

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117677.D
 Acq On : 1 Nov 2019 13:30
 Operator : JU
 Sample : K5148-17MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:13:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33370	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	137571	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	68718	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	109591	20.00	ng	0.00
76) Chrysene-d12	13.89	240	68308	20.00	ng	0.00
87) Perylene-d12	15.33	264	64490	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	284767	126.96	ng	0.02
7) Phenol-d6	6.39	99	383733	127.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	245595	88.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	72765	122.38	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	420119	86.14	ng	-0.02
79) Terphenyl-d14	12.83	244	378574	90.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	39934	42.345	ng	# 85
3) Pyridine	3.31	79	83173	36.027	ng	96
4) n-Nitrosodimethylamine	3.18	42	42043	50.199	ng	99
6) Aniline	6.40	93	59989	16.961	ng	# 1
8) 2-Chlorophenol	6.52	128	111149	46.960	ng	99
9) Benzaldehyde	6.29	77	41963	25.981	ng	98
10) Phenol	6.40	94	140519	45.699	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	102480	45.059	ng	95
12) 1,3-Dichlorobenzene	6.66	146	114539	43.365	ng	98
13) 1,4-Dichlorobenzene	6.74	146	116150	43.348	ng	98
14) 1,2-Dichlorobenzene	6.89	146	109609	43.397	ng	99
15) Benzyl Alcohol	6.89	79	102954	47.832	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	110050	44.855	ng	81
17) 2-Methylphenol	7.00	107	90533	46.497	ng	# 90
18) Hexachloroethane	7.23	117	43721	41.804	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	84505	45.929	ng	97
20) 3+4-Methylphenols	7.17	107	120341	47.140	ng	# 62
22) Acetophenone	7.14	105	163764	44.830	ng	95
24) Nitrobenzene	7.31	77	123660	46.331	ng	99
25) Isophorone	7.55	82	223693	46.403	ng	97
26) 2-Nitrophenol	7.63	139	57313	48.146	ng	98
27) 2,4-Dimethylphenol	7.67	122	96349	54.158	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	135560	45.572	ng	100
29) 2,4-Dichlorophenol	7.89	162	85699	45.927	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	87592	43.743	ng	98
31) Naphthalene	8.03	128	325959	47.802	ng	99
32) Benzoic acid	7.86	122	42385	34.784	ng	96
33) 4-Chloroaniline	8.11	127	36041	12.524	ng	96
34) Hexachlorobutadiene	8.14	225	49422	42.641	ng	98
35) Caprolactam	8.47	113	13596	22.682	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	101628	47.755	ng	97
37) 2-Methylnaphthalene	8.72	142	217512	47.339	ng	99
38) 1-Methylnaphthalene	8.82	142	204428	47.348	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	82246	44.437	ng	99

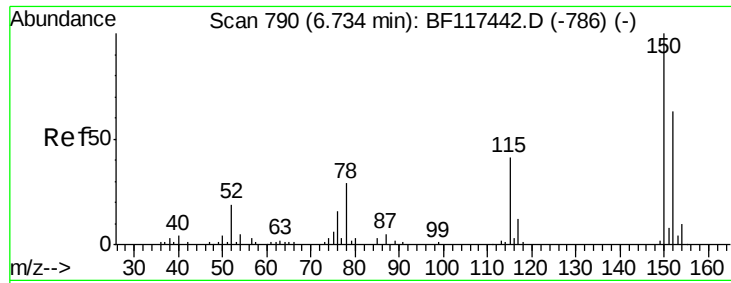
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117677.D
 Acq On : 1 Nov 2019 13:30
 Operator : JU
 Sample : K5148-17MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:13:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	19784	49.627	nq	100
43) 2,4,6-Trichlorophenol	9.01	196	53075	45.792	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	55063	46.882	nq	94
46) 1,1'-Biphenyl	9.18	154	256651	45.114	nq	98
47) 2-Chloronaphthalene	9.21	162	195840	45.657	nq	97
48) 2-Nitroaniline	9.32	65	63547	45.129	nq	84
49) Acenaphthylene	9.62	152	307142	48.750	nq	100
50) Dimethylphthalate	9.49	163	291770	59.559	nq	98
51) 2,6-Dinitrotoluene	9.56	165	49080	48.011	nq #	92
52) Acenaphthene	9.79	154	181314	46.907	nq	98
53) 3-Nitroaniline	9.74	138	24426	19.693	nq	93
54) 2,4-Dinitrophenol	9.87	184	38669	90.792	nq	98
55) Dibenzofuran	9.96	168	272802	48.712	nq	97
56) 4-Nitrophenol	9.96	139	150519	254.149	nq #	13
57) 2,4-Dinitrotoluene	9.97	165	64802	47.679	nq #	89
58) Fluorene	10.31	166	222928	48.136	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	41473	44.928	nq #	99
60) Diethylphthalate	10.18	149	224964	45.401	nq	100
61) 4-Chlorophenyl-phenylether	10.29	204	95139	45.788	nq	98
62) 4-Nitroaniline	10.35	138	47554	40.676	nq	96
63) Azobenzene	10.46	77	242163	47.741	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26091	46.826	nq	93
66) n-Nitrosodiphenylamine	10.42	169	185630	46.333	nq	98
67) 4-Bromophenyl-phenylether	10.78	248	51074	43.268	nq	99
68) Hexachlorobenzene	10.86	284	55159	43.633	nq	96
69) Atrazine	10.95	200	53392	52.379	nq	97
70) Pentachlorophenol	11.07	266	23510	62.036	nq	97
71) Phenanthrene	11.27	178	295409	46.422	nq	99
72) Anthracene	11.32	178	307041	47.025	nq	99
73) Carbazole	11.49	167	273410	45.820	nq	100
74) Di-n-butylphthalate	11.80	149	357218	44.804	nq	99
75) Fluoranthene	12.46	202	289251	45.405	nq	98
77) Benzidine	12.59	184	59625	27.696	nq	99
78) Pyrene	12.69	202	286295	48.795	nq	100
80) Butylbenzylphthalate	13.29	149	134690	46.132	nq	98
81) Benzo(a)anthracene	13.88	228	212562	46.132	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	34367	23.769	nq #	98
83) Chrysene	13.92	228	214628	47.528	nq	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	191926	46.926	nq #	96
85) Di-n-octyl phthalate	14.46	149	300492	47.786	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	195371	57.947	nq	98
88) Benzo(b)fluoranthene	14.92	252	185981	48.837	nq	98
89) Benzo(k)fluoranthene	14.94	252	173120	44.354	nq	99
90) Benzo(a)pyrene	15.27	252	162537	46.943	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	166262	55.533	nq	97
92) Benzo(g,h,i)perylene	17.17	276	167428	59.105	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

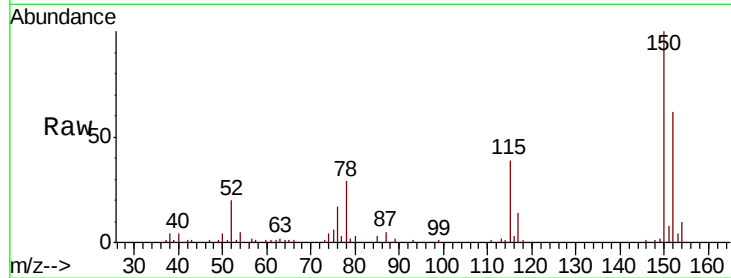


#1

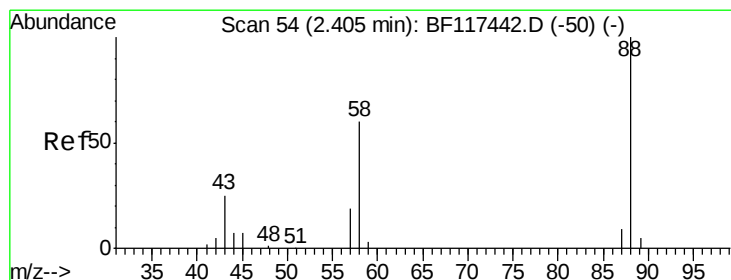
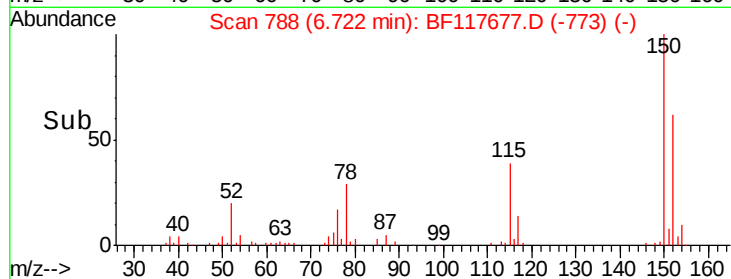
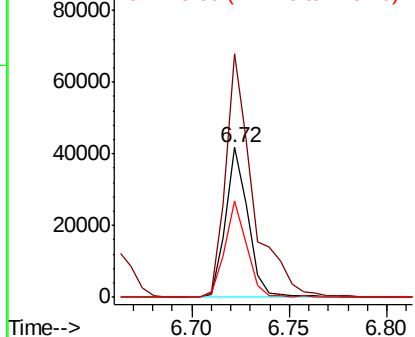
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33370
Ion Ratio Lower Upper
152 100
150 162.2 126.8 190.2
115 63.9 51.6 77.4



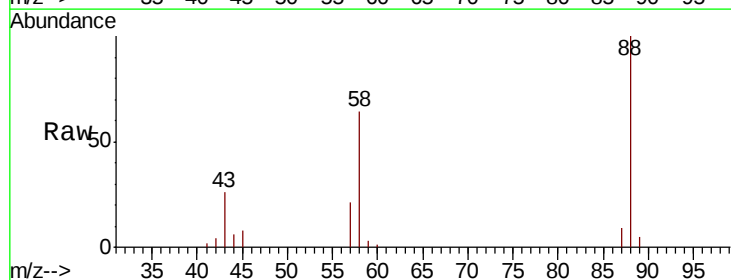
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



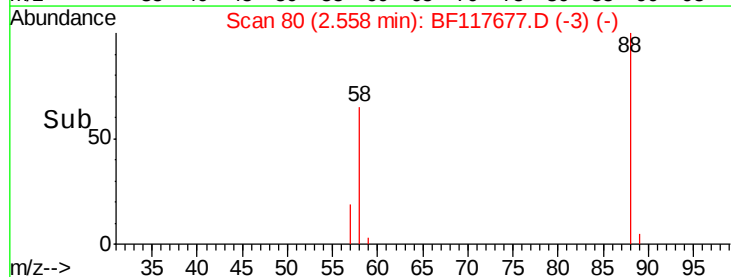
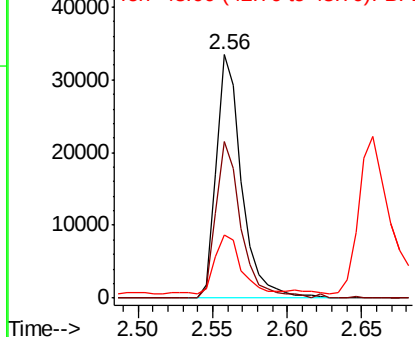
#2

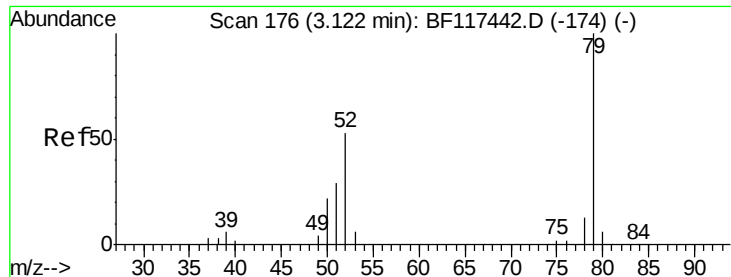
1,4-Dioxane
Concen: 42.345 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.15 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion: 88 Resp: 39934
Ion Ratio Lower Upper
88 100
58 63.5 48.8 73.2
43 0.0 18.5 27.7#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.027 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.19 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampled :

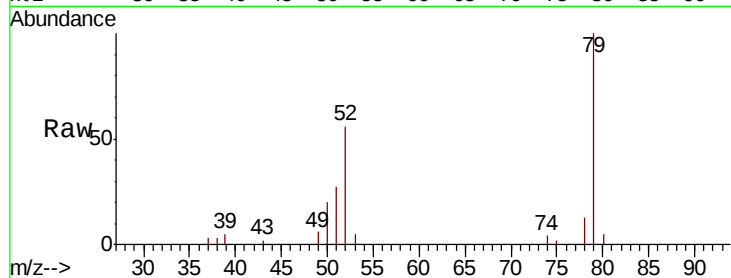
Tot Ion: 79 Resp: 83173

Ion Ratio Lower Upper

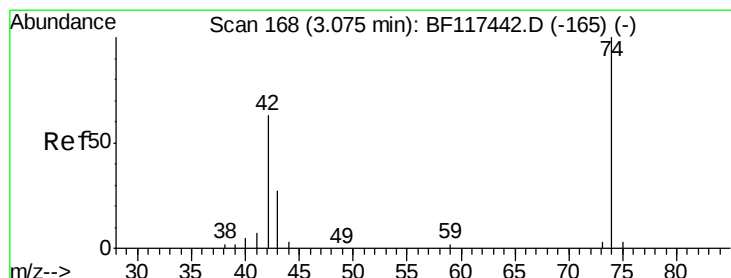
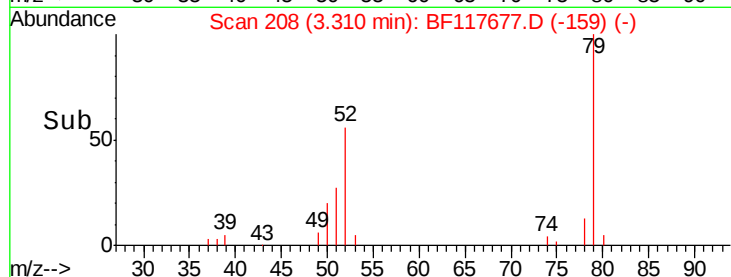
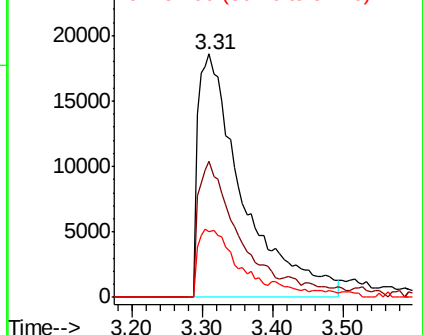
79 100

52 55.7 42.4 63.6

51 27.2 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.199 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.11 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

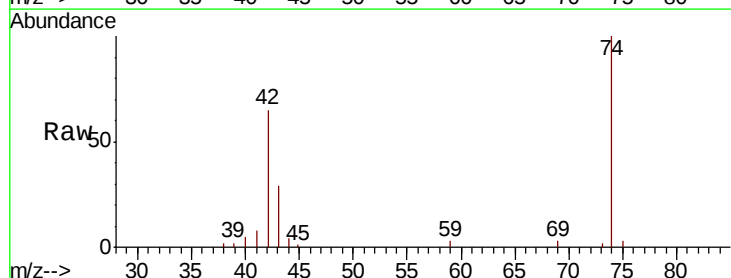
Tgt Ion: 42 Resp: 42043

Ion Ratio Lower Upper

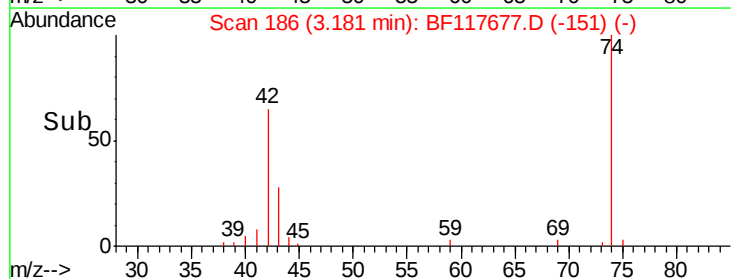
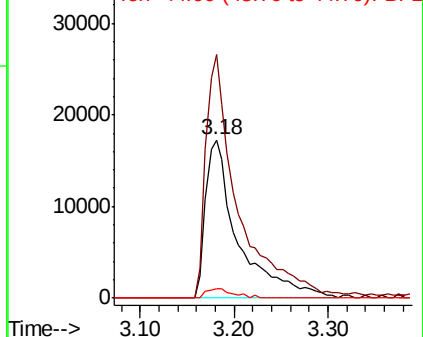
42 100

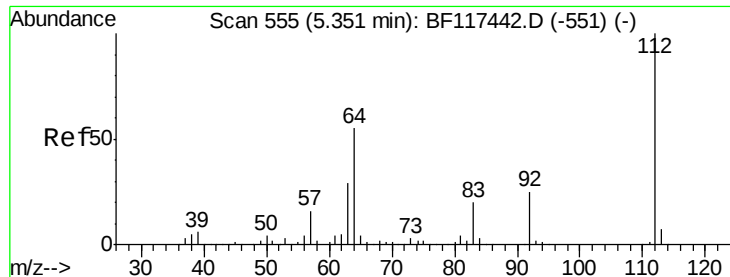
74 153.7 124.2 186.4

44 6.0 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.955 ng

RT: 5.37 min Scan# 558

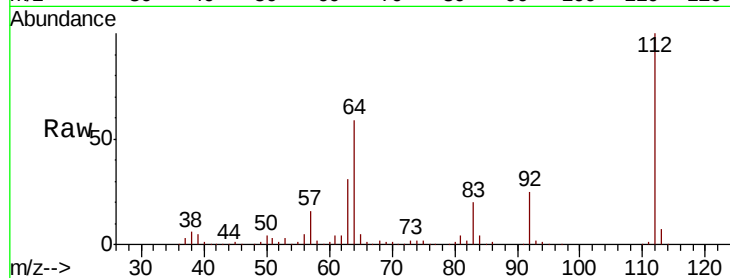
Delta R.T. 0.02 min

Lab File: BF117677.D

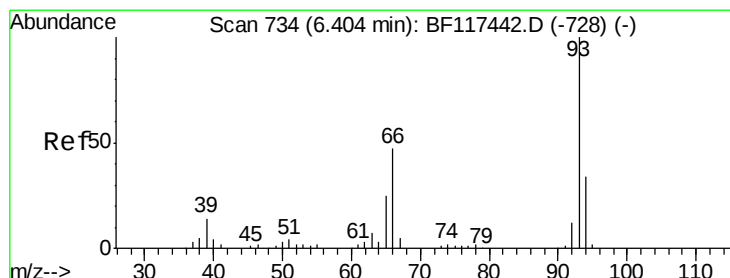
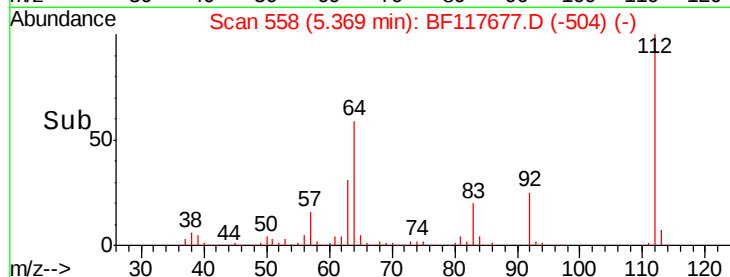
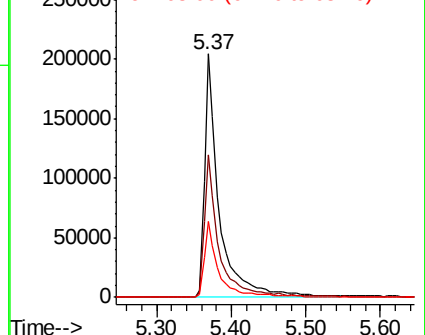
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	284767
Ion Ratio	Lower	Upper	
112	100		
64	58.7	44.1	66.1
63	31.0	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.961 ng

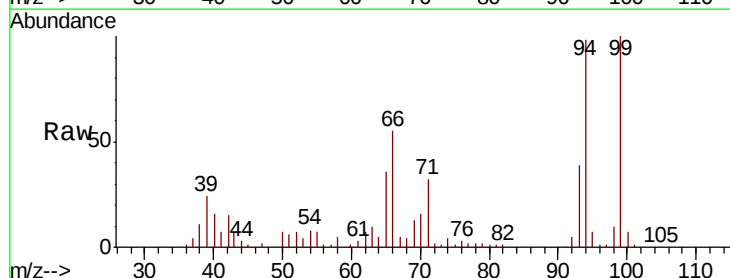
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

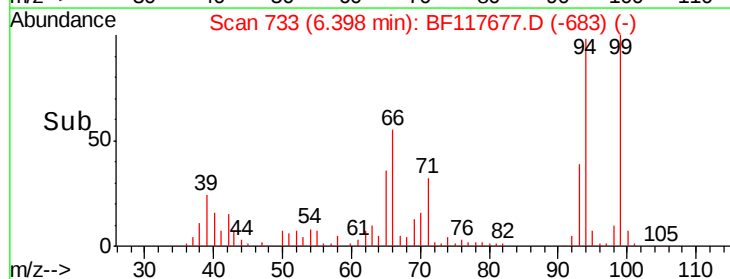
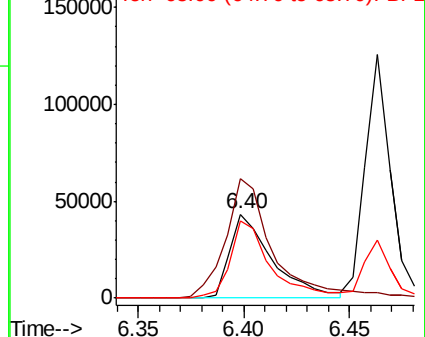
Lab File: BF117677.D

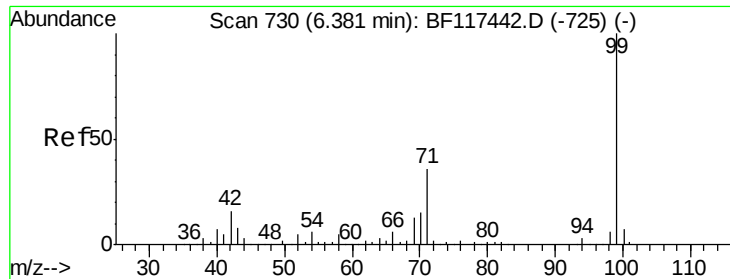
Acq: 1 Nov 2019 13:30

Tgt Ion:	93	Resp:	59989
Ion Ratio	Lower	Upper	
93	100		
66	142.7	38.7	58.1#
65	91.8	20.1	30.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.373 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

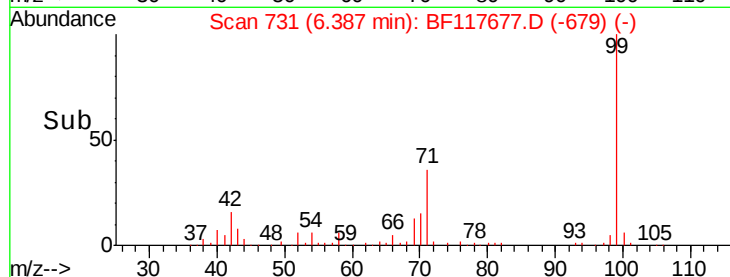
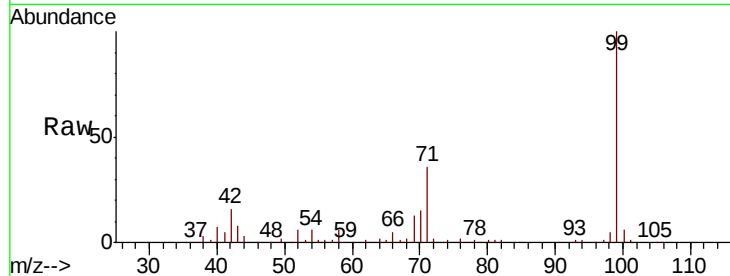
Tot Ion: 99 Resp: 383733

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

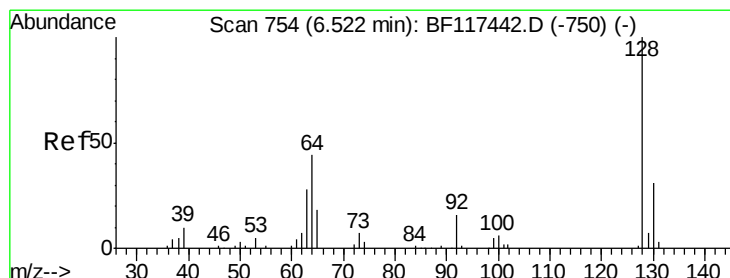
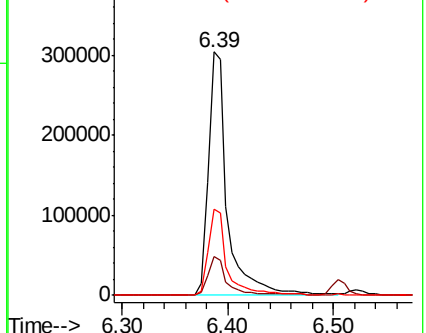
71 35.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.960 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

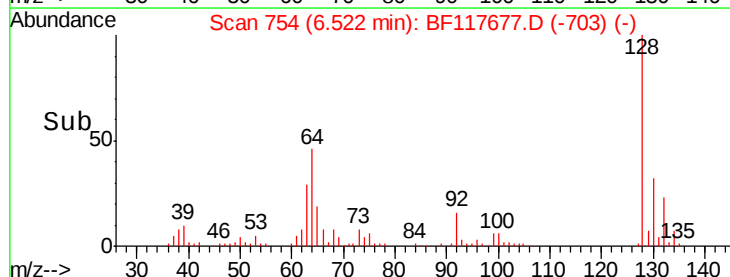
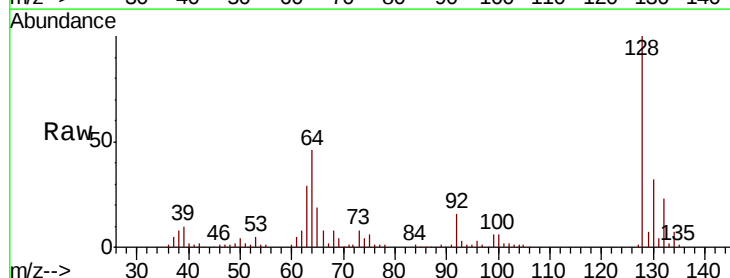
Tgt Ion:128 Resp: 111149

Ion Ratio Lower Upper

128 100

130 32.0 11.1 51.1

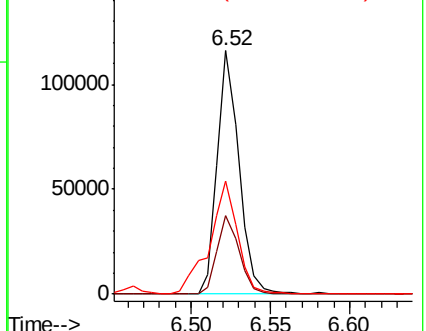
64 46.3 27.1 67.1

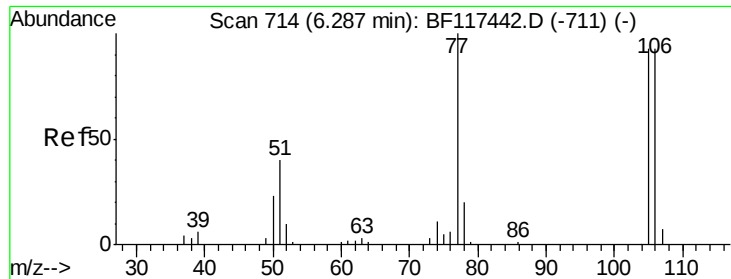


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

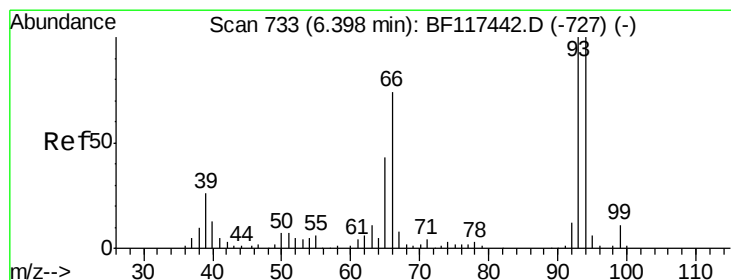
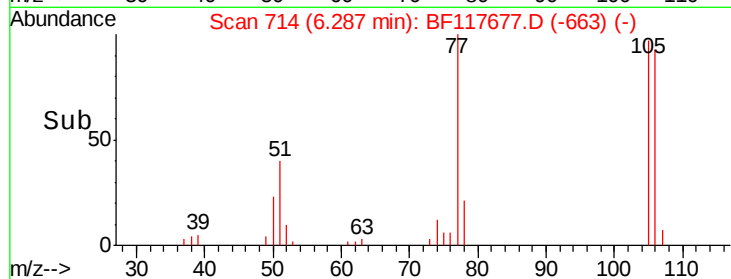
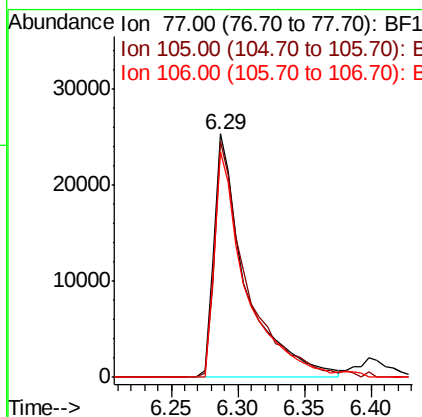
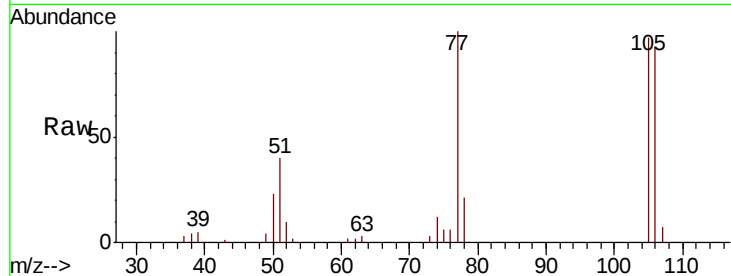




#9
Benzaldehyde
Concen: 25.981 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

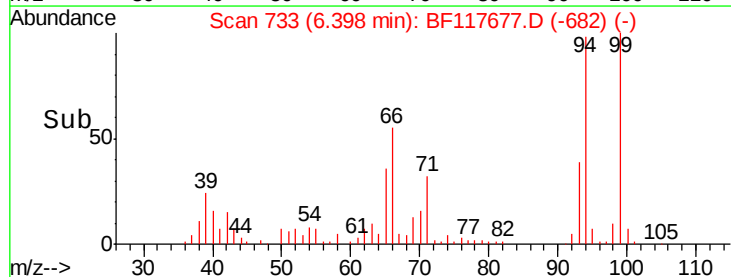
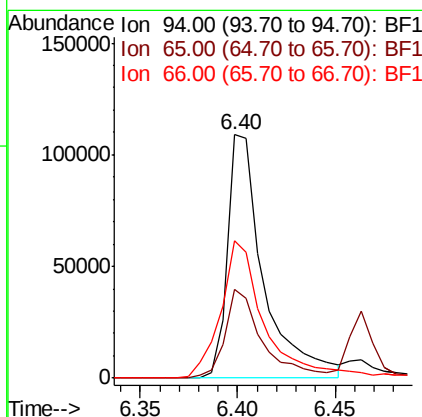
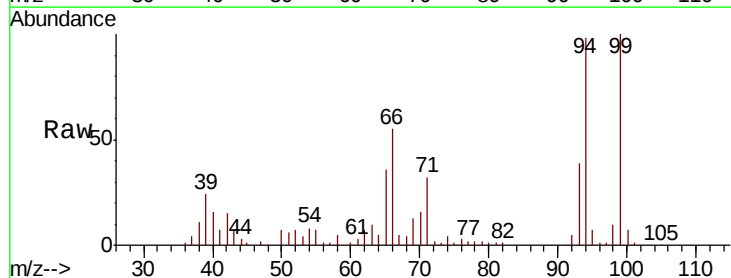
Instrument :
BNA_F
ClientSampleId :

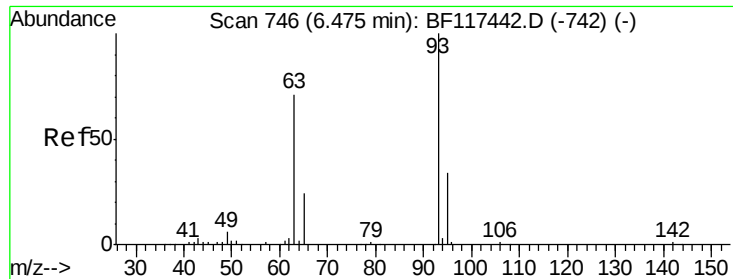
Tot Ion: 77 Resp: 41963
Ion Ratio Lower Upper
77 100
105 96.8 73.4 113.4
106 92.7 73.0 113.0



#10
Phenol
Concen: 45.699 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion: 94 Resp: 140519
Ion Ratio Lower Upper
94 100
65 36.4 23.4 63.4
66 56.6 54.7 94.7





#11

bis(2-Chloroethyl)ether

Concen: 45.059 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

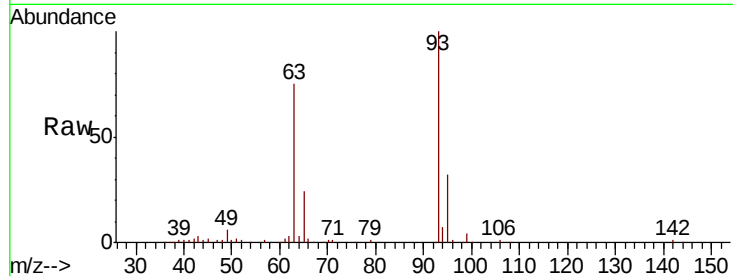
Tot Ion: 93 Resp: 102480

Ion Ratio Lower Upper

93 100

63 74.7 50.2 90.2

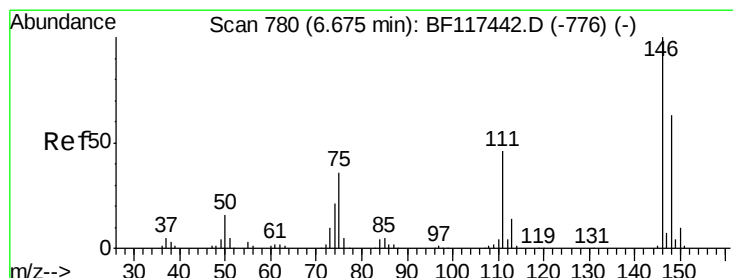
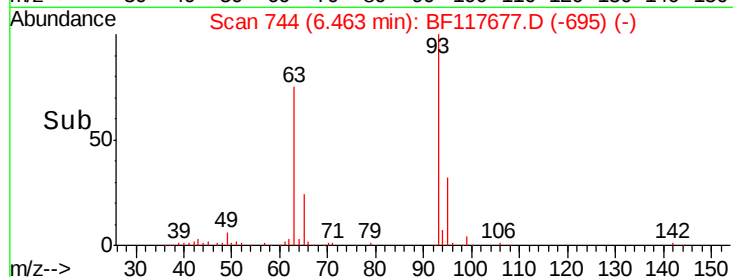
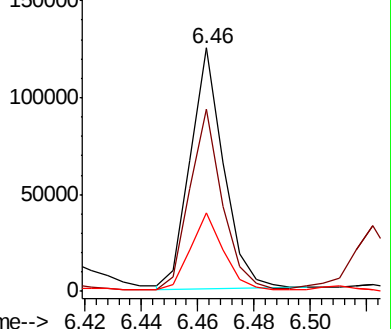
95 32.2 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.365 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

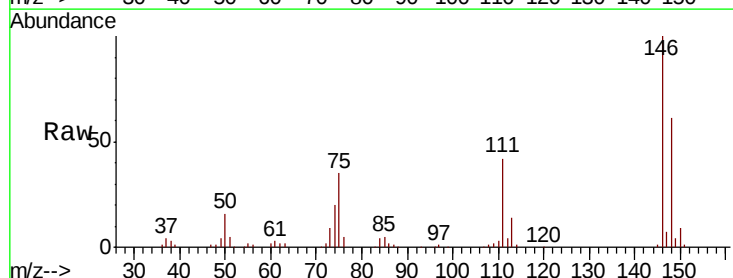
Tgt Ion: 146 Resp: 114539

Ion Ratio Lower Upper

146 100

148 61.4 50.6 75.8

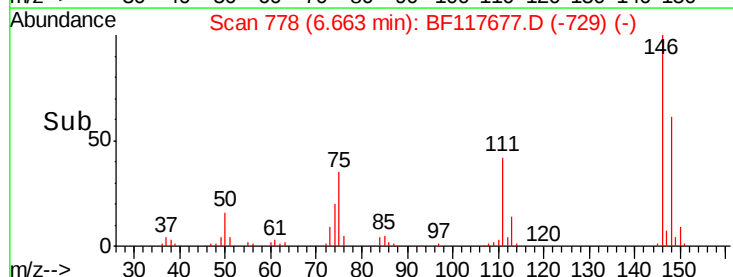
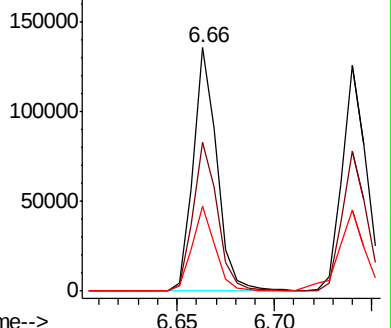
75 34.8 28.6 43.0

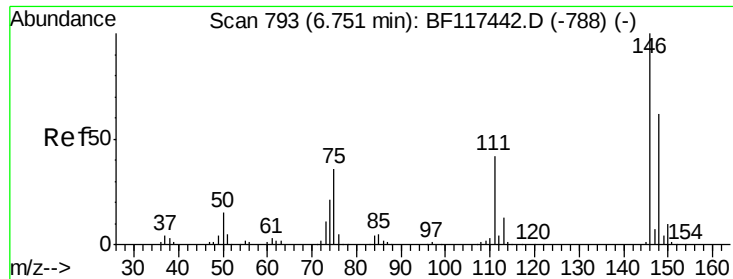


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

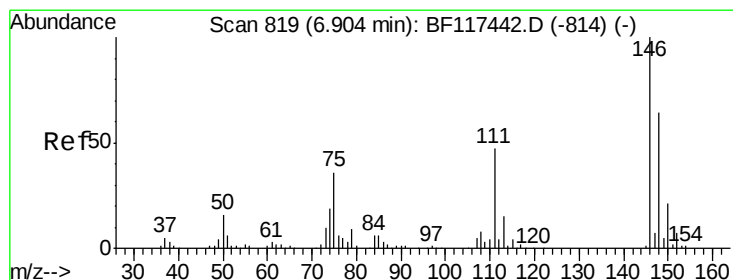
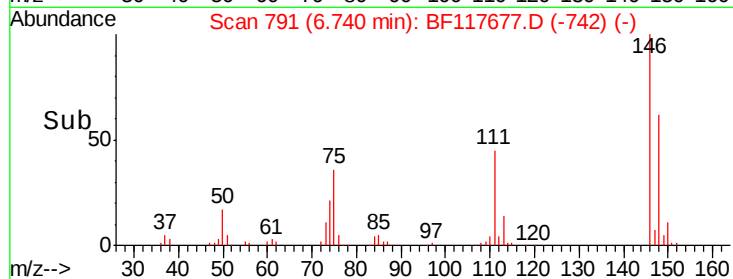
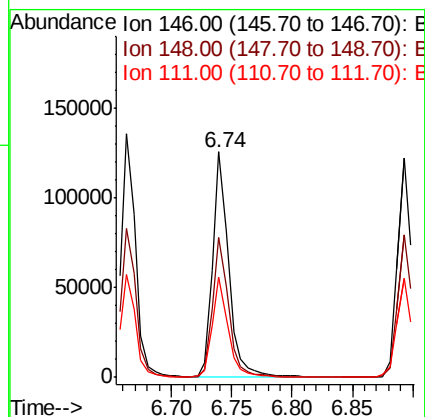
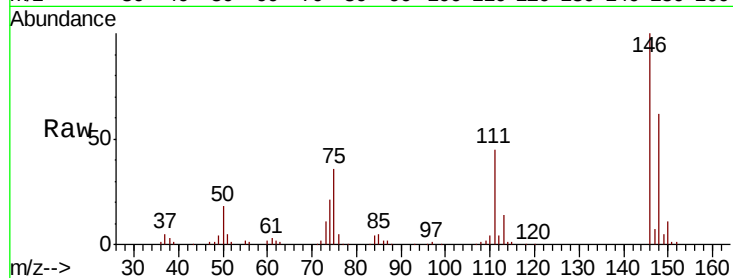




#13
 1,4-Dichlorobenzene
 Concen: 43.348 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

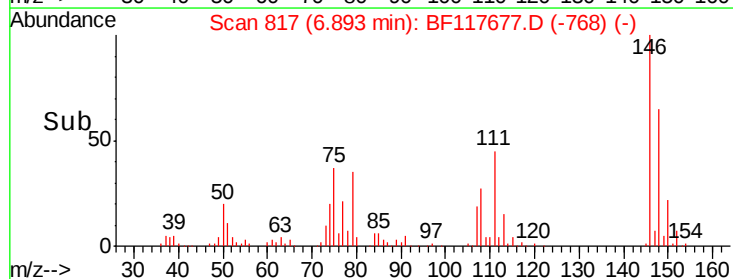
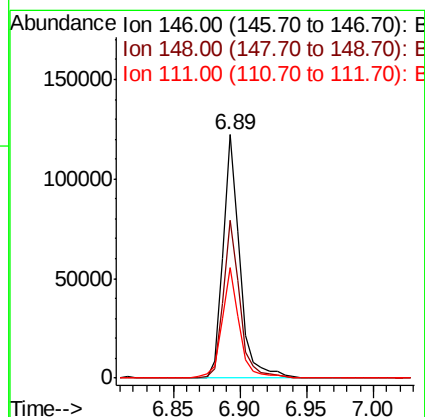
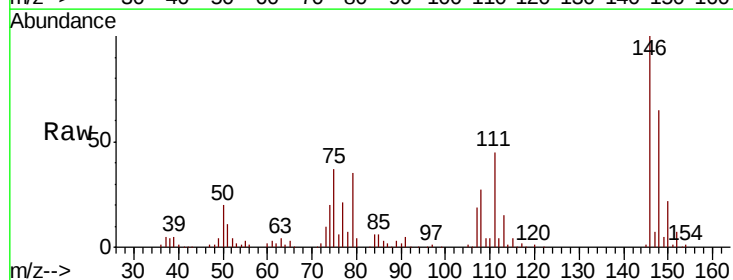
Instrument :
 BNA_F
 ClientSampleId :

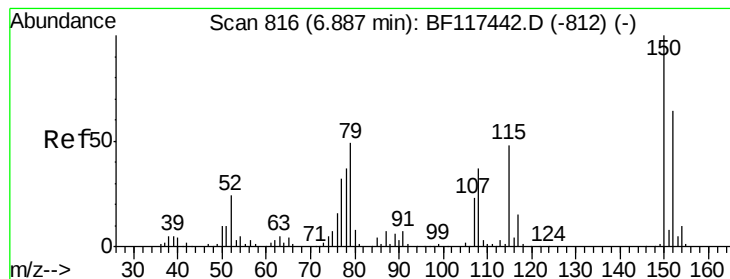
Tot Ion:146 Resp: 116150
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.3 73.9
 111 44.6 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 43.397 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:146 Resp: 109609
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 45.5 37.7 56.5





#15

Benzyl Alcohol

Concen: 47.832 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

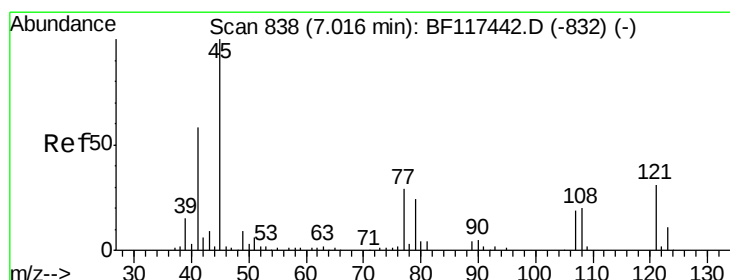
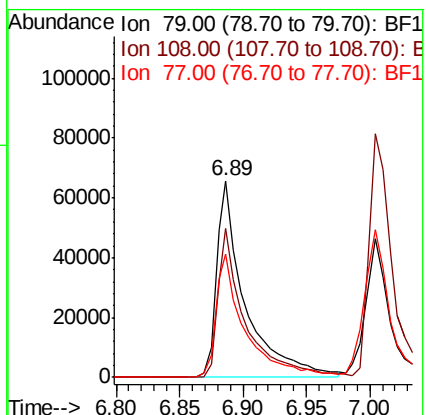
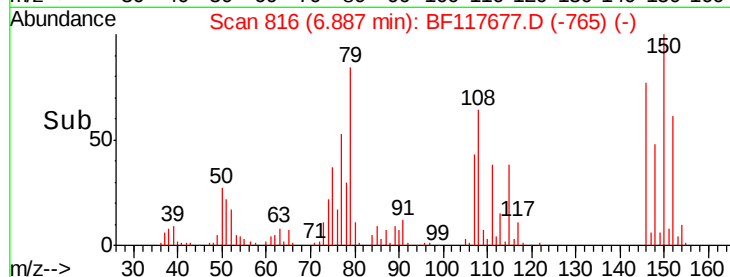
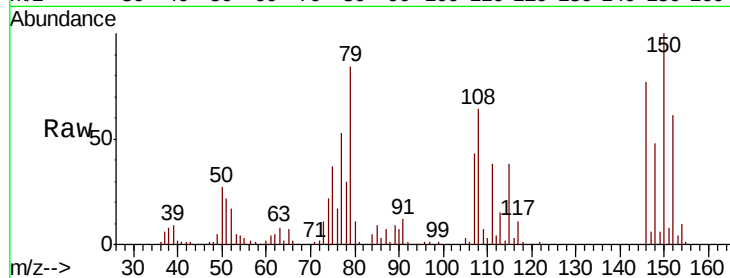
Tot Ion: 79 Resp: 102954

Ion Ratio Lower Upper

79 100

108 76.1 59.8 89.8

77 62.6 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.855 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

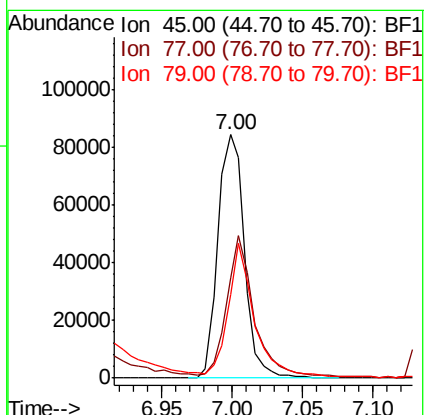
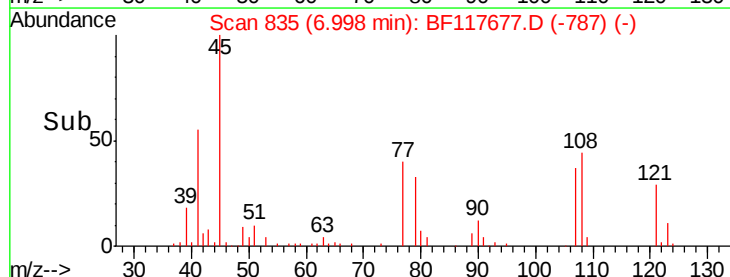
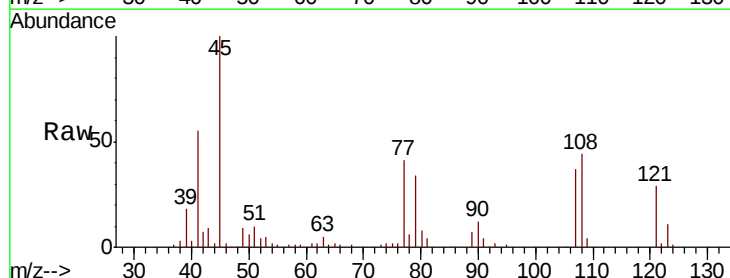
Tgt Ion: 45 Resp: 110050

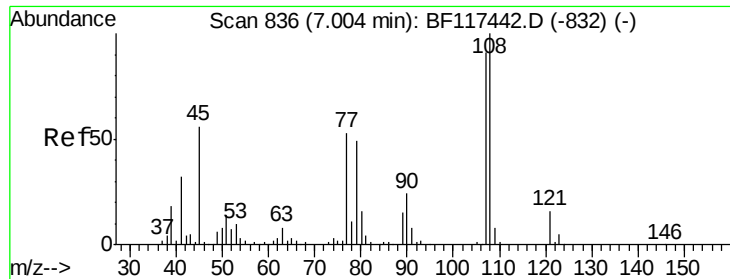
Ion Ratio Lower Upper

45 100

77 41.0 9.9 49.9

79 34.2 5.5 45.5

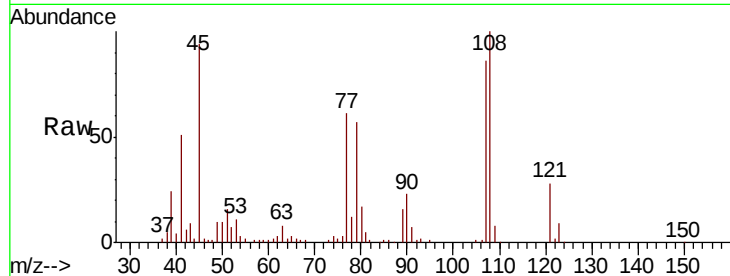




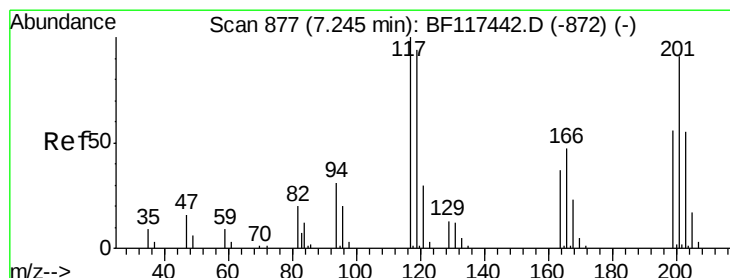
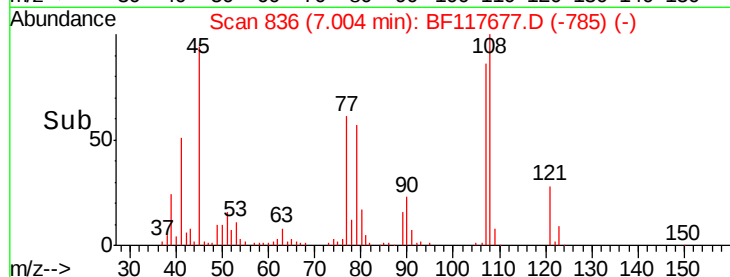
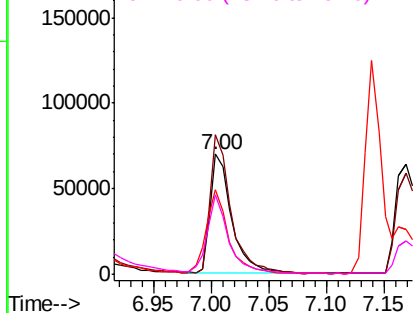
#17
2-Methylphenol
Concen: 46.497 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 90533
Ion Ratio Lower Upper
107 100
108 115.9 88.0 132.0
77 70.3 47.2 70.8
79 66.3 44.1 66.1#

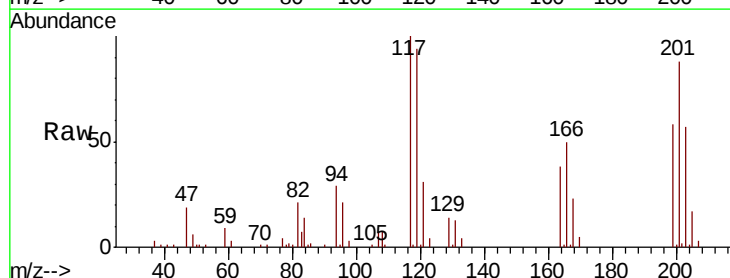


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

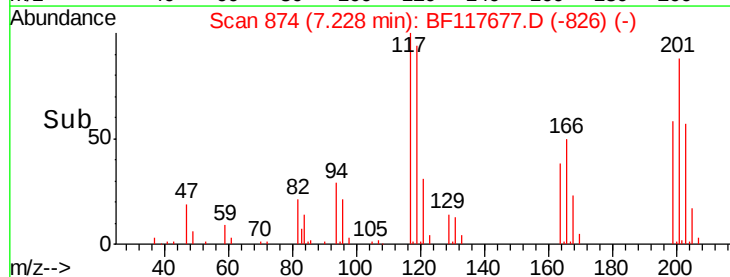
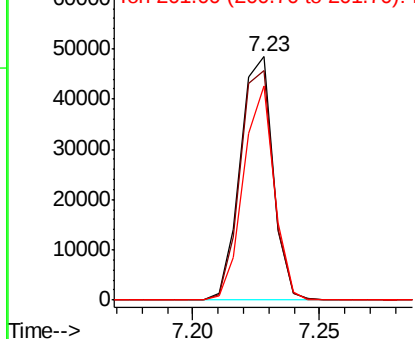


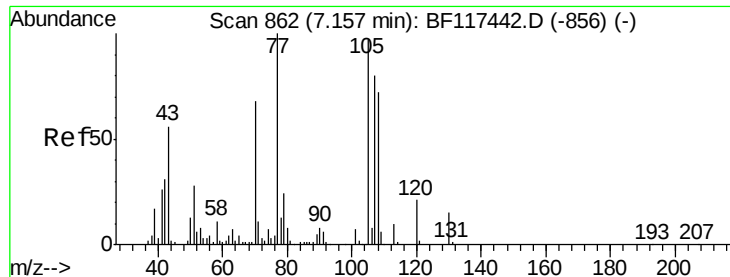
#18
Hexachloroethane
Concen: 41.804 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:117 Resp: 43721
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
201 87.8 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

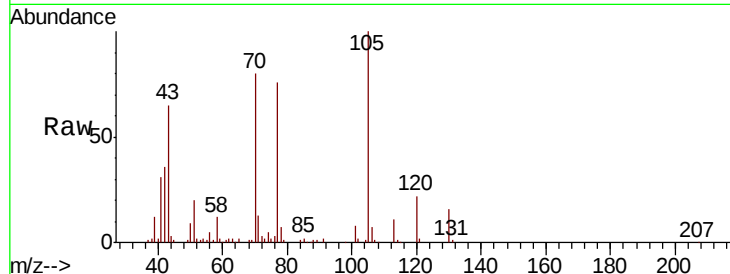




#19
n-Nitroso-di-n-propylamine
Concen: 45.929 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	36.7	55.1
101	9.9	8.3	12.5
130	20.2	18.1	27.1



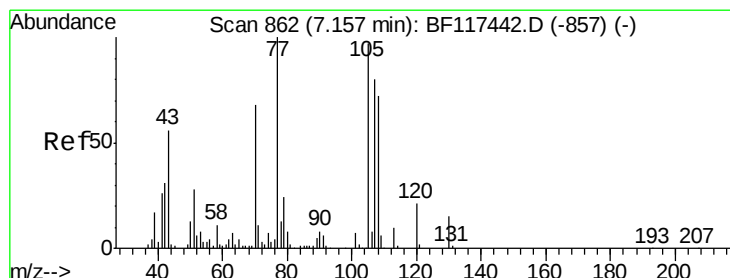
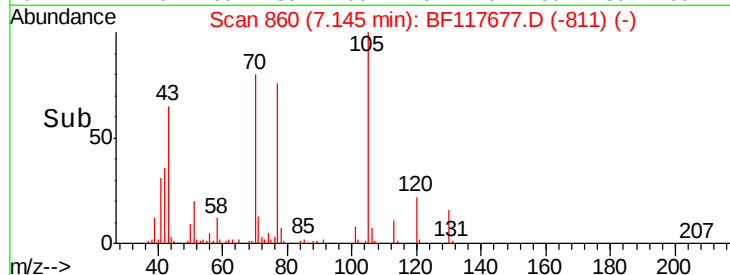
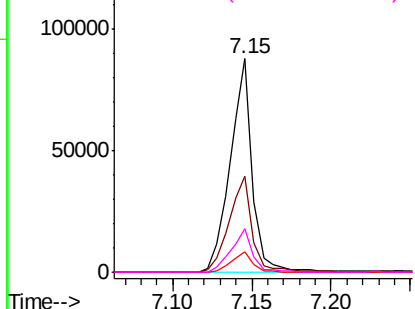
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 47.140 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	70.3	110.3
77	41.2	104.8	144.8#
79	30.4	10.0	50.0

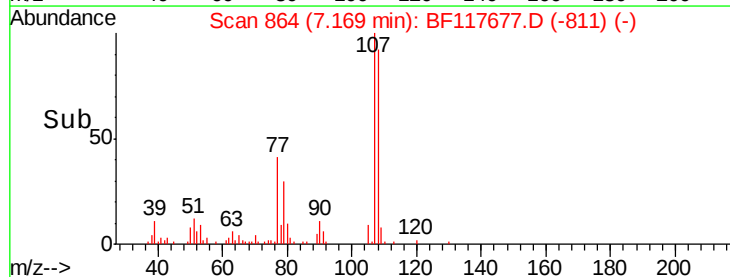
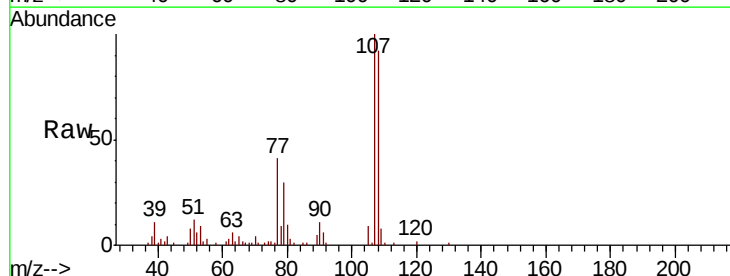
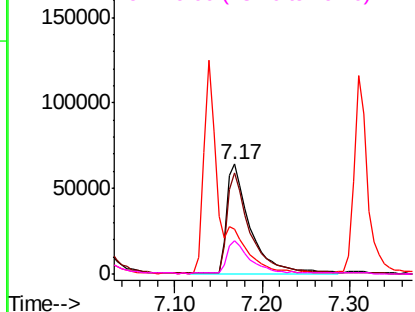
Abundance

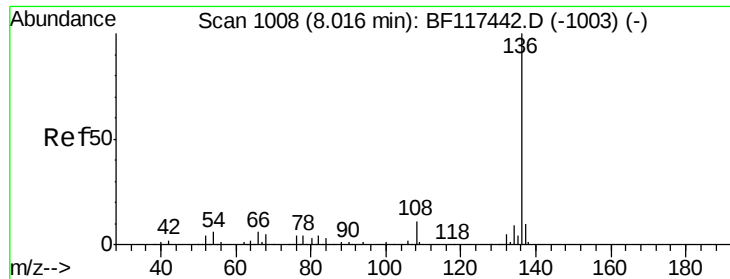
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

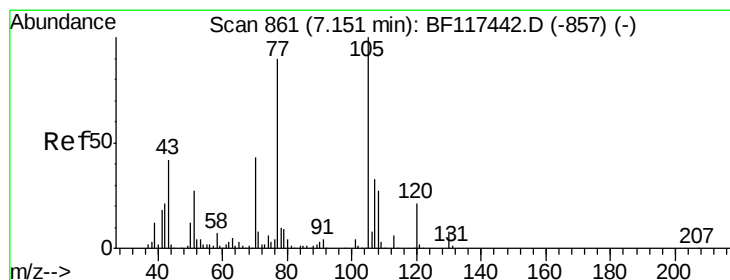
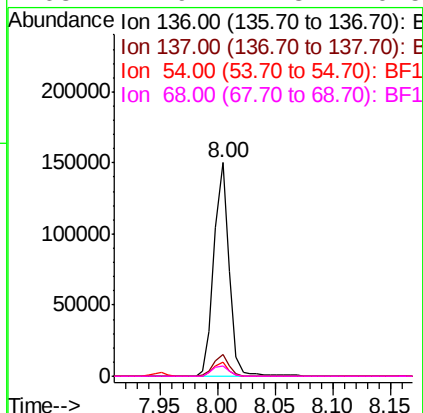
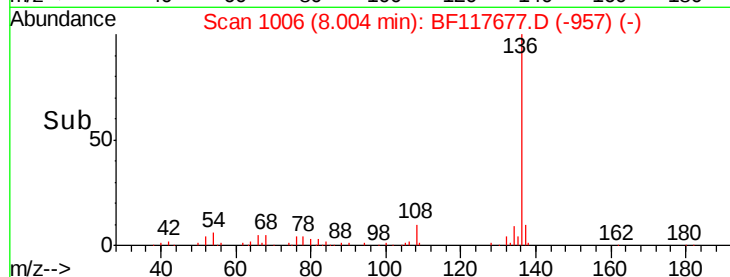
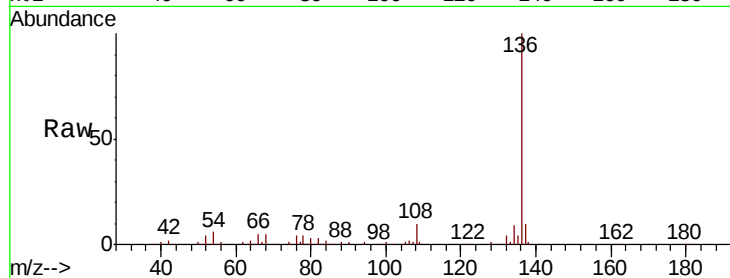




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

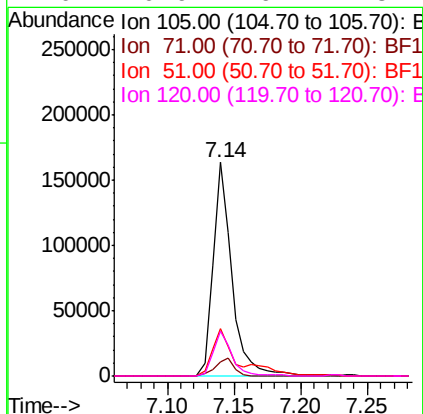
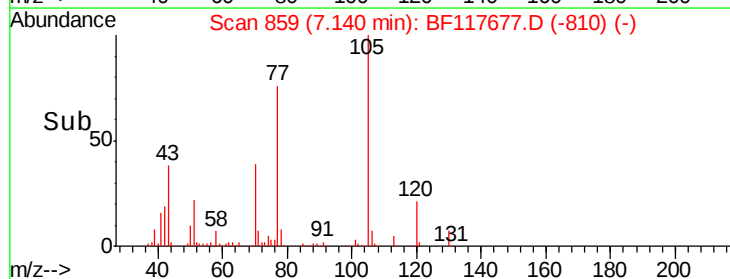
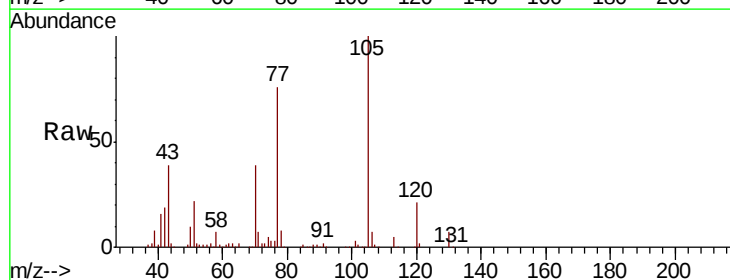
Instrument :
BNA_F
ClientSampleId :

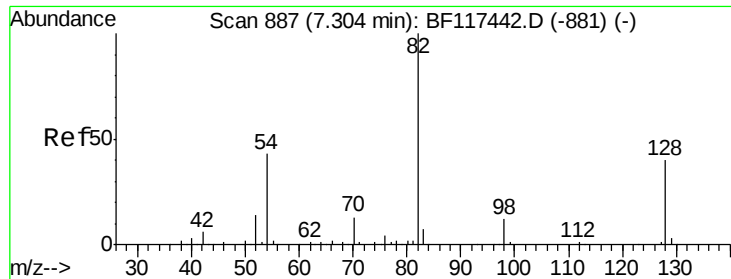
Tot Ion:136	Resp:	137571
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.2	12.4
54 6.4	4.5	6.7
68 4.9	4.3	6.5



#22
Acetophenone
Concen: 44.830 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt	Ion:105	Resp:	163764
Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.2	9.2
51	21.9	21.8	32.6
120	20.9	16.7	25.1

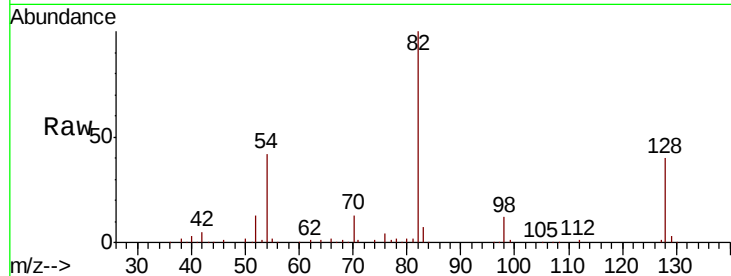




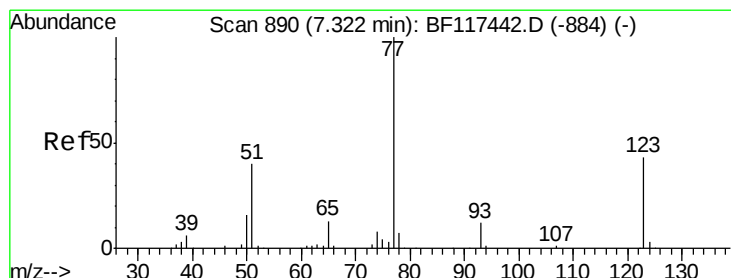
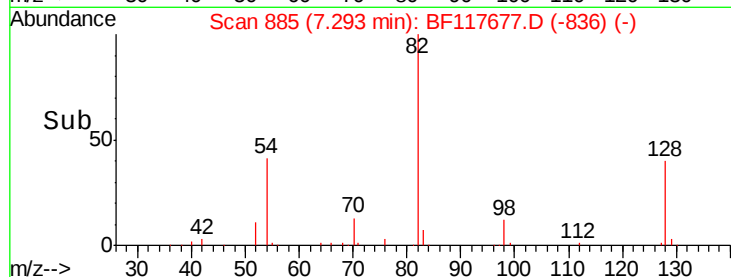
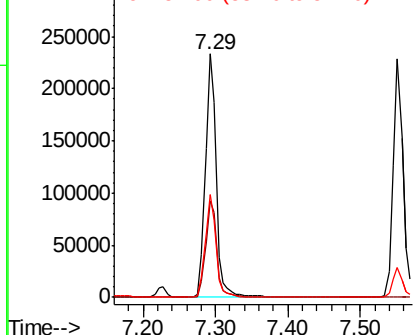
#23
 Nitrobenzene-d5
 Concen: 88.133 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.2	48.2
54	42.1	34.2	51.2

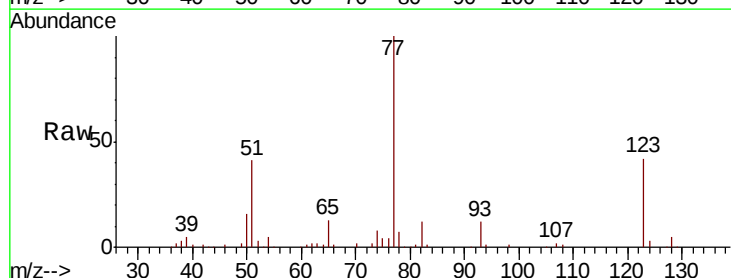


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

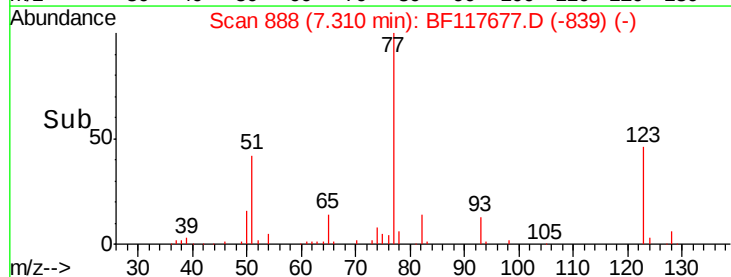
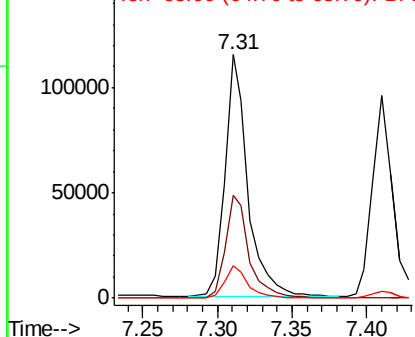


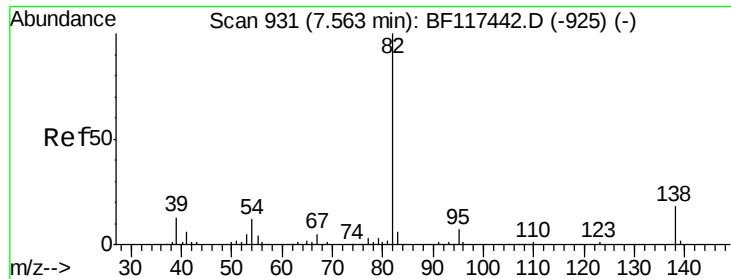
#24
 Nitrobenzene
 Concen: 46.331 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	34.2	51.2
65	13.5	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.403 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

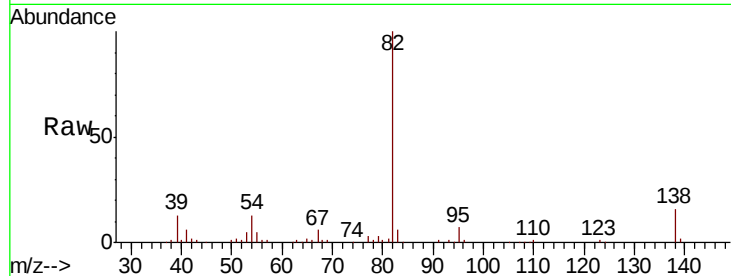
Tot Ion: 82 Resp: 223693

Ion Ratio Lower Upper

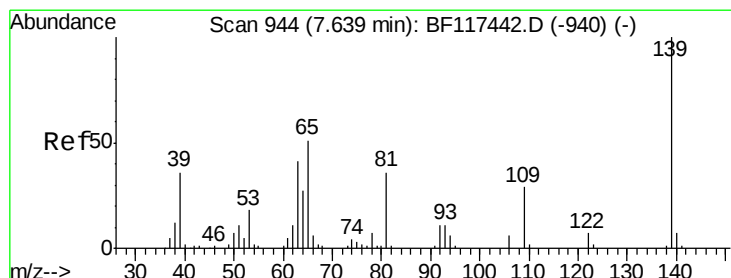
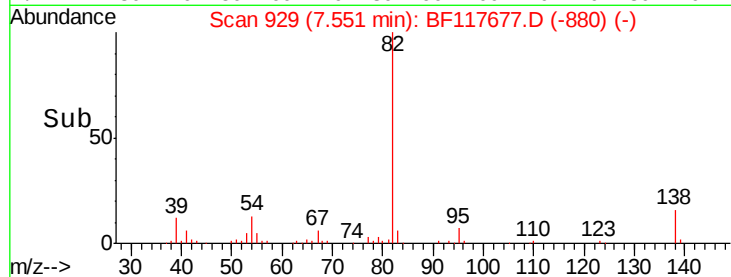
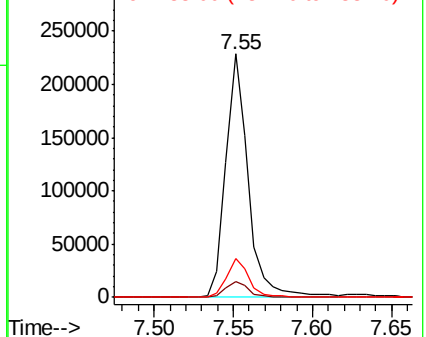
82 100

95 6.7 5.4 8.0

138 16.1 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.146 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

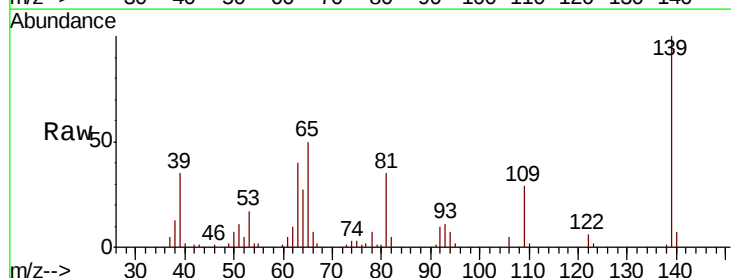
Tgt Ion: 139 Resp: 57313

Ion Ratio Lower Upper

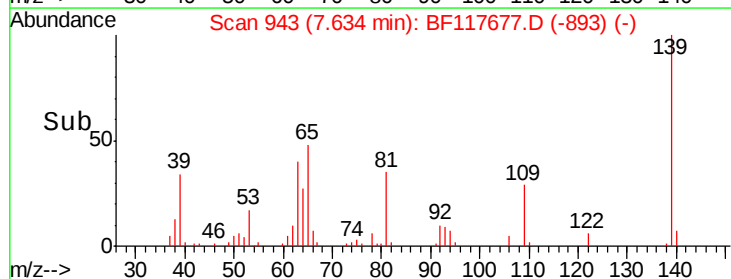
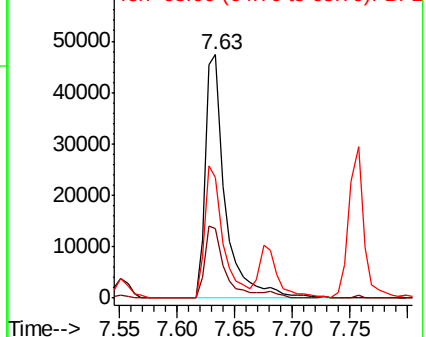
139 100

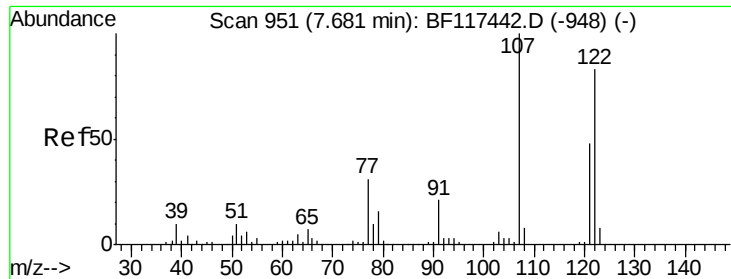
109 28.7 23.2 34.8

65 49.7 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

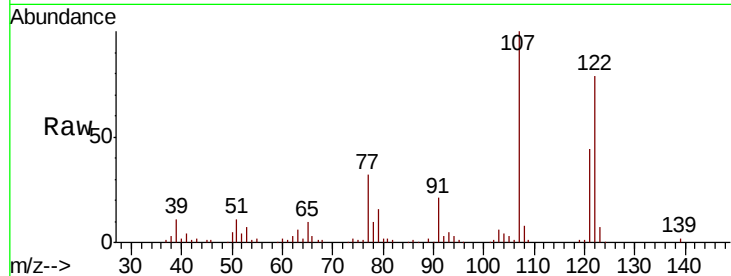




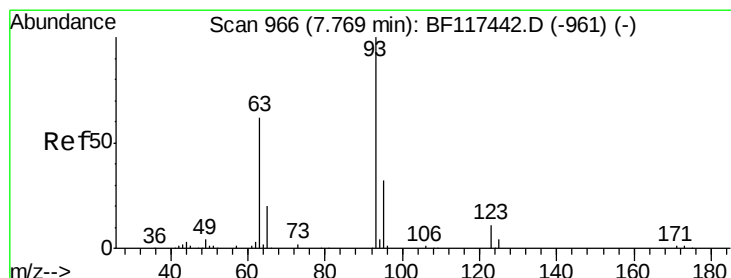
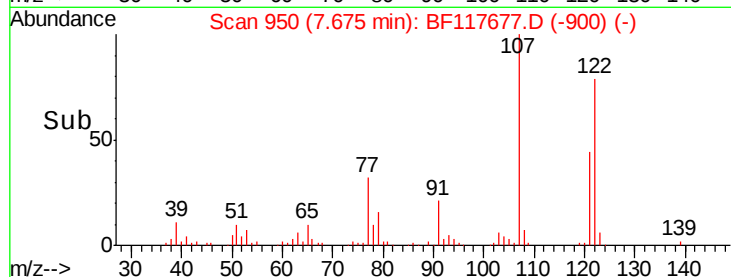
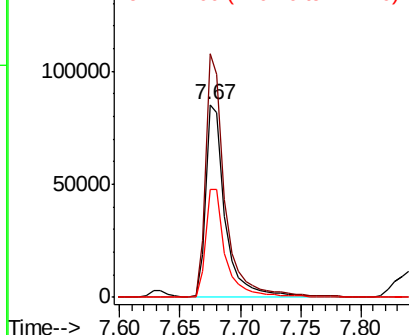
#27
 2,4-Dimethylphenol
 Concen: 54.158 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 96349
 Ion Ratio Lower Upper
 122 100
 107 126.3 96.8 145.2
 121 55.9 46.4 69.6

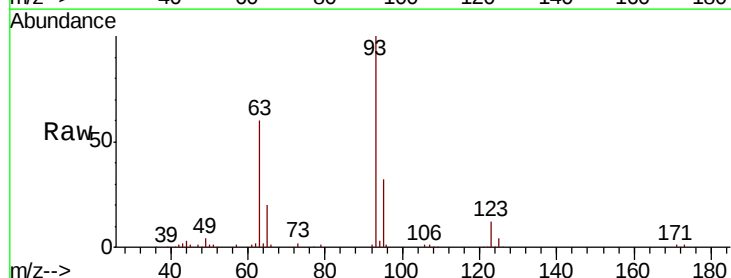


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

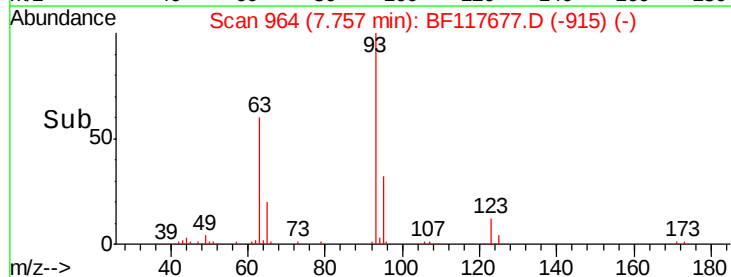
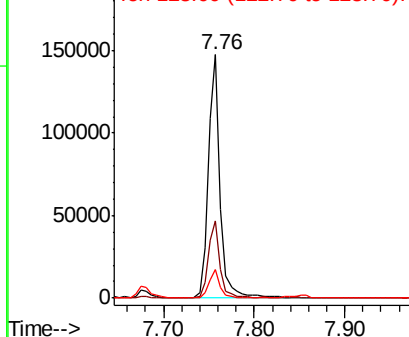


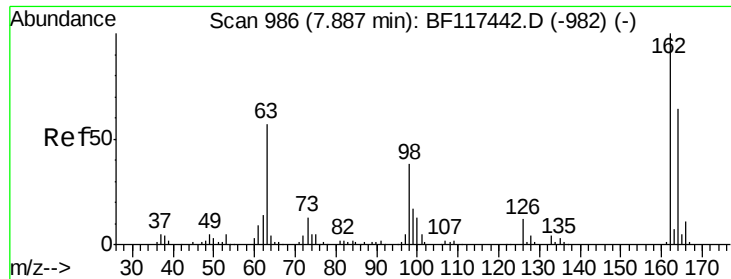
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.572 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion: 93 Resp: 135560
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 11.9 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

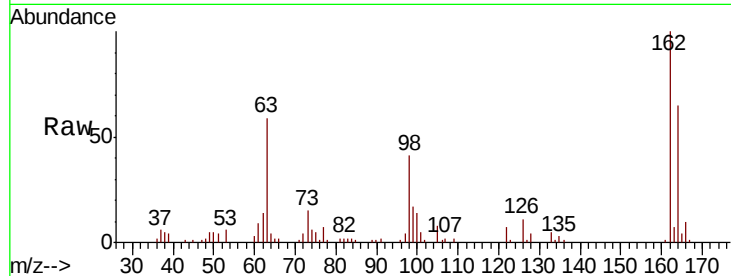




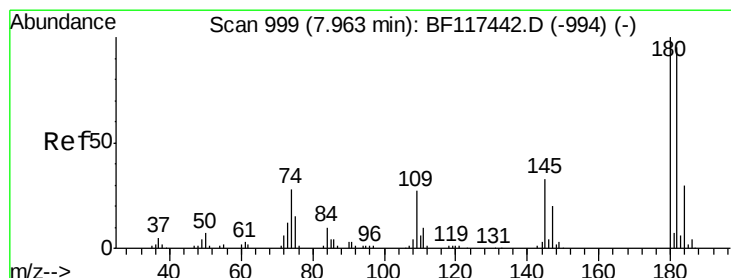
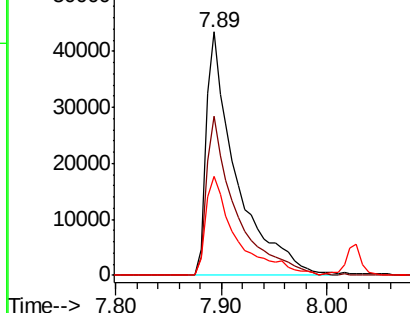
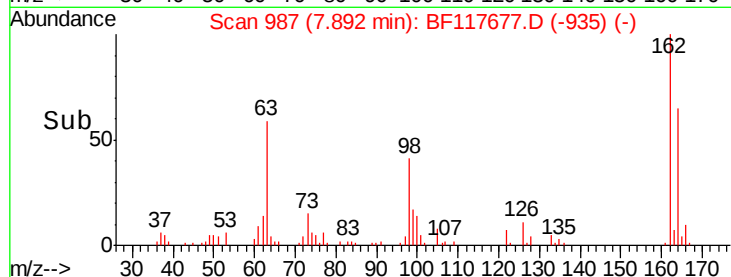
#29
2,4-Dichlorophenol
Concen: 45.927 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 85699
Ion Ratio Lower Upper
162 100
164 65.2 44.4 84.4
98 40.8 18.2 58.2

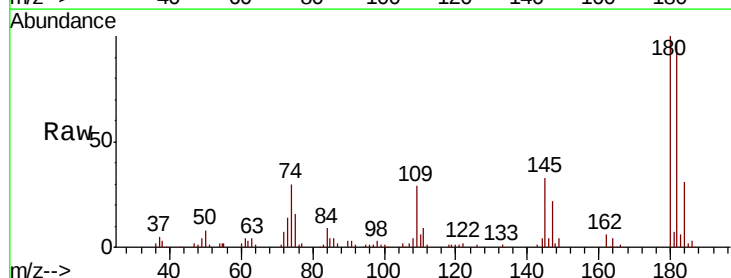


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

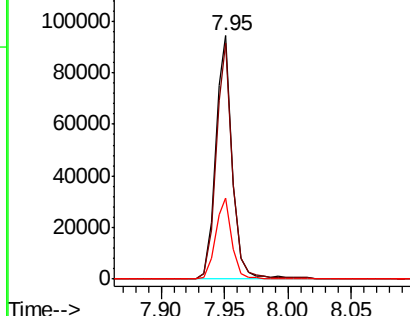
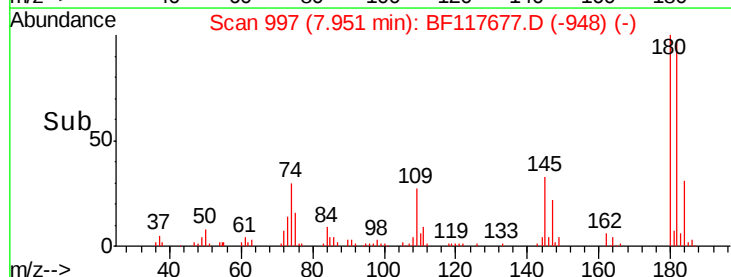


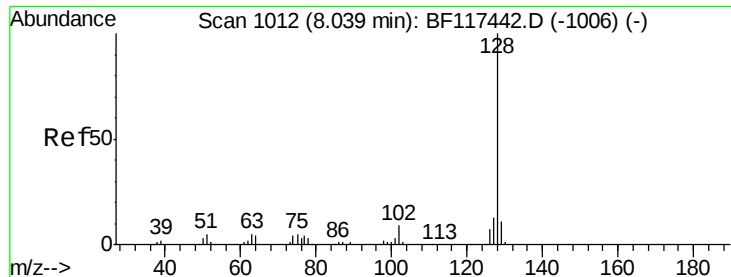
#30
1,2,4-Trichlorobenzene
Concen: 43.743 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:180 Resp: 87592
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.8
145 33.2 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

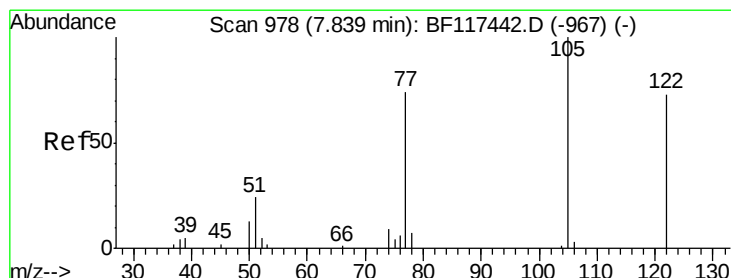
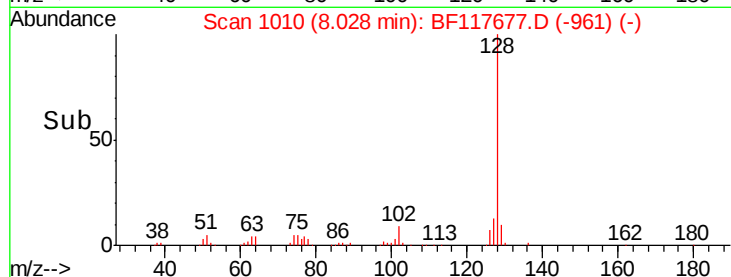
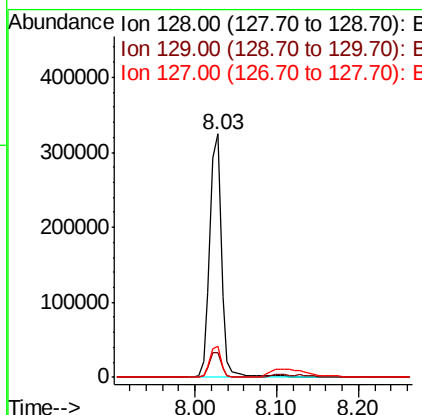
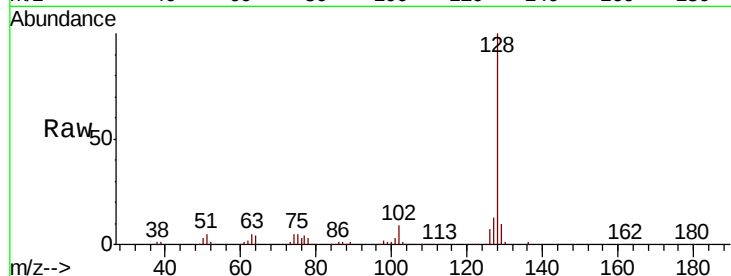




#31
Naphthalene
Concen: 47.802 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

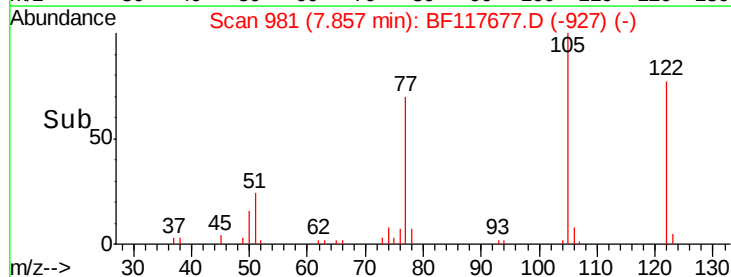
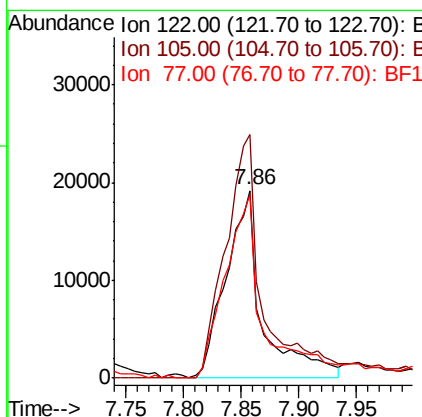
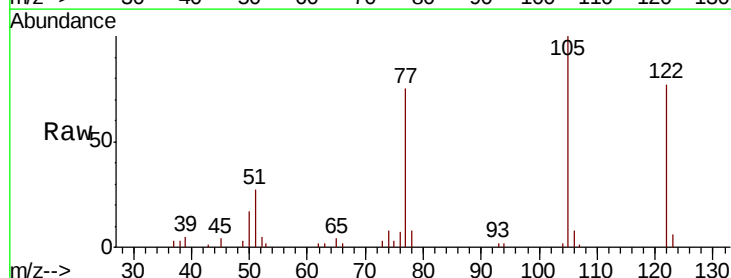
Instrument :
BNA_F
ClientSampleId :

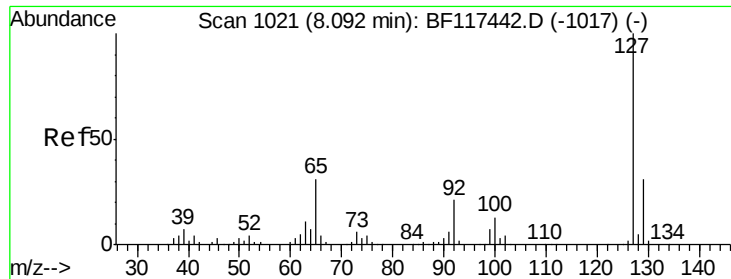
Tot Ion:128 Resp: 325959
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 34.784 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:122 Resp: 42385
Ion Ratio Lower Upper
122 100
105 129.7 115.0 155.0
77 97.5 79.7 119.7

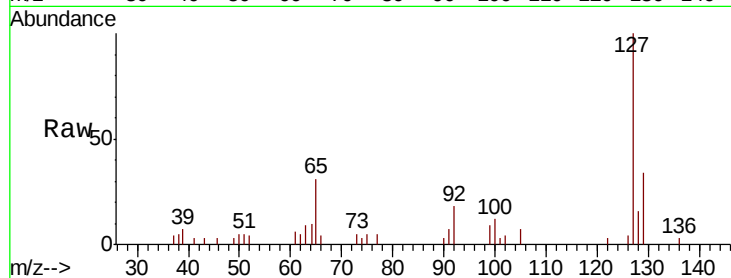




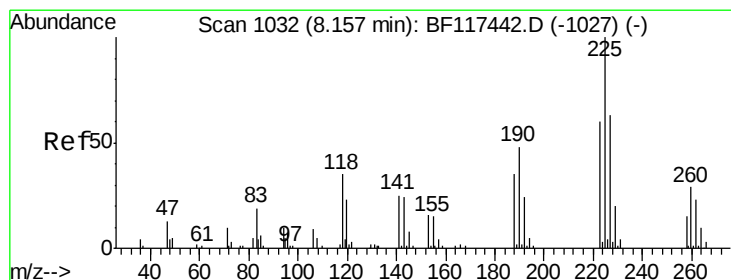
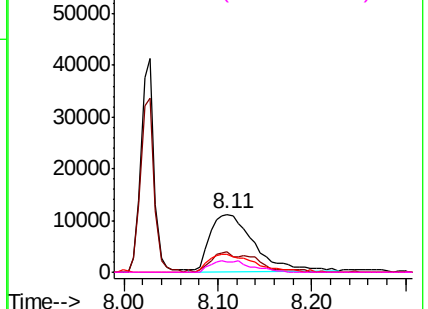
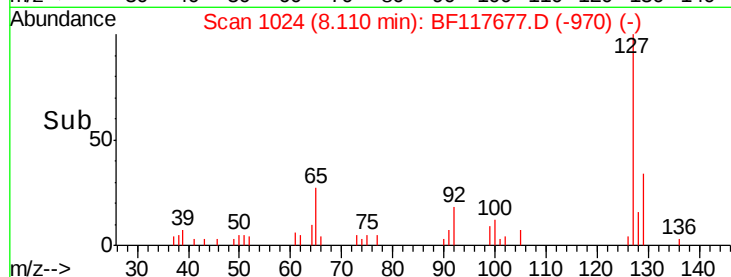
#33
4-Chloroaniline
Concen: 12.524 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 36041
Ion Ratio Lower Upper
127 100
129 34.2 24.8 37.2
65 30.5 24.6 37.0
92 17.8 16.5 24.7

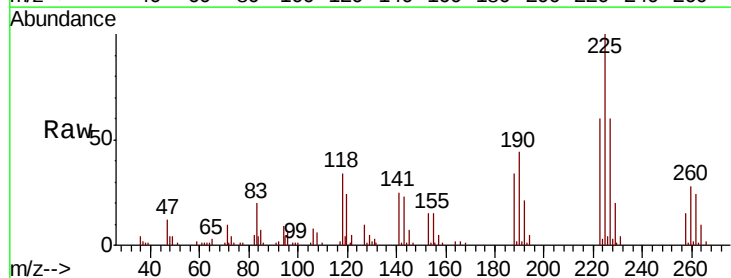


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

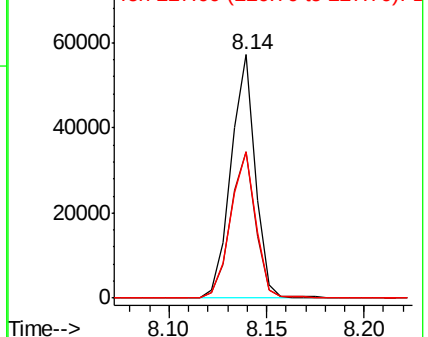
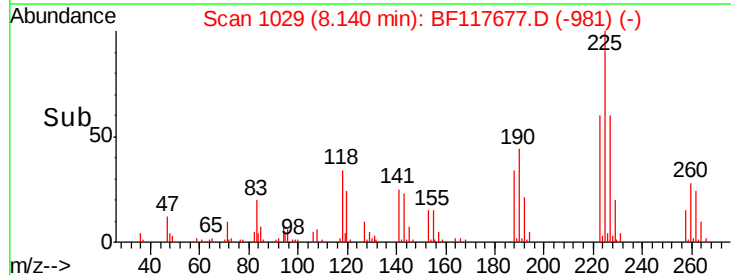


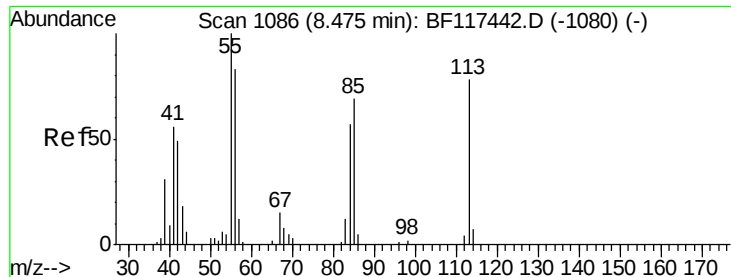
#34
Hexachlorobutadiene
Concen: 42.641 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:225 Resp: 49422
Ion Ratio Lower Upper
225 100
223 60.1 48.2 72.4
227 60.3 50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

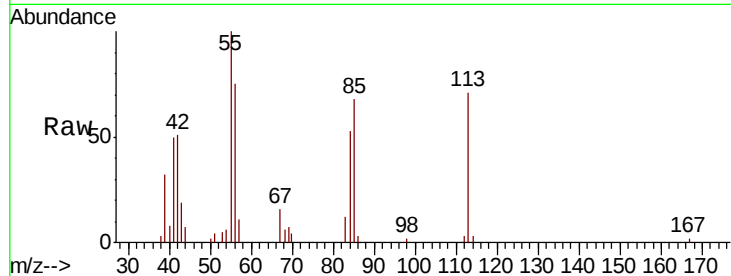




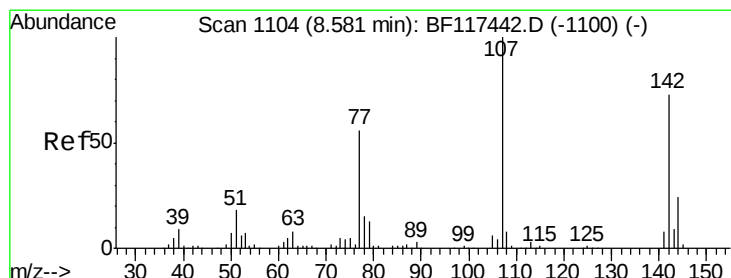
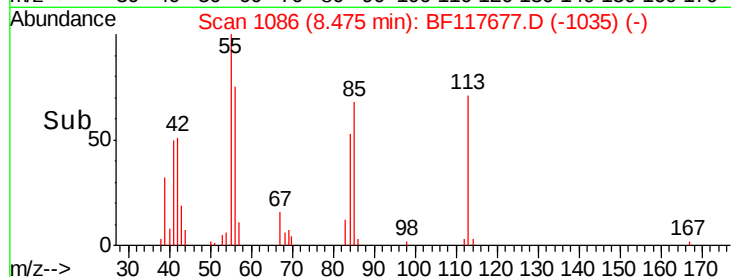
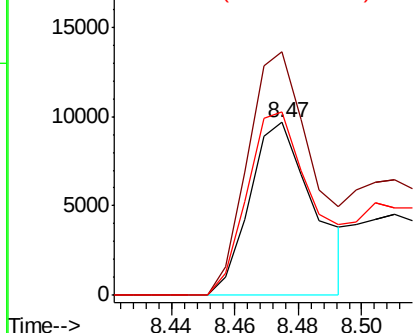
#35
Caprolactam
Concen: 22.682 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 13596
Ion Ratio Lower Upper
113 100
55 141.0 108.8 148.8
56 105.9 87.2 127.2

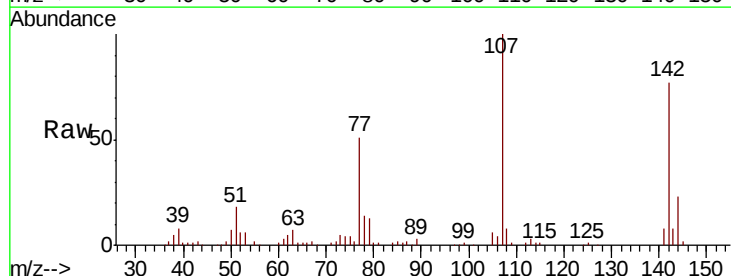


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

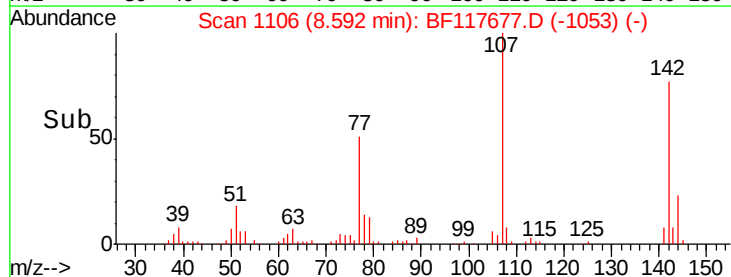
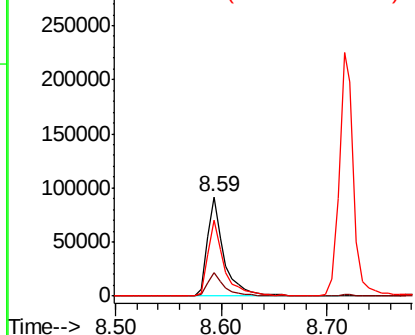


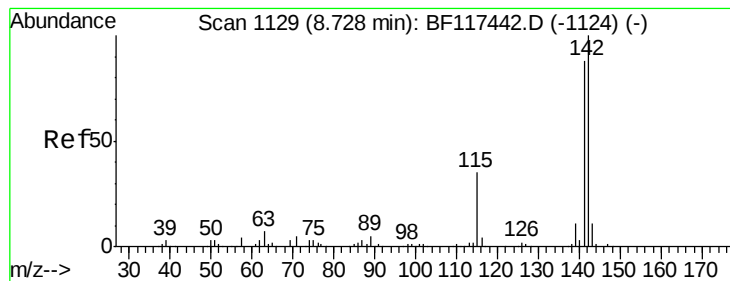
#36
4-Chloro-3-methylphenol
Concen: 47.755 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:107 Resp: 101628
Ion Ratio Lower Upper
107 100
144 23.0 18.9 28.3
142 76.6 58.6 88.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.339 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

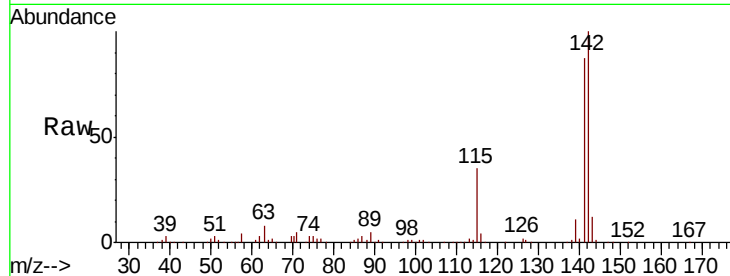
Tot Ion:142 Resp: 217512

Ion Ratio Lower Upper

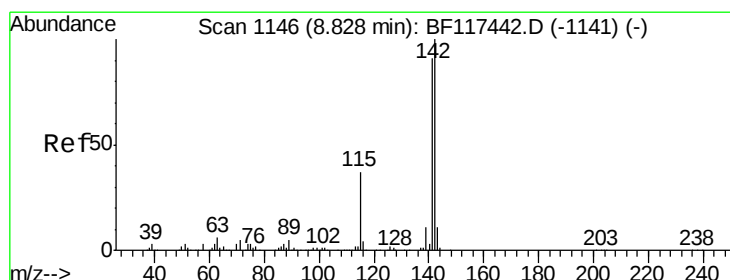
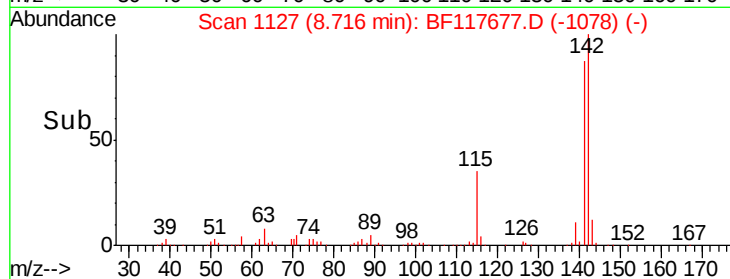
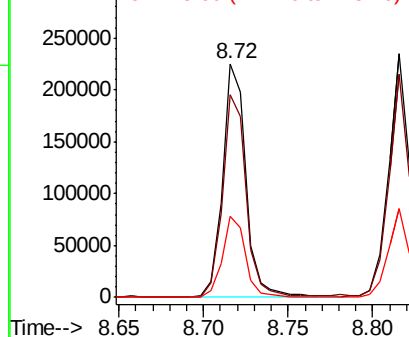
142 100

141 86.8 70.3 105.5

115 34.5 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.348 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

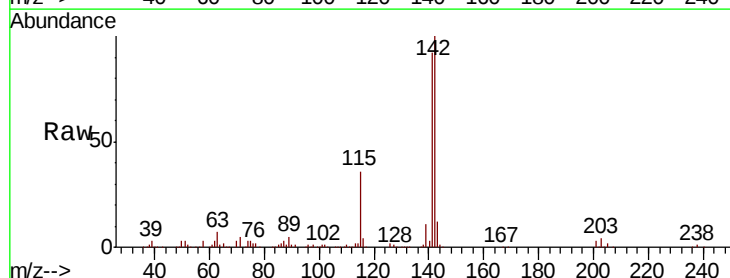
Tgt Ion:142 Resp: 204428

Ion Ratio Lower Upper

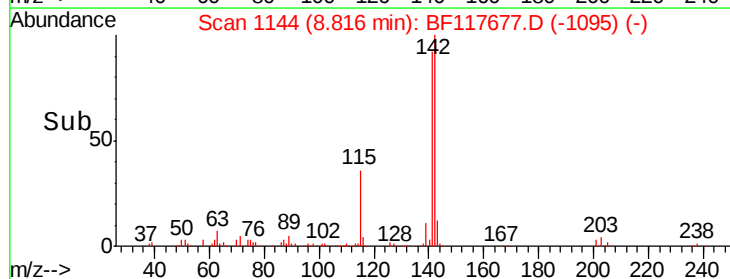
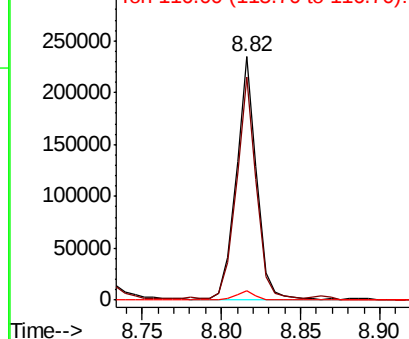
142 100

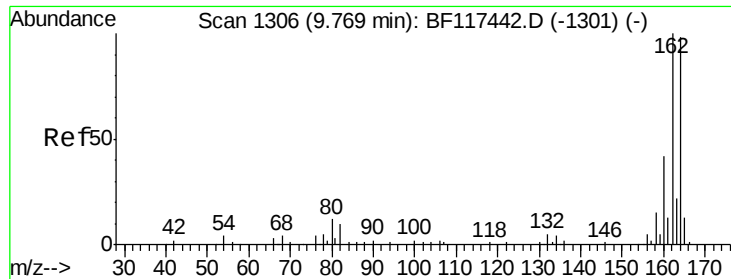
141 91.9 73.3 109.9

116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

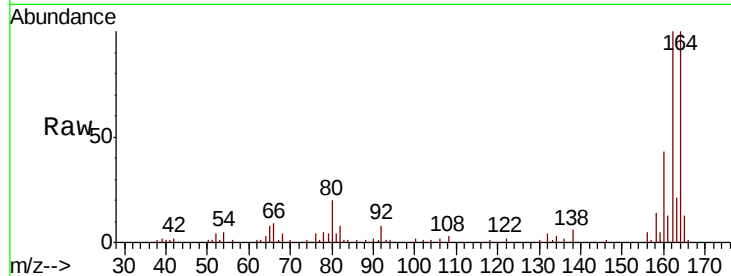




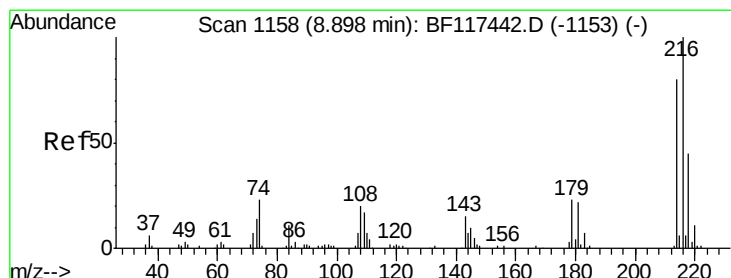
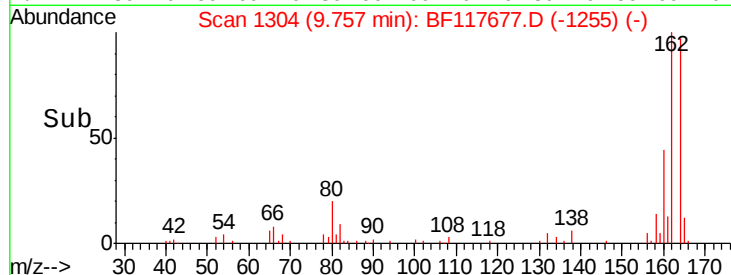
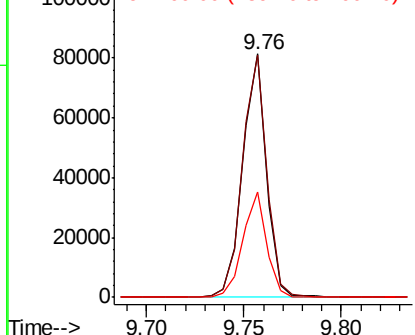
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 68718
Ion Ratio Lower Upper
164 100
162 99.5 81.8 122.6
160 43.4 34.4 51.6

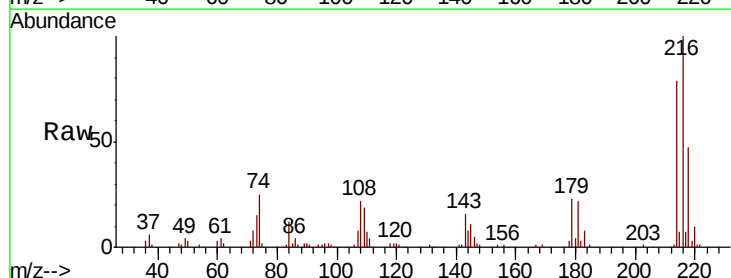


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

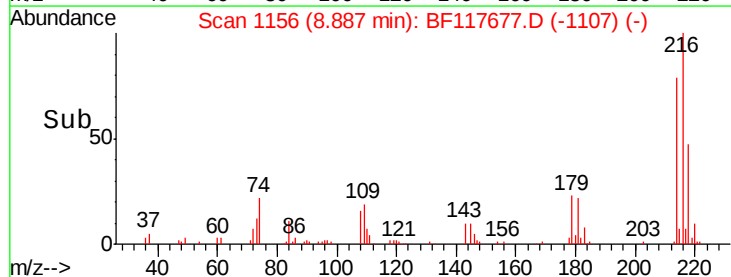
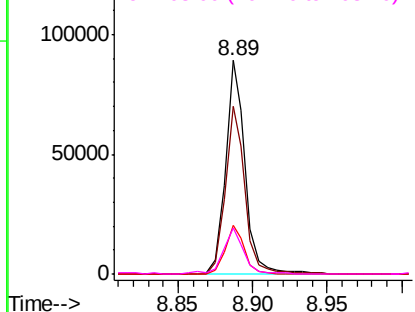


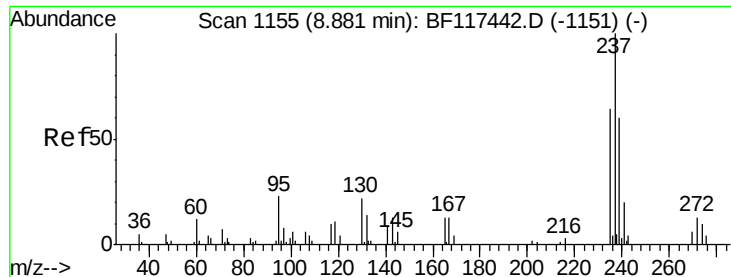
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.437 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:216 Resp: 82246
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 22.2 18.1 27.1
108 22.3 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.627 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

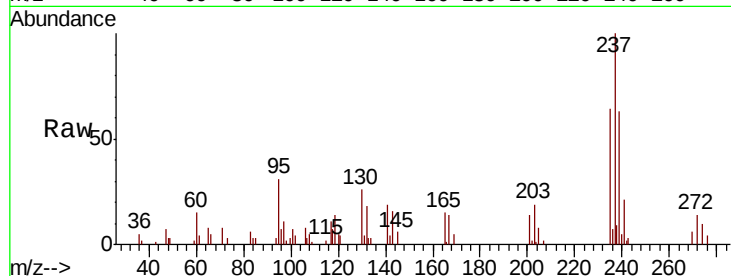
Tot Ion:237 Resp: 19784

Ion Ratio Lower Upper

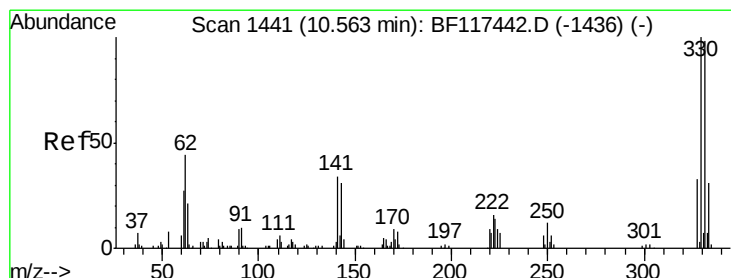
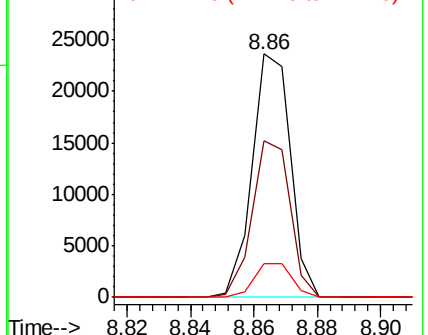
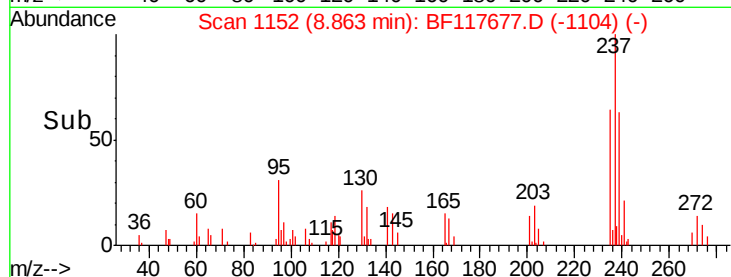
237 100

235 64.2 44.3 84.3

272 13.7 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.379 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

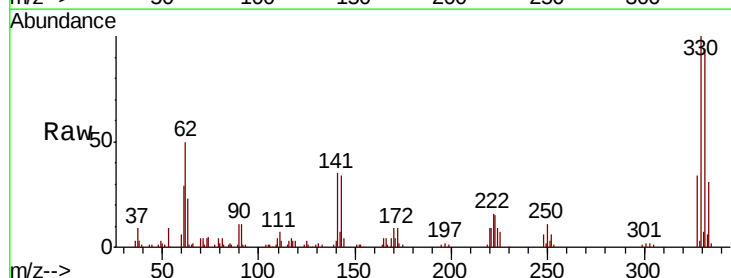
Tgt Ion:330 Resp: 72765

Ion Ratio Lower Upper

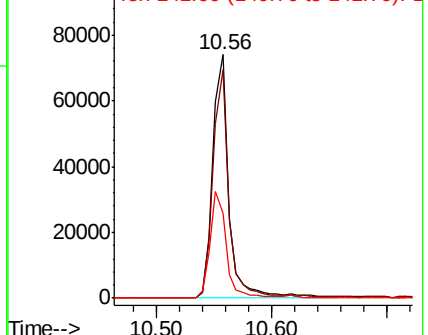
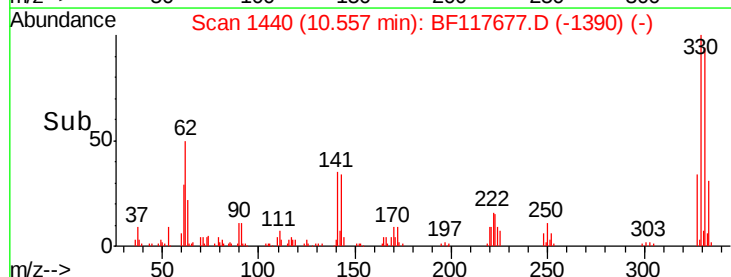
330 100

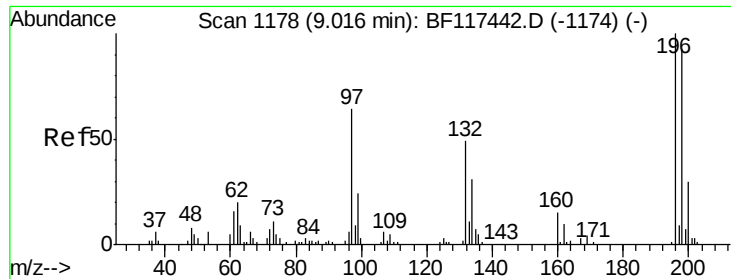
332 93.2 78.5 117.7

141 43.2 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

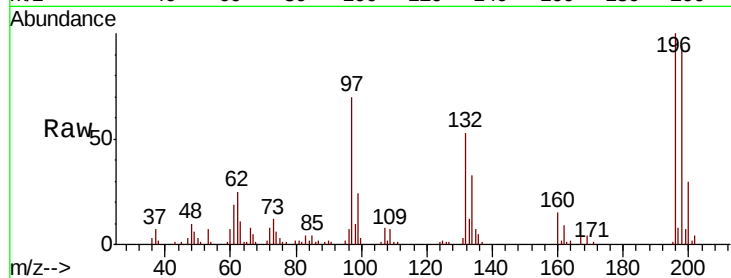




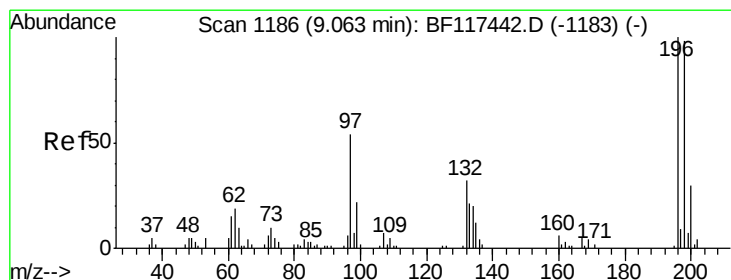
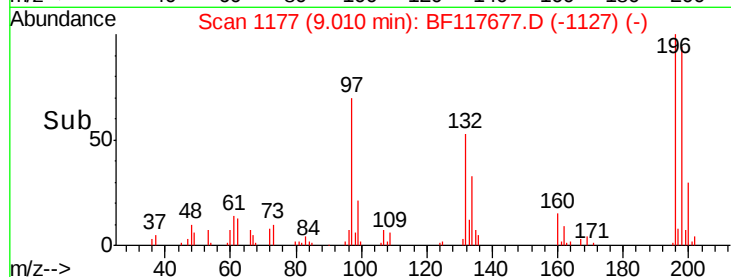
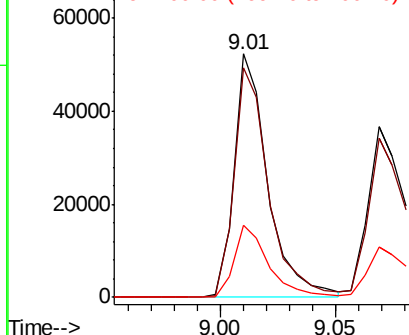
#43
 2,4,6-Trichlorophenol
 Concen: 45.792 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.1	111.1
200	29.6	23.9	35.9



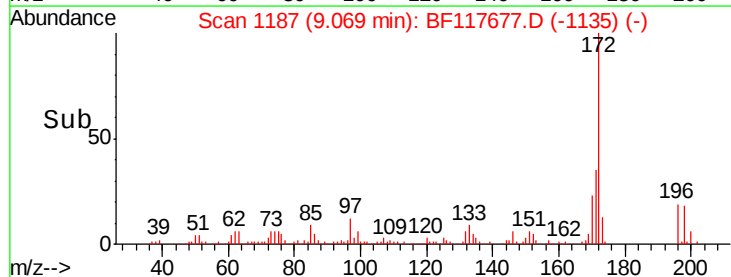
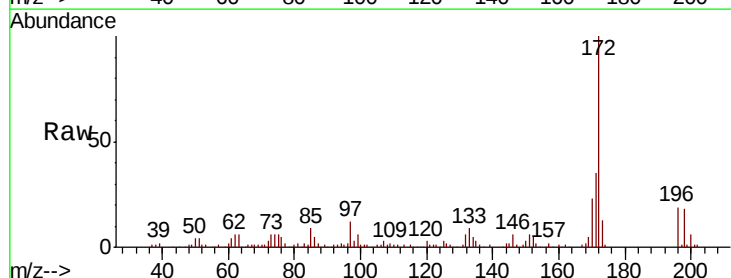
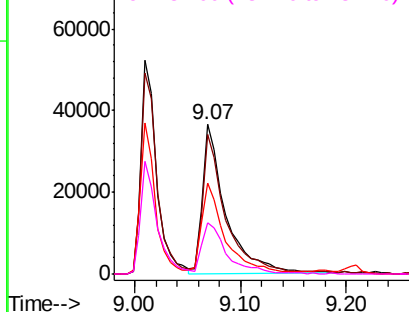
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

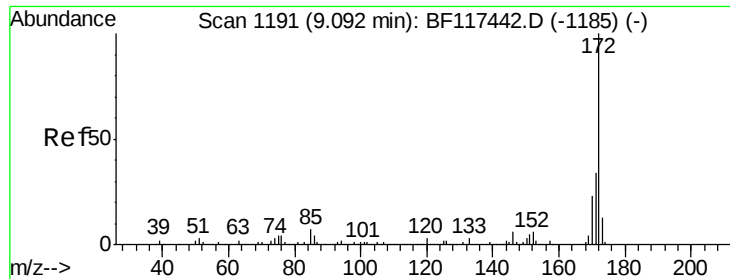


#44
 2,4,5-Trichlorophenol
 Concen: 46.882 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.6	117.8
97	61.0	43.4	65.2
132	34.4	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

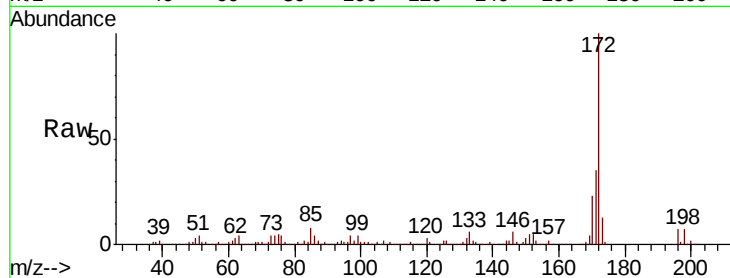




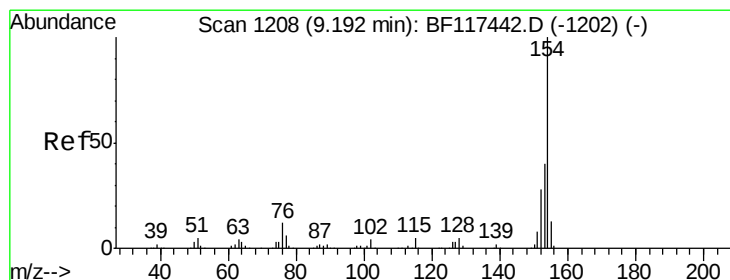
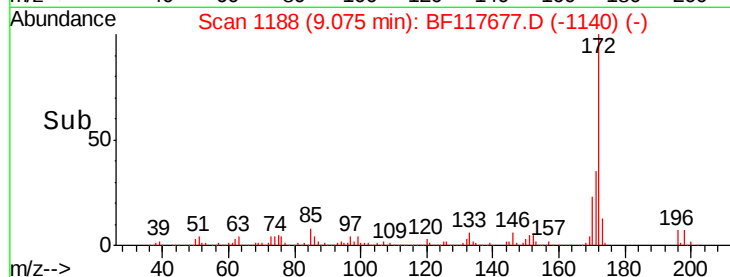
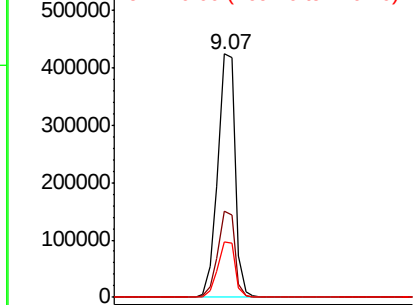
#45
2-Fluorobiphenyl
Concen: 86.141 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 420119
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 22.6 18.6 27.8

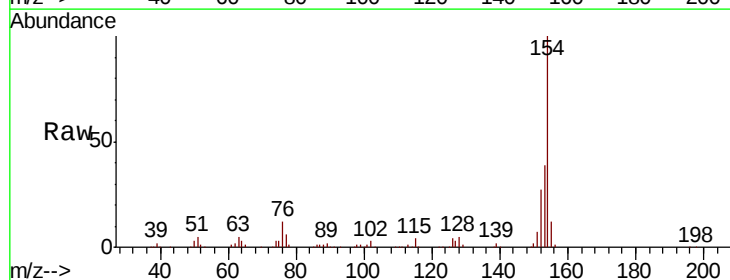


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

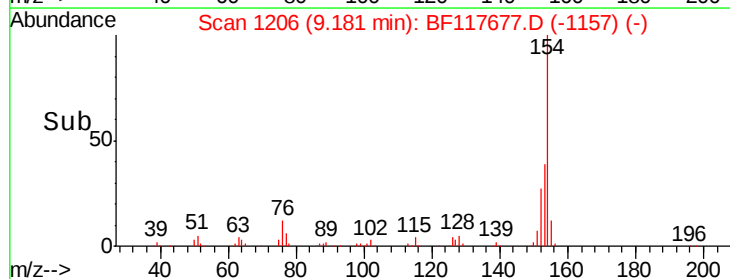
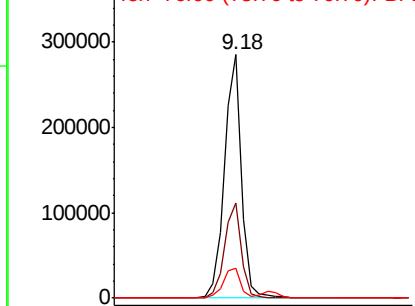


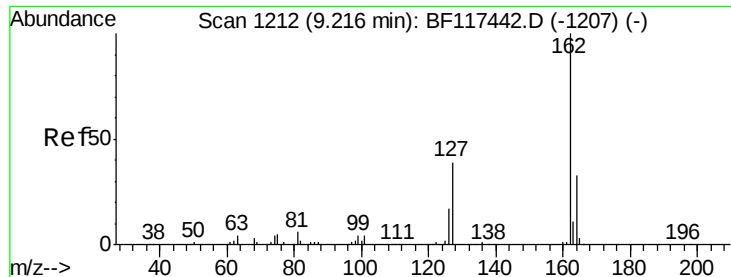
#46
1,1'-Biphenyl
Concen: 45.114 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:154 Resp: 256651
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 12.2 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

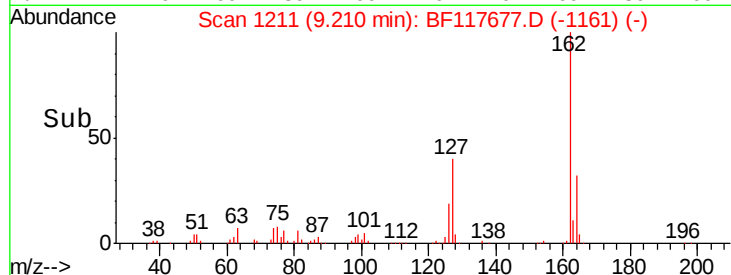
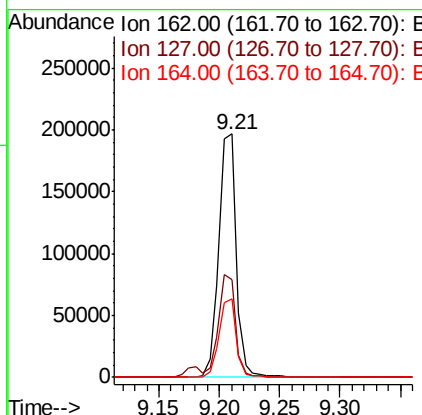
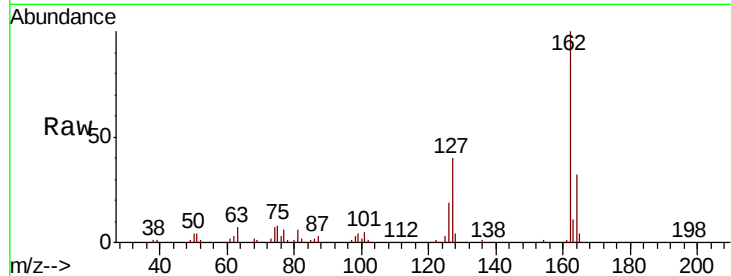




#47
 2-Chloronaphthalene
 Concen: 45.657 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

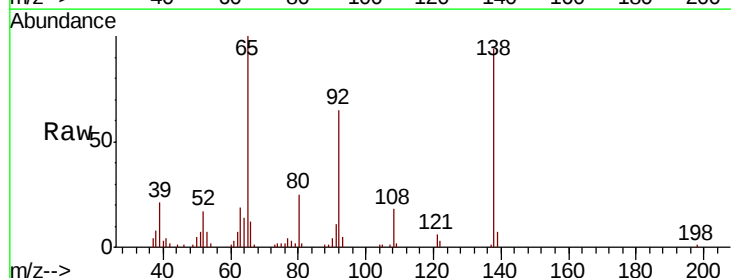
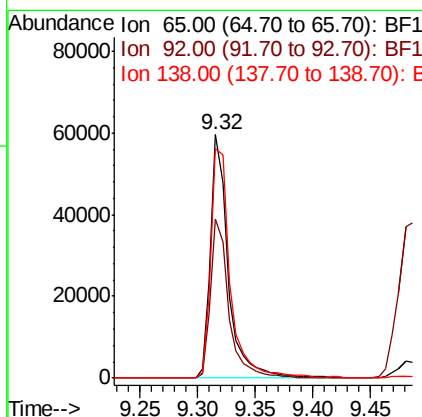
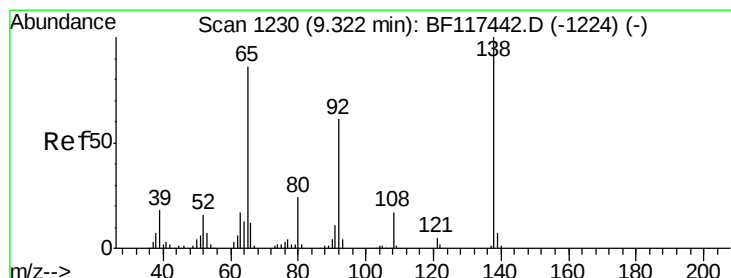
Instrument :
 BNA_F
 ClientSampleId :

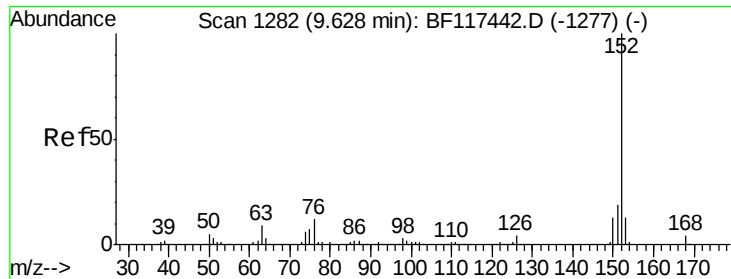
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.2	51.4
164	32.3	26.4	39.6



#48
 2-Nitroaniline
 Concen: 45.129 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	57.3	85.9
138	94.1	93.3	139.9

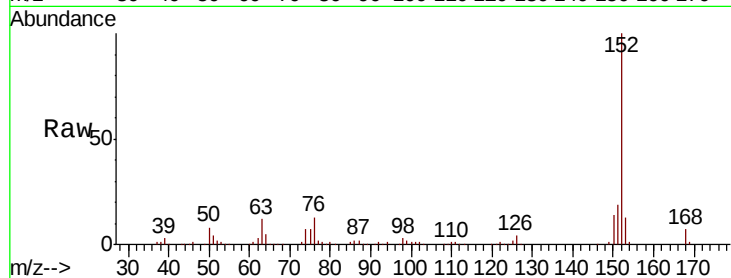




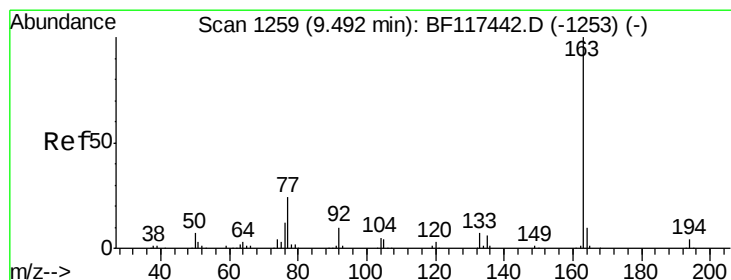
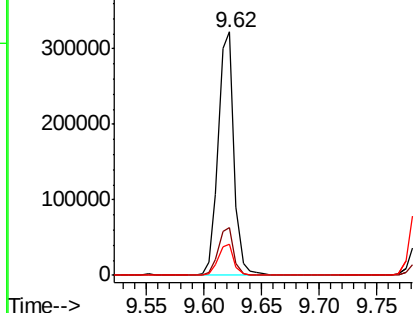
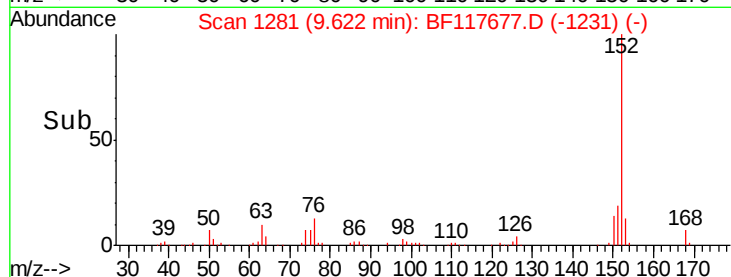
#49
Acenaphthylene
Concen: 48.750 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 307142
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0
153 12.9 10.3 15.5

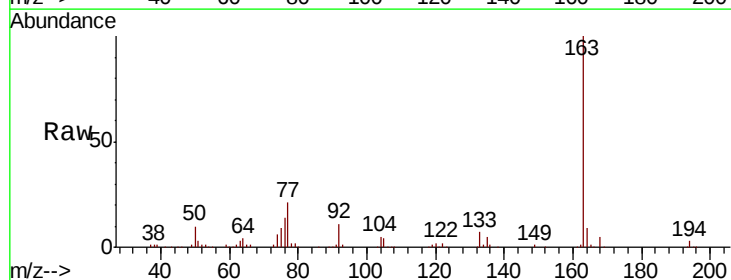


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

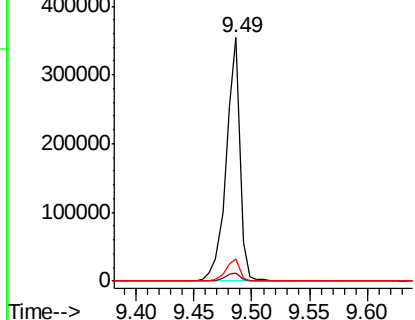
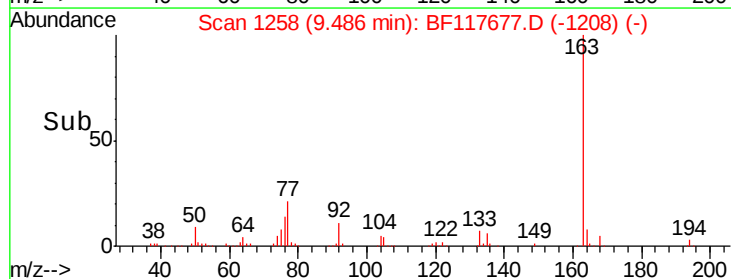


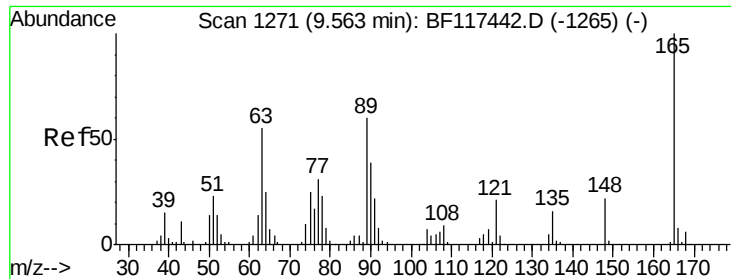
#50
Dimethylphthalate
Concen: 59.559 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:163 Resp: 291770
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

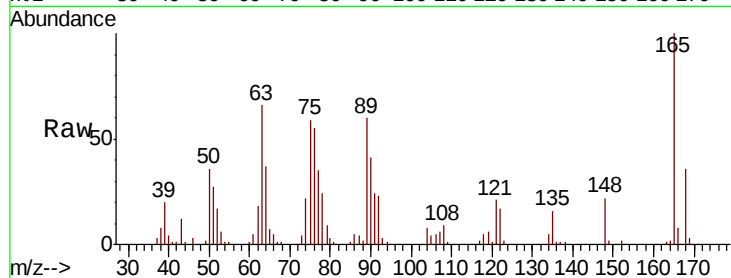




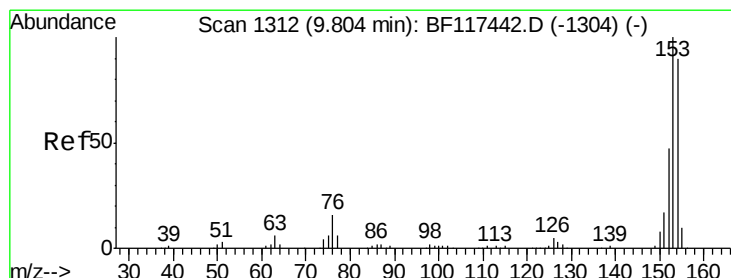
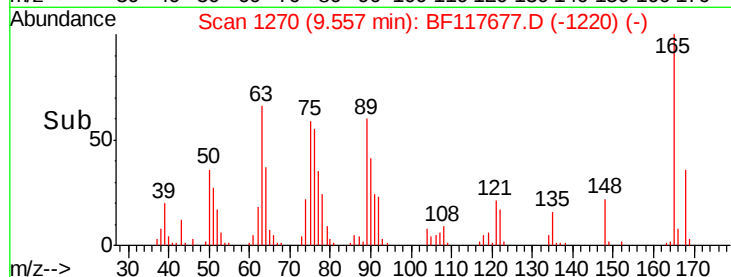
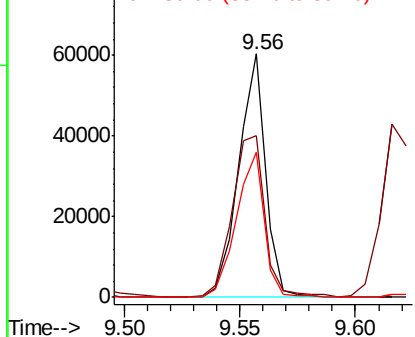
#51
 2,6-Dinitrotoluene
 Concen: 48.011 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 49080
 Ion Ratio Lower Upper
 165 100
 63 66.3 43.8 65.8#
 89 59.7 47.6 71.4

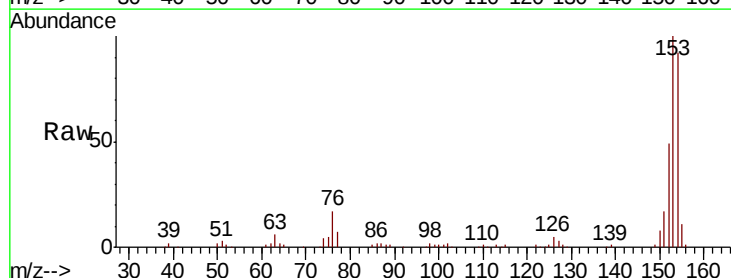


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

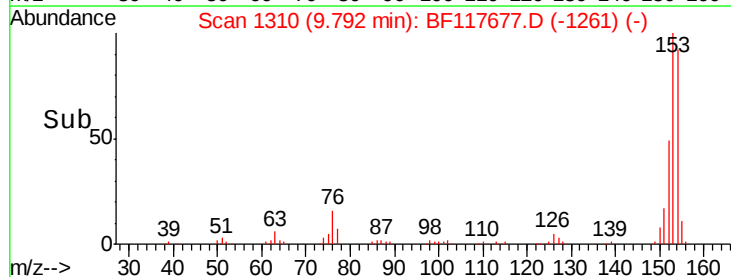
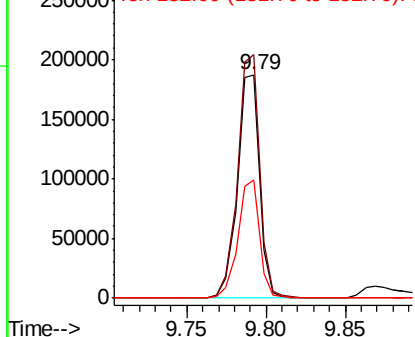


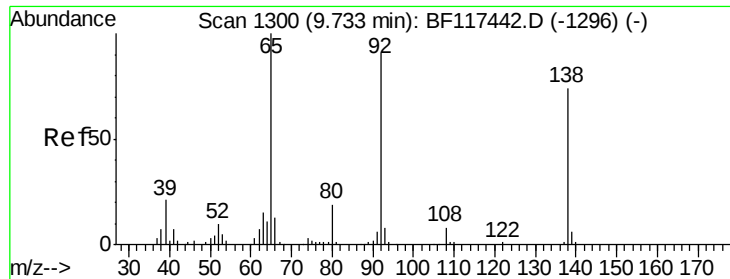
#52
 Acenaphthene
 Concen: 46.907 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:154 Resp: 181314
 Ion Ratio Lower Upper
 154 100
 153 109.1 89.2 133.8
 152 52.9 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

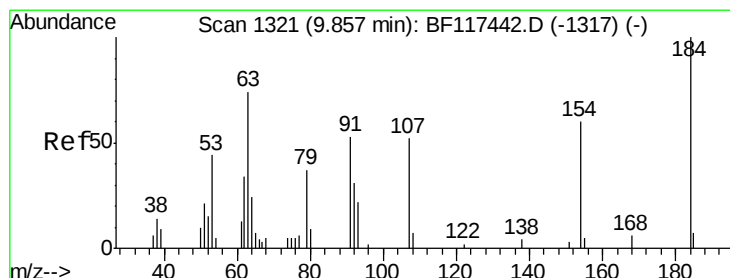
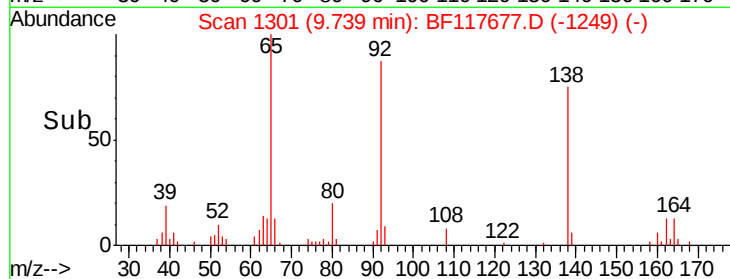
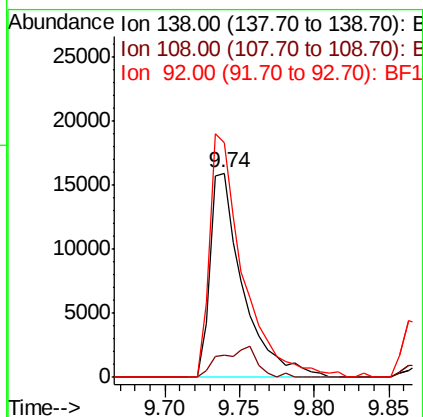
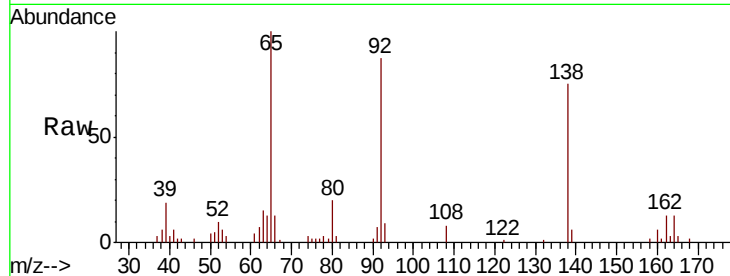




#53
 3-Nitroaniline
 Concen: 19.693 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

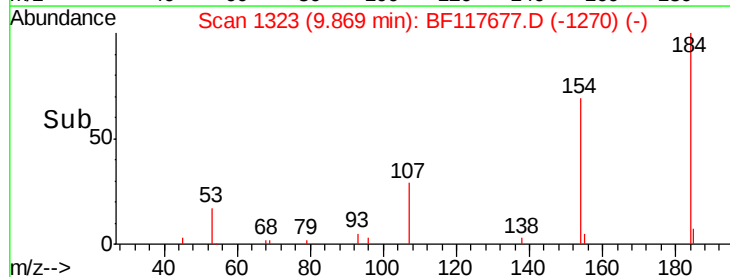
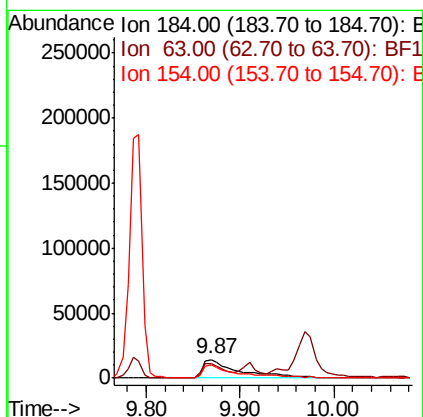
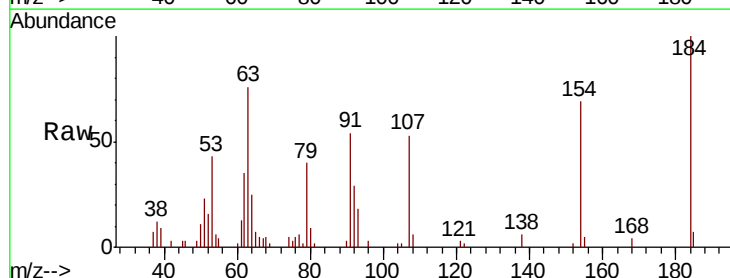
Instrument :
 BNA_F
 ClientSampleId :

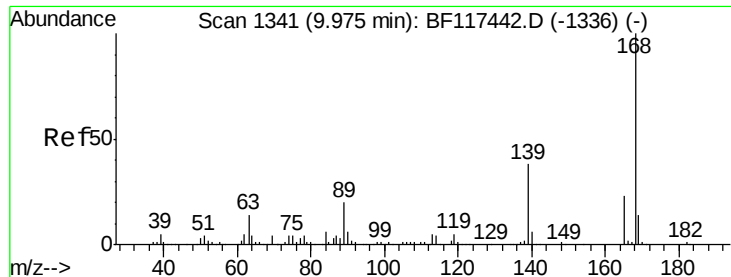
Tot Ion:138 Resp: 24426
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.7 13.1
 92 115.0 98.4 147.6



#54
 2,4-Dinitrophenol
 Concen: 90.792 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:184 Resp: 38669
 Ion Ratio Lower Upper
 184 100
 63 75.8 59.2 88.8
 154 68.9 53.4 80.0

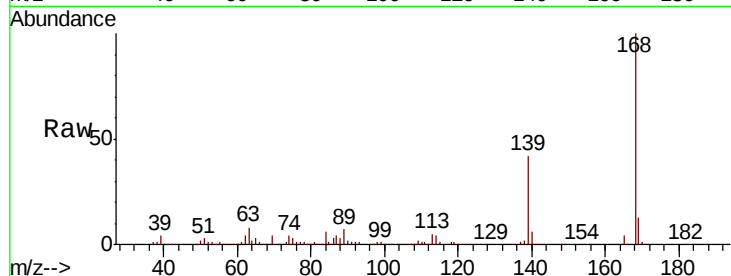




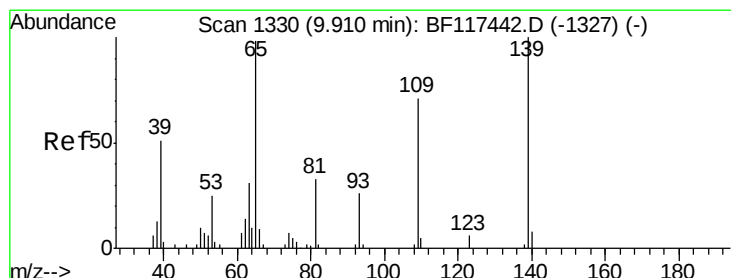
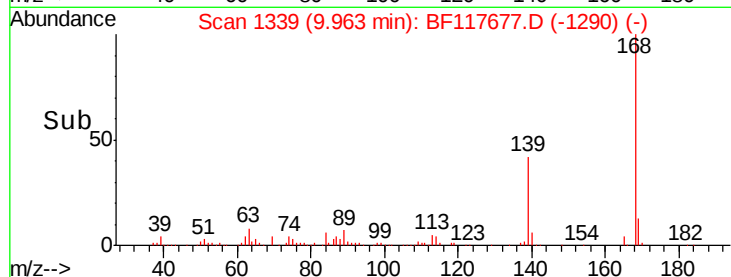
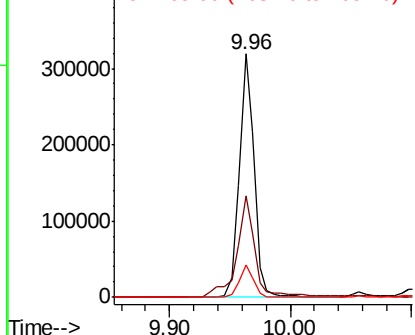
#55
Dibenzenofuran
Concen: 48.712 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 272802
Ion Ratio Lower Upper
168 100
139 41.8 31.8 47.6
169 13.1 11.2 16.8

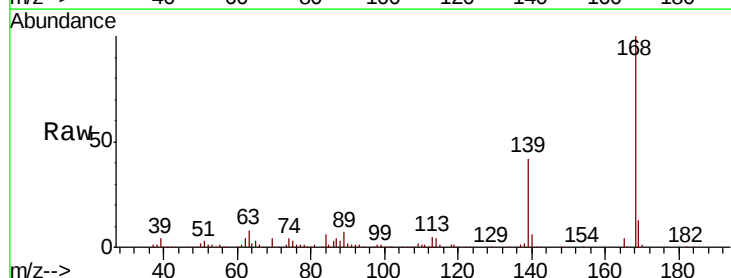


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

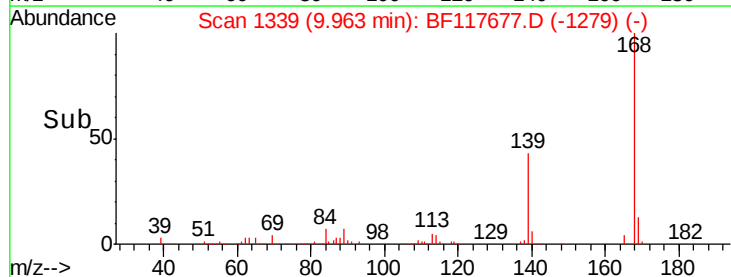
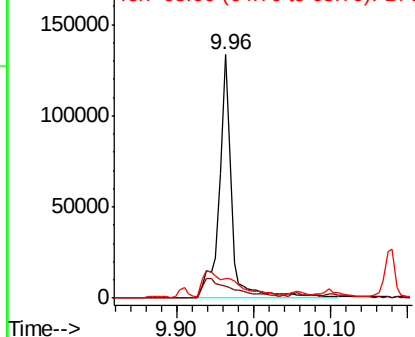


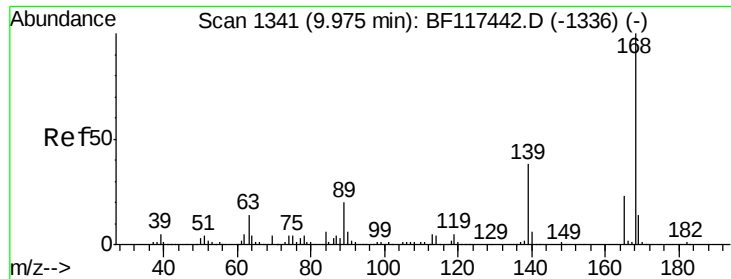
#56
4-Nitrophenol
Concen: 254.149 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:139 Resp: 150519
Ion Ratio Lower Upper
139 100
109 4.9 51.4 91.4#
65 8.0 79.4 119.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

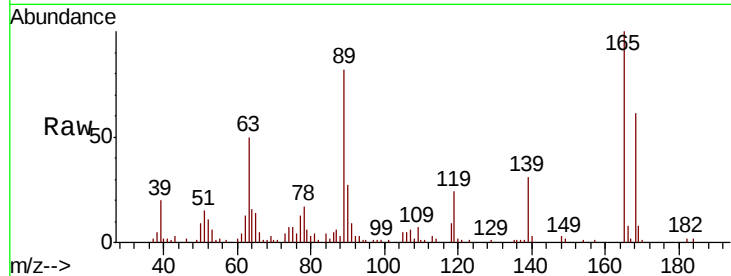




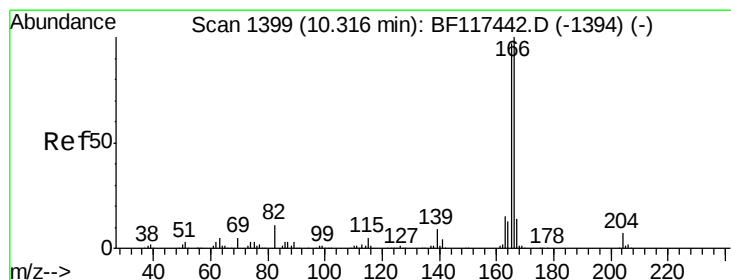
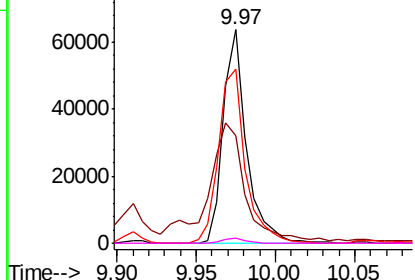
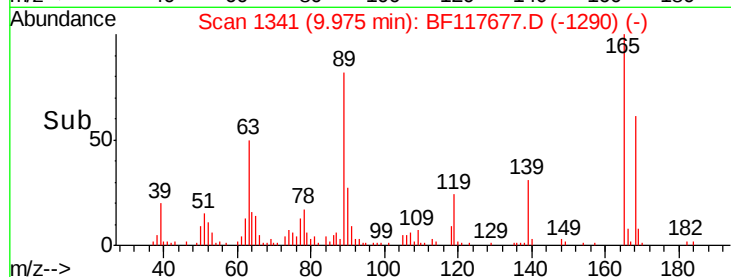
#57
2,4-Dinitrotoluene
Concen: 47.679 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 64802
Ion Ratio Lower Upper
165 100
63 50.1 51.4 77.0#
89 81.6 69.9 104.9
182 2.5 1.9 2.9

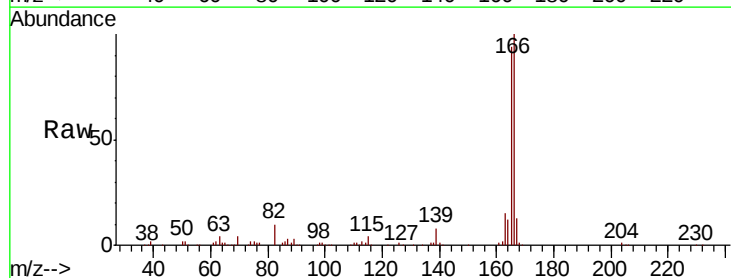


Abundance Ion 165.00 (164.70 to 165.70): E
100000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

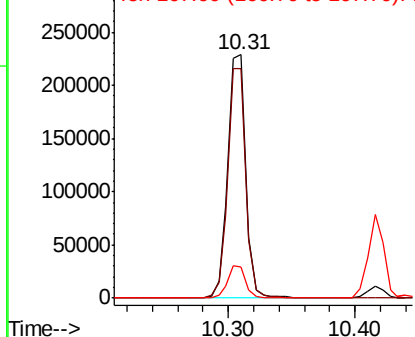
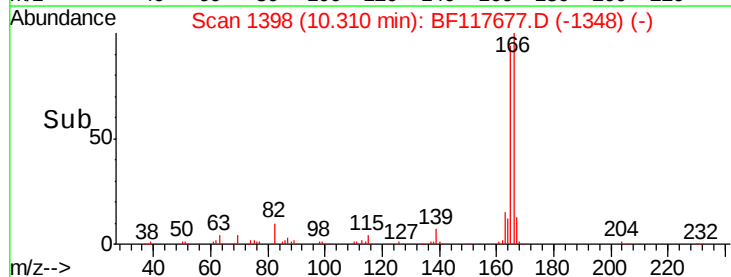


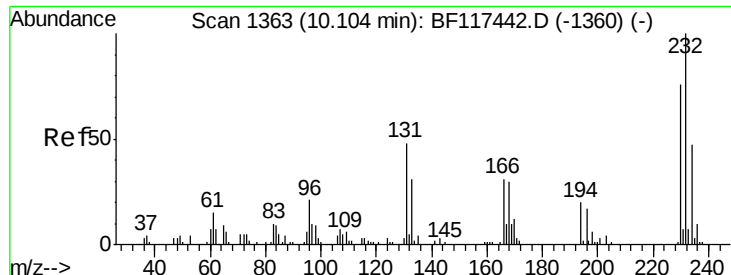
#58
Fluorene
Concen: 48.136 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:166 Resp: 222928
Ion Ratio Lower Upper
166 100
165 94.2 77.6 116.4
167 12.7 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
300000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

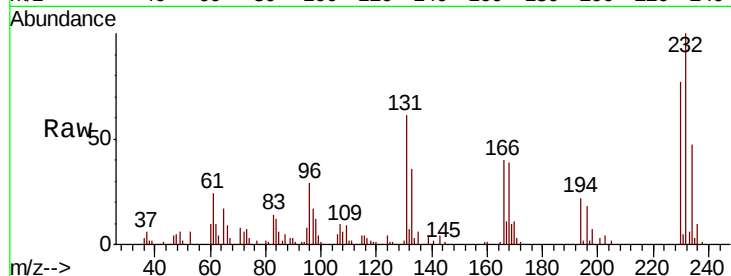




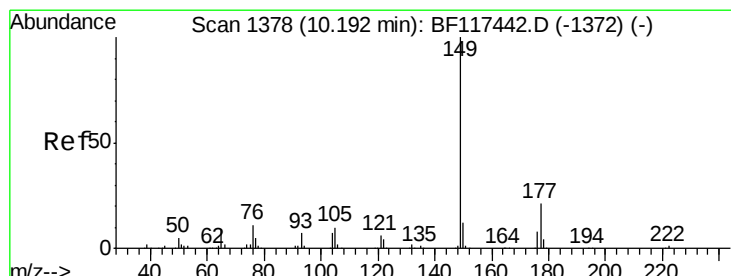
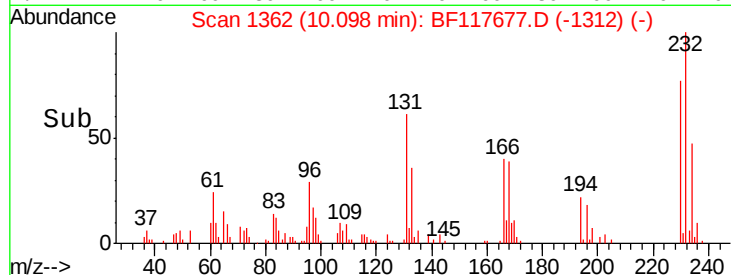
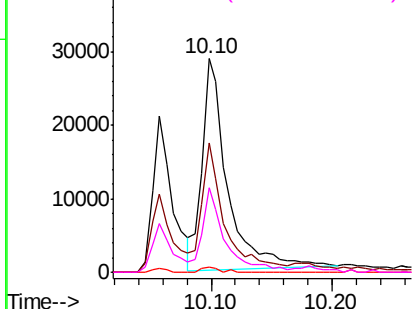
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.928 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 41473
 Ion Ratio Lower Upper
 232 100
 131 53.8 42.6 63.8
 130 1.9 2.2 3.4#
 166 33.1 27.5 41.3

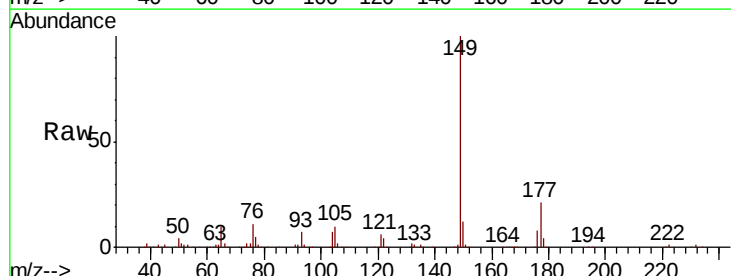


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

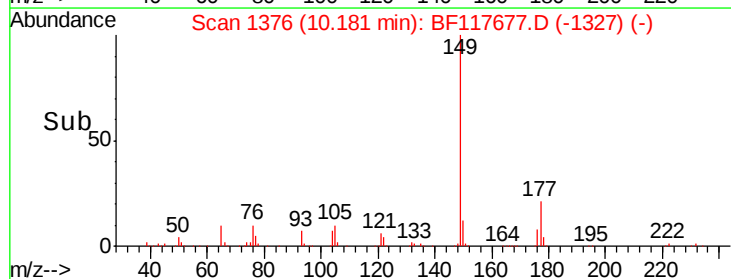
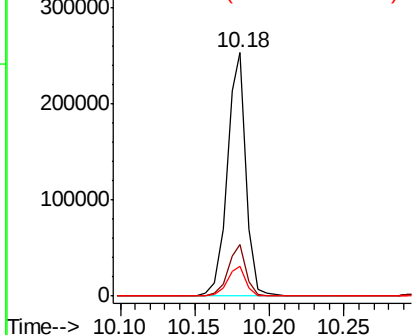


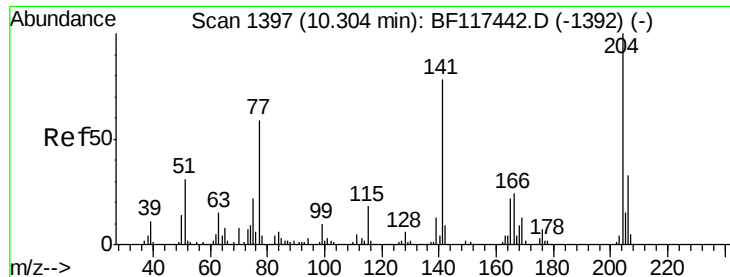
#60
 Diethylphthalate
 Concen: 45.401 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:149 Resp: 224964
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.0 25.4
 150 12.1 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

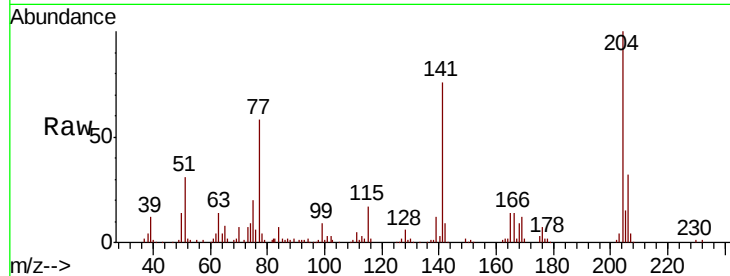




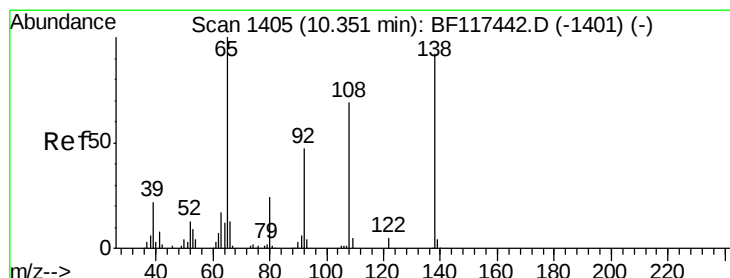
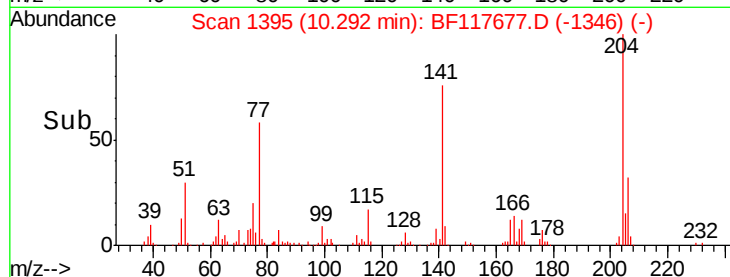
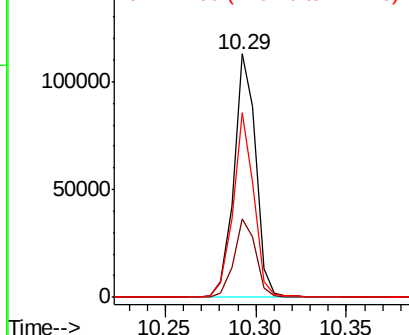
#61
 4-Chlorophenyl-phenylether
 Concen: 45.788 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 95139
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.3 39.5
 141 76.1 62.2 93.4

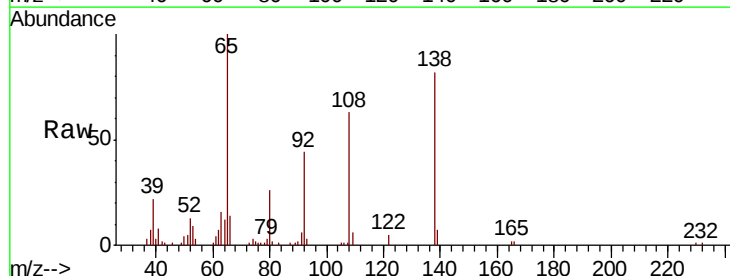


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

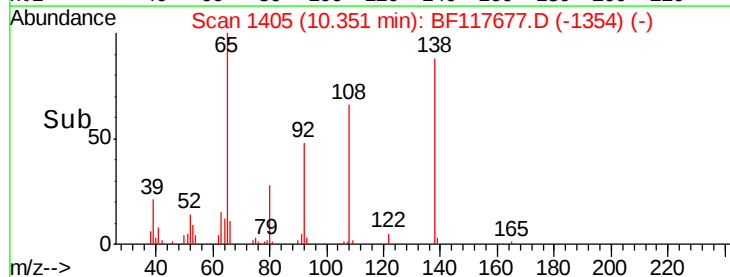
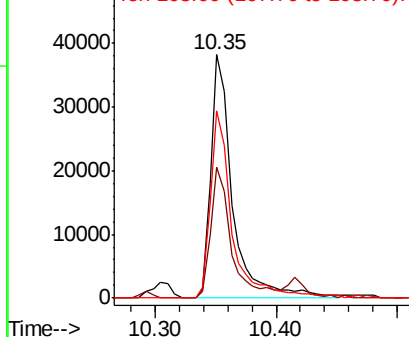


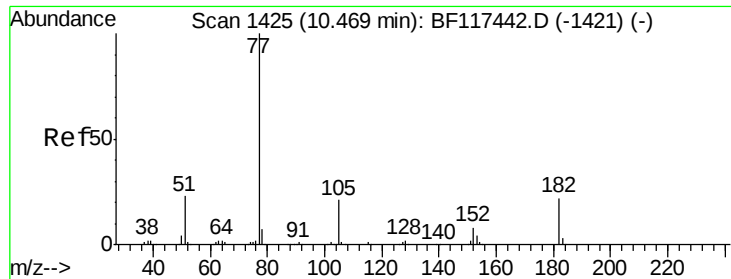
#62
 4-Nitroaniline
 Concen: 40.676 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:138 Resp: 47554
 Ion Ratio Lower Upper
 138 100
 92 54.0 30.3 70.3
 108 77.2 54.9 94.9



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

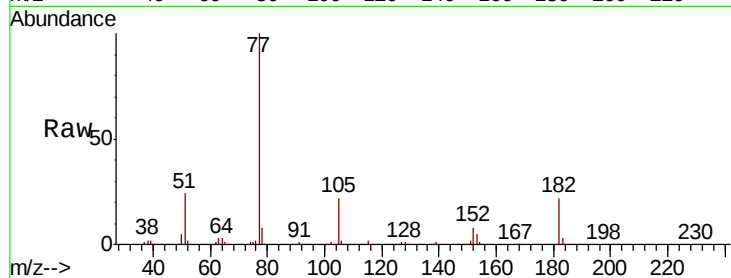




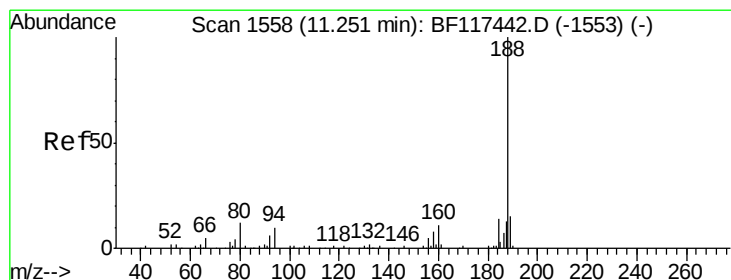
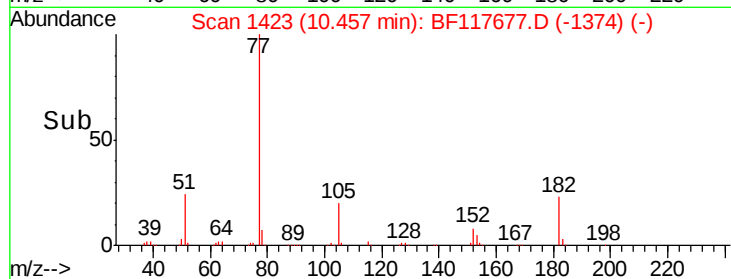
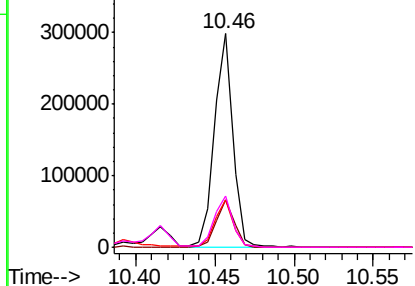
#63
Azobenzene
Concen: 47.741 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	242163
Ion	Ratio	Lower	Upper
77	100		
182	22.5	2.3	42.3
105	22.1	1.3	41.3
51	24.2	3.5	43.5

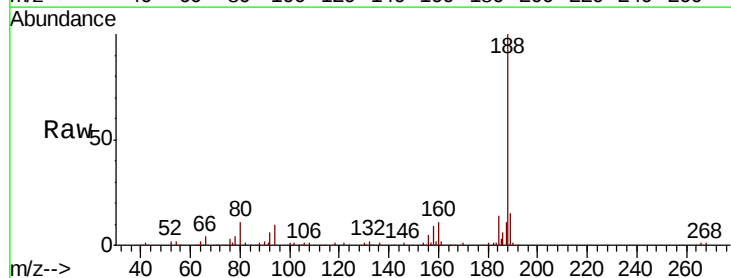


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

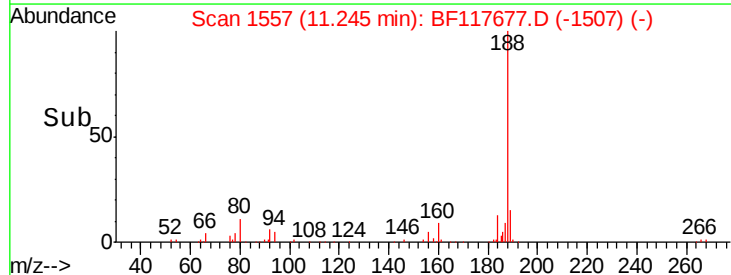
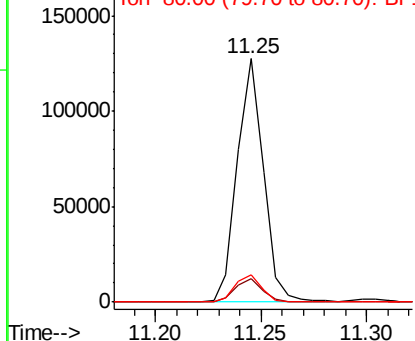


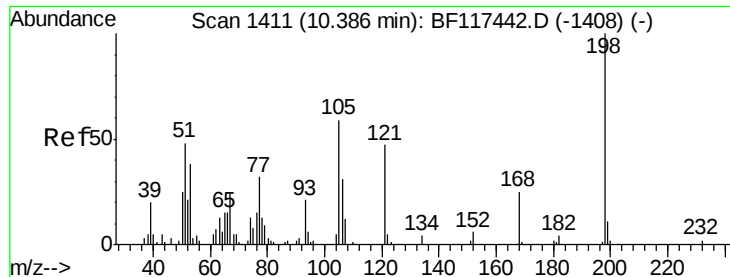
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:	188	Resp:	109591
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	11.1	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.826 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

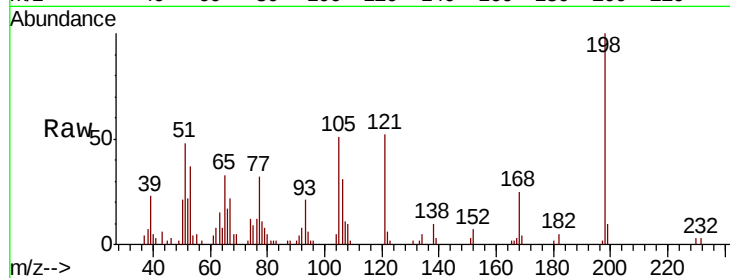
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 26091

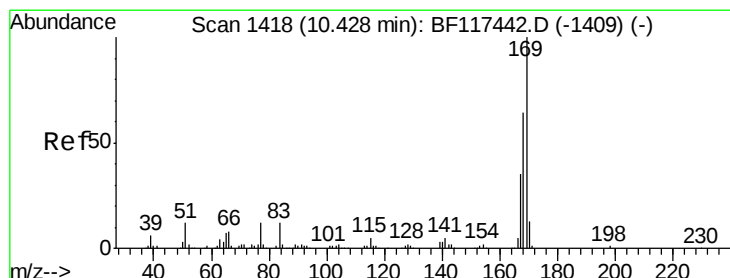
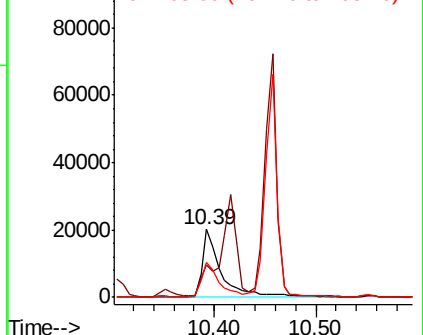
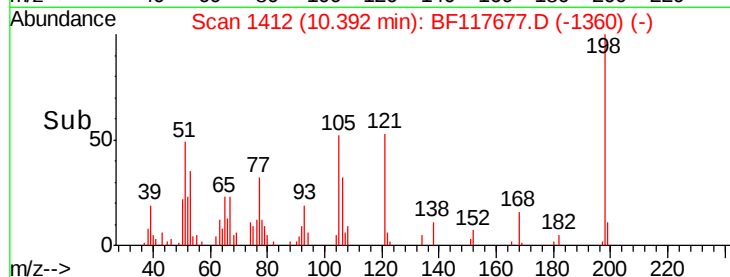
Ion	Ratio	Lower	Upper
198	100		
51	48.3	29.1	69.1
105	51.1	39.4	79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.333 ng

RT: 10.42 min Scan# 1416

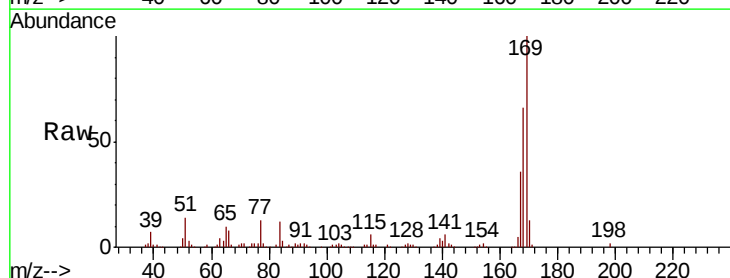
Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion:169 Resp: 185630

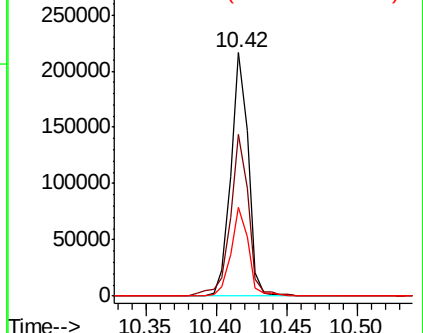
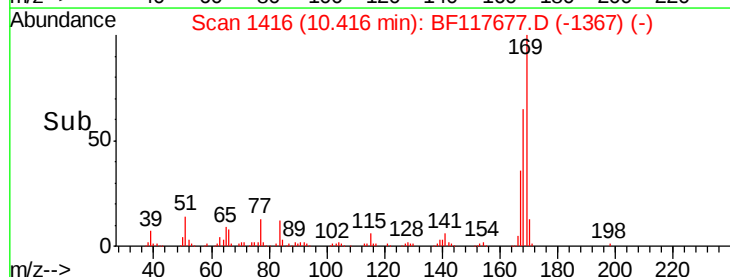
Ion	Ratio	Lower	Upper
169	100		
168	66.2	51.3	76.9
167	36.3	28.2	42.4

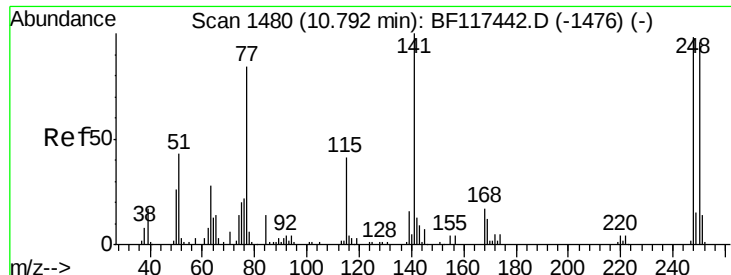


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

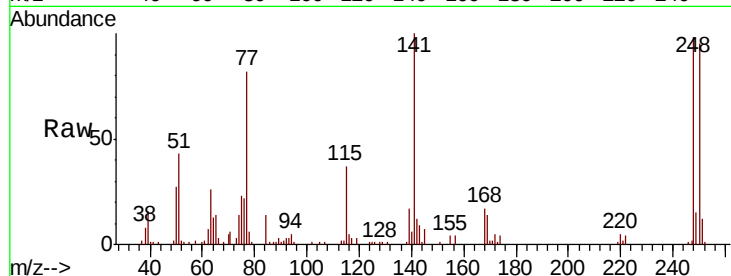




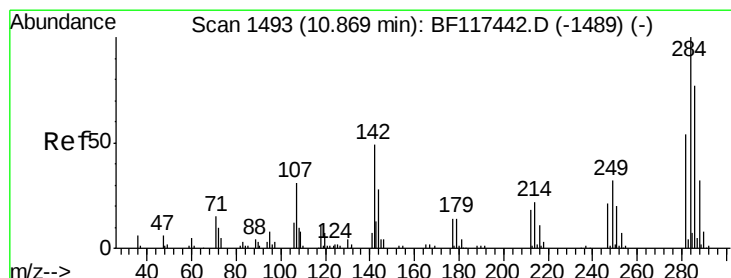
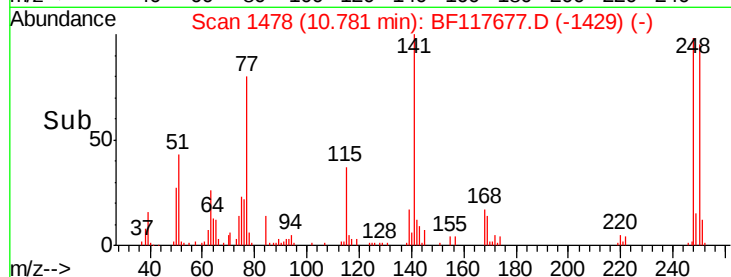
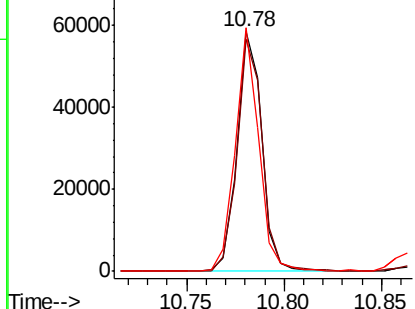
#67
 4-Bromophenyl-phenylether
 Concen: 43.268 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 51074
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.0 117.0
 141 101.6 81.7 122.5

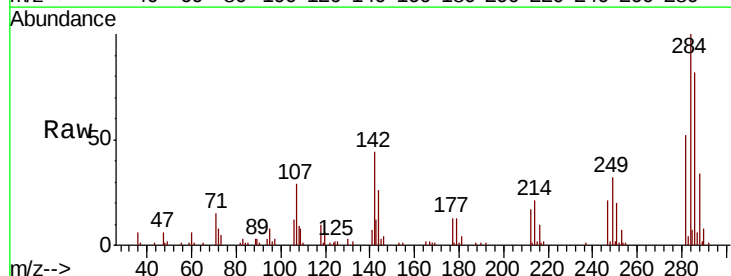


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

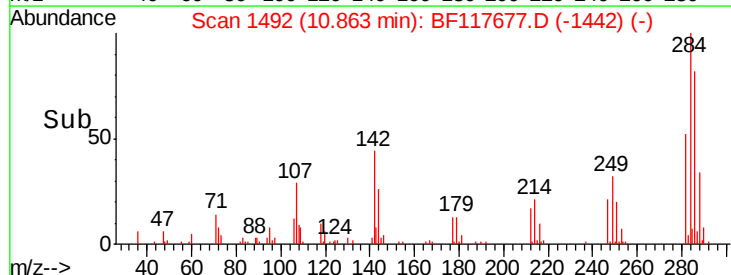
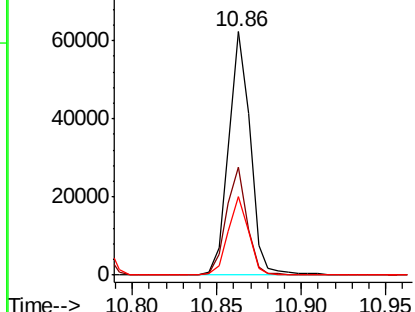


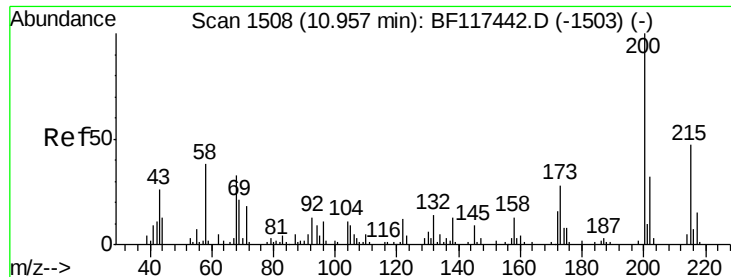
#68
 Hexachlorobenzene
 Concen: 43.633 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:284 Resp: 55159
 Ion Ratio Lower Upper
 284 100
 142 44.3 39.0 58.6
 249 32.4 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

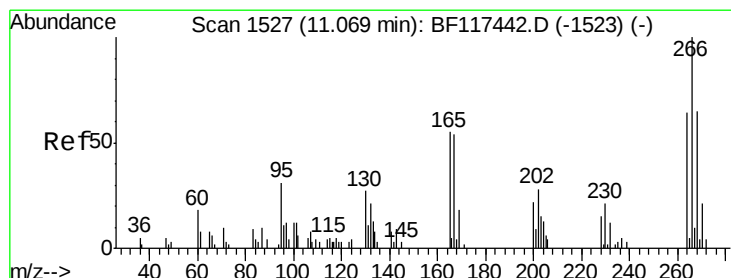
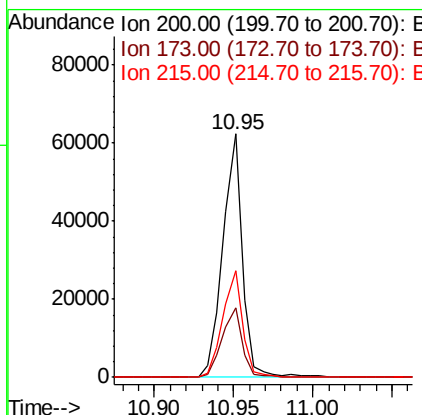
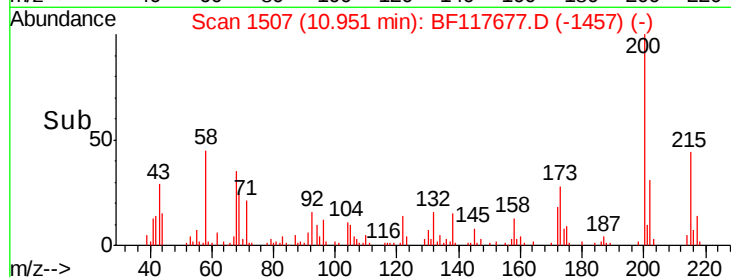
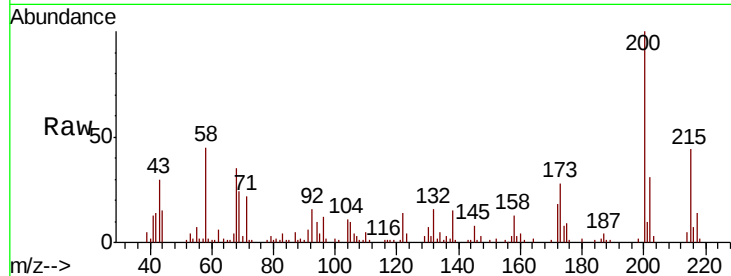




#69
Atrazine
Concen: 52.379 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

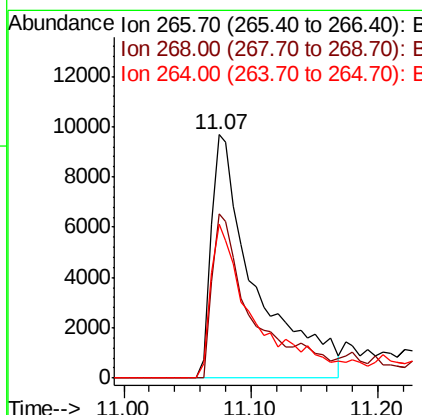
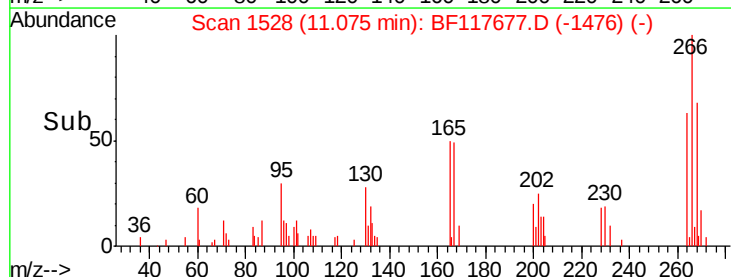
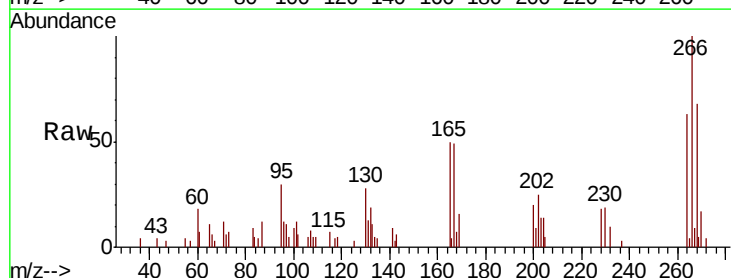
Instrument :
BNA_F
ClientSampleId :

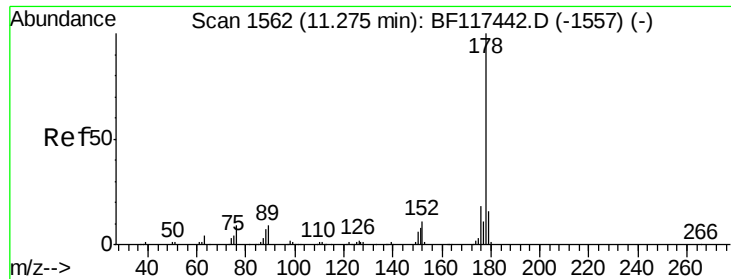
Tot Ion:200 Resp: 53392
Ion Ratio Lower Upper
200 100
173 28.4 8.2 48.2
215 44.0 26.8 66.8



#70
Pentachlorophenol
Concen: 62.036 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:266 Resp: 23510
Ion Ratio Lower Upper
266 100
268 67.7 51.6 77.4
264 63.4 51.4 77.2

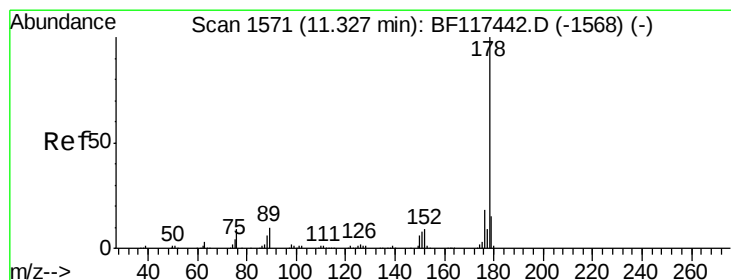
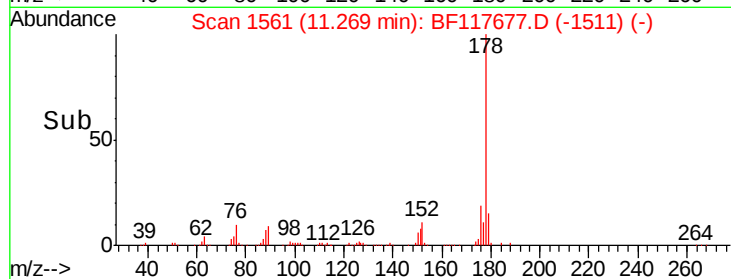
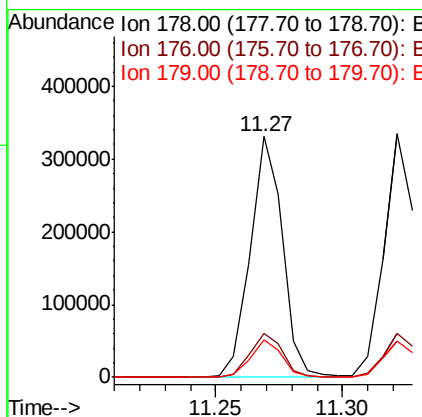
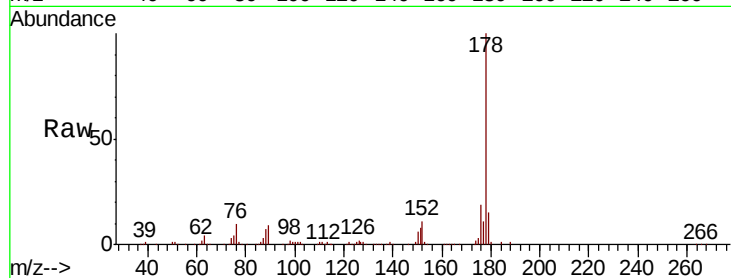




#71
Phenanthrene
Concen: 46.422 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

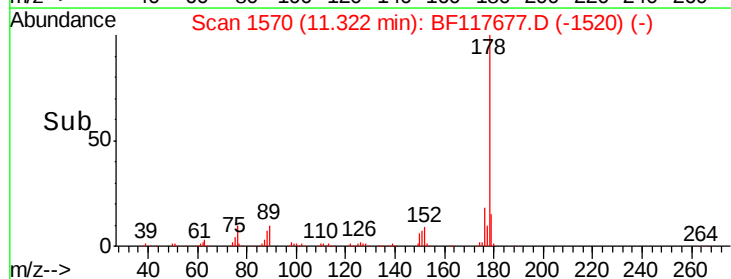
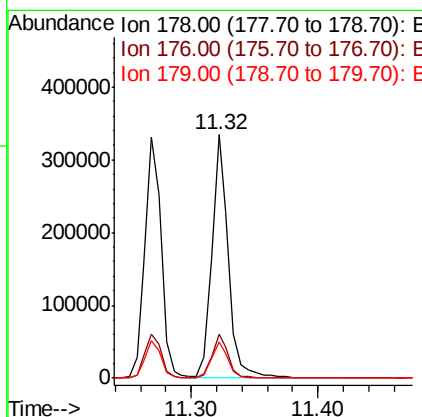
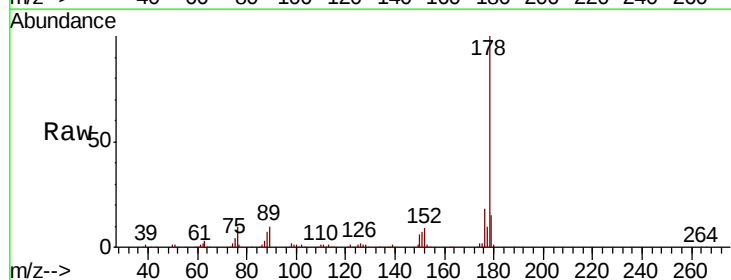
Instrument :
BNA_F
ClientSampleId :

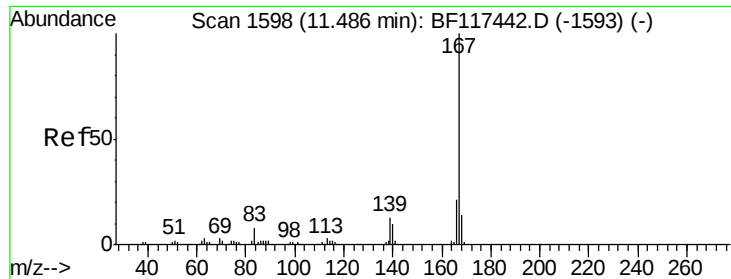
Tot Ion:178 Resp: 295409
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 47.025 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:178 Resp: 307041
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.1 12.2 18.2

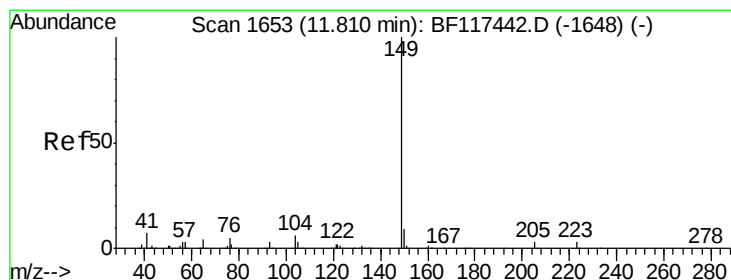
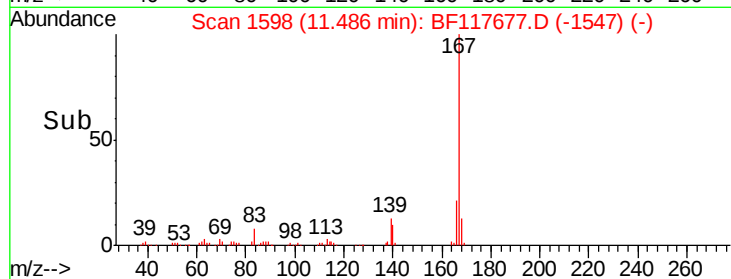
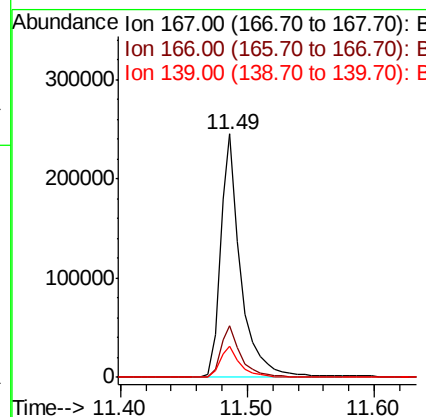
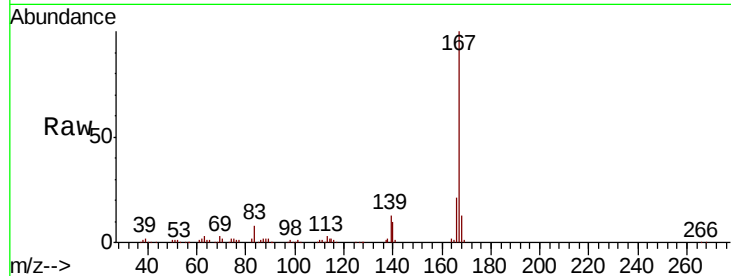




#73
 Carbazole
 Concen: 45.820 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

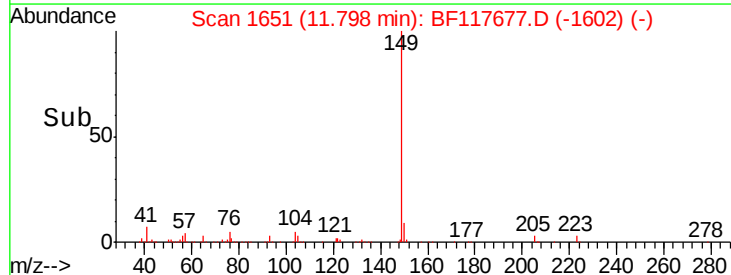
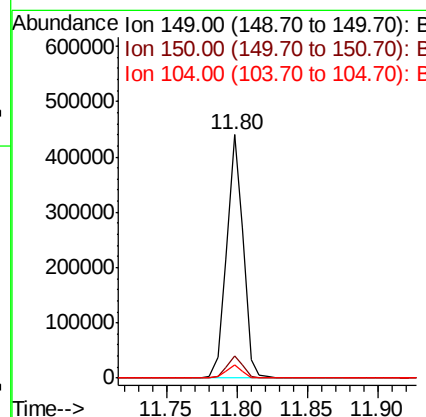
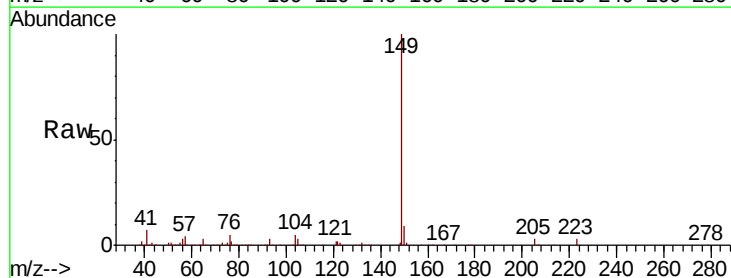
Instrument :
 BNA_F
 ClientSampleId :

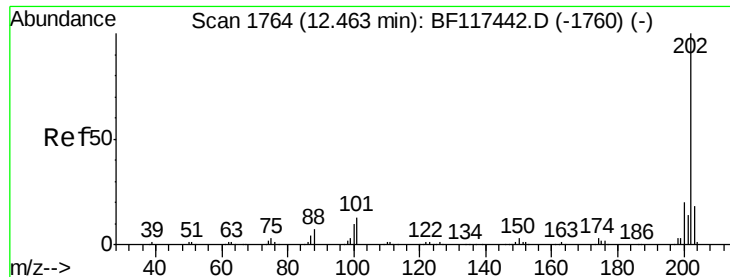
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 44.804 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.3	4.6	6.8





#75

Fluoranthene

Concen: 45.405 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

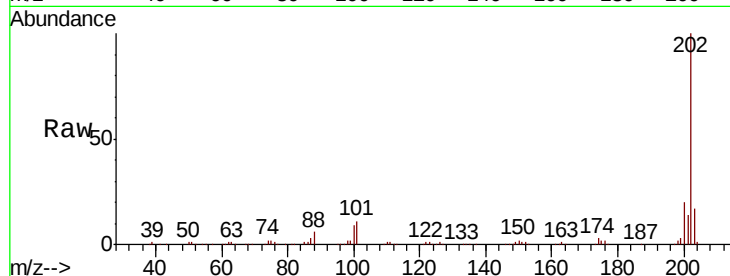
Tot Ion:202 Resp: 289251

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.7

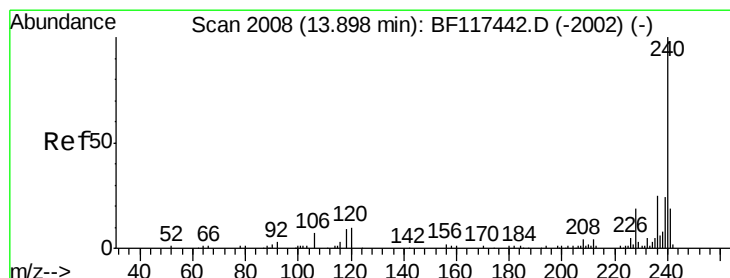
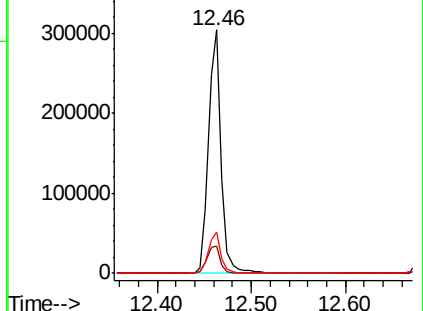
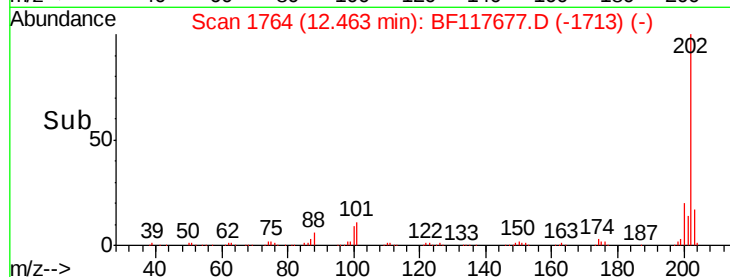
203 17.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

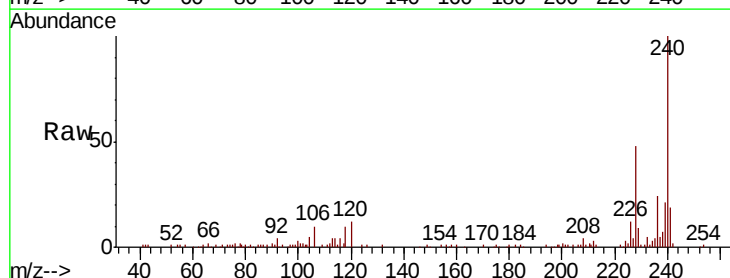
Tgt Ion:240 Resp: 68308

Ion Ratio Lower Upper

240 100

120 11.6 8.4 12.6

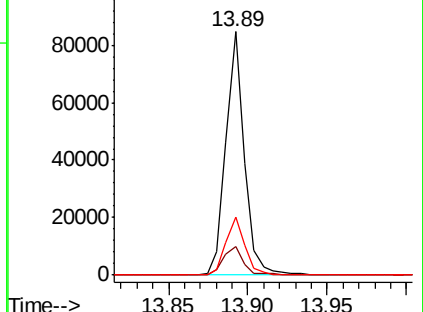
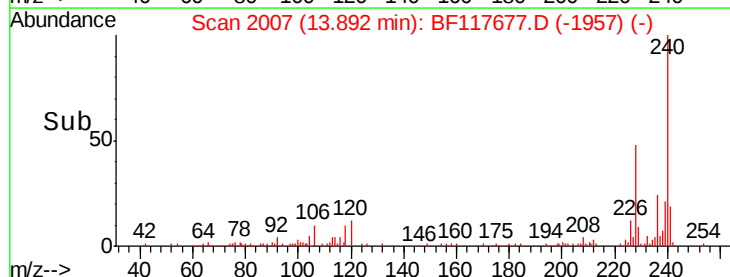
236 24.0 20.0 30.0

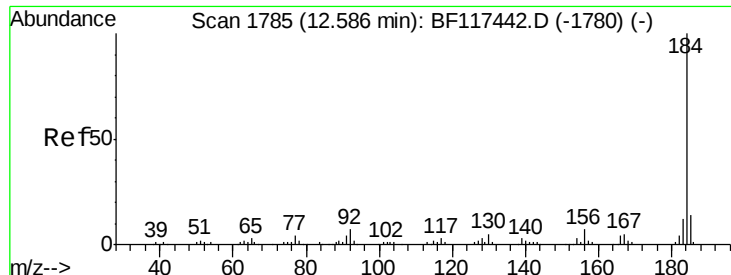


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

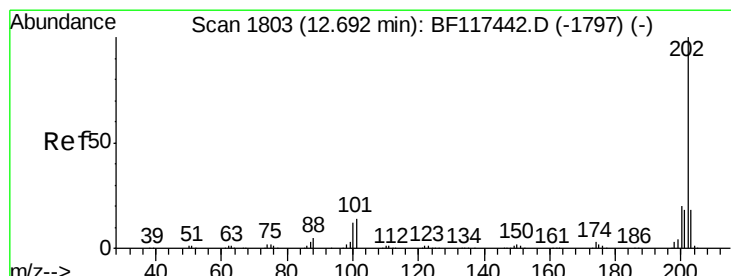
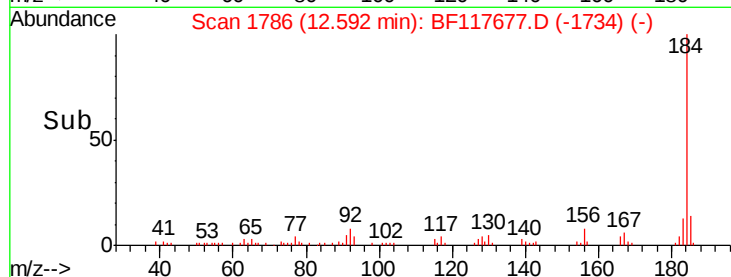
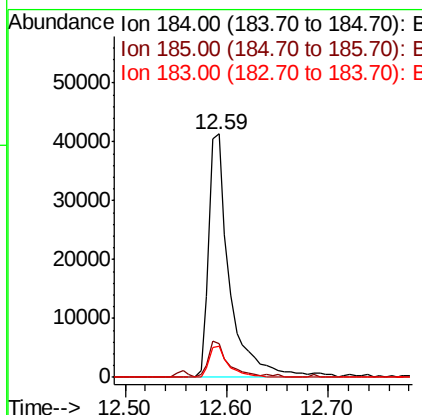
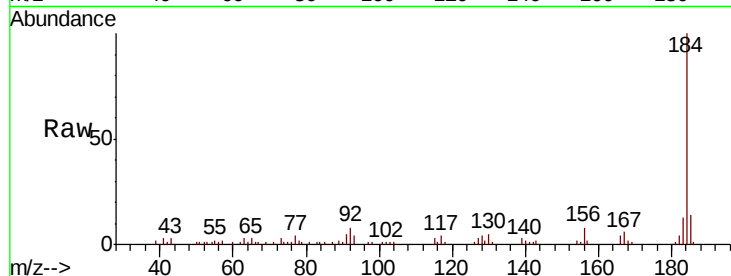




#77
Benzidine
Concen: 27.696 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

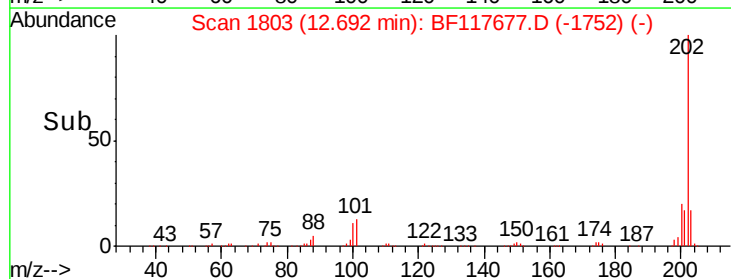
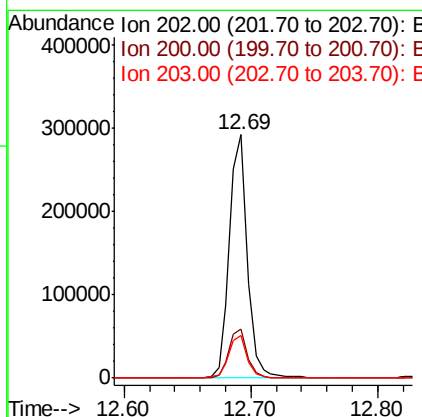
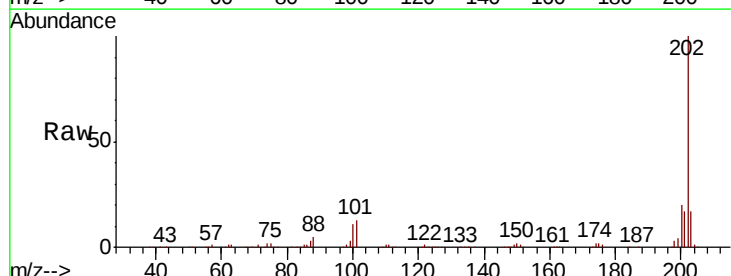
Instrument :
BNA_F
ClientSampleId :

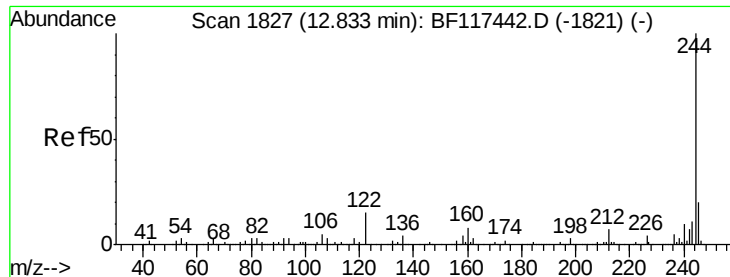
Tot Ion:184 Resp: 59625
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 12.5 9.6 14.4



#78
Pyrene
Concen: 48.795 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:202 Resp: 286295
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 90.399 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

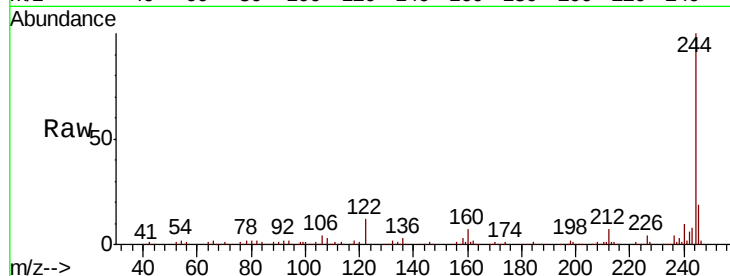
Tot Ion:244 Resp: 378574

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

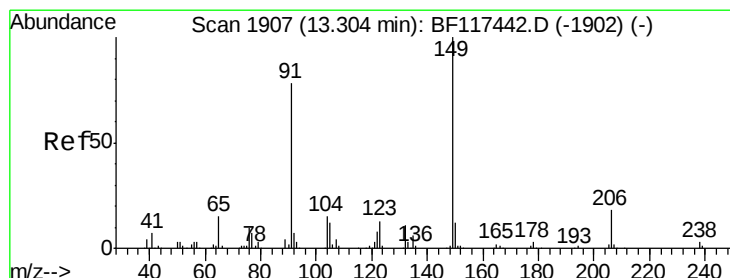
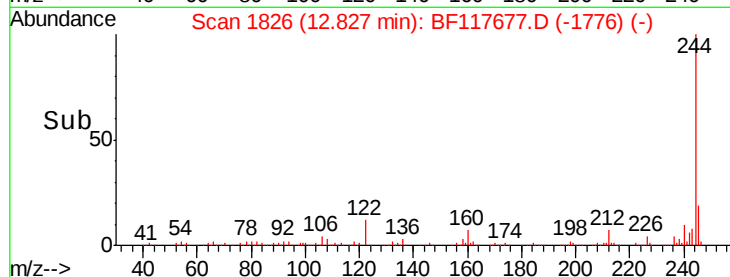
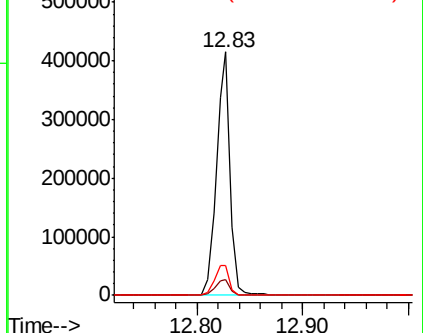
122 12.2 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.132 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

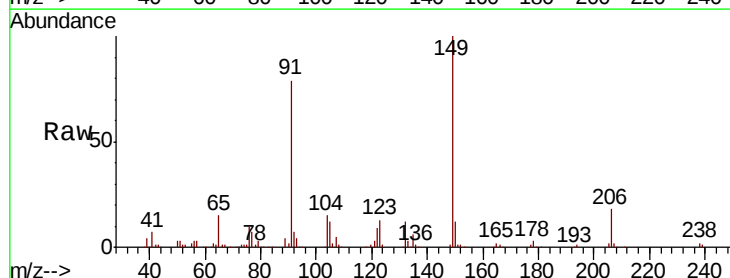
Tgt Ion:149 Resp: 134690

Ion Ratio Lower Upper

149 100

91 79.2 62.1 93.1

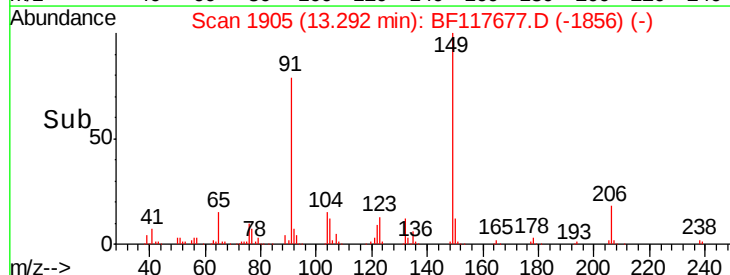
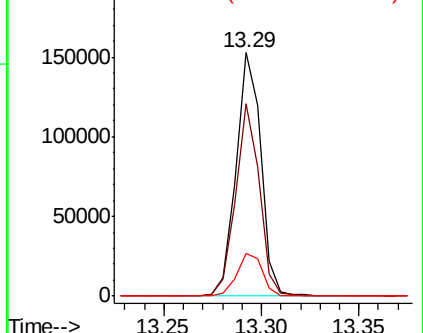
206 17.7 14.3 21.5

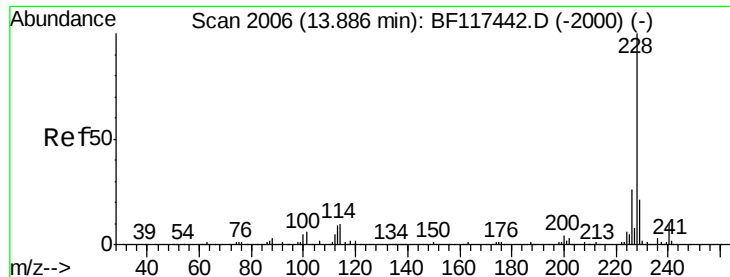


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.132 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

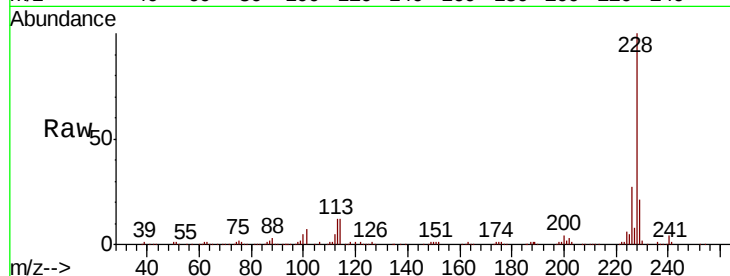
Tot Ion:228 Resp: 212562

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

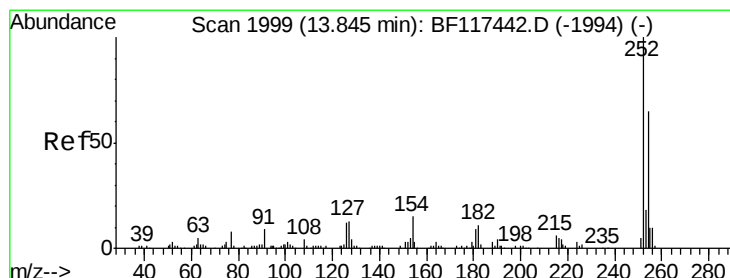
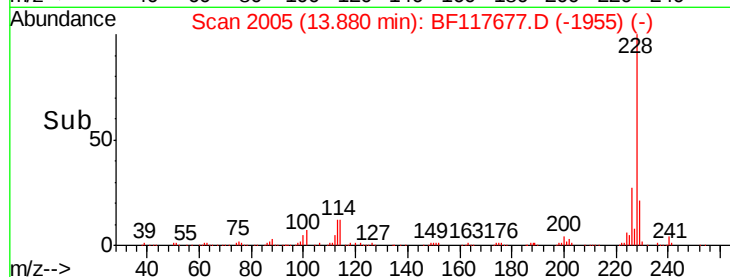
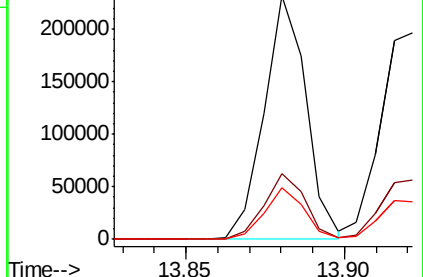
229 21.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.769 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

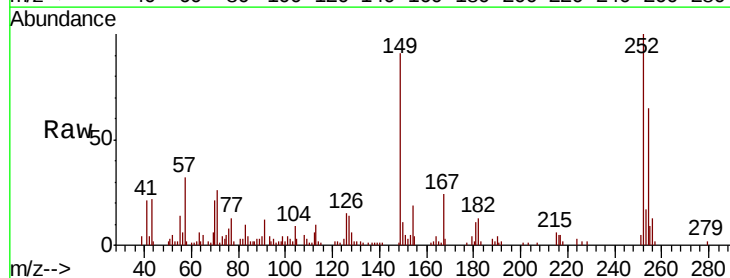
Tgt Ion:252 Resp: 34367

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.4

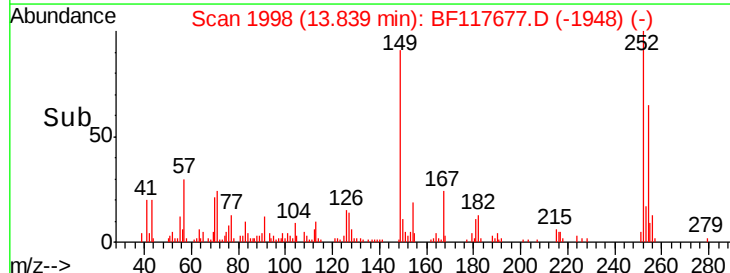
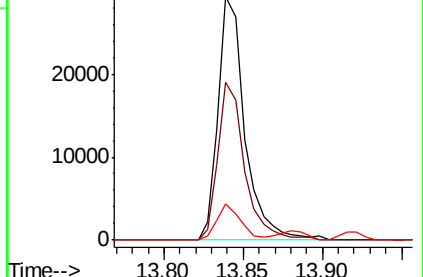
126 14.7 9.2 13.8#

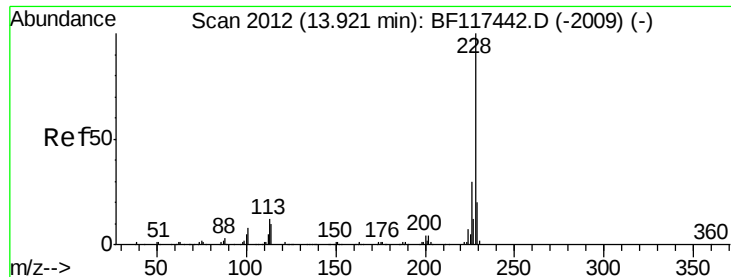


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.528 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

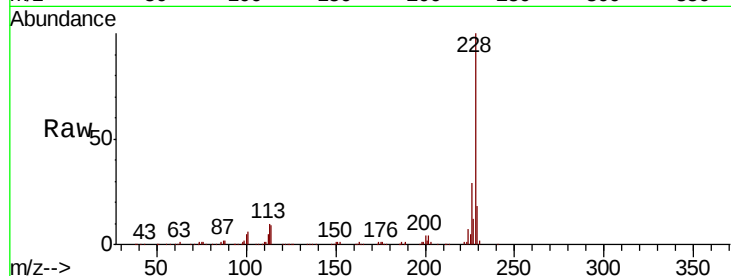
Tot Ion:228 Resp: 214628

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

229 18.4 15.8 23.6

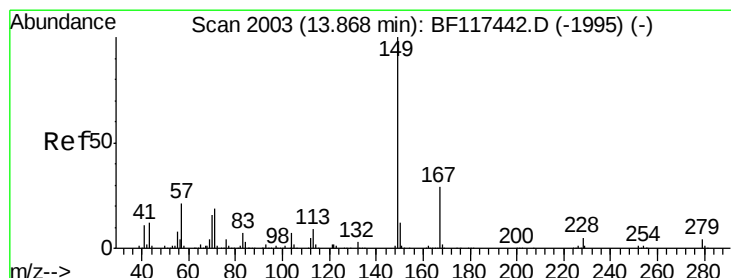
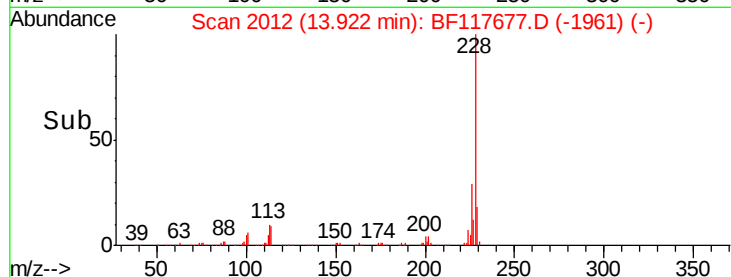
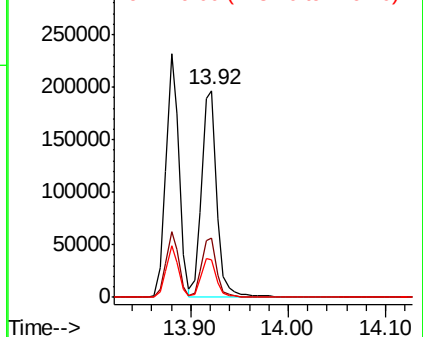


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.926 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

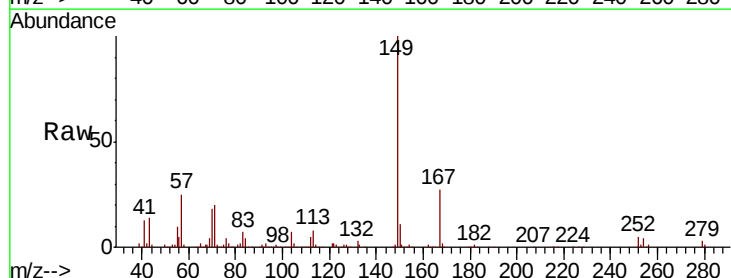
Tgt Ion:149 Resp: 191926

Ion Ratio Lower Upper

149 100

167 27.1 23.3 34.9

279 3.1 3.2 4.8#

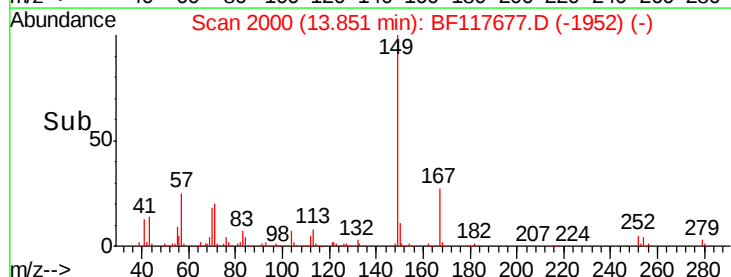
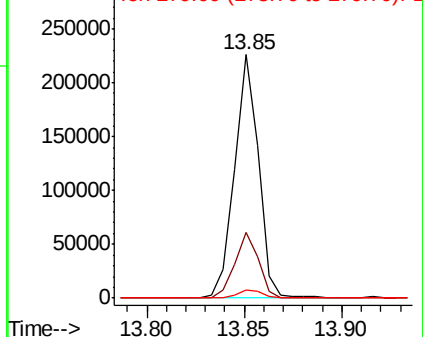


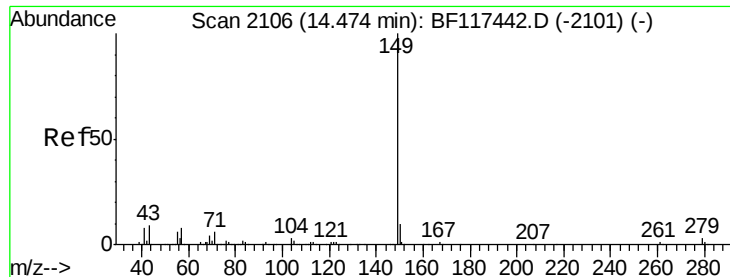
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.786 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

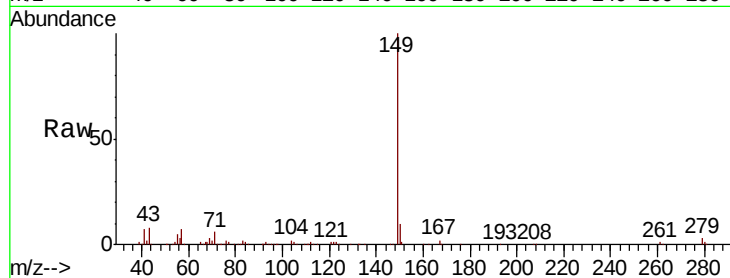
Tot Ion:149 Resp: 300492

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

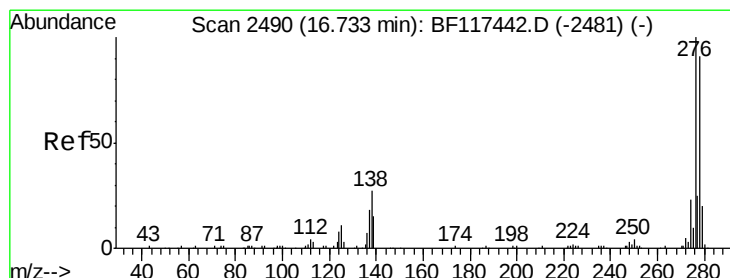
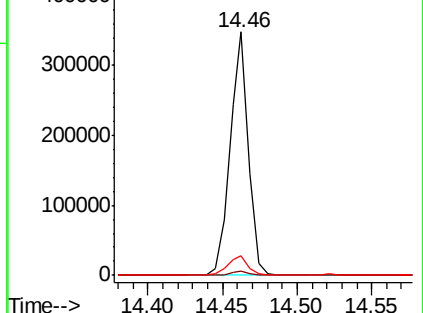
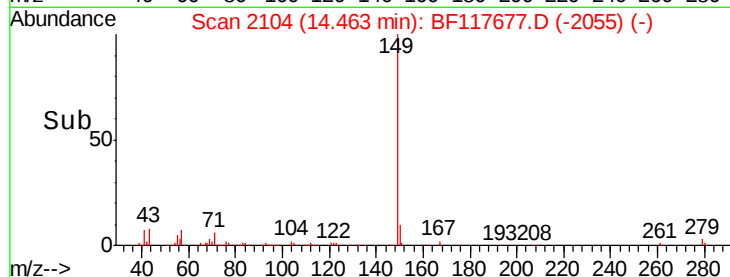
43 8.3 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.947 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

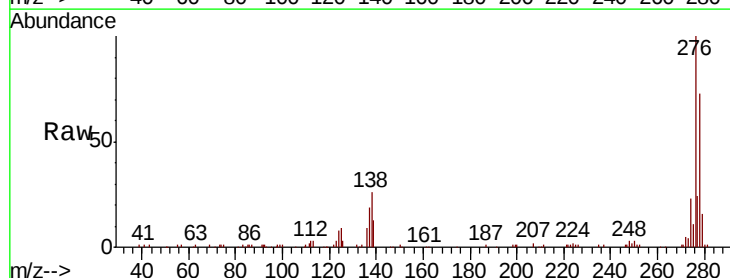
Tgt Ion:276 Resp: 195371

Ion Ratio Lower Upper

276 100

138 29.0 21.8 32.8

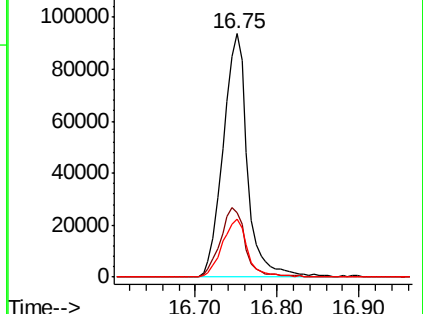
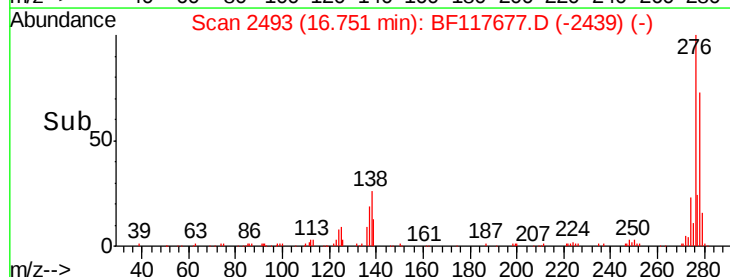
277 24.8 20.0 30.0

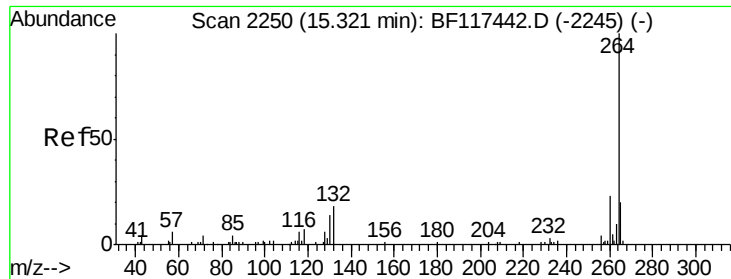


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



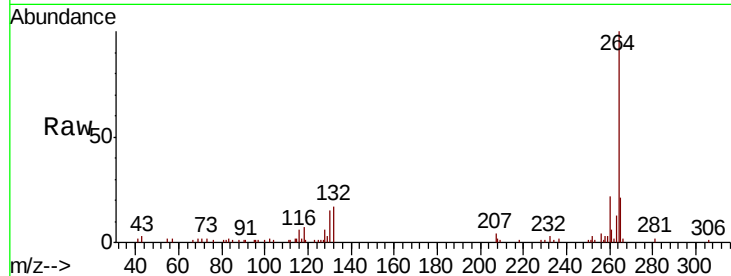


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

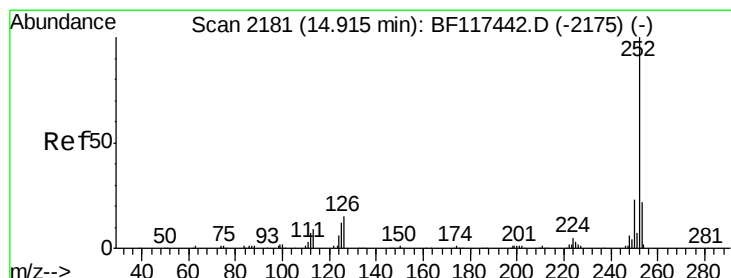
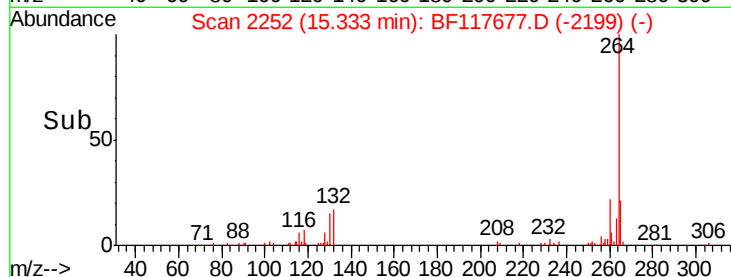
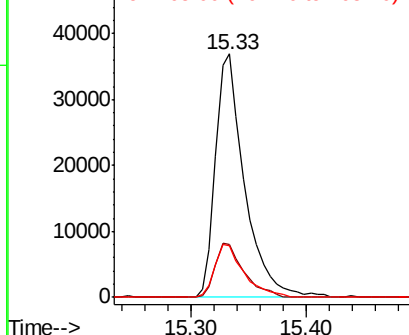
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 64490

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	21.0	16.1	24.1



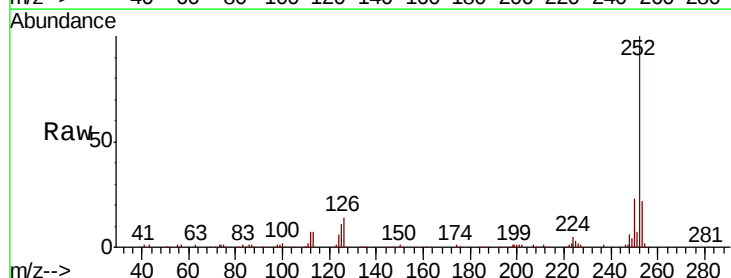
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



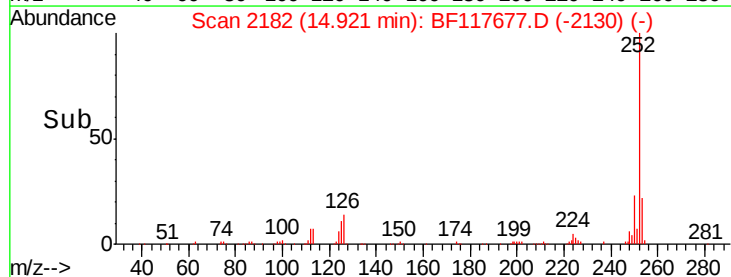
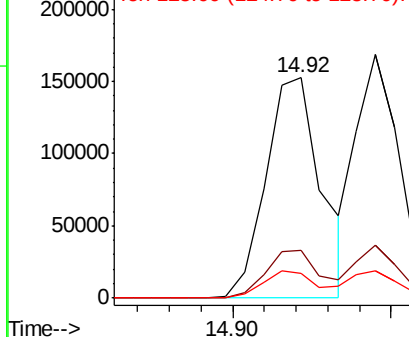
#88
Benzo(b)fluoranthene
Concen: 48.837 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

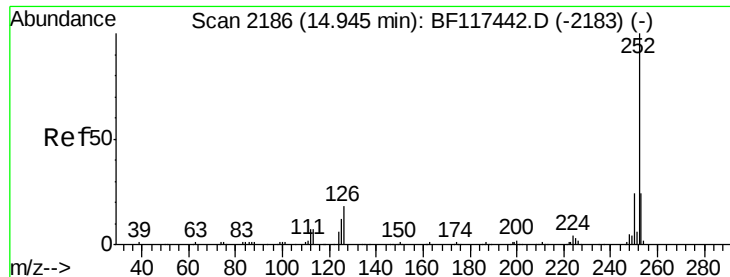
Tgt Ion:252 Resp: 185981

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.1	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

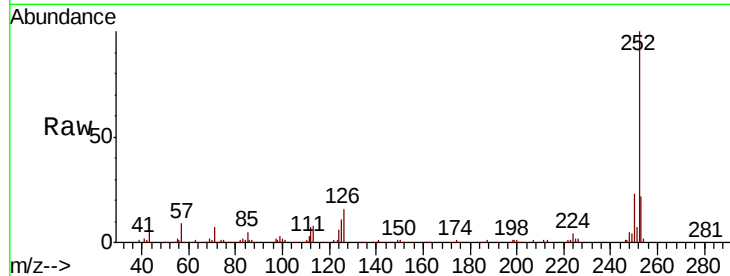




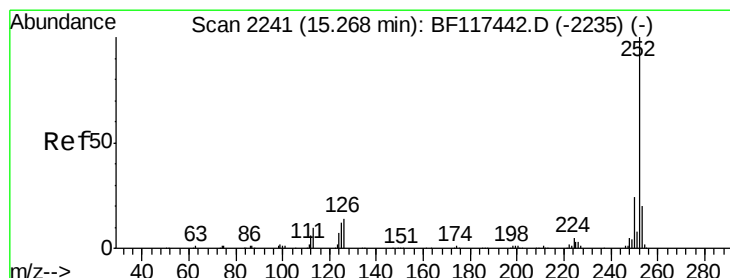
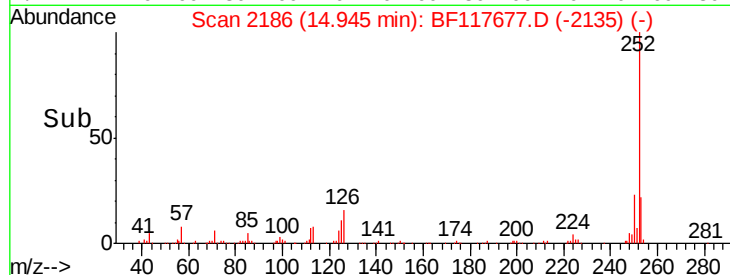
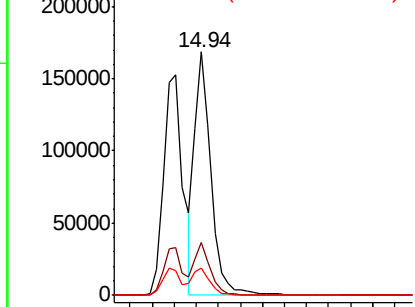
#89
Benzo(k)fluoranthene
Concen: 44.354 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 173120
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.1 8.9 13.3

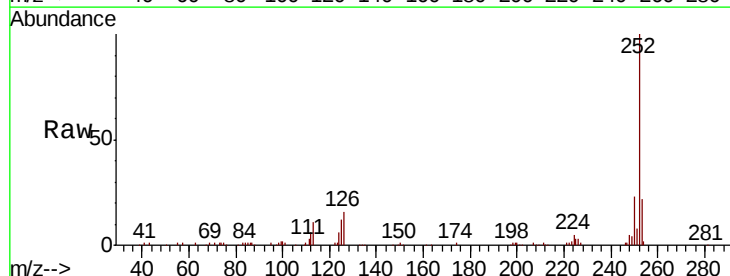


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

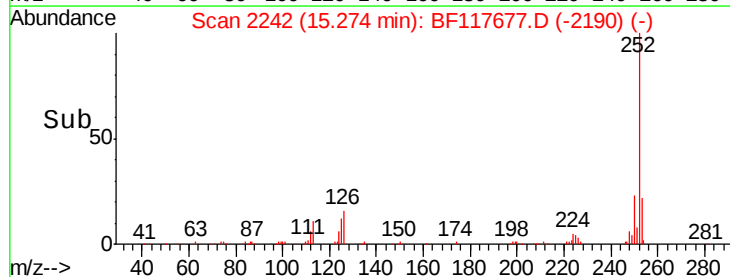
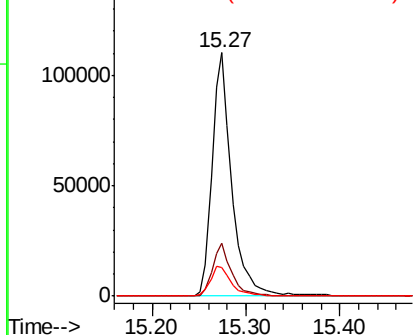


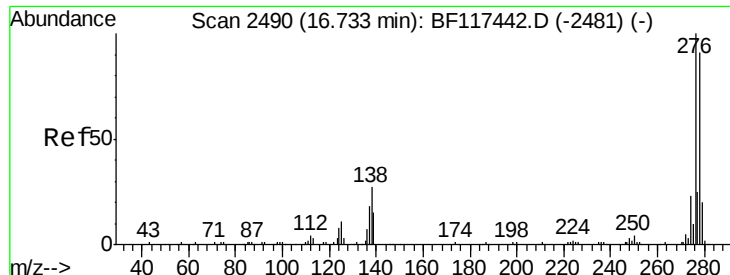
#90
Benzo(a)pyrene
Concen: 46.943 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion:252 Resp: 162537
Ion Ratio Lower Upper
252 100
253 21.8 16.3 24.5
125 11.9 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.533 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

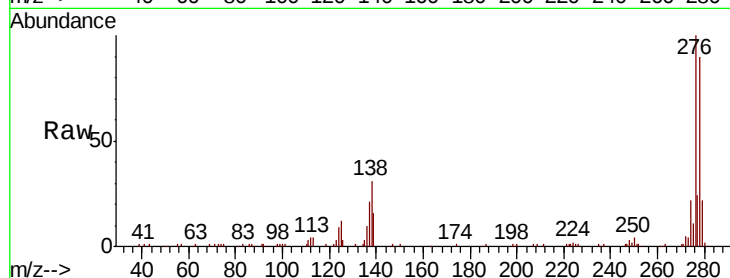
Tot Ion:278 Resp: 166262

Ion Ratio Lower Upper

278 100

139 17.4 13.4 20.0

279 24.0 17.8 26.6

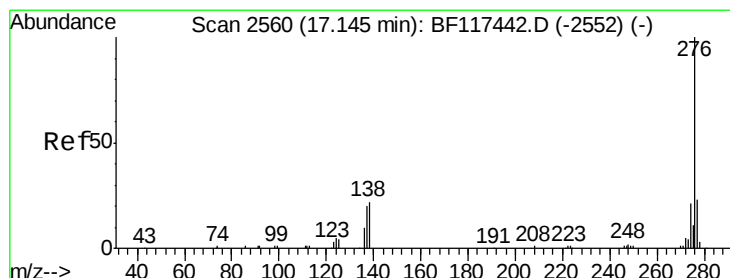
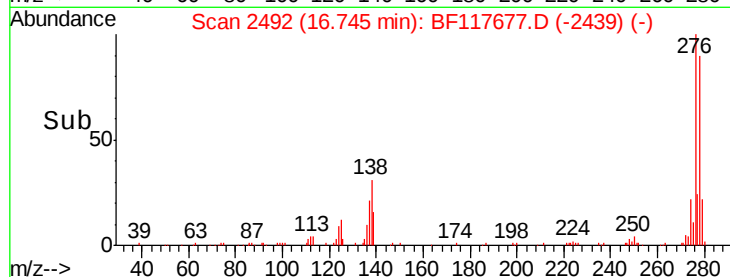
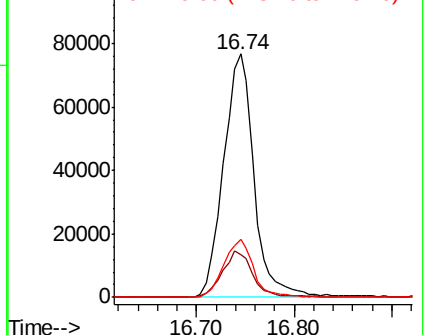


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.105 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

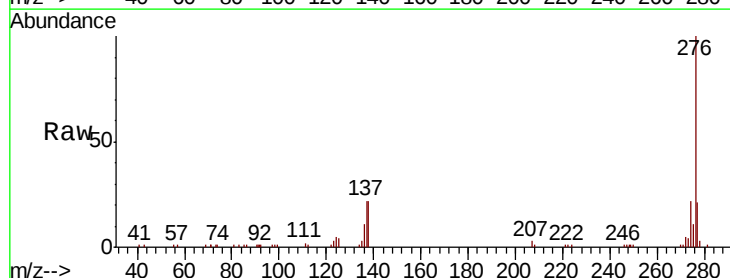
Tgt Ion:276 Resp: 167428

Ion Ratio Lower Upper

276 100

277 21.5 18.4 27.6

138 22.2 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

