

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117981.D
 Acq On : 25 Nov 2019 22:23
 Operator : JU
 Sample : K5999-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:52:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167172	20.00	ng	-0.04
21) Naphthalene-d8	8.18	136	680615	20.00	ng	-0.04
39) Acenaphthene-d10	9.95	164	383470	20.00	ng	-0.03
64) Phenanthrene-d10	11.43	188	723978	20.00	ng	-0.04
76) Chrysene-d12	14.09	240	473889	20.00	ng	-0.03
87) Perylene-d12	15.58	264	421241	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	819099	86.73	ng	-0.02
7) Phenol-d6	6.52	99	1085047	95.25	ng	-0.02
23) Nitrobenzene-d5	7.46	82	673493	58.82	ng	-0.04
42) 2,4,6-Tribromophenol	10.74	330	368724	90.82	ng	-0.03
45) 2-Fluorobiphenyl	9.26	172	1122735	52.53	ng	-0.04
79) Terphenyl-d14	13.02	244	1156660	44.61	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	145372	32.930	ng	96
3) Pyridine	3.52	79	371848	32.111	ng	97
4) n-Nitrosodimethylamine	3.47	42	190906	37.766	ng	97
6) Aniline	6.55	93	417707	27.749	ng	100
8) 2-Chlorophenol	6.68	128	458157	44.708	ng	96
9) Benzaldehyde	6.44	77	208079	25.125	ng	97
10) Phenol	6.53	94	564433	47.683	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	399202	41.996	ng	96
12) 1,3-Dichlorobenzene	6.83	146	496751	41.174	ng	99
13) 1,4-Dichlorobenzene	6.91	146	507791	41.639	ng	99
14) 1,2-Dichlorobenzene	7.06	146	484239	41.519	ng	99
15) Benzyl Alcohol	7.03	79	406162	46.183	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	505424	34.535	ng	96
17) 2-Methylphenol	7.15	107	384812	44.342	ng	99
18) Hexachloroethane	7.40	117	184115	41.098	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	308577	43.910	ng	95
20) 3+4-Methylphenols	7.30	107	476502	44.232	ng	# 73
22) Acetophenone	7.30	105	631548	41.301	ng	# 98
24) Nitrobenzene	7.47	77	484396	41.011	ng	99
25) Isophorone	7.72	82	884089	42.130	ng	97
26) 2-Nitrophenol	7.79	139	263995	45.920	ng	97
27) 2,4-Dimethylphenol	7.83	122	443809	49.680	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	529173	39.738	ng	99
29) 2,4-Dichlorophenol	8.03	162	417482	43.084	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	449741	40.013	ng	99
31) Naphthalene	8.20	128	1397453	44.043	ng	98
32) Benzoic acid	7.96	122	286799	38.343	ng	99
33) 4-Chloroaniline	8.25	127	192081	13.522	ng	98
34) Hexachlorobutadiene	8.32	225	261851	39.846	ng	99
35) Caprolactam	8.63	113	74846	24.303	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	447111	45.465	ng	94
37) 2-Methylnaphthalene	8.90	142	967171	45.113	ng	98
38) 1-Methylnaphthalene	9.00	142	917496	45.268	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	419900	37.705	ng	98

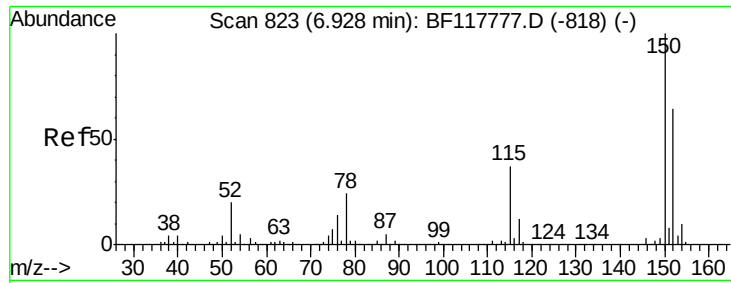
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117981.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	542901	86.992	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	320424	40.171	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	325410	39.292	nq	99
46) 1,1'-Biphenyl	9.36	154	1182280	41.557	nq	98
47) 2-Chloronaphthalene	9.39	162	898829	38.404	nq	97
48) 2-Nitroaniline	9.48	65	267409	37.845	nq	97
49) Acenaphthylene	9.80	152	1459895	42.784	nq	100
50) Dimethylphthalate	9.67	163	1308596	48.664	nq	99
51) 2,6-Dinitrotoluene	9.73	165	248028	42.203	nq	92
52) Acenaphthene	9.98	154	859850	39.337	nq	99
53) 3-Nitroaniline	9.89	138	134482	19.123	nq	100
54) 2,4-Dinitrophenol	10.00	184	239580	79.398	nq	# 87
55) Dibenzofuran	10.15	168	1278119	42.225	nq	98
56) 4-Nitrophenol	10.06	139	416633	79.372	nq	94
57) 2,4-Dinitrotoluene	10.13	165	331185	44.300	nq	98
58) Fluorene	10.50	166	983809	41.942	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	275807	40.531	nq	96
60) Diethylphthalate	10.37	149	1122761	42.826	nq	100
61) 4-Chlorophenyl-phenylether	10.49	204	491914	41.324	nq	98
62) 4-Nitroaniline	10.52	138	255372	36.269	nq	95
63) Azobenzene	10.64	77	989921	41.504	nq	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	166975	49.404	nq	95
66) n-Nitrosodiphenylamine	10.60	169	897964	42.618	nq	100
67) 4-Bromophenyl-phenylether	10.97	248	322522	41.287	nq	92
68) Hexachlorobenzene	11.04	284	363997	39.961	nq	98
69) Atrazine	11.13	200	318274	45.921	nq	98
70) Pentachlorophenol	11.24	266	404828	76.072	nq	98
71) Phenanthrene	11.46	178	1476713	40.570	nq	99
72) Anthracene	11.52	178	1522247	42.180	nq	99
73) Carbazole	11.67	167	1335410	42.345	nq	100
74) Di-n-butylphthalate	11.99	149	1732277	44.117	nq	100
75) Fluoranthene	12.65	202	1506337	45.535	nq	99
77) Benzidine	12.77	184	704367	45.377	nq	99
78) Pyrene	12.89	202	1506287	39.331	nq	99
80) Butylbenzylphthalate	13.50	149	710191	43.176	nq	96
81) Benzo(a)anthracene	14.07	228	1275335	40.726	nq	99
82) 3,3'-Dichlorobenzidine	14.03	252	299781	27.368	nq	99
83) Chrysene	14.12	228	1214128	40.011	nq	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	991004	49.695	nq	98
85) Di-n-octyl phthalate	14.67	149	1583533	54.052	nq	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	977580	37.852	nq	98
88) Benzo(b)fluoranthene	15.14	252	1076537	39.335	nq	99
89) Benzo(k)fluoranthene	15.17	252	1071156	41.539	nq	99
90) Benzo(a)pyrene	15.52	252	932583	38.751	nq	99
91) Dibenzo(a,h)anthracene	17.12	278	816628	39.424	nq	97
92) Benzo(g,h,i)perylene	17.56	276	789076	38.246	nq	98

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

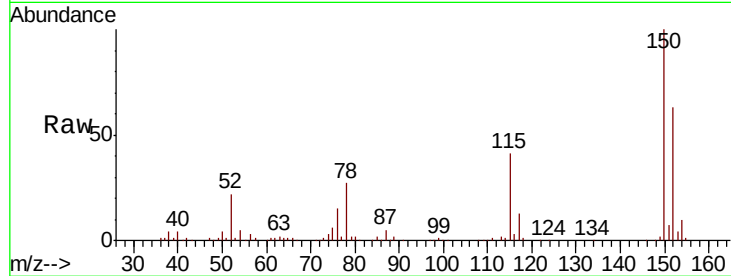


#1

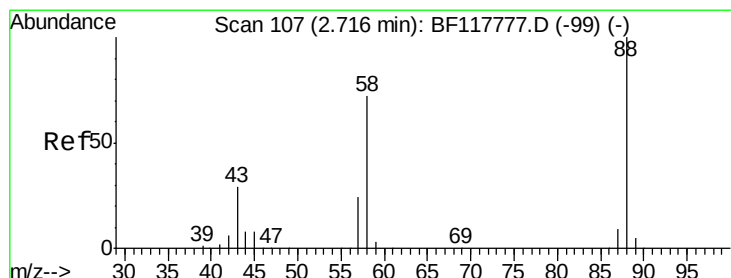
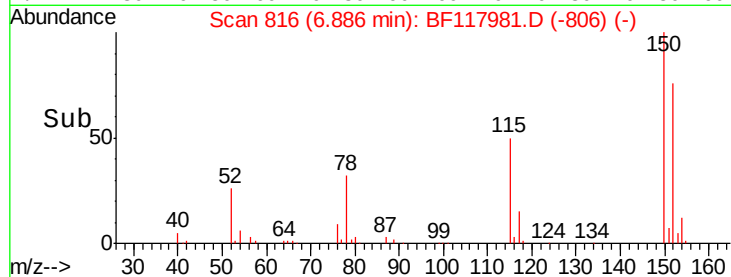
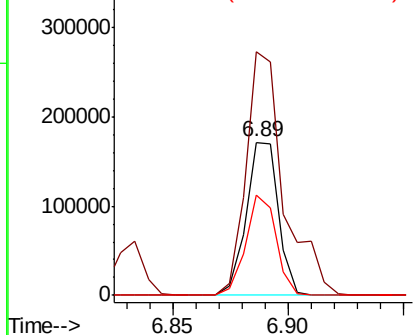
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167172
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 65.2 47.0 70.4



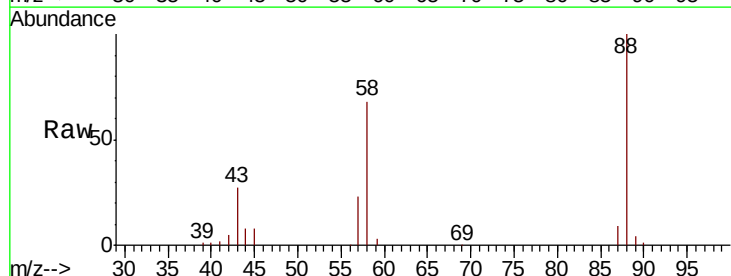
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



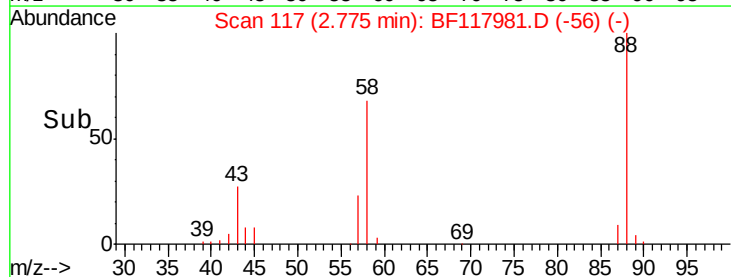
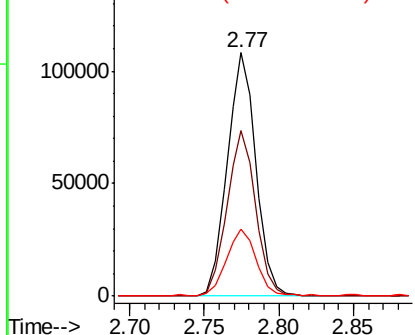
#2

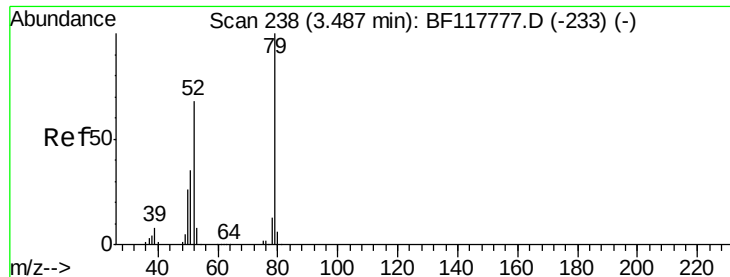
1,4-Dioxane
Concen: 32.930 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.06 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion: 88 Resp: 145372
Ion Ratio Lower Upper
88 100
58 68.1 58.2 87.2
43 29.2 23.3 34.9



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

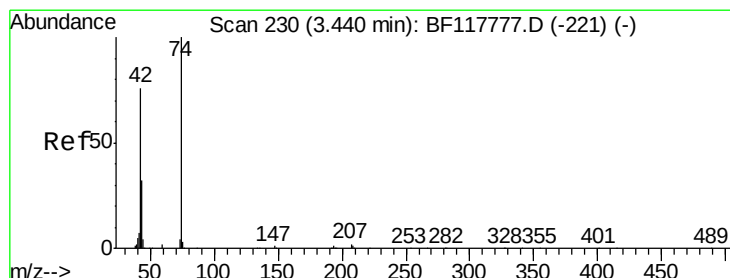
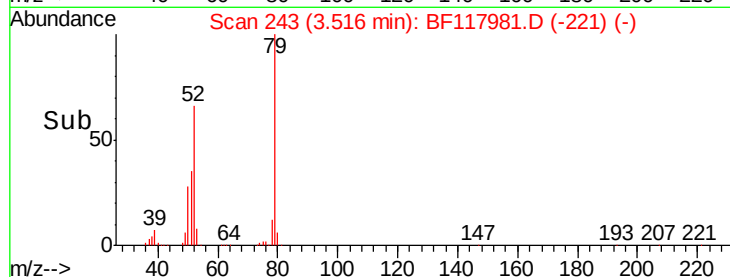
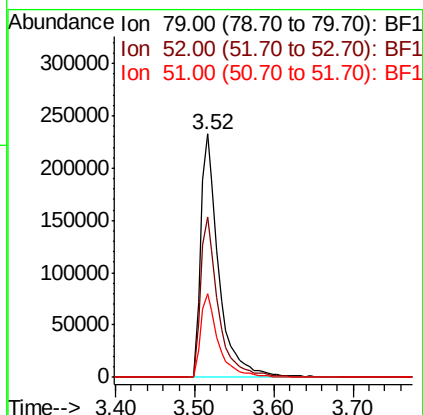
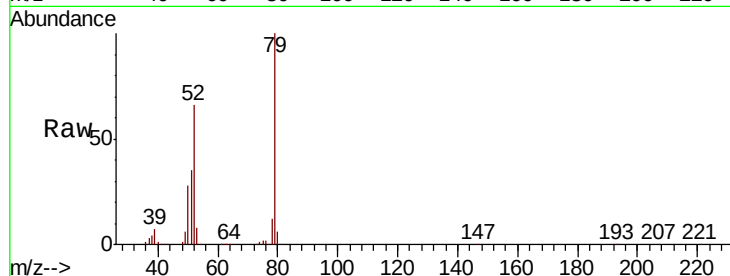




#3
 Pvridine
 Concen: 32.111 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.03 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

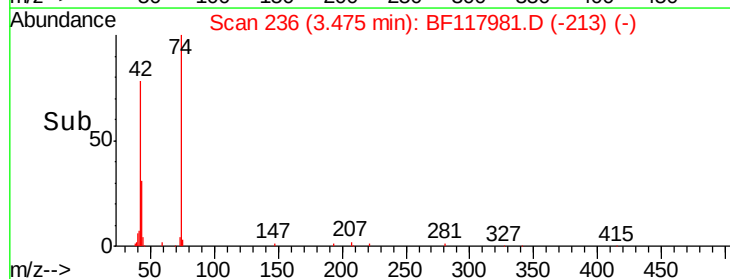
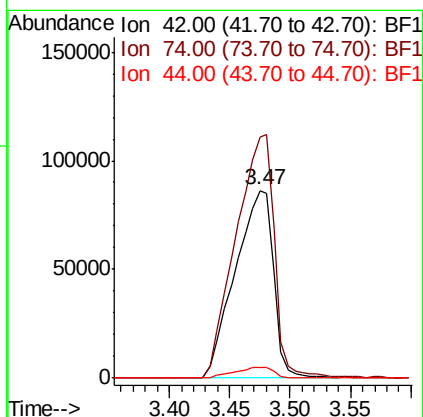
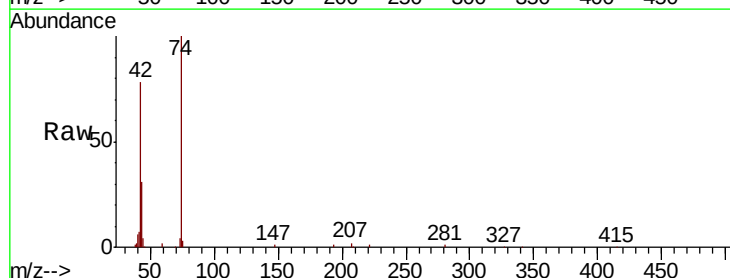
Instrument :
 BNA_F
 ClientSampleId :

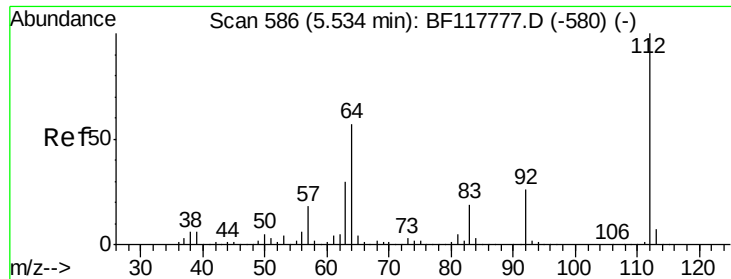
Tot Ion: 79 Resp: 371848
 Ion Ratio Lower Upper
 79 100
 52 65.7 54.8 82.2
 51 34.6 28.2 42.4



#4
 n-Nitrosodimethylamine
 Concen: 37.766 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.04 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Tgt Ion: 42 Resp: 190906
 Ion Ratio Lower Upper
 42 100
 74 128.3 105.1 157.7
 44 5.5 4.6 7.0





#5

2-Fluorophenol

Concen: 86.731 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

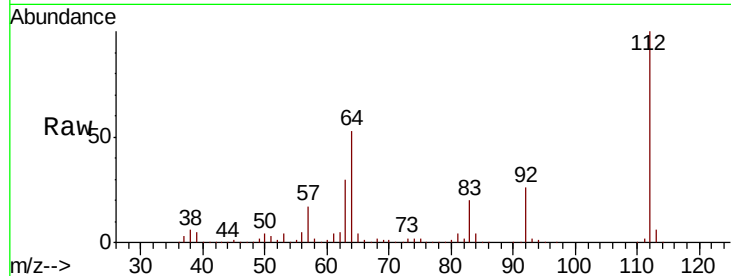
Tot Ion:112 Resp: 819099

Ion Ratio Lower Upper

112 100

64 53.3 45.6 68.4

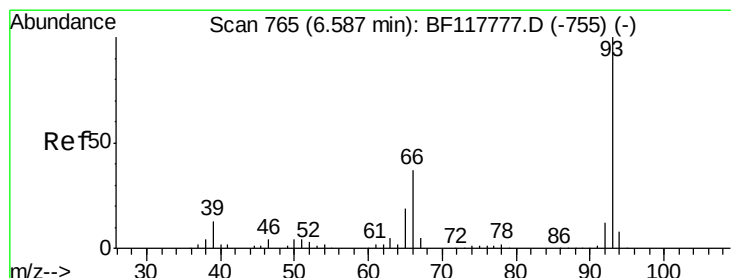
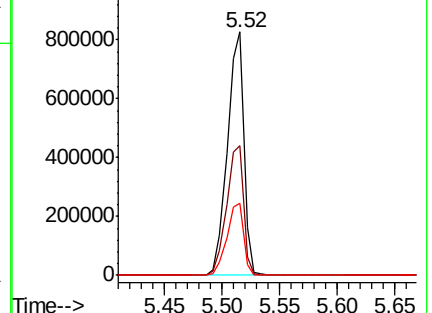
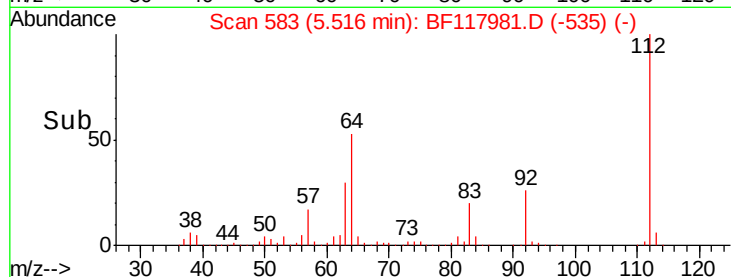
63 29.7 24.1 36.1



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: 27.749 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

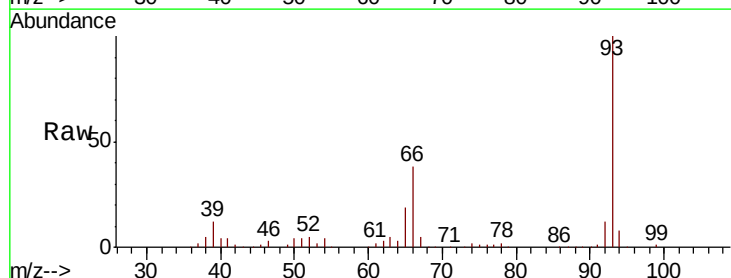
Tgt Ion: 93 Resp: 417707

Ion Ratio Lower Upper

93 100

66 38.4 30.6 45.8

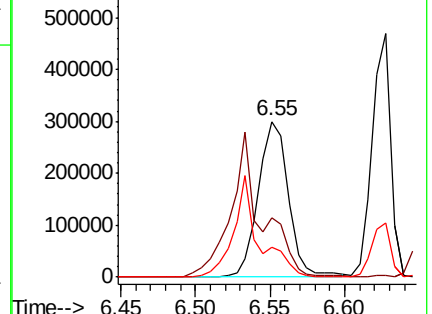
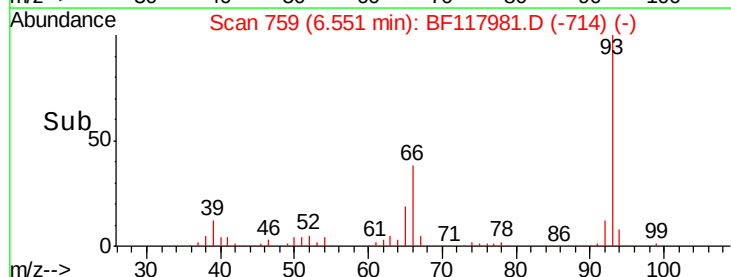
65 19.1 15.6 23.4

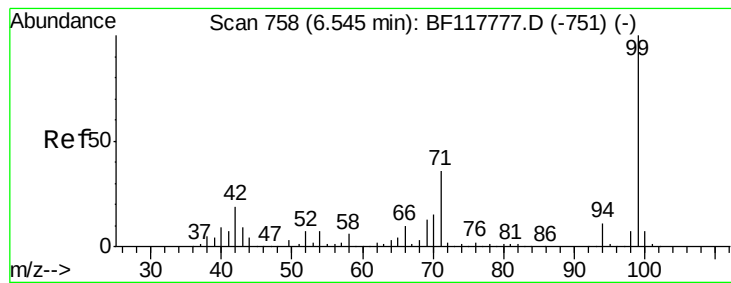


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.253 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

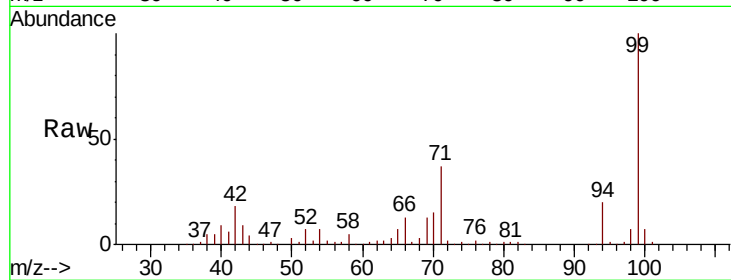
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1085047

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	37.1	28.6	43.0

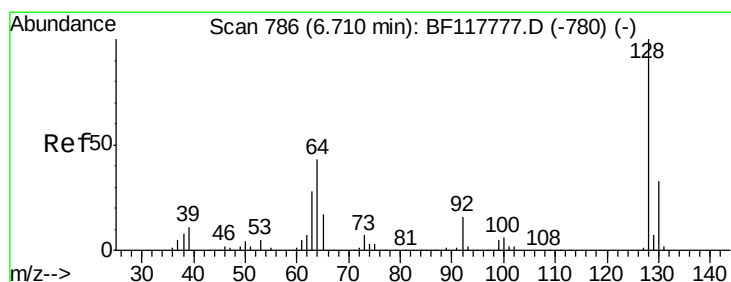
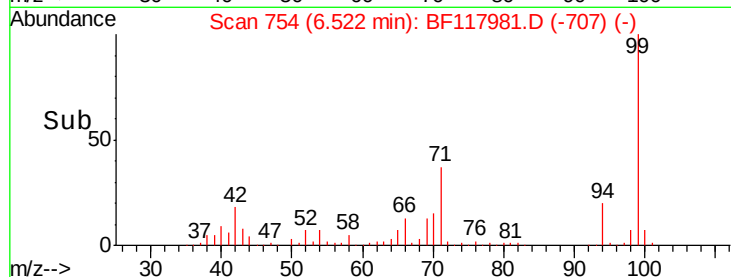
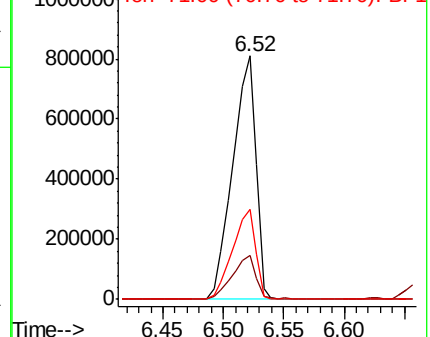


Abundance

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: 44.708 ng

RT: 6.68 min Scan# 781

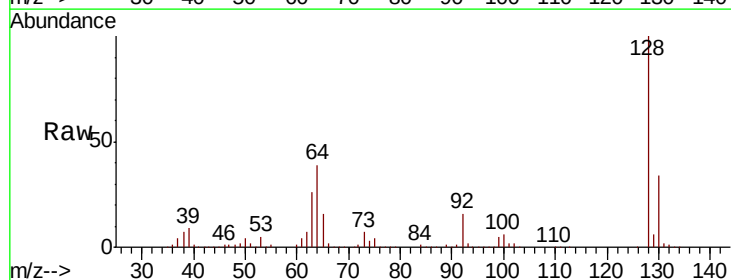
Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Tgt Ion: 128 Resp: 458157

Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.2	53.2
64	39.5	23.7	63.7

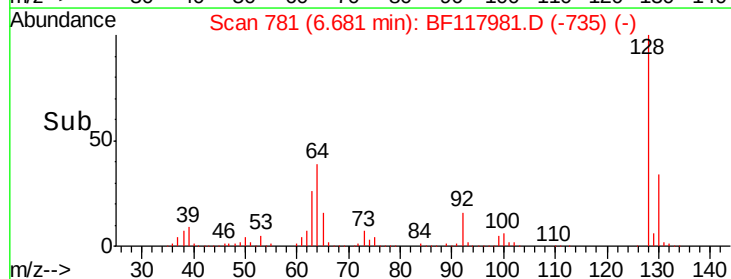
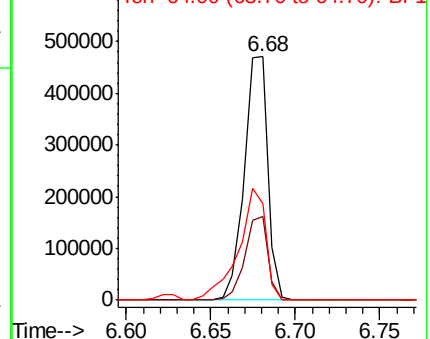


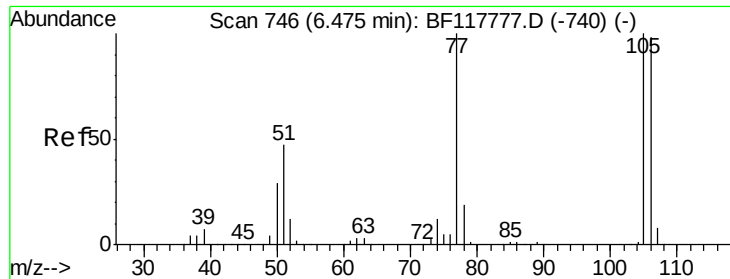
Abundance

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: 25.125 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

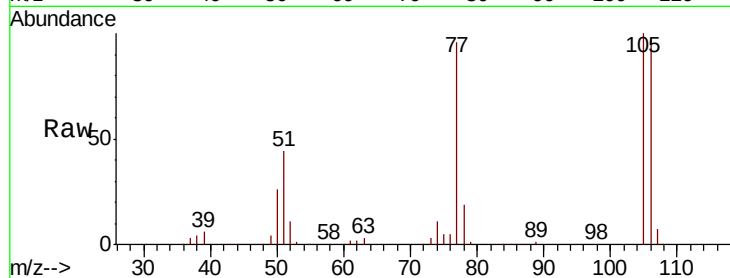
Tot Ion: 77 Resp: 208079

Ion Ratio Lower Upper

77 100

105 104.2 80.2 120.2

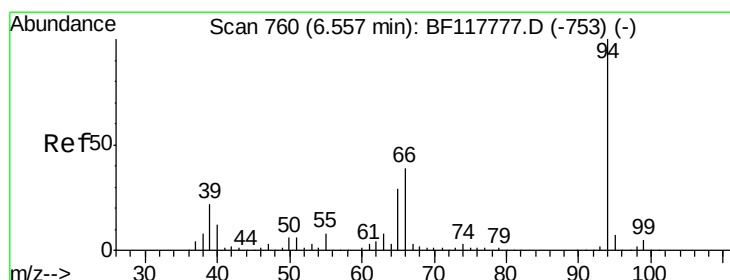
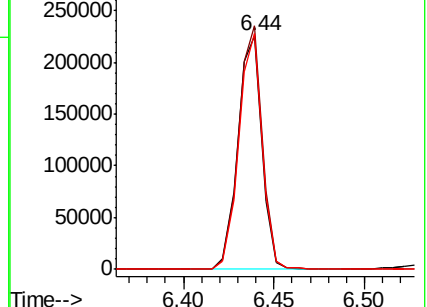
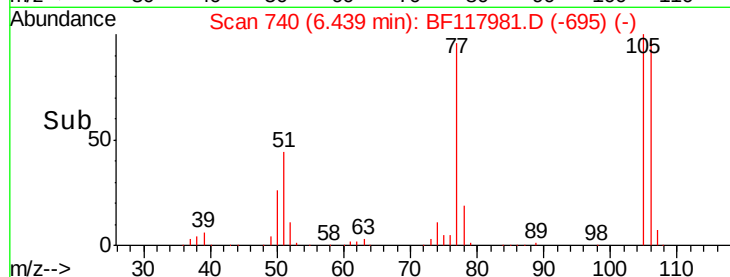
106 101.0 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.683 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

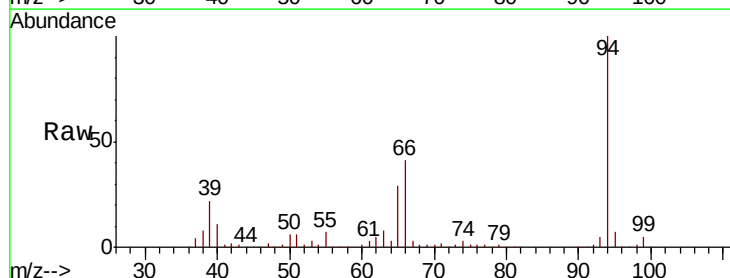
Tgt Ion: 94 Resp: 564433

Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

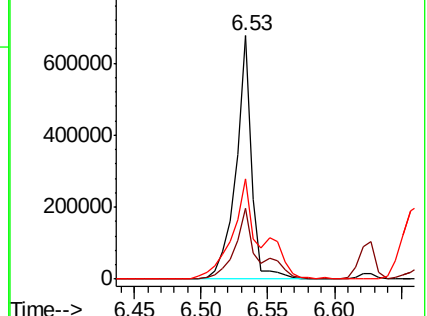
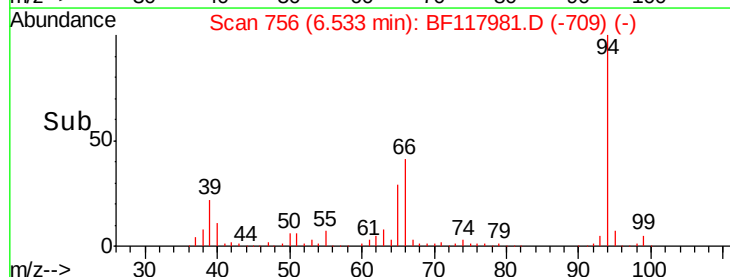
66 41.3 18.7 58.7

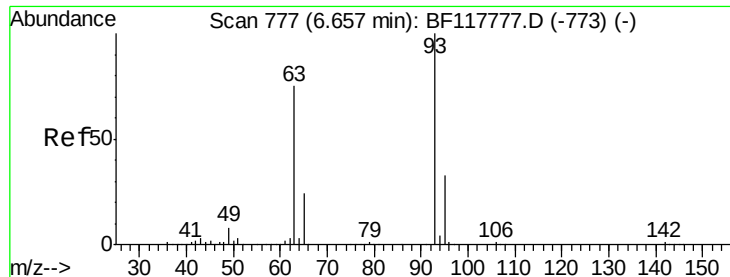


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

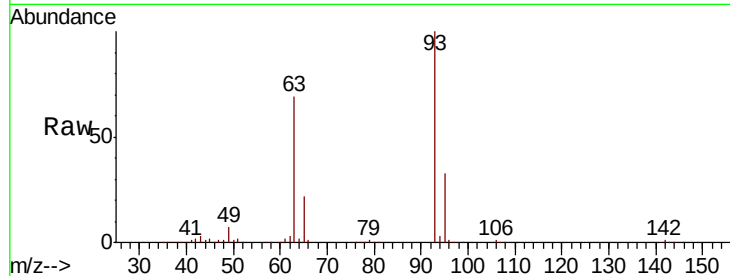




#11
bis(2-Chloroethyl)ether
Concen: 41.996 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.5	54.8	94.8
95	32.7	12.7	52.7

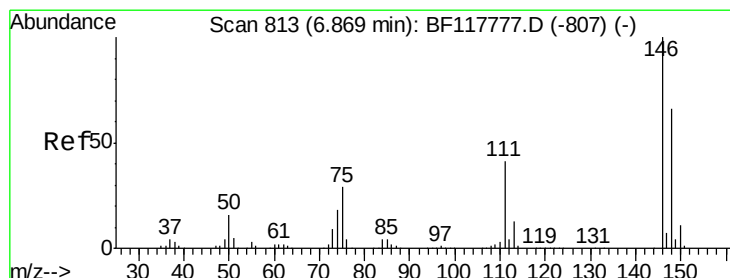
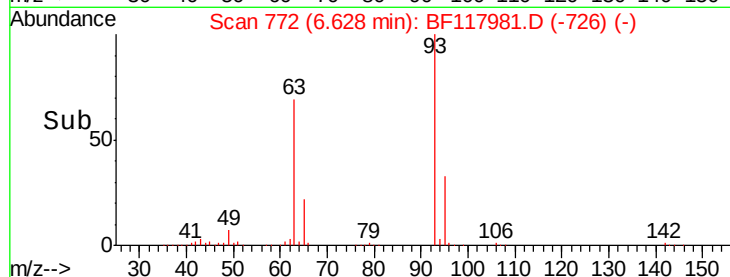
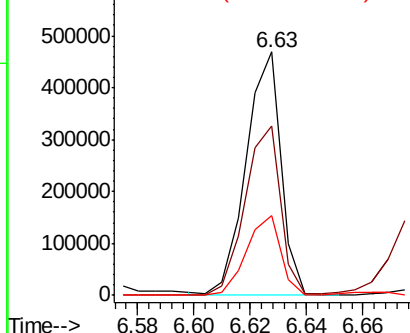


Abundance

Ion 93.00 (92.70 to 93.70): BF1

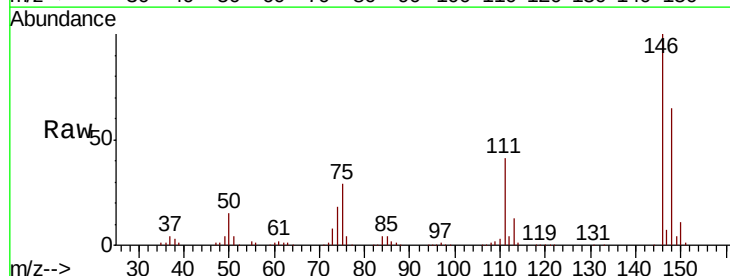
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.174 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.8	79.2
75	28.5	23.4	35.0

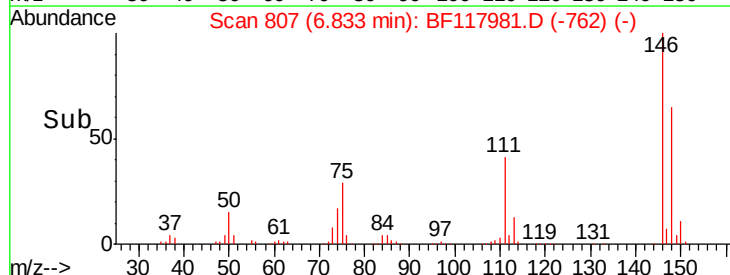
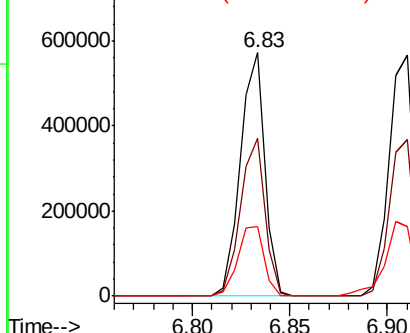


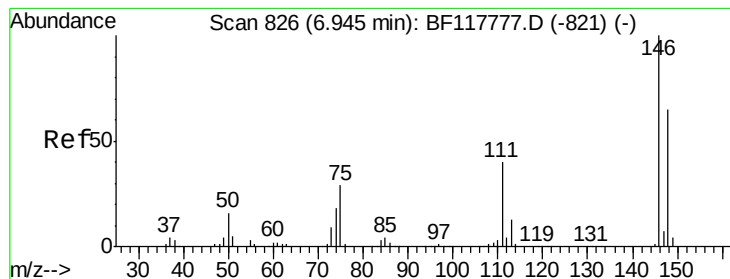
Abundance

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: 41.639 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

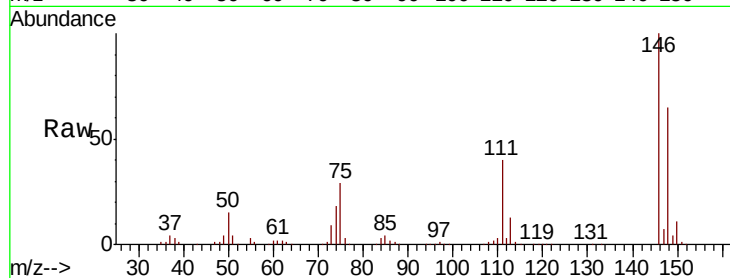
Tot Ion:146 Resp: 507791

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

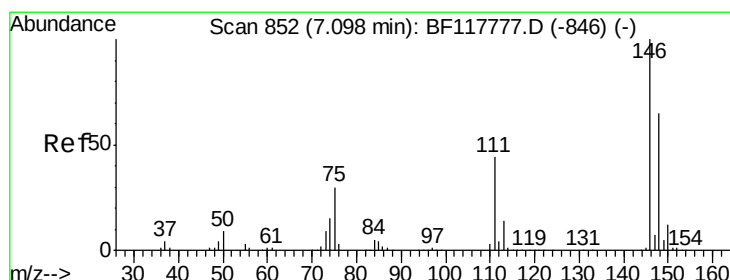
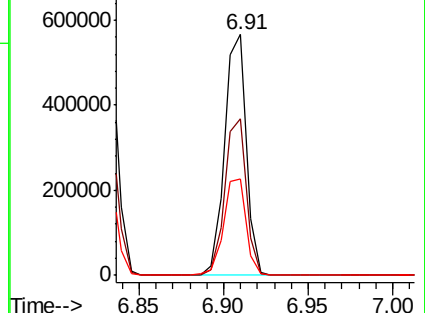
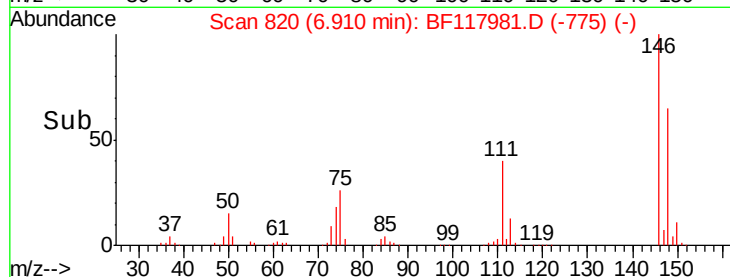
111 39.8 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.519 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

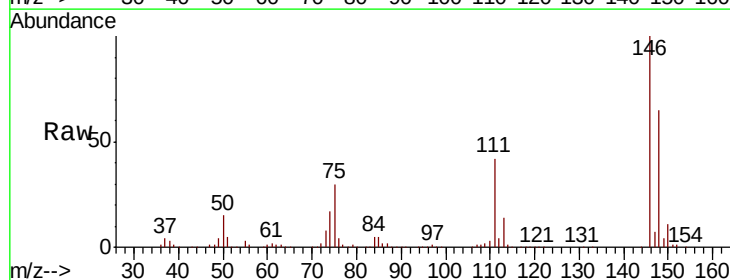
Tgt Ion:146 Resp: 484239

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

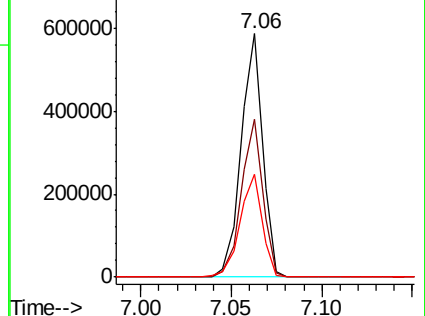
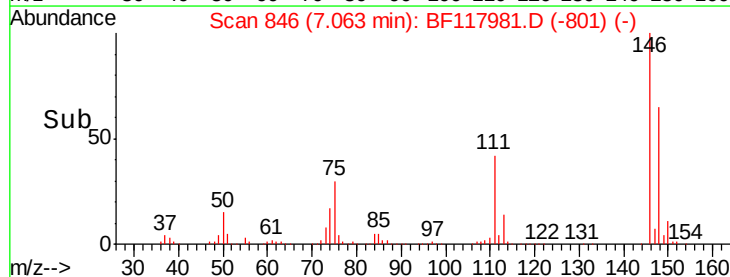
111 42.4 35.0 52.6

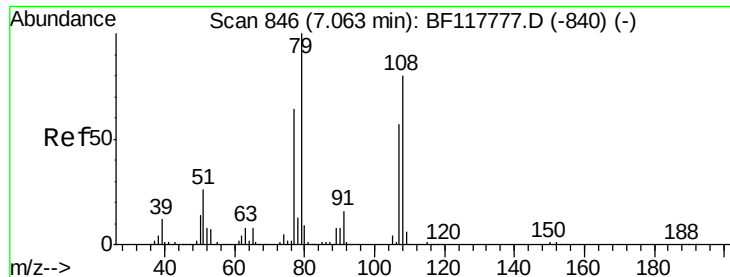


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.183 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

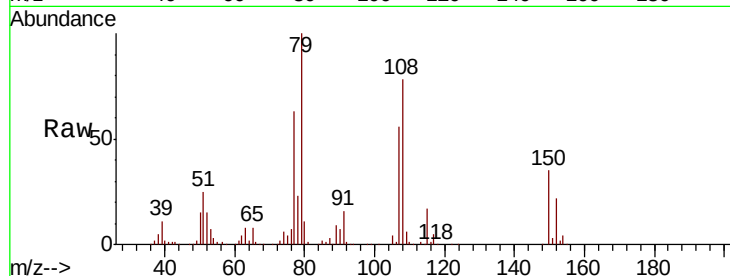
Tot Ion: 79 Resp: 406162

Ion Ratio Lower Upper

79 100

108 77.8 64.1 96.1

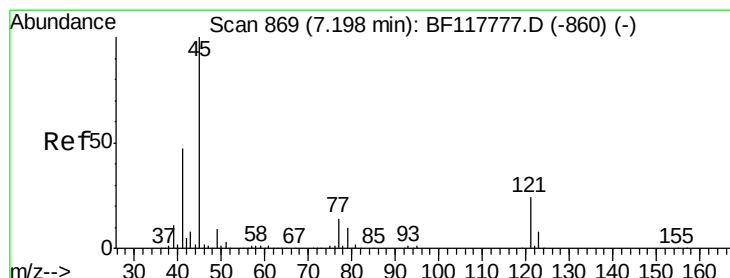
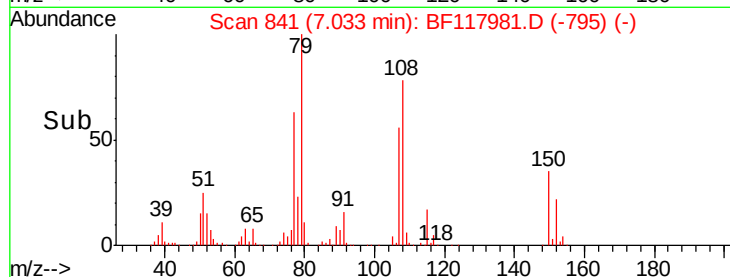
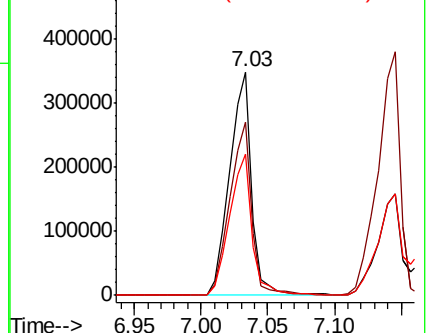
77 63.3 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.535 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

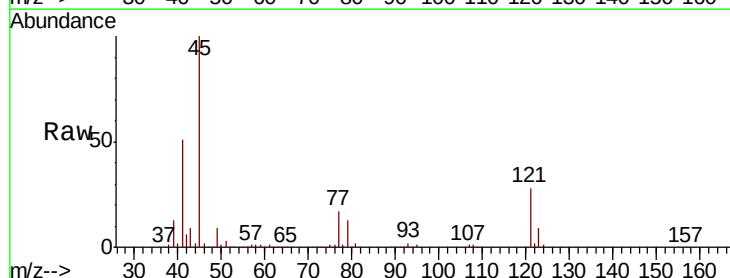
Tgt Ion: 45 Resp: 505424

Ion Ratio Lower Upper

45 100

77 16.6 0.0 35.0

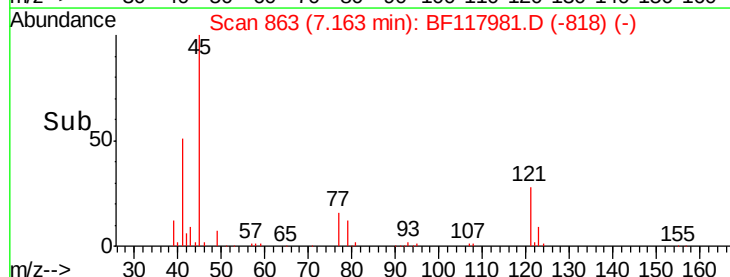
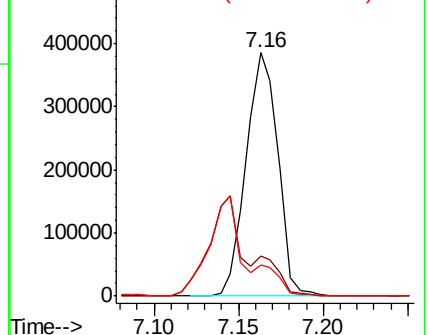
79 12.6 0.0 31.1

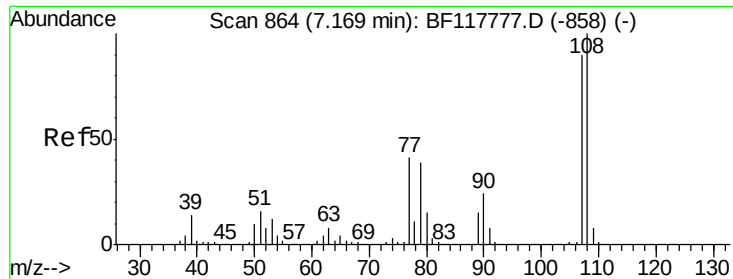


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

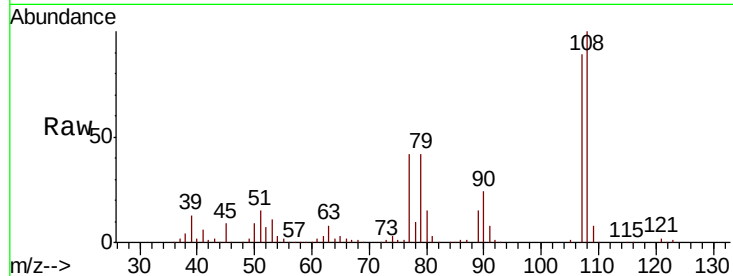




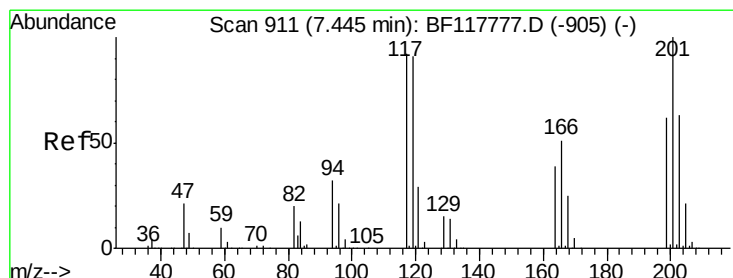
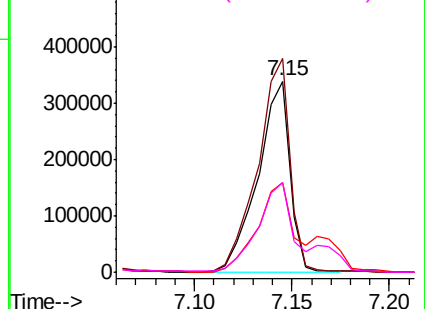
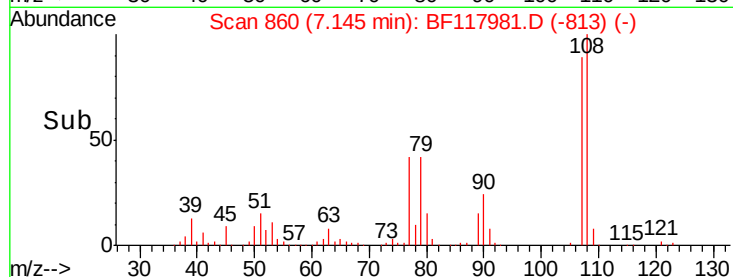
#17
2-Methylphenol
Concen: 44.342 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	384812
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.1	133.7
77	46.8	36.6	54.8
79	46.7	35.2	52.8

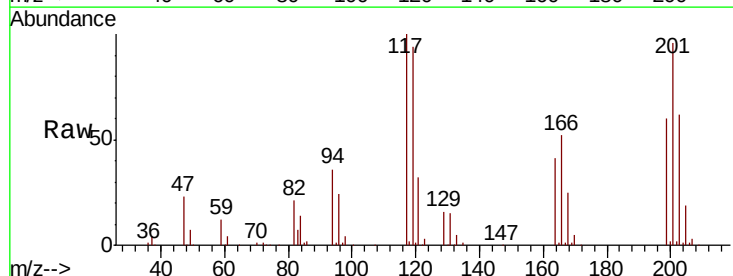


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

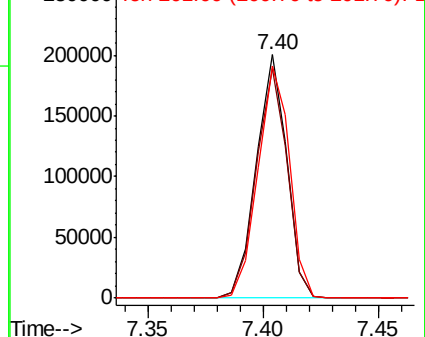
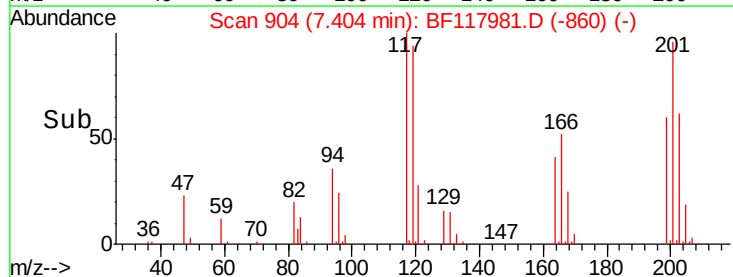


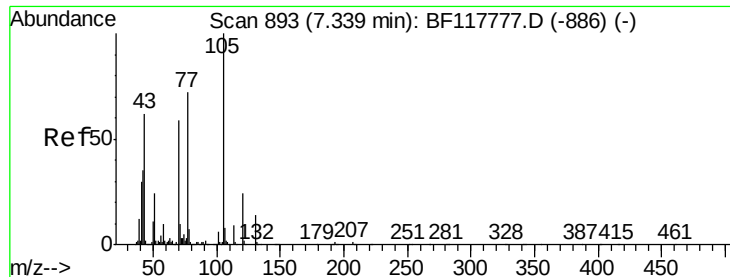
#18
Hexachloroethane
Concen: 41.098 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:	117	Resp:	184115
Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.7	118.1
201	95.6	86.5	129.7



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

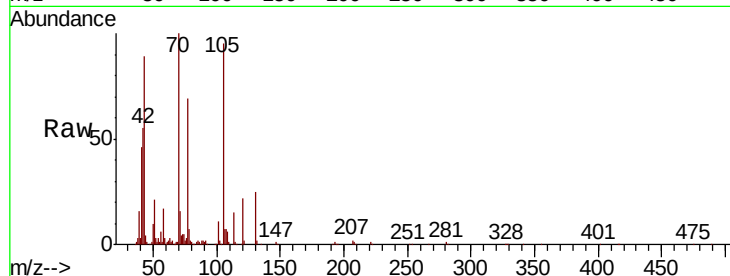




#19
n-Nitroso-di-n-propylamine
Concen: 43.910 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.4	71.2
101	11.2	8.4	12.6
130	25.0	18.8	28.2



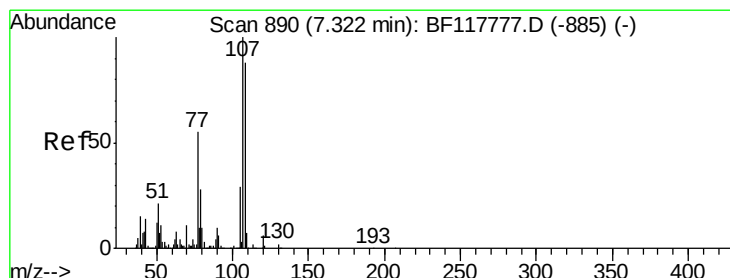
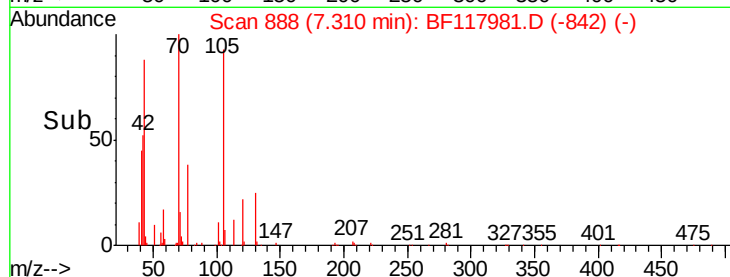
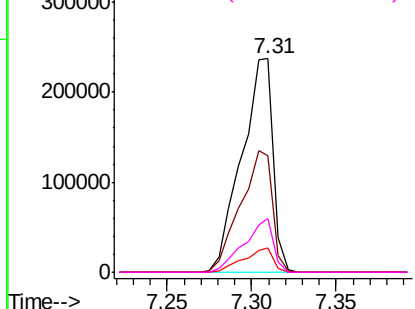
Abundance

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: 44.232 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.4	108.4
77	108.4	35.2	75.2#
79	31.9	8.6	48.6

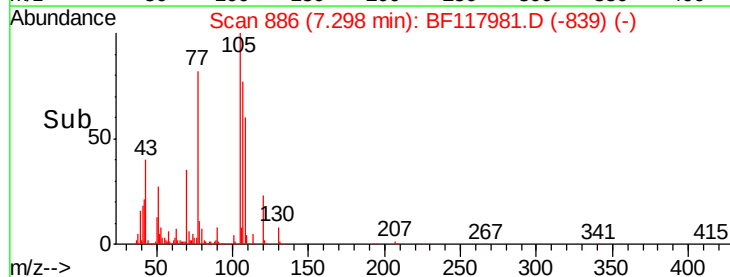
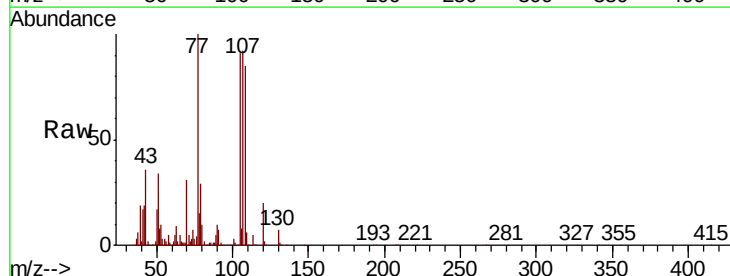
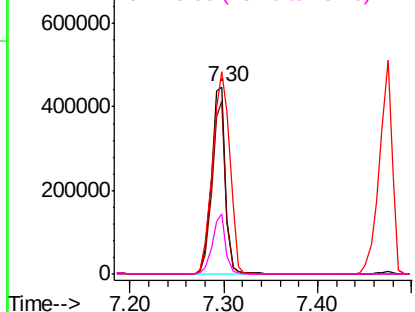
Abundance

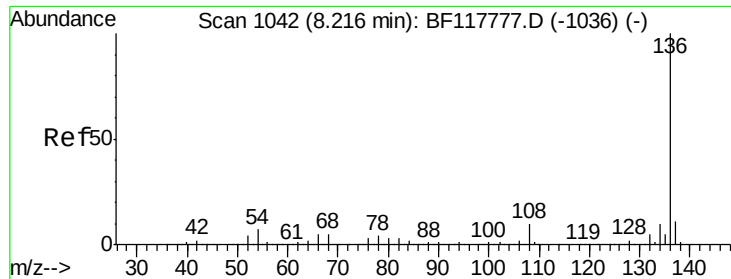
Ion 107.00 (106.70 to 107.70): BF1

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

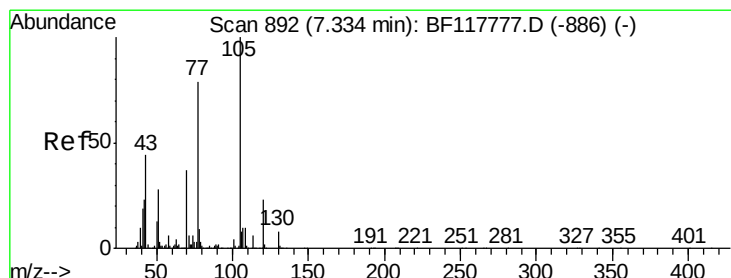
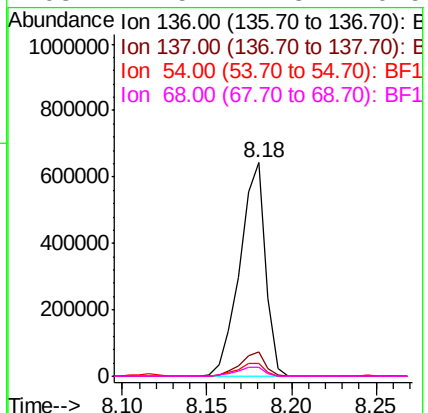
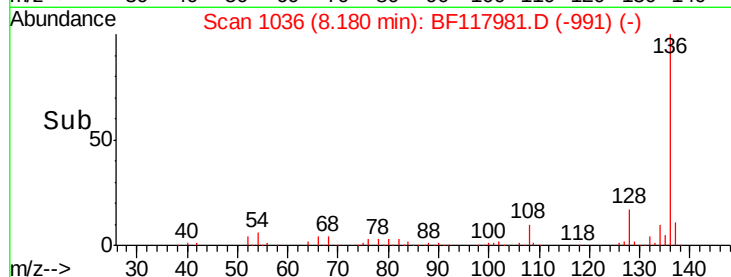
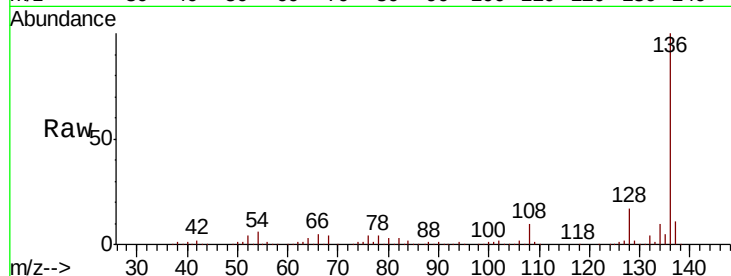




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

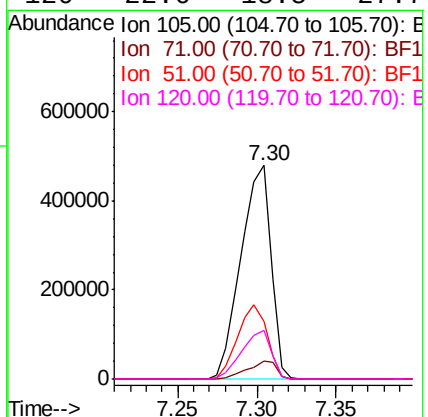
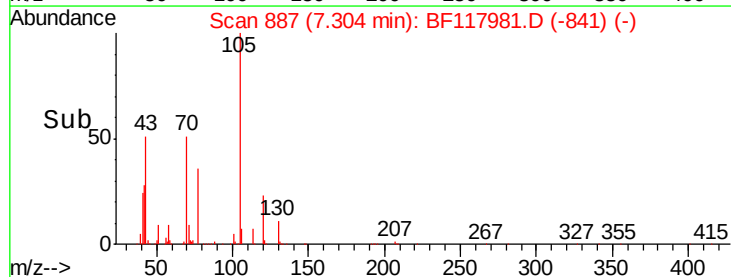
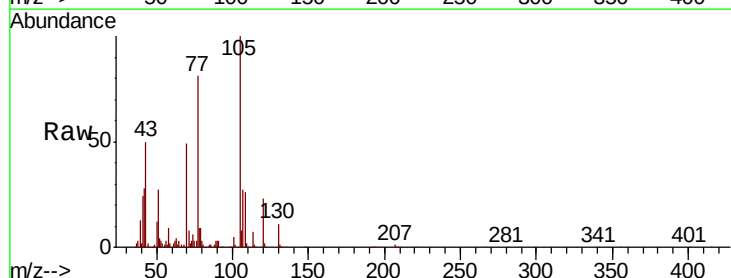
Instrument :
BNA_F
ClientSampleId :

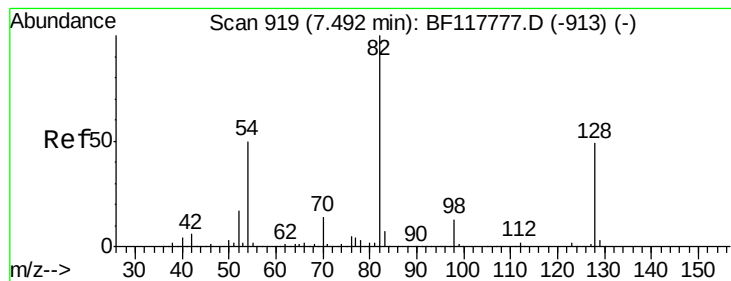
Tot Ion:136	Resp:	680615
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.0	5.4 8.2
68	4.5	4.3 6.5



#22
Acetophenone
Concen: 41.301 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:105	Resp:	631548
Ion Ratio	Lower	Upper
105	100	
71	8.4	4.9 7.3#
51	27.1	22.7 34.1
120	22.6	18.5 27.7





#23

Nitrobenzene-d5

Concen: 58.824 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

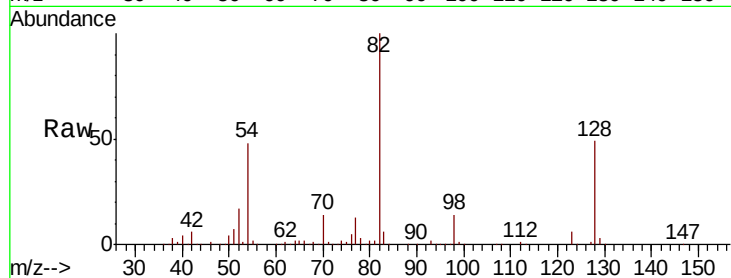
Tot Ion: 82 Resp: 673493

Ion Ratio Lower Upper

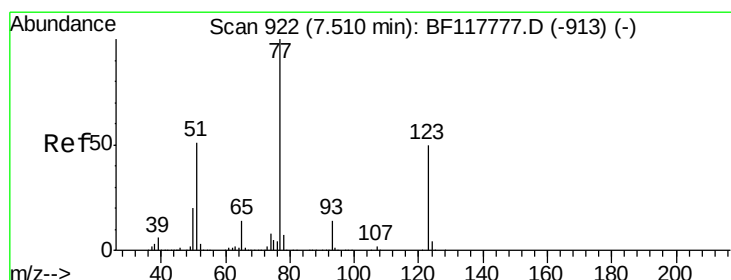
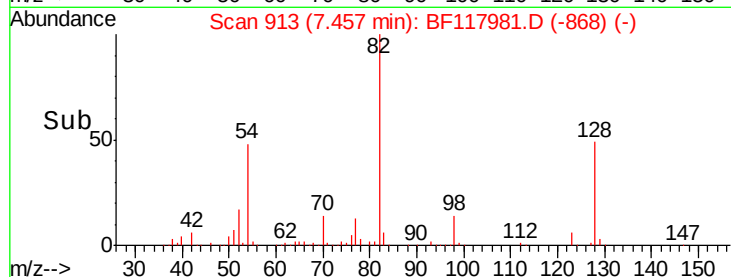
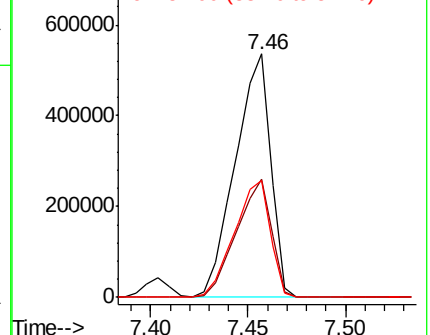
82 100

128 48.7 38.9 58.3

54 48.0 39.8 59.6



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: 41.011 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

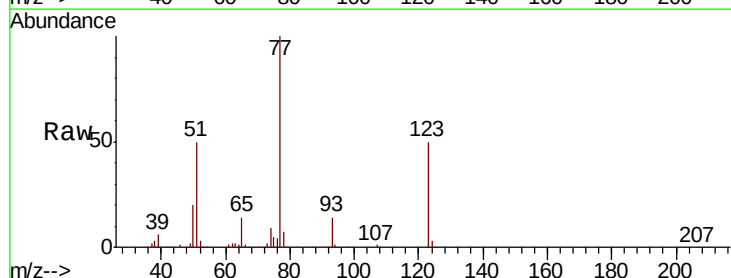
Tgt Ion: 77 Resp: 484396

Ion Ratio Lower Upper

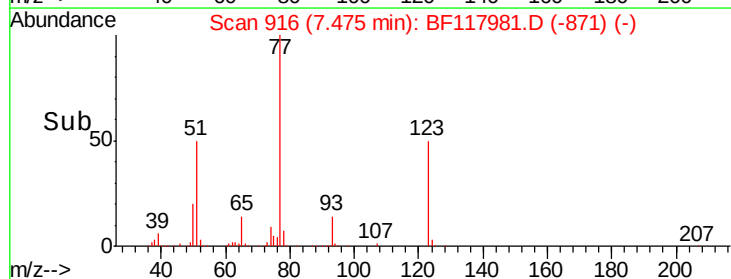
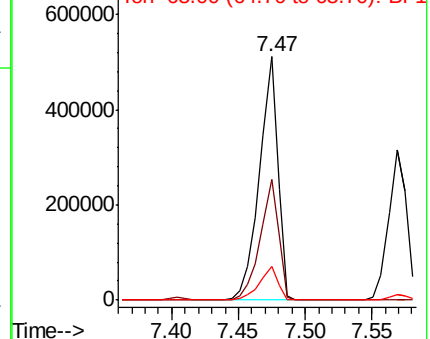
77 100

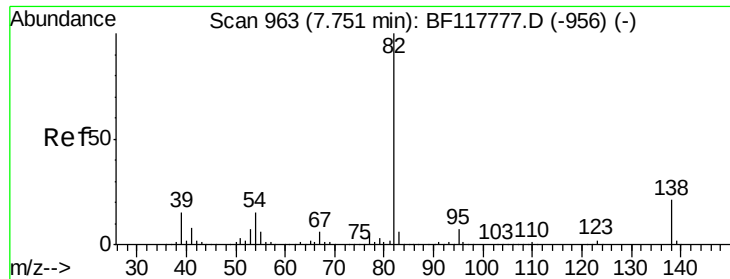
123 49.8 40.3 60.5

65 13.9 10.9 16.3



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

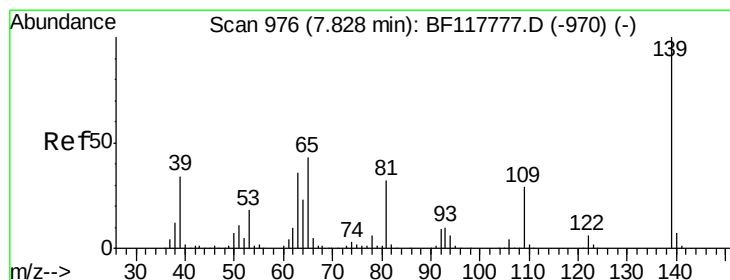
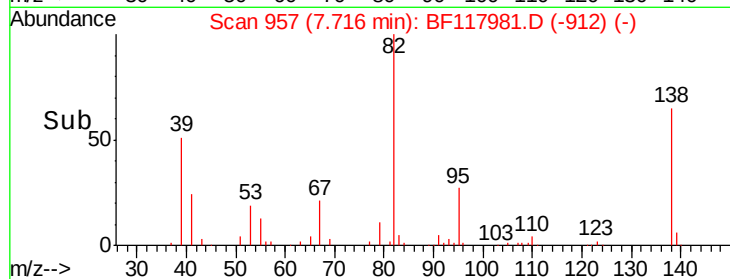
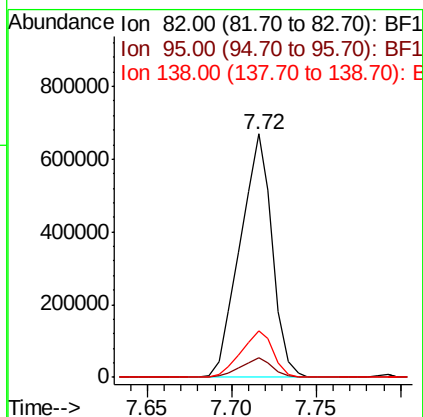
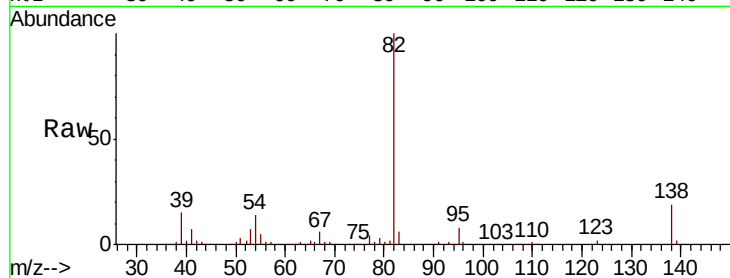




#25
Isophorone
Concen: 42.130 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

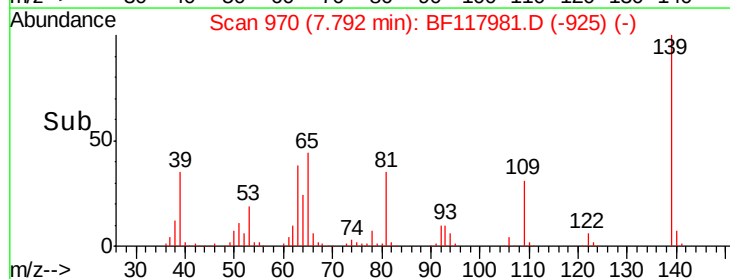
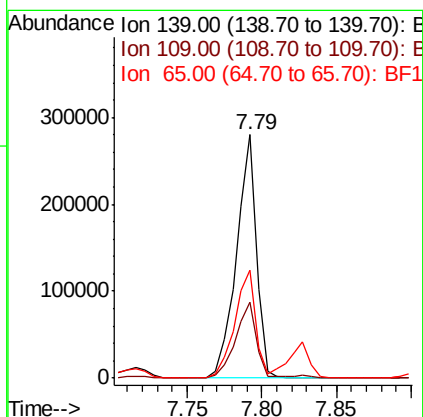
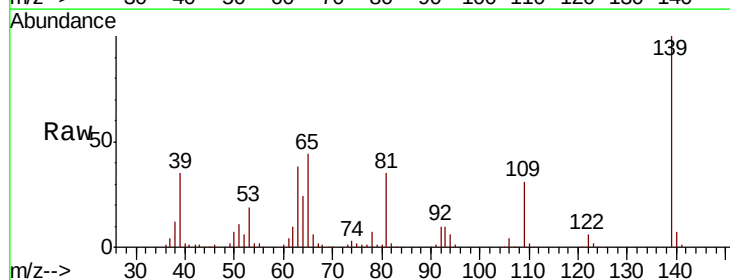
Instrument :
BNA_F
ClientSampleId :

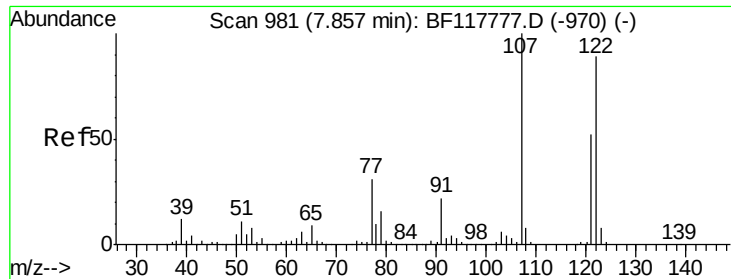
Tot Ion: 82 Resp: 884089
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 19.1 16.5 24.7



#26
2-Nitrophenol
Concen: 45.920 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion: 139 Resp: 263995
Ion Ratio Lower Upper
139 100
109 31.4 23.0 34.4
65 44.2 34.7 52.1

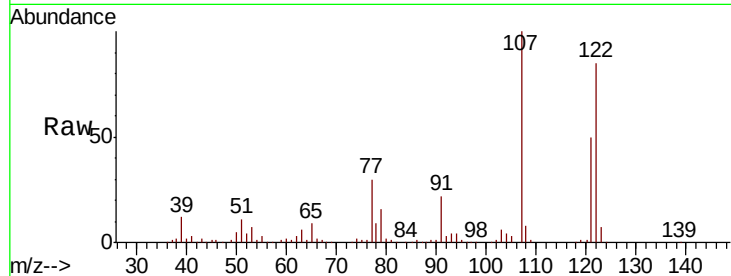




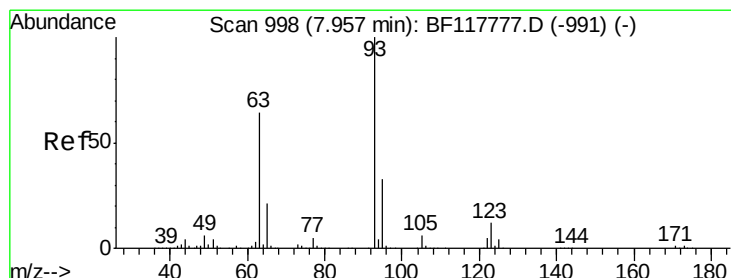
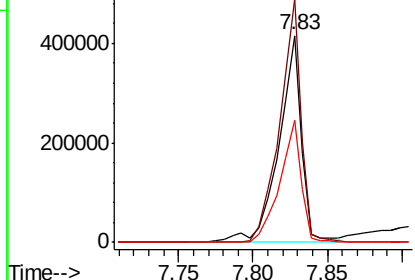
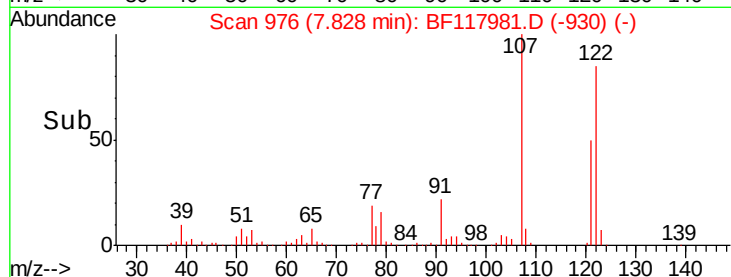
#27
2,4-Dimethylphenol
Concen: 49.680 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 443809
Ion Ratio Lower Upper
122 100
107 117.7 90.0 135.0
121 59.2 46.7 70.1

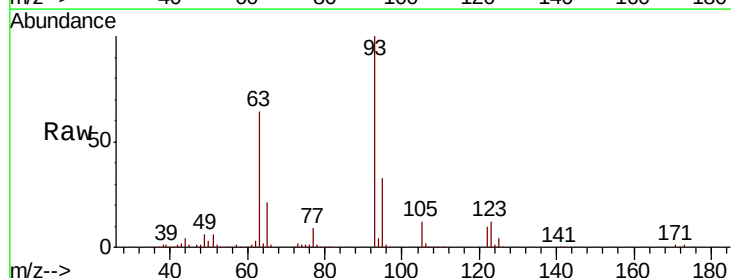


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

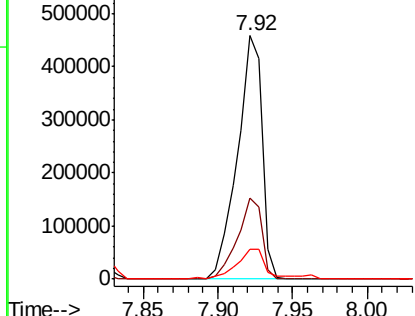
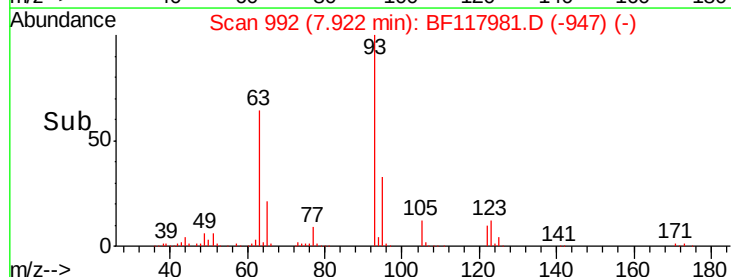


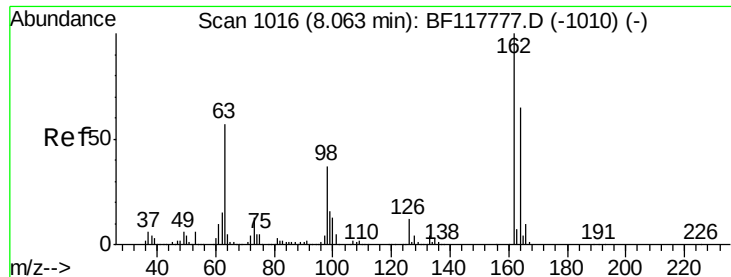
#28
bis(2-Chloroethoxy)methane
Concen: 39.738 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion: 93 Resp: 529173
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.3 10.3 15.5



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

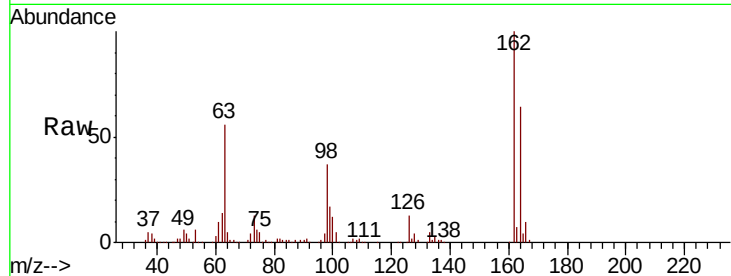




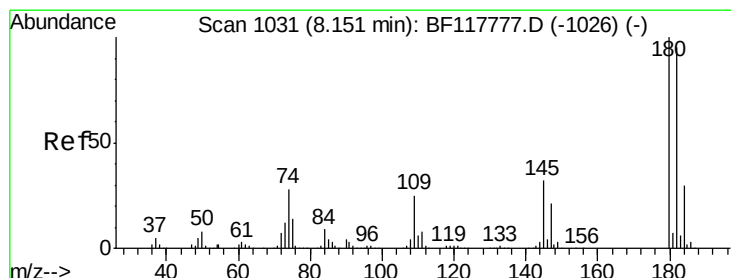
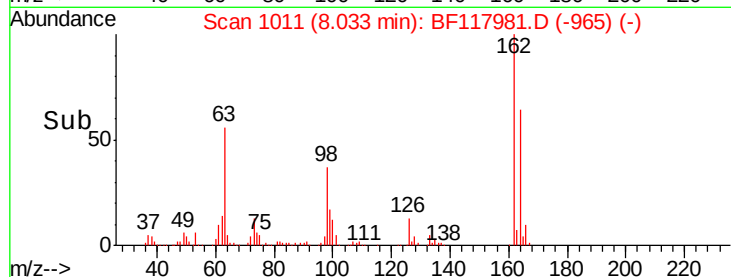
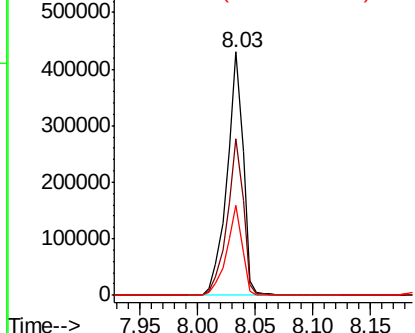
#29
2,4-Dichlorophenol
Concen: 43.084 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 417482
Ion Ratio Lower Upper
162 100
164 64.5 45.1 85.1
98 36.9 17.2 57.2

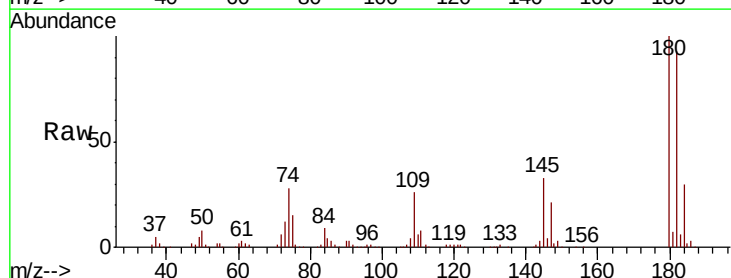


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

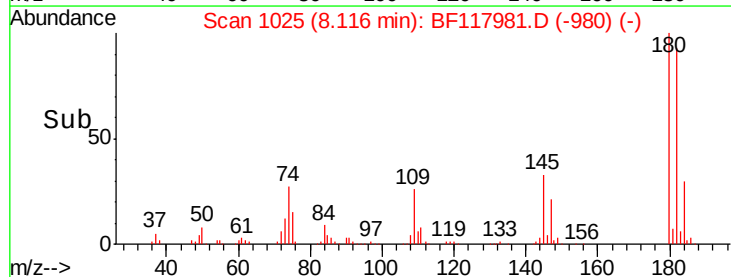
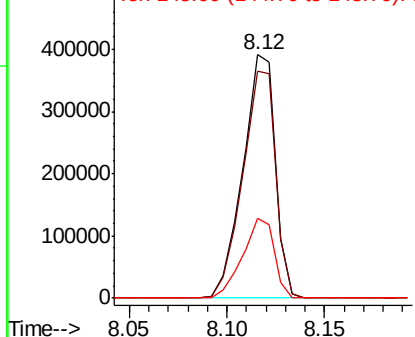


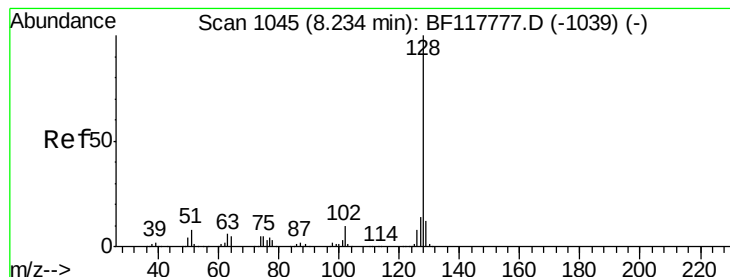
#30
1,2,4-Trichlorobenzene
Concen: 40.013 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:180 Resp: 449741
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.6
145 32.9 25.5 38.3



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: 44.043 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

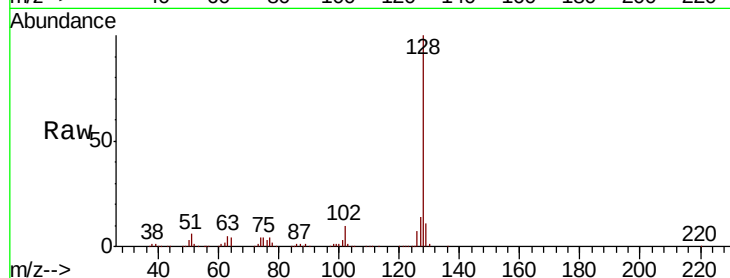
Tot Ion:128 Resp: 1397453

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

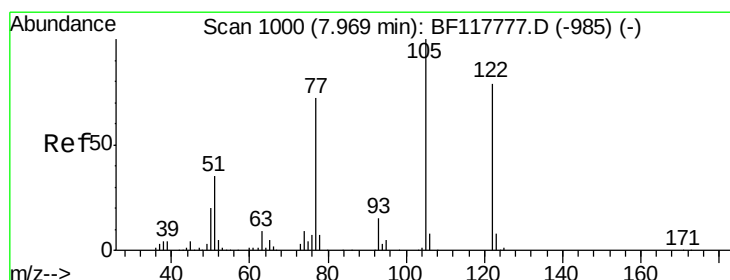
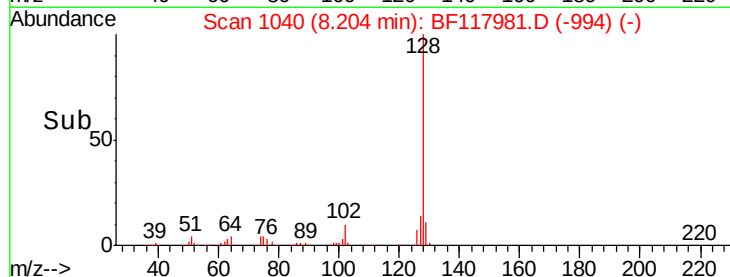
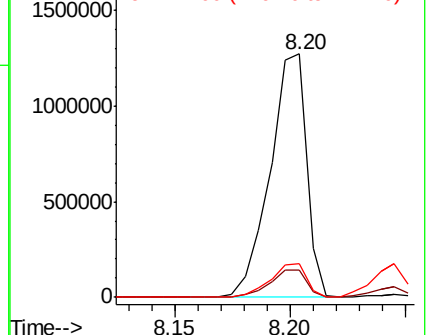
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.343 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

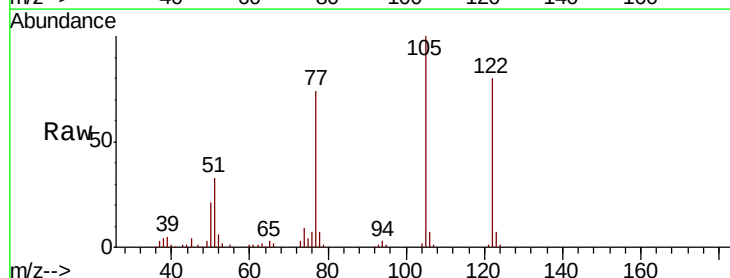
Tgt Ion:122 Resp: 286799

Ion Ratio Lower Upper

122 100

105 124.4 102.7 142.7

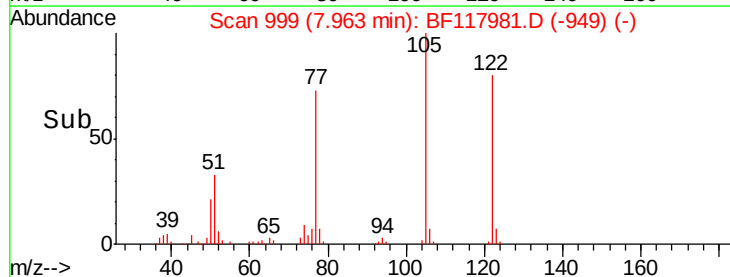
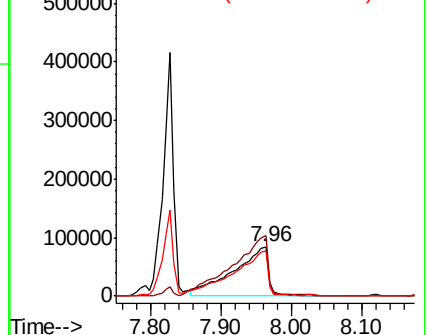
77 91.7 70.5 110.5

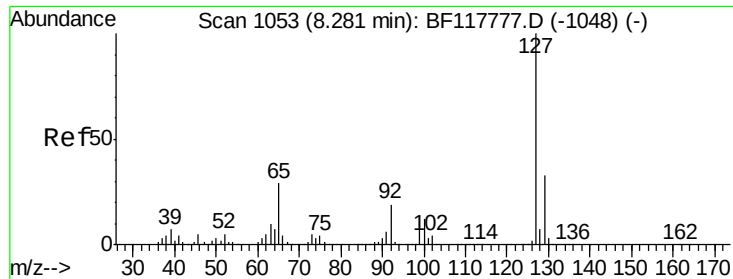


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

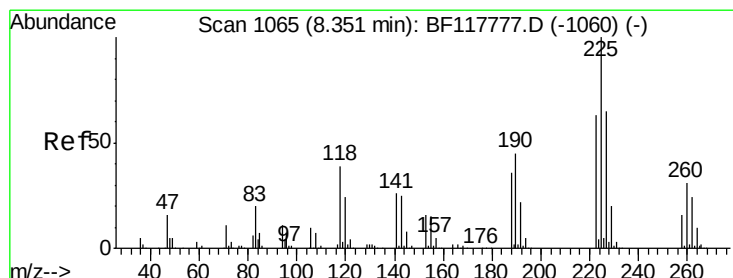
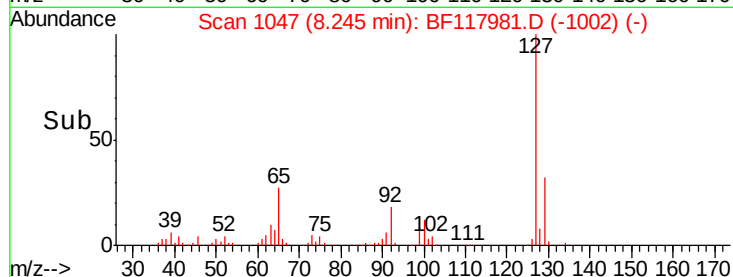
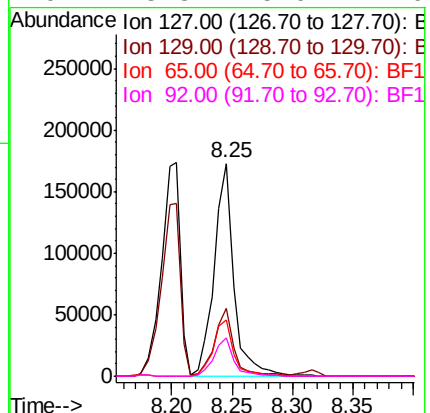
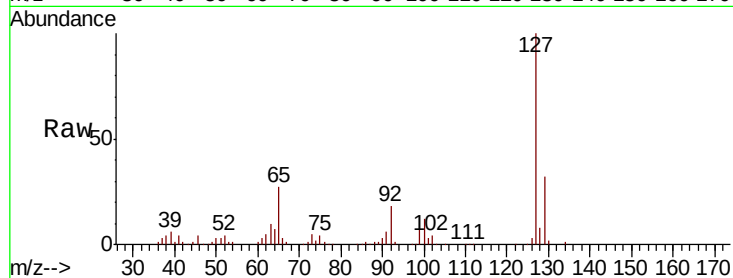




#33
4-Chloroaniline
Concen: 13.522 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

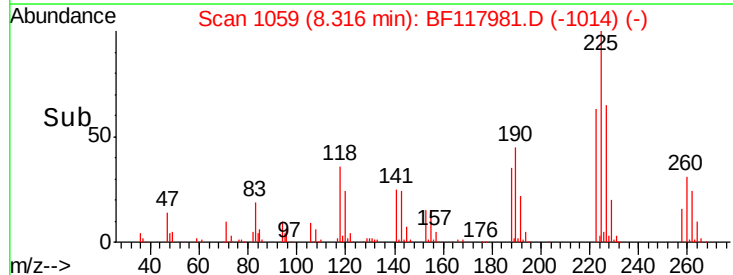
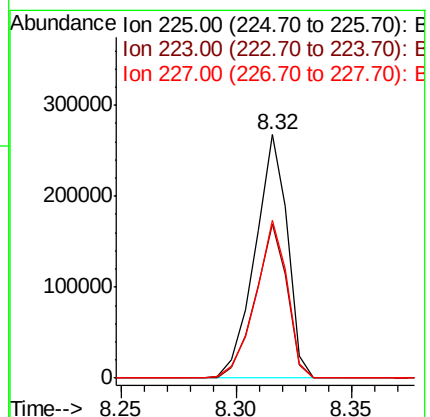
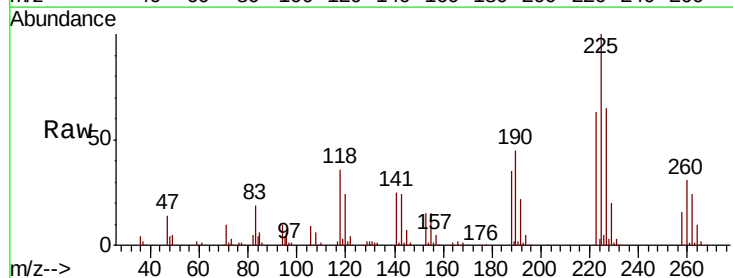
Instrument :
BNA_F
ClientSampled :

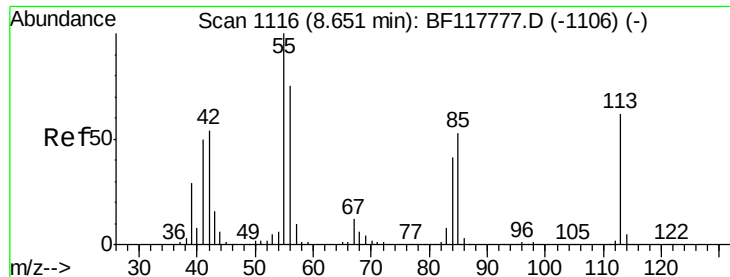
Tot Ion:	127	Resp:	192081
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	26.7	22.9	34.3
92	18.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.846 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:	225	Resp:	261851
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	64.8	51.8	77.6

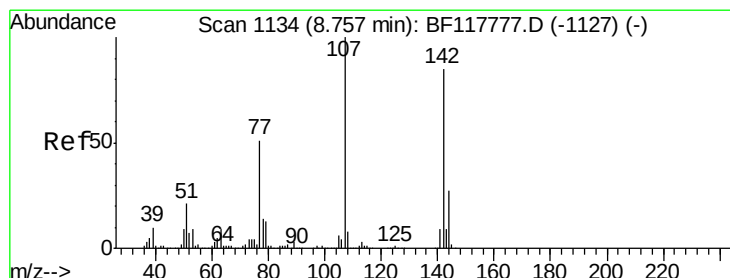
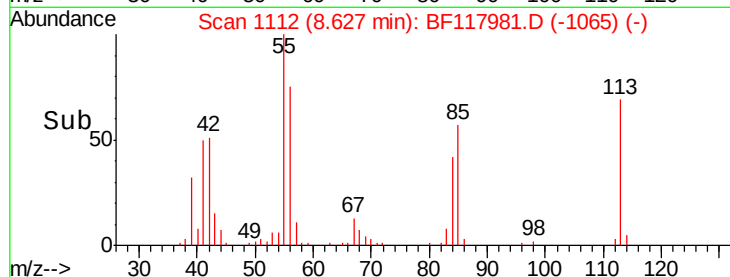
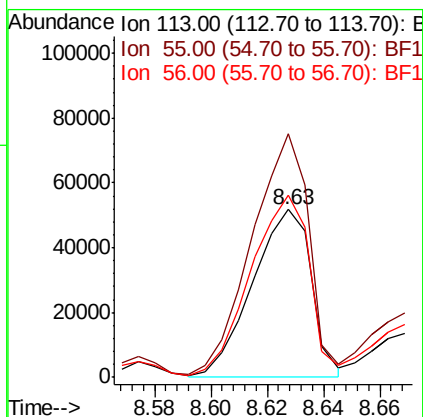
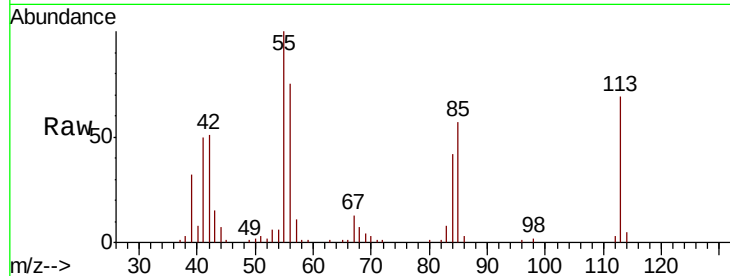




#35
 Caprolactam
 Concen: 24.303 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

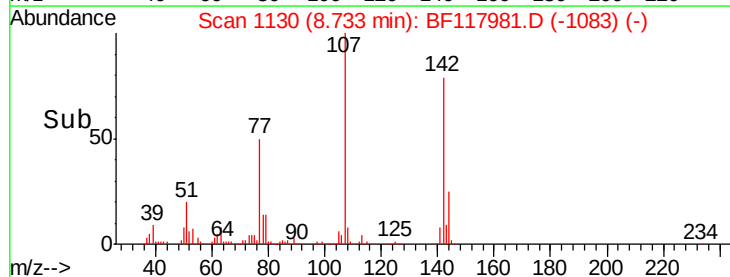
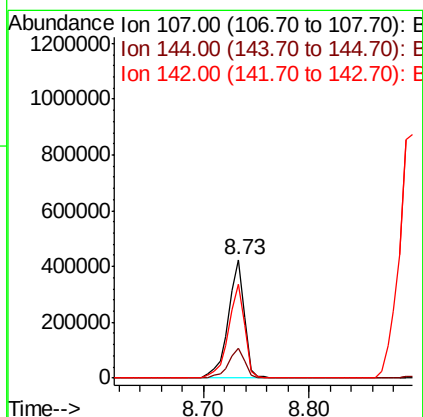
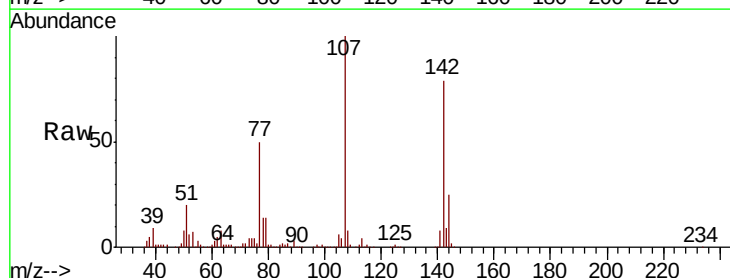
Instrument :
 BNA_F
 ClientSampled :

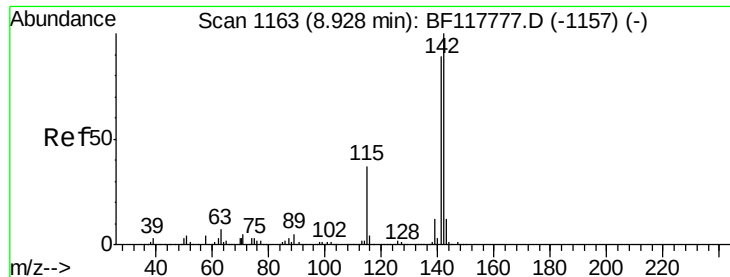
Tot Ion:113 Resp: 74846
 Ion Ratio Lower Upper
 113 100
 55 144.9 141.1 181.1
 56 108.2 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.465 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Tgt Ion:107 Resp: 447111
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.9 32.9
 142 79.0 67.7 101.5

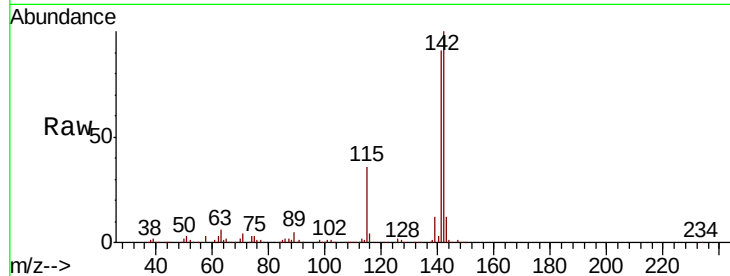




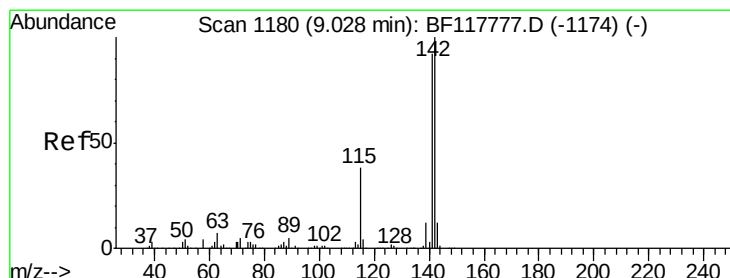
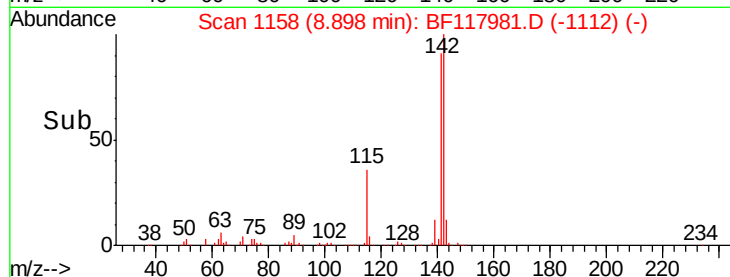
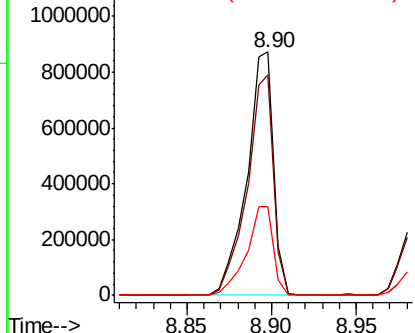
#37
2-Methylnaphthalene
Concen: 45.113 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 967171
Ion Ratio Lower Upper
142 100
141 90.7 71.1 106.7
115 36.2 29.2 43.8

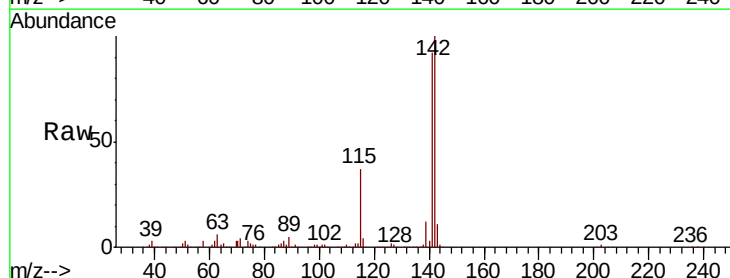


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

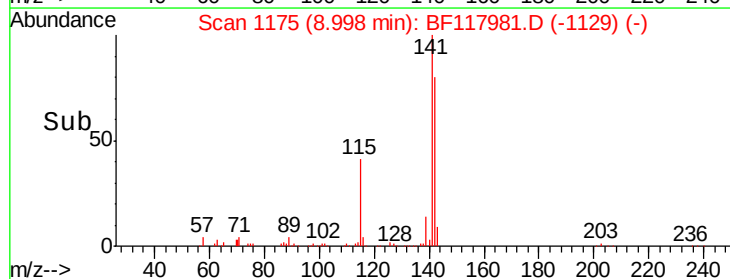
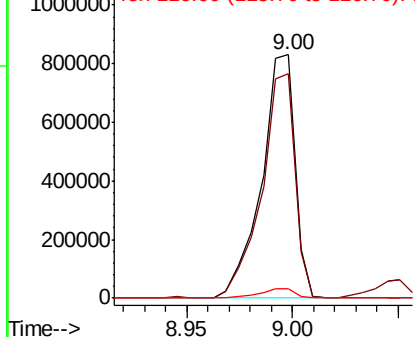


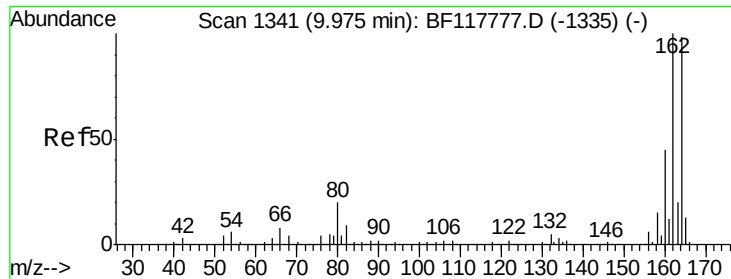
#38
1-Methylnaphthalene
Concen: 45.268 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:142 Resp: 917496
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 3.8 3.2 4.8



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

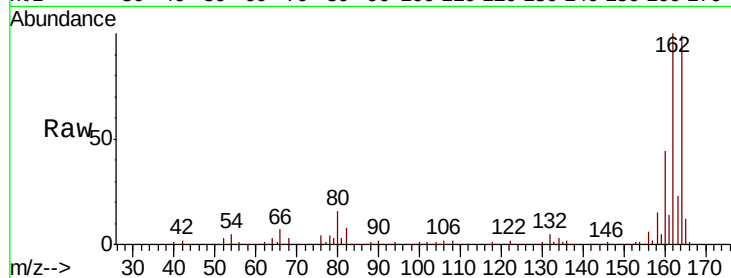




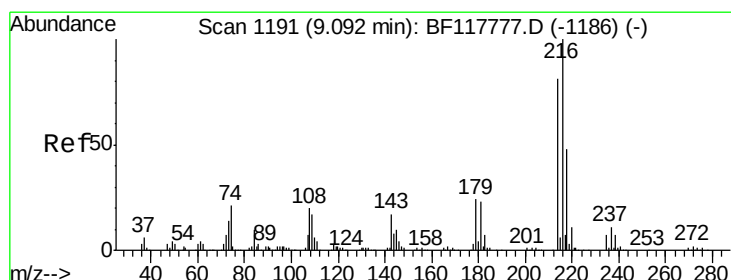
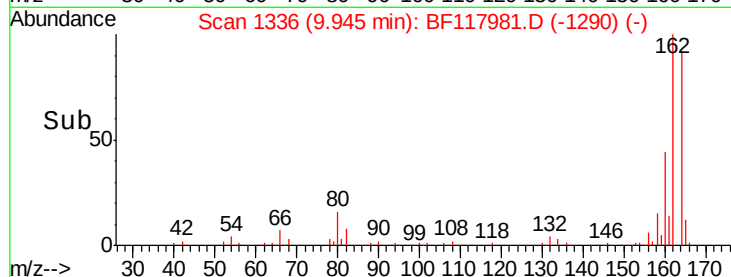
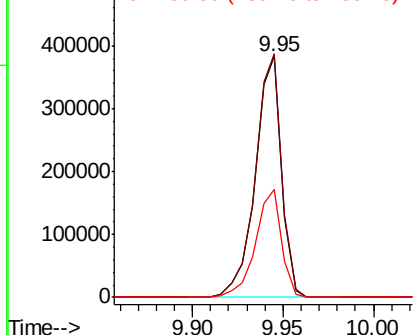
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 383470
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.6 36.6 55.0

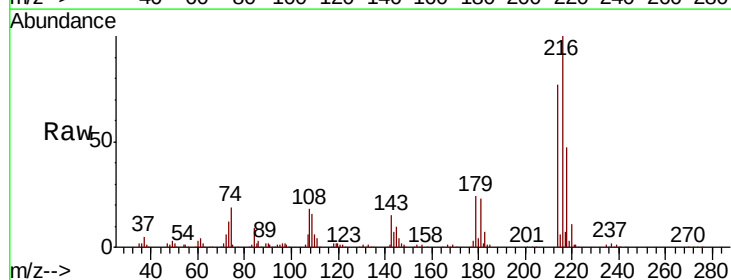


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

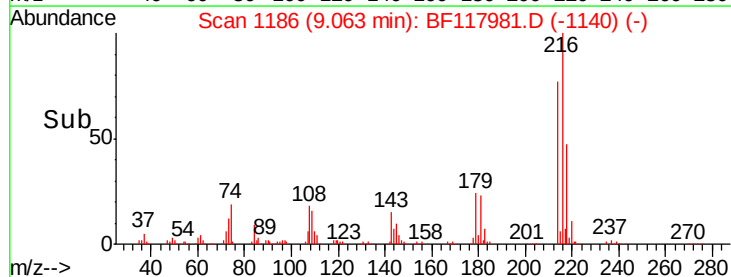
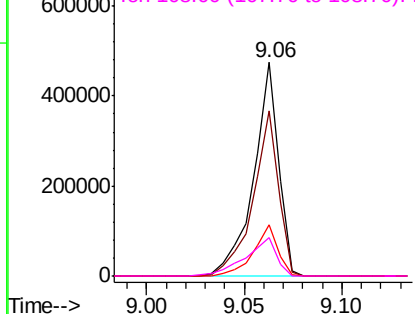


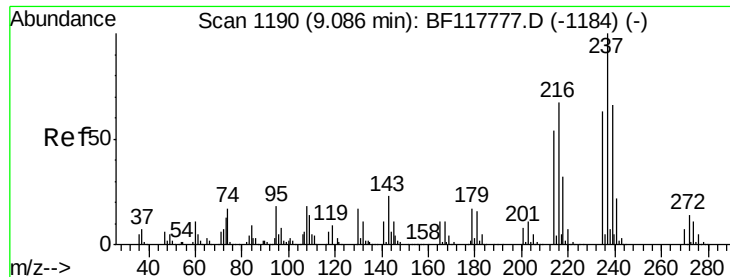
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.705 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:216 Resp: 419900
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 23.7 18.2 27.4
108 22.4 16.0 24.0



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

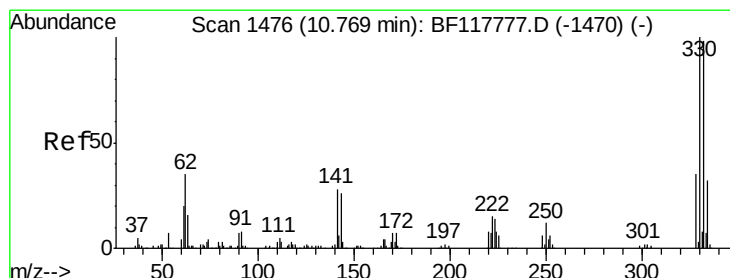
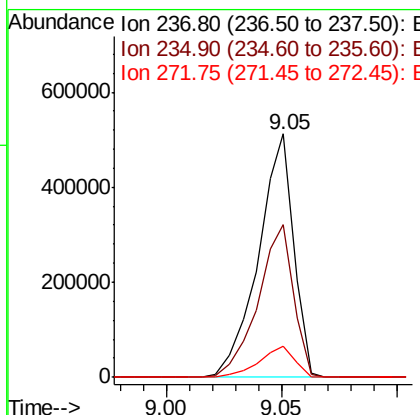
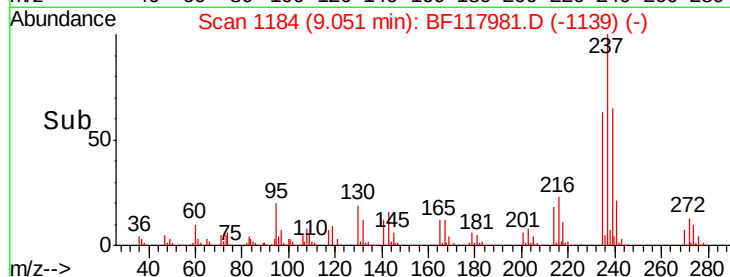
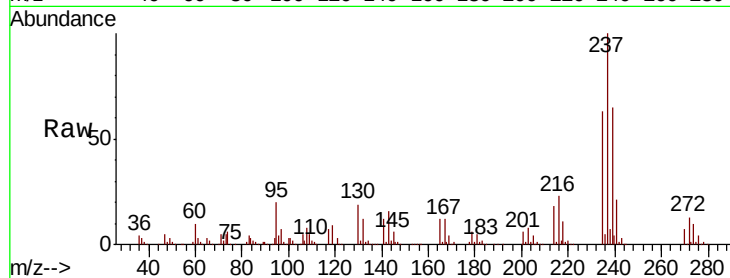




#41
Hexachlorocyclopentadiene
Concen: 86.992 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

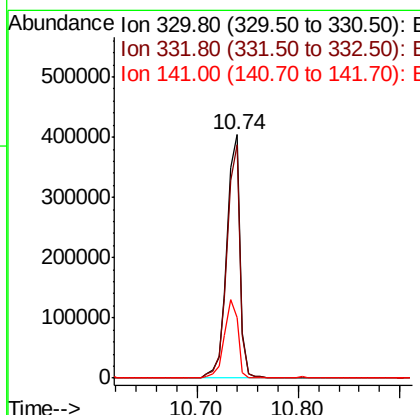
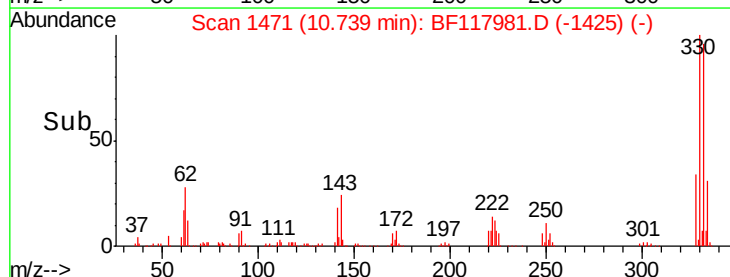
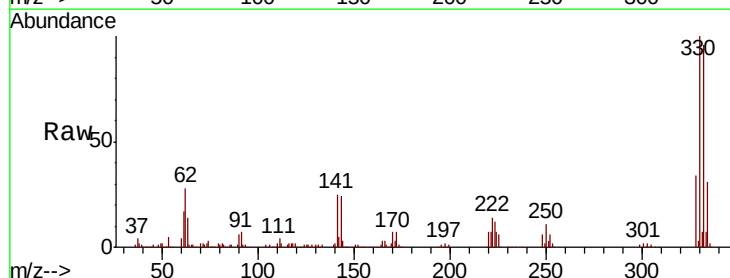
Instrument :
BNA_F
ClientSampleId :

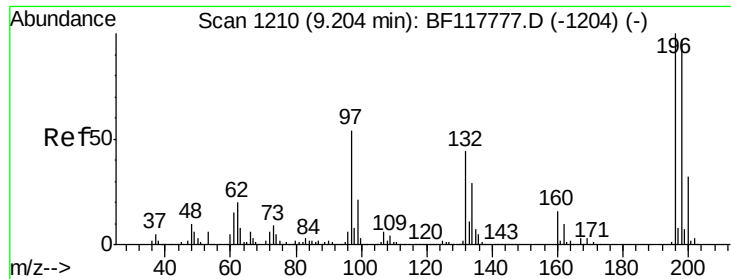
Tot Ion:237 Resp: 542901
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 13.0 0.0 34.3



#42
2,4,6-Tribromophenol
Concen: 90.824 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:330 Resp: 368724
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 33.3 27.7 41.5

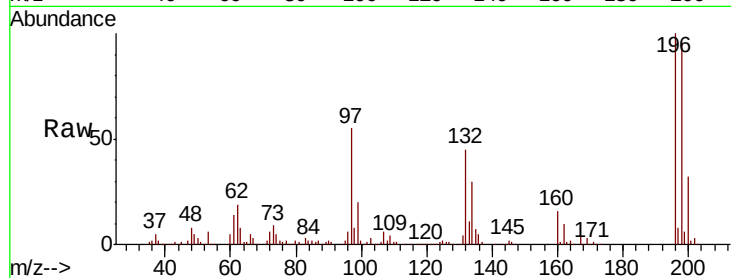




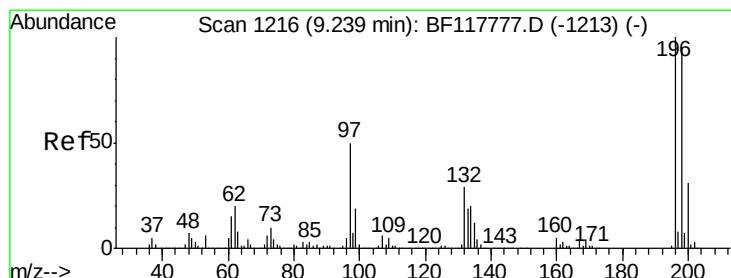
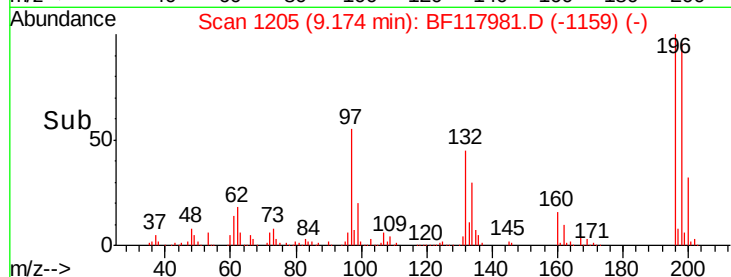
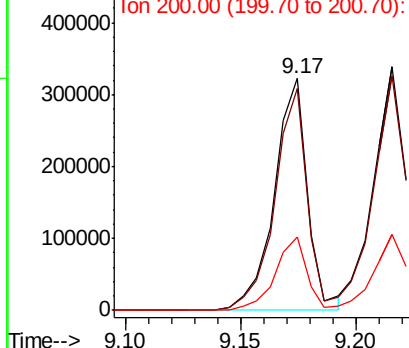
#43
 2,4,6-Trichlorophenol
 Concen: 40.171 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 320424
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.8 116.6
 200 31.6 25.4 38.0

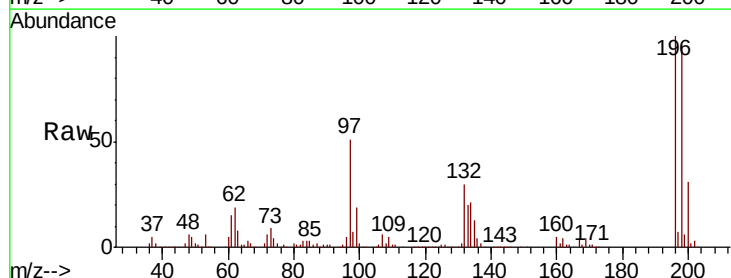


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

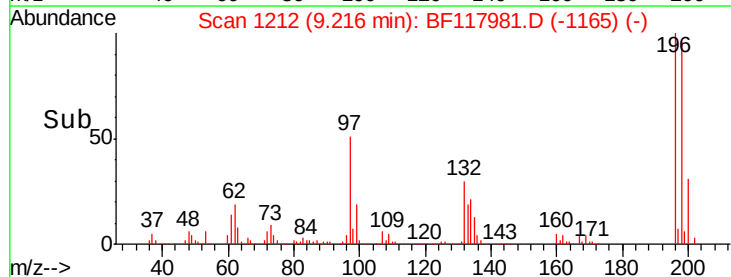
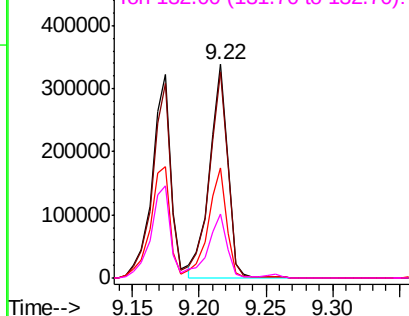


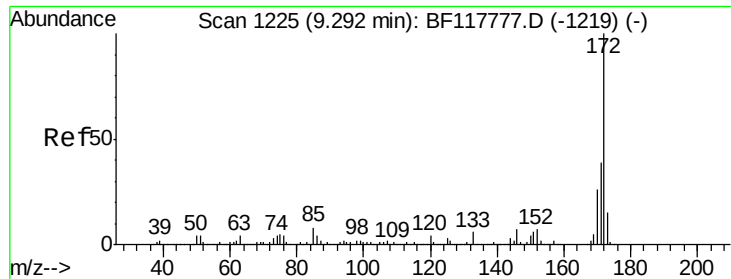
#44
 2,4,5-Trichlorophenol
 Concen: 39.292 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Tgt Ion:196 Resp: 325410
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 97 51.5 40.0 60.0
 132 30.0 23.6 35.4



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

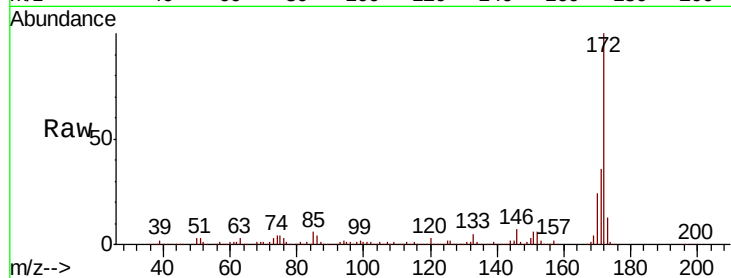




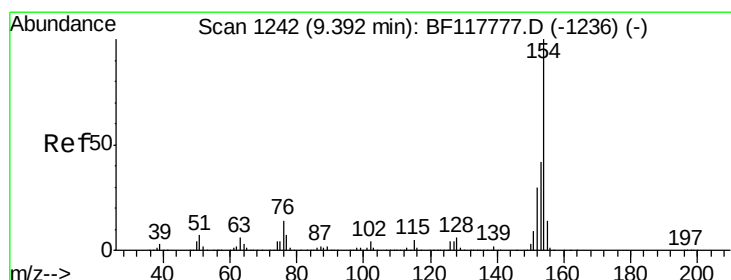
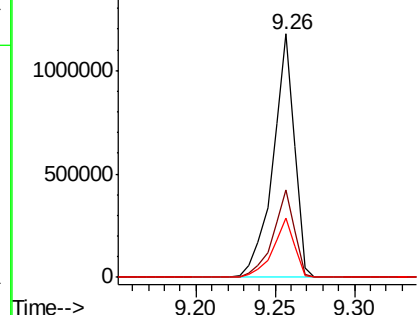
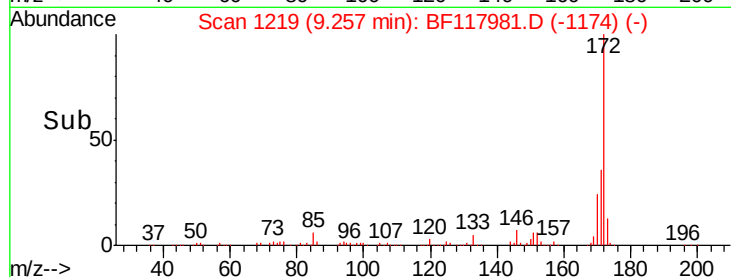
#45
2-Fluorobiphenyl
Concen: 52.526 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1122735
Ion Ratio Lower Upper
172 100
171 36.0 30.9 46.3
170 24.4 21.0 31.4

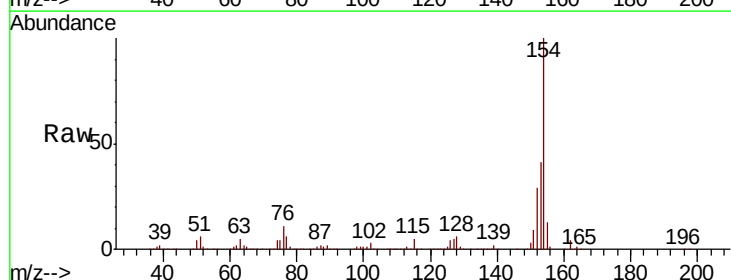


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

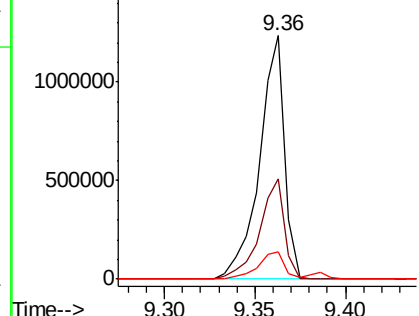
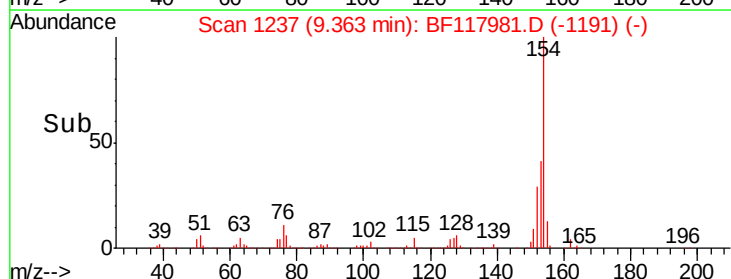


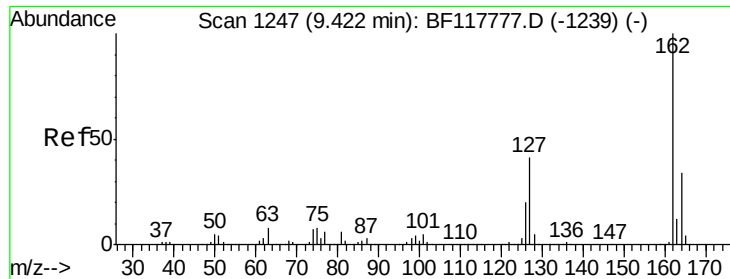
#46
1,1'-Biphenyl
Concen: 41.557 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:154 Resp: 1182280
Ion Ratio Lower Upper
154 100
153 41.1 21.9 61.9
76 11.2 0.0 33.6



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

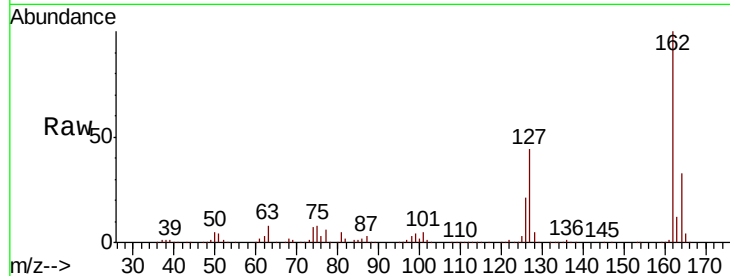




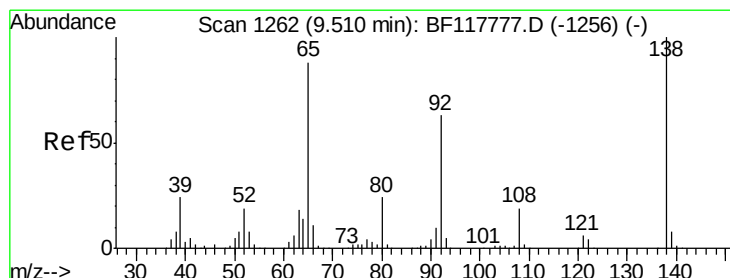
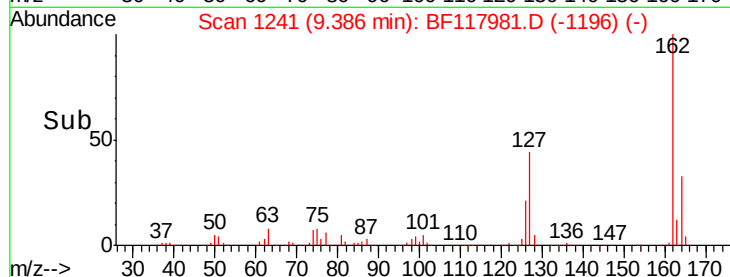
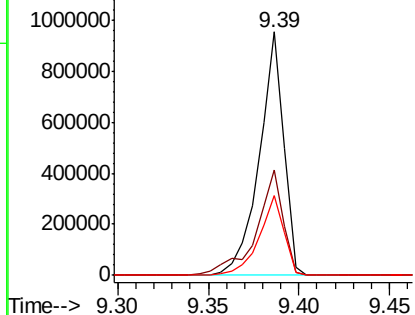
#47
2-Chloronaphthalene
Concen: 38.404 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 898829
Ion Ratio Lower Upper
162 100
127 43.5 33.2 49.8
164 32.7 27.3 40.9

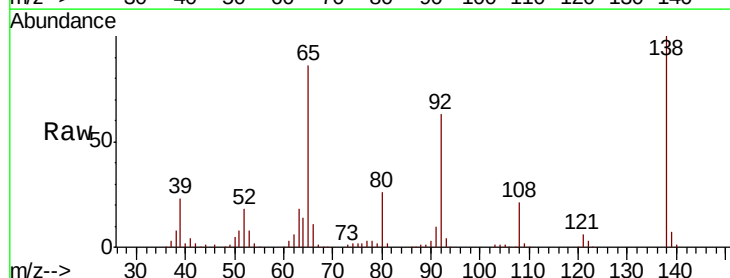


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

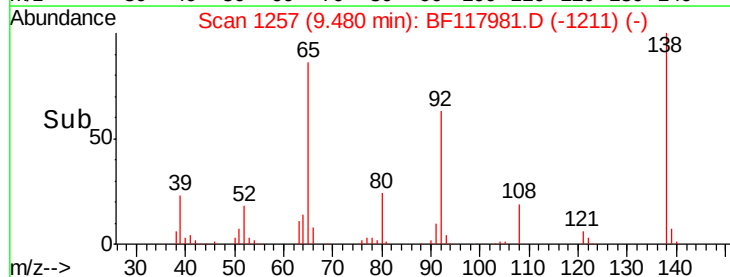
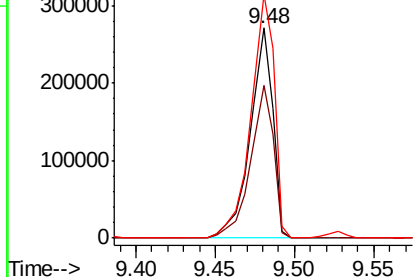


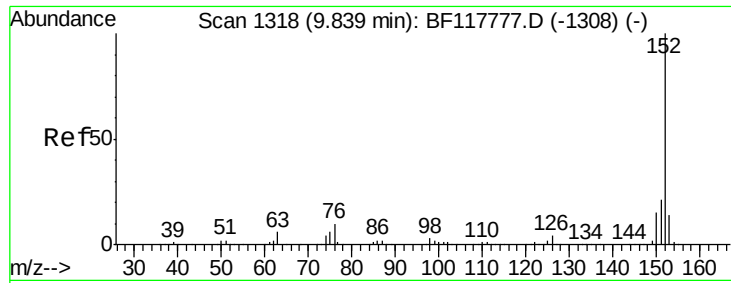
#48
2-Nitroaniline
Concen: 37.845 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion: 65 Resp: 267409
Ion Ratio Lower Upper
65 100
92 72.8 56.6 84.8
138 115.9 90.5 135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.784 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

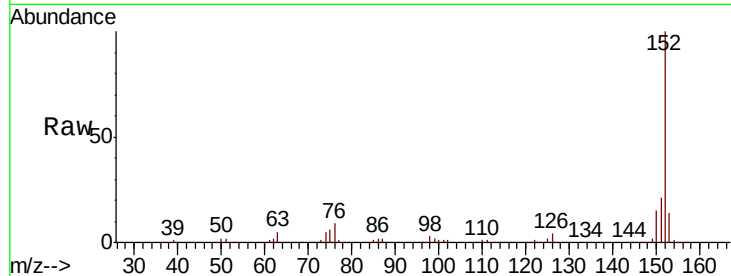
Tot Ion:152 Resp: 1459895

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

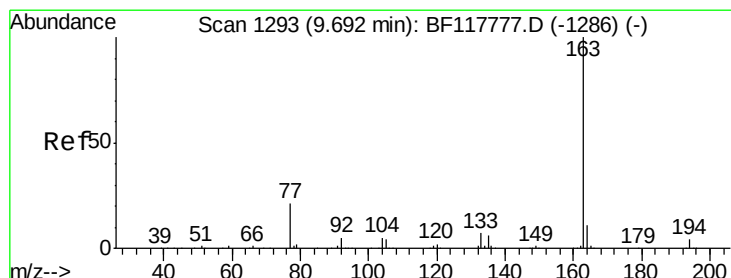
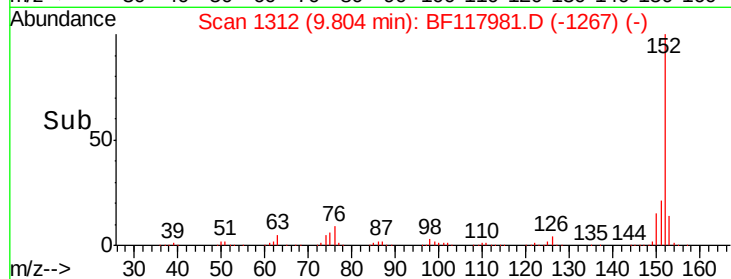
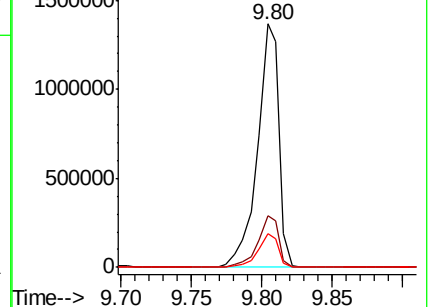
153 13.7 11.0 16.6



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: 48.664 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

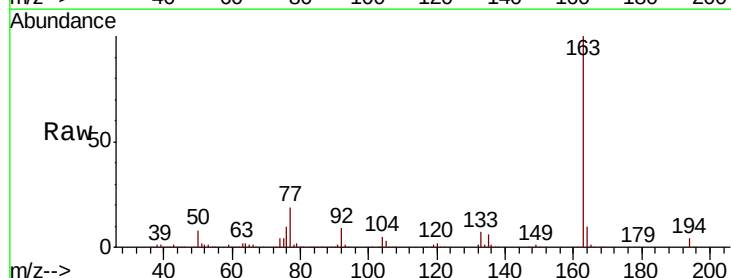
Tgt Ion:163 Resp: 1308596

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

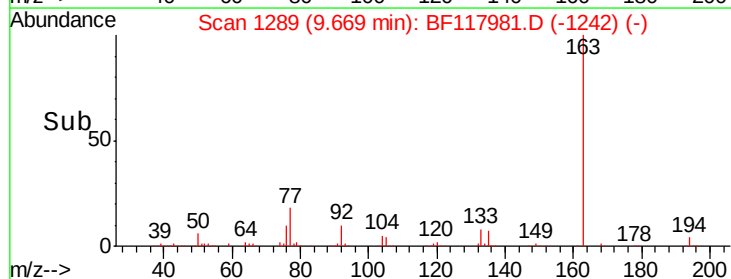
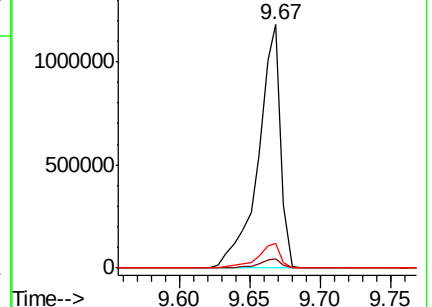
164 10.3 8.7 13.1

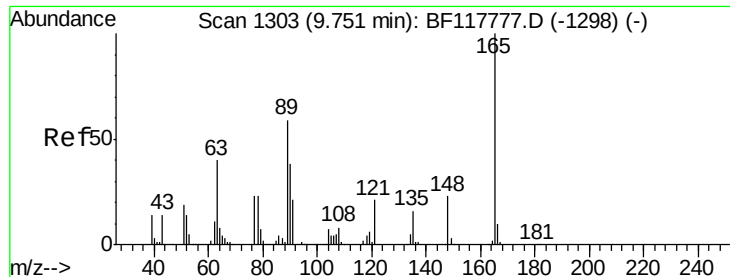


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.203 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

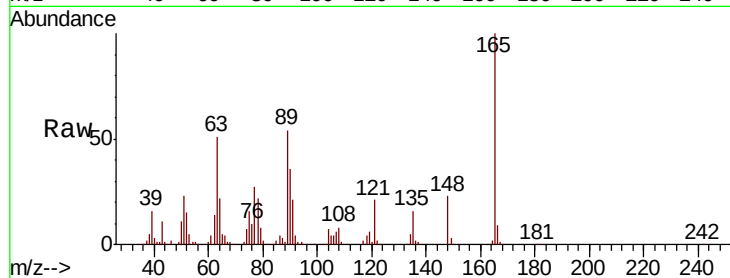
Tot Ion:165 Resp: 248028

Ion Ratio Lower Upper

165 100

63 50.7 46.0 69.0

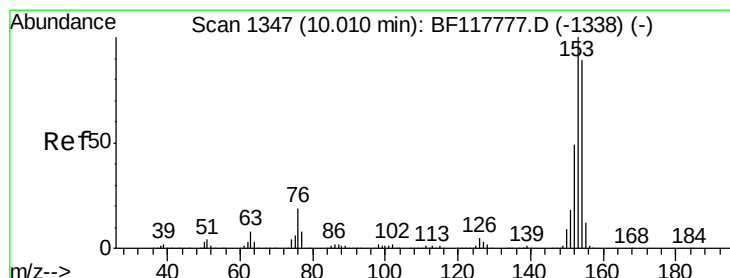
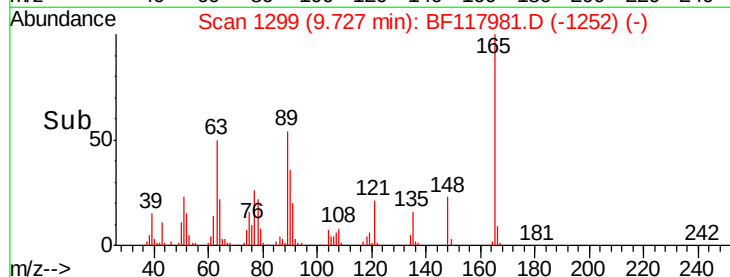
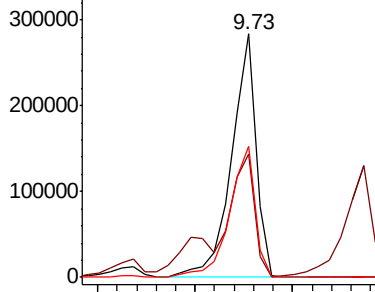
89 54.0 47.7 71.5



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: 39.337 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

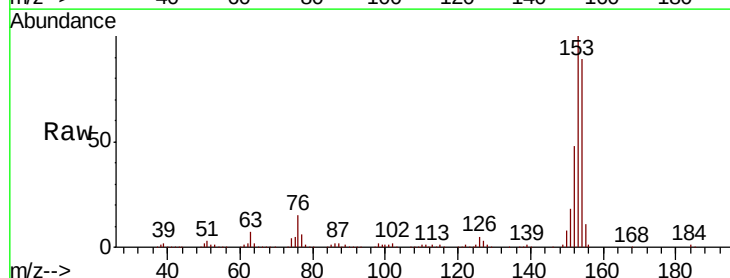
Tgt Ion:154 Resp: 859850

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

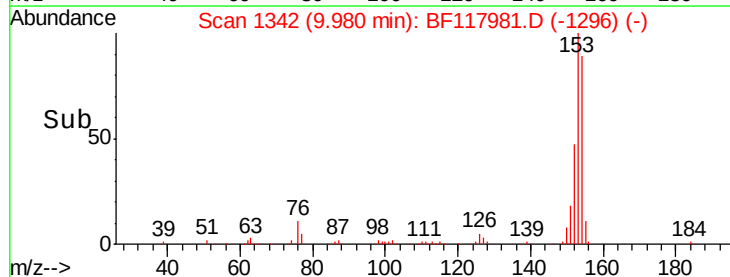
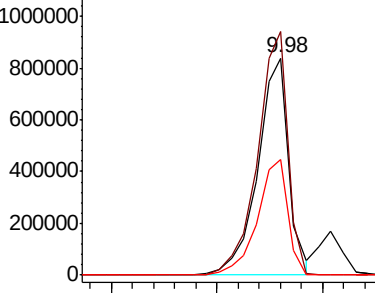
152 53.5 44.0 66.0

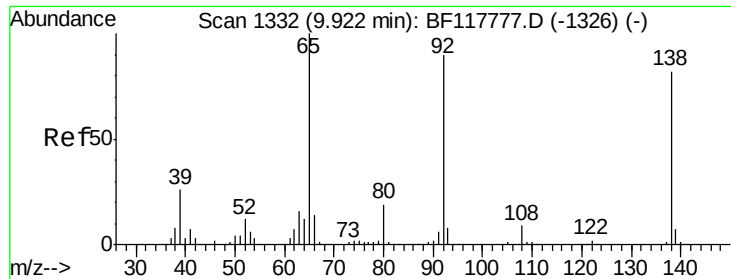


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

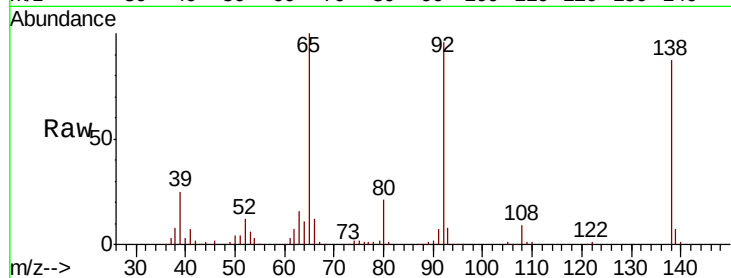




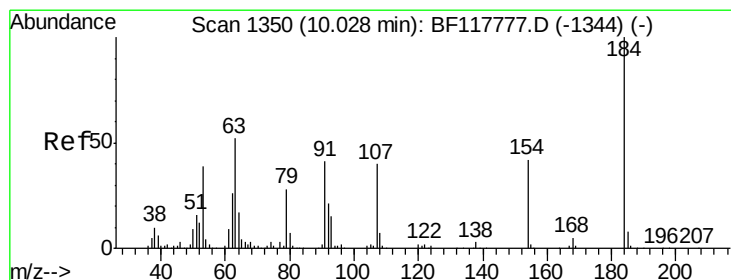
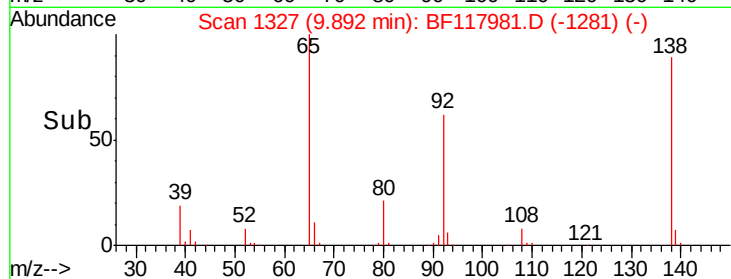
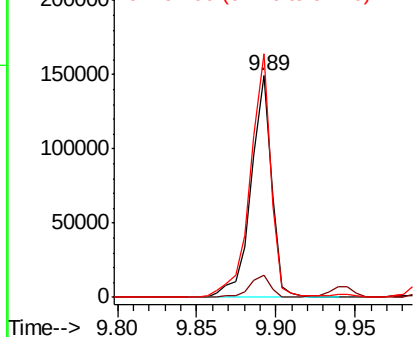
#53
3-Nitroaniline
Concen: 19.123 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 134482
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 109.9 87.9 131.9

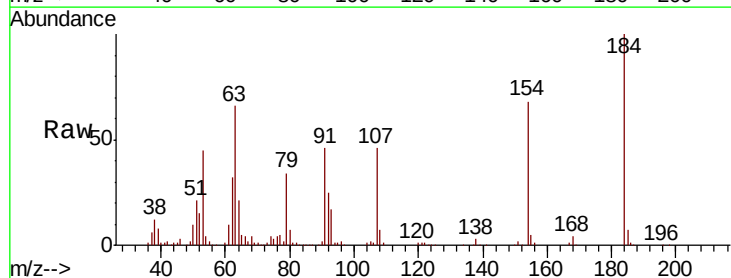


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

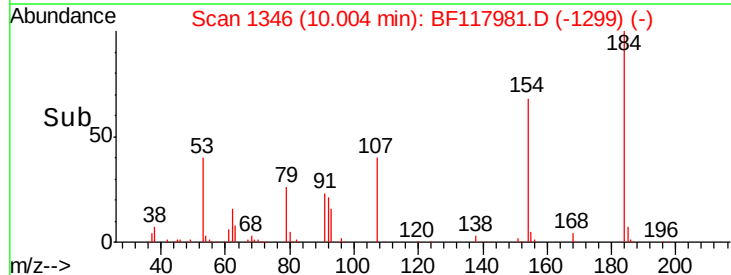
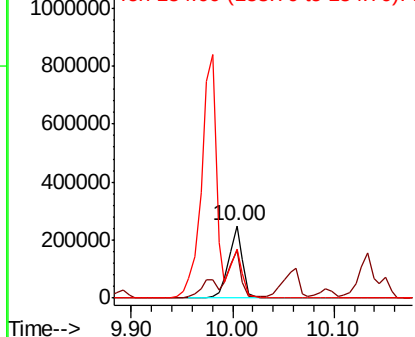


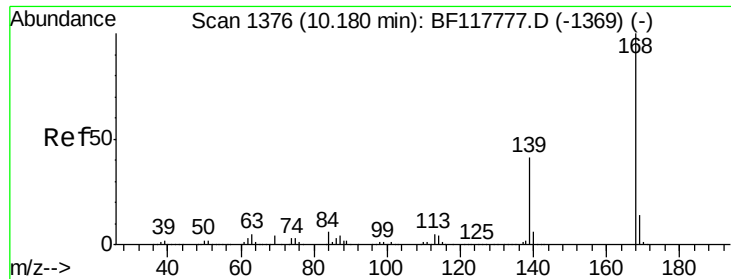
#54
2,4-Dinitrophenol
Concen: 79.398 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:184 Resp: 239580
Ion Ratio Lower Upper
184 100
63 65.9 43.0 64.6#
154 67.6 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

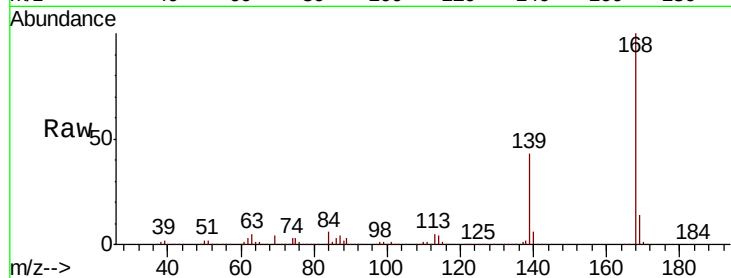




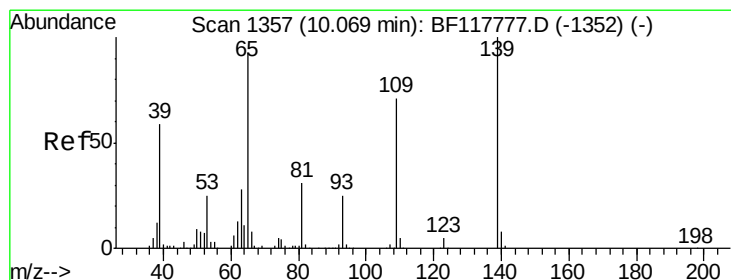
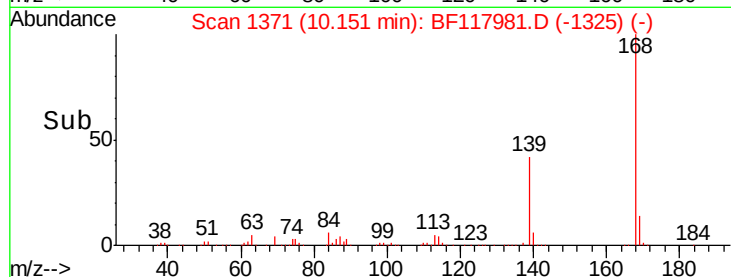
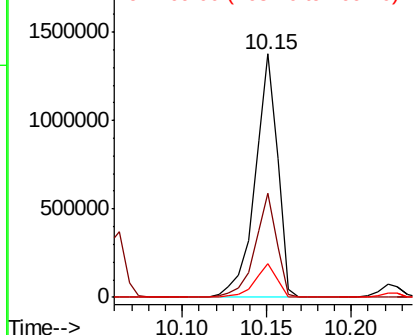
#55
Dibenzofuran
Concen: 42.225 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1278119
Ion Ratio Lower Upper
168 100
139 42.5 33.0 49.6
169 13.8 11.5 17.3

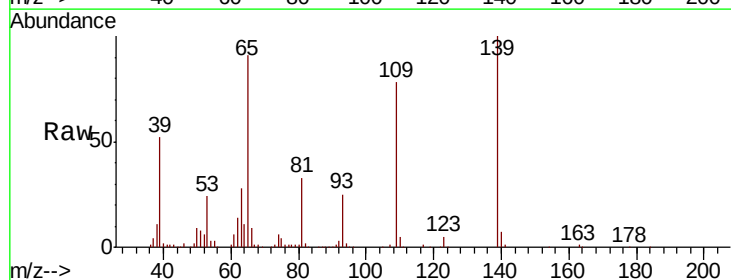


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

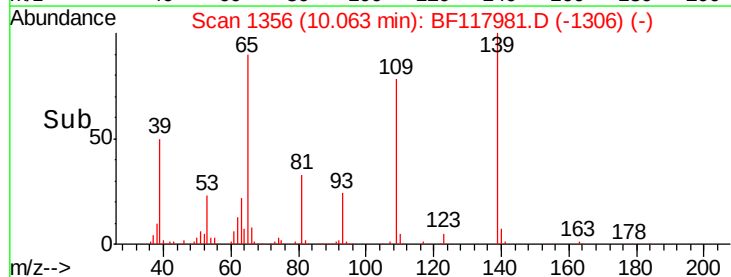
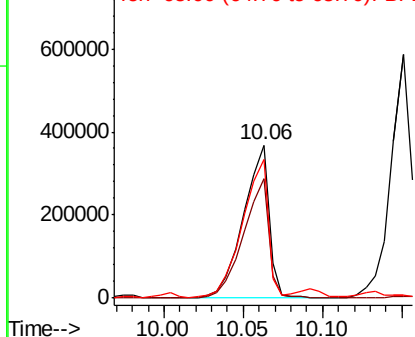


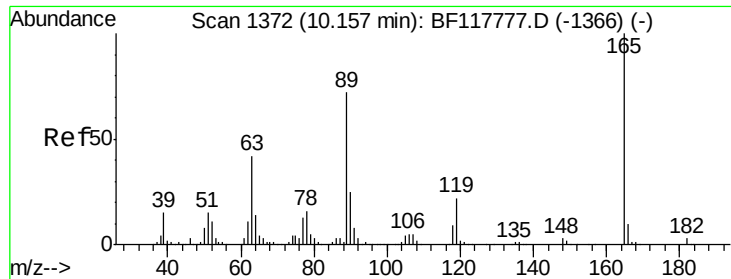
#56
4-Nitrophenol
Concen: 79.372 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:139 Resp: 416633
Ion Ratio Lower Upper
139 100
109 78.1 50.8 90.8
65 90.6 73.6 113.6



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

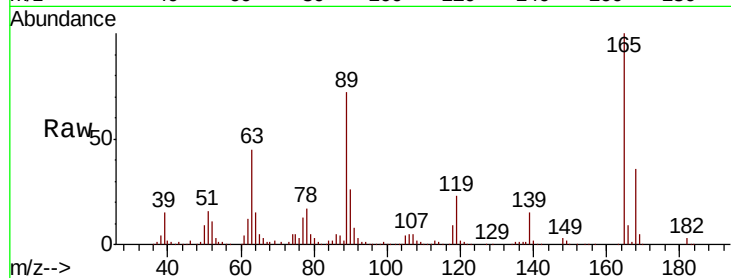




#57
2,4-Dinitrotoluene
Concen: 44.300 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	33.7	50.5
89	71.8	57.3	85.9
182	2.8	2.3	3.5



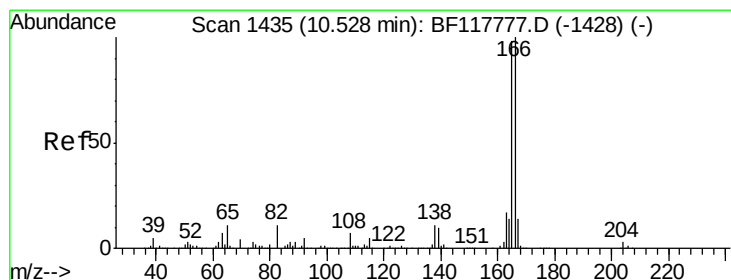
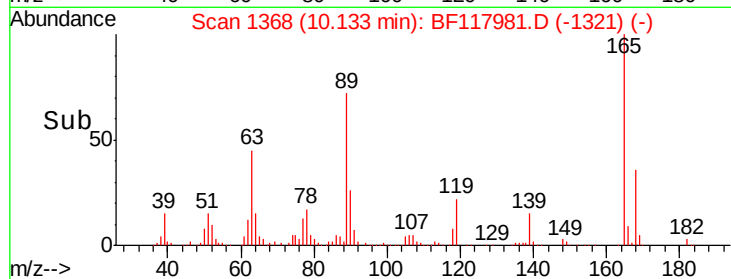
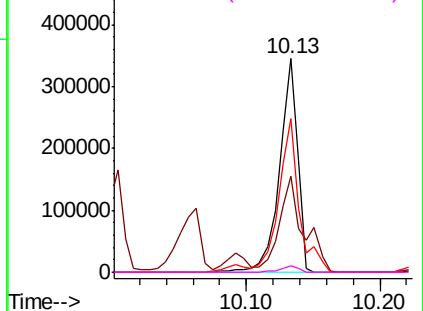
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

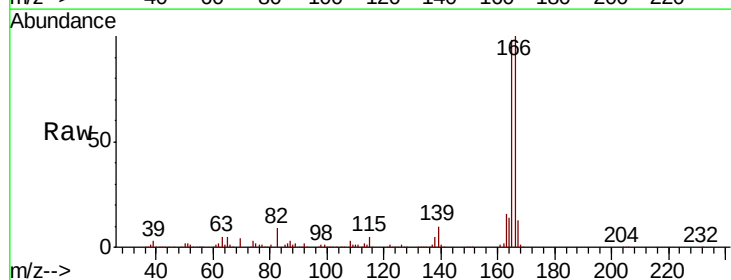
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.942 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.2	11.0	16.4

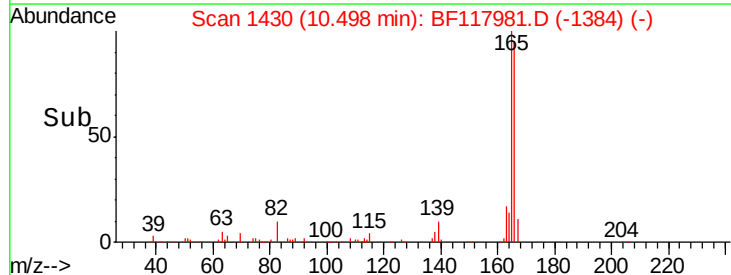
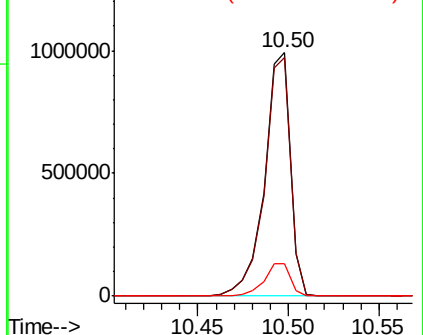


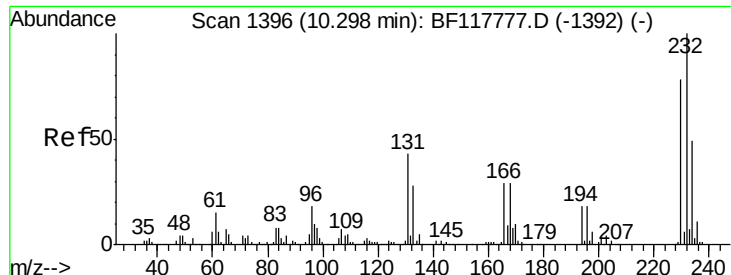
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

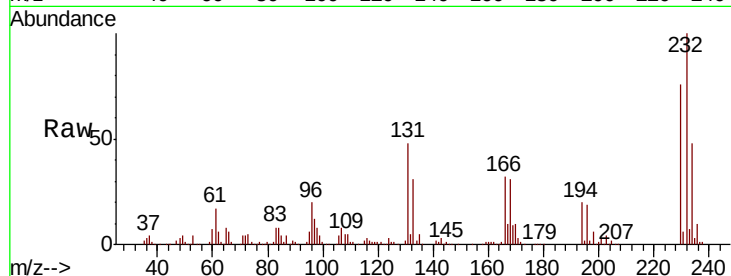




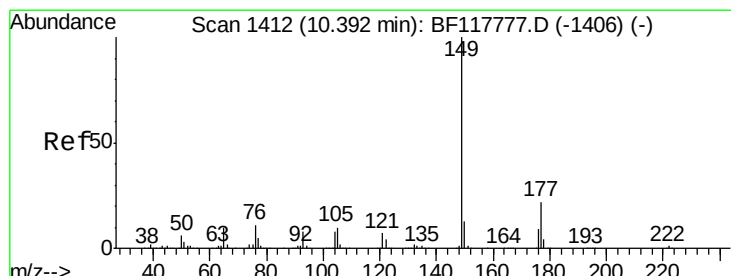
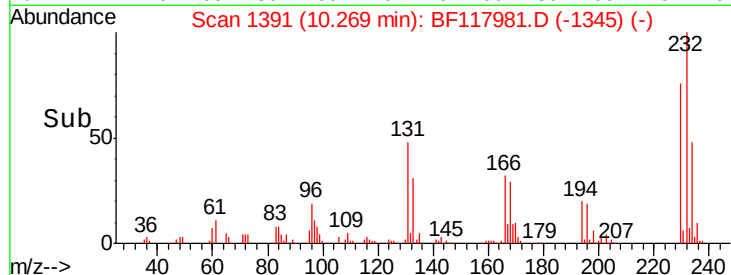
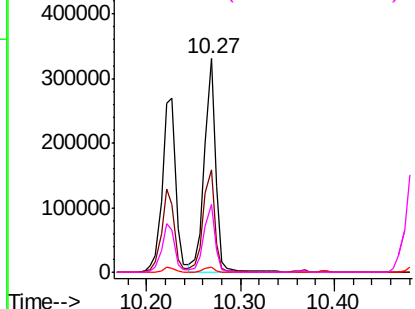
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.531 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 275807
Ion Ratio Lower Upper
232 100
131 50.0 37.6 56.4
130 2.5 1.9 2.9
166 31.9 24.2 36.4

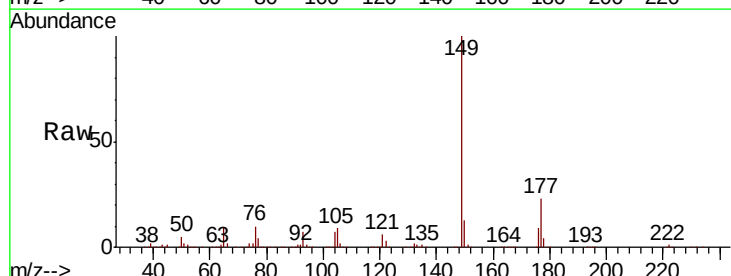


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

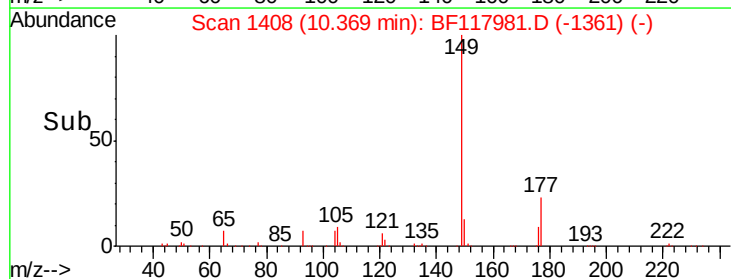
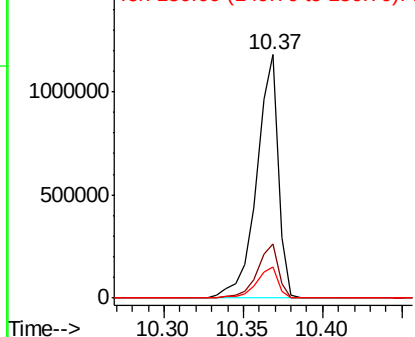


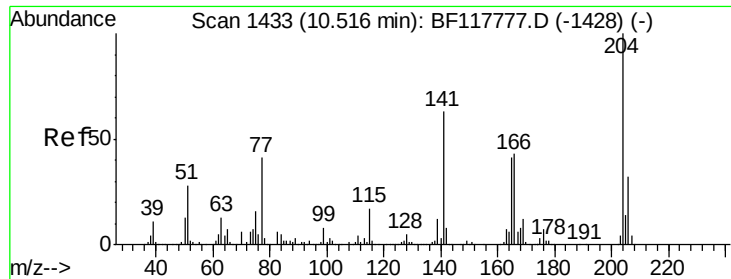
#60
Diethylphthalate
Concen: 42.826 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:149 Resp: 1122761
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.7 10.5 15.7



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

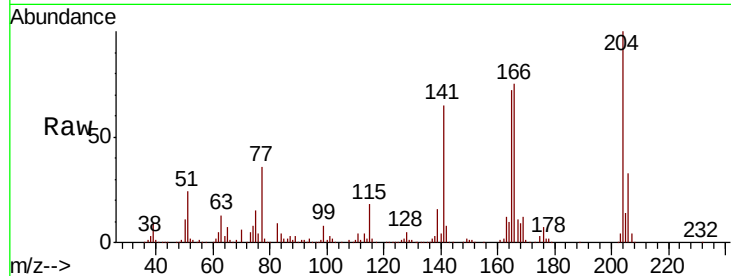




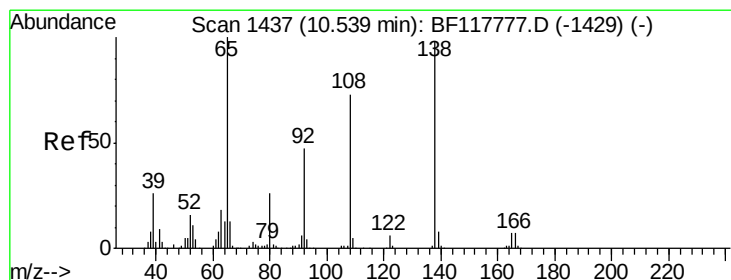
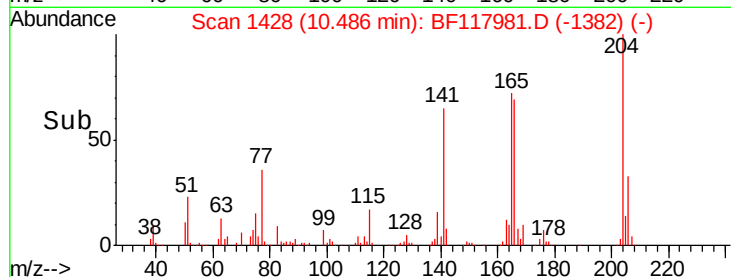
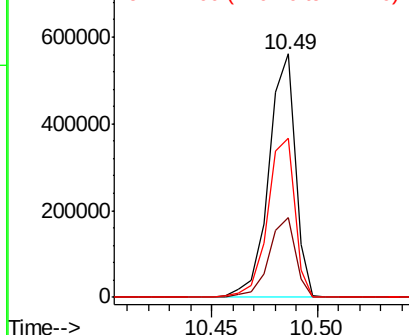
#61
4-Chlorophenyl-phenylether
Concen: 41.324 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 491914
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 65.4 50.7 76.1

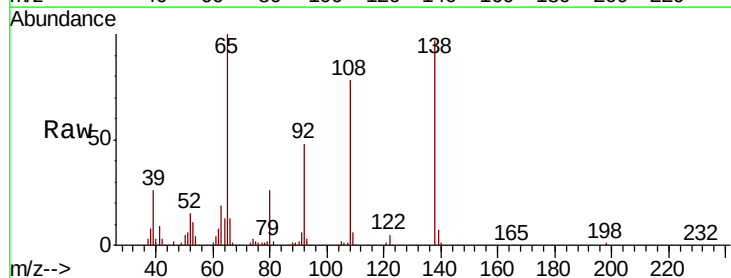


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

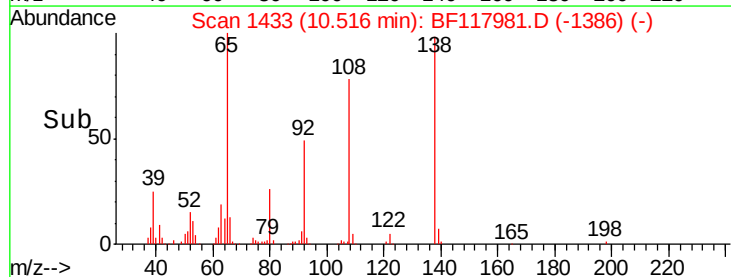
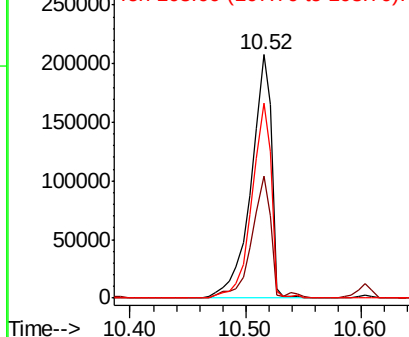


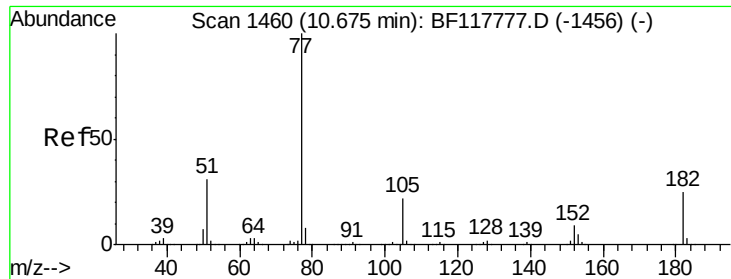
#62
4-Nitroaniline
Concen: 36.269 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:138 Resp: 255372
Ion Ratio Lower Upper
138 100
92 49.9 28.3 68.3
108 80.0 54.3 94.3



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: 41.504 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

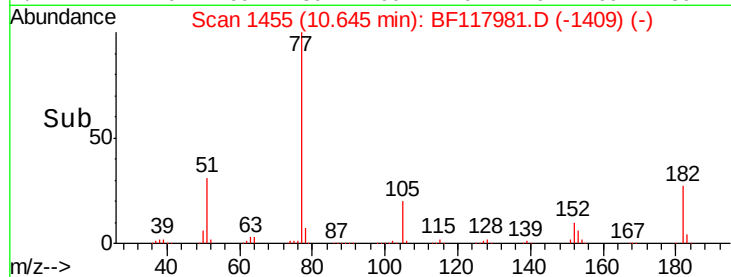
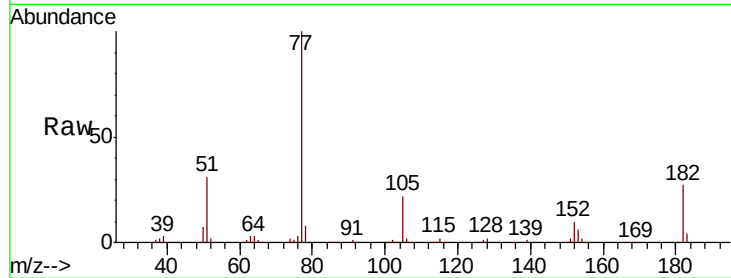
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 989921

Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.8	44.8
105	22.2	2.1	42.1
51	30.7	11.4	51.4

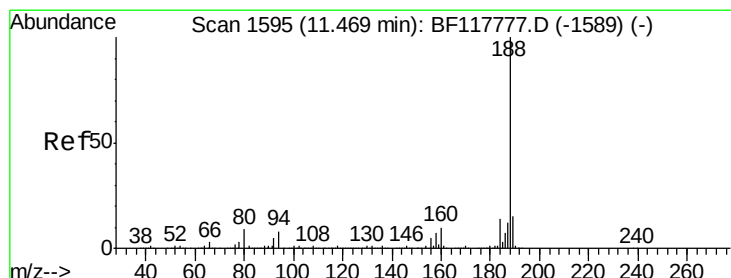


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

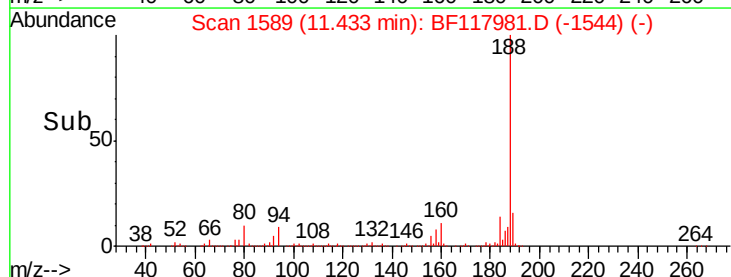
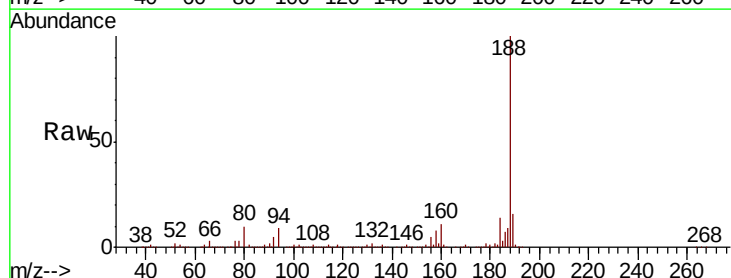
Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Tgt Ion: 188 Resp: 723978

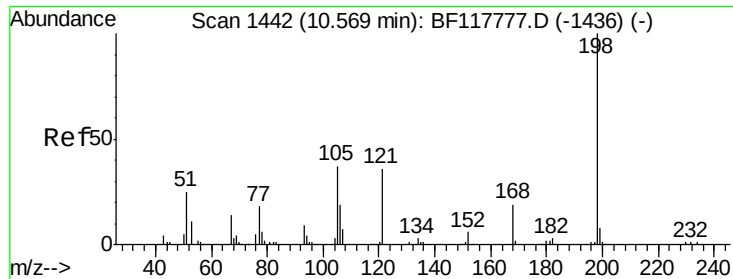
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.6	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 49.404 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

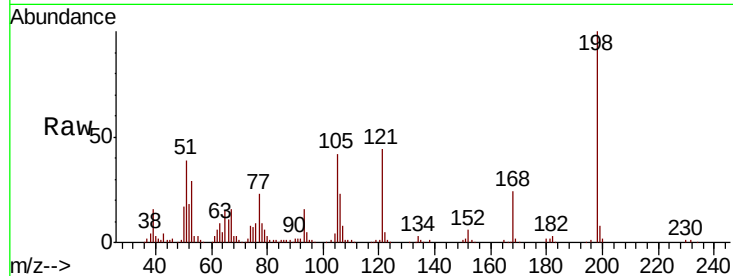
Tot Ion:198 Resp: 166975

Ion Ratio Lower Upper

198 100

51 39.2 16.0 56.0

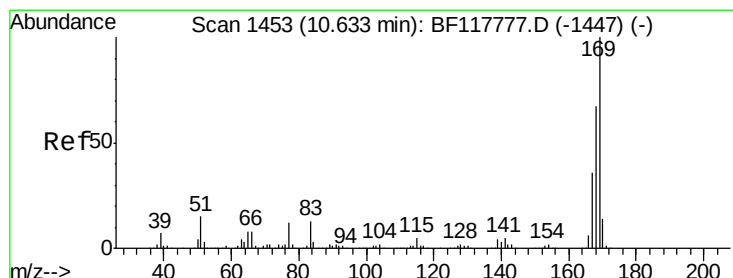
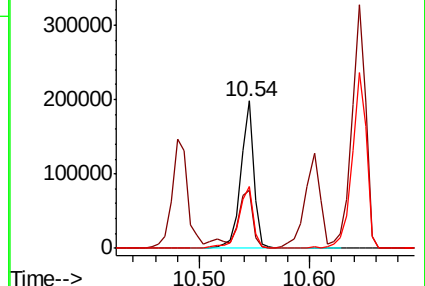
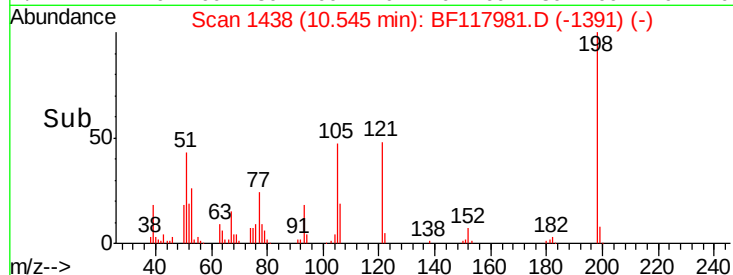
105 42.0 19.1 59.1



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: 42.618 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

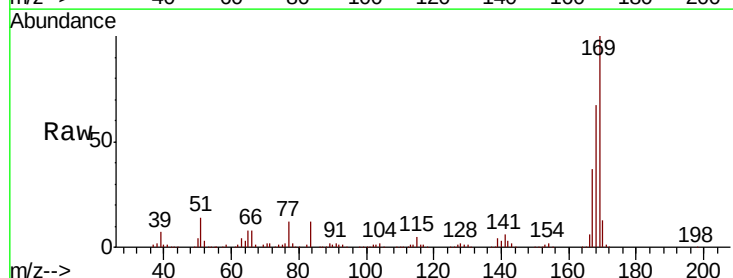
Tgt Ion:169 Resp: 897964

Ion Ratio Lower Upper

169 100

168 66.9 53.5 80.3

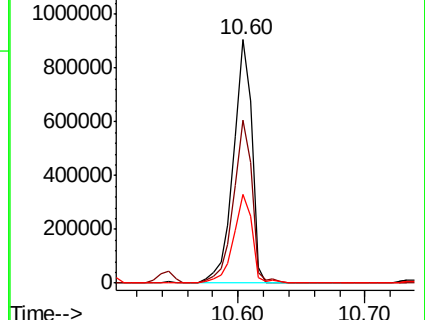
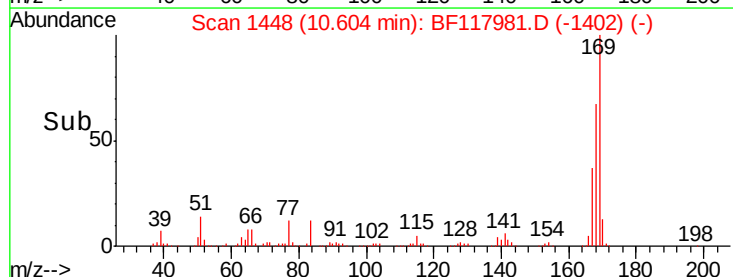
167 36.7 29.0 43.4

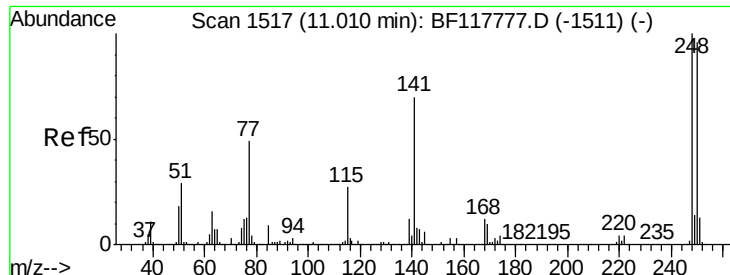


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

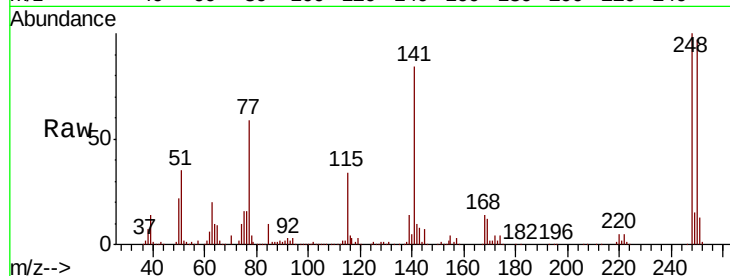




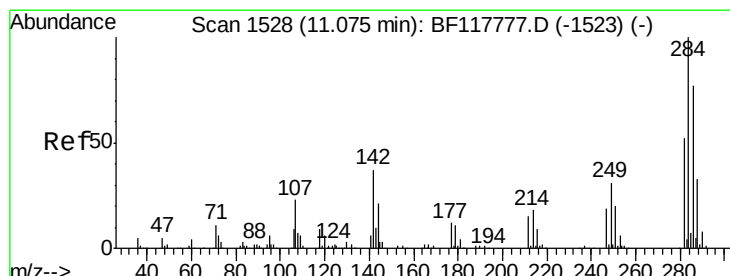
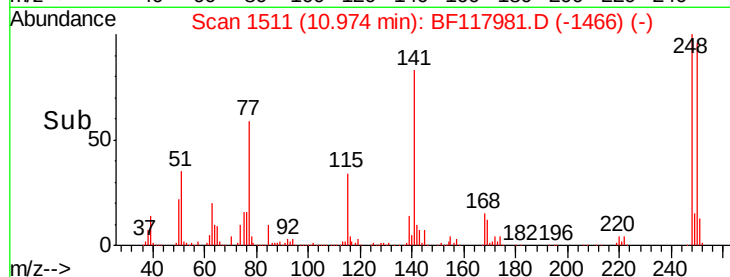
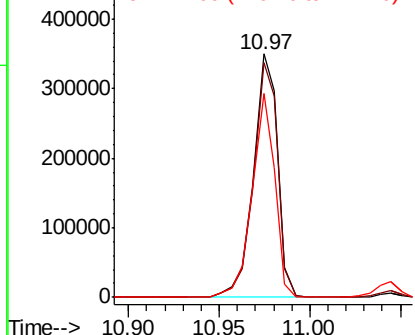
#67
4-Bromophenyl-phenylether
Concen: 41.287 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 322522
Ion Ratio Lower Upper
248 100
250 96.6 76.6 115.0
141 83.7 55.9 83.9

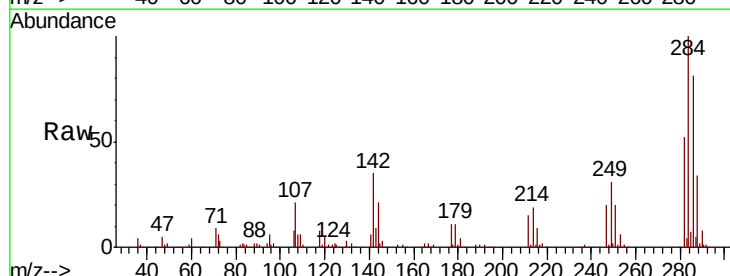


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

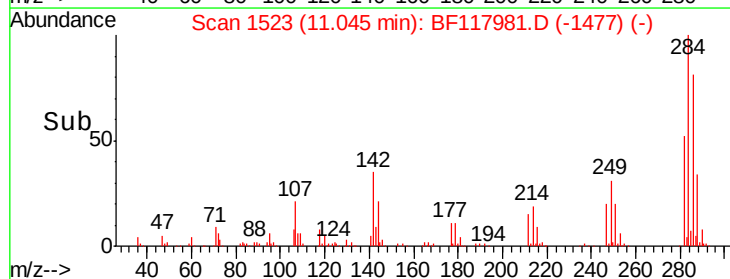
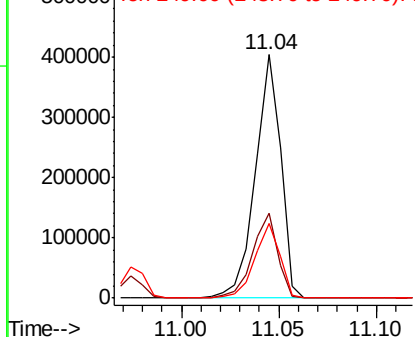


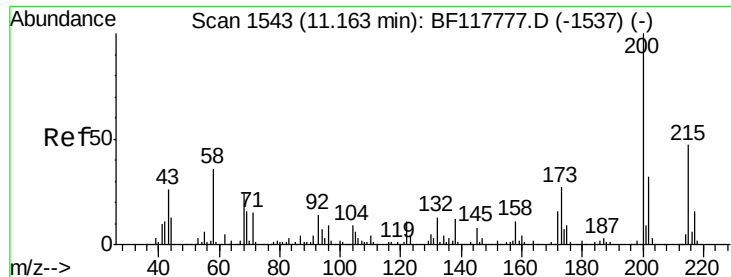
#68
Hexachlorobenzene
Concen: 39.961 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:284 Resp: 363997
Ion Ratio Lower Upper
284 100
142 34.9 29.4 44.2
249 30.6 24.6 37.0



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: 45.921 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

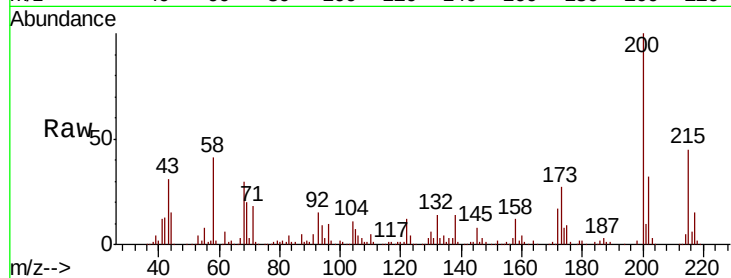
Tot Ion:200 Resp: 318274

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

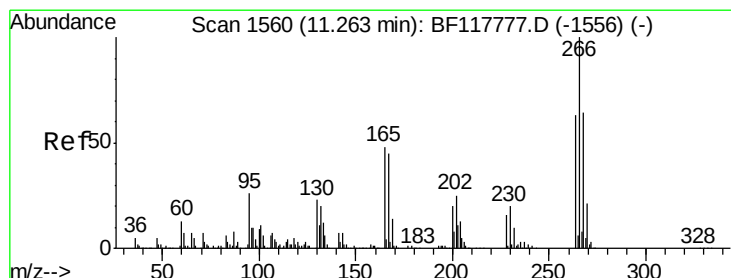
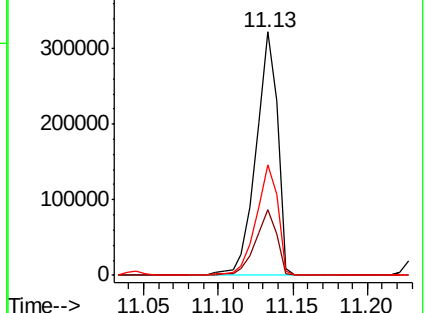
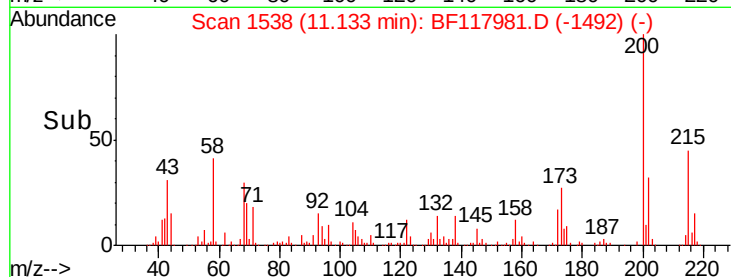
215 45.2 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.072 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

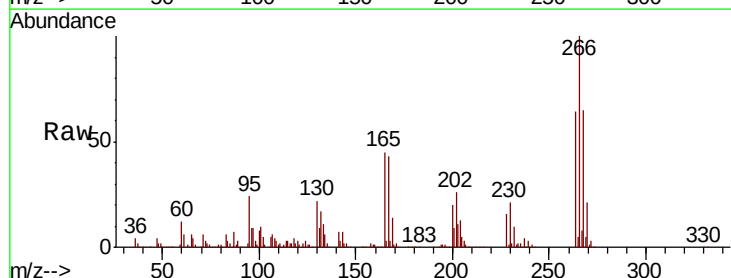
Tgt Ion:266 Resp: 404828

Ion Ratio Lower Upper

266 100

268 65.1 50.8 76.2

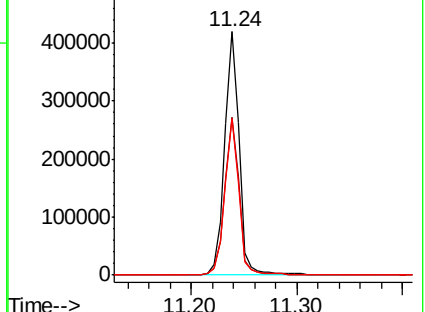
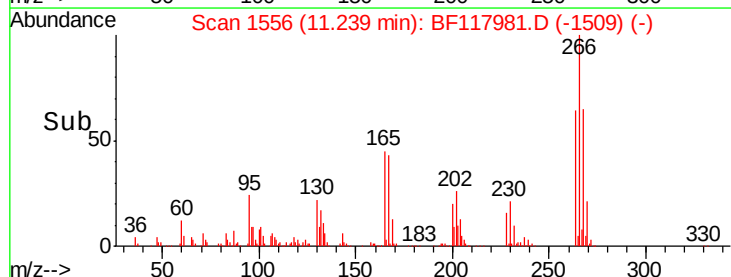
264 64.3 50.7 76.1

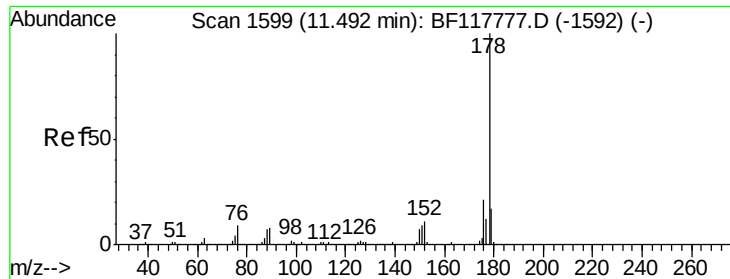


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

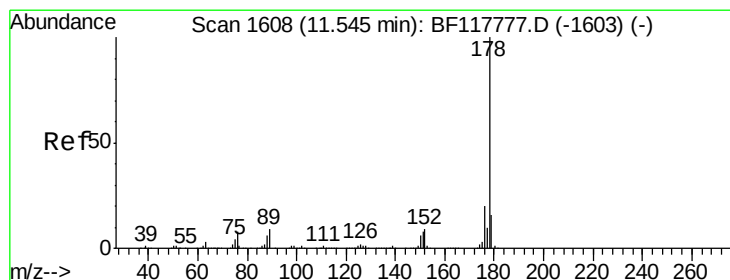
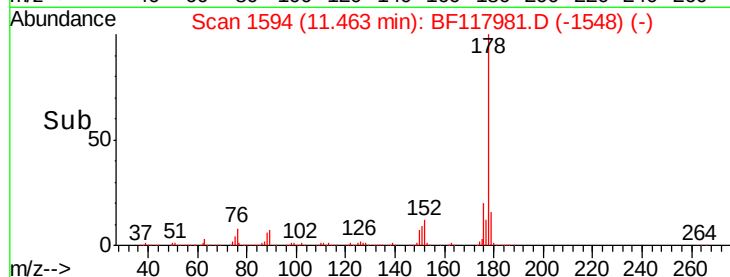
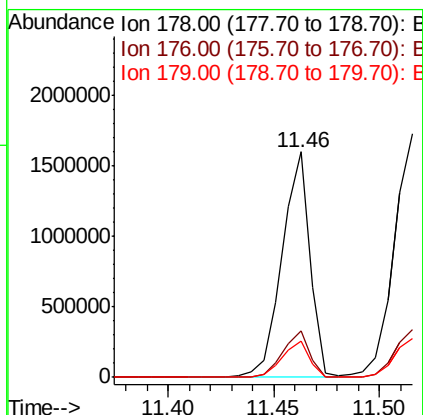
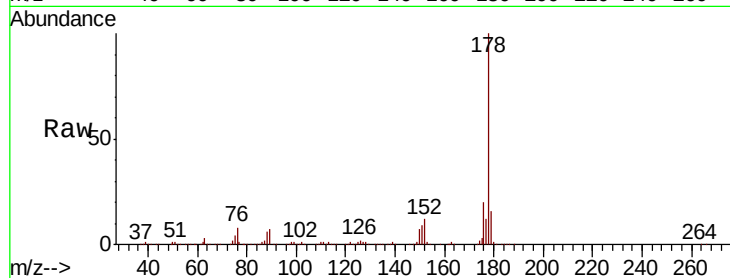




#71
Phenanthrene
Concen: 40.570 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

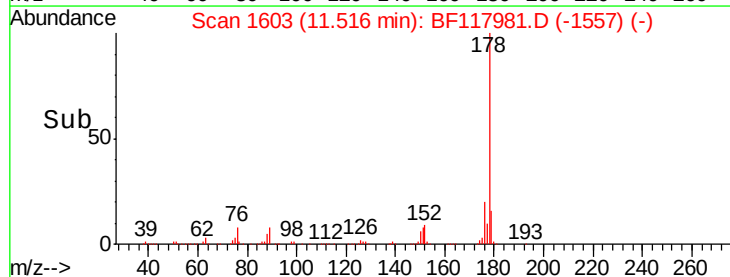
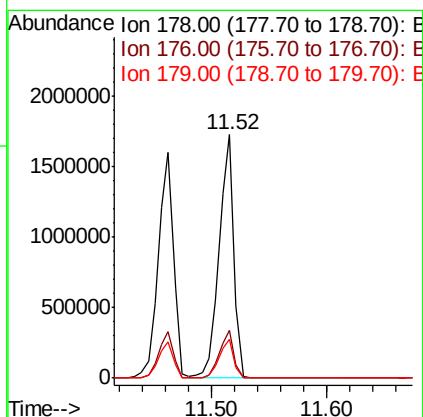
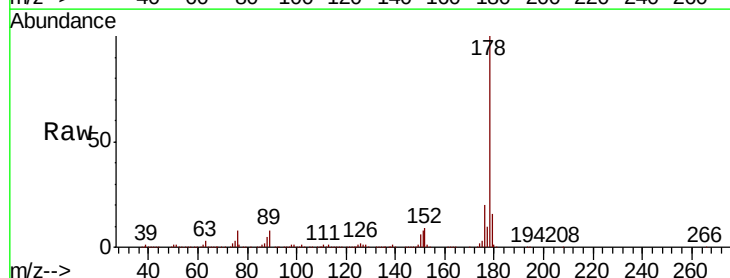
Instrument :
BNA_F
ClientSampleId :

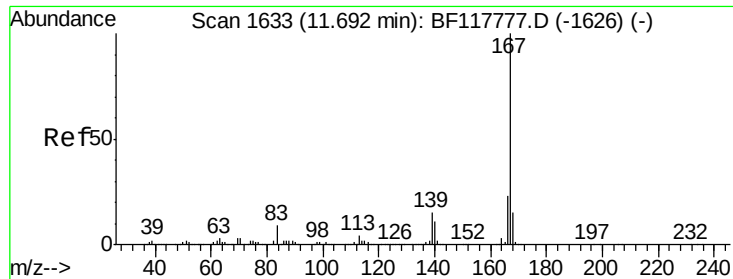
Tot Ion:178 Resp: 1476713
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.0 13.2 19.8



#72
Anthracene
Concen: 42.180 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:178 Resp: 1522247
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.0 13.0 19.4

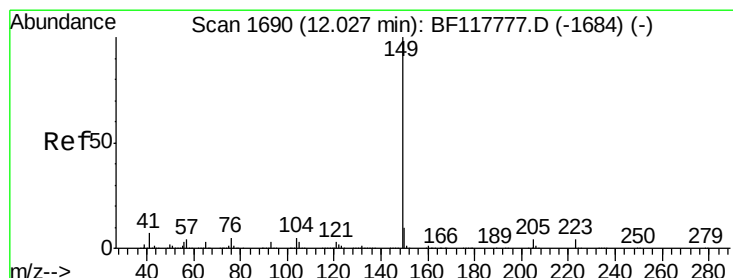
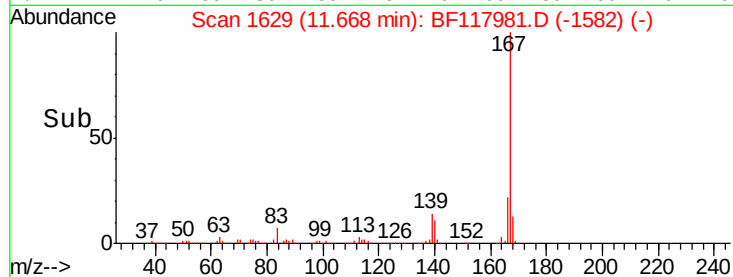
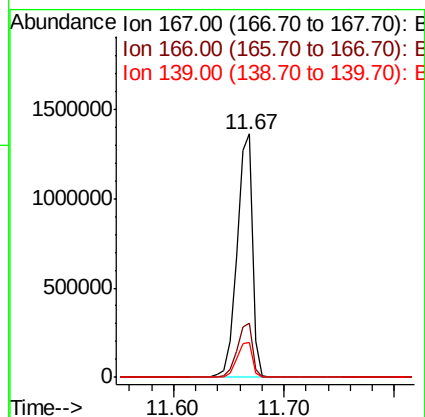
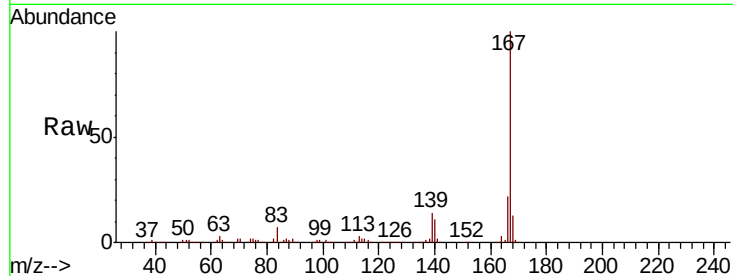




#73
 Carbazole
 Concen: 42.345 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

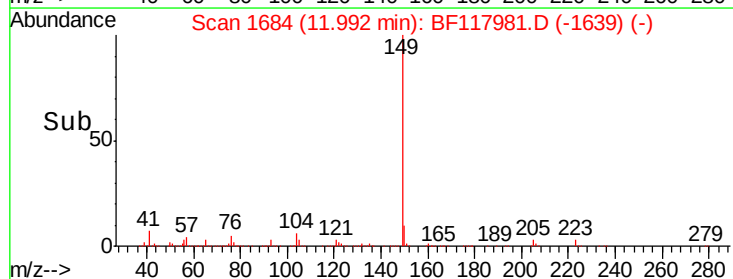
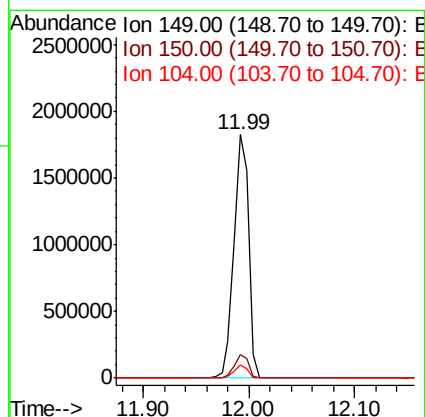
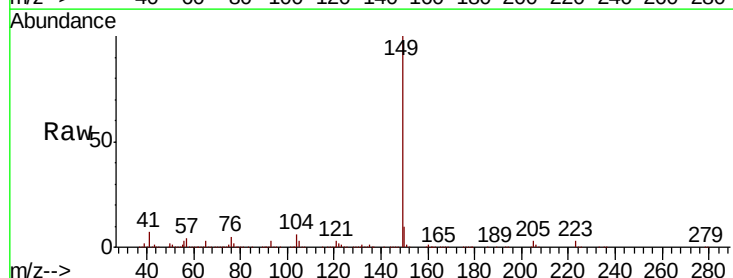
Instrument :
 BNA_F
 ClientSampleId :

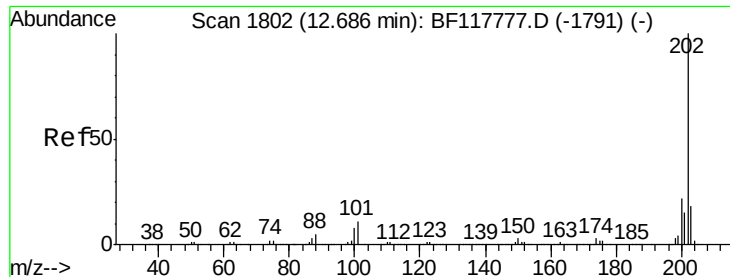
Tot Ion:167 Resp: 1335410
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.1 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 44.117 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. -0.04 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Tgt Ion:149 Resp: 1732277
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.5 4.2 6.4



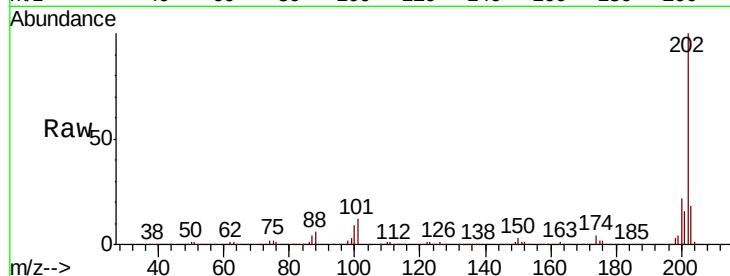


#75
 Fluoranthene
 Concen: 45.535 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.04 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

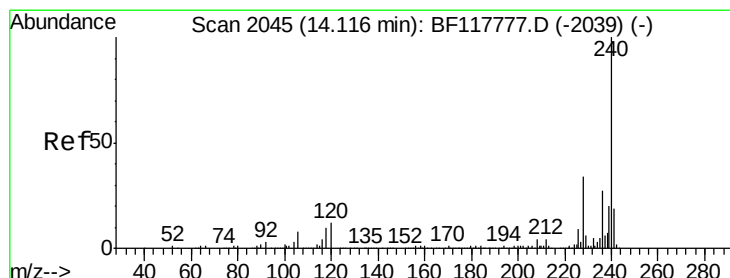
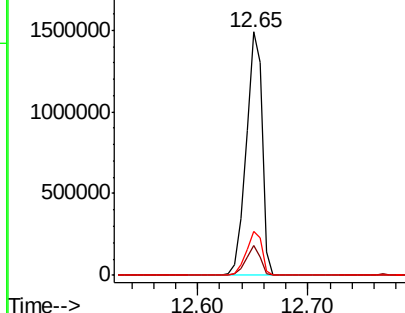
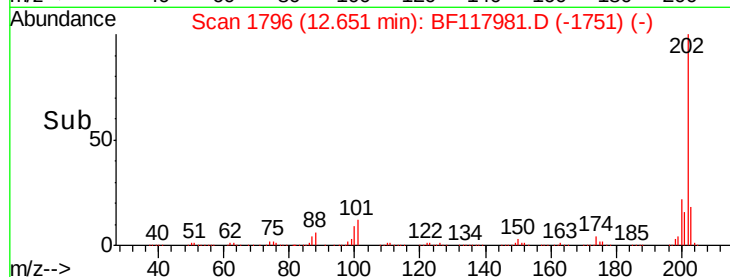
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1506337

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.1
203	18.3	0.0	38.2



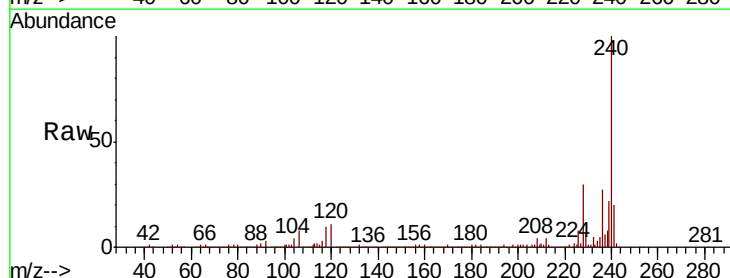
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



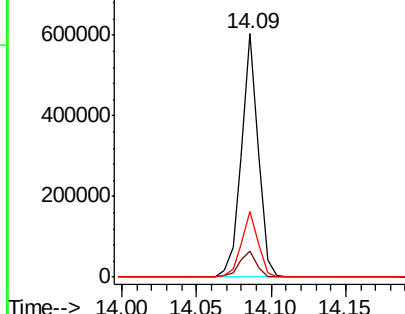
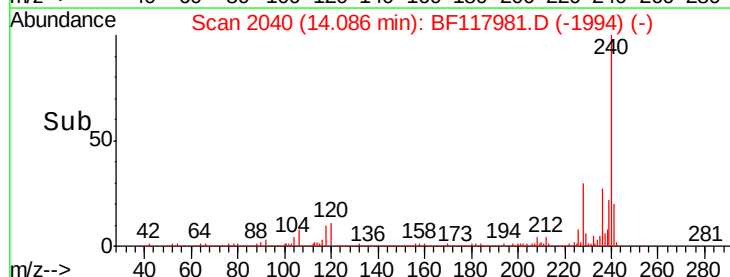
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

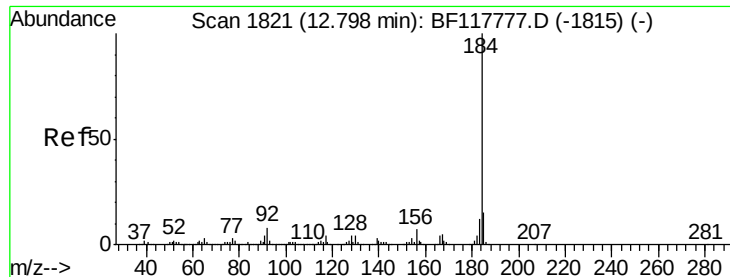
Tgt Ion:240 Resp: 473889

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.9	21.3	31.9



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: 45.377 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampled :

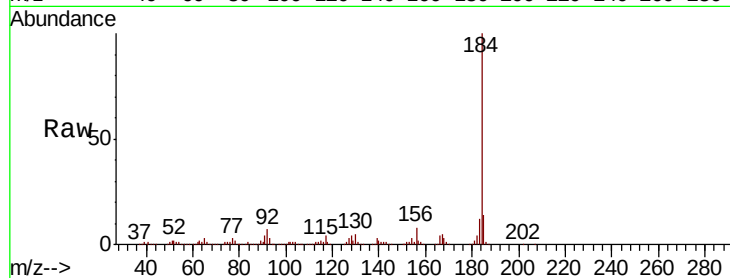
Tot Ion:184 Resp: 704367

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

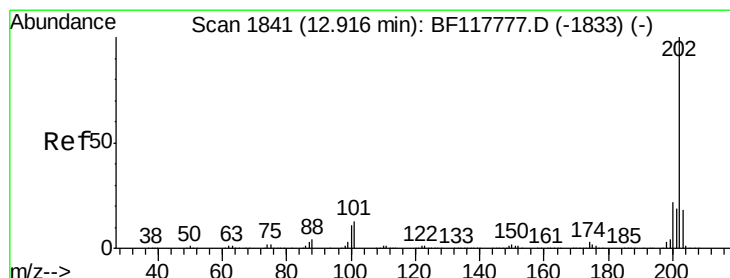
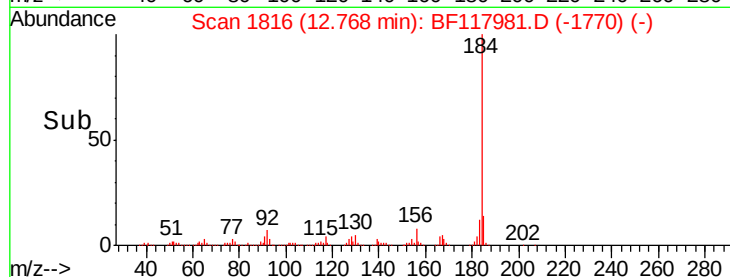
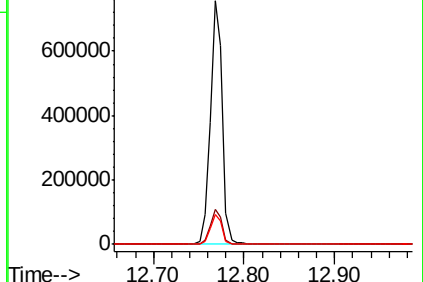
183 12.1 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.331 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.03 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

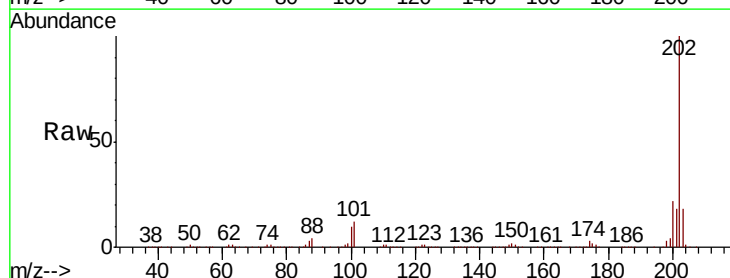
Tgt Ion:202 Resp: 1506287

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

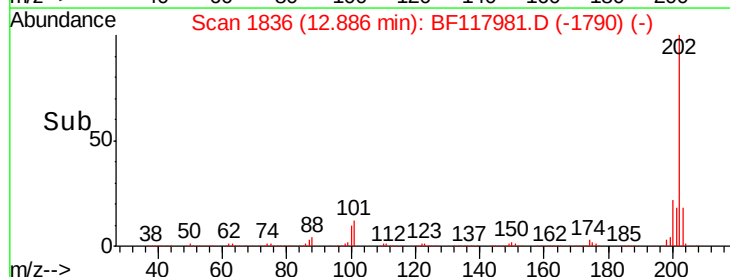
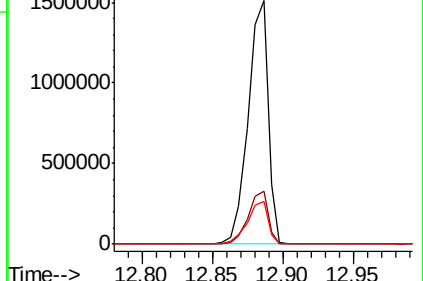
203 17.7 14.6 22.0

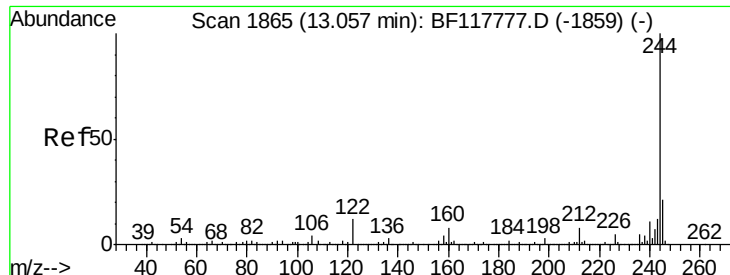


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



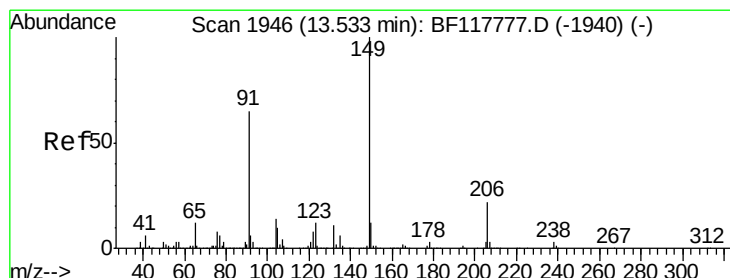
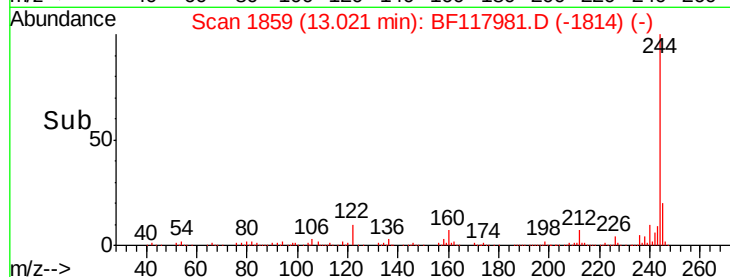
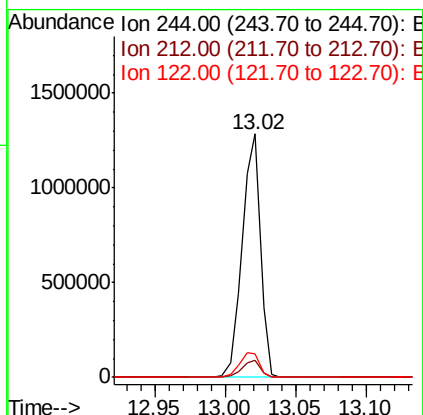
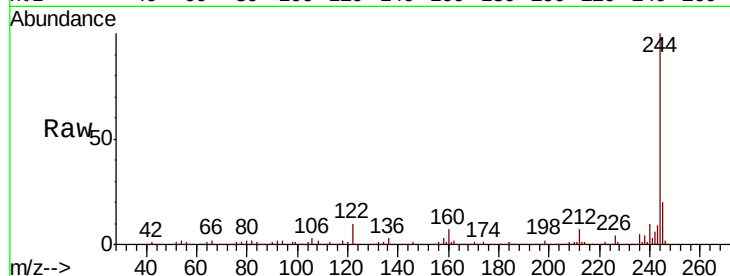


#79
 Terphenyl-d14
 Concen: 44.608 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.04 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1156660

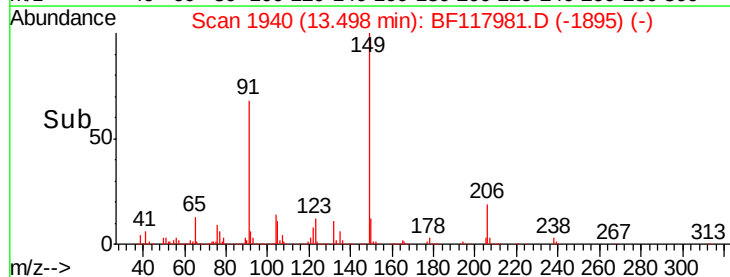
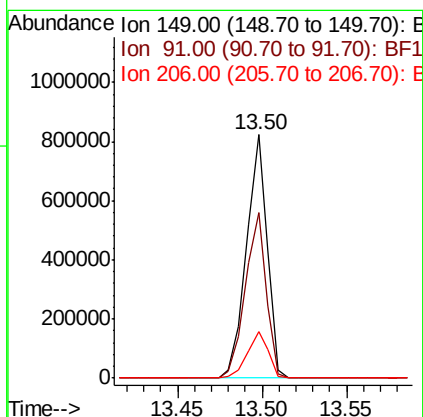
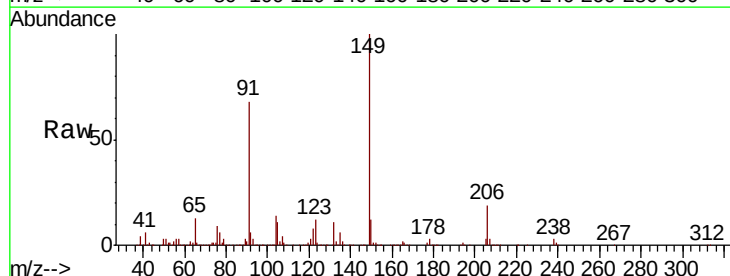
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	9.9	9.4	14.2

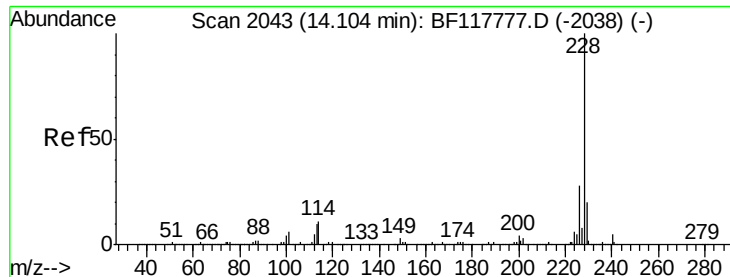


#80
 Butylbenzylphthalate
 Concen: 43.176 ng
 RT: 13.50 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: BF117981.D
 Acq: 25 Nov 2019 22:23

Tgt Ion:149 Resp: 710191

Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.9	77.9
206	19.3	17.2	25.8

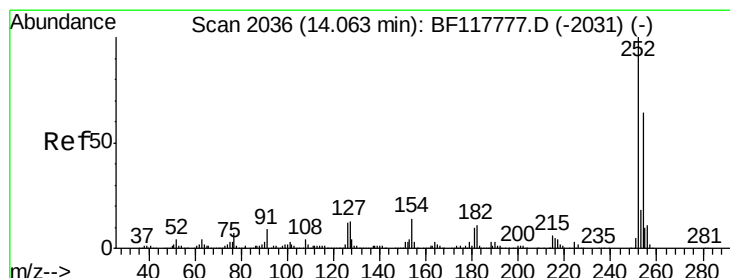
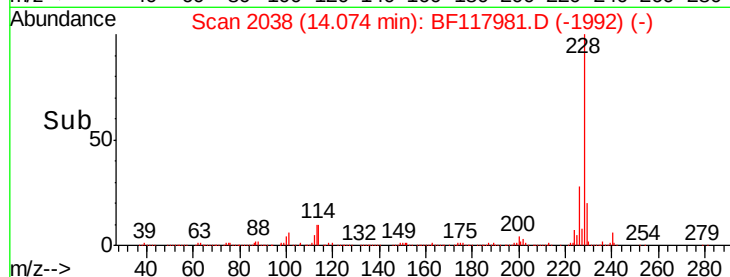
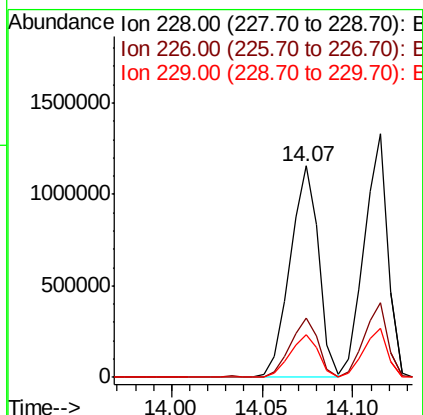
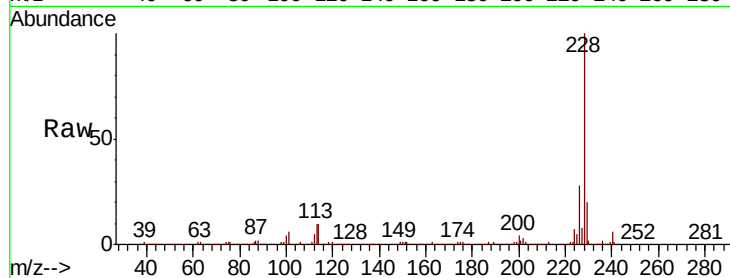




#81
Benzo(a)anthracene
Concen: 40.726 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

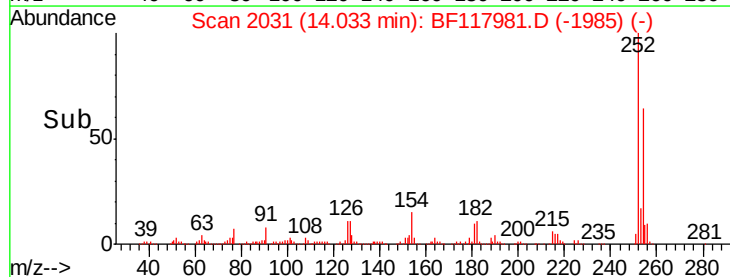
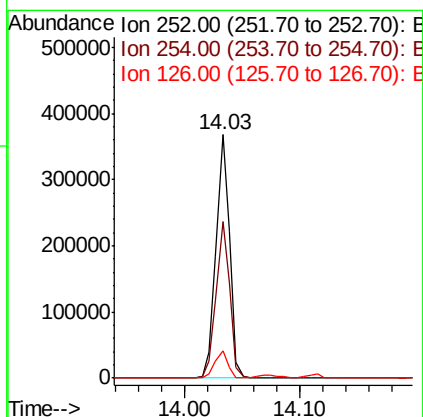
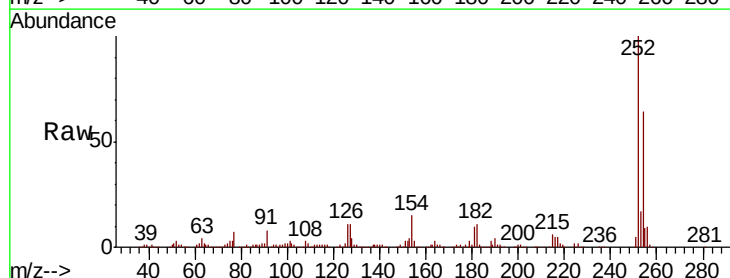
Instrument :
BNA_F
ClientSampleId :

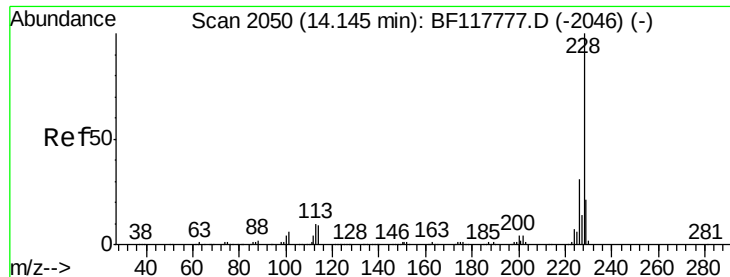
Tot Ion:228 Resp: 1275335
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 27.368 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:252 Resp: 299781
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 11.2 9.7 14.5

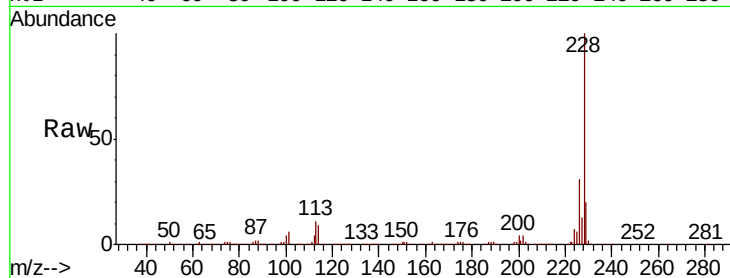




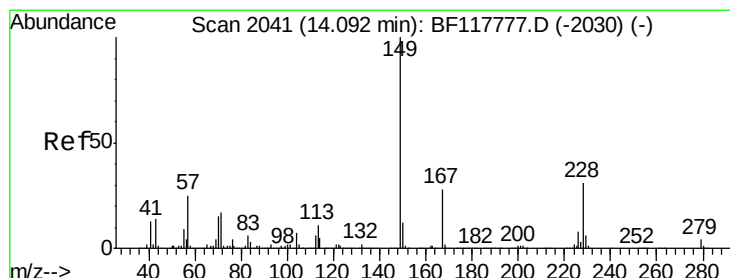
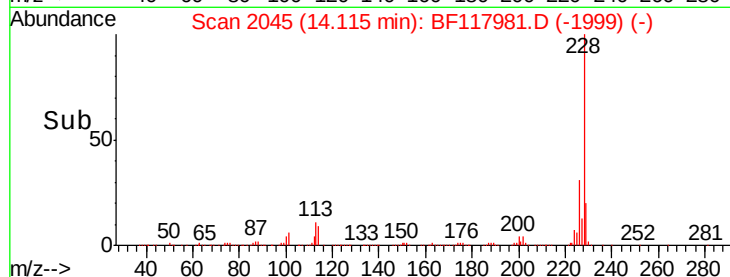
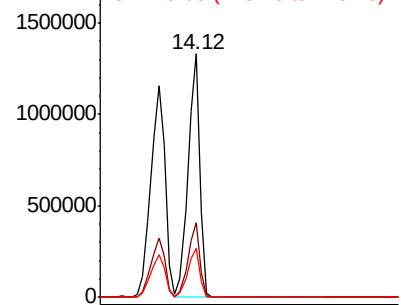
#83
Chrysene
Concen: 40.011 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.03 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1214128
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.4
229 20.2 16.6 25.0

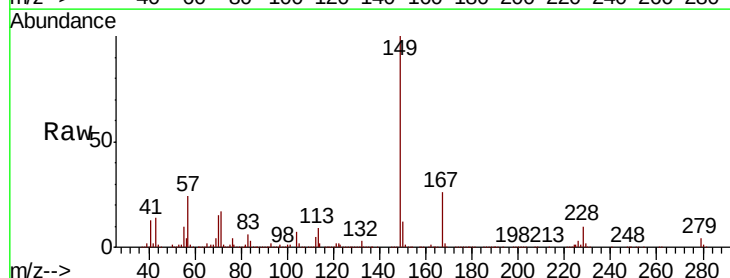


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

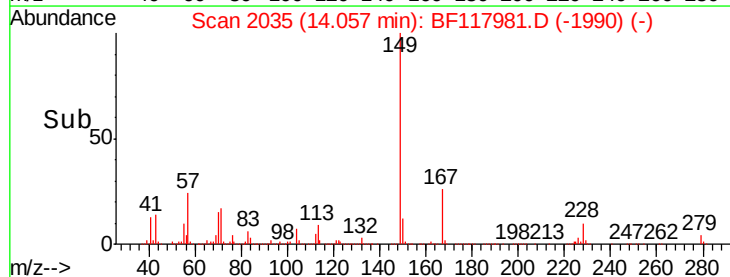
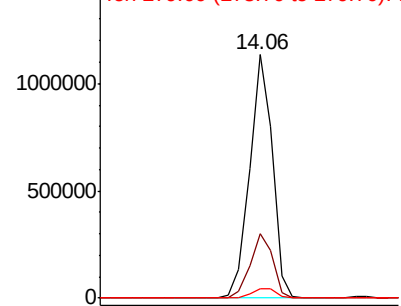


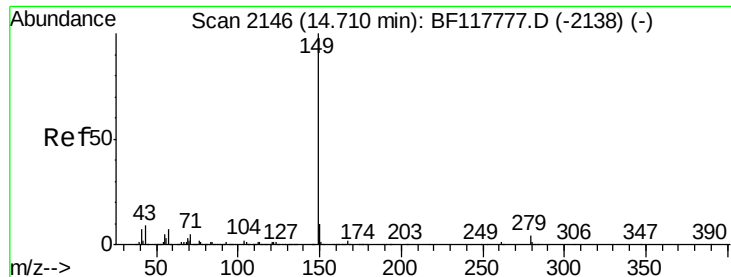
#84
Bis(2-ethylhexyl)phthalate
Concen: 49.695 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:149 Resp: 991004
Ion Ratio Lower Upper
149 100
167 26.4 22.2 33.2
279 4.0 3.4 5.2



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

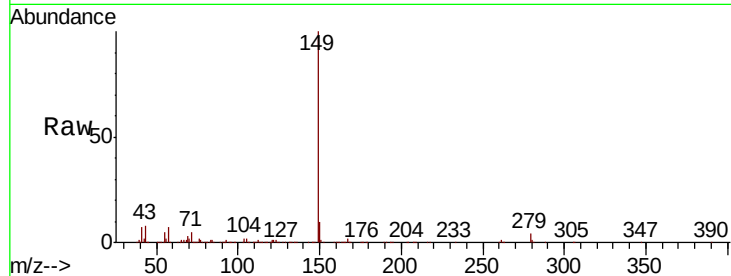




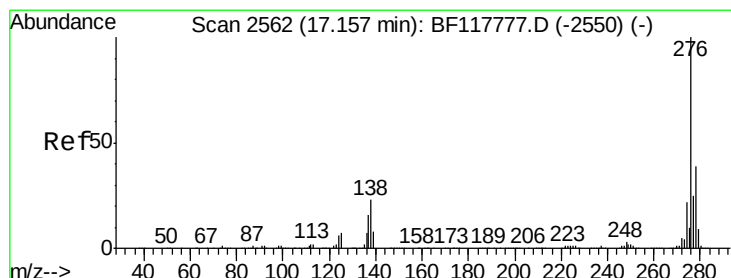
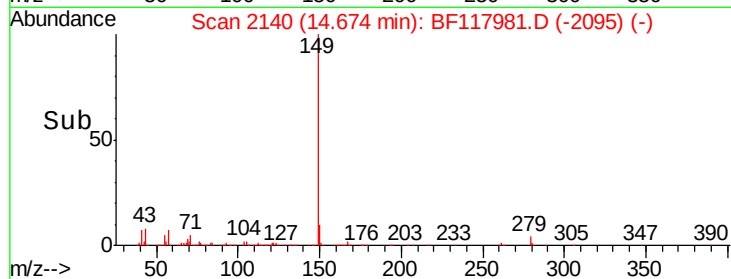
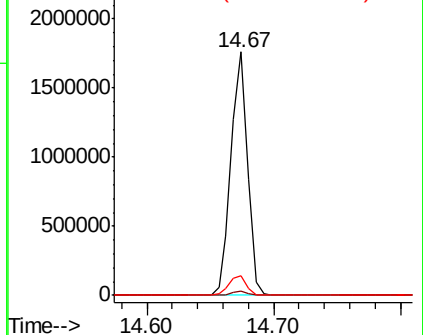
#85
Di-n-octyl phthalate
Concen: 54.052 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.04 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1583533
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 7.4 11.2

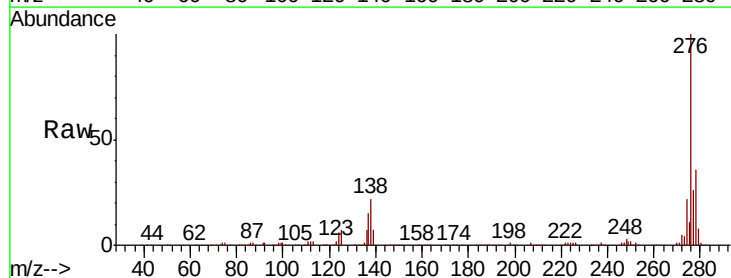


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

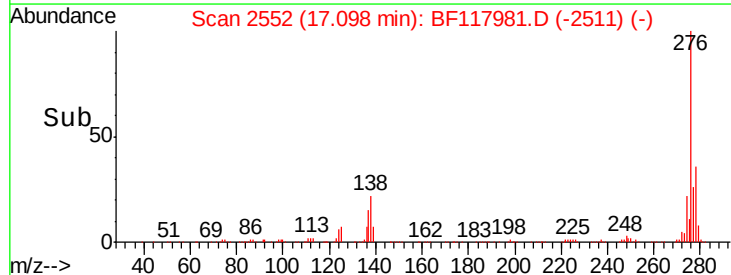
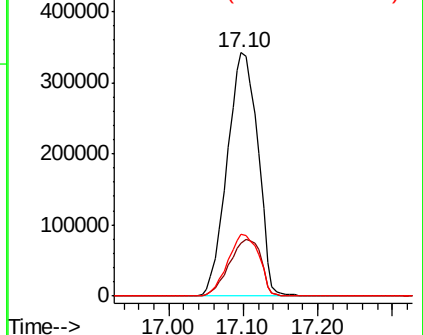


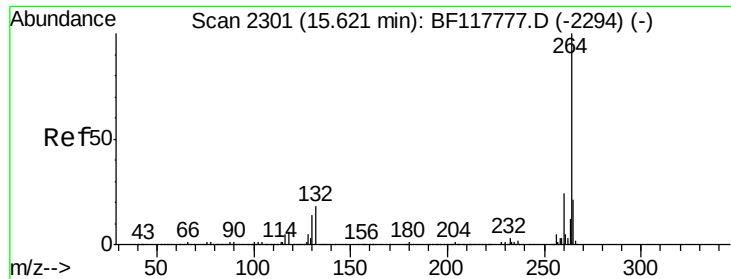
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.852 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.06 min
Lab File: BF117981.D
Acq: 25 Nov 2019 22:23

Tgt Ion:276 Resp: 977580
Ion Ratio Lower Upper
276 100
138 24.2 20.9 31.3
277 25.9 20.3 30.5



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: 15.58 min Scan# 2294

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

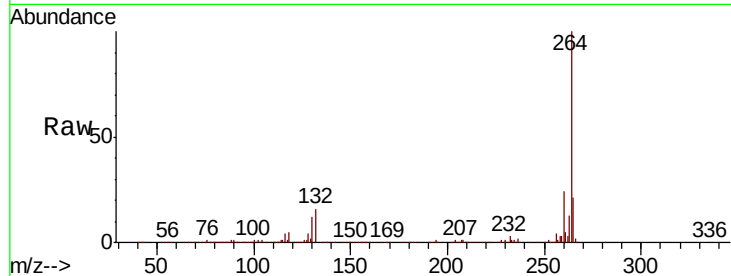
Tot Ion:264 Resp: 421241

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

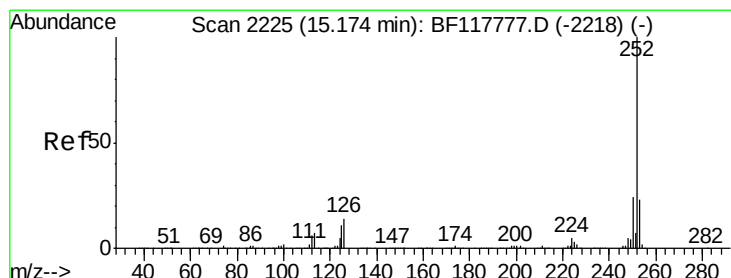
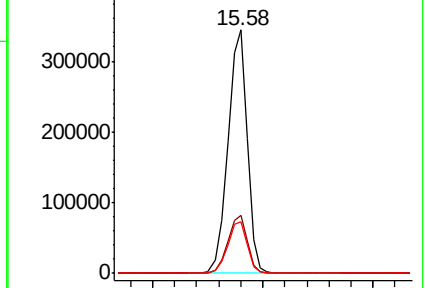
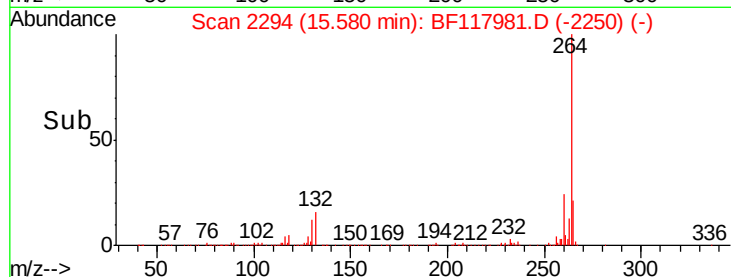
265 21.0 17.1 25.7



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: 39.335 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

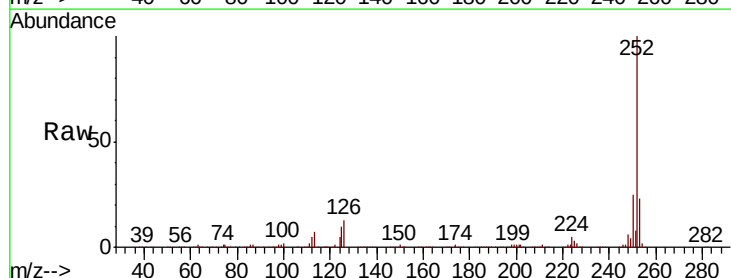
Tgt Ion:252 Resp: 1076537

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

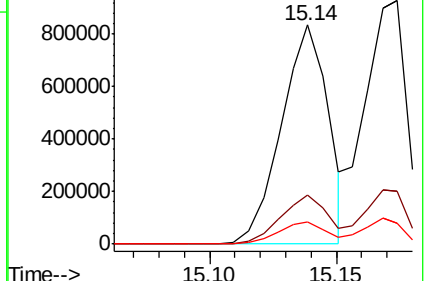
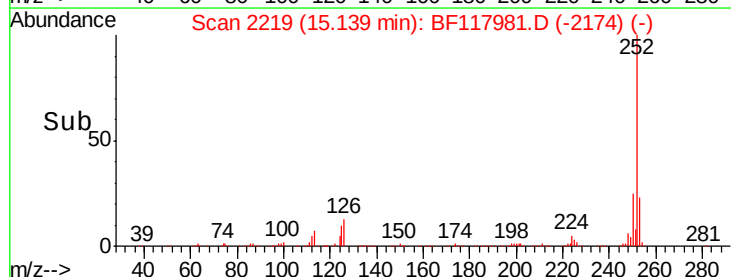
125 9.9 8.6 13.0

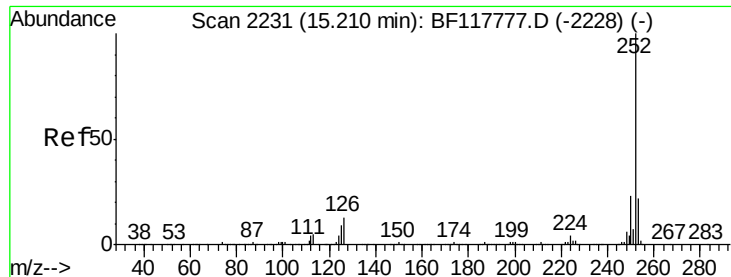


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.539 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

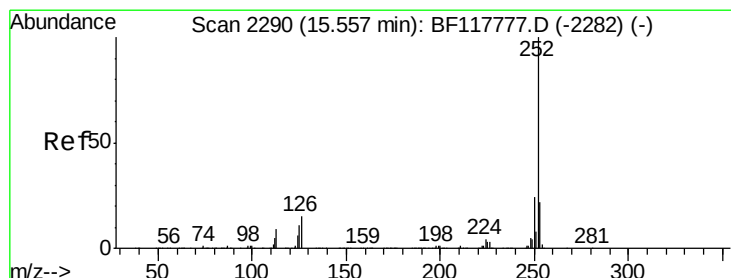
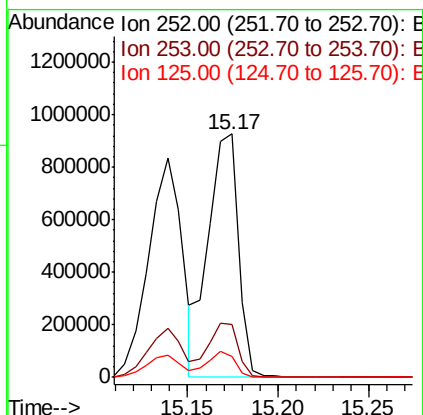
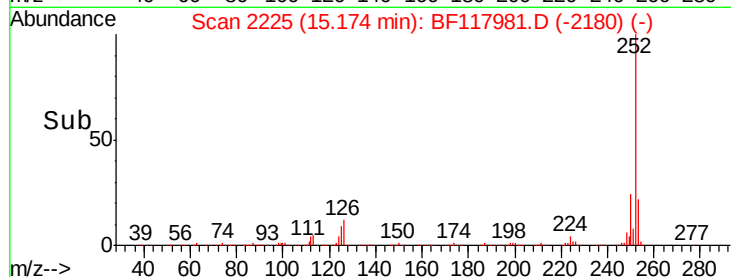
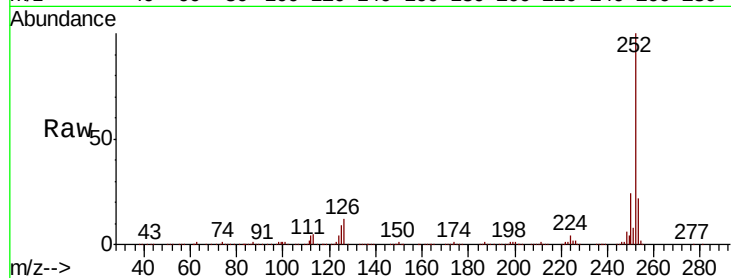
Tot Ion:252 Resp: 1071156

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 38.751 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.04 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

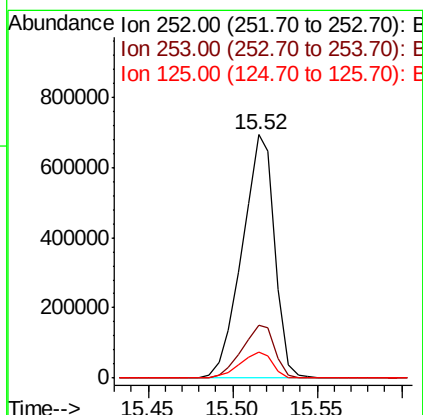
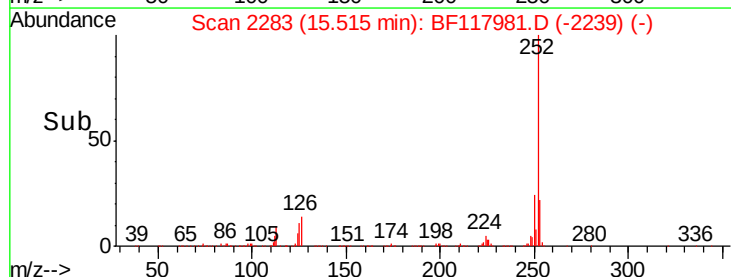
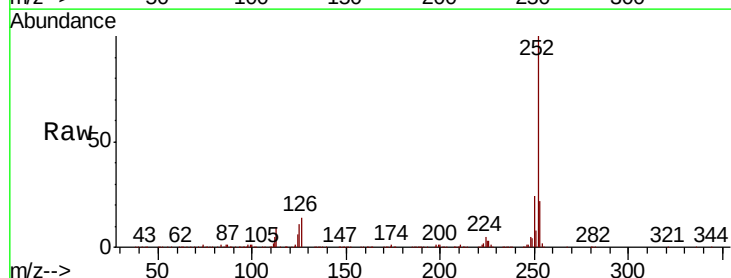
Tgt Ion:252 Resp: 932583

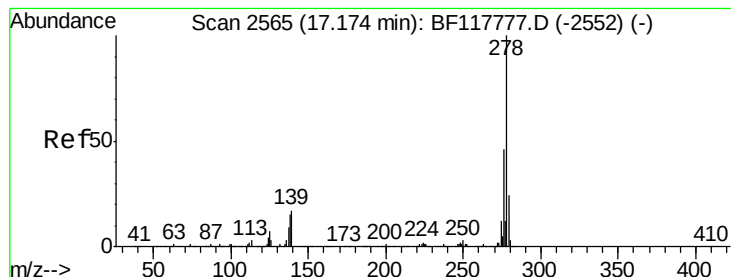
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.424 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.05 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

Instrument :

BNA_F

ClientSampleId :

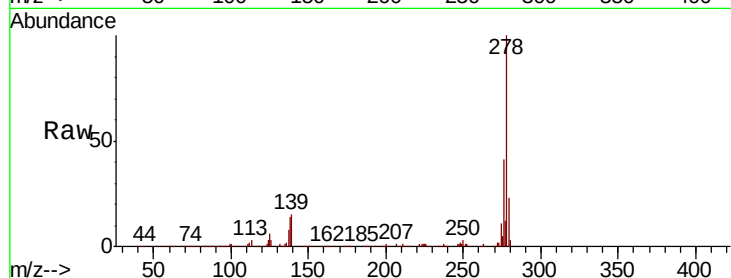
Tot Ion:278 Resp: 816628

Ion Ratio Lower Upper

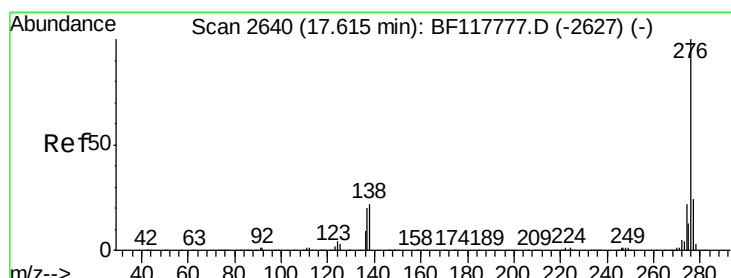
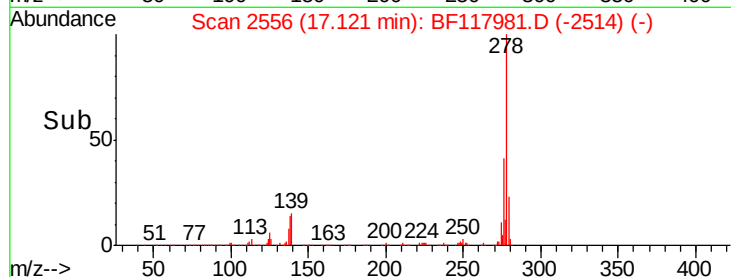
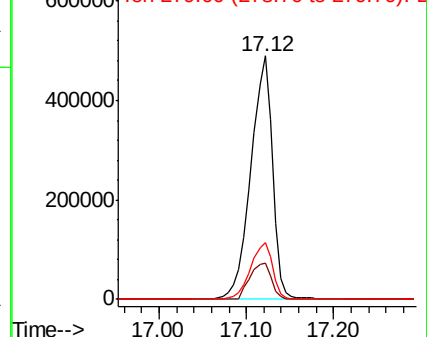
278 100

139 15.2 13.8 20.8

279 23.3 19.6 29.4



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: 38.246 ng

RT: 17.56 min Scan# 2631

Delta R.T. -0.05 min

Lab File: BF117981.D

Acq: 25 Nov 2019 22:23

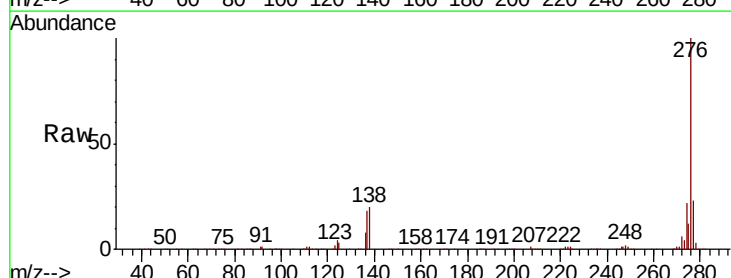
Tgt Ion:276 Resp: 789076

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 19.9 17.4 26.2



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

