

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117656.D
 Acq On : 31 Oct 2019 14:24
 Operator : JU
 Sample : PB124409BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 01:20:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37346	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152909	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79756	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	128636	20.00	ng	0.00
76) Chrysene-d12	13.90	240	84842	20.00	ng	0.00
87) Perylene-d12	15.34	264	76964	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	183659	73.16	ng	0.01
7) Phenol-d6	6.39	99	258942	76.80	ng	0.00
23) Nitrobenzene-d5	7.30	82	226926	73.26	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	47139	68.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	401121	70.86	ng	-0.01
79) Terphenyl-d14	12.83	244	395662	76.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	31781	30.112	ng	# 93
3) Pyridine	3.18	79	71003	27.481	ng	97
4) n-Nitrosodimethylamine	3.12	42	32406	34.573	ng	99
6) Aniline	6.39	93	98161	24.799	ng	# 75
8) 2-Chlorophenol	6.52	128	101604	38.357	ng	99
9) Benzaldehyde	6.28	77	57762	33.877	ng	98
10) Phenol	6.40	94	126470	36.752	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	91662	36.012	ng	99
12) 1,3-Dichlorobenzene	6.66	146	102378	34.634	ng	99
13) 1,4-Dichlorobenzene	6.75	146	105868	35.304	ng	96
14) 1,2-Dichlorobenzene	6.90	146	100600	35.590	ng	98
15) Benzyl Alcohol	6.89	79	92614	38.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	96081	34.992	ng	# 43
17) 2-Methylphenol	7.01	107	83514	38.325	ng	96
18) Hexachloroethane	7.23	117	38712	33.074	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	74816	36.334	ng	97
20) 3+4-Methylphenols	7.17	107	111818	39.138	ng	# 63
22) Acetophenone	7.14	105	149014	36.700	ng	# 94
24) Nitrobenzene	7.32	77	112859	38.043	ng	99
25) Isophorone	7.56	82	200249	37.373	ng	99
26) 2-Nitrophenol	7.63	139	52994	40.052	ng	93
27) 2,4-Dimethylphenol	7.68	122	88328	44.669	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	121230	36.667	ng	99
29) 2,4-Dichlorophenol	7.89	162	79807	38.479	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	79065	35.524	ng	95
31) Naphthalene	8.03	128	293222	38.688	ng	99
32) Benzoic acid	7.85	122	38582	28.487	ng	95
33) 4-Chloroaniline	8.10	127	59294	18.537	ng	98
34) Hexachlorobutadiene	8.15	225	43016	33.391	ng	98
35) Caprolactam	8.47	113	18724	28.103	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	95433	40.346	ng	97
37) 2-Methylnaphthalene	8.72	142	197855	38.741	ng	98
38) 1-Methylnaphthalene	8.82	142	186938	38.954	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	73672	34.296	ng	99

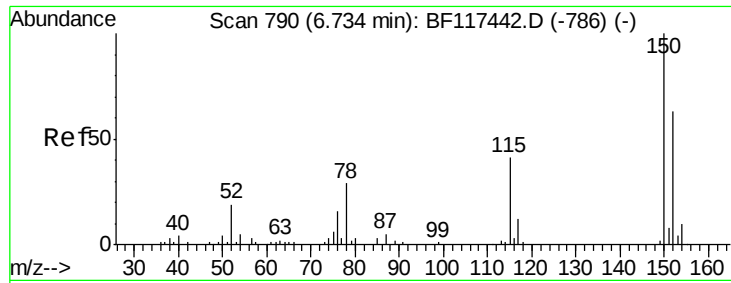
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117656.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	18340	42.800	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	46941	34.894	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	51933	38.098	nq	93
46) 1,1'-Biphenyl	9.19	154	231954	35.130	nq	98
47) 2-Chloronaphthalene	9.21	162	179107	35.977	nq	99
48) 2-Nitroaniline	9.32	65	63009	38.554	nq	89
49) Acenaphthylene	9.63	152	287260	39.284	nq	99
50) Dimethylphthalate	9.49	163	205271	36.103	nq	99
51) 2,6-Dinitrotoluene	9.56	165	46575	39.255	nq	95
52) Acenaphthene	9.80	154	168861	37.639	nq	100
53) 3-Nitroaniline	9.74	138	31529	21.902	nq	100
54) 2,4-Dinitrophenol	9.87	184	34255	70.363	nq	93
55) Dibenzofuran	9.97	168	253757	39.041	nq	97
56) 4-Nitrophenol	9.97	139	137861	201.431	nq	# 13
57) 2,4-Dinitrotoluene	9.98	165	64230	40.718	nq	# 84
58) Fluorene	10.32	166	208357	38.763	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	38053	35.518	nq	# 94
60) Diethylphthalate	10.19	149	208945	36.332	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	88832	36.836	nq	97
62) 4-Nitroaniline	10.36	138	47694	35.149	nq	99
63) Azobenzene	10.46	77	227354	38.619	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	22927	35.056	nq	98
66) n-Nitrosodiphenylamine	10.42	169	182333	38.772	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	49393	35.648	nq	95
68) Hexachlorobenzene	10.87	284	52335	35.269	nq	94
69) Atrazine	10.96	200	55153	46.096	nq	98
70) Pentachlorophenol	11.09	266	14863	33.413	nq	# 88
71) Phenanthrene	11.27	178	295196	39.521	nq	98
72) Anthracene	11.33	178	311480	40.642	nq	99
73) Carbazole	11.49	167	282039	40.268	nq	99
74) Di-n-butylphthalate	11.80	149	333463	35.632	nq	99
75) Fluoranthene	12.47	202	292837	39.163	nq	99
77) Benzdine	12.59	184	114460	51.753	nq	97
78) Pyrene	12.70	202	298350	40.940	nq	99
80) Butylbenzylphthalate	13.30	149	139009	38.332	nq	92
81) Benzo(a)anthracene	13.89	228	225985	39.488	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	48515	27.016	nq	96
83) Chrysene	13.93	228	215963	38.504	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	186800	36.772	nq	# 95
85) Di-n-octyl phthalate	14.47	149	291539	37.327	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	180203	43.033	nq	97
88) Benzo(b)fluoranthene	14.93	252	181525	39.941	nq	98
89) Benzo(k)fluoranthene	14.95	252	169391	36.364	nq	99
90) Benzo(a)pyrene	15.28	252	159928	38.703	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	151795	42.484	nq	98
92) Benzo(g,h,i)perylene	17.19	276	151175	44.717	nq	97

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

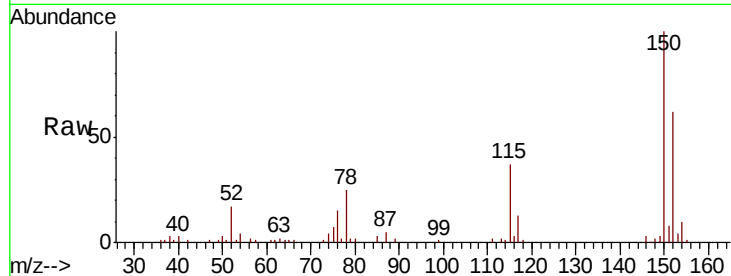


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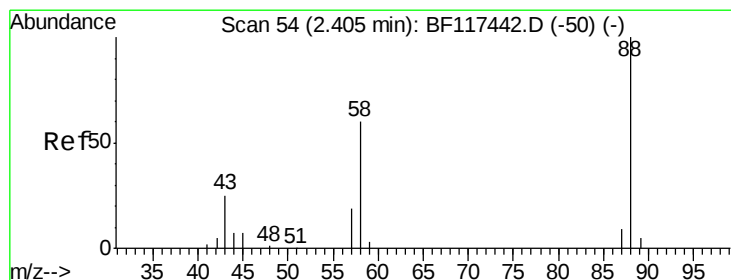
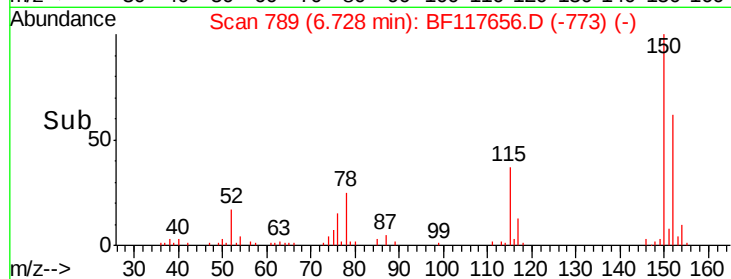
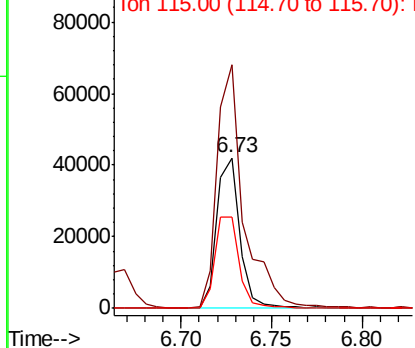
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37346
Ion Ratio Lower Upper
152 100
150 161.9 126.8 190.2
115 60.5 51.6 77.4



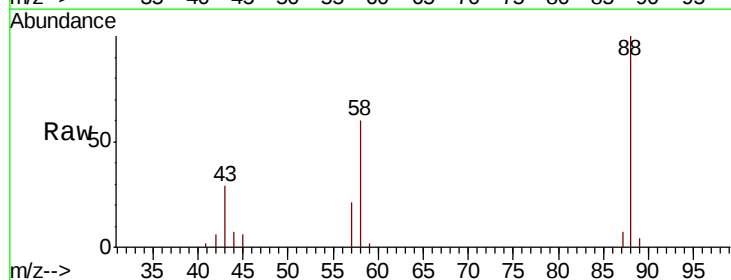
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



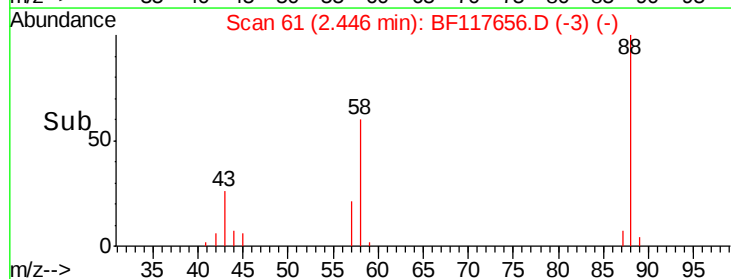
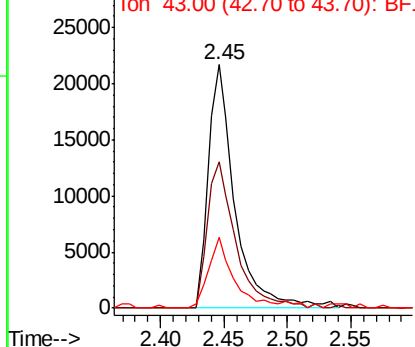
#2

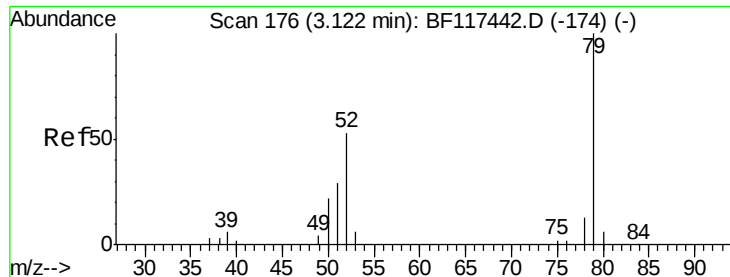
1,4-Dioxane
Concen: 30.112 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 88 Resp: 31781
Ion Ratio Lower Upper
88 100
58 64.4 48.8 73.2
43 29.6 18.5 27.7#



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





#3

Pvridine

Concen: 27.481 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.05 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampled :

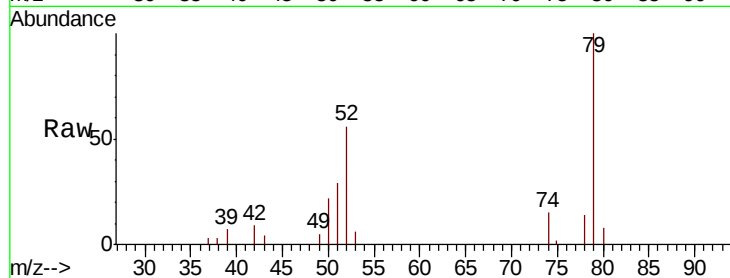
Tot Ion: 79 Resp: 71003

Ion Ratio Lower Upper

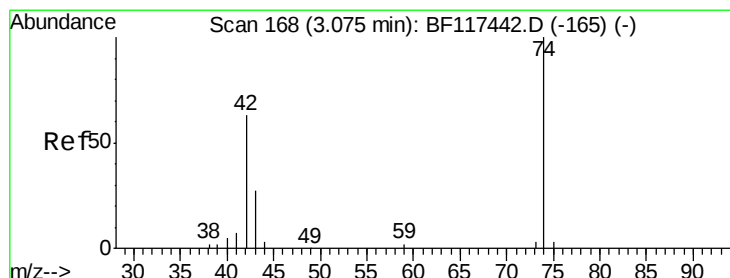
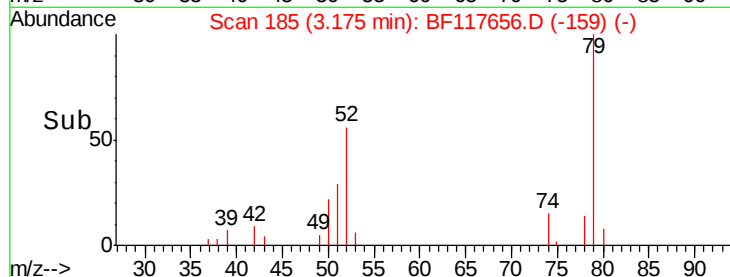
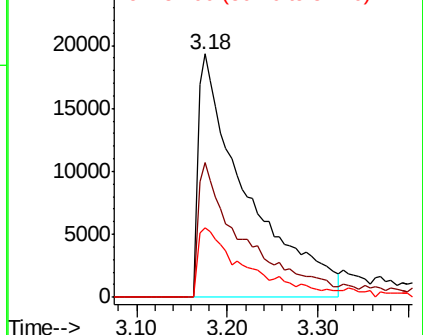
79 100

52 55.5 42.4 63.6

51 28.8 23.3 34.9



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



#4

n-Nitrosodimethylamine

Concen: 34.573 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.04 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

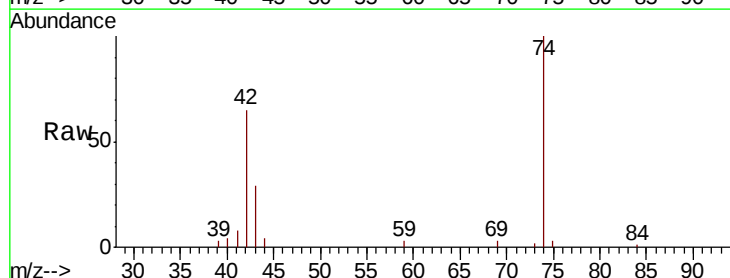
Tgt Ion: 42 Resp: 32406

Ion Ratio Lower Upper

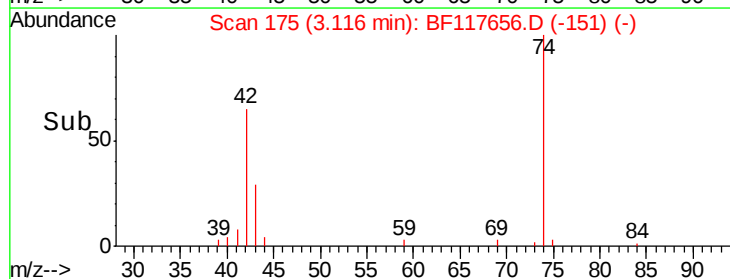
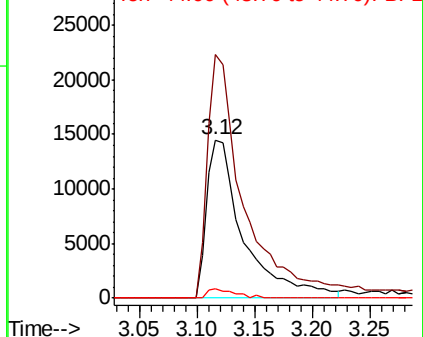
42 100

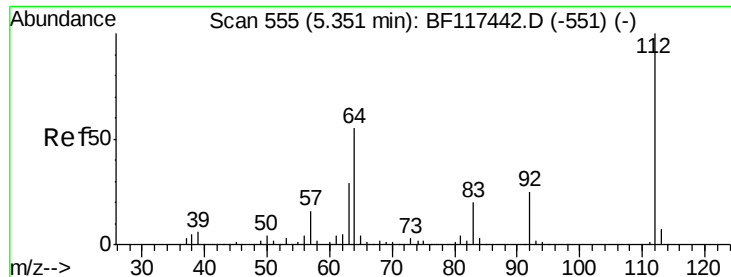
74 154.1 124.2 186.4

44 5.6 4.2 6.4



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





#5

2-Fluorophenol

Concen: 73.162 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampled :

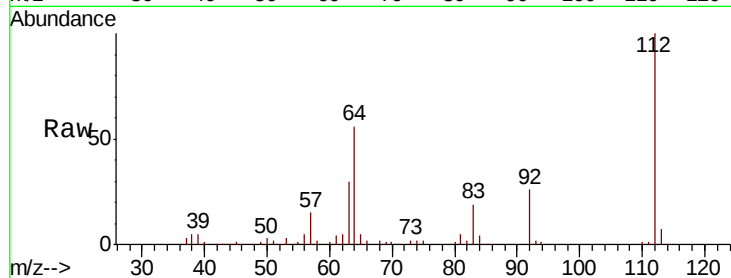
Tot Ion: 112 Resp: 183659

Ion Ratio Lower Upper

112 100

64 56.5 44.1 66.1

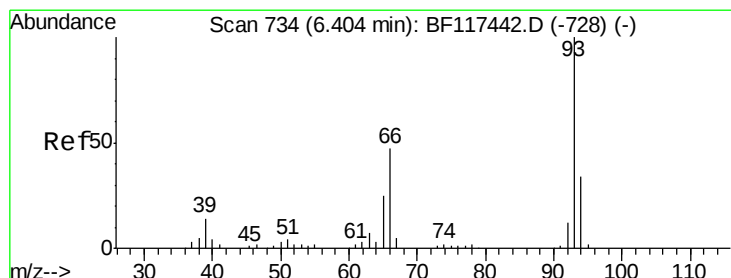
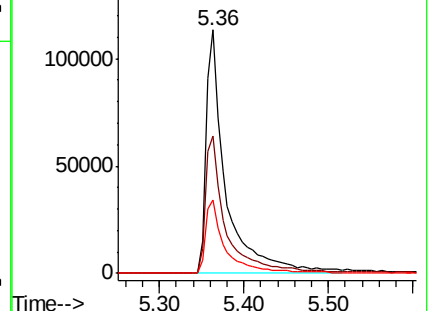
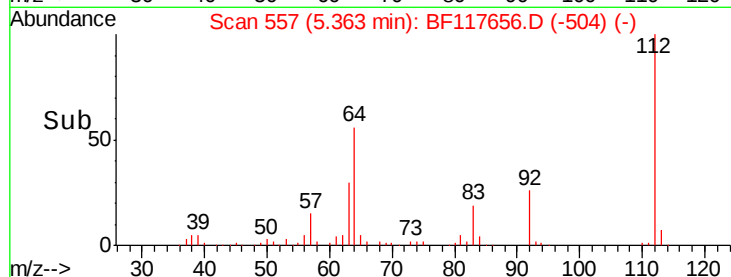
63 30.4 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.799 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

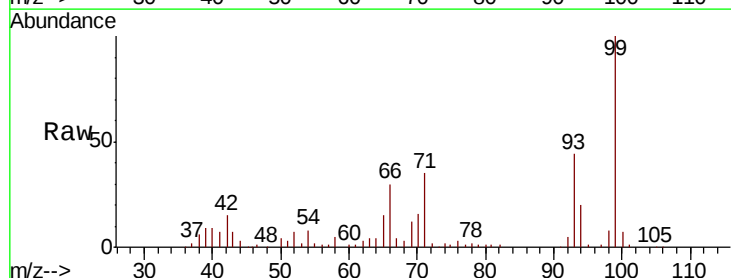
Tgt Ion: 93 Resp: 98161

Ion Ratio Lower Upper

93 100

66 67.6 38.7 58.1#

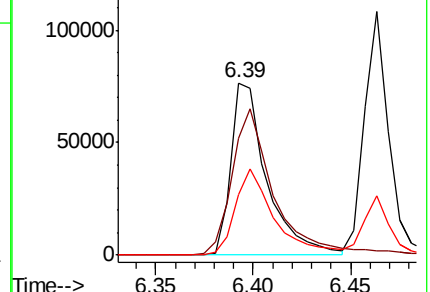
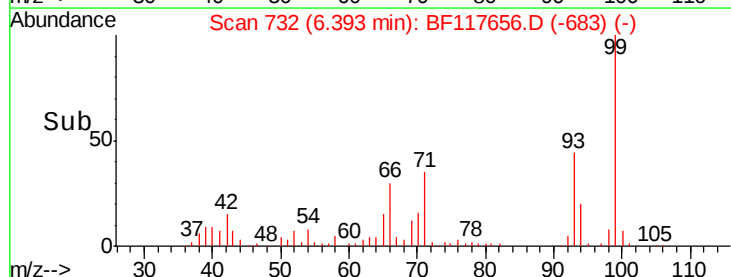
65 34.8 20.1 30.1#

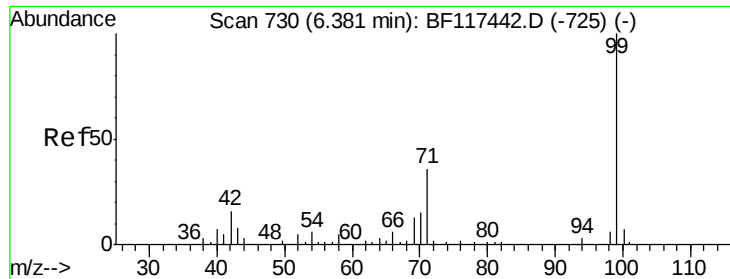


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.800 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

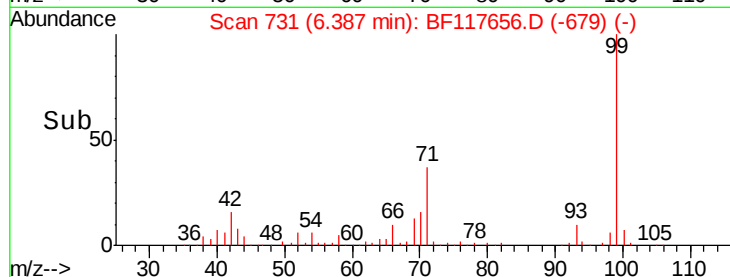
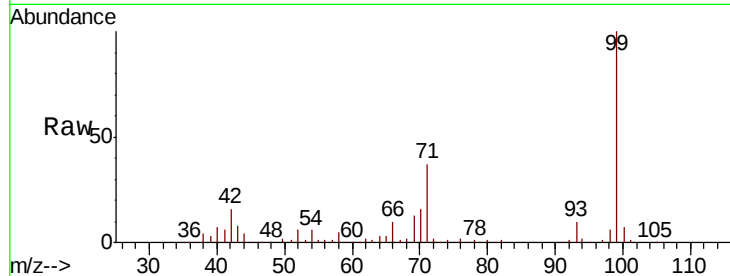
Tot Ion: 99 Resp: 258942

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

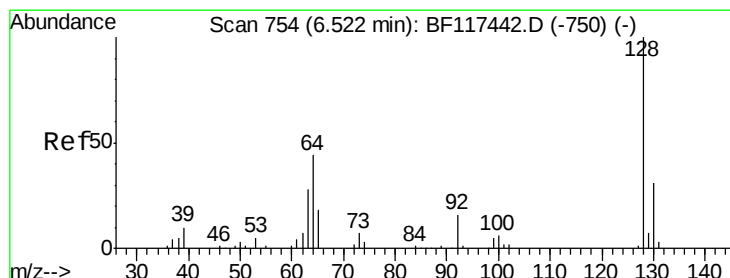
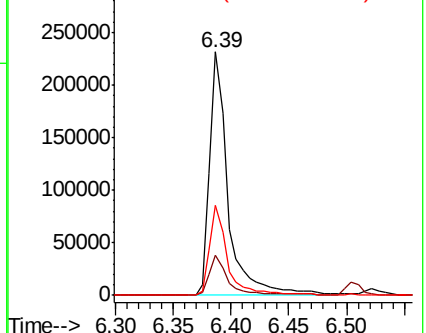
71 37.0 28.6 43.0



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: 38.357 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

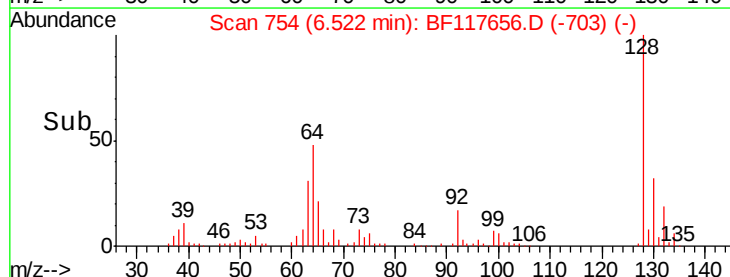
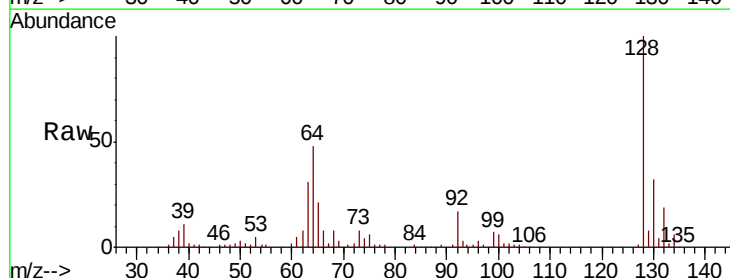
Tgt Ion:128 Resp: 101604

Ion Ratio Lower Upper

128 100

130 32.1 11.1 51.1

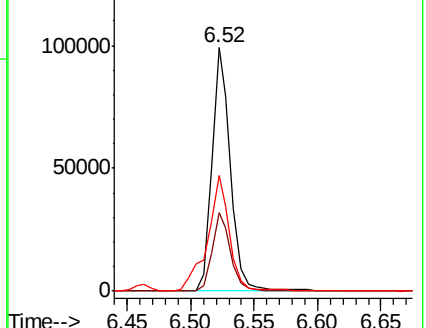
64 47.6 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

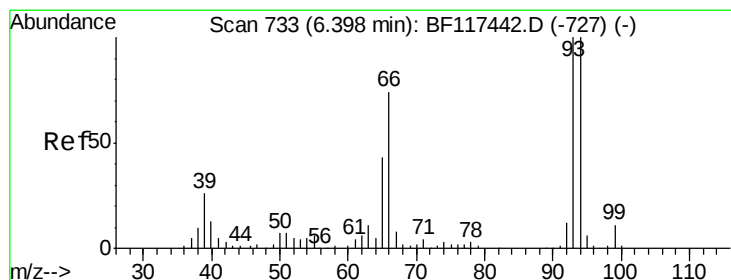
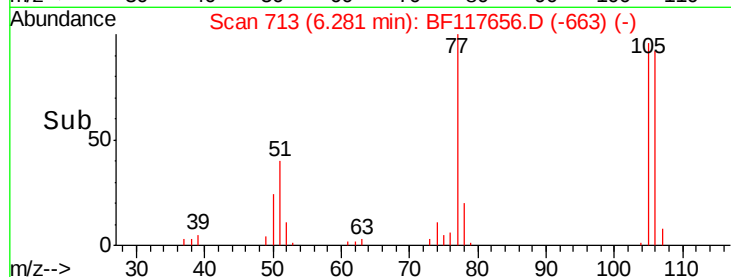
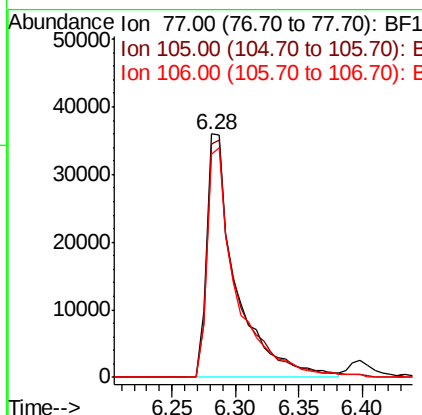
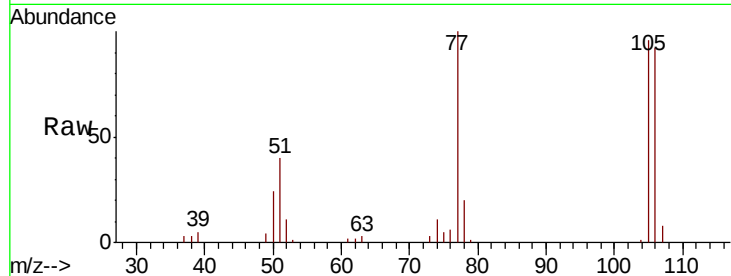




#9
Benzaldehyde
Concen: 33.877 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

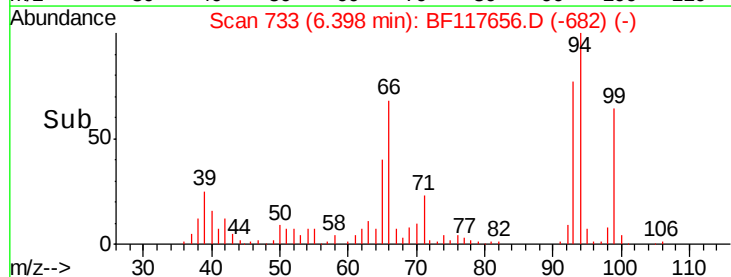
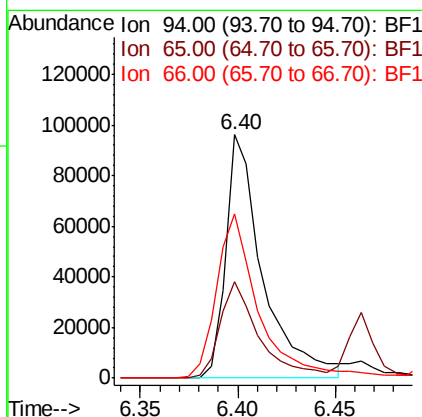
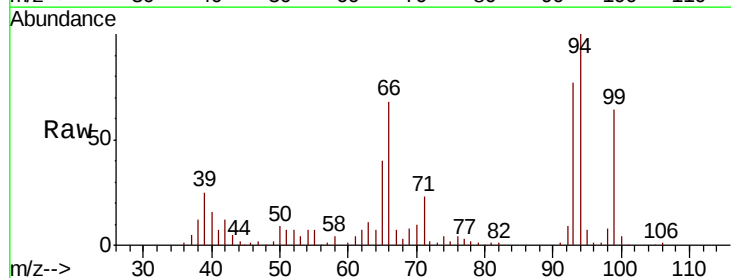
Instrument :
BNA_F
ClientSampleID :

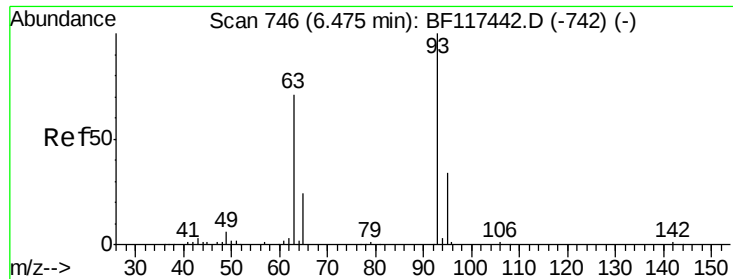
Tot Ion: 77 Resp: 57762
Ion Ratio Lower Upper
77 100
105 96.0 73.4 113.4
106 91.7 73.0 113.0



#10
Phenol
Concen: 36.752 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 94 Resp: 126470
Ion Ratio Lower Upper
94 100
65 39.8 23.4 63.4
66 67.6 54.7 94.7

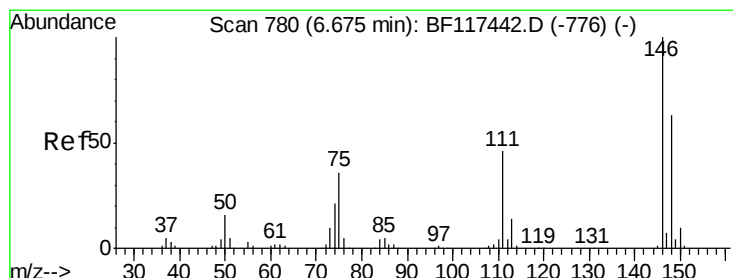
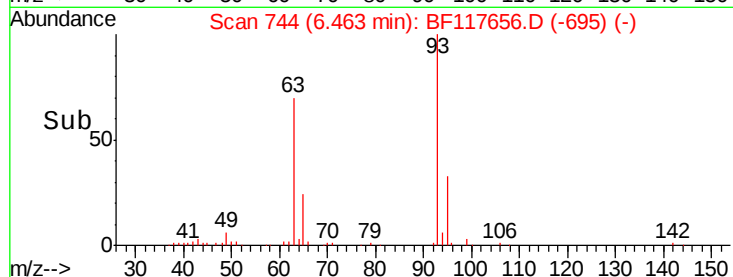
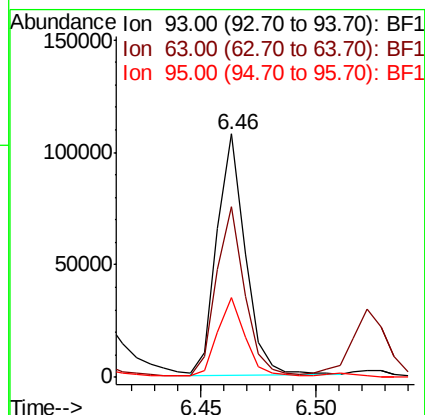
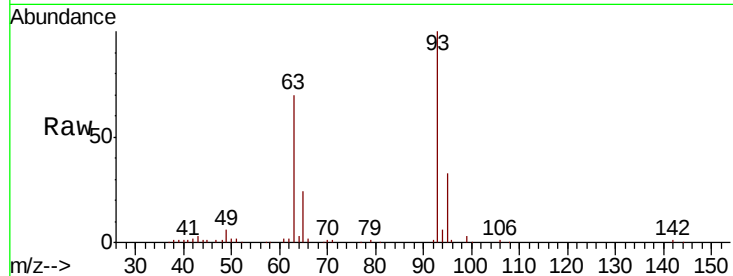




#11
bis(2-Chloroethyl)ether
Concen: 36.012 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

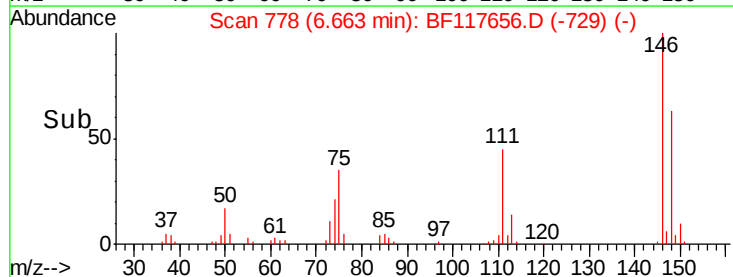
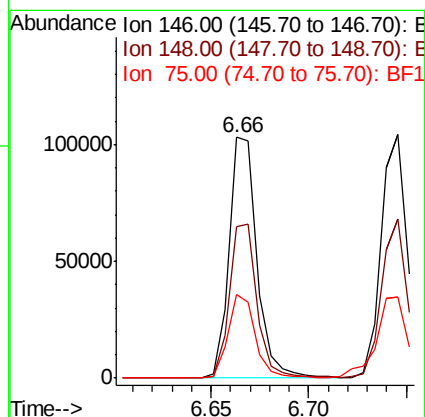
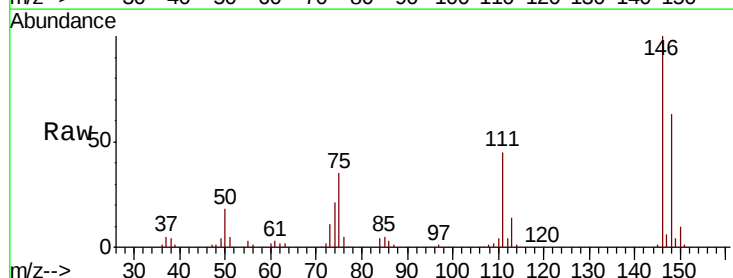
Instrument :
BNA_F
ClientSampleId :

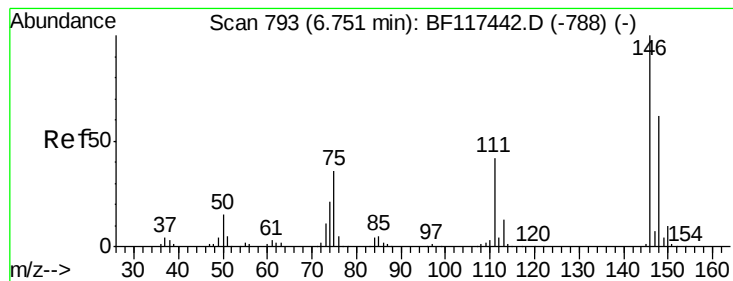
Tot Ion: 93 Resp: 91662
Ion Ratio Lower Upper
93 100
63 70.3 50.2 90.2
95 32.8 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 34.634 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 146 Resp: 102378
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 34.9 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 35.304 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampled :

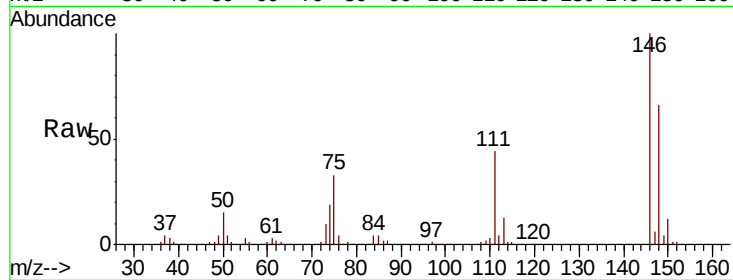
Tot Ion:146 Resp: 105868

Ion Ratio Lower Upper

146 100

148 65.6 49.3 73.9

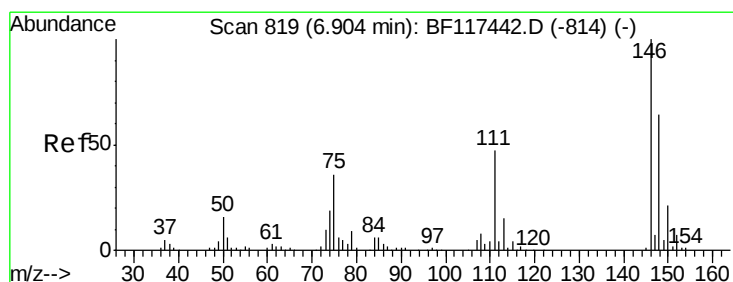
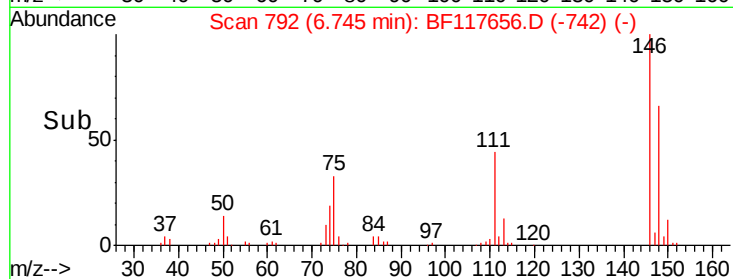
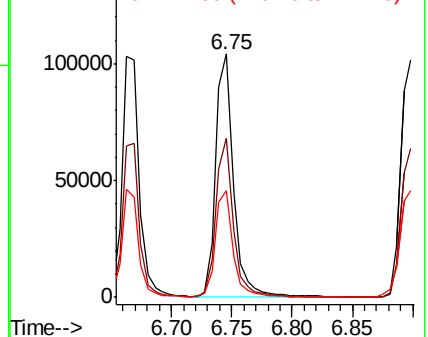
111 43.6 33.6 50.4



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: 35.590 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

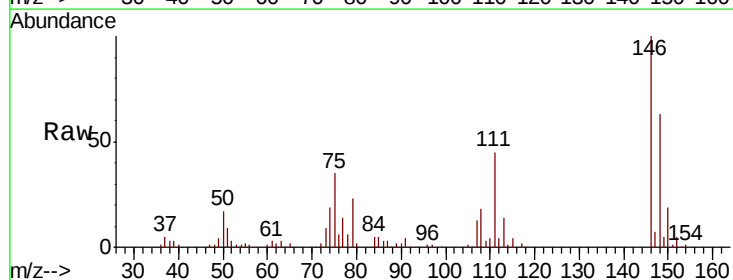
Tgt Ion:146 Resp: 100600

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.0

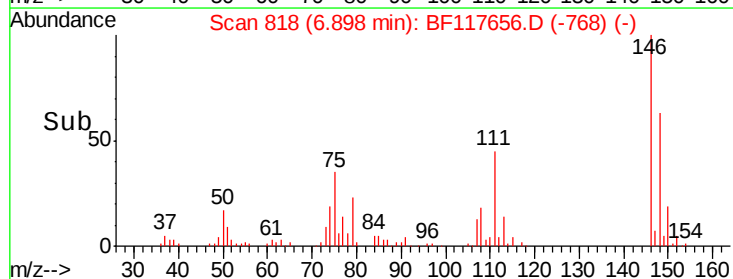
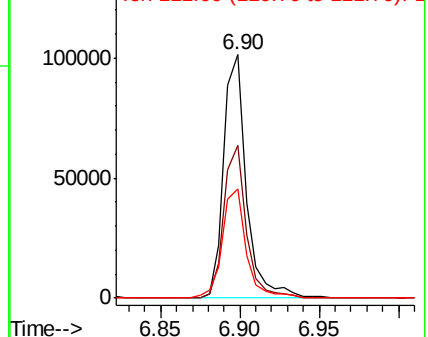
111 45.0 37.7 56.5

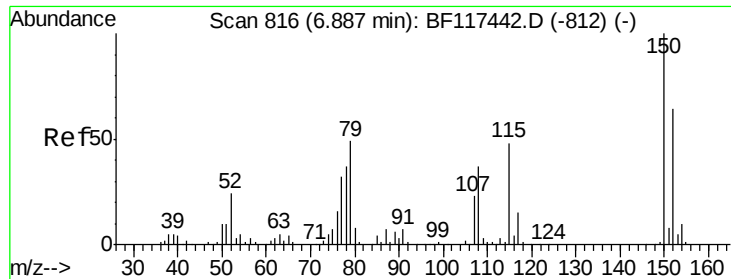


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

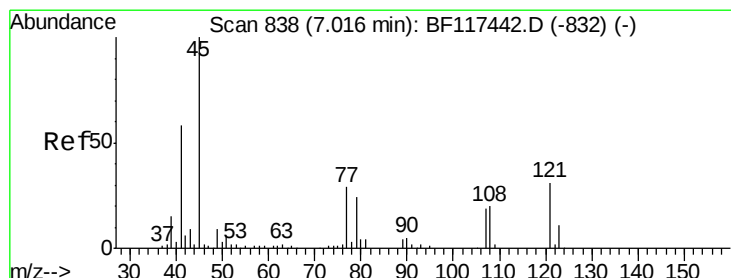
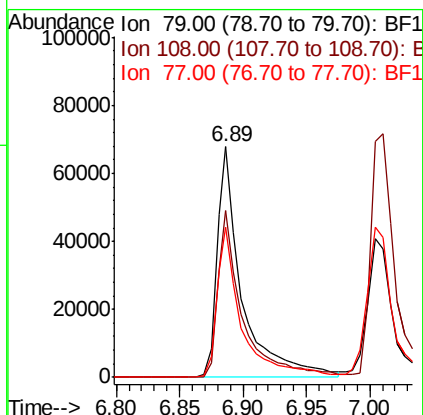
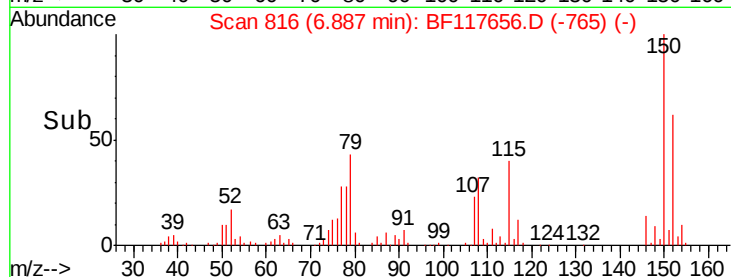
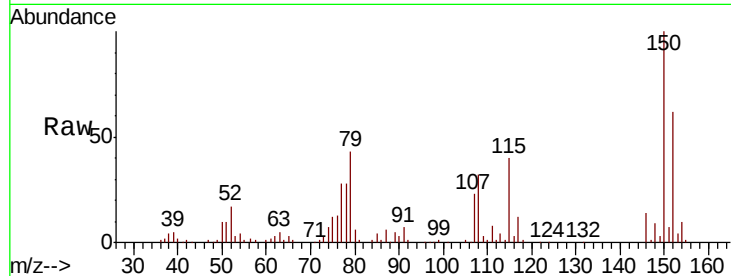




#15
Benzyl Alcohol
Concen: 38.447 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

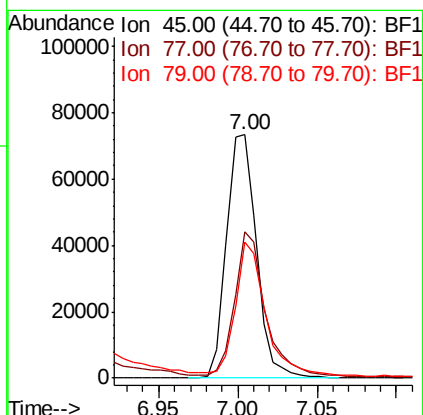
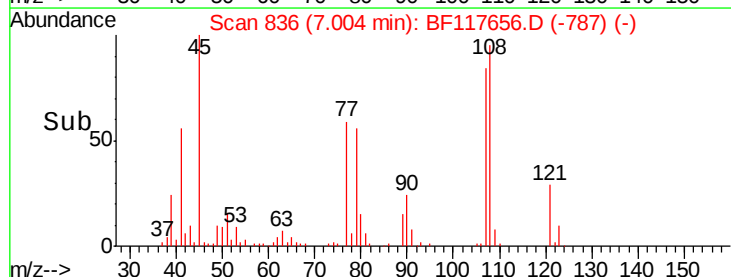
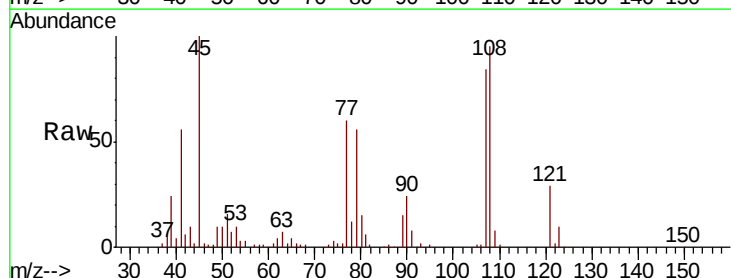
Instrument :
BNA_F
ClientSampled :

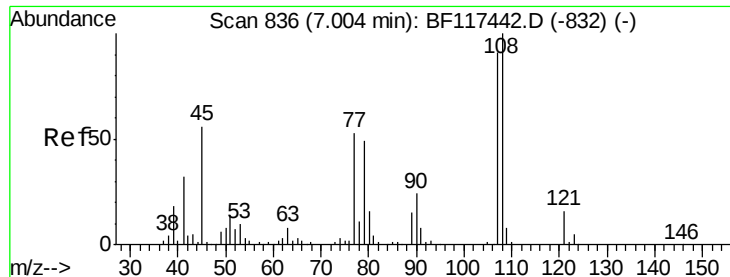
Tot Ion: 79 Resp: 92614
Ion Ratio Lower Upper
79 100
108 72.6 59.8 89.8
77 65.0 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.992 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 45 Resp: 96081
Ion Ratio Lower Upper
45 100
77 60.0 9.9 49.9#
79 55.6 5.5 45.5#

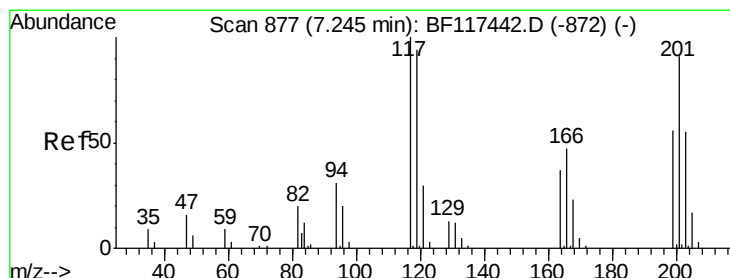
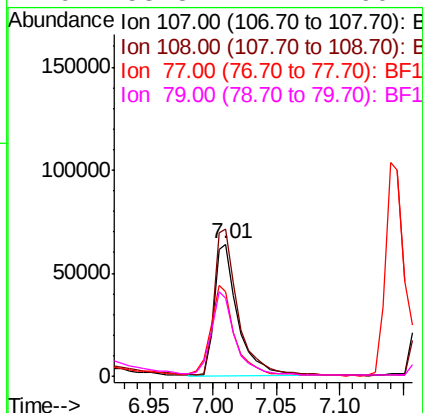
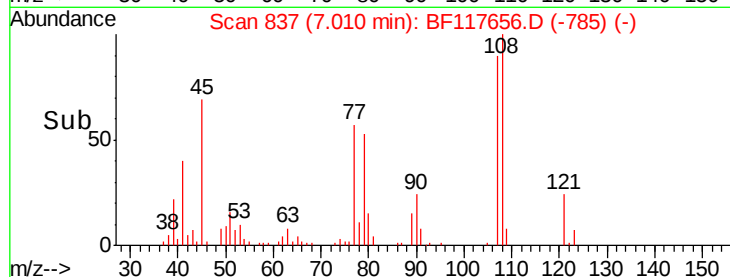
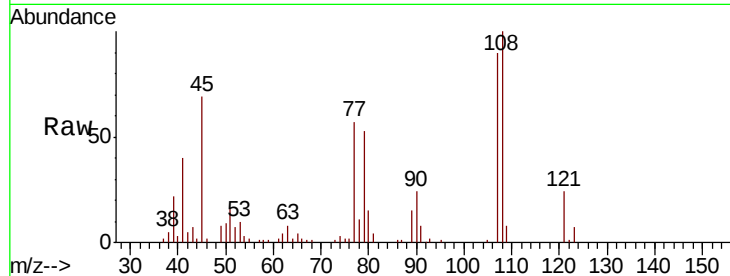




#17
2-Methylphenol
Concen: 38.325 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

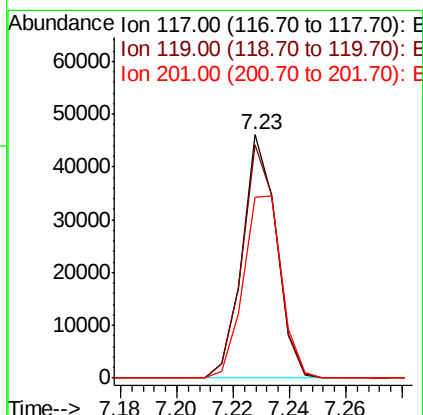
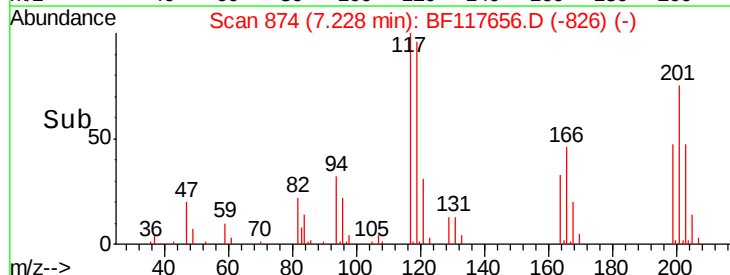
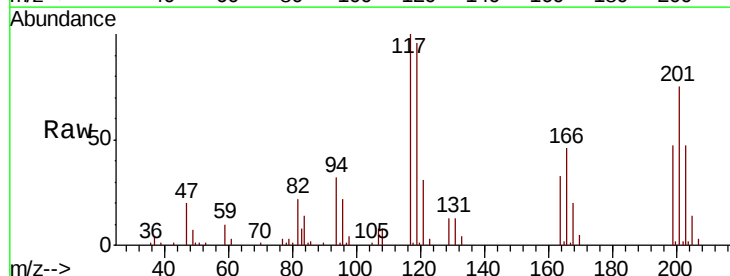
Instrument :
BNA_F
ClientSampleId :

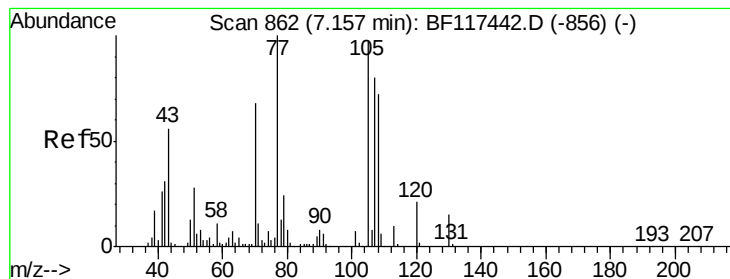
Tot Ion:107 Resp: 83514
Ion Ratio Lower Upper
107 100
108 111.7 88.0 132.0
77 64.0 47.2 70.8
79 58.8 44.1 66.1



#18
Hexachloroethane
Concen: 33.074 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:117 Resp: 38712
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 74.5 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.334 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 74816

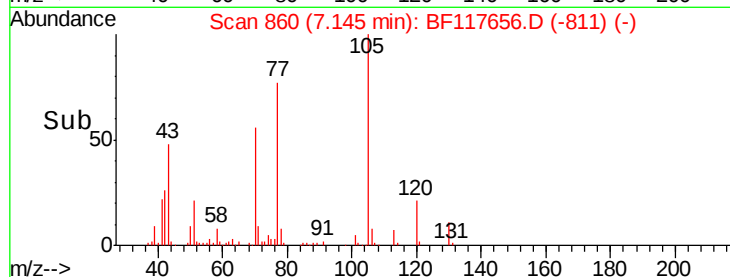
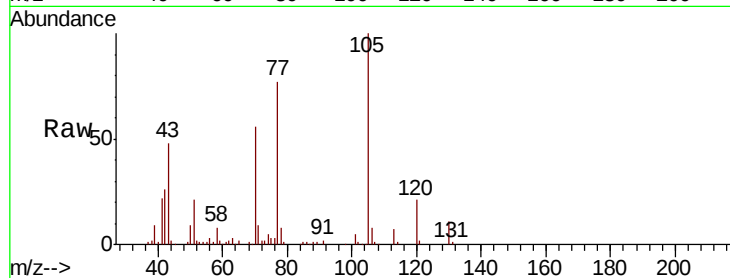
Ion Ratio Lower Upper

70 100

42 46.8 36.7 55.1

101 9.0 8.3 12.5

130 20.2 18.1 27.1

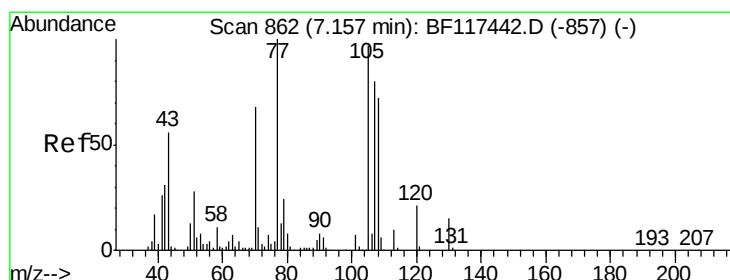
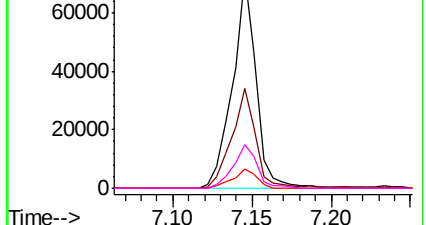


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.138 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Tgt Ion:107 Resp: 111818

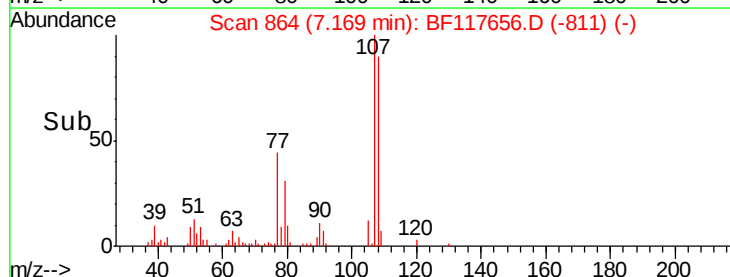
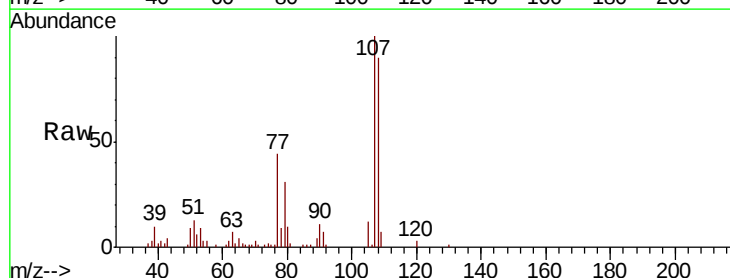
Ion Ratio Lower Upper

107 100

108 89.9 70.3 110.3

77 43.8 104.8 144.8#

79 30.5 10.0 50.0

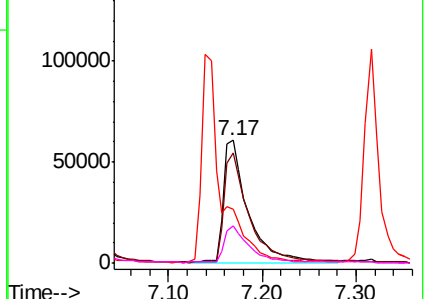


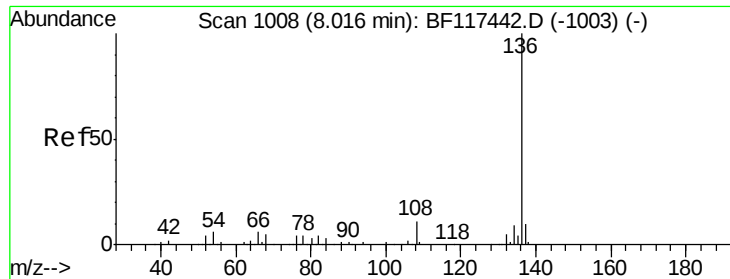
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

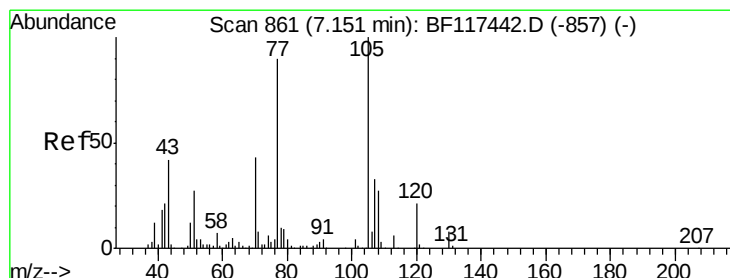
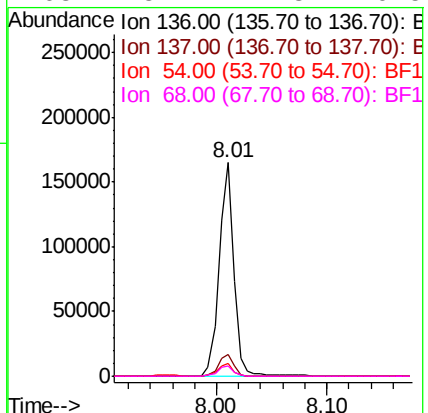
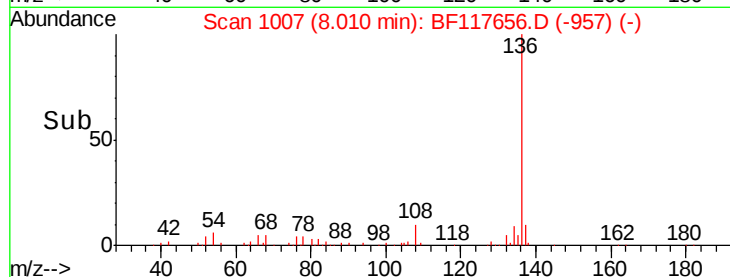
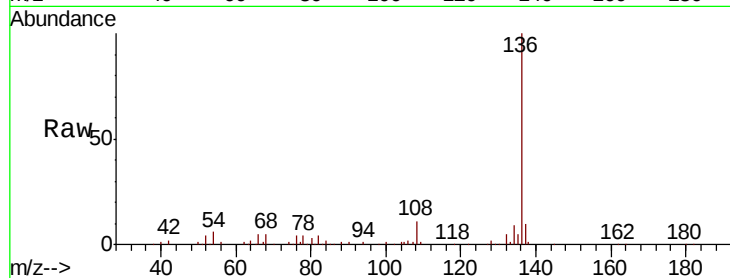




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

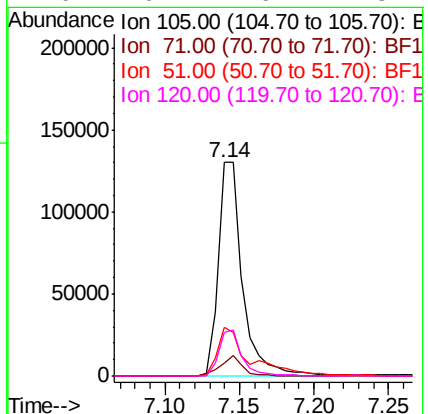
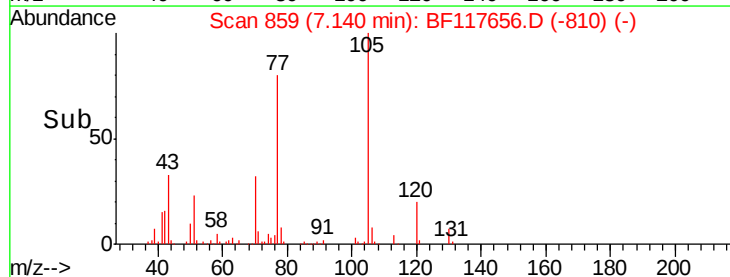
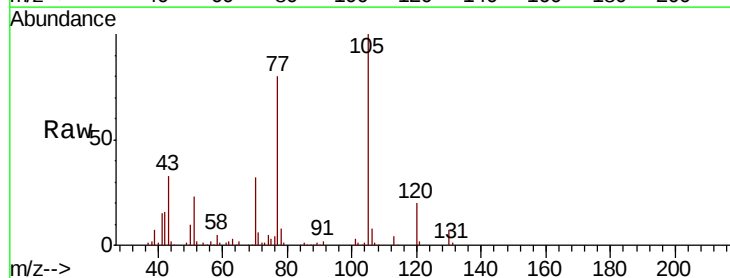
Instrument :
BNA_F
ClientSampleId :

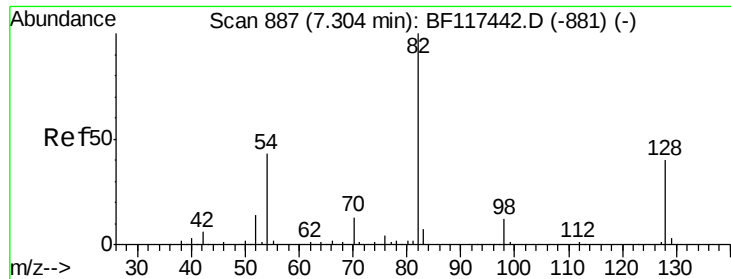
Tot Ion:136	Resp:	152909
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.2 12.4
54	6.1	4.5 6.7
68	5.1	4.3 6.5



#22
Acetophenone
Concen: 36.700 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:105	Resp:	149014
Ion	Ratio	Lower Upper
105	100	
71	5.7	6.2 9.2#
51	22.6	21.8 32.6
120	20.1	16.7 25.1

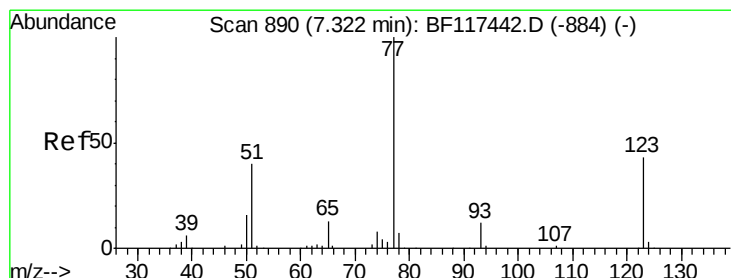
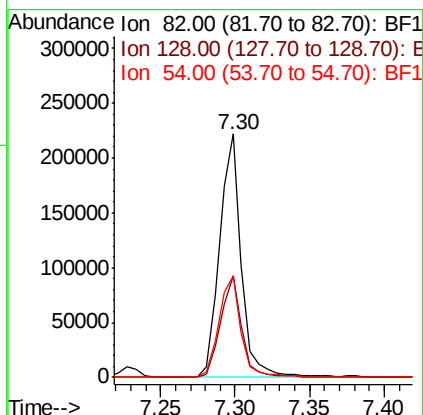
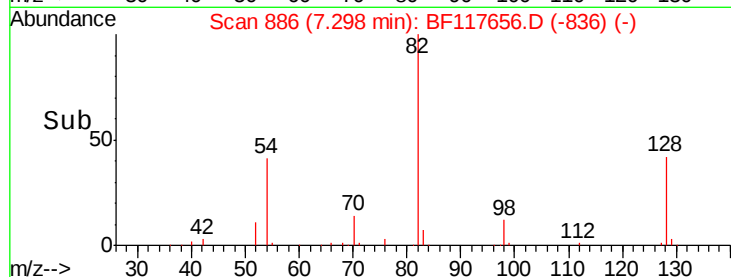
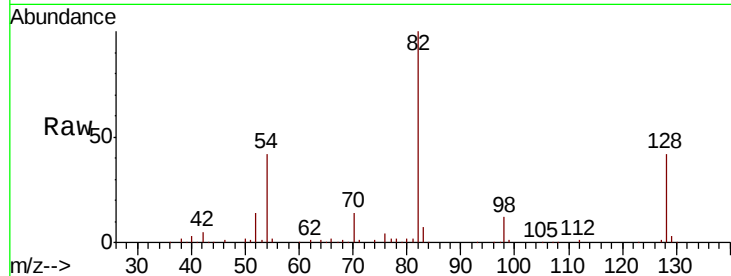




#23
Nitrobenzene-d5
Concen: 73.265 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

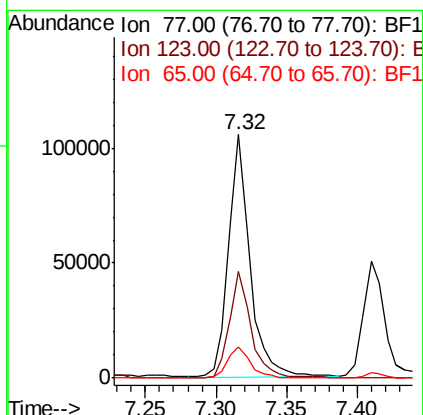
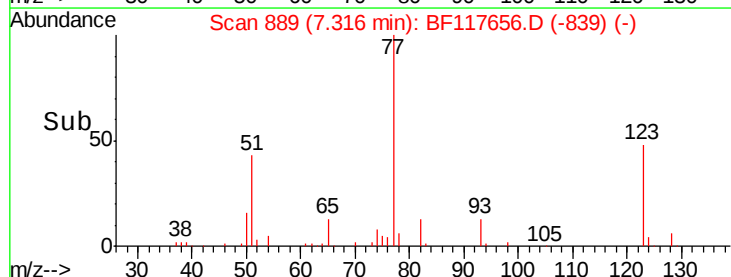
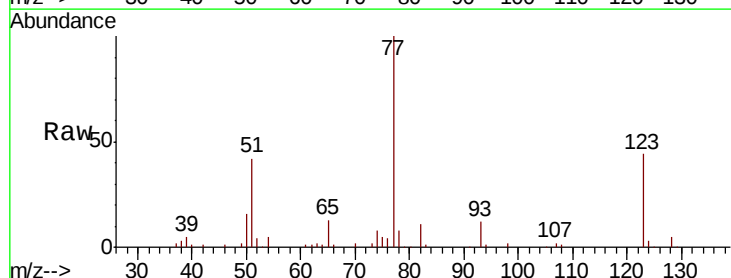
Instrument :
BNA_F
ClientSampled :

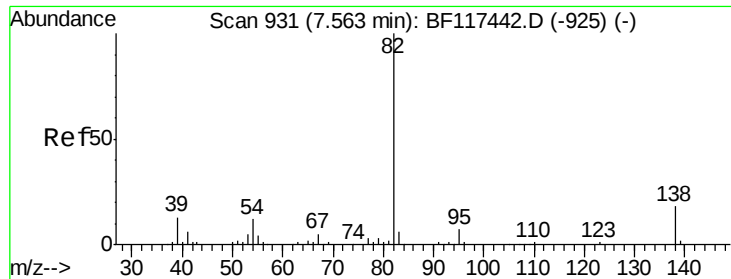
Tot Ion	82	Resp	226926
Ion Ratio	100	Lower	Upper
128	41.9	32.2	48.2
54	41.9	34.2	51.2



#24
Nitrobenzene
Concen: 38.043 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	77	Resp	112859
Ion Ratio	100	Lower	Upper
123	43.7	34.2	51.2
65	12.7	10.3	15.5

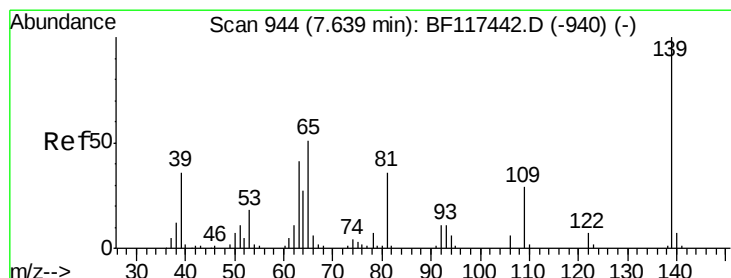
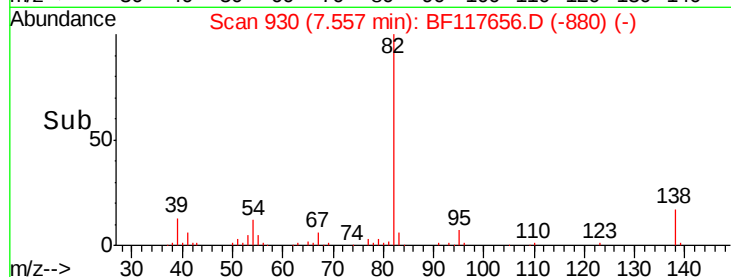
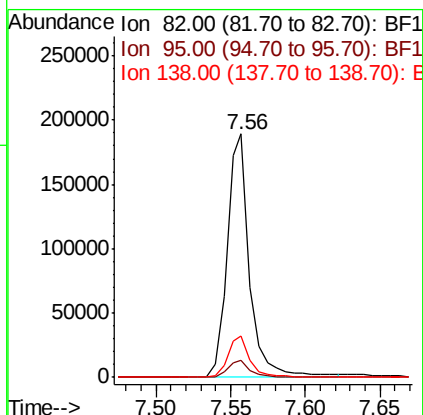
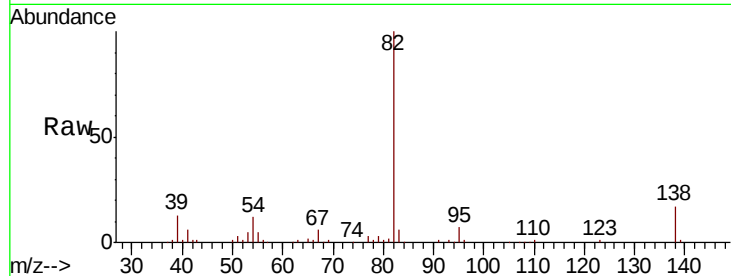




#25
Isophorone
Concen: 37.373 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

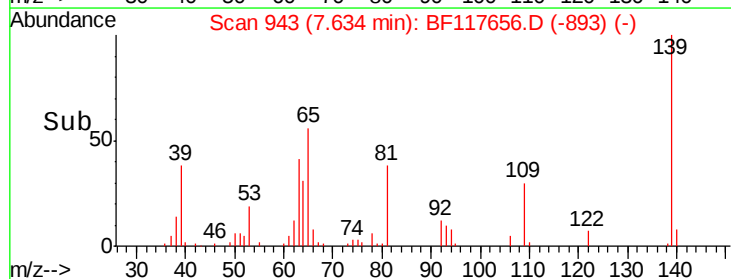
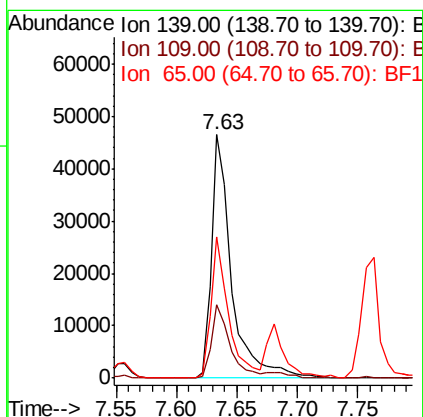
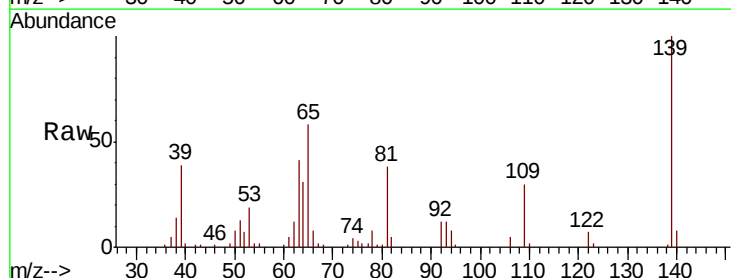
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 200249
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.2 14.2 21.2



#26
2-Nitrophenol
Concen: 40.052 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 139 Resp: 52994
Ion Ratio Lower Upper
139 100
109 30.2 23.2 34.8
65 58.2 41.1 61.7

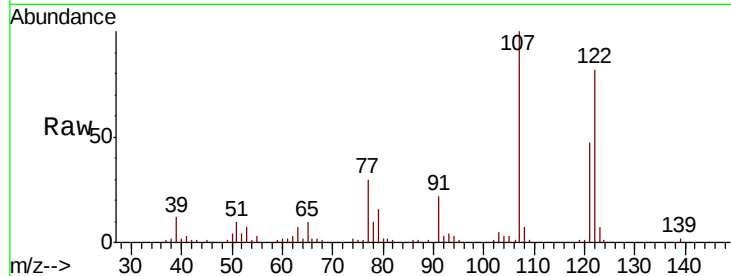




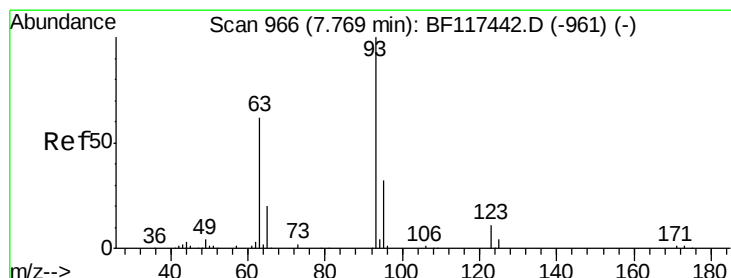
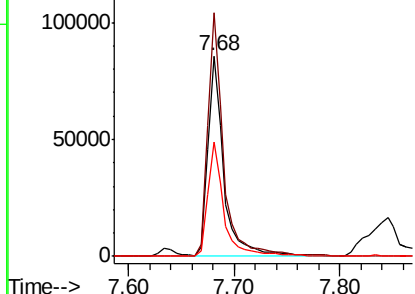
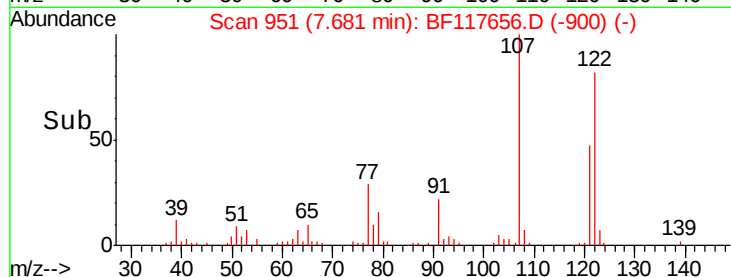
#27
2,4-Dimethylphenol
Concen: 44.669 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 88328
Ion Ratio Lower Upper
122 100
107 121.4 96.8 145.2
121 57.3 46.4 69.6

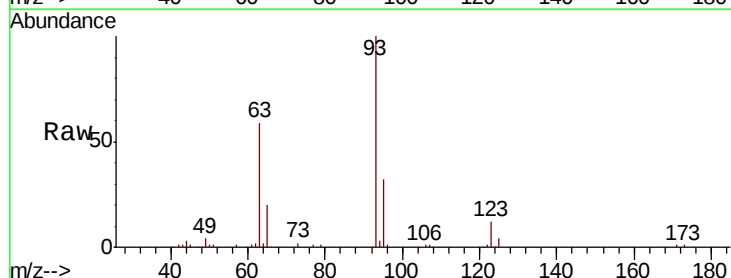


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

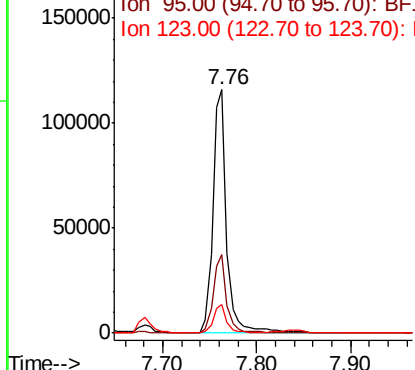
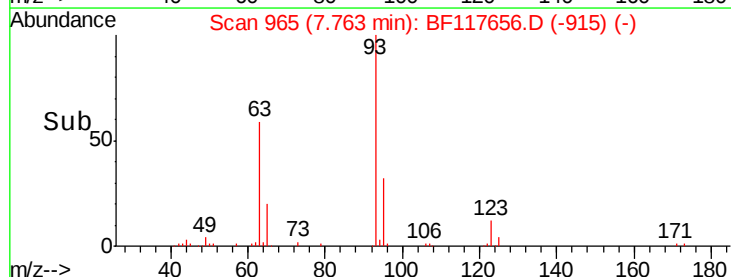


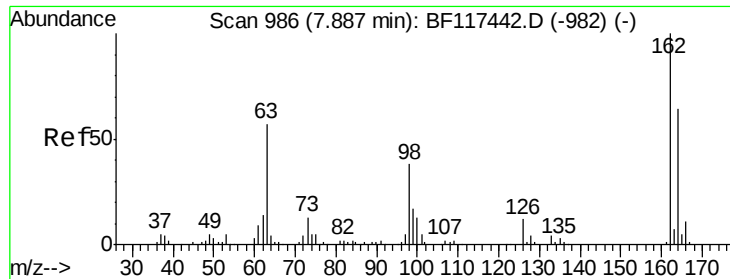
#28
bis(2-Chloroethoxy)methane
Concen: 36.667 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion: 93 Resp: 121230
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.8 9.0 13.6



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

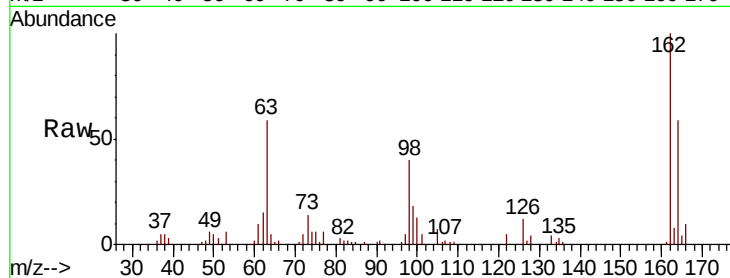




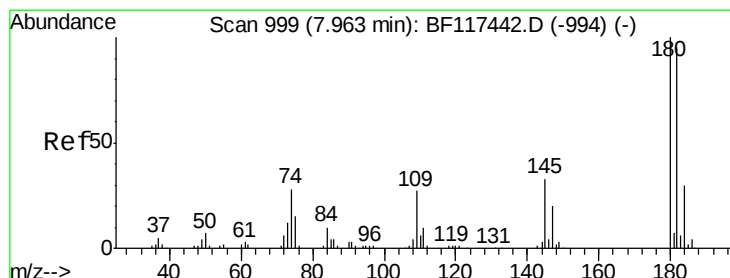
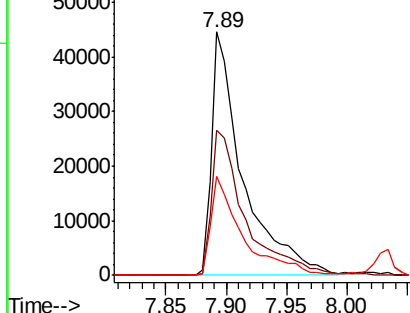
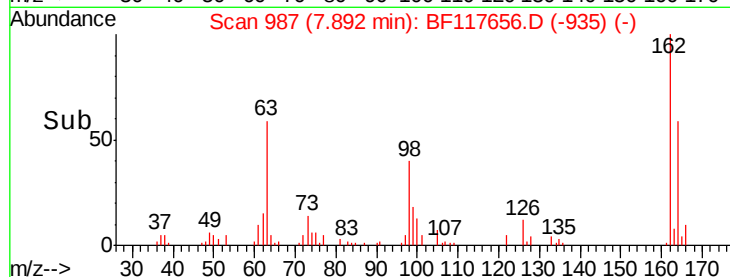
#29
2,4-Dichlorophenol
Concen: 38.479 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 79807
Ion Ratio Lower Upper
162 100
164 59.4 44.4 84.4
98 40.5 18.2 58.2

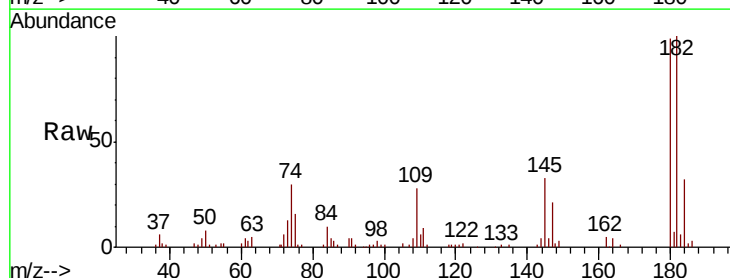


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

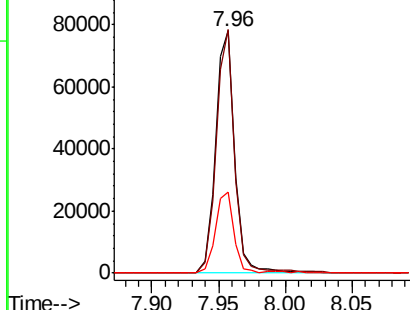
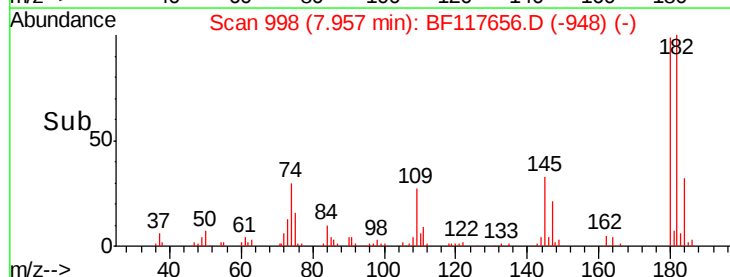


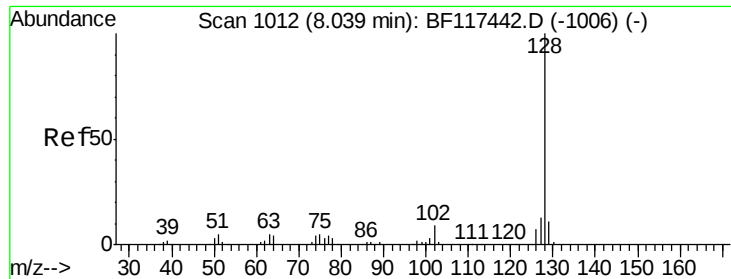
#30
1,2,4-Trichlorobenzene
Concen: 35.524 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:180 Resp: 79065
Ion Ratio Lower Upper
180 100
182 100.7 75.8 113.8
145 33.3 26.5 39.7



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

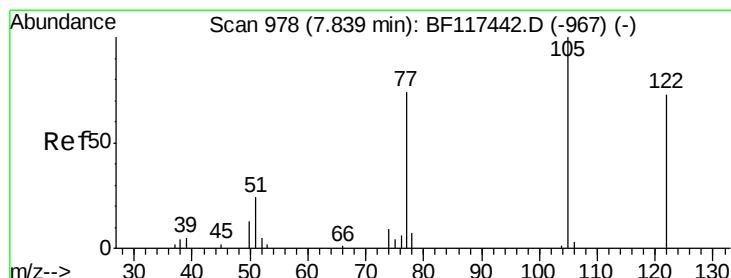
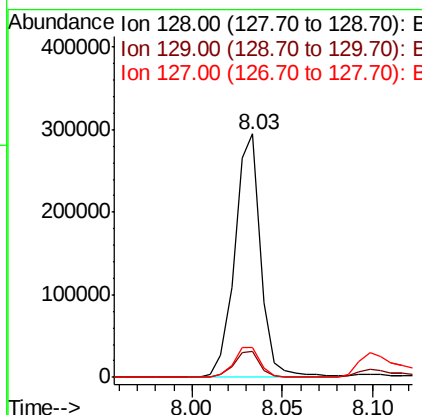
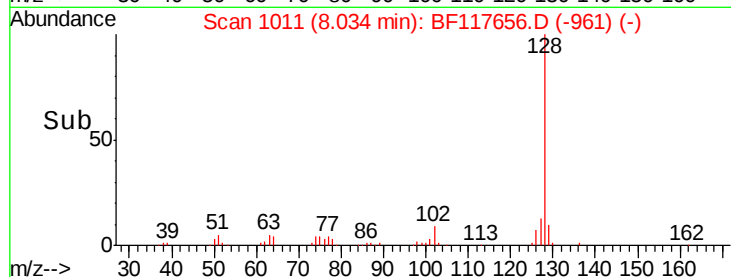
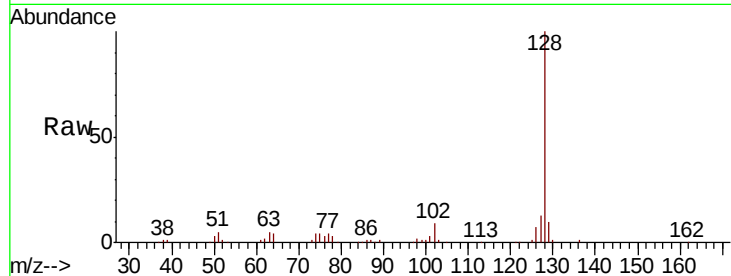




#31
Naphthalene
Concen: 38.688 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

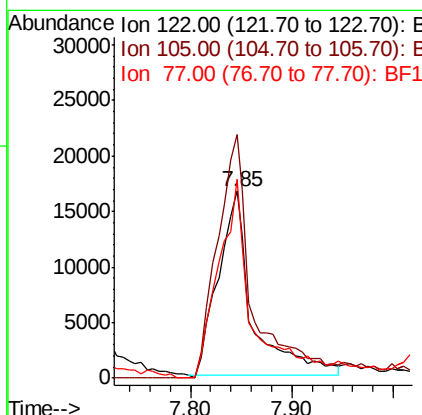
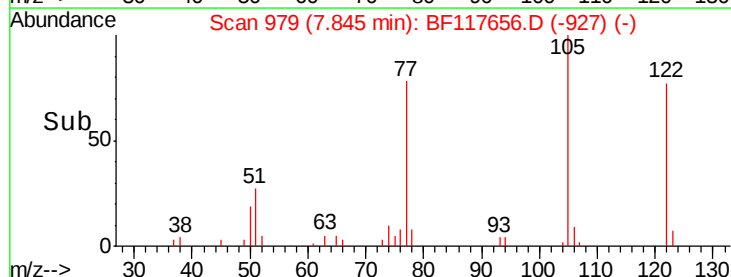
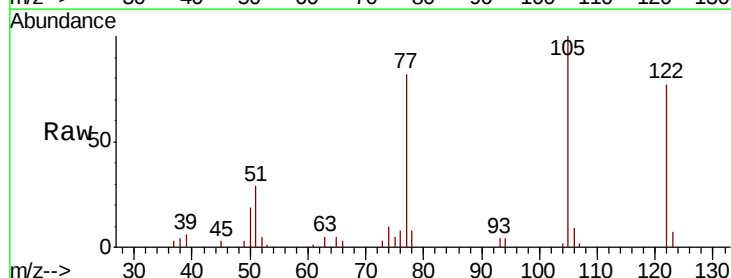
Instrument :
BNA_F
ClientSampleId :

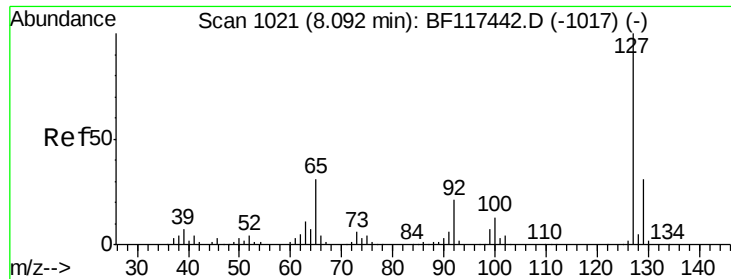
Tot Ion:128 Resp: 293222
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.5 10.2 15.2



#32
Benzoic acid
Concen: 28.487 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:122 Resp: 38582
Ion Ratio Lower Upper
122 100
105 130.0 115.0 155.0
77 106.5 79.7 119.7

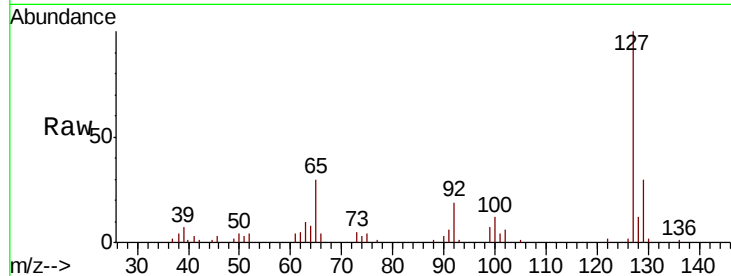




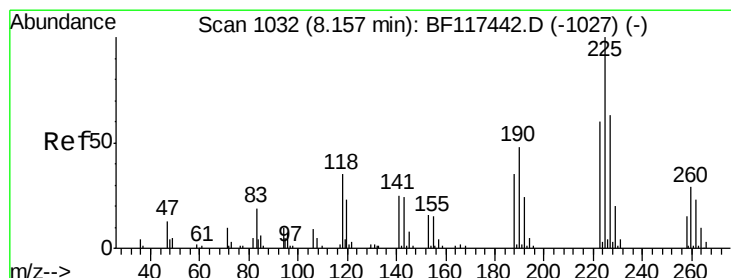
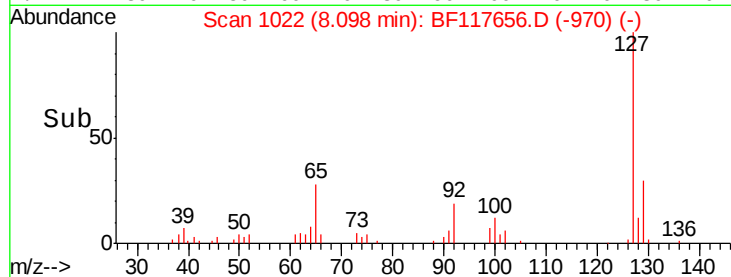
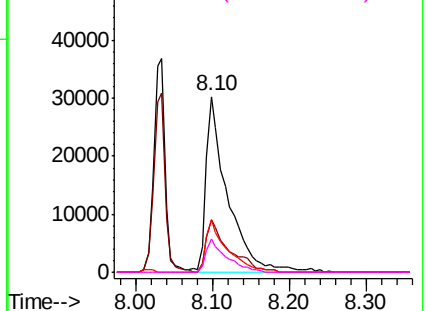
#33
4-Chloroaniline
Concen: 18.537 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	59294
Ion Ratio	Lower	Upper
127	100	
129	30.0	24.8 37.2
65	29.7	24.6 37.0
92	19.1	16.5 24.7

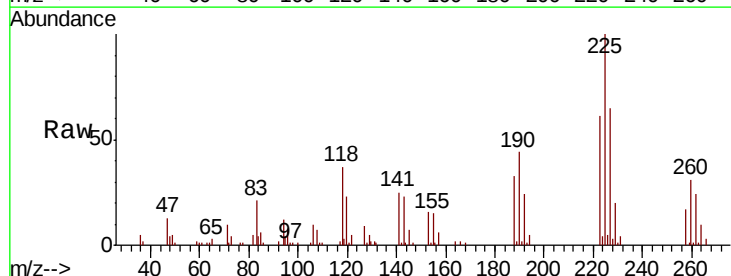


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

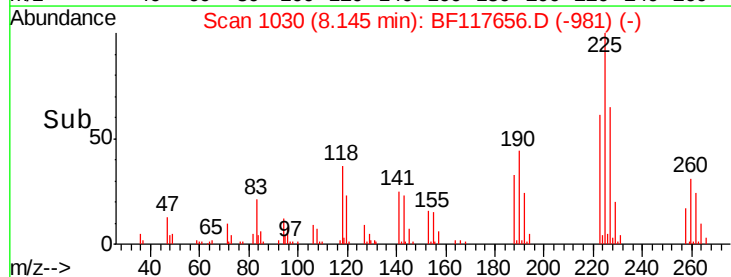
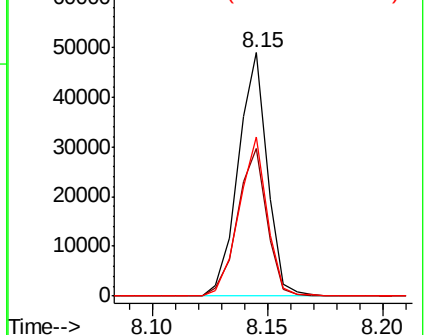


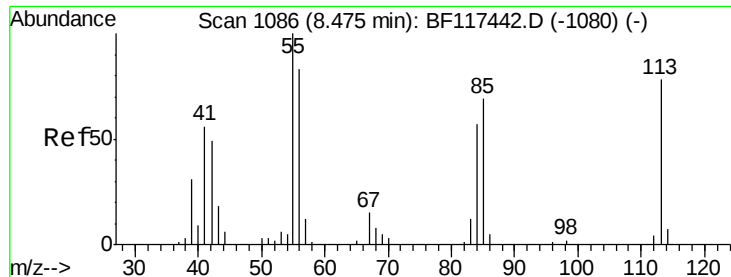
#34
Hexachlorobutadiene
Concen: 33.391 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:225	Resp:	43016
Ion Ratio	Lower	Upper
225	100	
223	60.9	48.2 72.4
227	65.5	50.2 75.4



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

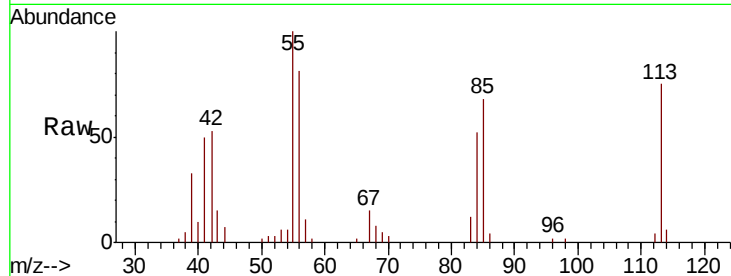




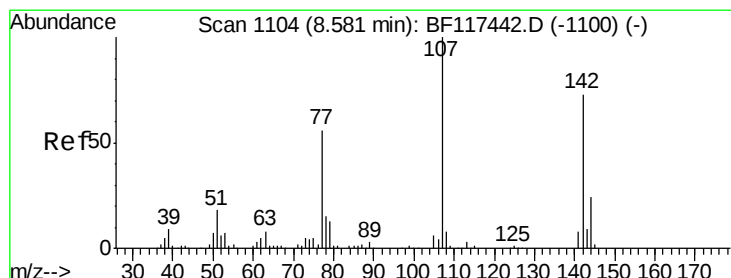
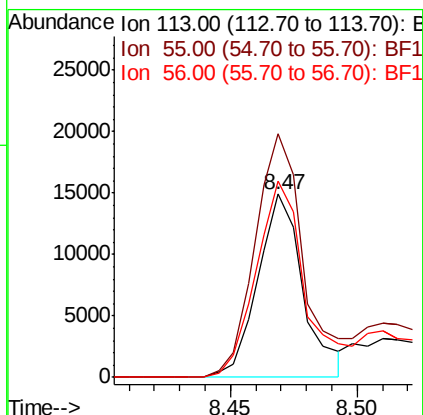
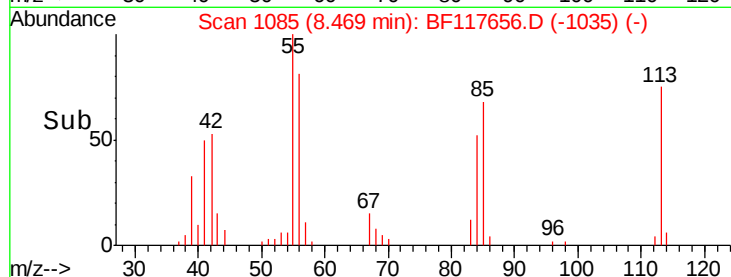
#35
 Caprolactam
 Concen: 28.103 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 18724
 Ion Ratio Lower Upper
 113 100
 55 133.1 108.8 148.8
 56 107.5 87.2 127.2

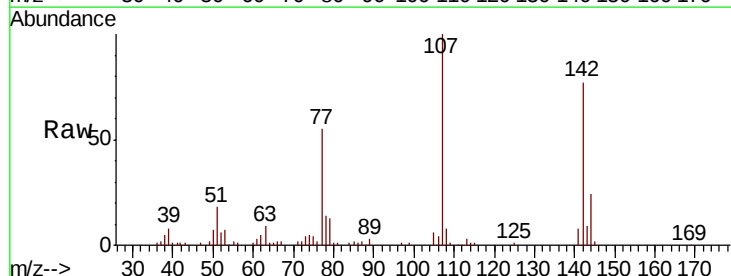


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

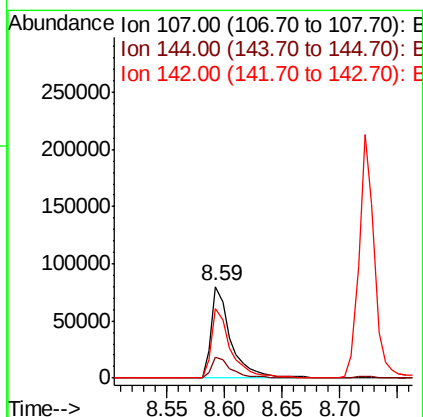
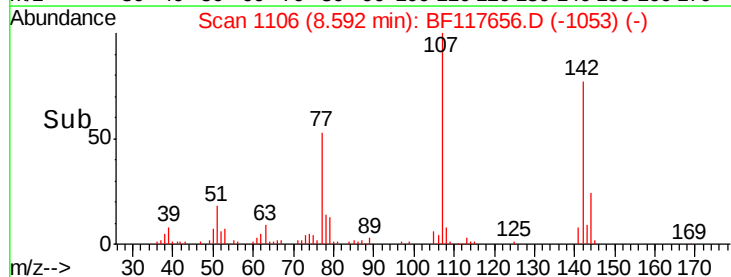


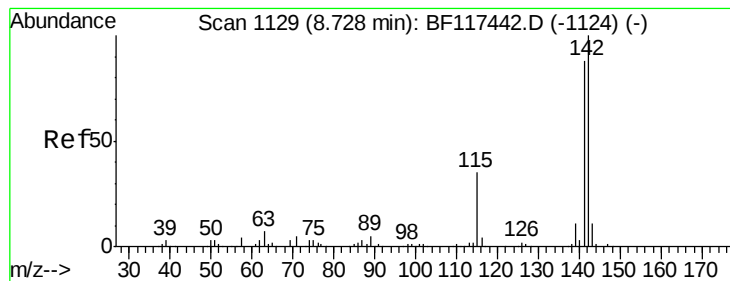
#36
 4-Chloro-3-methylphenol
 Concen: 40.346 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:107 Resp: 95433
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.9 28.3
 142 76.6 58.6 88.0



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





#37

2-Methylnaphthalene

Concen: 38.741 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

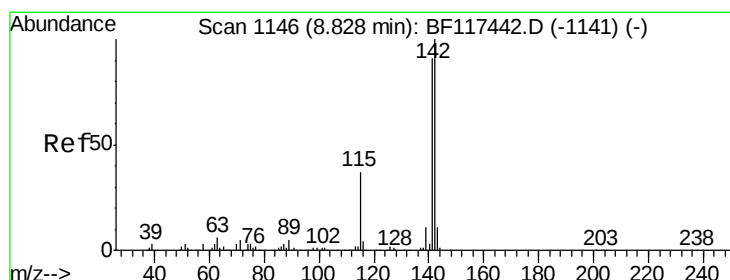
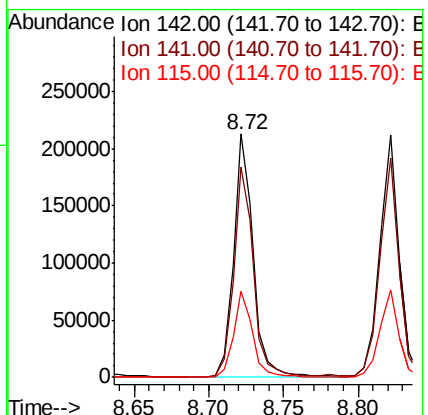
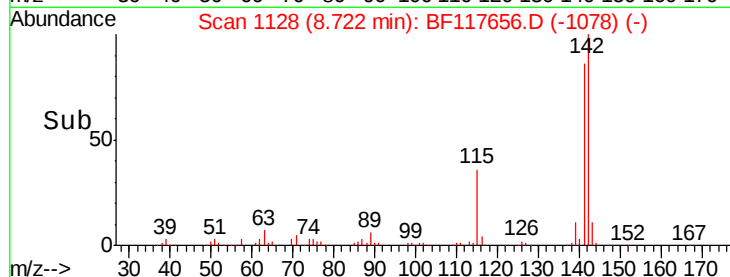
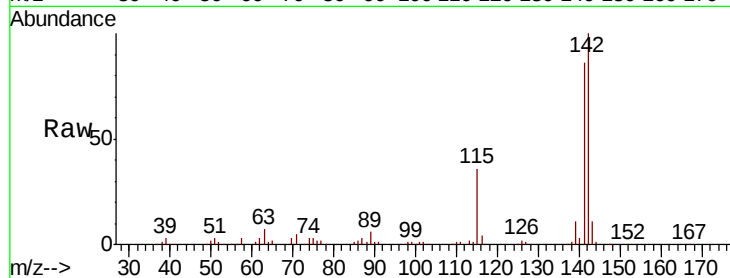
Tot Ion:142 Resp: 197855

Ion Ratio Lower Upper

142 100

141 86.2 70.3 105.5

115 35.6 28.2 42.2



#38

1-Methylnaphthalene

Concen: 38.954 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

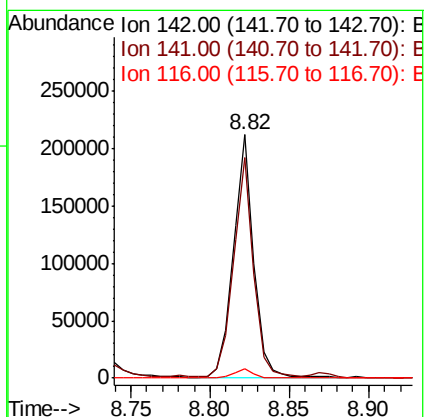
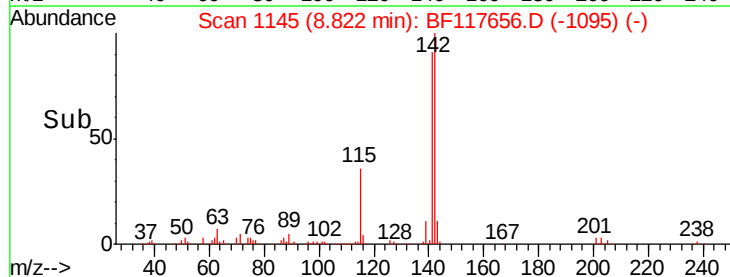
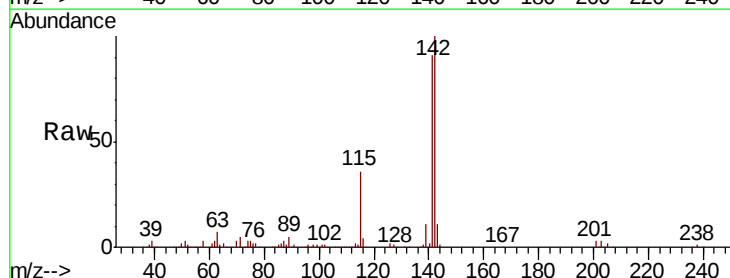
Tgt Ion:142 Resp: 186938

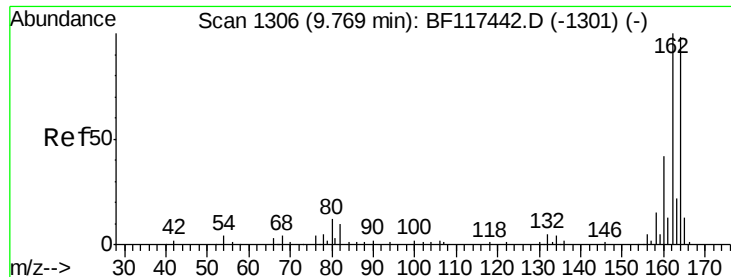
Ion Ratio Lower Upper

142 100

141 90.6 73.3 109.9

116 3.8 3.1 4.7

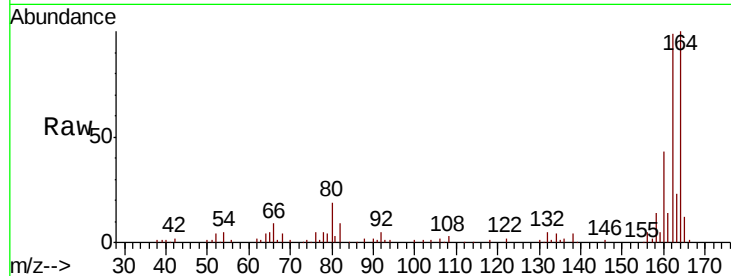




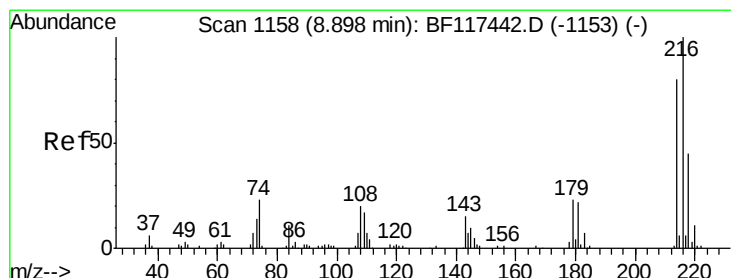
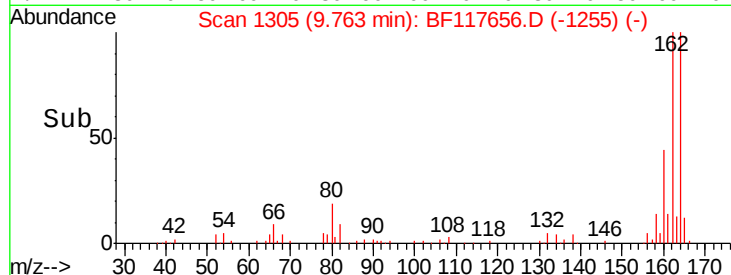
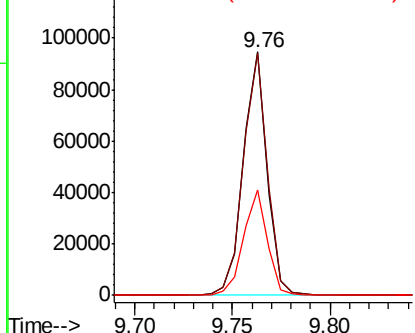
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 79756
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 43.3 34.4 51.6

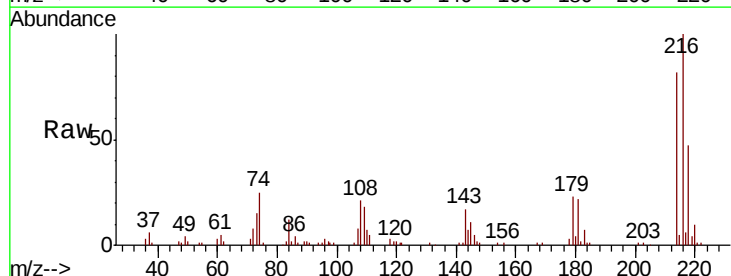


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

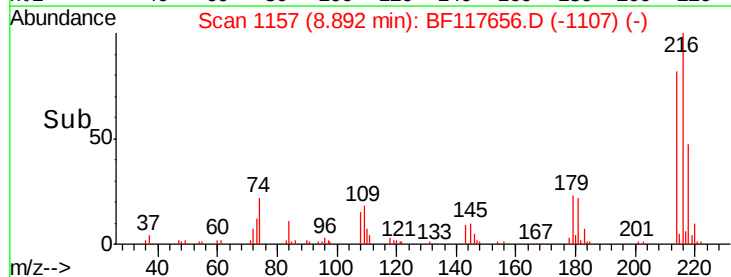
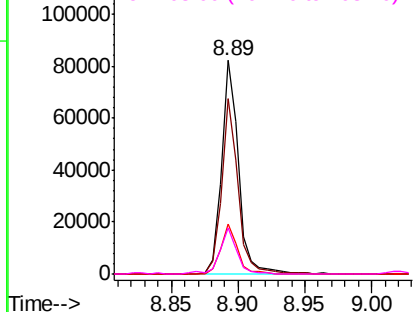


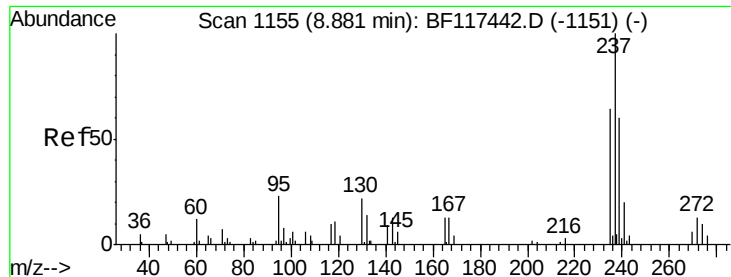
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.296 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:216 Resp: 73672
Ion Ratio Lower Upper
216 100
214 79.5 62.4 93.6
179 22.9 18.1 27.1
108 21.5 16.6 24.8



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

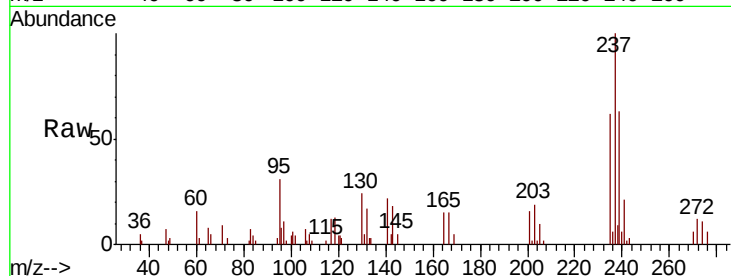




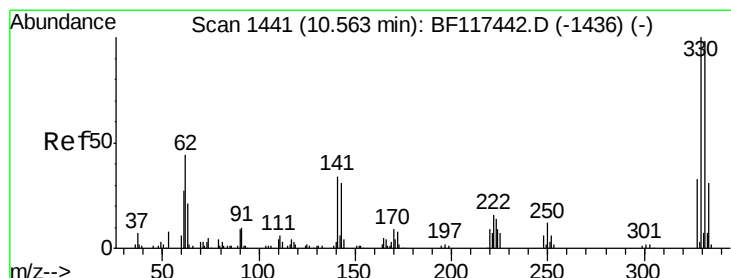
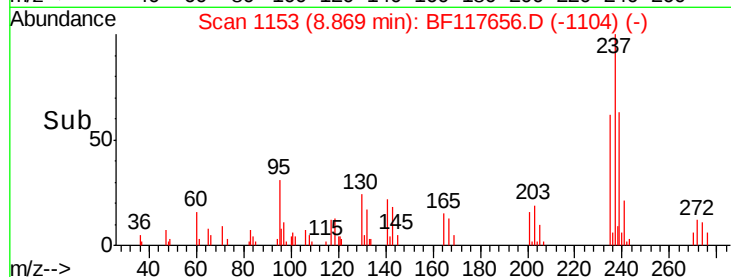
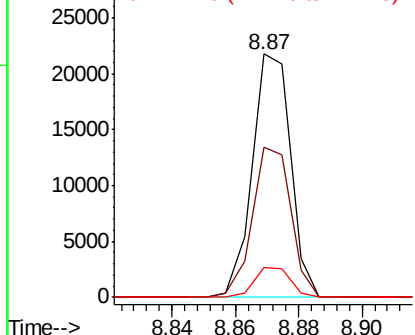
#41
Hexachlorocyclopentadiene
Concen: 42.800 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.3	84.3
272	12.4	0.0	33.2

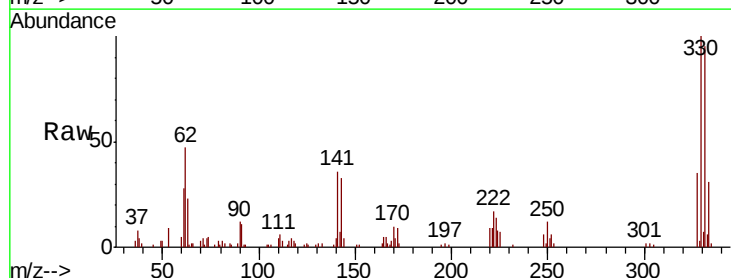


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

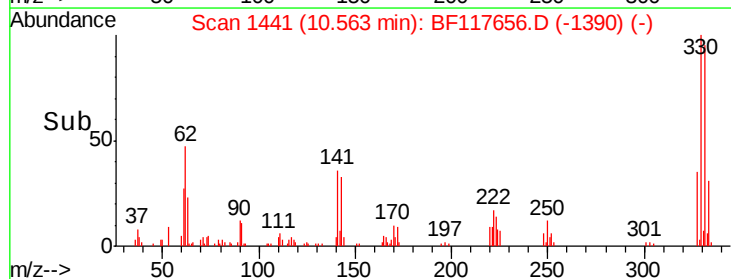
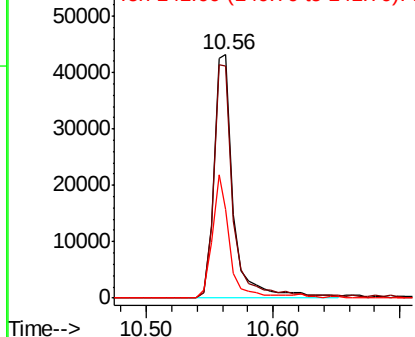


#42
2,4,6-Tribromophenol
Concen: 68.308 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.5	117.7
141	43.8	37.0	55.6



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

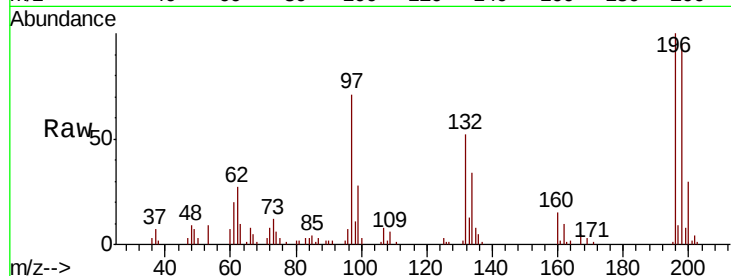




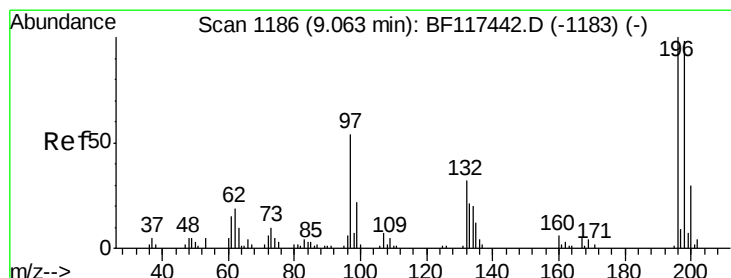
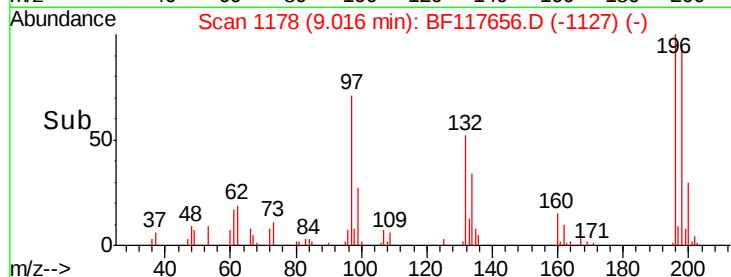
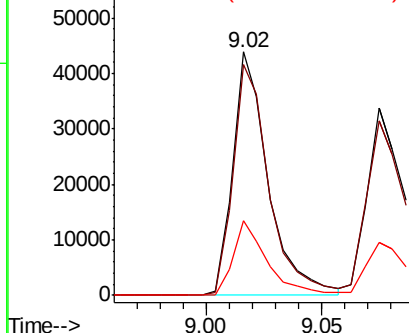
#43
 2,4,6-Trichlorophenol
 Concen: 34.894 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 46941
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.1 111.1
 200 30.5 23.9 35.9

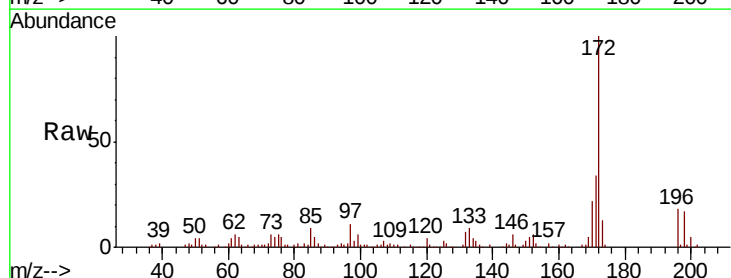


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

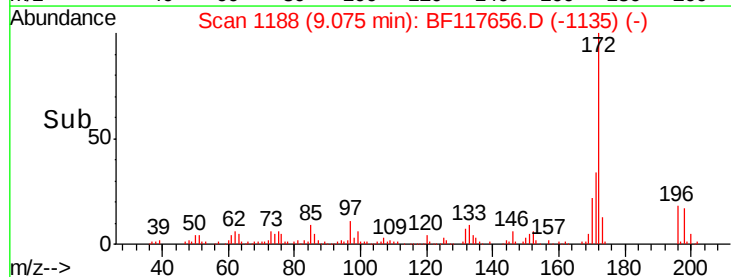
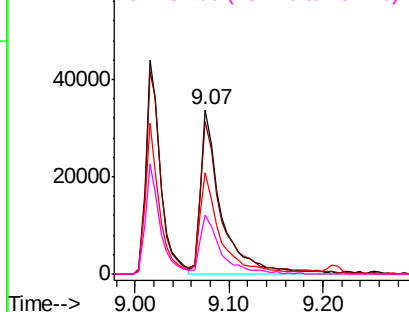


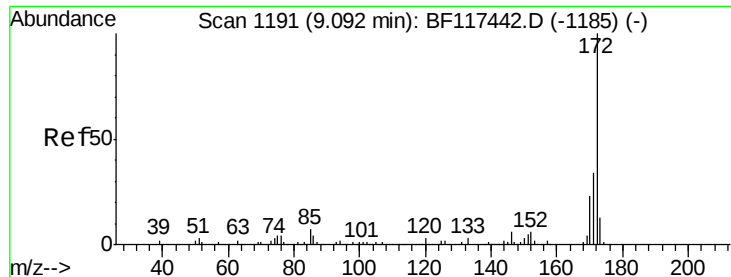
#44
 2,4,5-Trichlorophenol
 Concen: 38.098 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:196 Resp: 51933
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.6 117.8
 97 61.7 43.4 65.2
 132 36.2 26.0 39.0



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

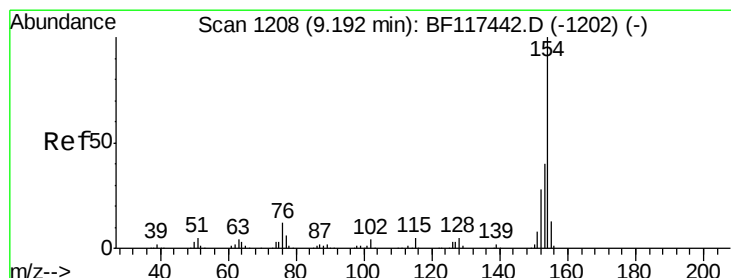
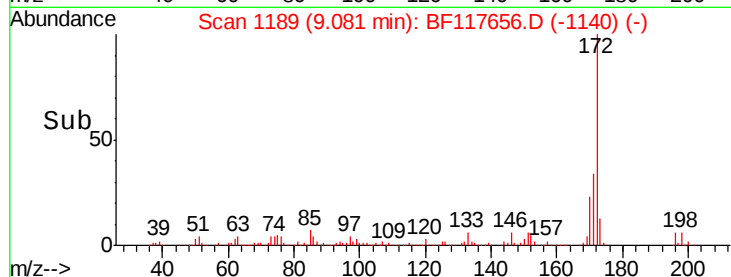
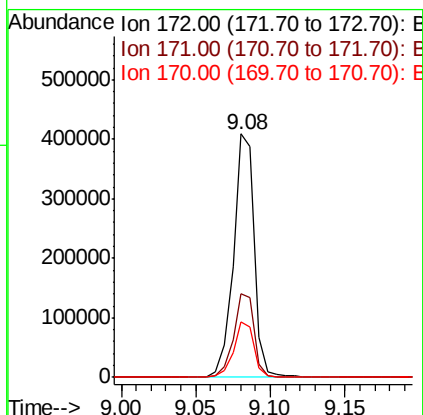
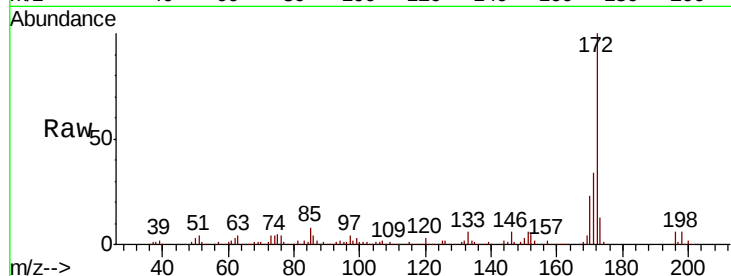




#45
2-Fluorobiphenyl
Concen: 70.863 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

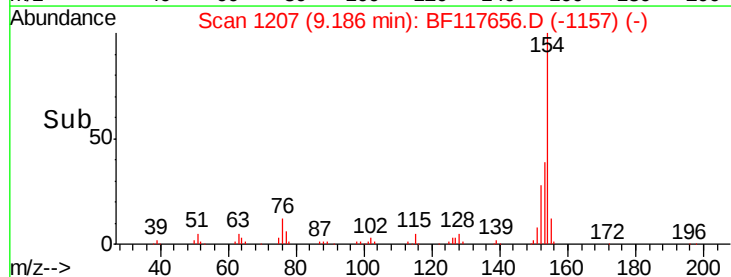
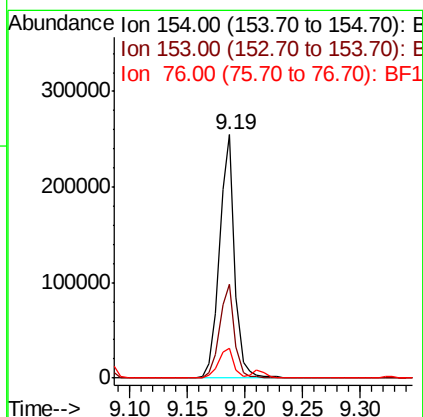
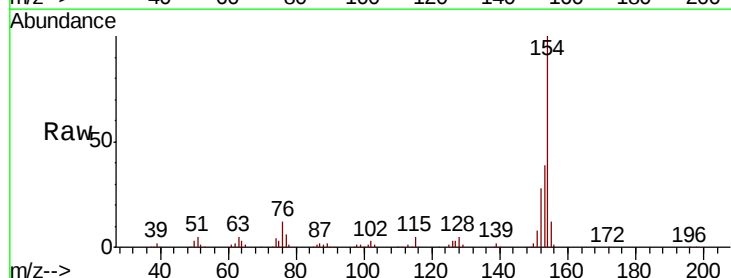
Instrument :
BNA_F
ClientSampleId :

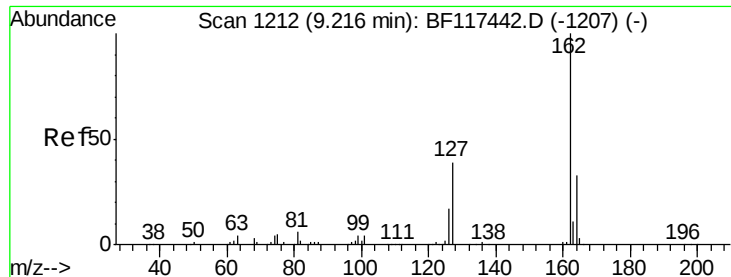
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	22.9	18.6	27.8



#46
1,1'-Biphenyl
Concen: 35.130 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.2	60.2
76	12.4	0.0	32.1

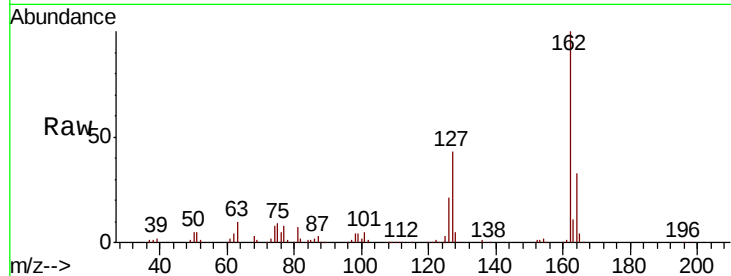




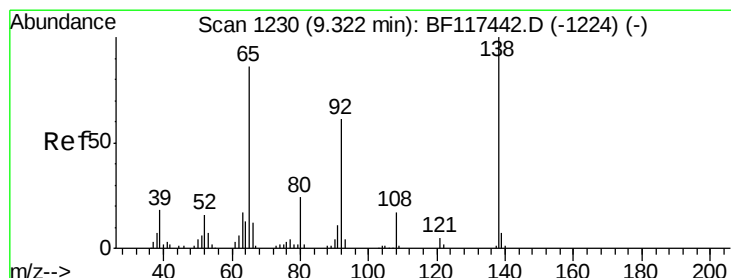
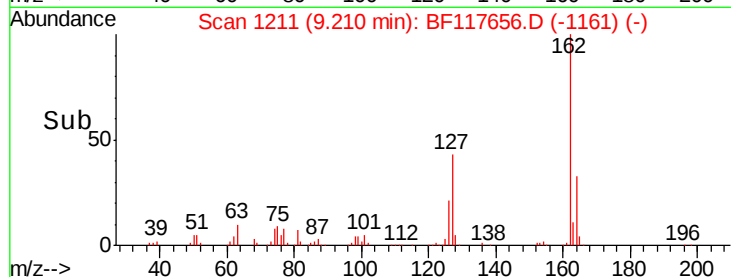
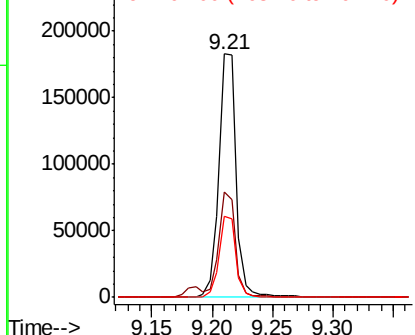
#47
 2-Chloronaphthalene
 Concen: 35.977 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	179107
Ion	Ratio	Lower	Upper
162	100		
127	43.2	34.2	51.4
164	33.2	26.4	39.6

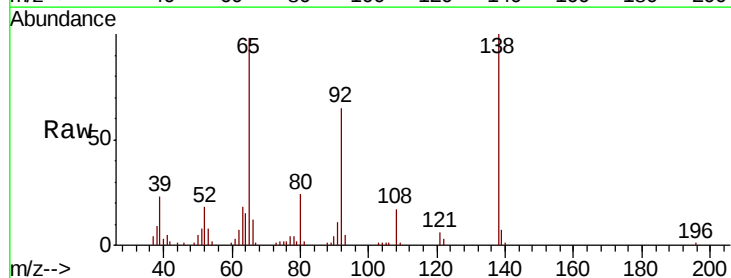


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

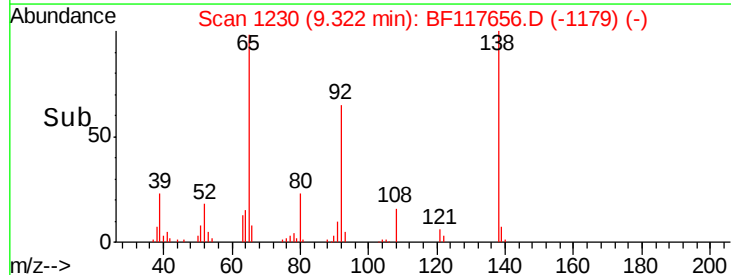
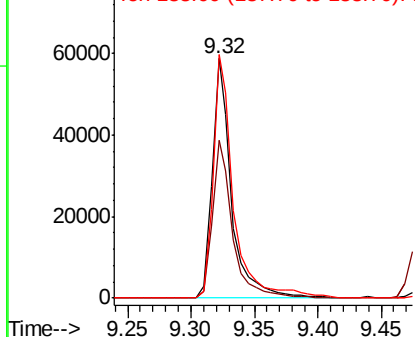


#48
 2-Nitroaniline
 Concen: 38.554 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:	65	Resp:	63009
Ion	Ratio	Lower	Upper
65	100		
92	66.0	57.3	85.9
138	101.7	93.3	139.9



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: 39.284 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

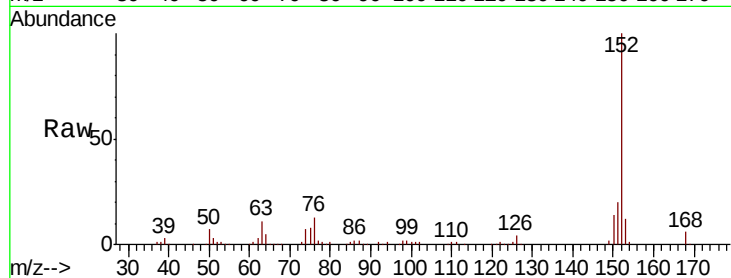
Tot Ion:152 Resp: 287260

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0

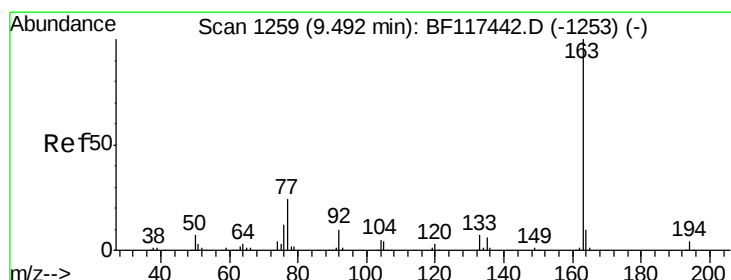
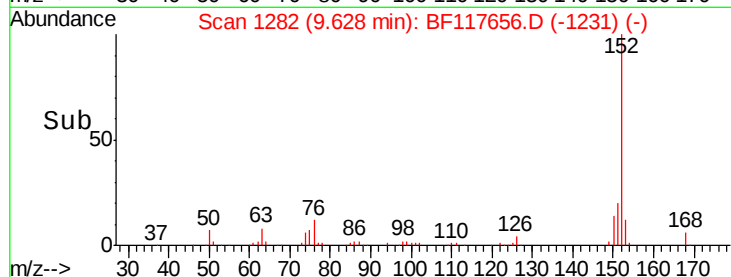
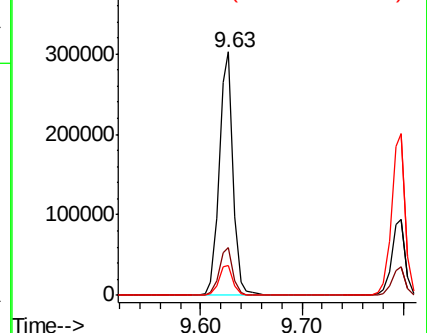
153 12.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.103 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

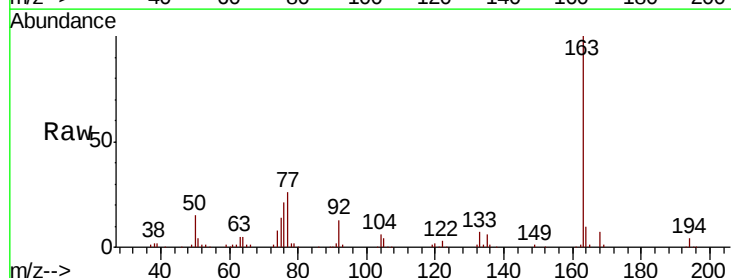
Tgt Ion:163 Resp: 205271

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

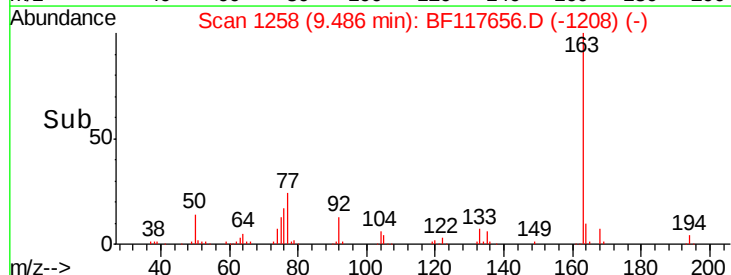
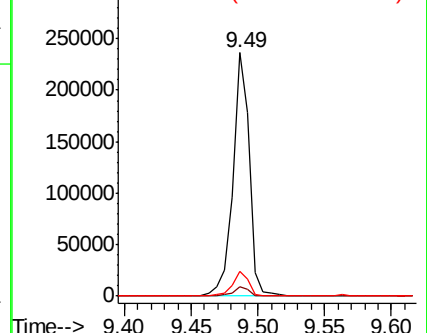
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

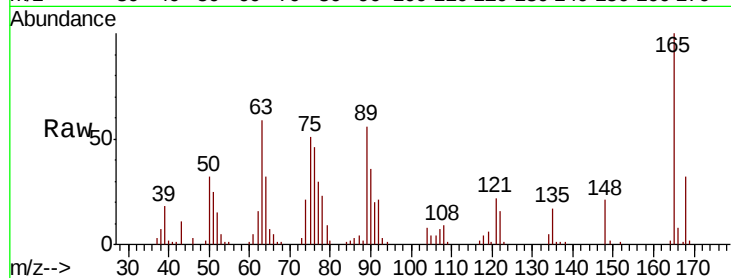




#51
2,6-Dinitrotoluene
Concen: 39.255 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	43.8	65.8
89	55.8	47.6	71.4

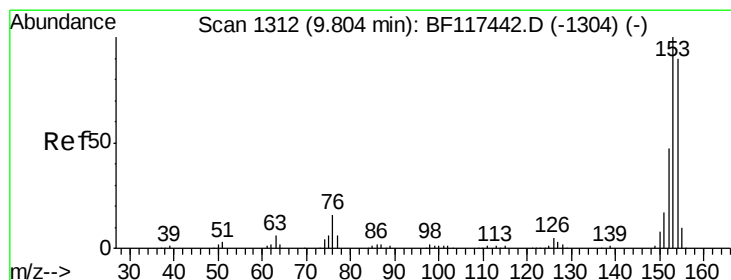
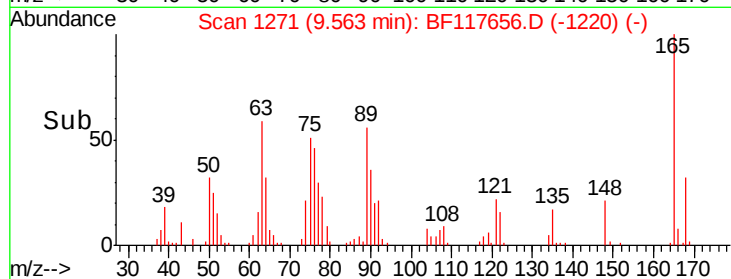
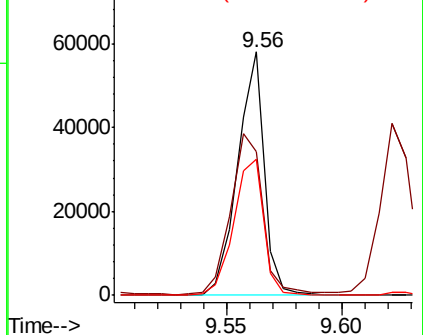


Abundance

Ion 165.00 (164.70 to 165.70): E

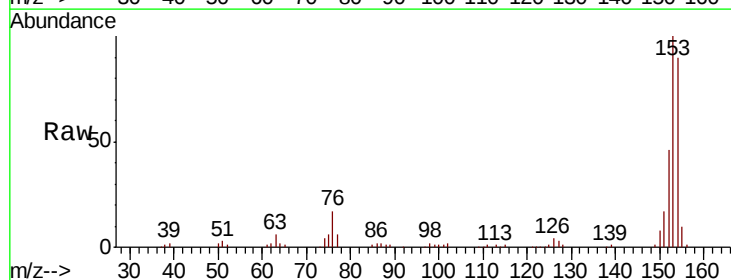
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.639 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.2	133.8
152	51.8	41.8	62.6

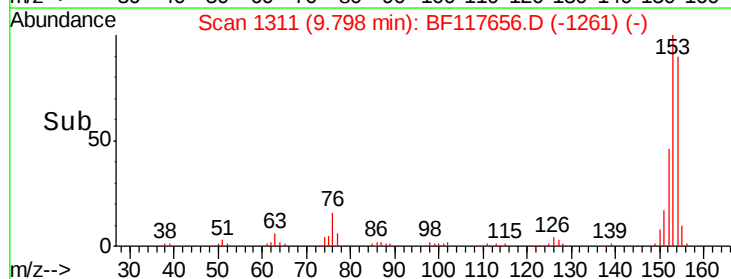
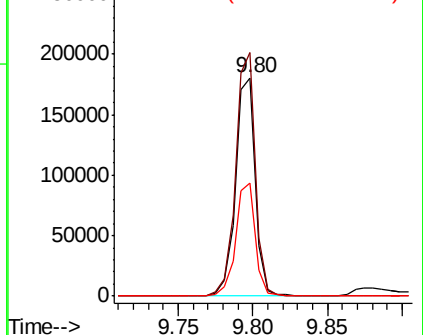


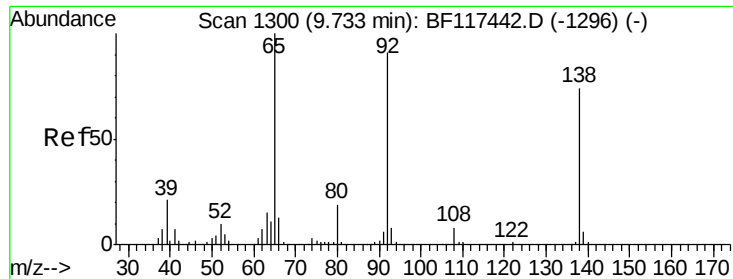
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

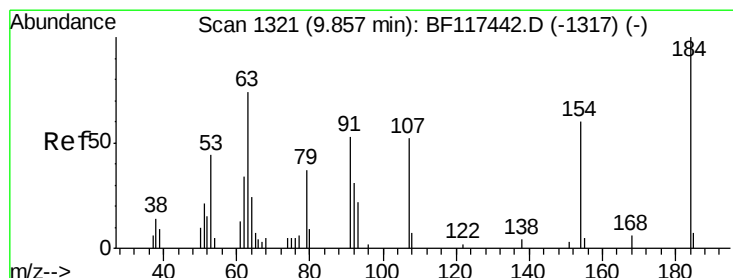
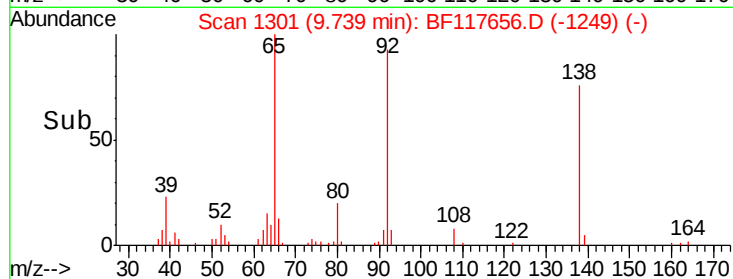
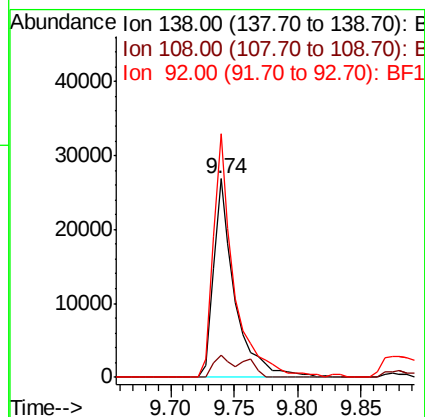
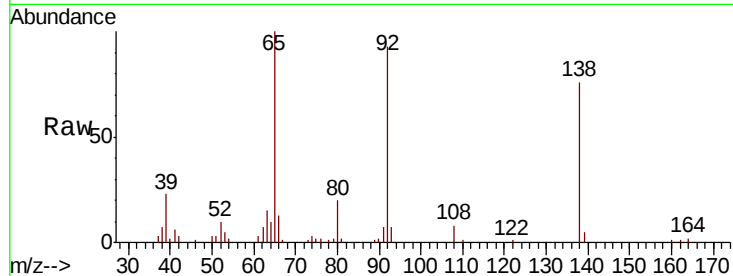




#53
3-Nitroaniline
Concen: 21.902 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

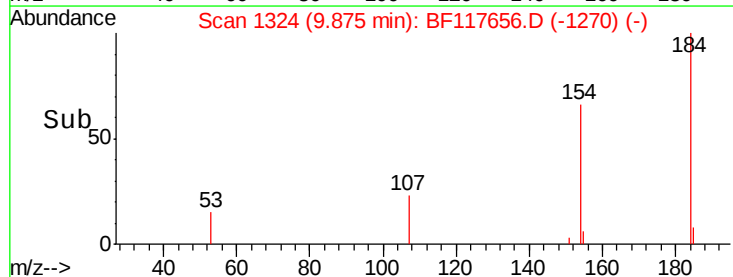
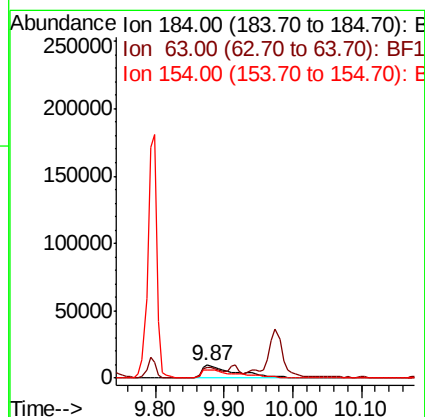
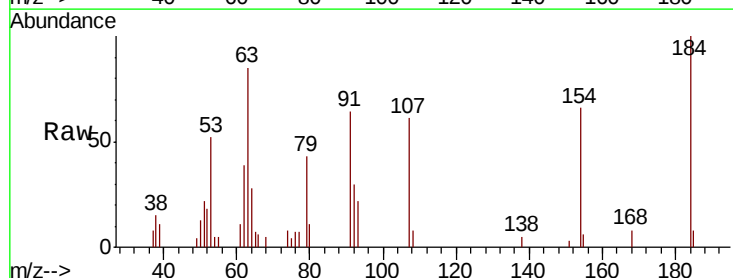
Instrument :
BNA_F
ClientSampleId :

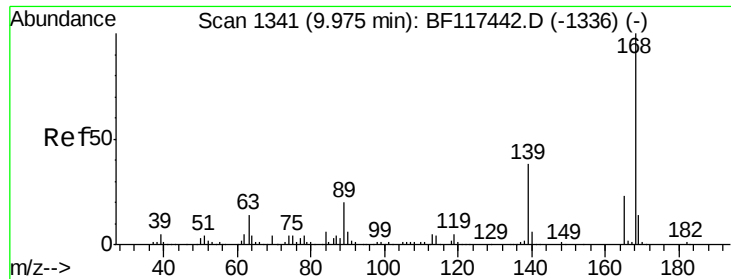
Tot Ion:138 Resp: 31529
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 122.6 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 70.363 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:184 Resp: 34255
Ion Ratio Lower Upper
184 100
63 84.8 59.2 88.8
154 66.2 53.4 80.0

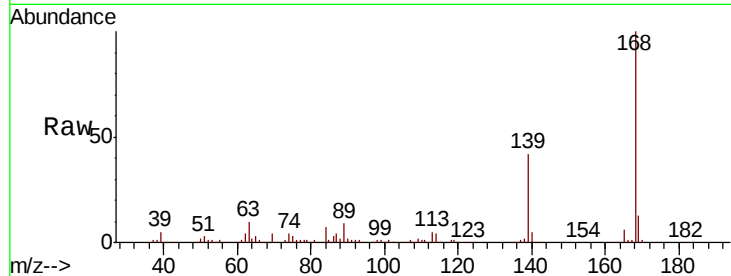




#55
Dibenzenofuran
Concen: 39.041 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.8	47.6
169	12.9	11.2	16.8

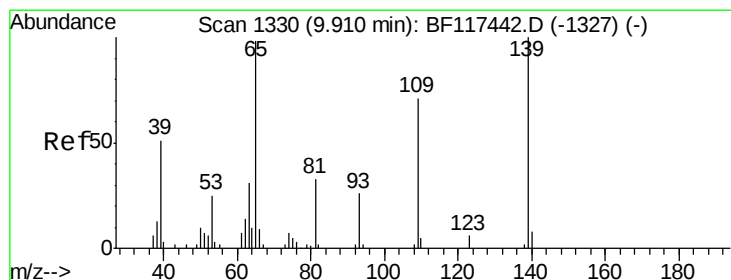
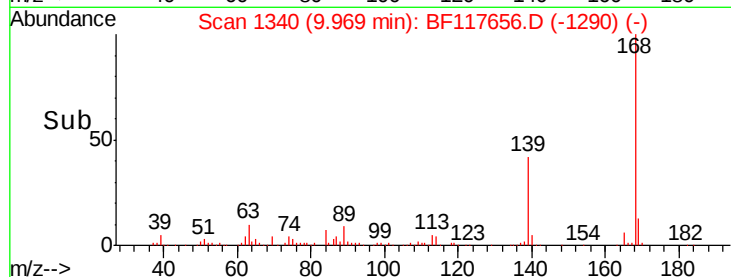
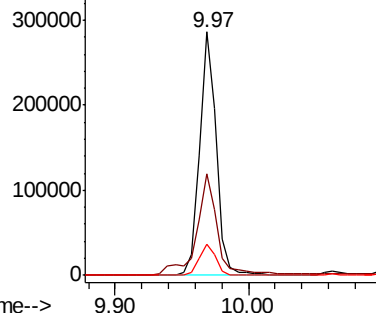


Abundance

Ion 168.00 (167.70 to 168.70): E

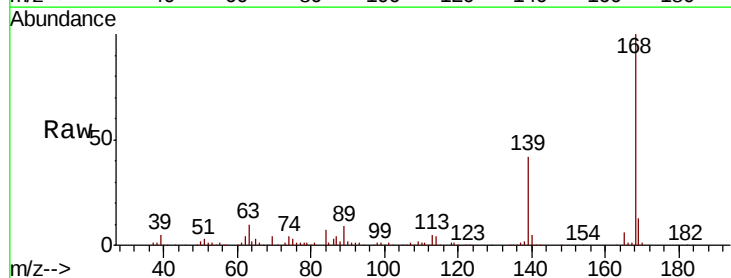
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 201.431 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.3	51.4	91.4#
65	7.8	79.4	119.4#

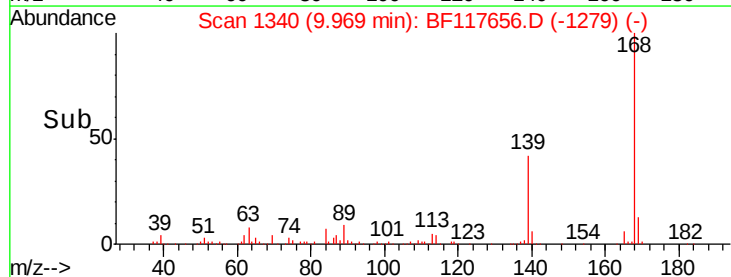
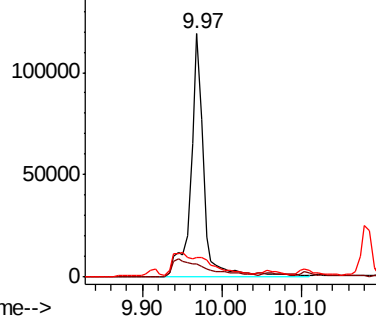


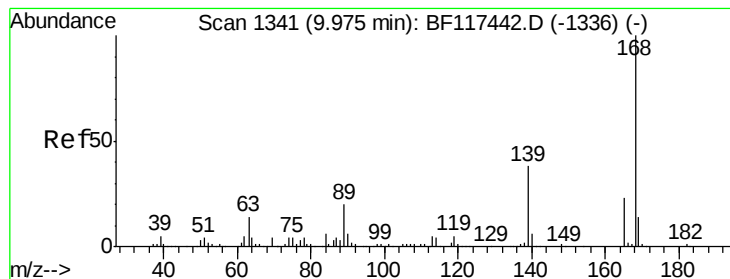
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

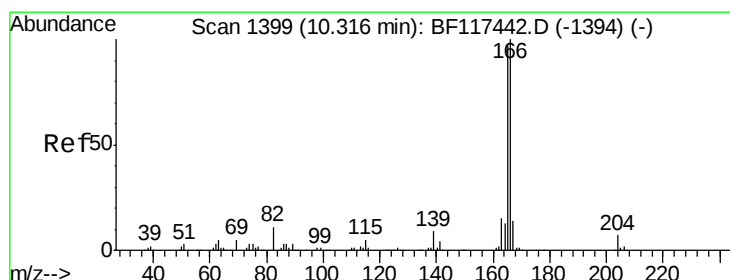
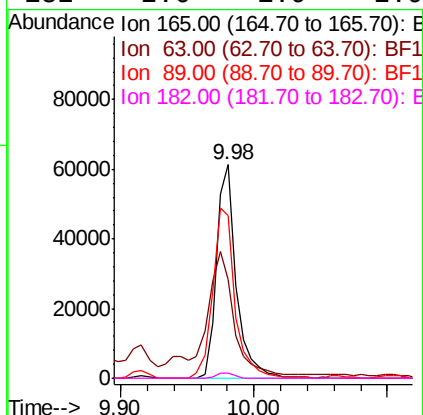
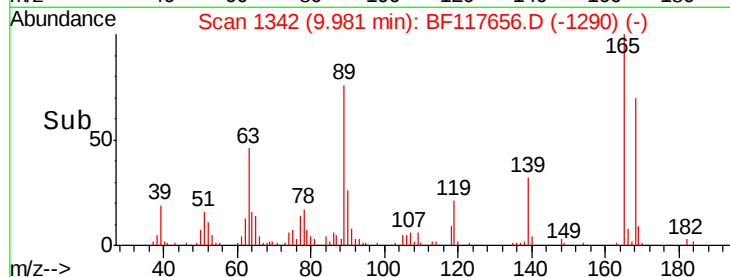
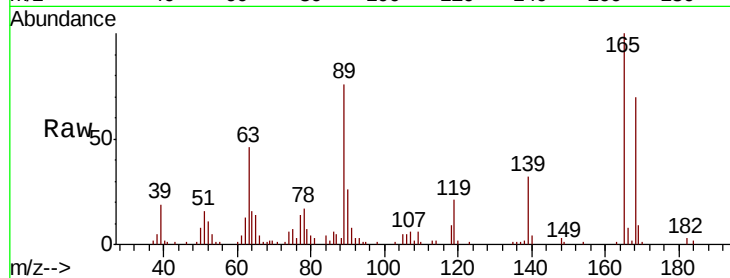




#57
 2,4-Dinitrotoluene
 Concen: 40.718 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

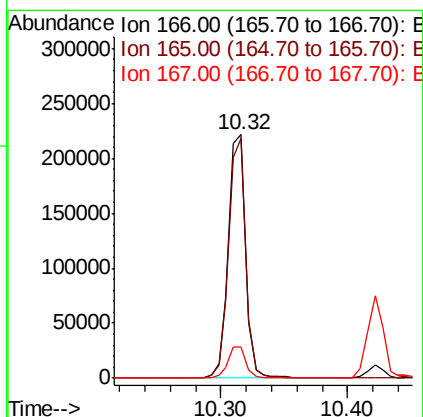
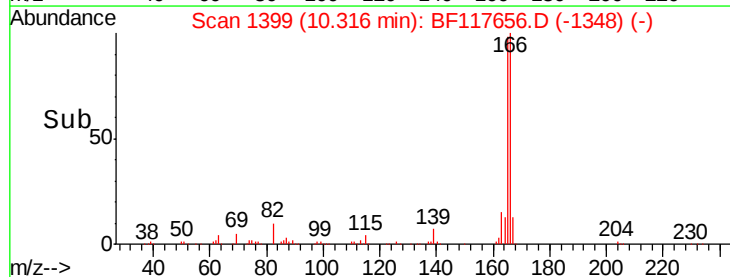
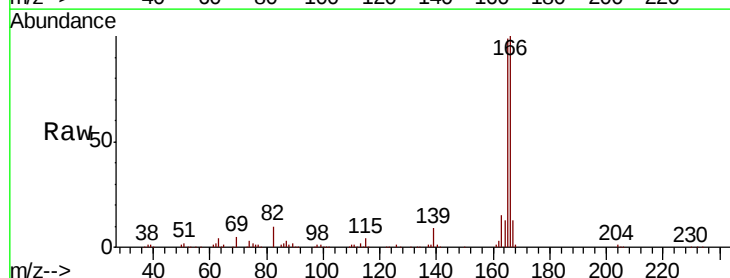
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 64230
 Ion Ratio Lower Upper
 165 100
 63 46.5 51.4 77.0#
 89 76.3 69.9 104.9
 182 2.6 1.9 2.9



#58
 Fluorene
 Concen: 38.763 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:166 Resp: 208357
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.6 116.4
 167 12.8 11.0 16.4

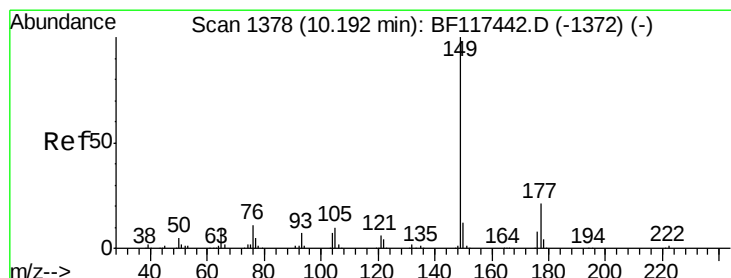
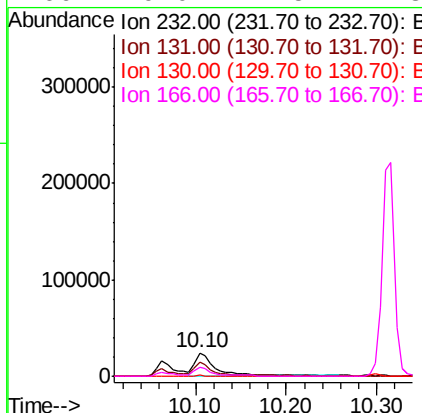
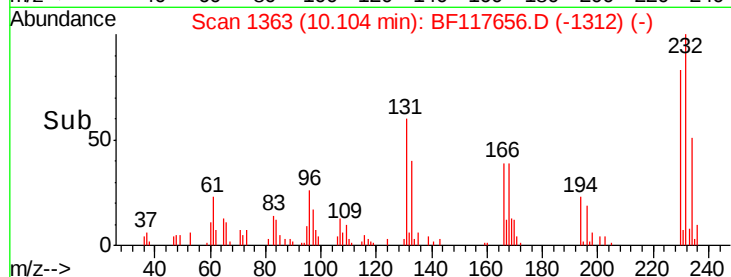
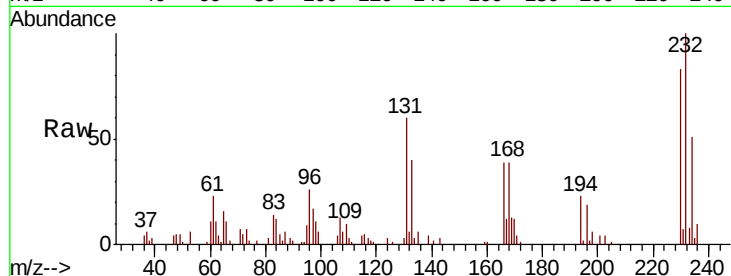




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.518 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

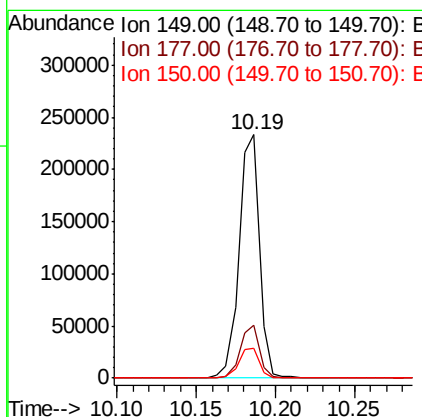
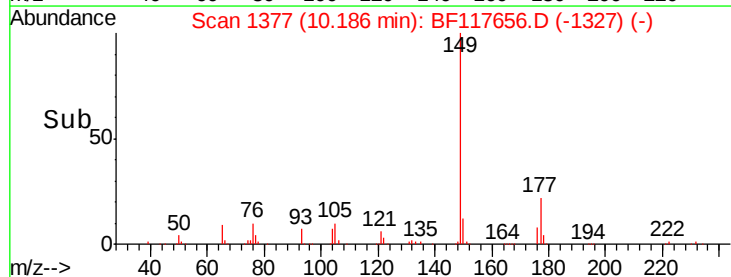
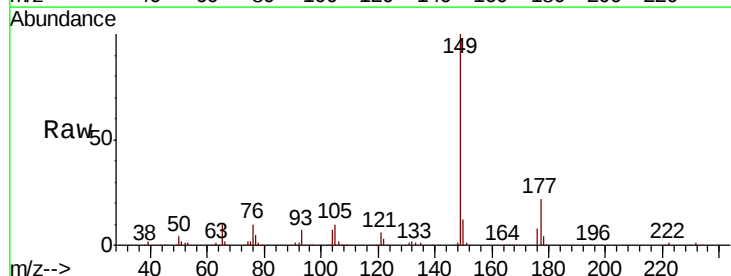
Instrument :
 BNA_F
 ClientSampleId :

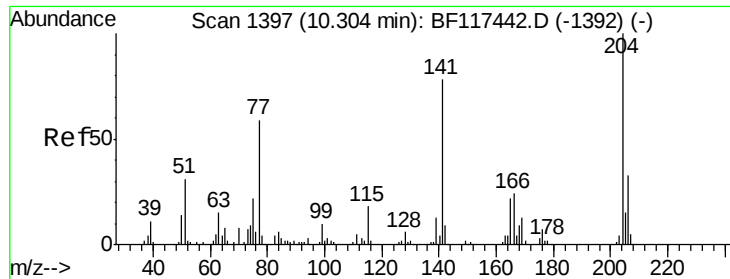
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	42.6	63.8
130	2.2	2.2	3.4
166	29.0	27.5	41.3



#60
 Diethylphthalate
 Concen: 36.332 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.4
150	12.1	9.8	14.6

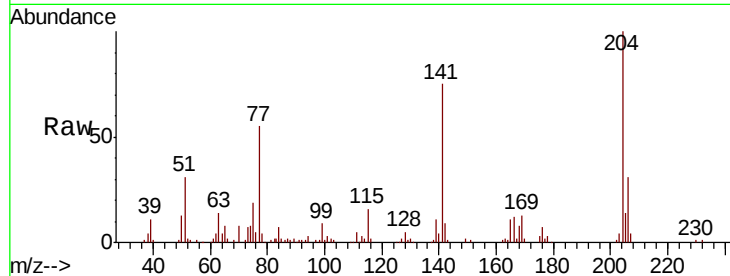




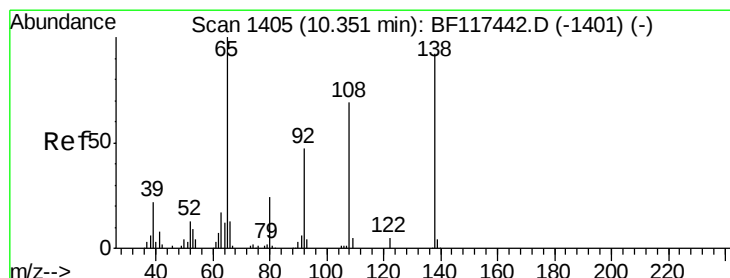
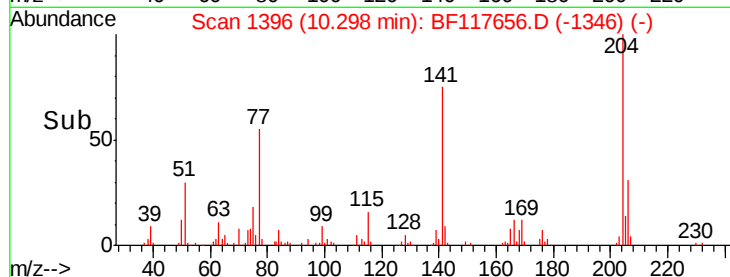
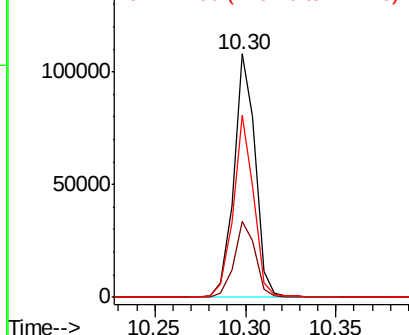
#61
4-Chlorophenyl-phenylether
Concen: 36.836 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 88832
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 75.0 62.2 93.4

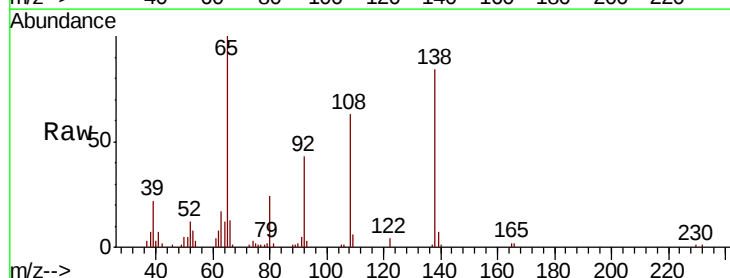


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

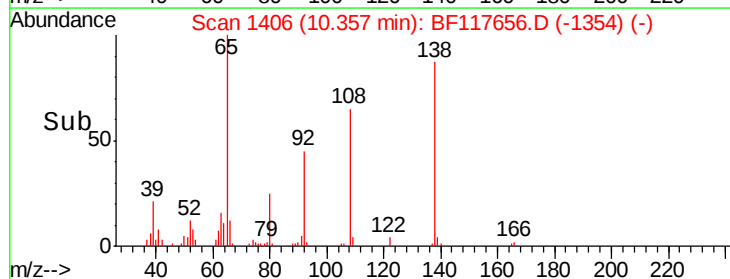
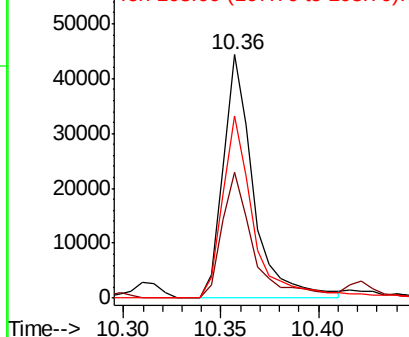


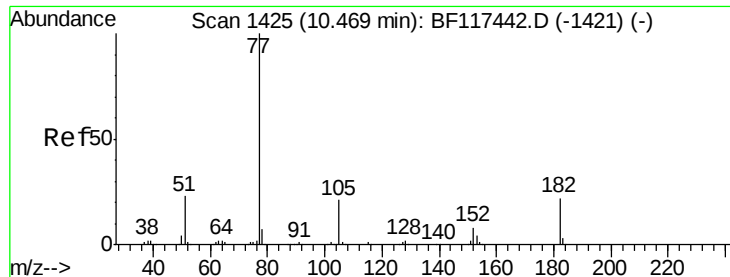
#62
4-Nitroaniline
Concen: 35.149 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:138 Resp: 47694
Ion Ratio Lower Upper
138 100
92 51.9 30.3 70.3
108 75.0 54.9 94.9



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

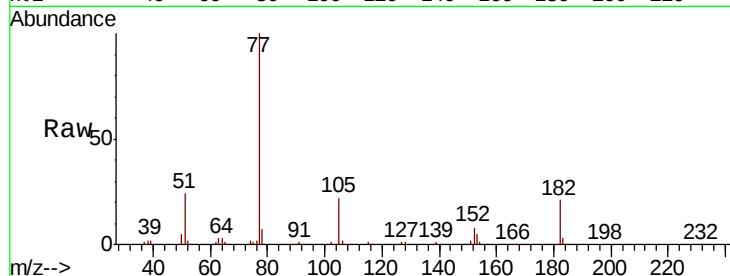




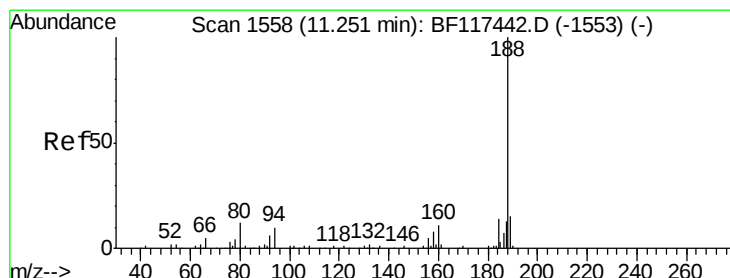
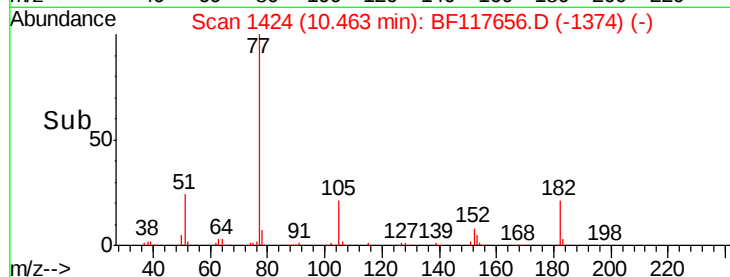
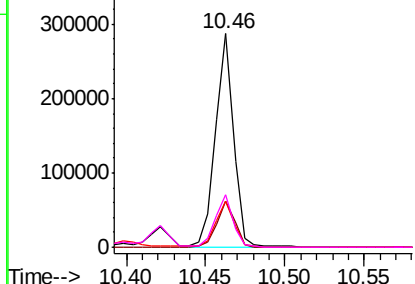
#63
Azobenzene
Concen: 38.619 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	227354
Ion	Ratio	Lower	Upper
77	100		
182	21.4	2.3	42.3
105	21.8	1.3	41.3
51	24.4	3.5	43.5

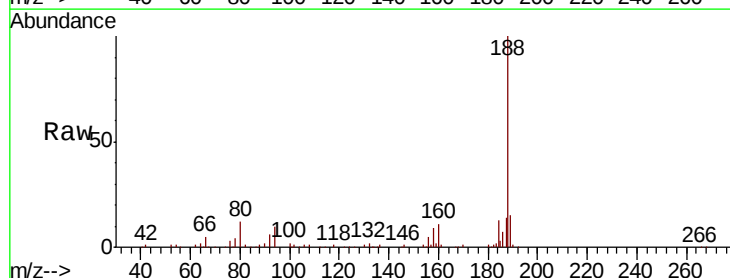


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

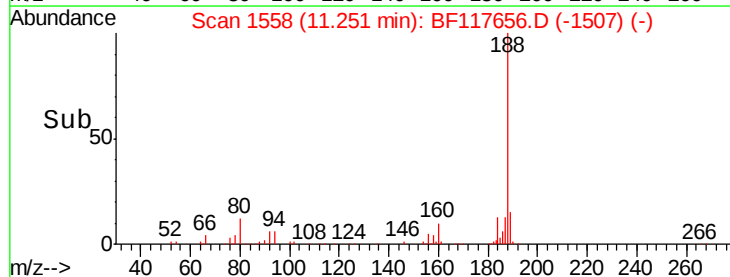
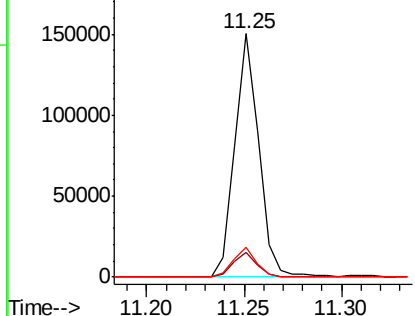


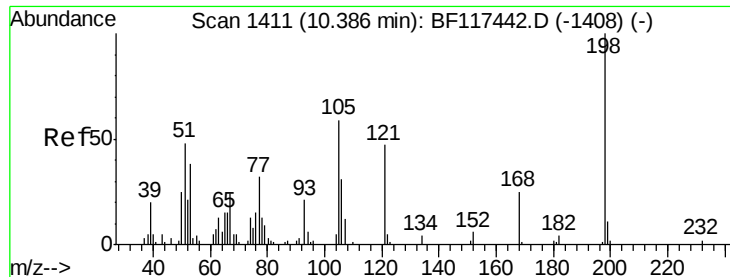
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:	188	Resp:	128636
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	12.1	9.5	14.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 35.056 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

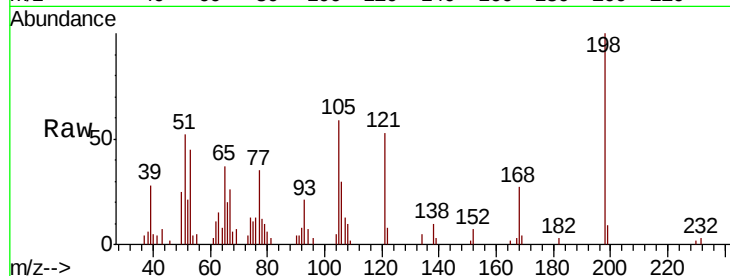
Tot Ion:198 Resp: 22927

Ion Ratio Lower Upper

198 100

51 51.5 29.1 69.1

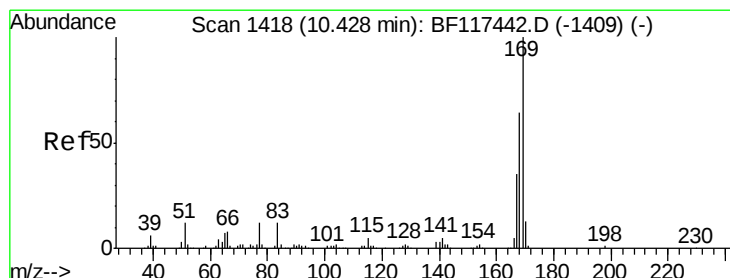
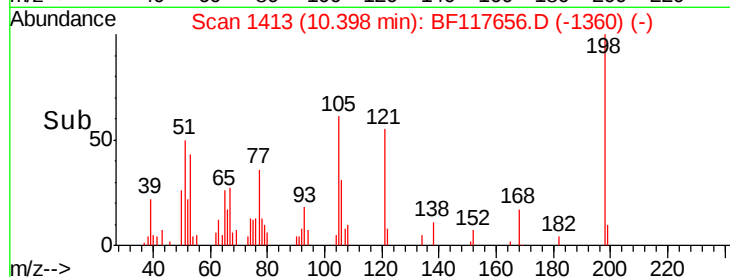
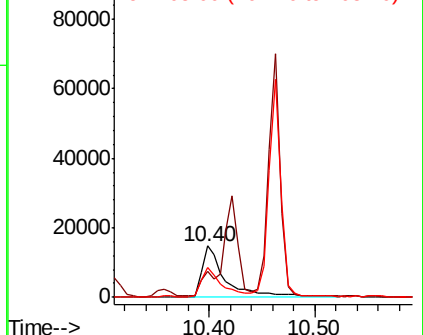
105 59.3 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.772 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

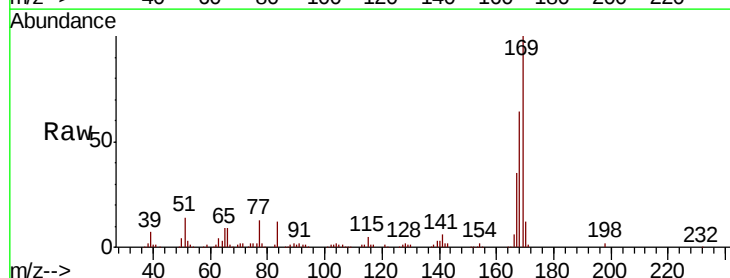
Tgt Ion:169 Resp: 182333

Ion Ratio Lower Upper

169 100

168 64.4 51.3 76.9

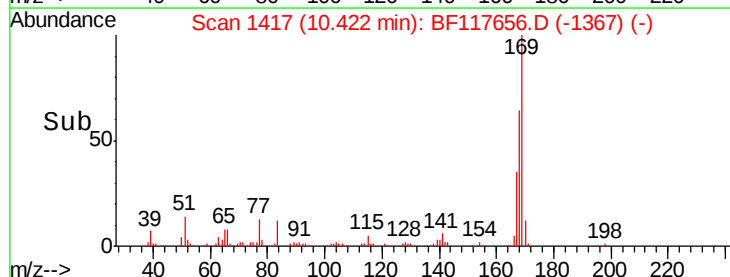
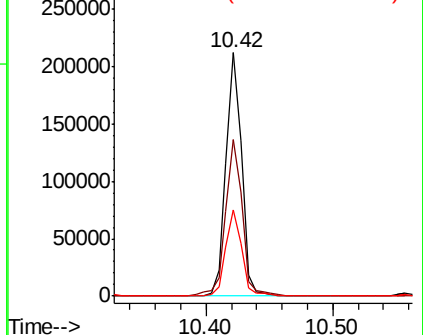
167 35.2 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



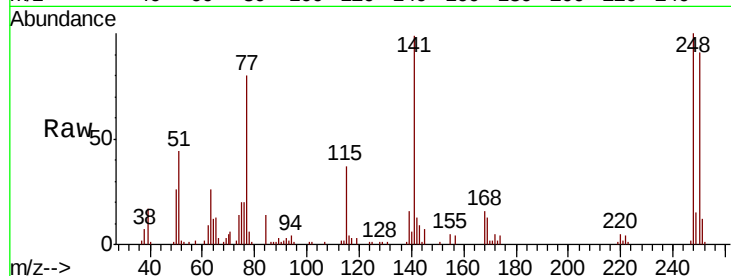


#67
 4-Bromophenyl-phenylether
 Concen: 35.648 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

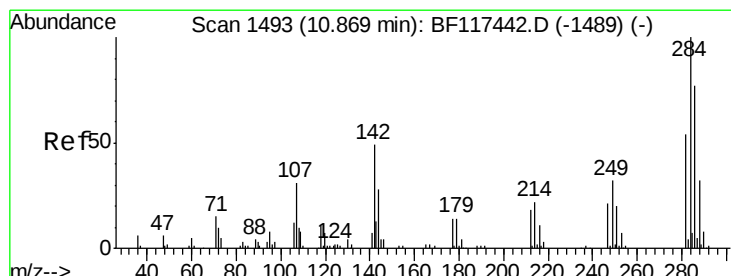
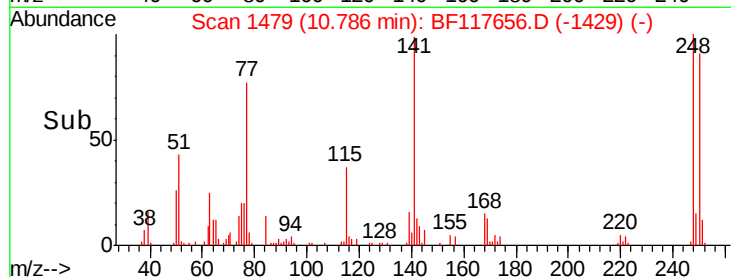
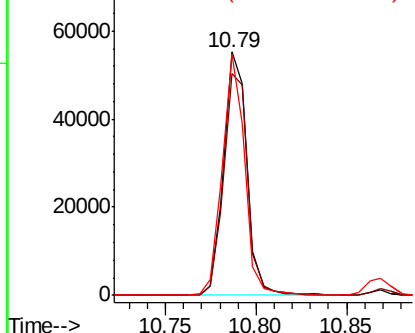
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 49393

Ion	Ratio	Lower	Upper
248	100		
250	91.1	78.0	117.0
141	99.2	81.7	122.5



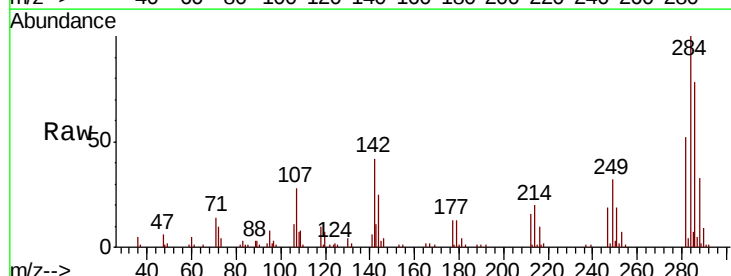
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



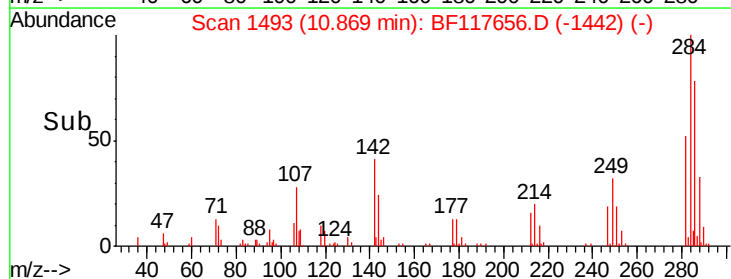
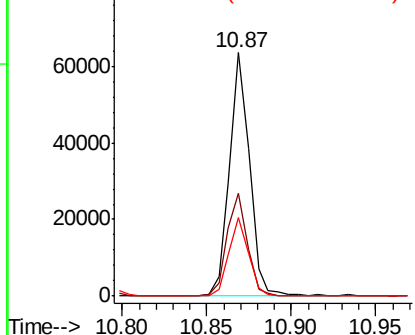
#68
 Hexachlorobenzene
 Concen: 35.269 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

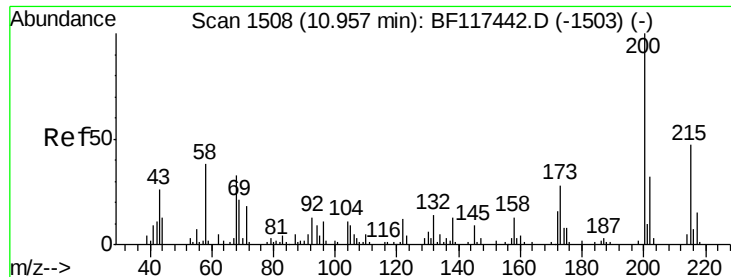
Tgt Ion:284 Resp: 52335

Ion	Ratio	Lower	Upper
284	100		
142	42.2	39.0	58.6
249	32.2	25.7	38.5



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





#69

Atrazine

Concen: 46.096 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

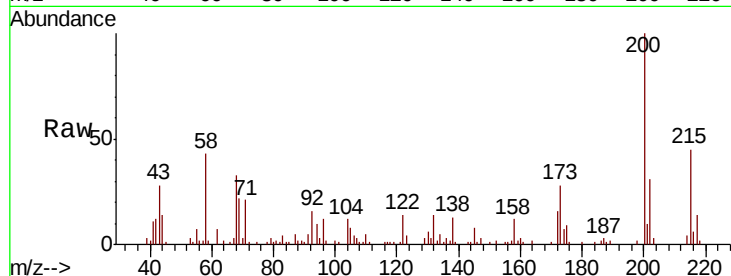
Tot Ion:200 Resp: 55153

Ion Ratio Lower Upper

200 100

173 27.8 8.2 48.2

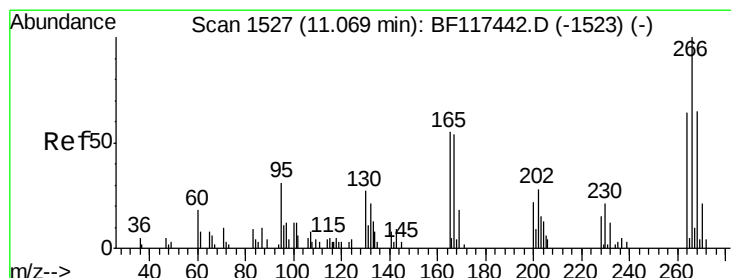
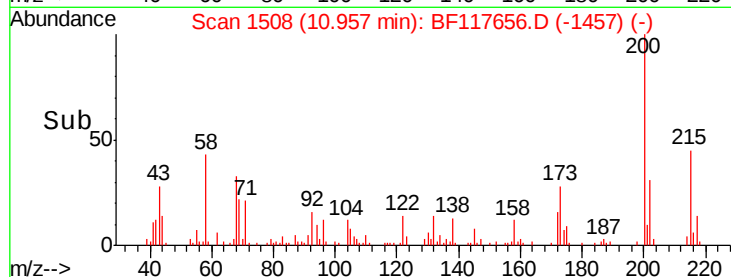
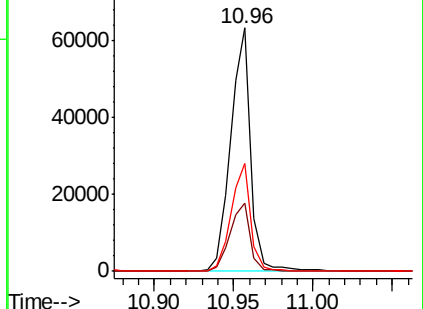
215 44.5 26.8 66.8



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: 33.413 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

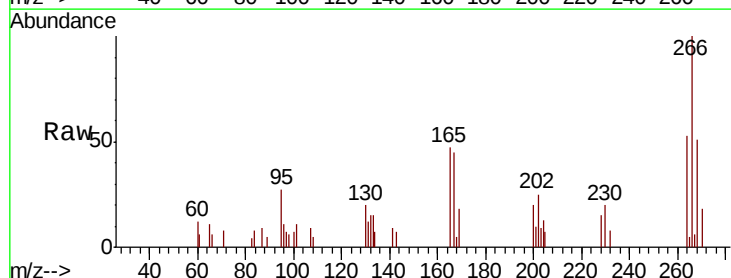
Tgt Ion:266 Resp: 14863

Ion Ratio Lower Upper

266 100

268 51.4 51.6 77.4#

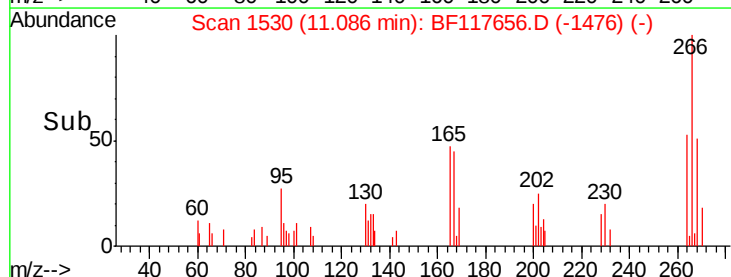
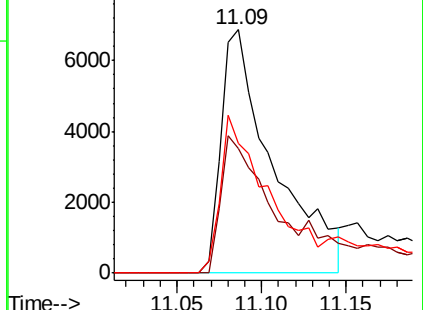
264 58.6 51.4 77.2

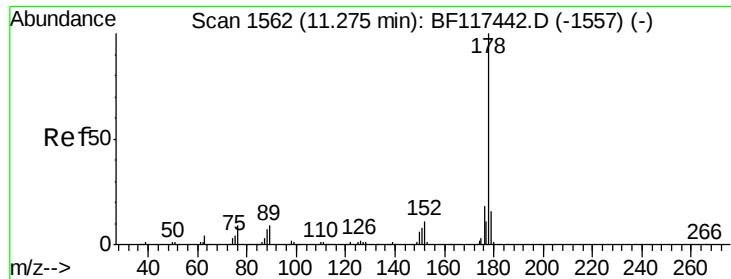


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

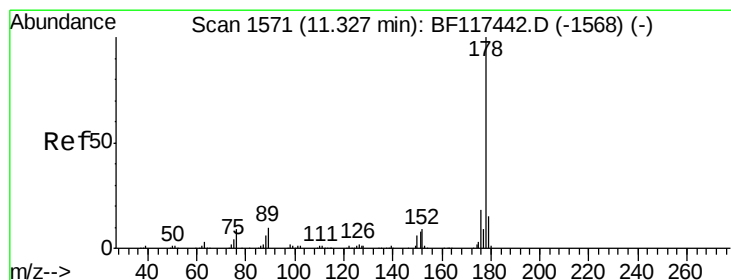
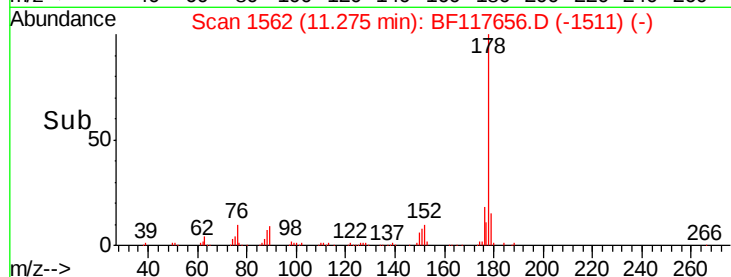
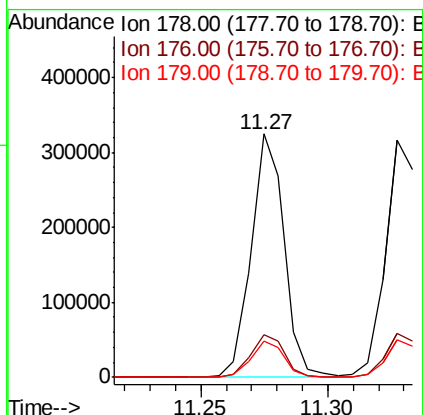
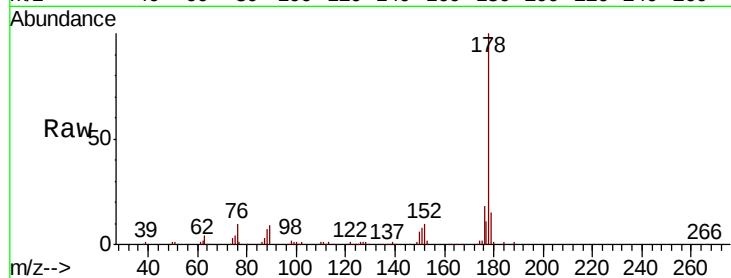




#71
Phenanthrene
Concen: 39.521 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

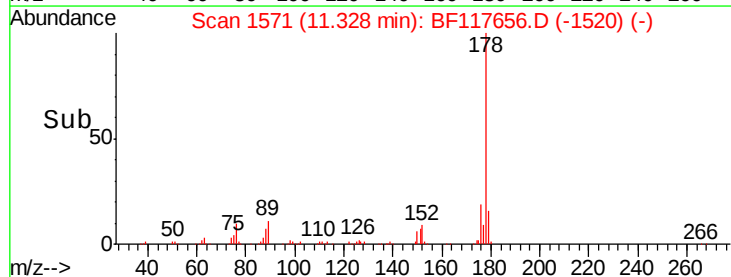
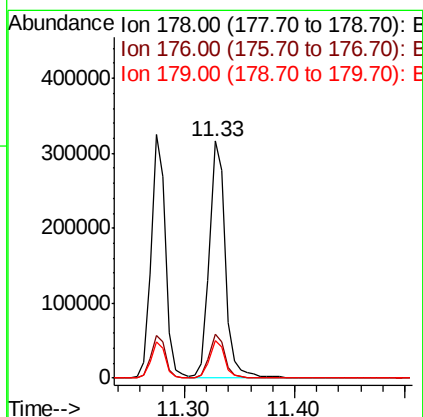
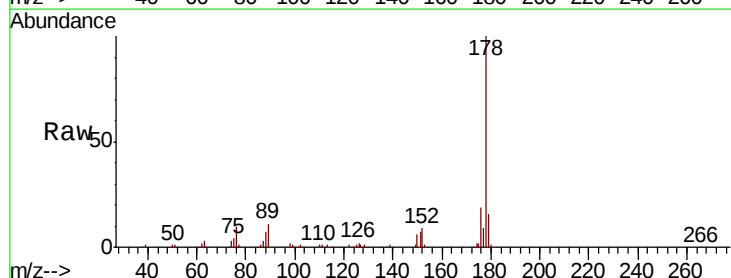
Instrument :
BNA_F
ClientSampleId :

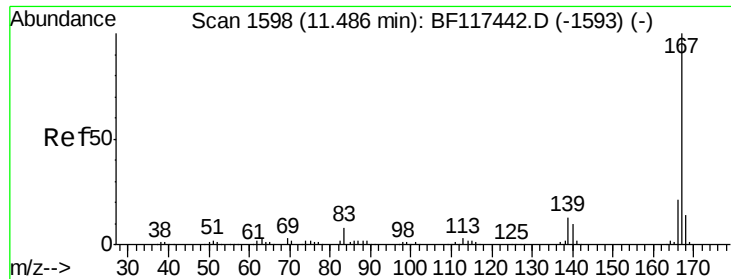
Tot Ion:178 Resp: 295196
Ion Ratio Lower Upper
178 100
176 17.7 14.6 22.0
179 15.0 12.6 19.0



#72
Anthracene
Concen: 40.642 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:178 Resp: 311480
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.7 12.2 18.2

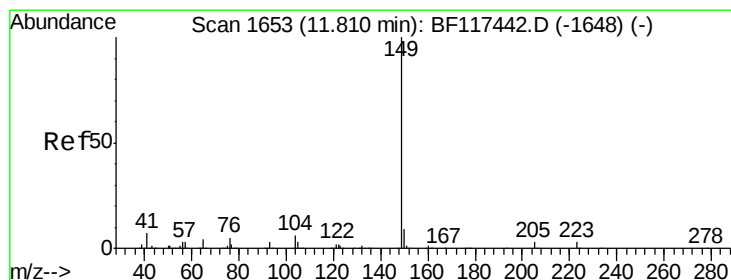
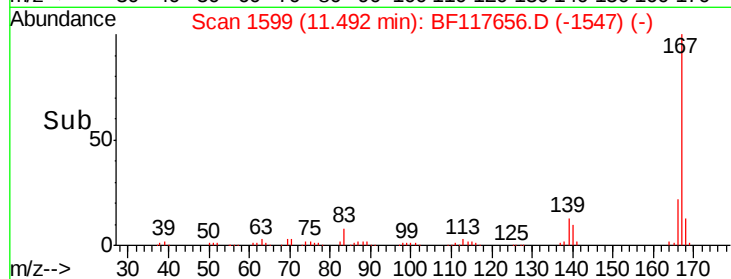
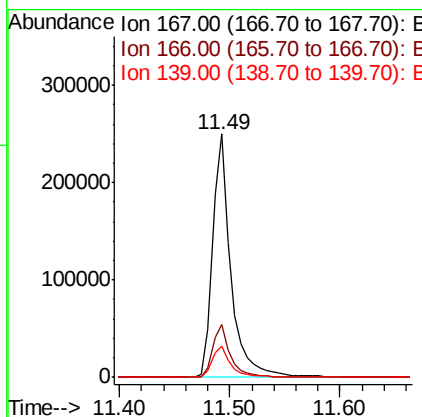
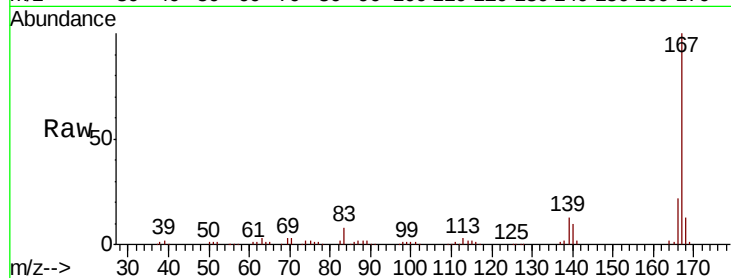




#73
 Carbazole
 Concen: 40.268 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

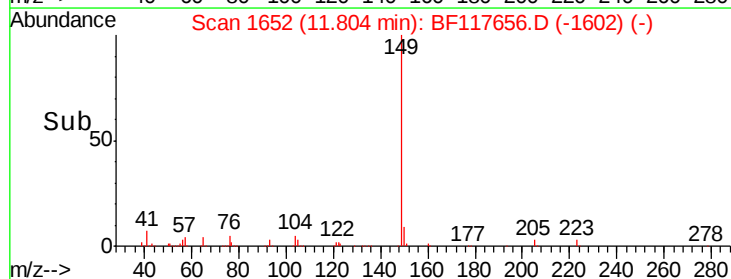
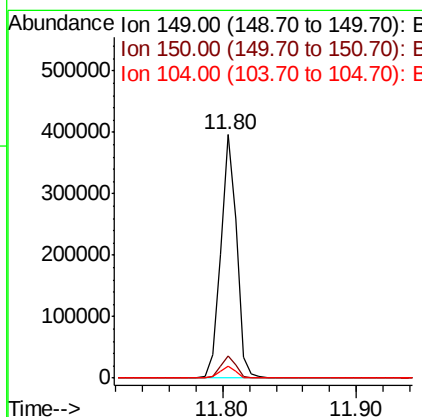
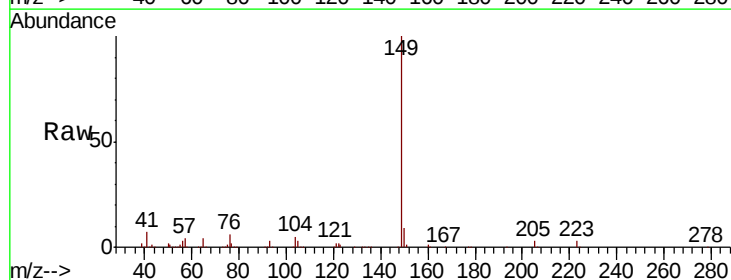
Instrument :
 BNA_F
 ClientSampleId :

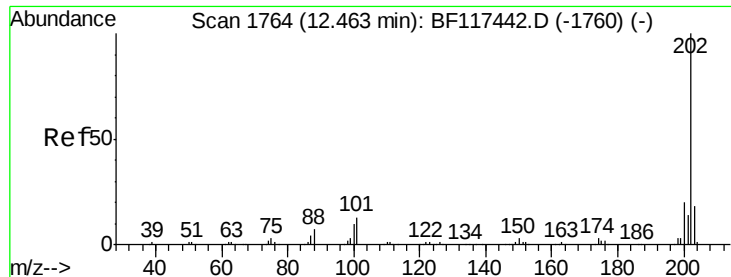
Tot Ion:167 Resp: 282039
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 35.632 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:149 Resp: 333463
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.1 4.6 6.8

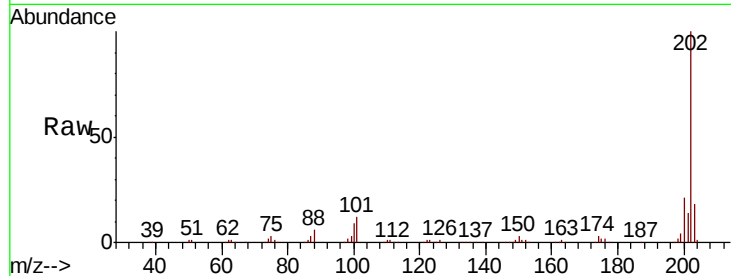




#75
 Fluoranthene
 Concen: 39.163 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.7
203	17.6	0.0	37.6

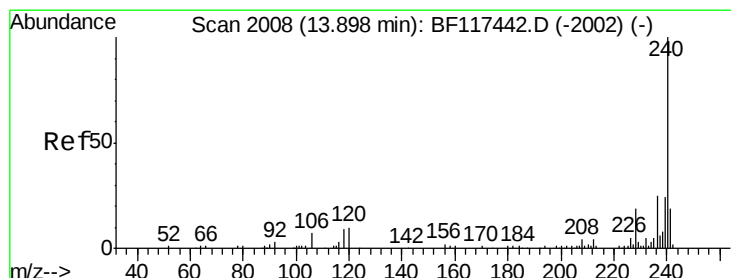
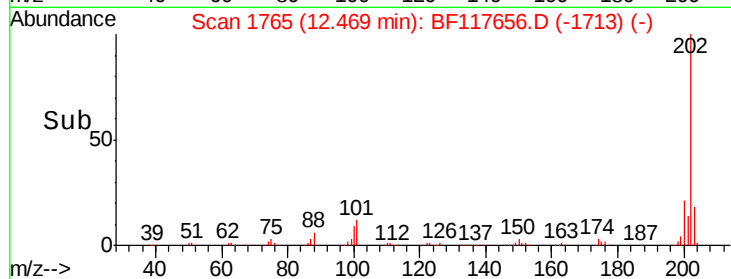
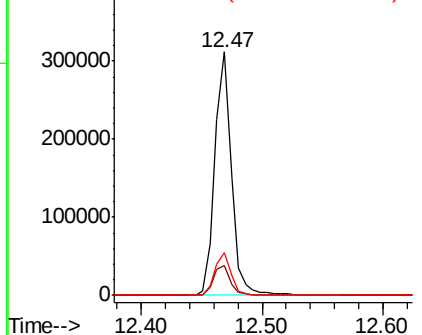


Abundance

Ion 202.00 (201.70 to 202.70): E

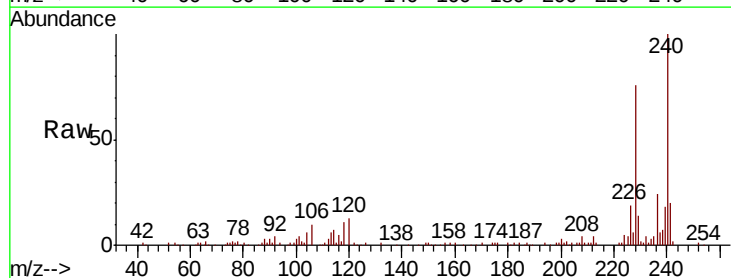
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.4	12.6#
236	24.5	20.0	30.0

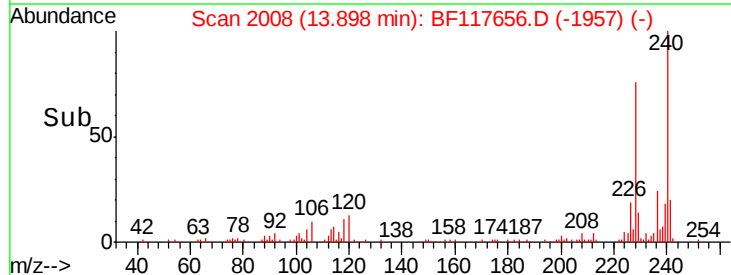
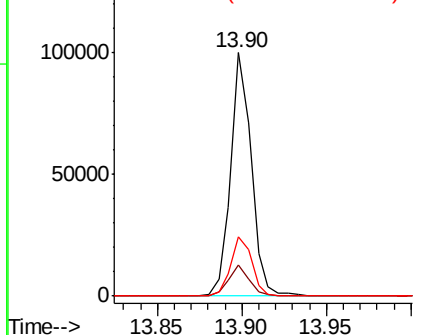


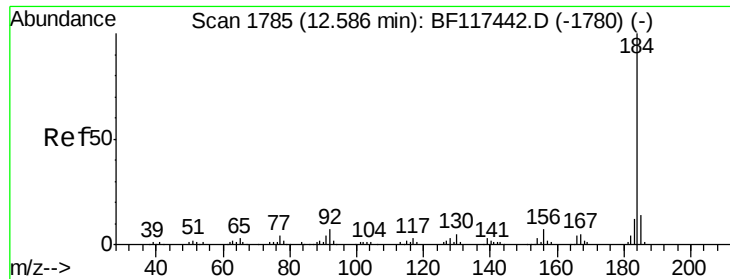
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.753 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

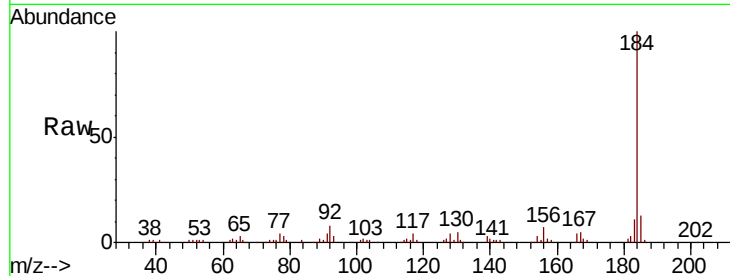
Tot Ion:184 Resp: 114460

Ion Ratio Lower Upper

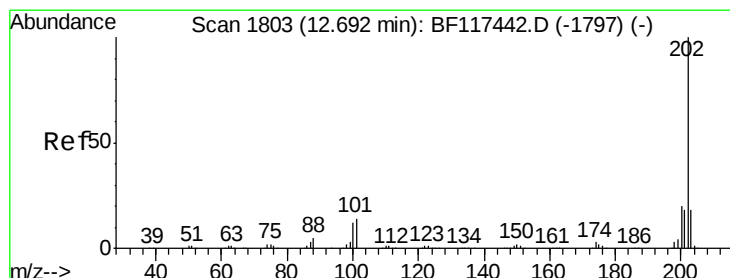
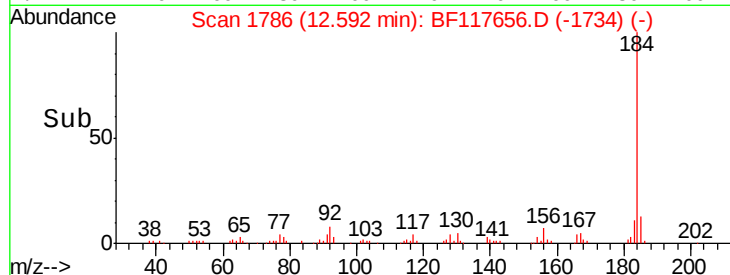
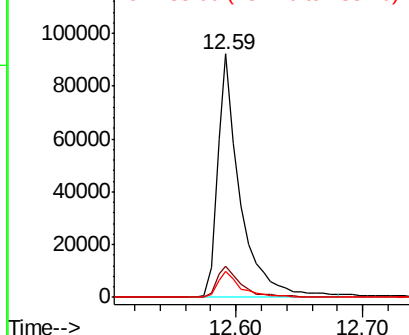
184 100

185 12.9 11.4 17.0

183 10.7 9.6 14.4



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: 40.940 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

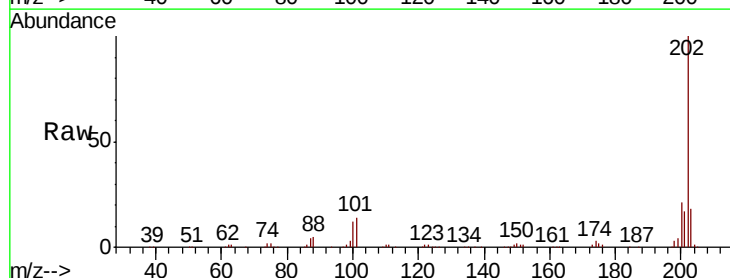
Tgt Ion:202 Resp: 298350

Ion Ratio Lower Upper

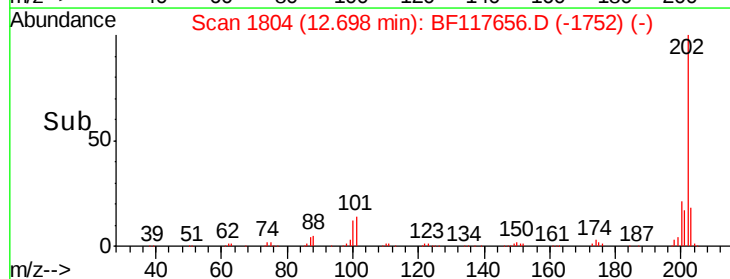
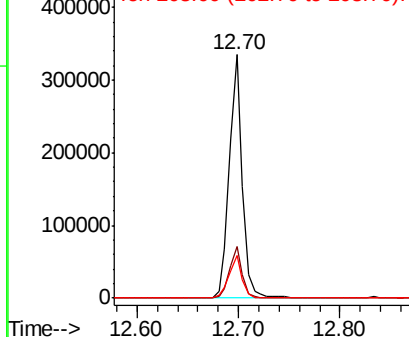
202 100

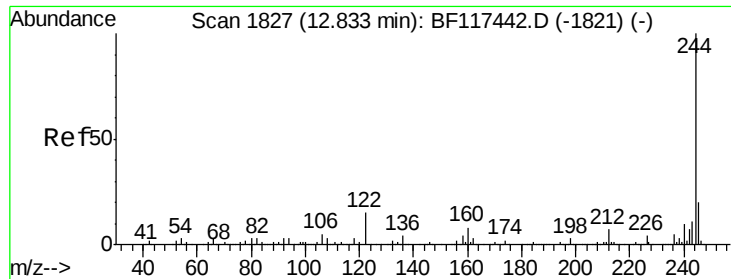
200 21.0 16.2 24.2

203 17.7 14.0 21.0



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

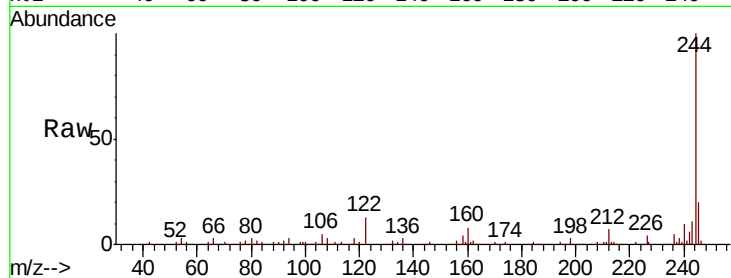




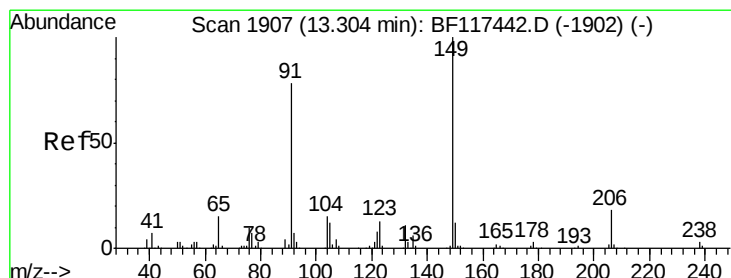
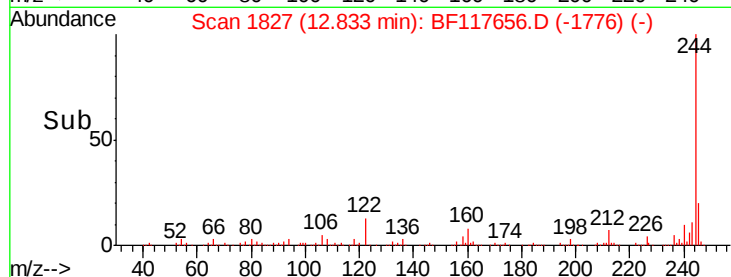
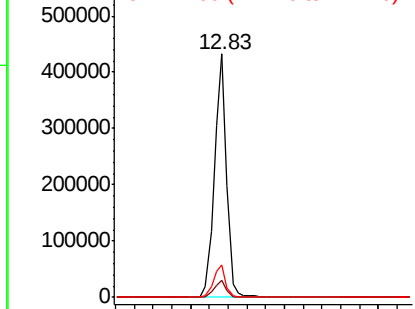
#79
 Terphenyl-d14
 Concen: 76.067 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 395662
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 13.4 11.8 17.8

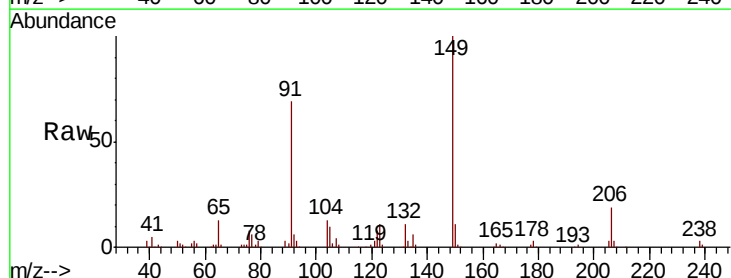


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

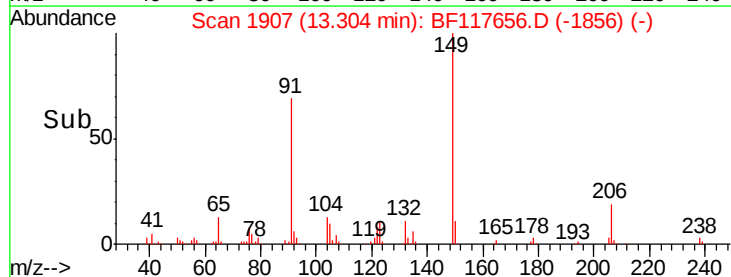
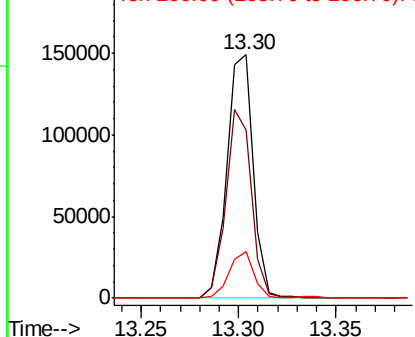


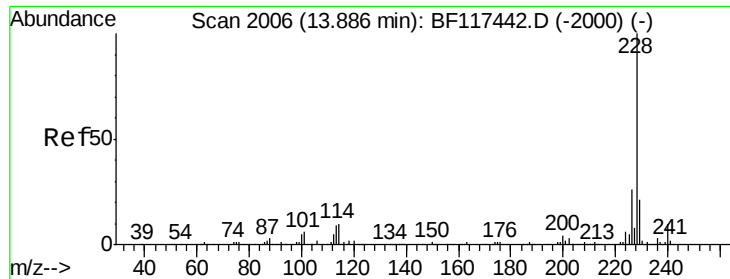
#80
 Butylbenzylphthalate
 Concen: 38.332 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion:149 Resp: 139009
 Ion Ratio Lower Upper
 149 100
 91 69.2 62.1 93.1
 206 19.0 14.3 21.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

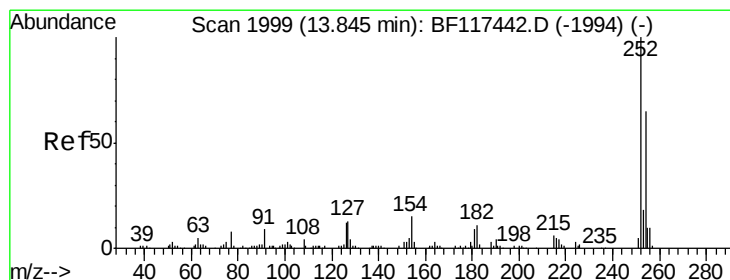
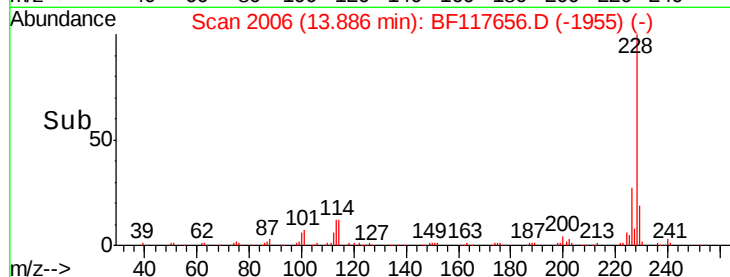
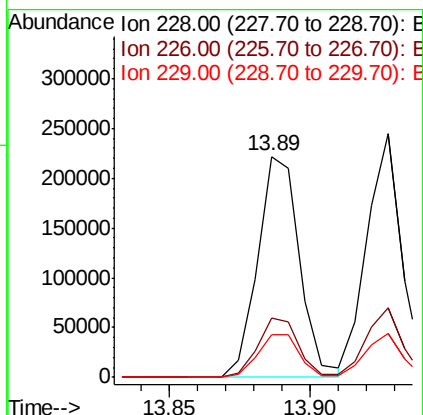
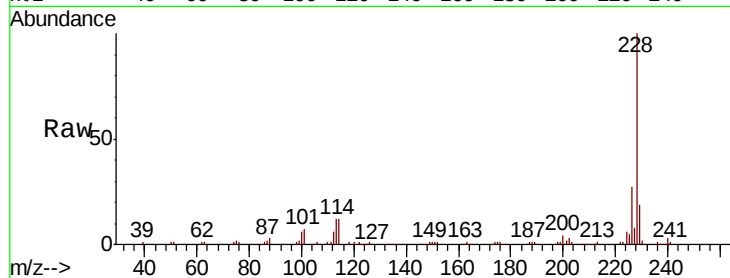




#81
Benzo(a)anthracene
Concen: 39.488 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

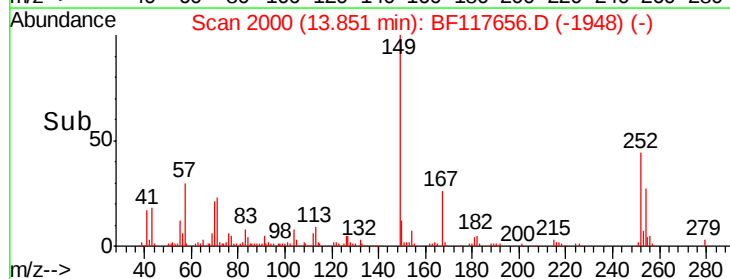
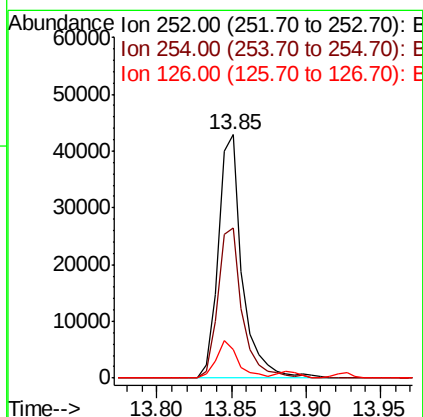
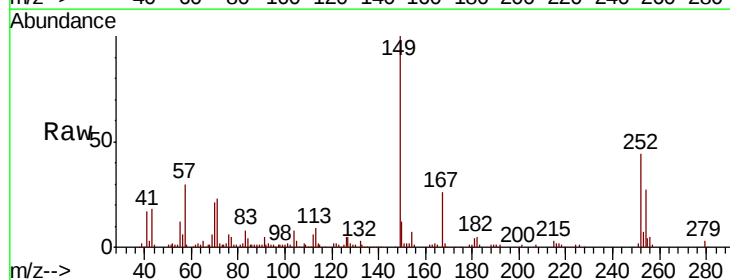
Instrument :
BNA_F
ClientSampleId :

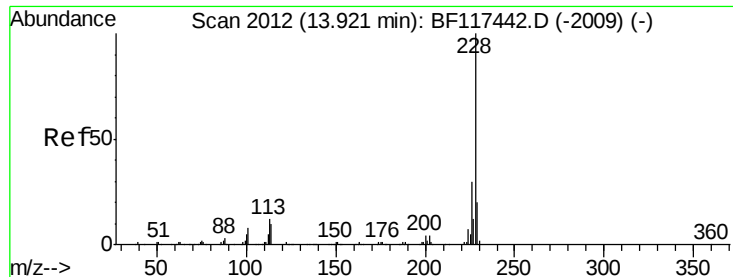
Tot Ion:228 Resp: 225985
Ion Ratio Lower Upper
228 100
226 27.0 21.0 31.4
229 19.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 27.016 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:252 Resp: 48515
Ion Ratio Lower Upper
252 100
254 61.6 52.2 78.4
126 11.9 9.2 13.8

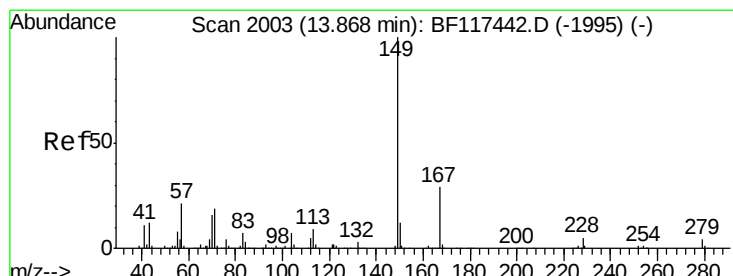
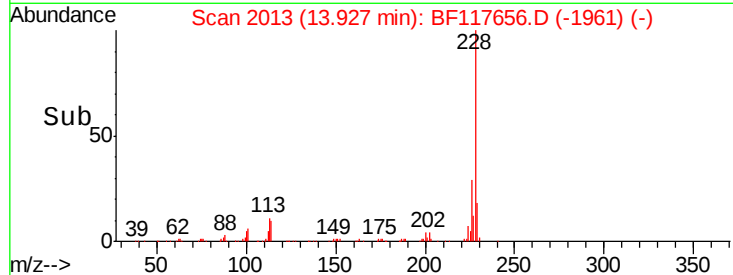
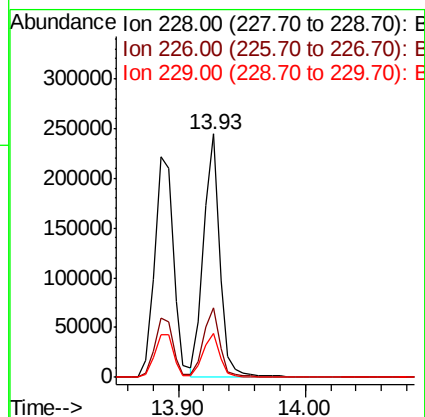
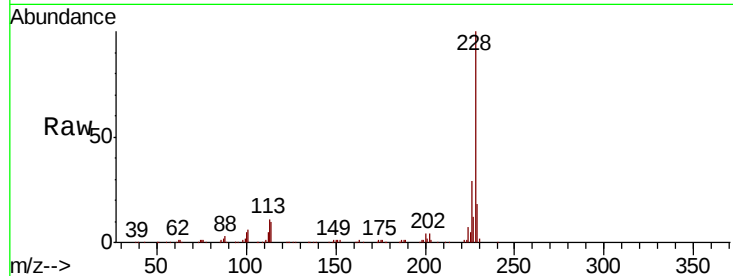




#83
 Chrvsene
 Concen: 38.504 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

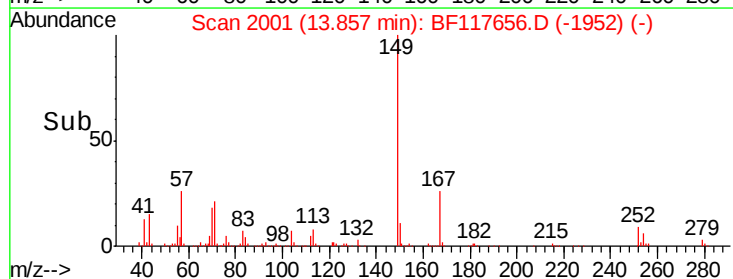
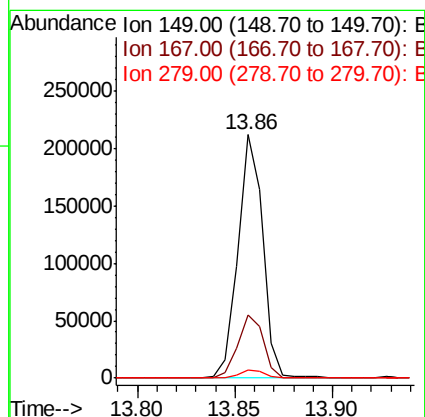
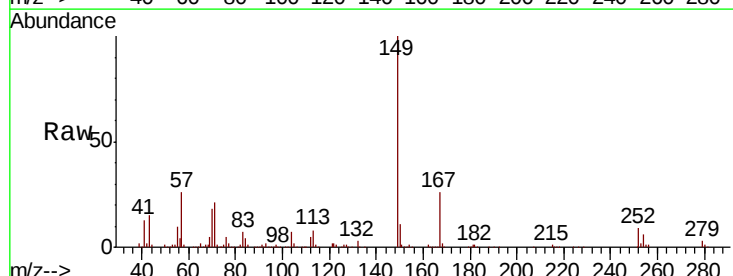
Instrument :
 BNA_F
 ClientSampleId :

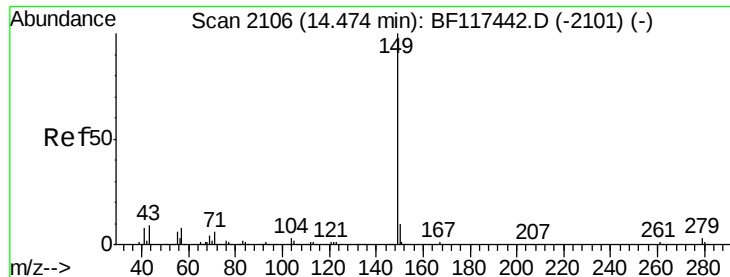
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	18.1	15.8	23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.772 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117656.D
 Acq: 31 Oct 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.3	34.9
279	3.2	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 37.327 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

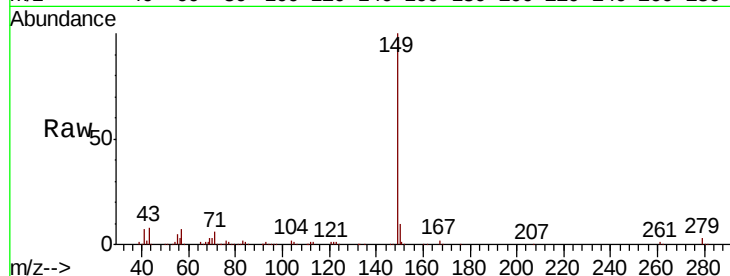
Tot Ion:149 Resp: 291539

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

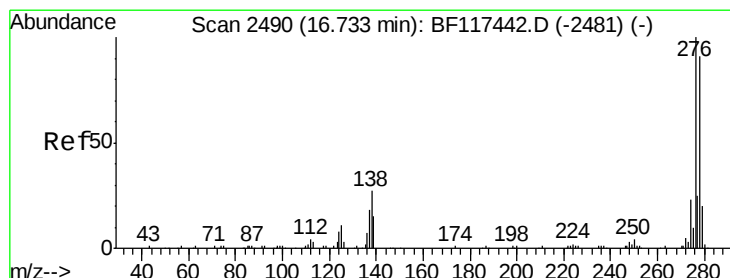
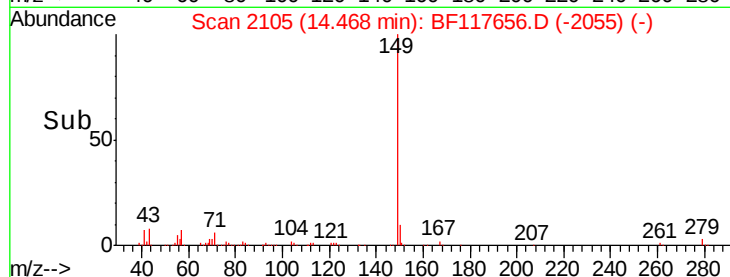
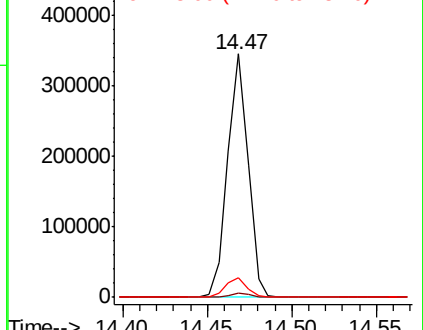
43 8.2 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.033 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.03 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

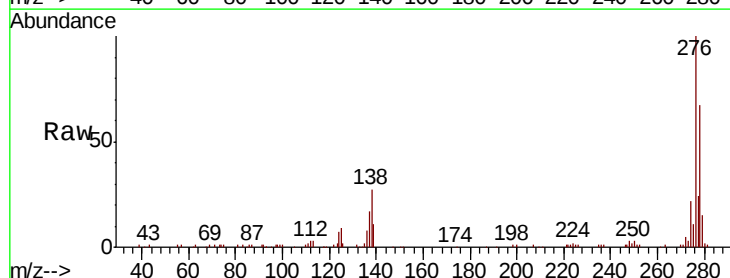
Tgt Ion:276 Resp: 180203

Ion Ratio Lower Upper

276 100

138 29.9 21.8 32.8

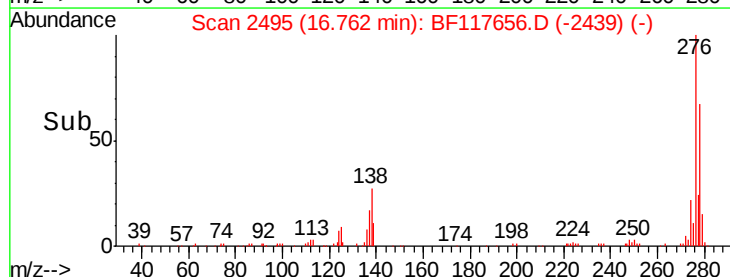
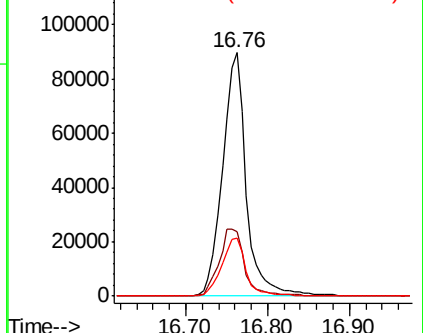
277 24.2 20.0 30.0

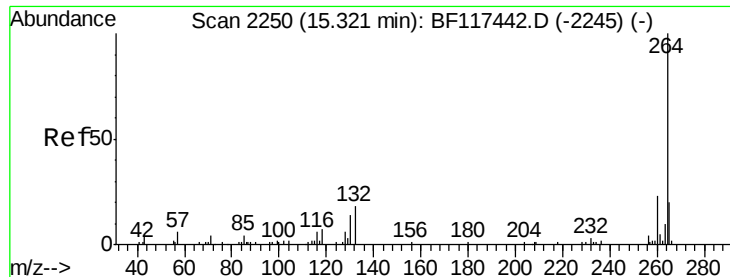


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

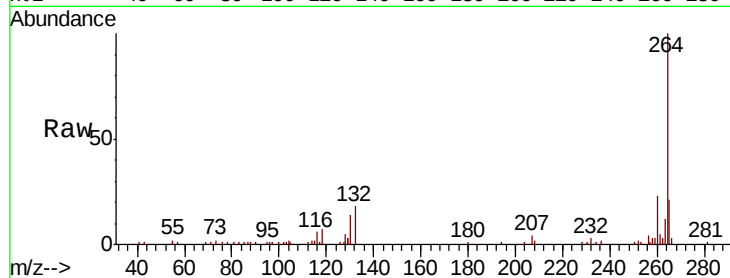




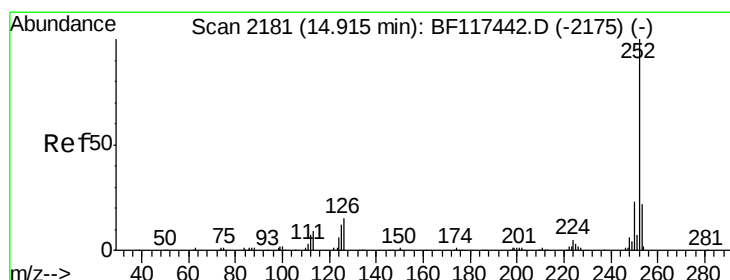
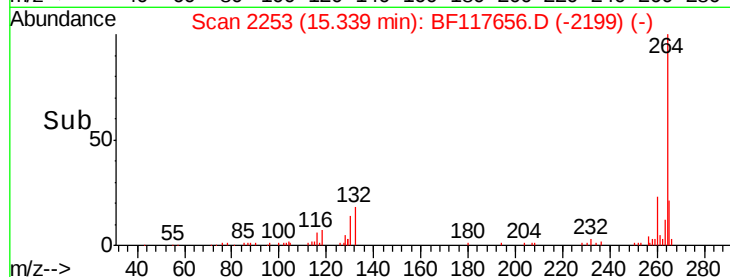
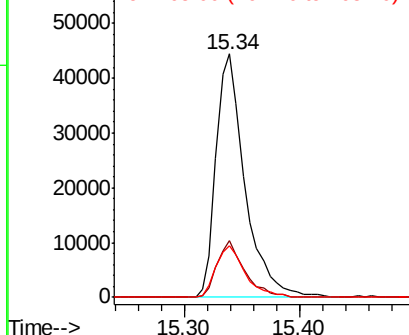
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 76964
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.2 16.1 24.1

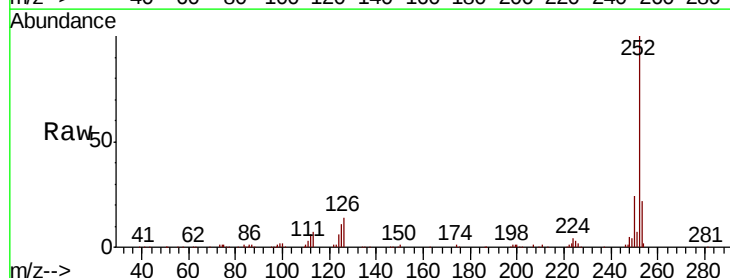


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

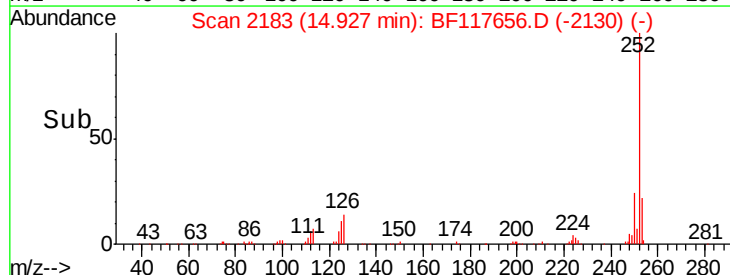
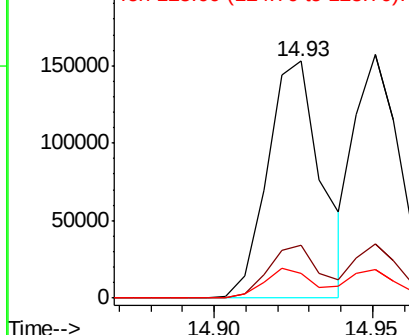


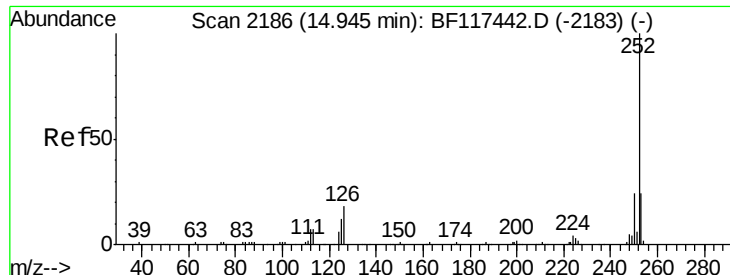
#88
Benzo(b)fluoranthene
Concen: 39.941 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117656.D
Acq: 31 Oct 2019 14:24

Tgt Ion:252 Resp: 181525
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 9.9 14.9



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





#89

Benzo(k)fluoranthene

Concen: 36.364 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

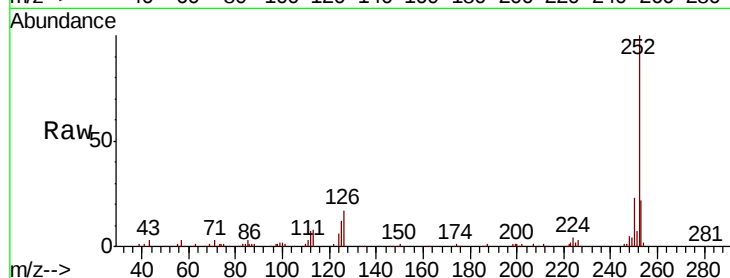
Tot Ion:252 Resp: 169391

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

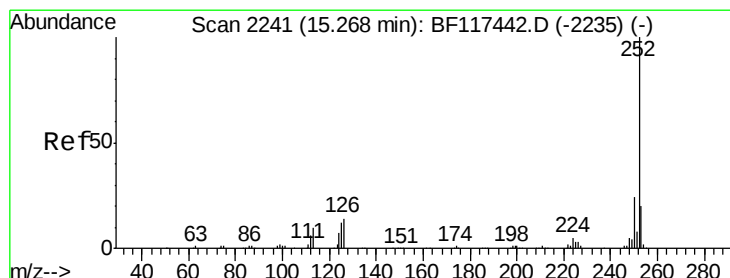
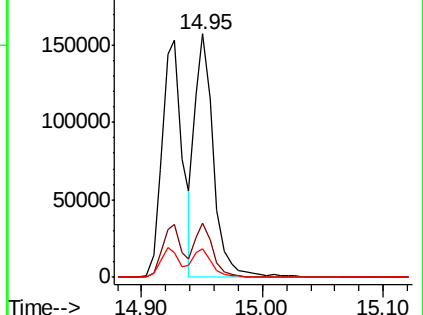
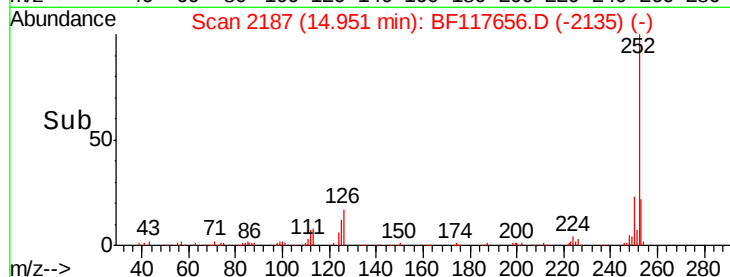
125 11.9 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.703 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

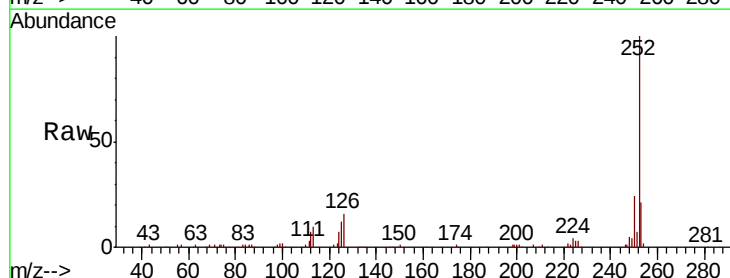
Tgt Ion:252 Resp: 159928

Ion Ratio Lower Upper

252 100

253 21.3 16.3 24.5

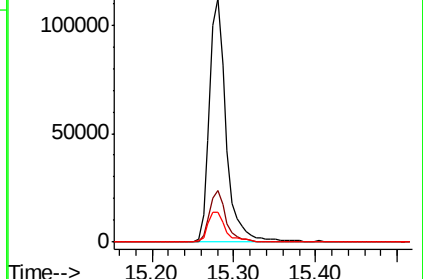
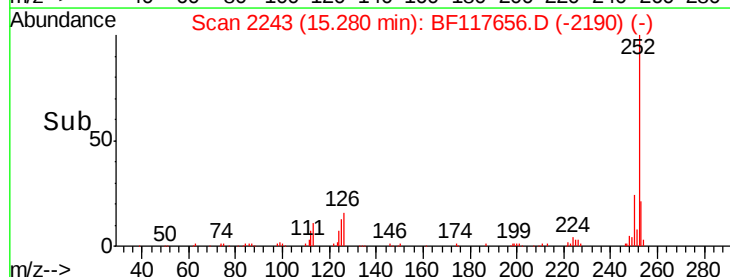
125 12.3 9.2 13.8

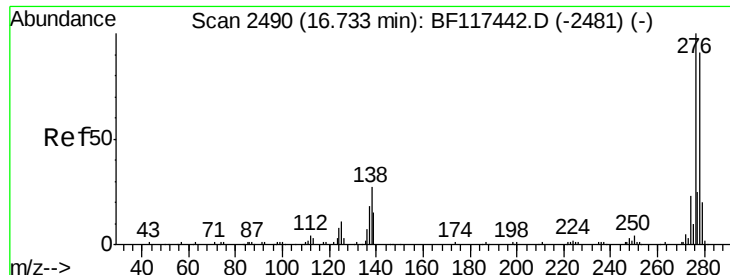


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.484 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

Instrument :

BNA_F

ClientSampleId :

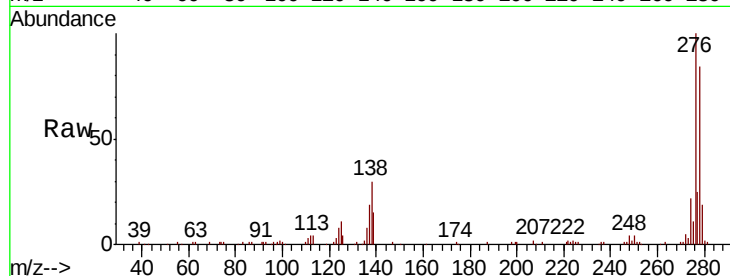
Tot Ion:278 Resp: 151795

Ion Ratio Lower Upper

278 100

139 18.4 13.4 20.0

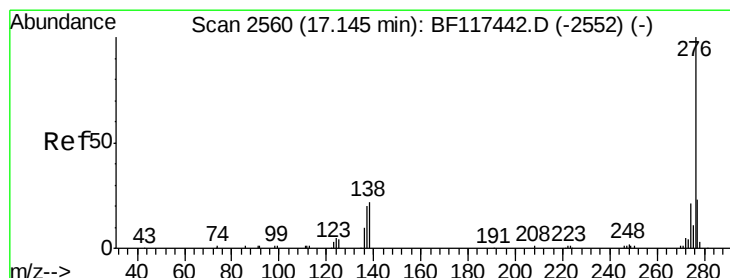
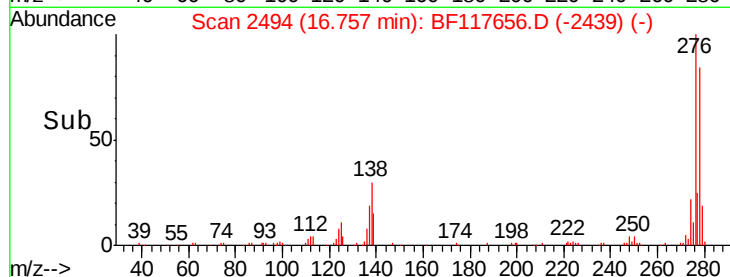
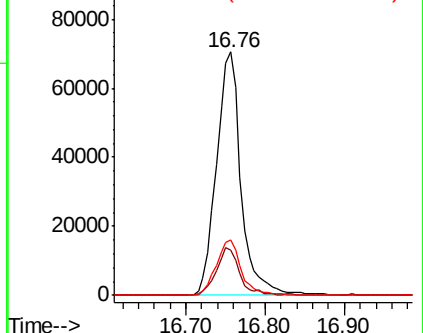
279 22.8 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.717 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.04 min

Lab File: BF117656.D

Acq: 31 Oct 2019 14:24

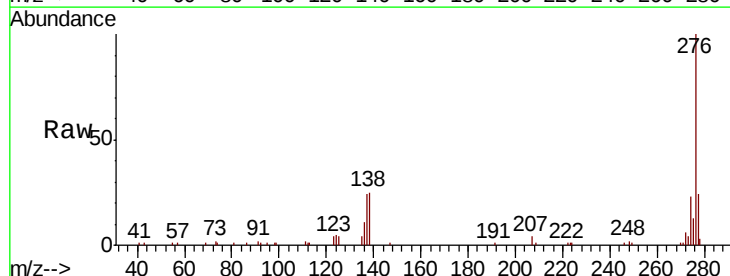
Tgt Ion:276 Resp: 151175

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 24.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

