

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117536.D
 Acq On : 25 Oct 2019 15:19
 Operator : JU
 Sample : K5503-MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Quant Time: Oct 26 00:11:11 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	41453	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	159297	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81332	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	122366	20.00	ng	0.00
76) Chrysene-d12	13.89	240	70113	20.00	ng	0.00
87) Perylene-d12	15.33	264	80871	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	299956	107.65	ng	0.00
7) Phenol-d6	6.39	99	411826	110.04	ng	0.00
23) Nitrobenzene-d5	7.30	82	258593	80.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	75946	107.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	410874	71.18	ng	0.00
79) Terphenyl-d14	12.83	244	301258	70.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	42024	35.872	ng	# 96
3) Pyridine	3.18	79	98565	34.369	ng	95
4) n-Nitrosodimethylamine	3.12	42	41157	39.559	ng	99
6) Aniline	6.40	93	89950	20.473	ng	# 1
8) 2-Chlorophenol	6.52	128	123709	42.075	ng	98
9) Benzaldehyde	6.28	77	73042	40.227	ng	97
10) Phenol	6.40	94	164413	43.044	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	119434	42.274	ng	98
12) 1,3-Dichlorobenzene	6.67	146	129688	39.526	ng	99
13) 1,4-Dichlorobenzene	6.75	146	128492	38.603	ng	96
14) 1,2-Dichlorobenzene	6.90	146	122764	39.128	ng	99
15) Benzyl Alcohol	6.88	79	111880	41.844	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	119081	39.072	ng	# 35
17) 2-Methylphenol	7.00	107	105023	43.421	ng	91
18) Hexachloroethane	7.23	117	49509	38.108	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	94511	41.351	ng	98
20) 3+4-Methylphenols	7.16	107	135823	42.830	ng	# 66
22) Acetophenone	7.15	105	183307	43.336	ng	94
24) Nitrobenzene	7.32	77	141632	45.827	ng	98
25) Isophorone	7.56	82	257247	46.085	ng	99
26) 2-Nitrophenol	7.63	139	64854	47.050	ng	98
27) 2,4-Dimethylphenol	7.68	122	109830	53.316	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	150334	43.646	ng	99
29) 2,4-Dichlorophenol	7.89	162	99934	46.251	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	99328	42.838	ng	95
31) Naphthalene	8.03	128	359202	45.493	ng	99
32) Benzoic acid	7.83	122	51226	36.306	ng	97
33) 4-Chloroaniline	8.10	127	53568	16.075	ng	98
34) Hexachlorobutadiene	8.15	225	55942	41.684	ng	99
35) Caprolactam	8.46	113	19078	27.486	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	114433	46.439	ng	99
37) 2-Methylnaphthalene	8.72	142	245435	46.131	ng	100
38) 1-Methylnaphthalene	8.82	142	227103	45.425	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	90725	41.416	ng	98

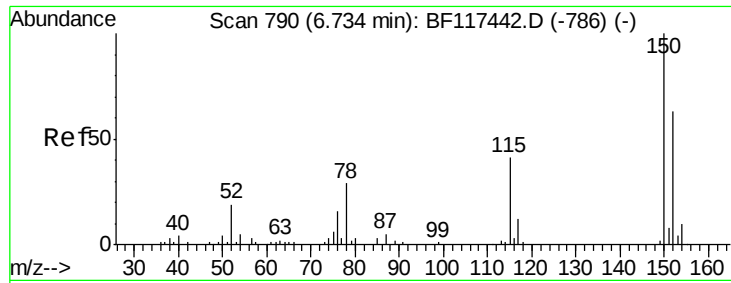
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117536.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	20242	45.073	nq	96
43) 2,4,6-Trichlorophenol	9.01	196	63323	46.160	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	63629	45.774	nq	96
46) 1,1'-Biphenyl	9.19	154	286779	42.592	nq	100
47) 2-Chloronaphthalene	9.21	162	215354	42.420	nq	99
48) 2-Nitroaniline	9.32	65	71264	42.761	nq	89
49) Acenaphthylene	9.63	152	343084	46.009	nq	99
50) Dimethylphthalate	9.49	163	308847	53.267	nq	99
51) 2,6-Dinitrotoluene	9.56	165	55513	45.882	nq #	83
52) Acenaphthene	9.80	154	201413	44.025	nq	98
53) 3-Nitroaniline	9.73	138	29255	19.928	nq	93
54) 2,4-Dinitrophenol	9.86	184	24204	50.137	nq	95
55) Dibenzofuran	9.97	168	302205	45.593	nq	99
56) 4-Nitrophenol	9.92	139	51976	77.075	nq	98
57) 2,4-Dinitrotoluene	9.97	165	72455	45.042	nq	88
58) Fluorene	10.32	166	243390	44.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	46399	42.469	nq #	94
60) Diethylphthalate	10.19	149	258938	44.153	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	107953	43.898	nq	88
62) 4-Nitroaniline	10.35	138	48895	35.336	nq	96
63) Azobenzene	10.46	77	271302	45.191	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	22005	35.370	nq	96
66) n-Nitrosodiphenylamine	10.42	169	213417	47.708	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	59890	45.439	nq #	86
68) Hexachlorobenzene	10.87	284	60899	43.144	nq #	87
69) Atrazine	10.95	200	62257	54.700	nq	94
70) Pentachlorophenol	11.07	266	35013	82.744	nq	97
71) Phenanthrene	11.27	178	329819	46.418	nq	99
72) Anthracene	11.33	178	337539	46.298	nq	99
73) Carbazole	11.49	167	291261	43.716	nq	99
74) Di-n-butylphthalate	11.80	149	406512	45.663	nq	99
75) Fluoranthene	12.46	202	307438	43.222	nq	99
77) Benzidine	12.59	184	121455	Below	Cal	98
78) Pyrene	12.69	202	303662	50.423	nq	99
80) Butylbenzylphthalate	13.30	149	140920	47.023	nq	99
81) Benzo(a)anthracene	13.88	228	222348	47.014	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	54877	36.978	nq #	95
83) Chrysene	13.92	228	212844	45.920	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	201532	48.007	nq #	94
85) Di-n-octyl phthalate	14.47	149	325373	50.411	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	224541	64.885	nq	99
88) Benzo(b)fluoranthene	14.92	252	202855	42.478	nq	98
89) Benzo(k)fluoranthene	14.94	252	207883	42.472	nq	99
90) Benzo(a)pyrene	15.27	252	193034	44.458	nq	97
91) Dibenzo(a,h)anthracene	16.74	278	187386	49.911	nq #	95
92) Benzo(g,h,i)perylene	17.16	276	182270	51.311	nq	98

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

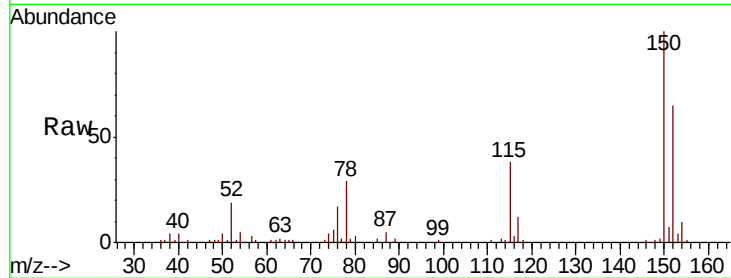


#1

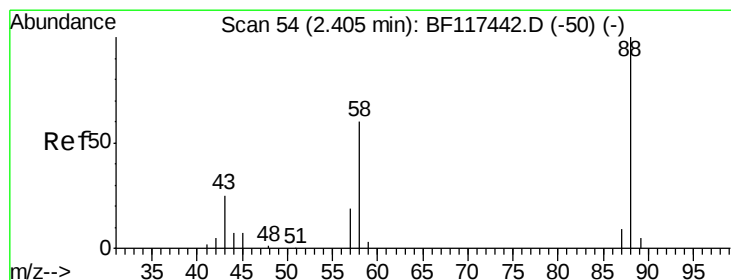
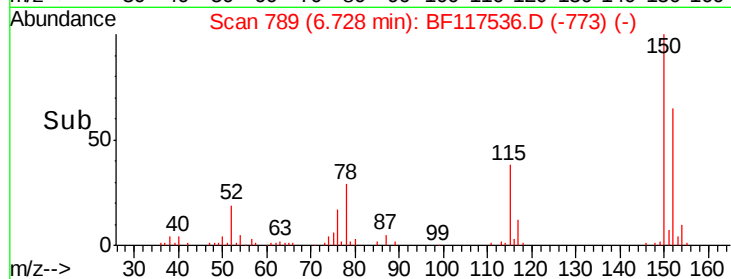
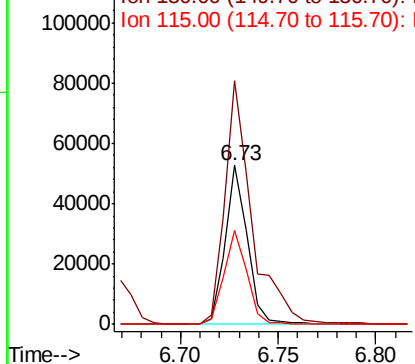
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:152 Resp: 41453
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.8 190.2
 115 59.0 51.6 77.4



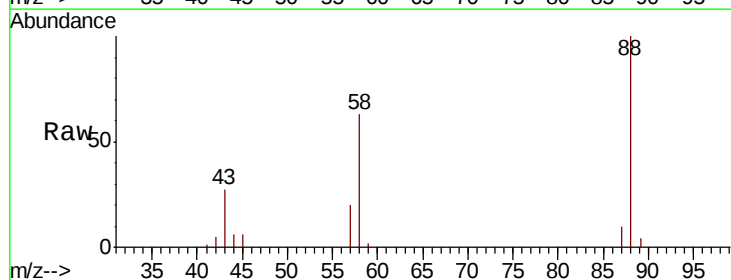
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



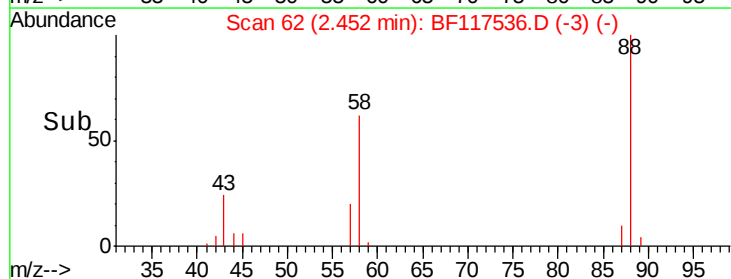
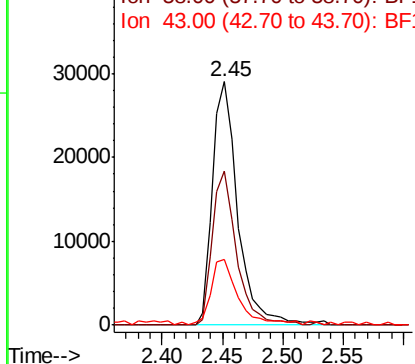
#2

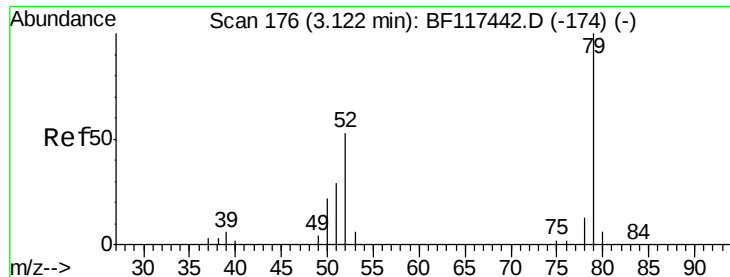
1,4-Dioxane
 Concen: 35.872 ng
 RT: 2.45 min Scan# 62
 Delta R.T. 0.05 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion: 88 Resp: 42024
 Ion Ratio Lower Upper
 88 100
 58 60.4 48.8 73.2
 43 29.1 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: 34.369 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

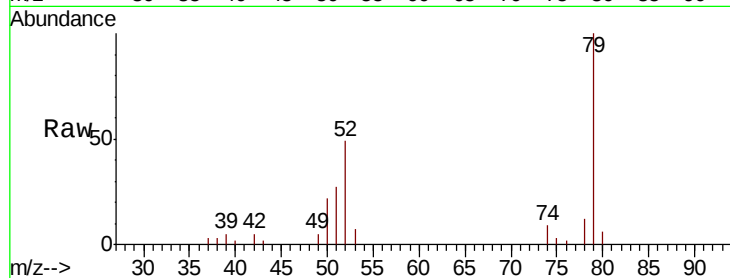
Tot Ion: 79 Resp: 98565

Ion Ratio Lower Upper

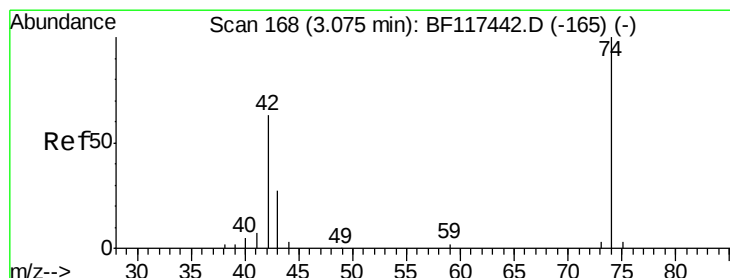
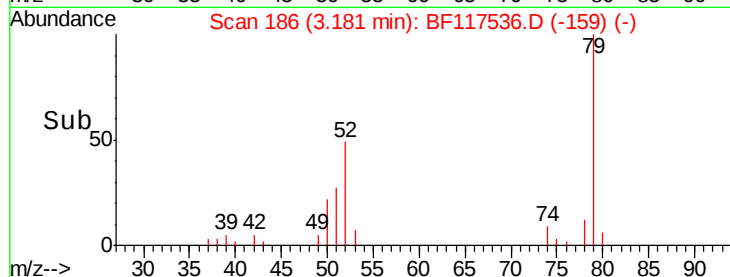
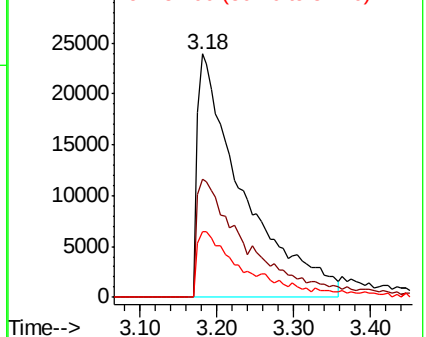
79 100

52 48.7 42.4 63.6

51 26.8 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: 39.559 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.04 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

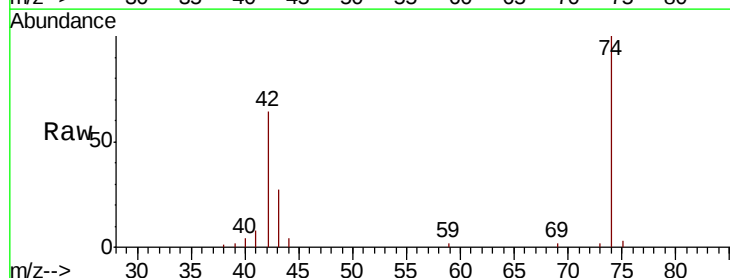
Tgt Ion: 42 Resp: 41157

Ion Ratio Lower Upper

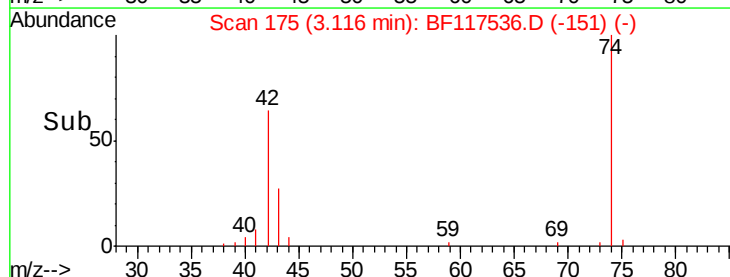
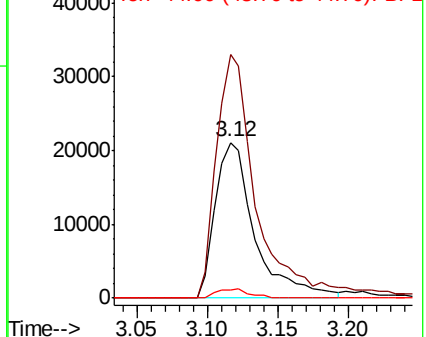
42 100

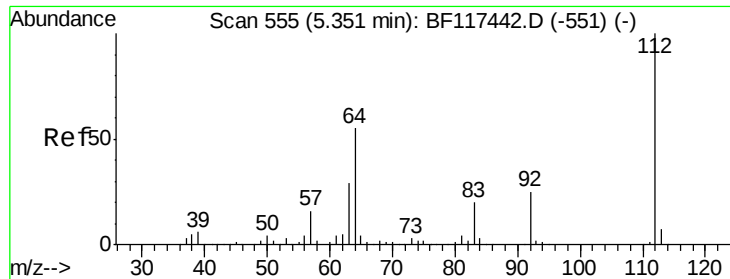
74 156.8 124.2 186.4

44 5.5 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: 107.651 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

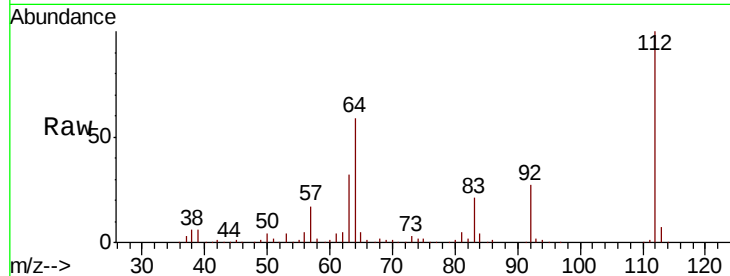
Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

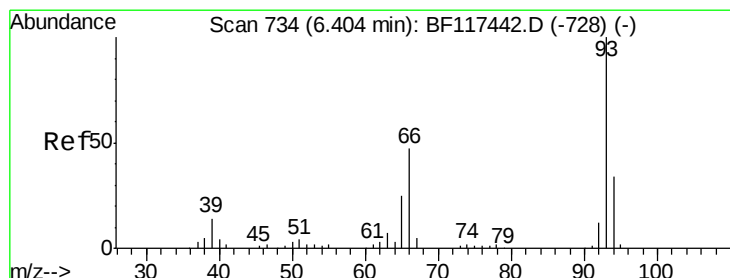
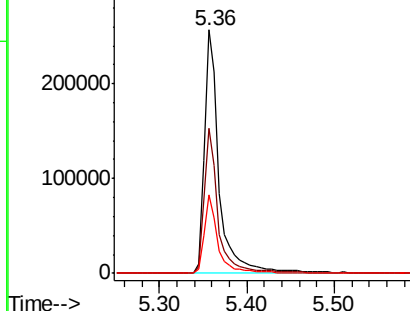
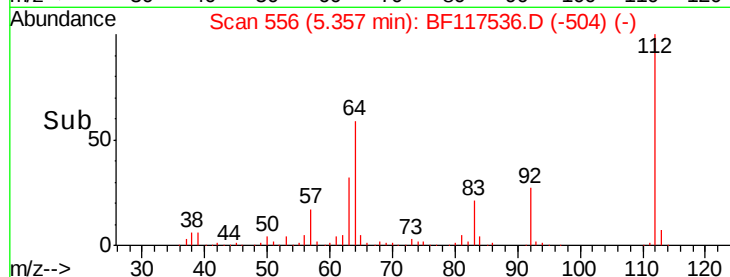
Tot Ion:	112	Resp:	299956
Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	32.1	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.473 ng

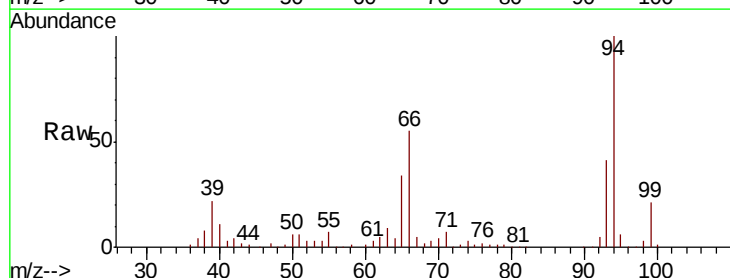
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

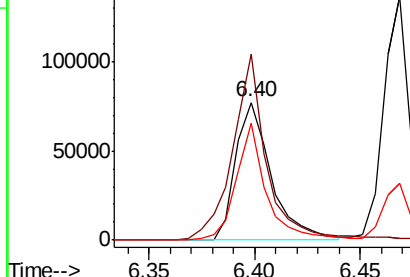
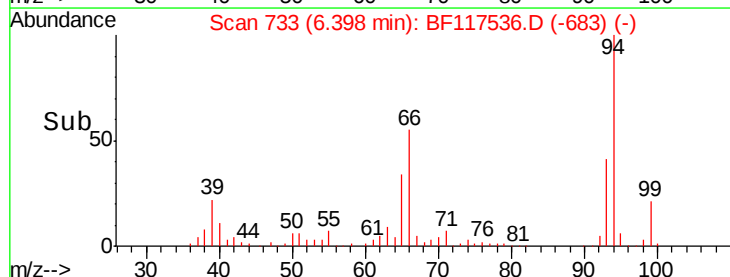
Tgt Ion:	93	Resp:	89950
Ion	Ratio	Lower	Upper
93	100		
66	134.6	38.7	58.1#
65	84.7	20.1	30.1#

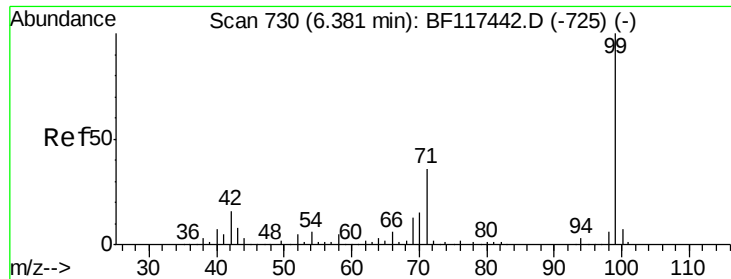


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.043 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

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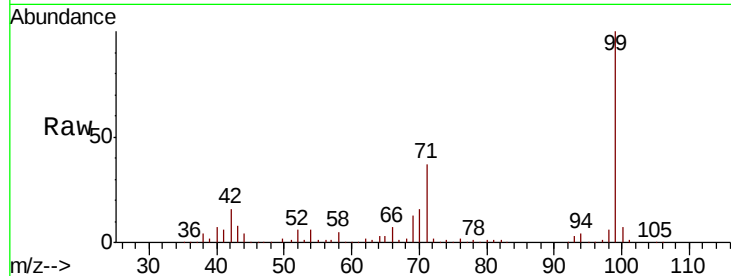
Tot Ion: 99 Resp: 411826

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

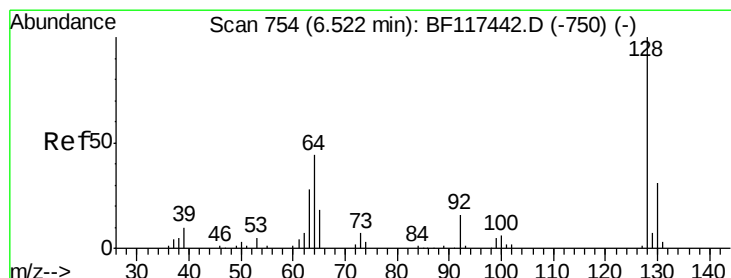
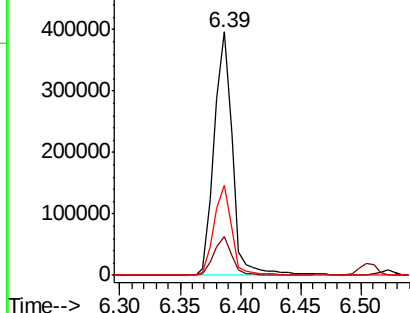
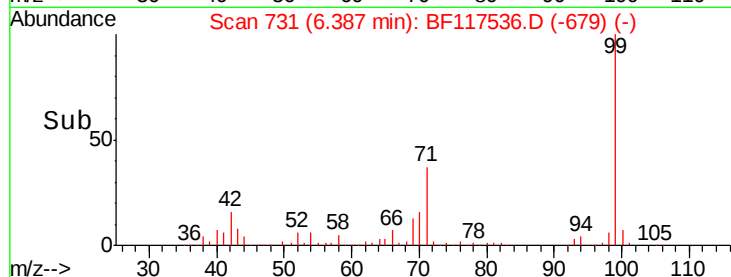
71 37.0 28.6 43.0



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: 42.075 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

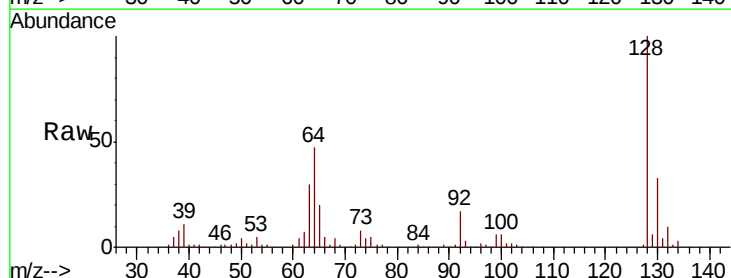
Tgt Ion: 128 Resp: 123709

Ion Ratio Lower Upper

128 100

130 32.9 11.1 51.1

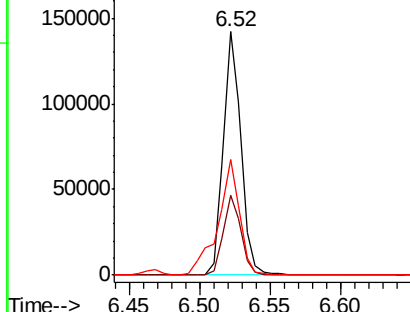
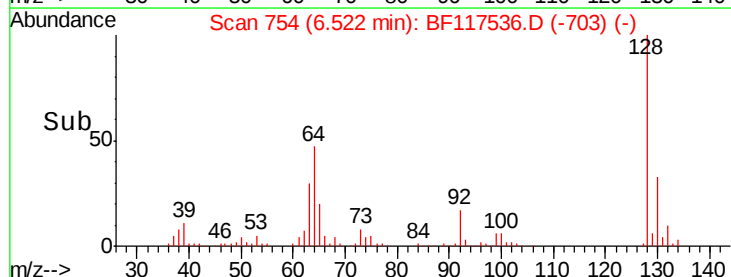
64 47.5 27.1 67.1

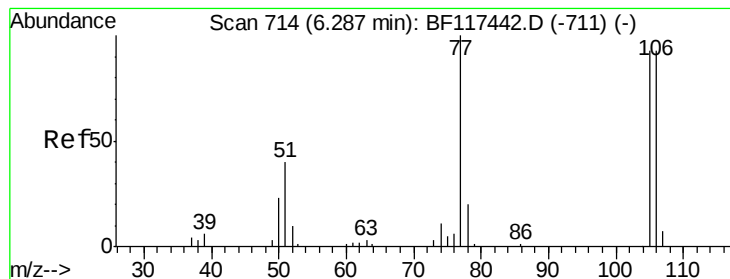


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.227 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

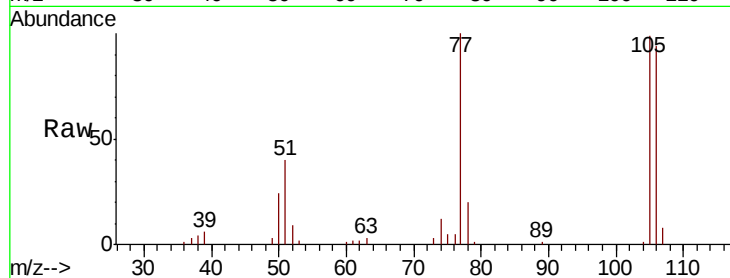
Tot Ion: 77 Resp: 73042

Ion Ratio Lower Upper

77 100

105 98.9 73.4 113.4

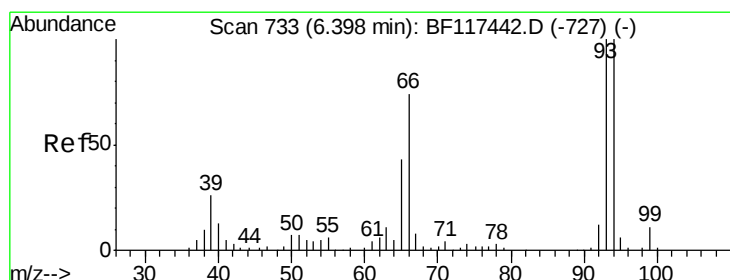
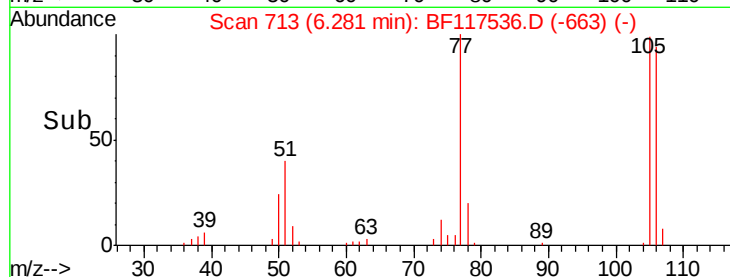
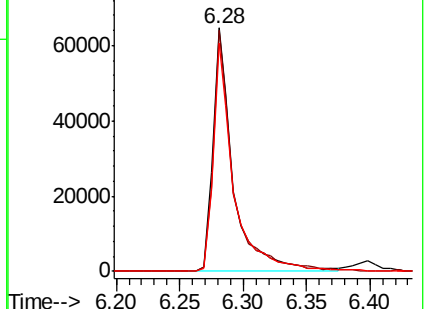
106 93.7 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.044 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

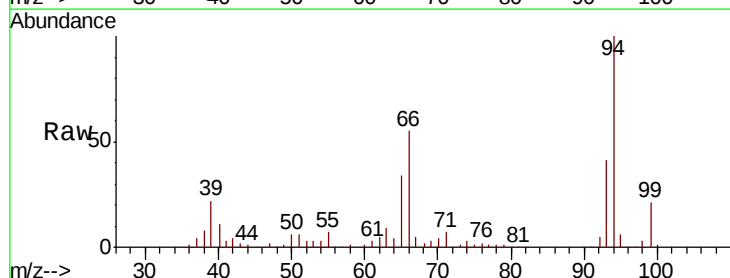
Tgt Ion: 94 Resp: 164413

Ion Ratio Lower Upper

94 100

65 34.4 23.4 63.4

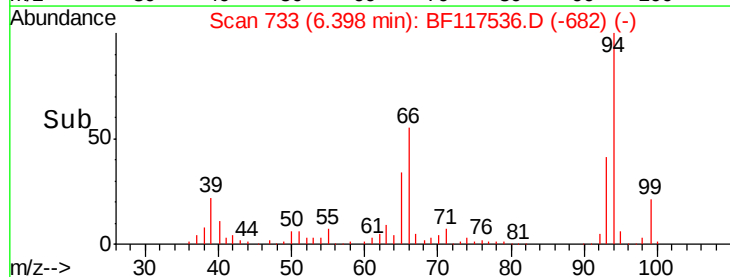
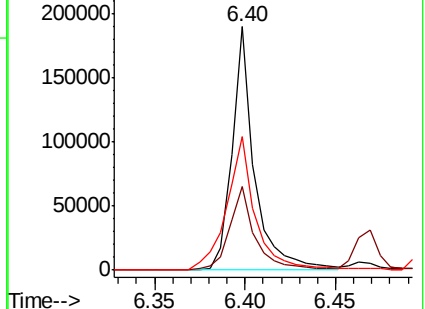
66 54.7 54.7 94.7

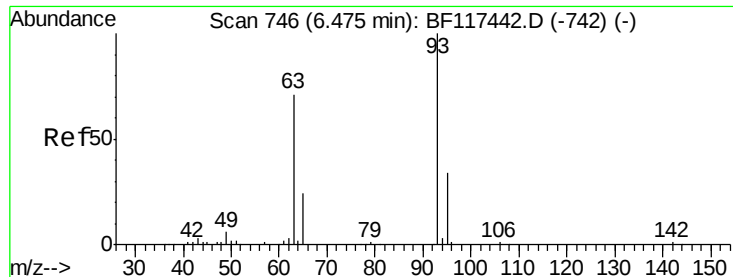


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

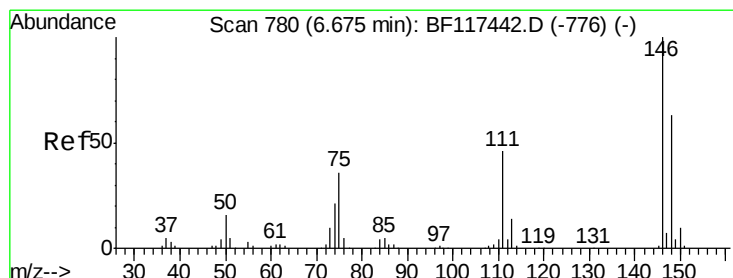
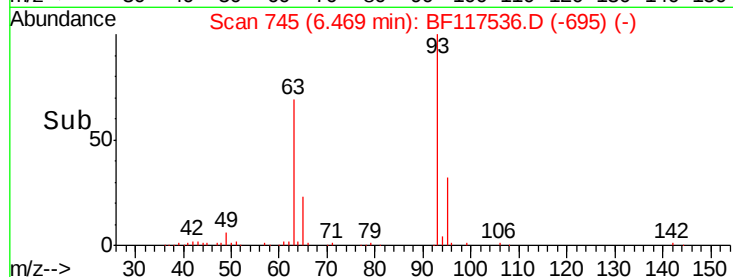
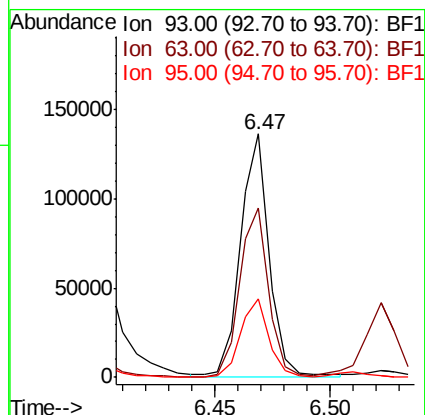
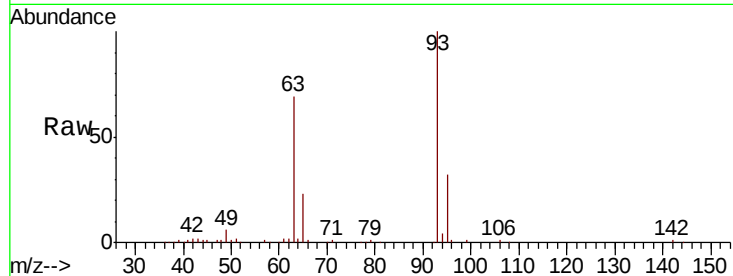




#11
bis(2-Chloroethyl)ether
Concen: 42.274 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

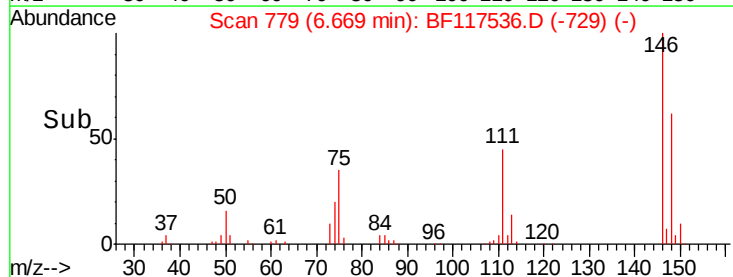
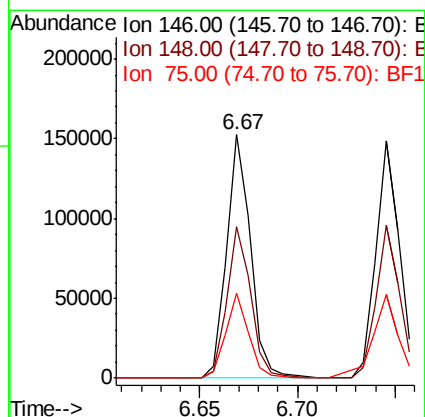
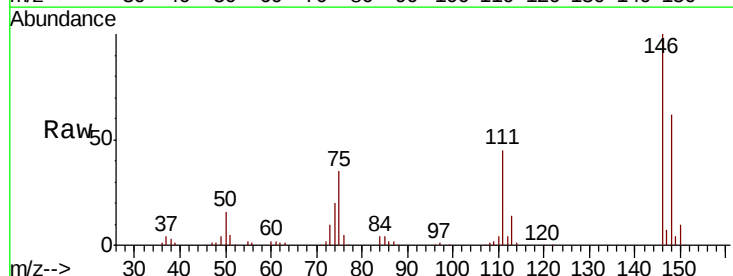
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

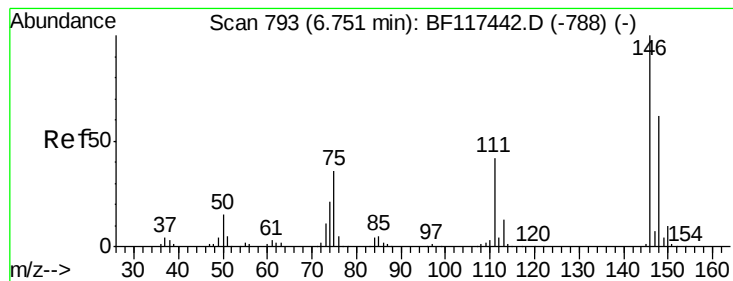
Tot Ion: 93 Resp: 119434
Ion Ratio Lower Upper
93 100
63 69.4 50.2 90.2
95 32.4 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 39.526 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion: 146 Resp: 129688
Ion Ratio Lower Upper
146 100
148 62.1 50.6 75.8
75 35.0 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 38.603 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

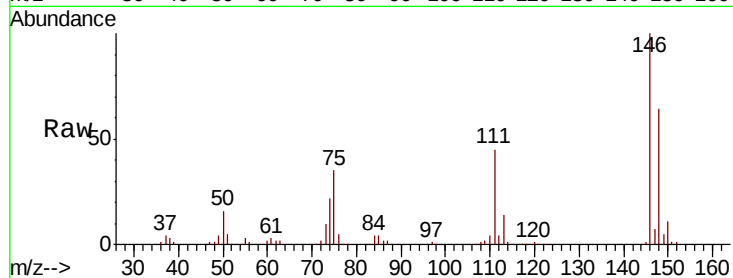
Tot Ion:146 Resp: 128492

Ion Ratio Lower Upper

146 100

148 64.4 49.3 73.9

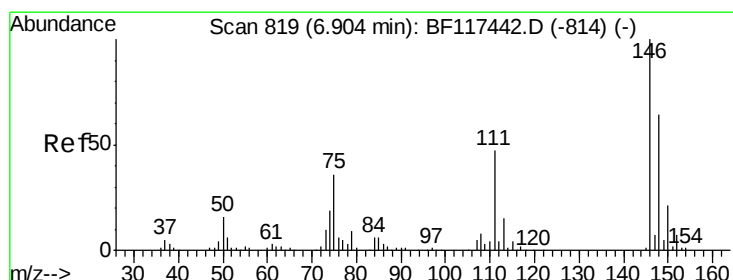
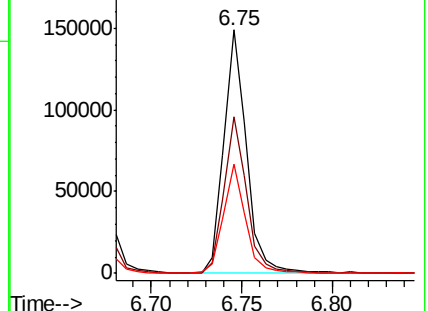
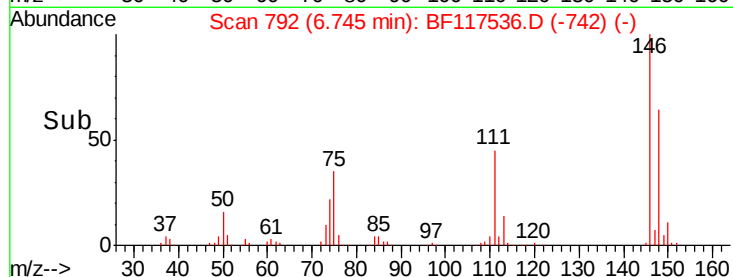
111 44.6 33.6 50.4



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: 39.128 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

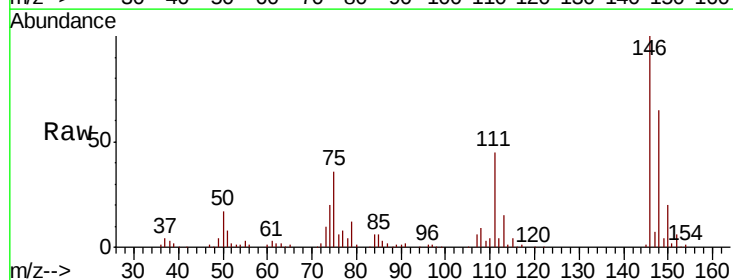
Tgt Ion:146 Resp: 122764

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

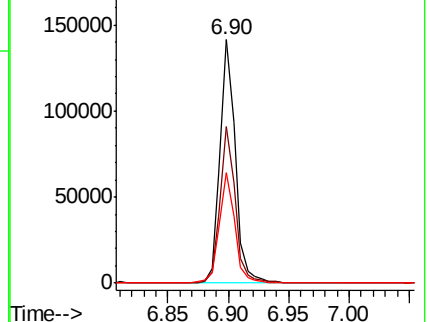
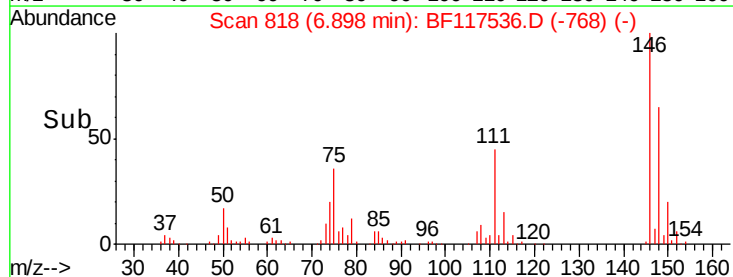
111 45.4 37.7 56.5

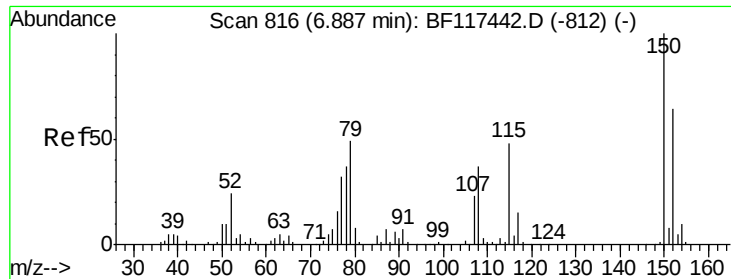


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

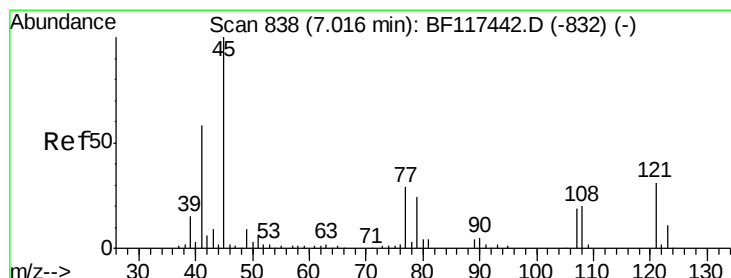
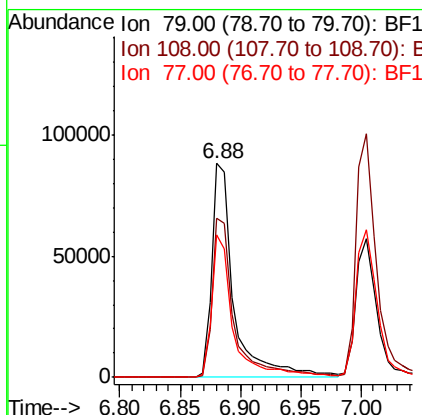
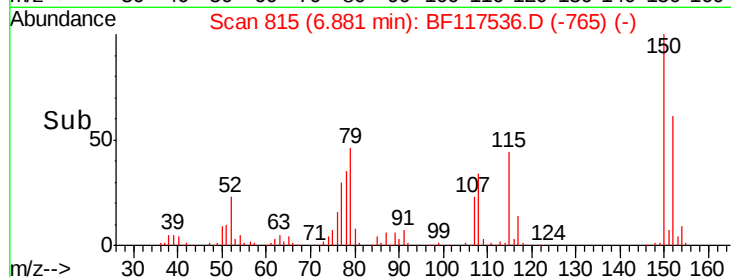
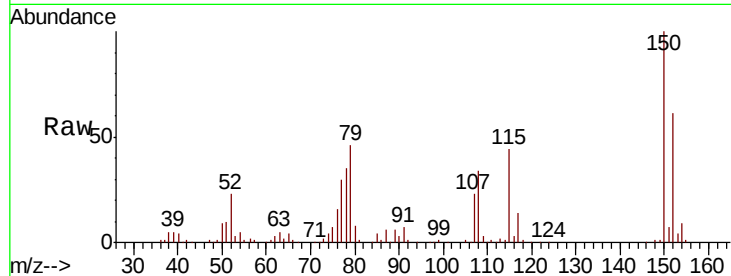




#15
Benzyl Alcohol
Concen: 41.844 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

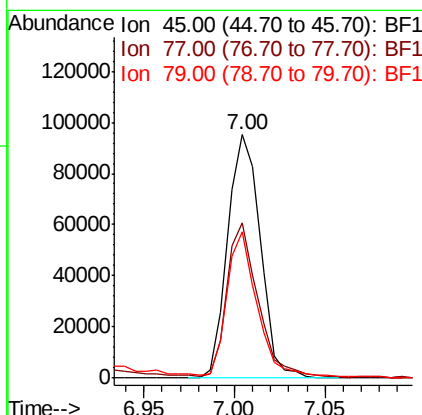
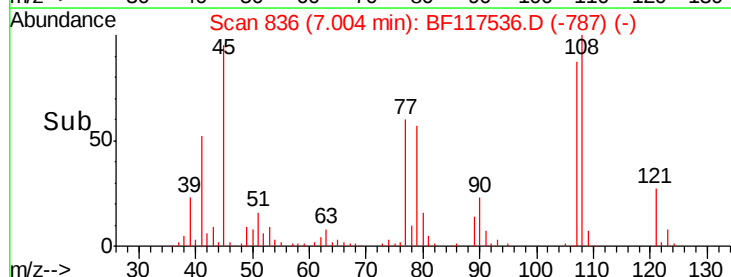
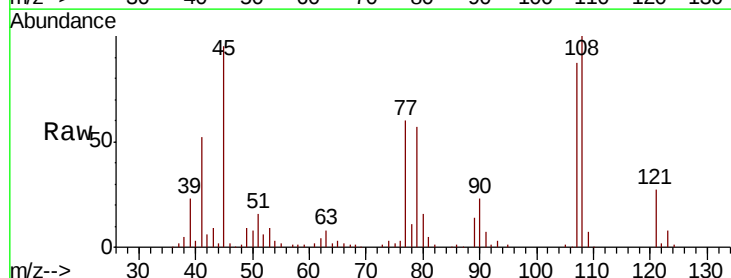
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

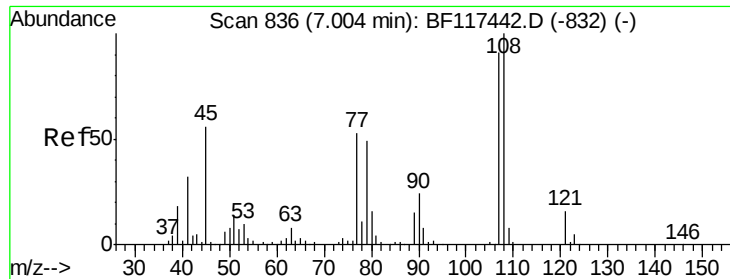
Tot Ion: 79 Resp: 111880
Ion Ratio Lower Upper
79 100
108 74.3 59.8 89.8
77 66.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.072 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion: 45 Resp: 119081
Ion Ratio Lower Upper
45 100
77 63.8 9.9 49.9#
79 60.2 5.5 45.5#

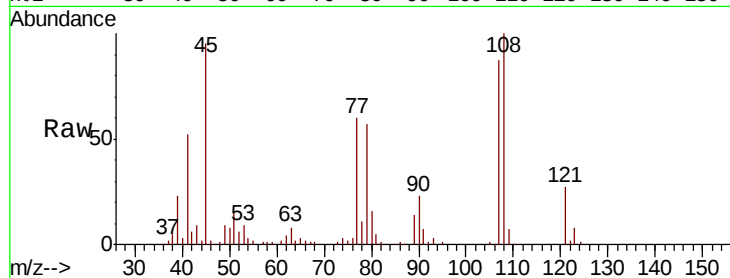




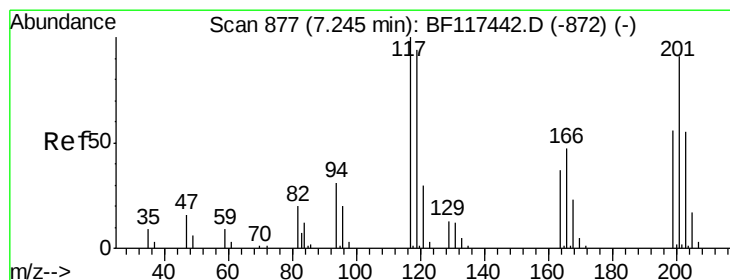
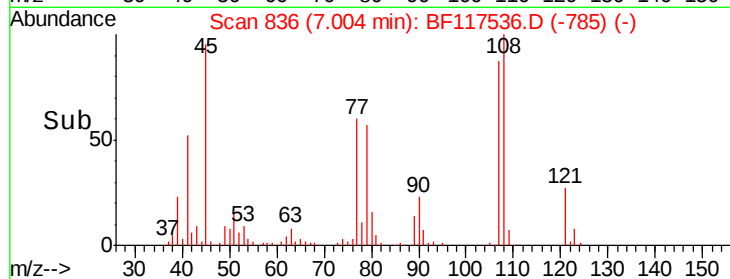
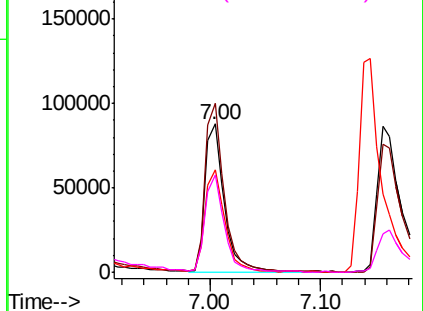
#17
2-Methylphenol
Concen: 43.421 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:107 Resp: 105023
Ion Ratio Lower Upper
107 100
108 114.6 88.0 132.0
77 69.3 47.2 70.8
79 65.4 44.1 66.1

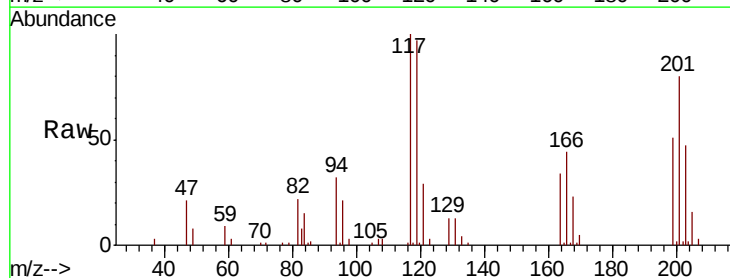


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

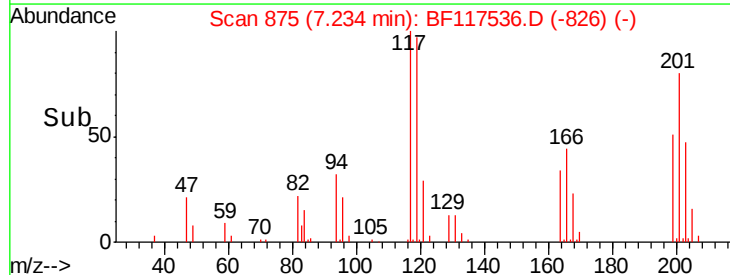
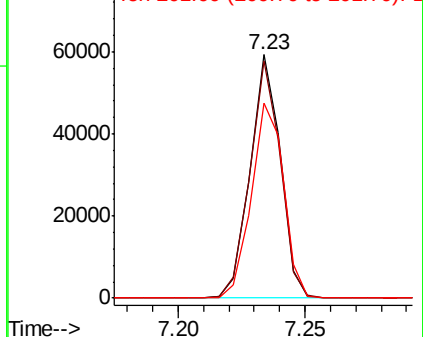


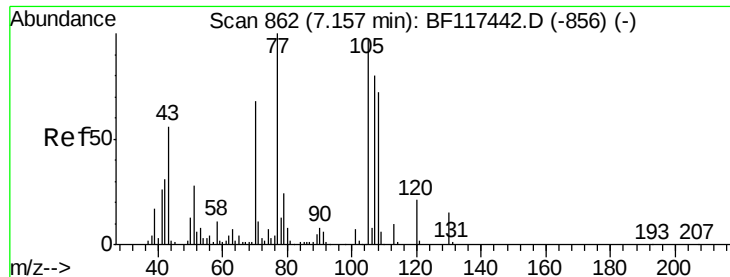
#18
Hexachloroethane
Concen: 38.108 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:117 Resp: 49509
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 80.2 72.5 108.7



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

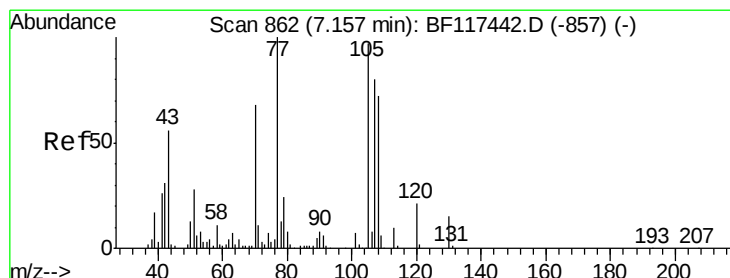
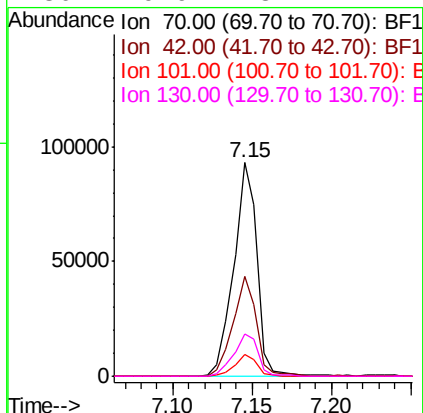
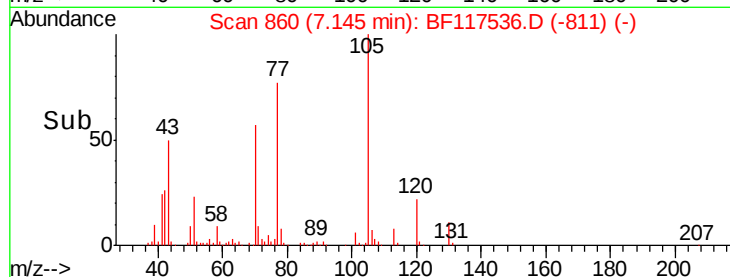
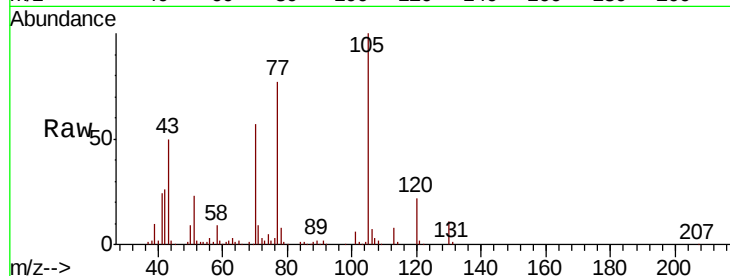




#19
n-Nitroso-di-n-propylamine
Concen: 41.351 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

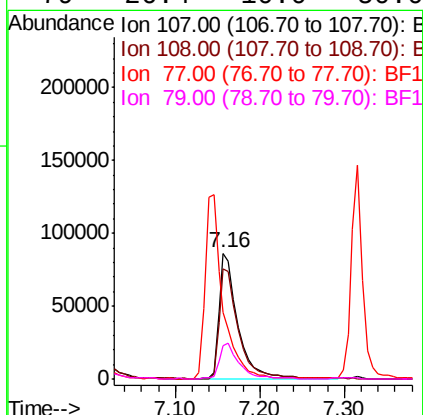
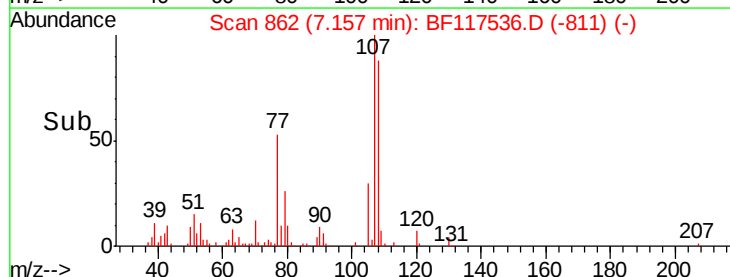
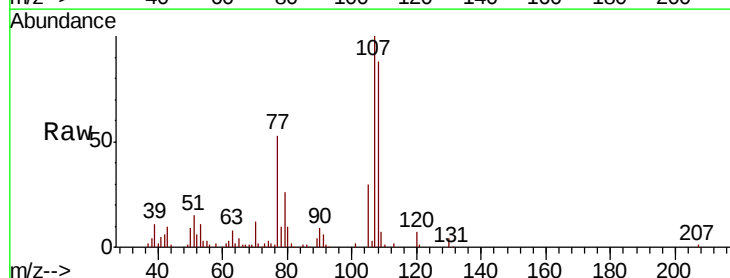
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

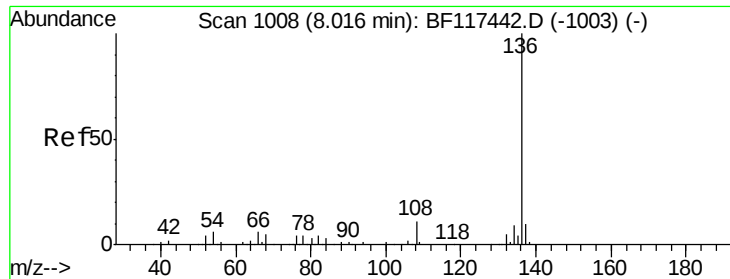
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	36.7	55.1
101	10.1	8.3	12.5
130	19.9	18.1	27.1



#20
3+4-Methylphenols
Concen: 42.830 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.3	110.3
77	53.2	104.8	144.8#
79	26.4	10.0	50.0

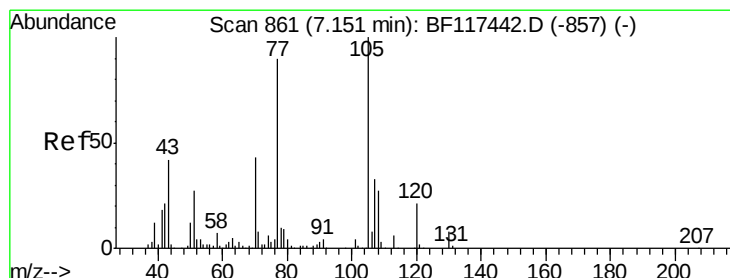
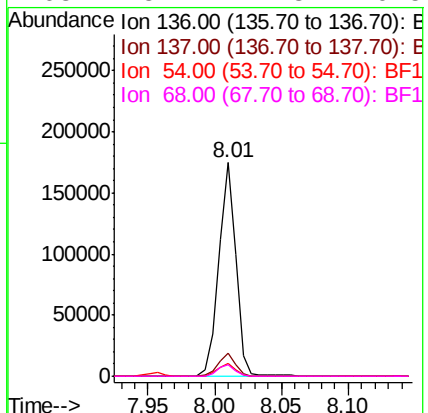
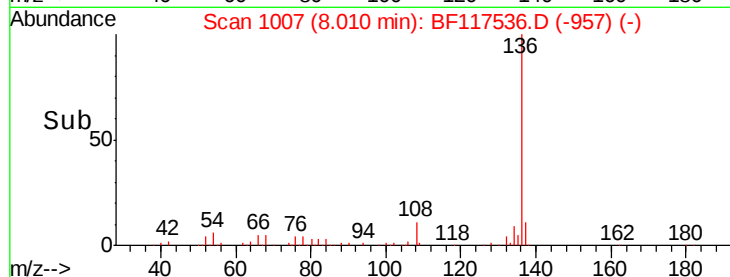
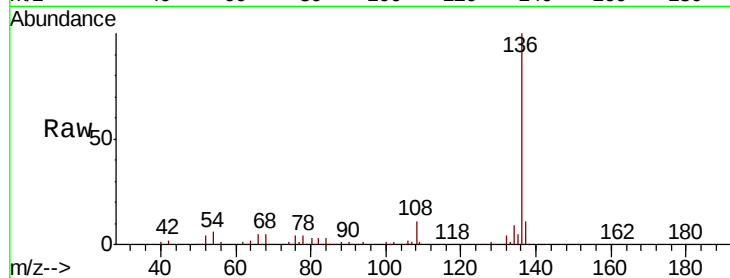




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

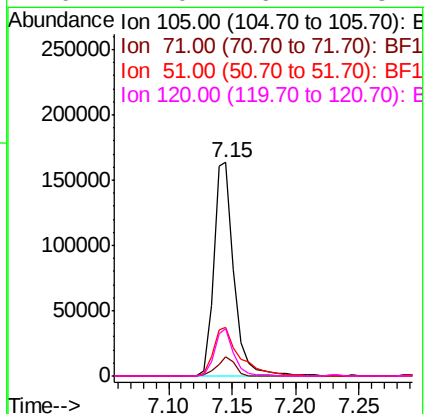
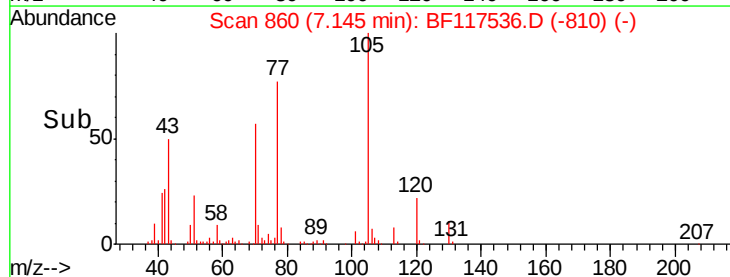
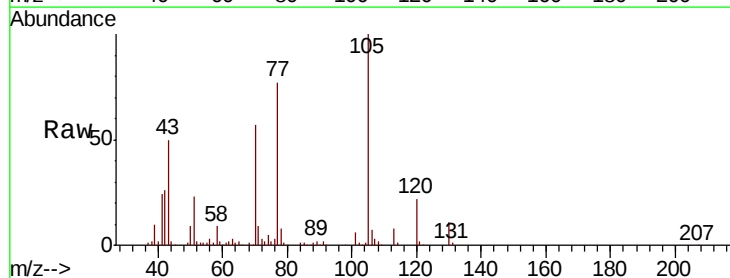
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

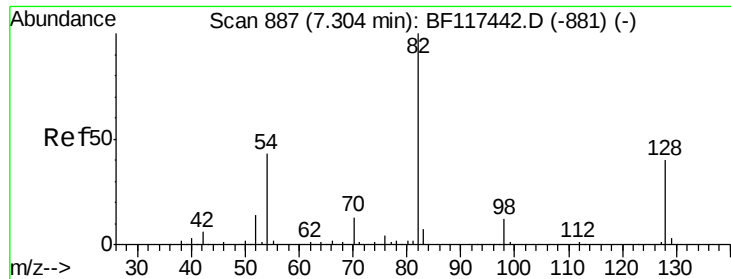
Tot Ion:136	Resp:	159297
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.2 12.4
54	6.0	4.5 6.7
68	5.1	4.3 6.5



#22
Acetophenone
Concen: 43.336 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:105	Resp:	183307
Ion	Ratio	Lower Upper
105	100	
71	9.2	6.2 9.2
51	22.5	21.8 32.6
120	22.0	16.7 25.1

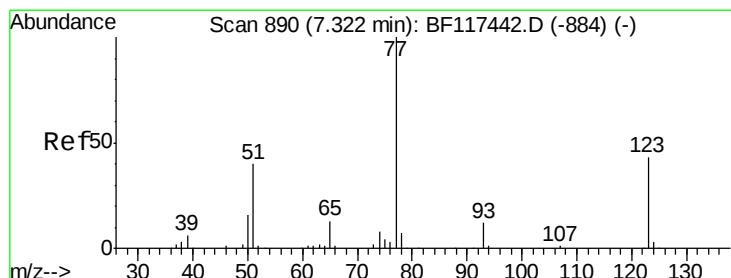
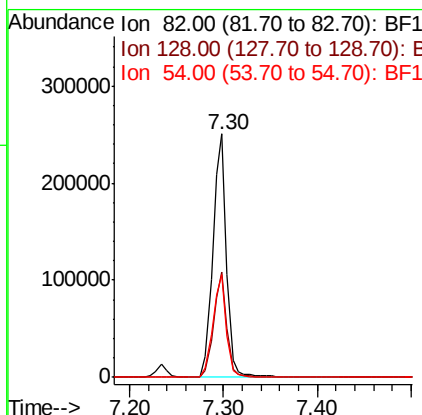
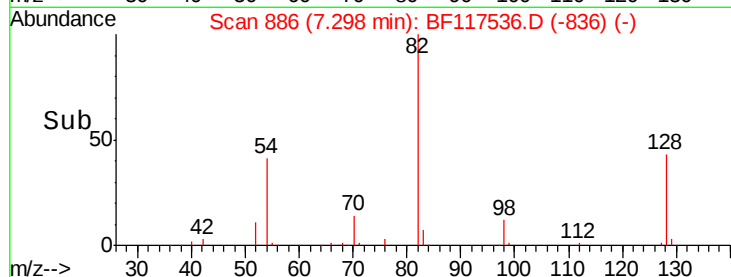
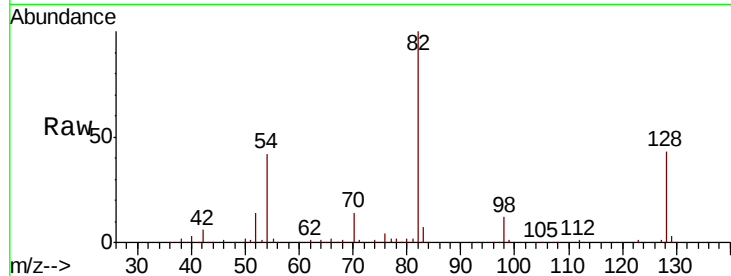




#23
Nitrobenzene-d5
Concen: 80.141 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

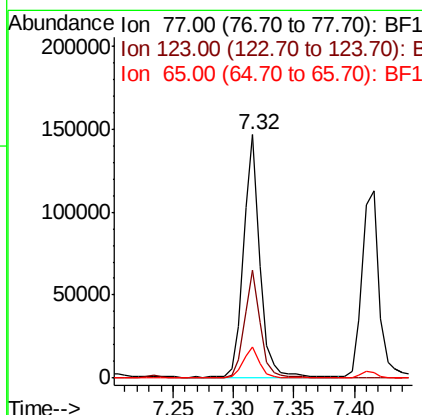
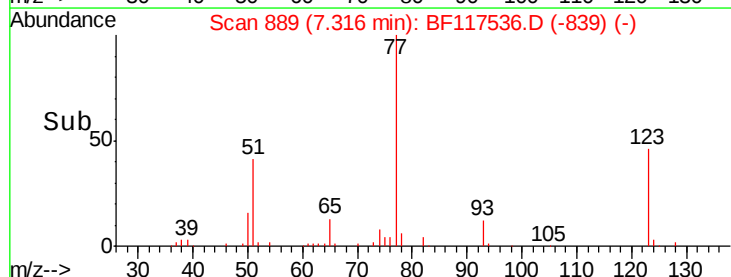
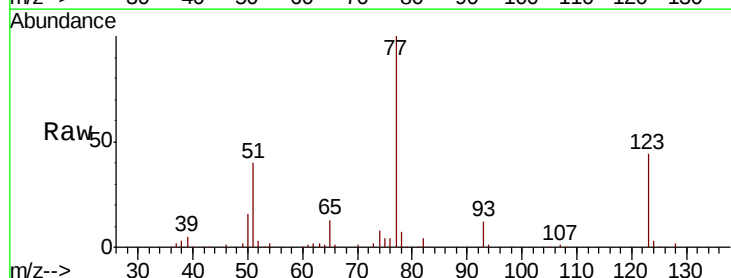
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

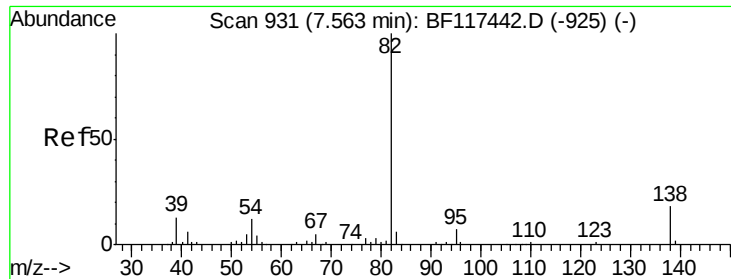
Tot Ion: 82 Resp: 258593
Ion Ratio Lower Upper
82 100
128 43.3 32.2 48.2
54 42.4 34.2 51.2



#24
Nitrobenzene
Concen: 45.827 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion: 77 Resp: 141632
Ion Ratio Lower Upper
77 100
123 44.4 34.2 51.2
65 12.7 10.3 15.5





#25

Isophorone

Concen: 46.085 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

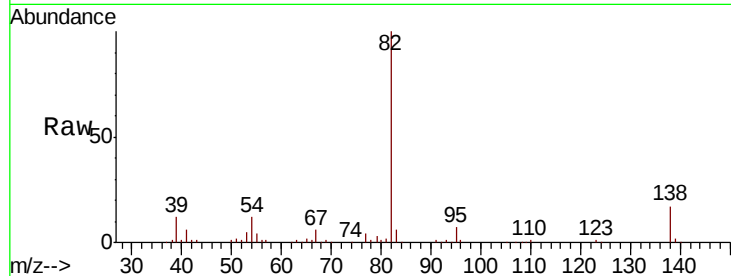
Tot Ion: 82 Resp: 257247

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

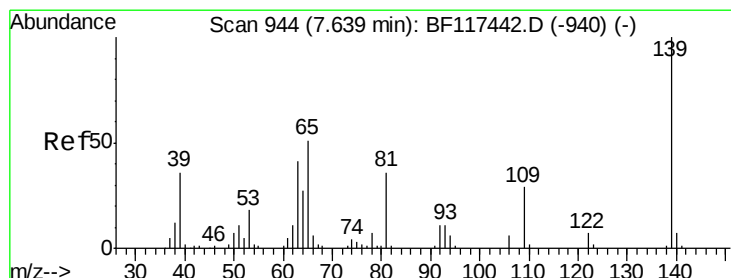
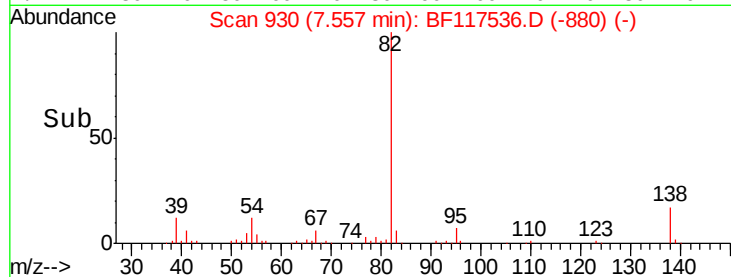
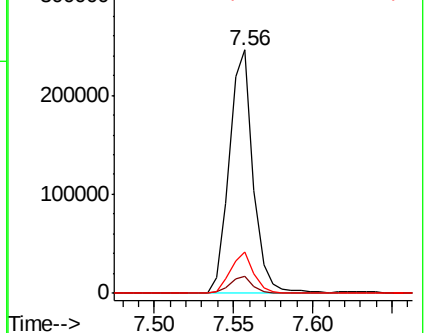
138 17.1 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.050 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

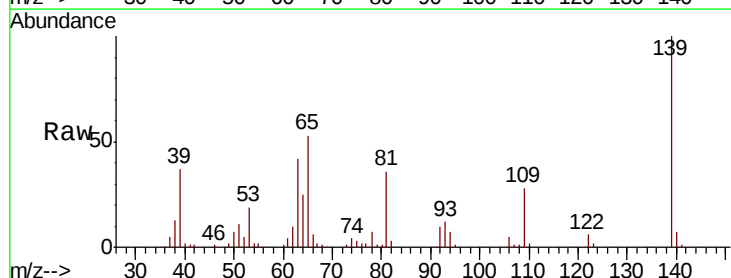
Tgt Ion: 139 Resp: 64854

Ion Ratio Lower Upper

139 100

109 28.2 23.2 34.8

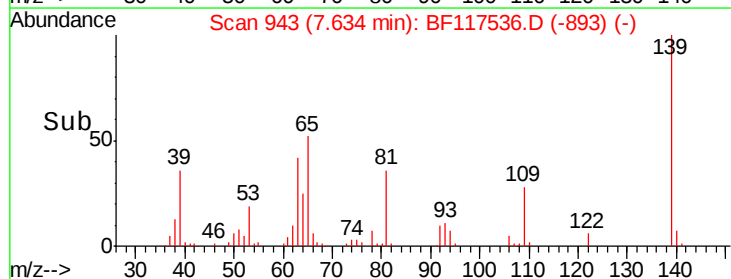
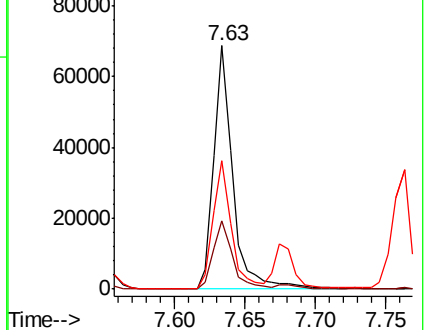
65 52.8 41.1 61.7

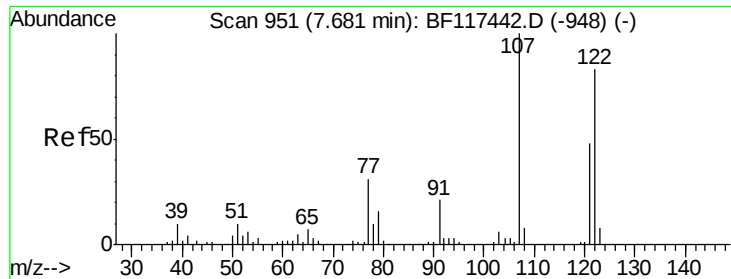


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

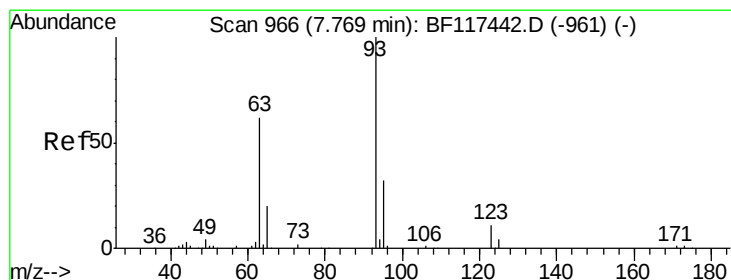
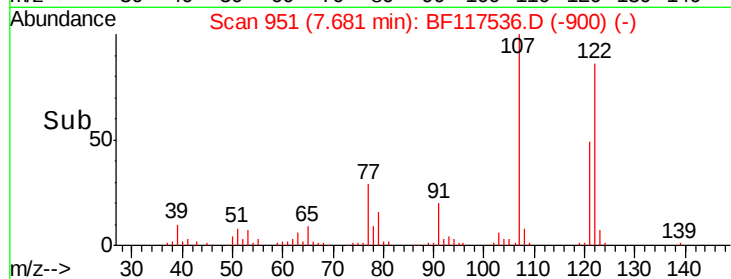
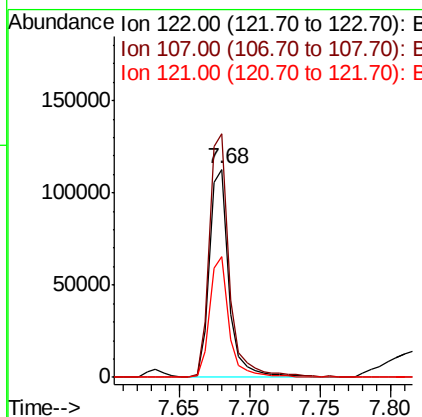
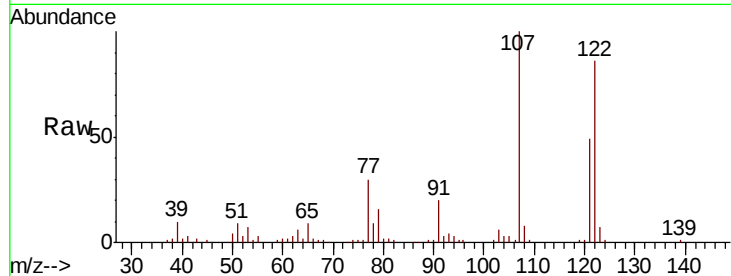




#27
 2,4-Dimethylphenol
 Concen: 53.316 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

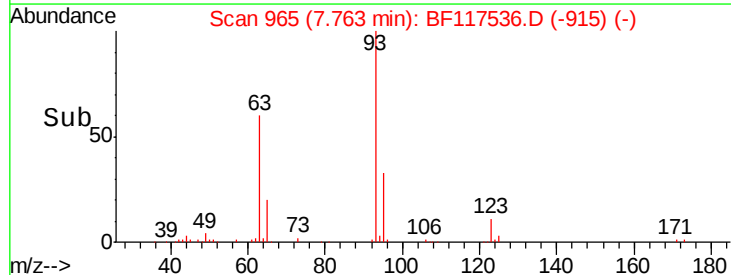
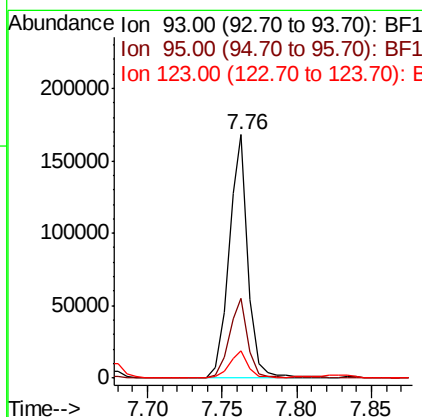
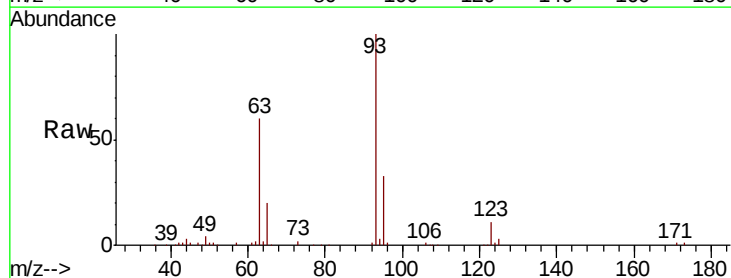
Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

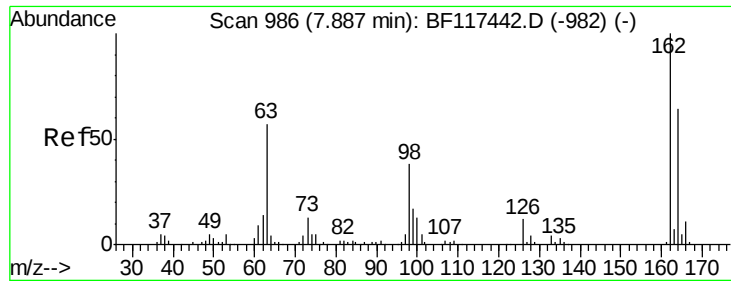
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	96.8	145.2
121	57.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.646 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.5	38.3
123	11.2	9.0	13.6

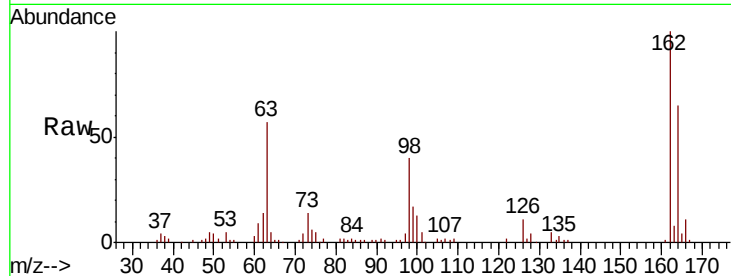




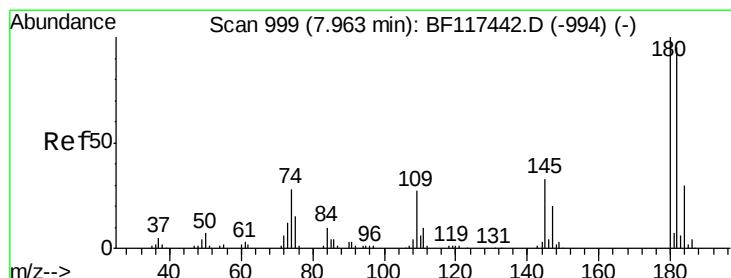
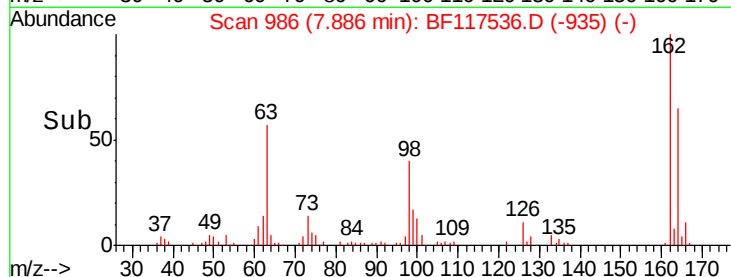
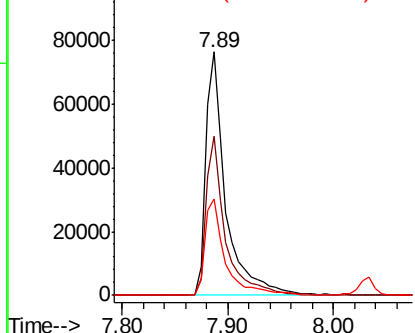
#29
 2,4-Dichlorophenol
 Concen: 46.251 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:162 Resp: 99934
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.4 84.4
 98 39.5 18.2 58.2

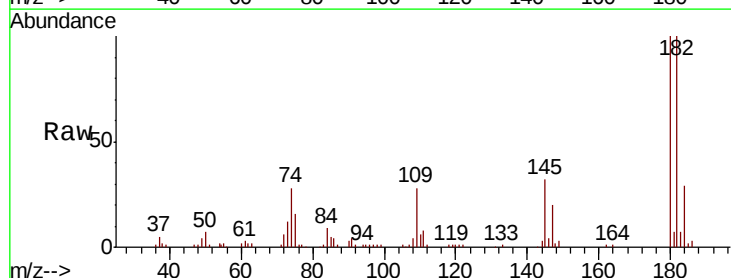


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

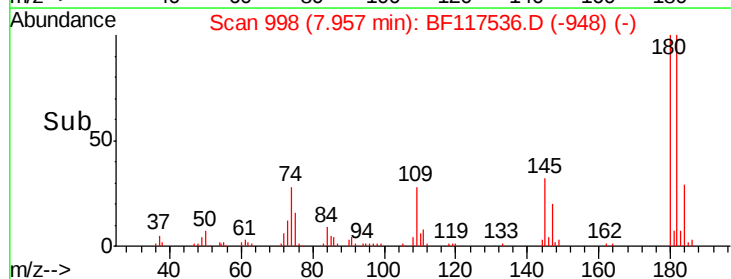
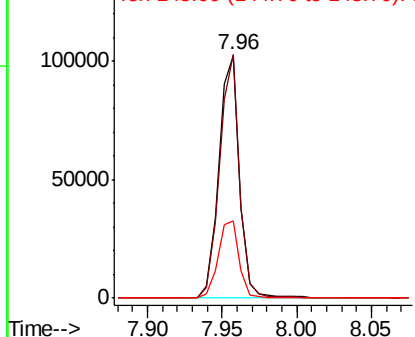


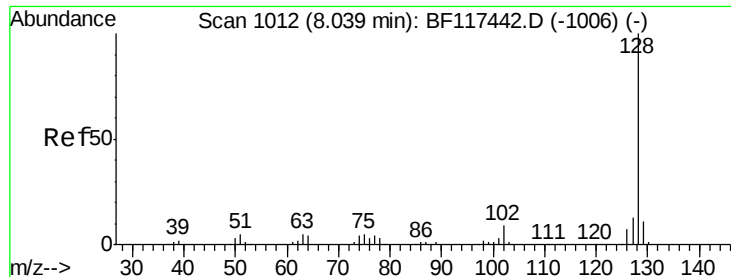
#30
 1,2,4-Trichlorobenzene
 Concen: 42.838 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:180 Resp: 99328
 Ion Ratio Lower Upper
 180 100
 182 100.3 75.8 113.8
 145 31.7 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

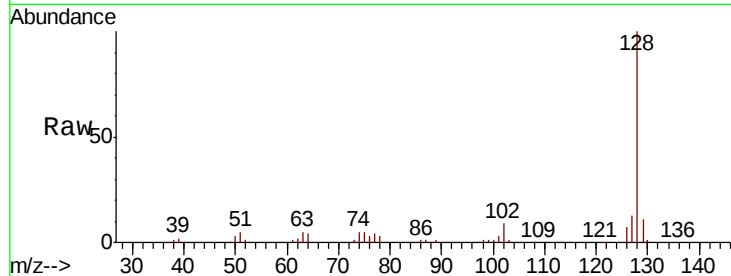




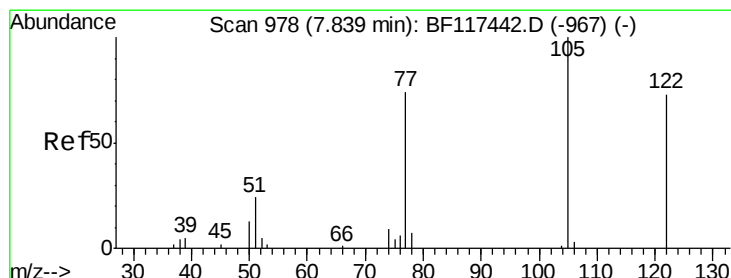
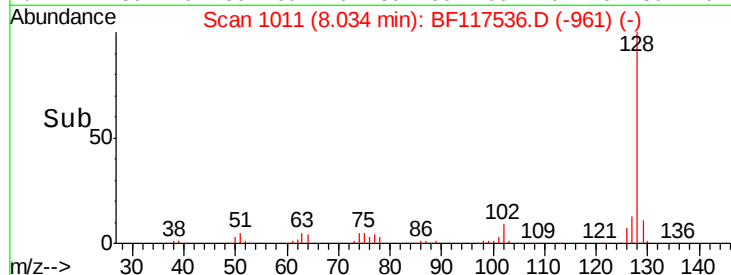
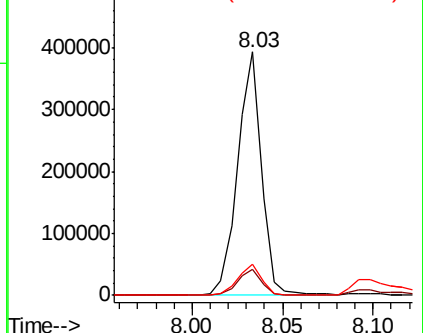
#31
Naphthalene
Concen: 45.493 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:128 Resp: 359202
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.2 15.2

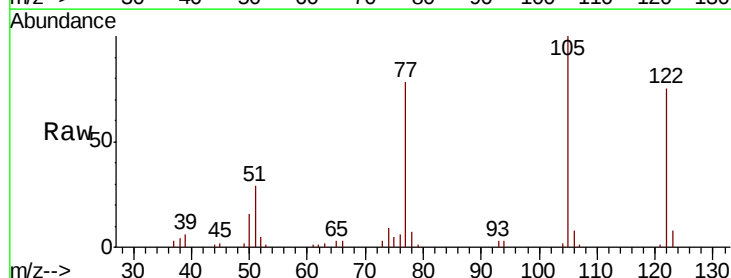


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

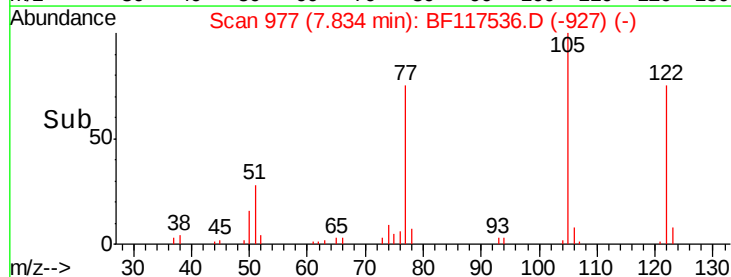
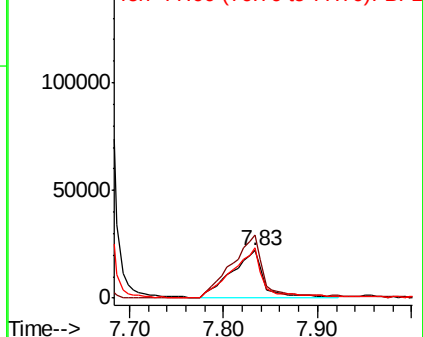


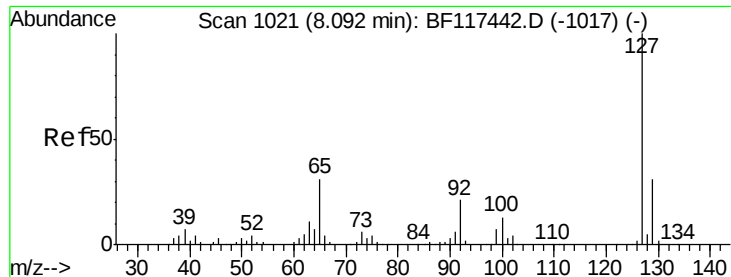
#32
Benzoic acid
Concen: 36.306 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:122 Resp: 51226
Ion Ratio Lower Upper
122 100
105 133.6 115.0 155.0
77 104.5 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

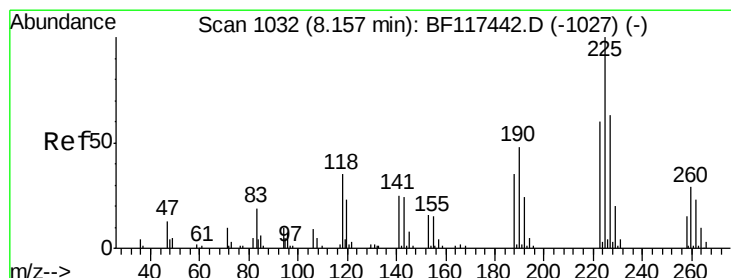
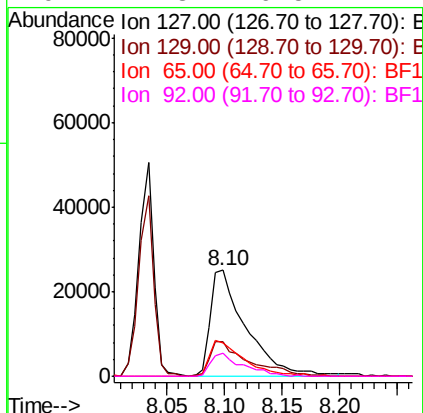
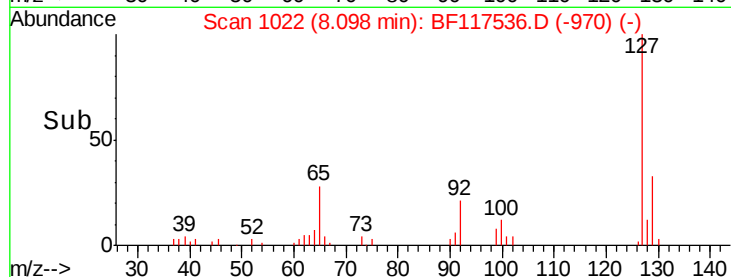
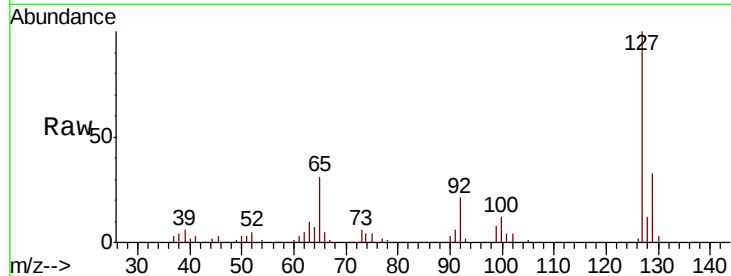




#33
4-Chloroaniline
Concen: 16.075 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

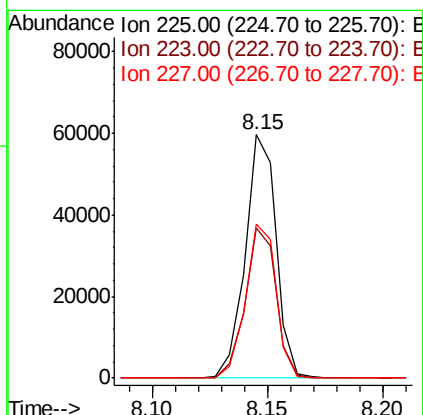
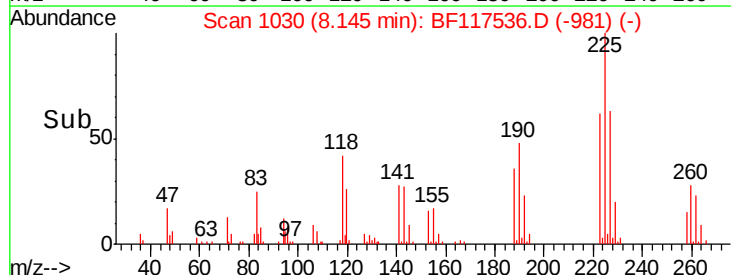
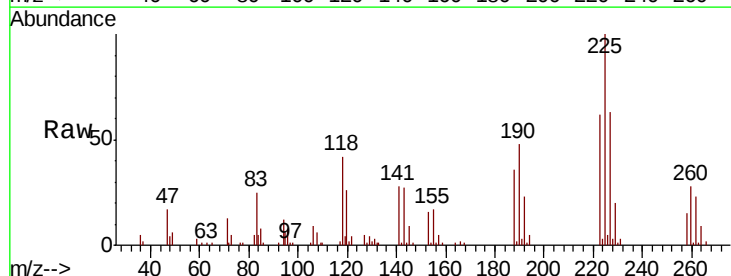
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

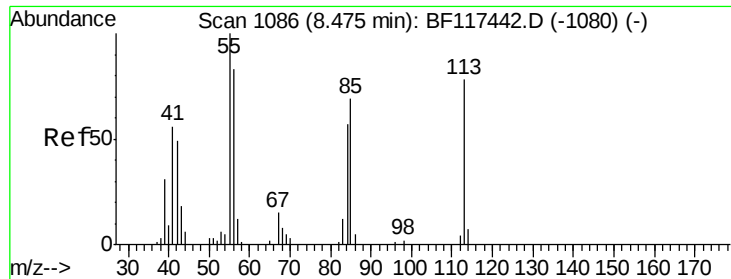
Tot Ion:	127	Resp:	53568
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.8	37.2
65	31.0	24.6	37.0
92	21.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.684 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:	225	Resp:	55942
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.2	72.4
227	63.1	50.2	75.4

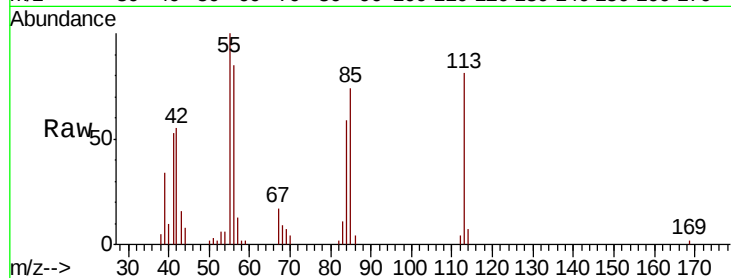




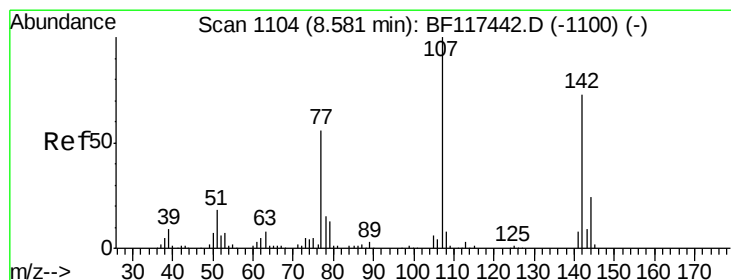
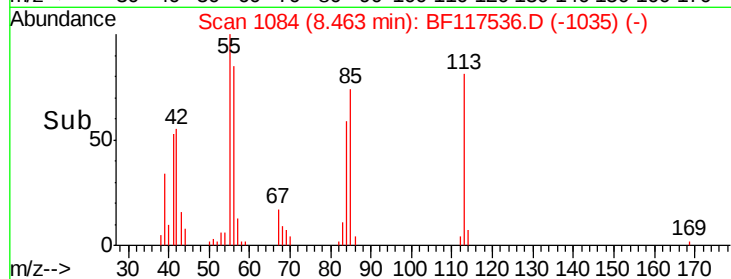
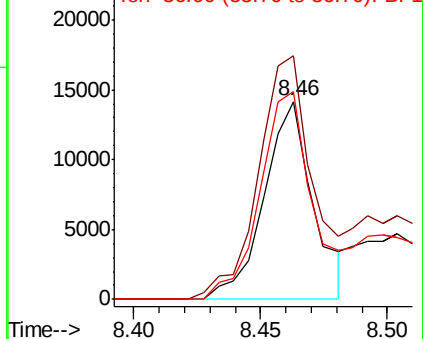
#35
 Caprolactam
 Concen: 27.486 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:113 Resp: 19078
 Ion Ratio Lower Upper
 113 100
 55 123.2 108.8 148.8
 56 105.2 87.2 127.2

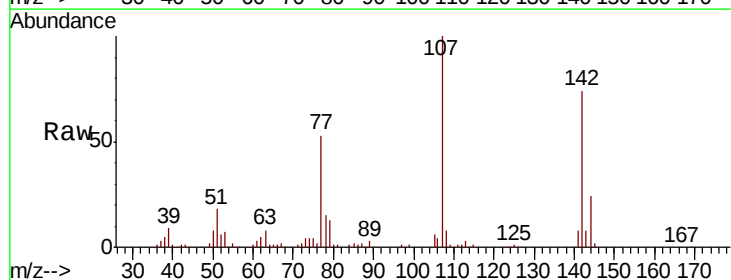


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

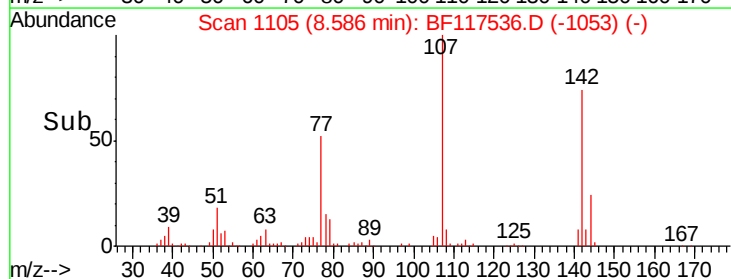
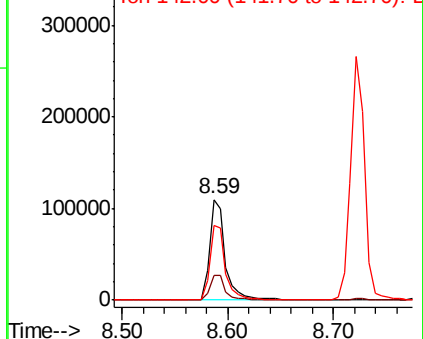


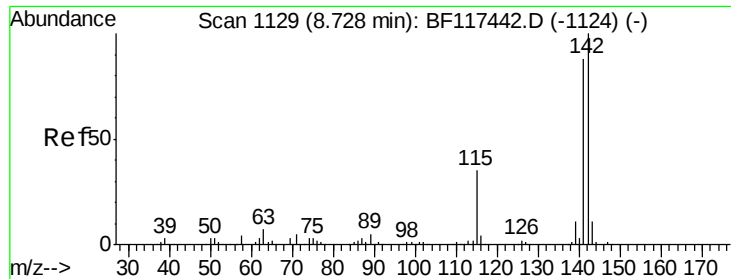
#36
 4-Chloro-3-methylphenol
 Concen: 46.439 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:107 Resp: 114433
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.9 28.3
 142 73.9 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

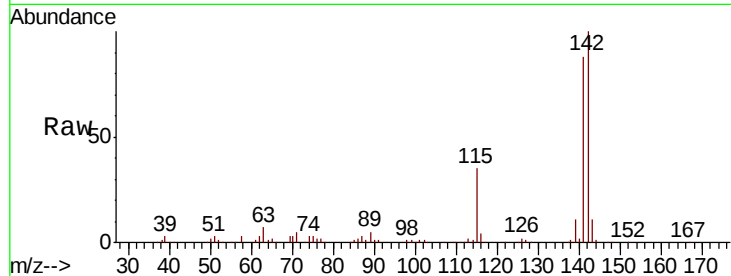




#37
2-Methylnaphthalene
Concen: 46.131 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	35.2	28.2	42.2

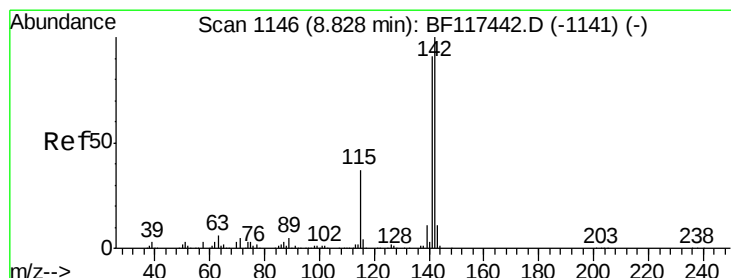
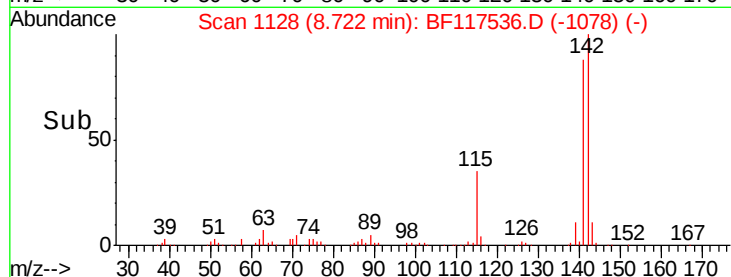
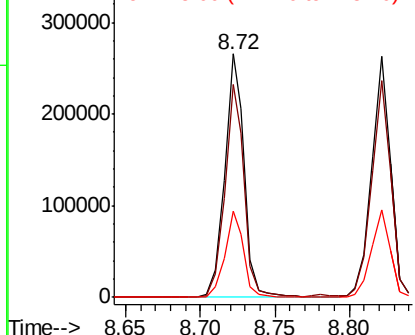


Abundance

Ion 142.00 (141.70 to 142.70): E

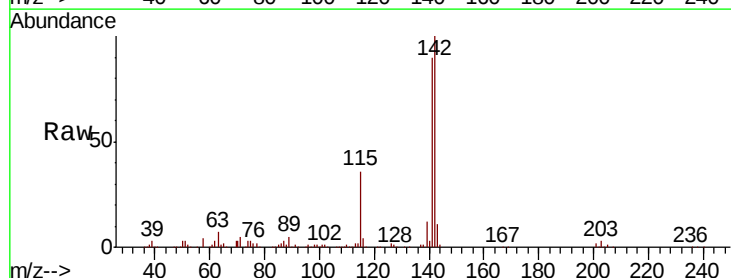
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.425 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.3	109.9
116	3.5	3.1	4.7

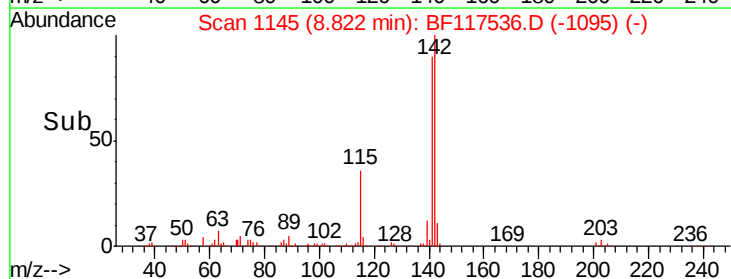
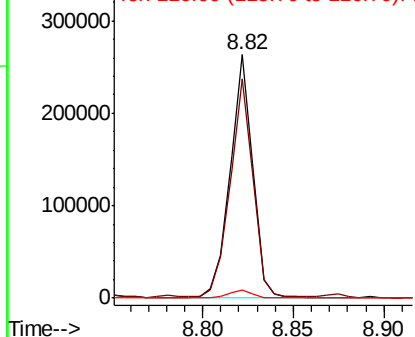


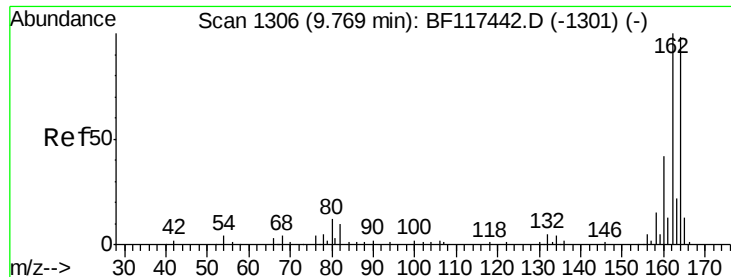
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

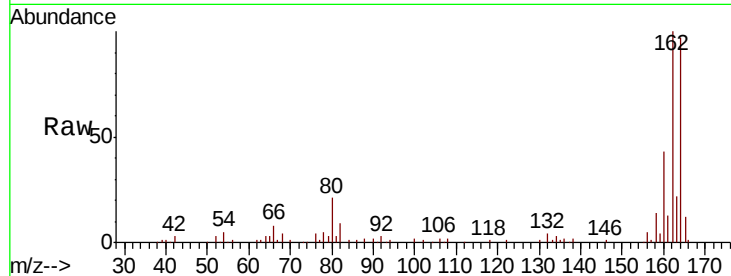




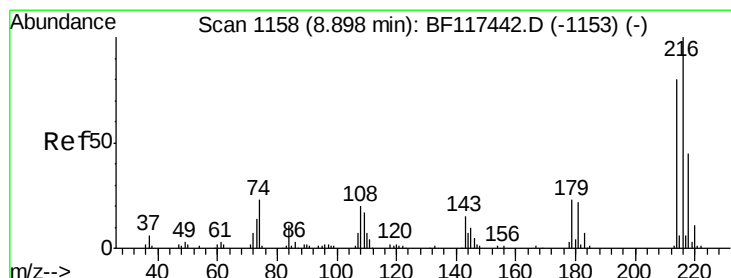
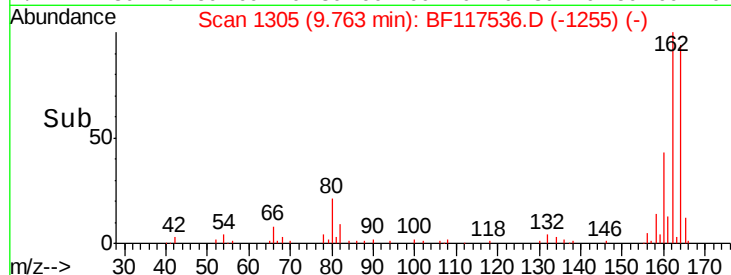
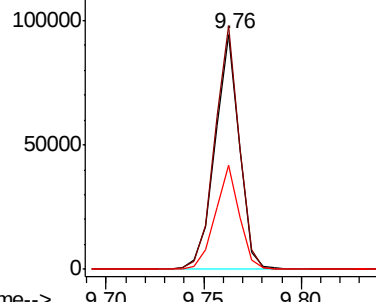
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:164 Resp: 81332
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.8 122.6
 160 44.5 34.4 51.6

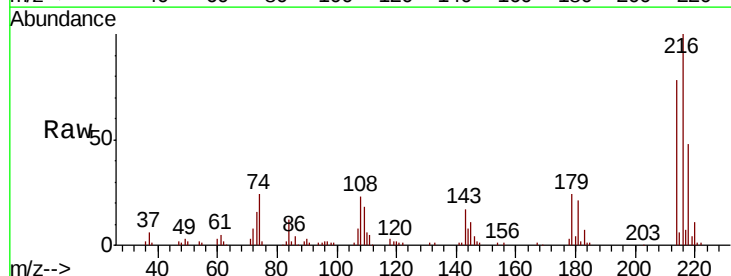


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

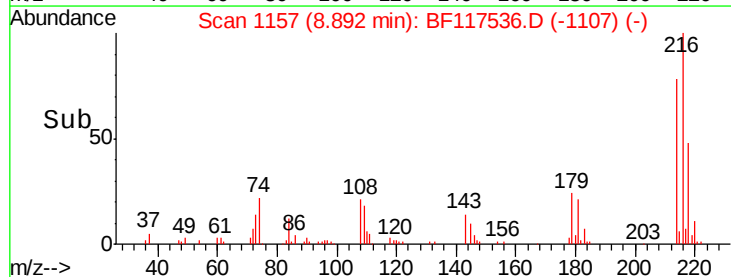
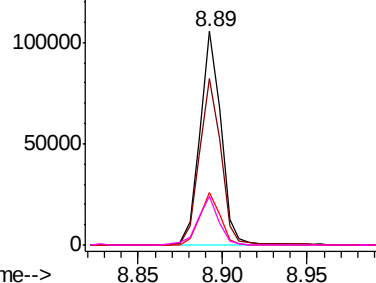


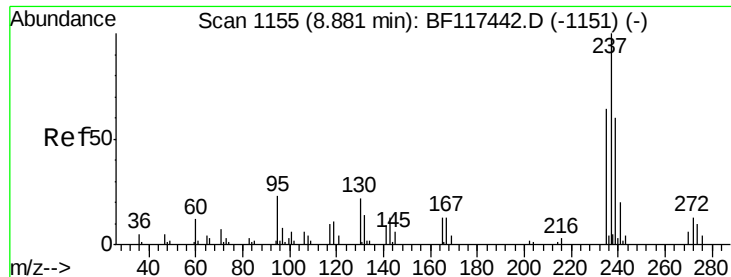
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.416 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:216 Resp: 90725
 Ion Ratio Lower Upper
 216 100
 214 79.8 62.4 93.6
 179 23.5 18.1 27.1
 108 22.2 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: 45.073 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

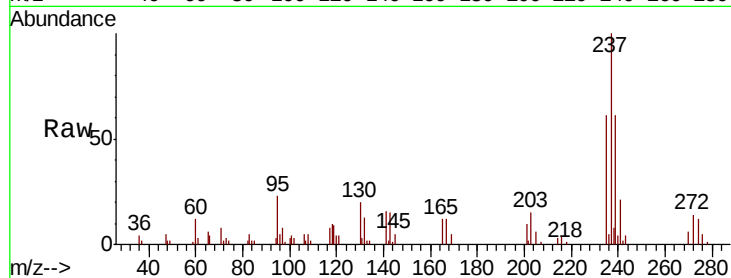
Tot Ion:237 Resp: 20242

Ion Ratio Lower Upper

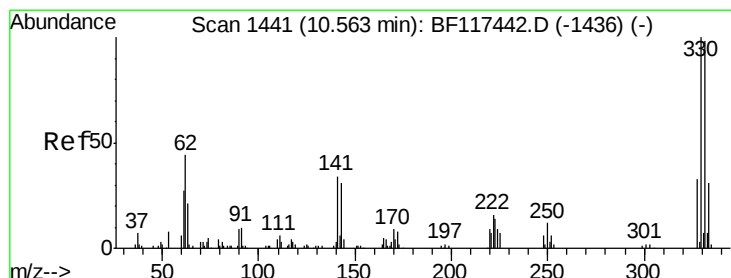
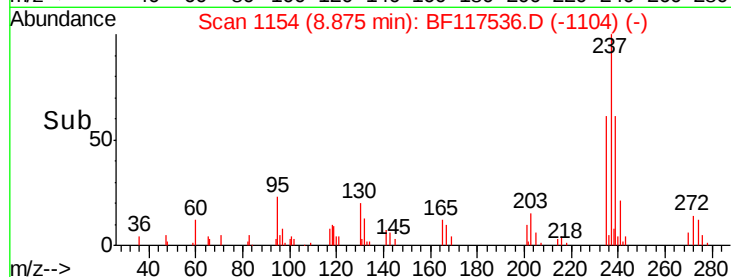
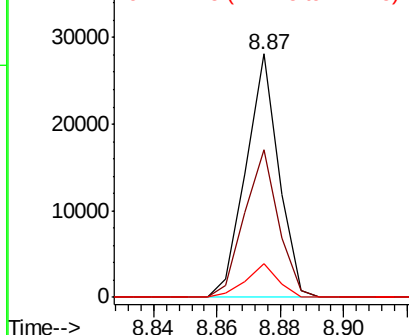
237 100

235 60.8 44.3 84.3

272 13.7 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 107.919 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

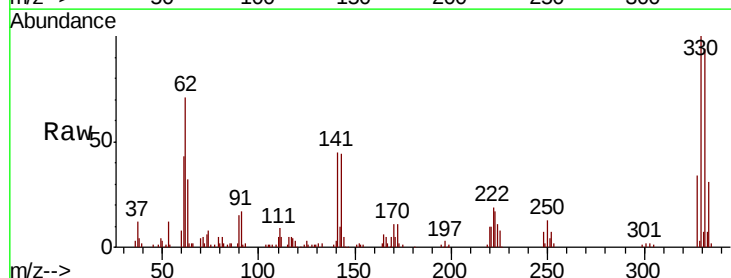
Tgt Ion:330 Resp: 75946

Ion Ratio Lower Upper

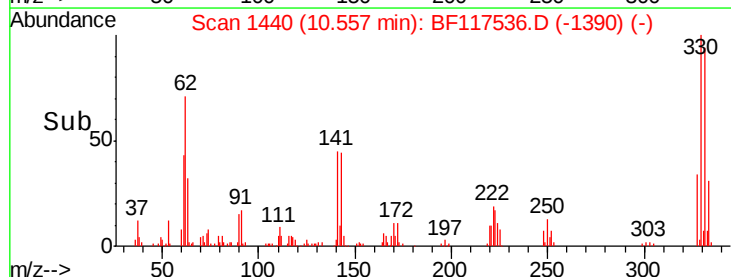
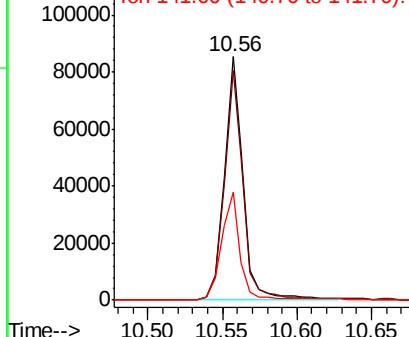
330 100

332 93.9 78.5 117.7

141 43.0 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

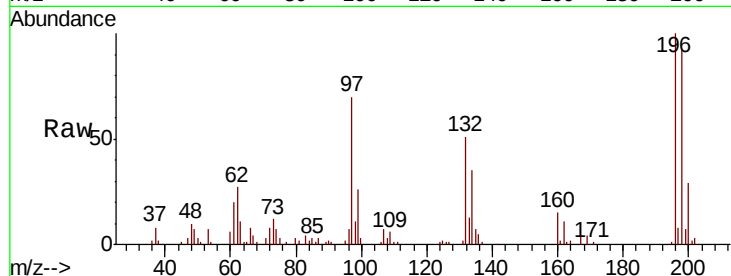




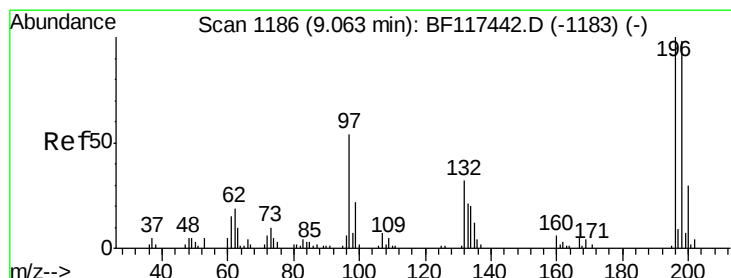
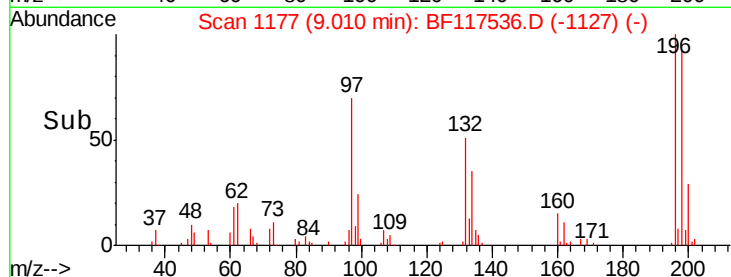
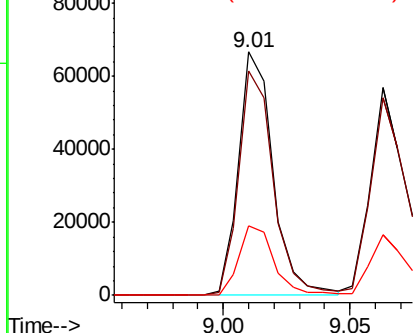
#43
 2,4,6-Trichlorophenol
 Concen: 46.160 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:196	Resp:	63323
Ion Ratio	Lower	Upper
196	100	
198	92.1	74.1 111.1
200	28.6	23.9 35.9

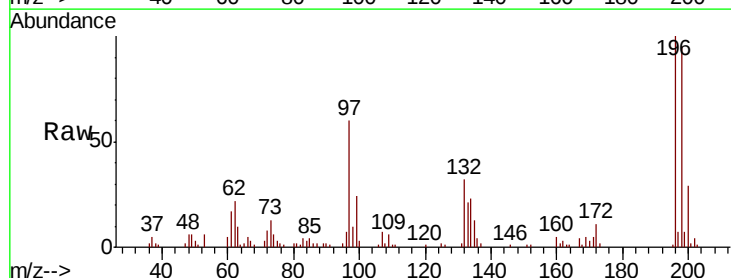


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

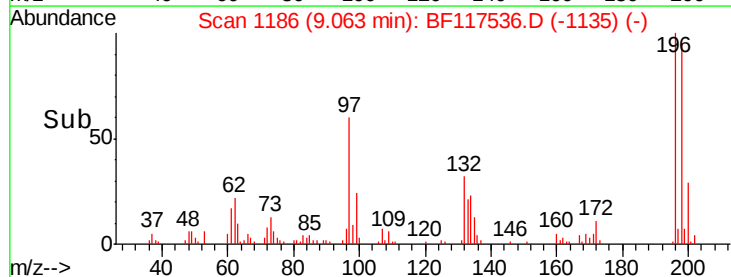
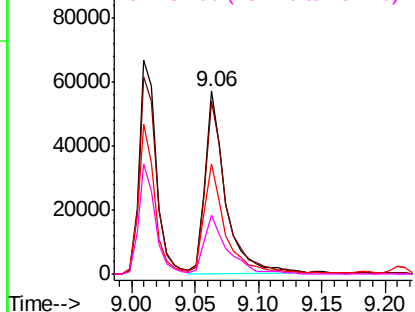


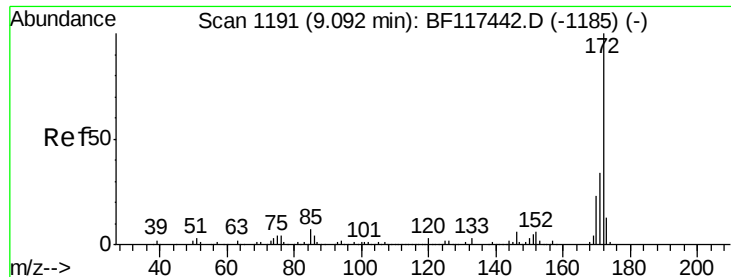
#44
 2,4,5-Trichlorophenol
 Concen: 45.774 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:196	Resp:	63629
Ion Ratio	Lower	Upper
196	100	
198	94.8	78.6 117.8
97	60.2	43.4 65.2
132	32.1	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

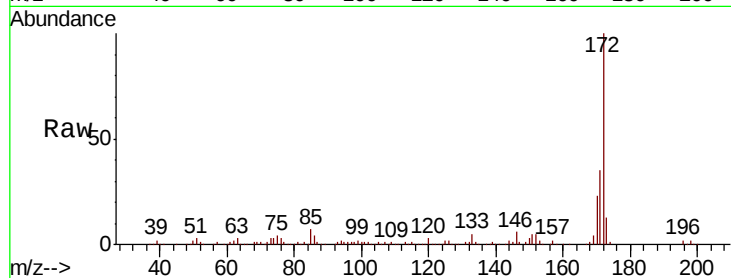




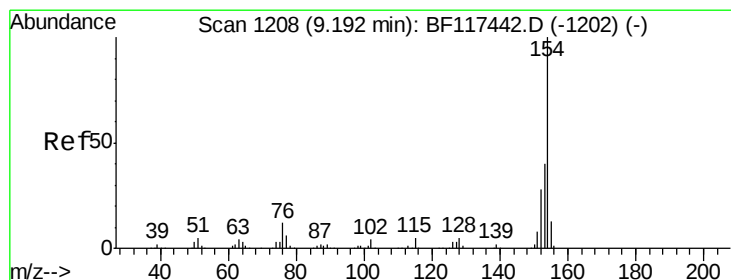
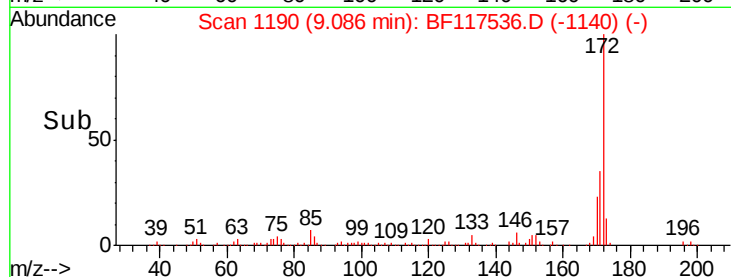
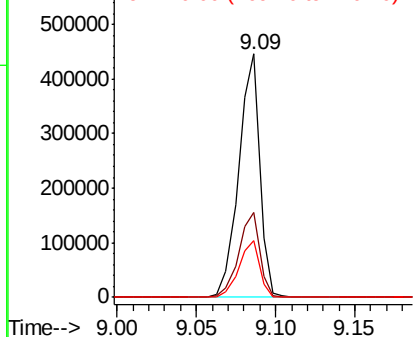
#45
2-Fluorobiphenyl
Concen: 71.179 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:172 Resp: 410874
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 23.2 18.6 27.8

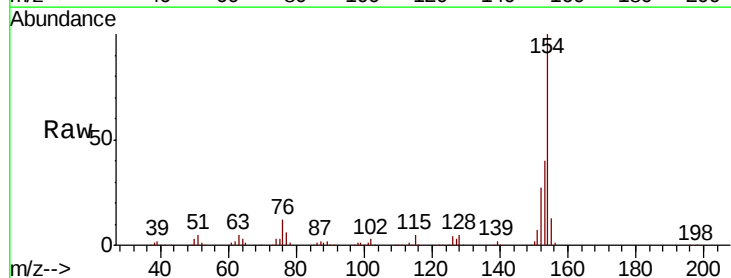


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

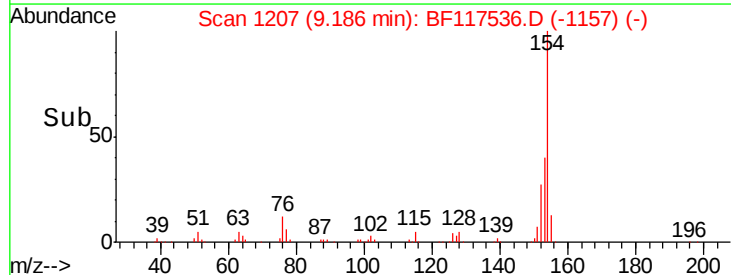
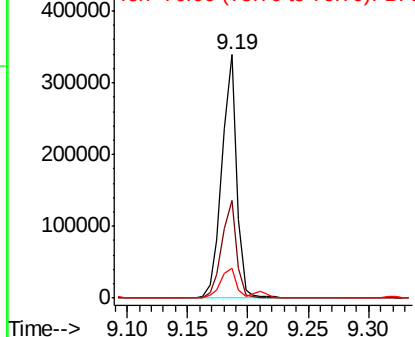


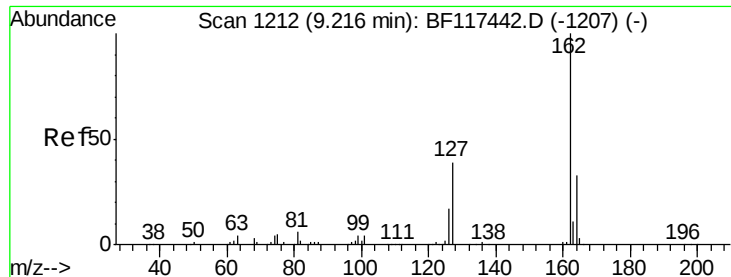
#46
1,1'-Biphenyl
Concen: 42.592 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:154 Resp: 286779
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.0 0.0 32.1



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

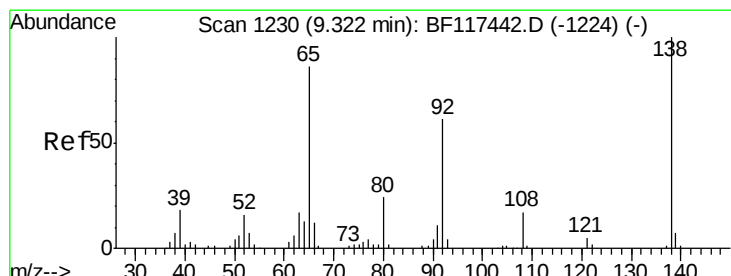
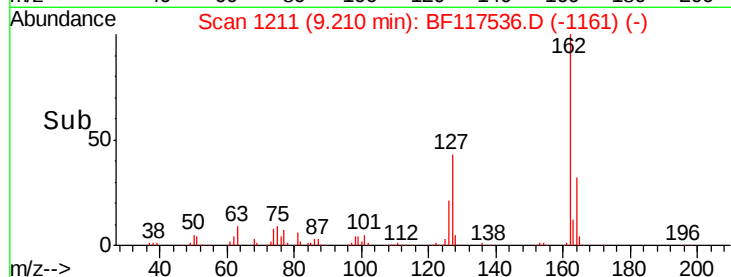
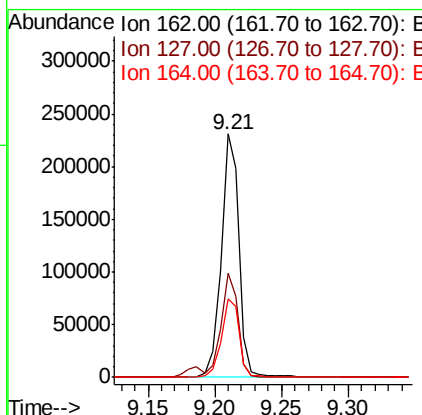
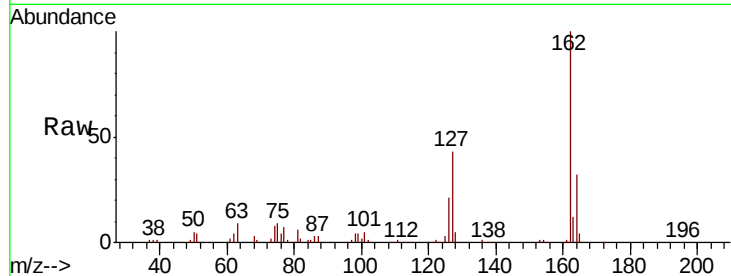




#47
 2-Chloronaphthalene
 Concen: 42.420 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

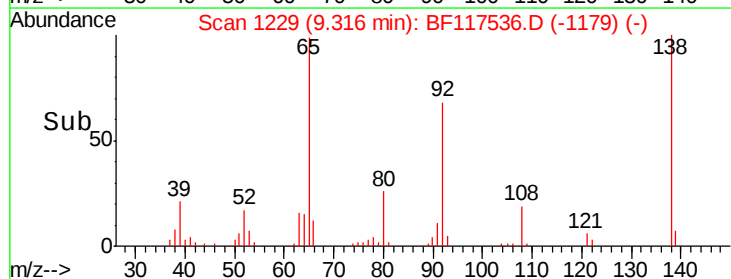
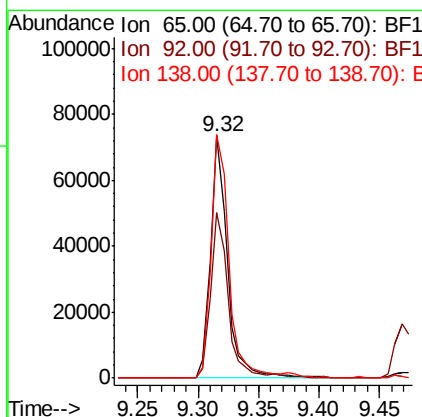
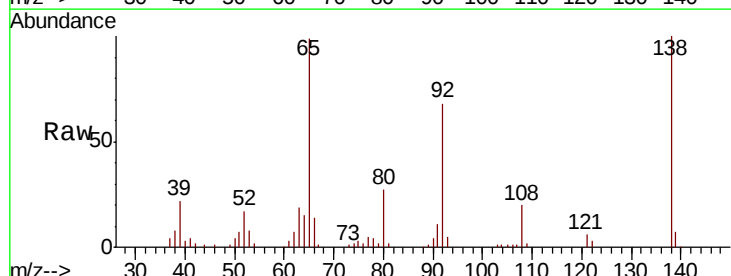
Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.2	51.4
164	32.5	26.4	39.6



#48
 2-Nitroaniline
 Concen: 42.761 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.3	85.9
138	100.6	93.3	139.9





#49

Acenaphthylene

Concen: 46.009 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

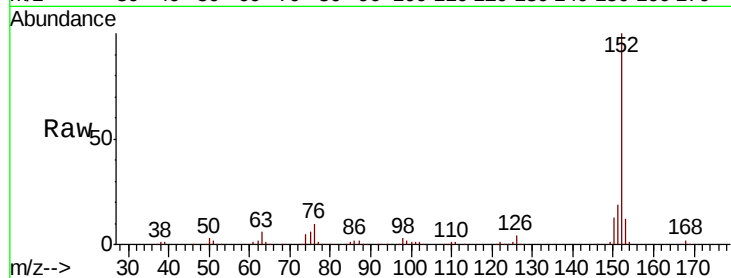
Tot Ion:152 Resp: 343084

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

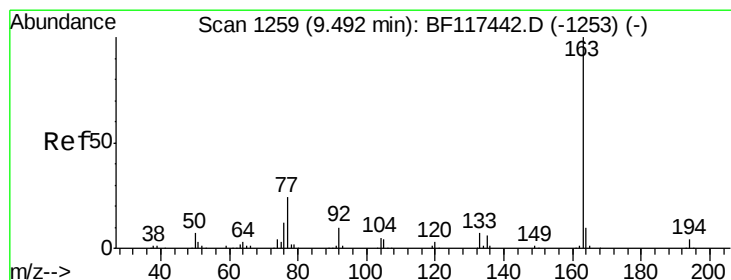
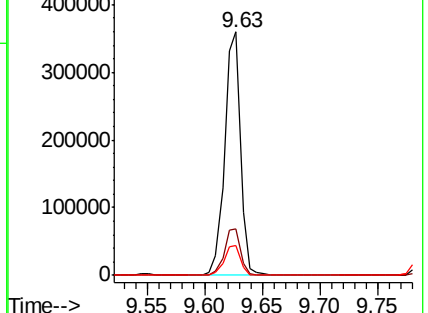
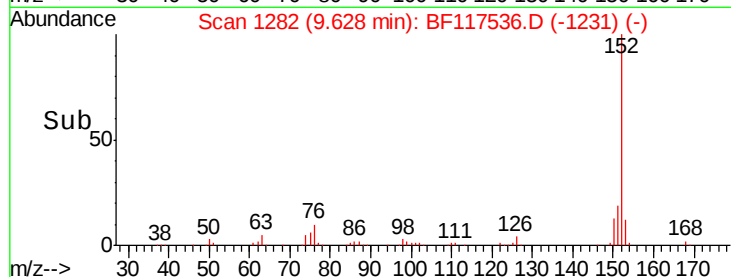
153 12.2 10.3 15.5



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: 53.267 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

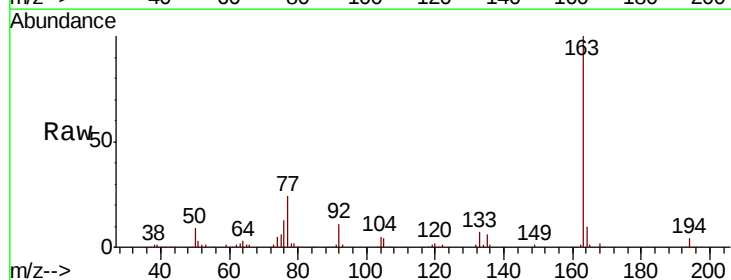
Tgt Ion:163 Resp: 308847

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

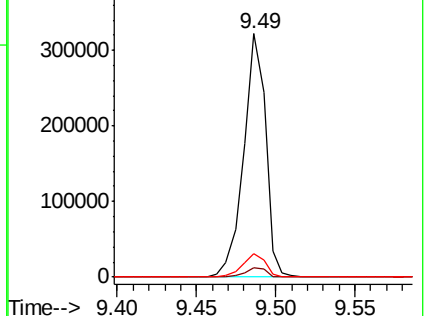
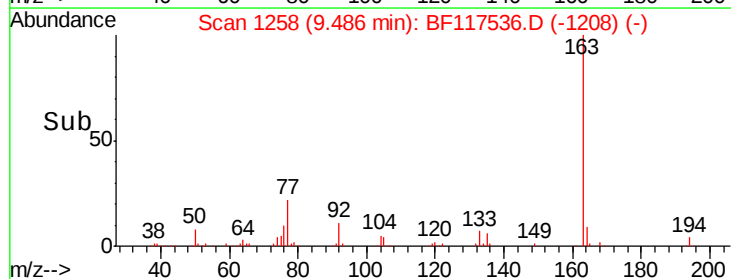
164 9.6 8.2 12.2



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

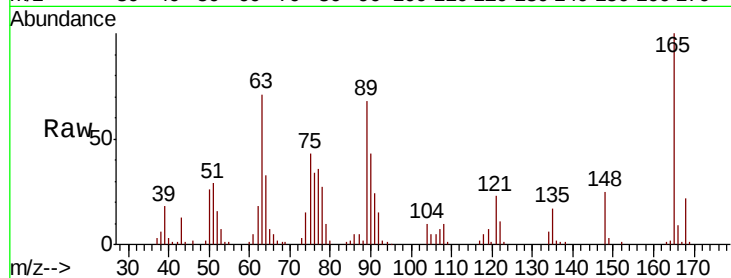




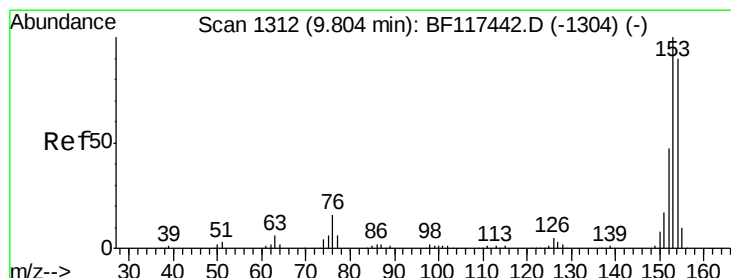
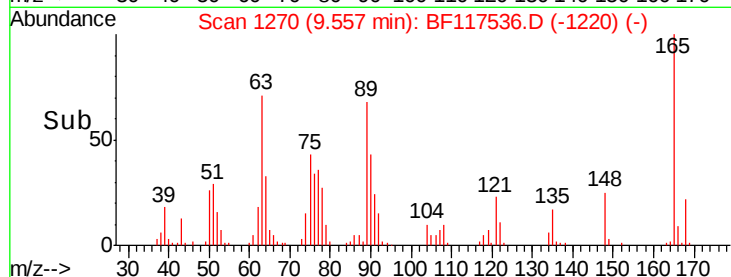
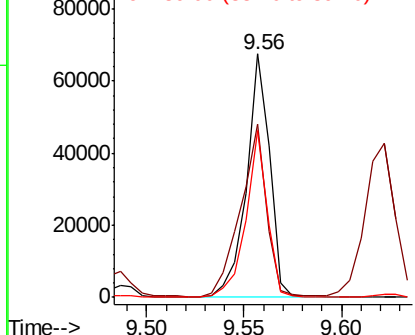
#51
 2,6-Dinitrotoluene
 Concen: 45.882 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:165 Resp: 55513
 Ion Ratio Lower Upper
 165 100
 63 71.2 43.8 65.8#
 89 68.3 47.6 71.4

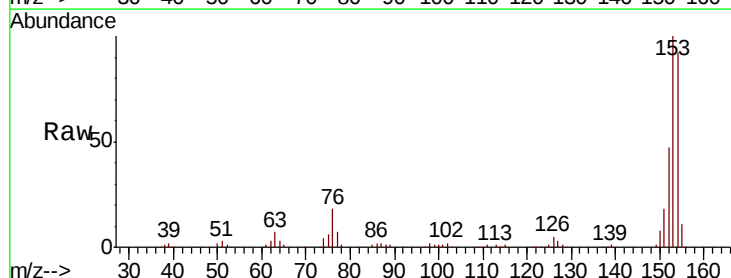


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

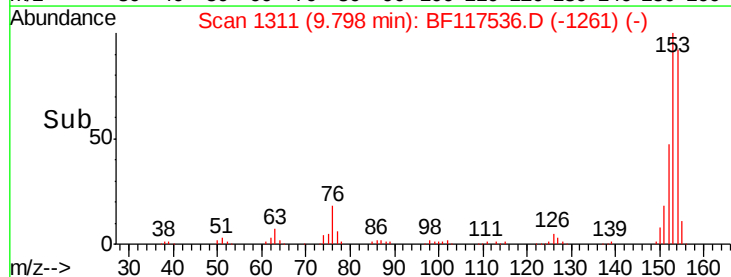
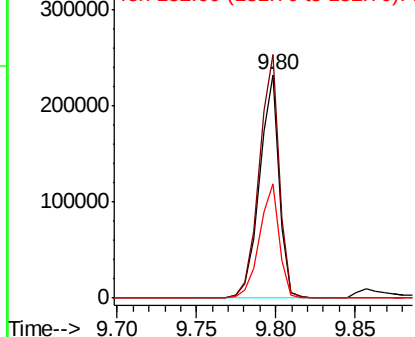


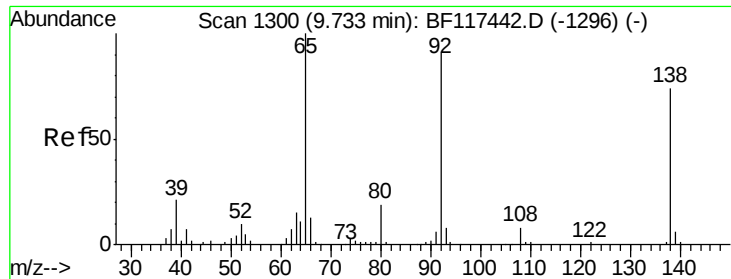
#52
 Acenaphthene
 Concen: 44.025 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:154 Resp: 201413
 Ion Ratio Lower Upper
 154 100
 153 109.1 89.2 133.8
 152 51.4 41.8 62.6



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

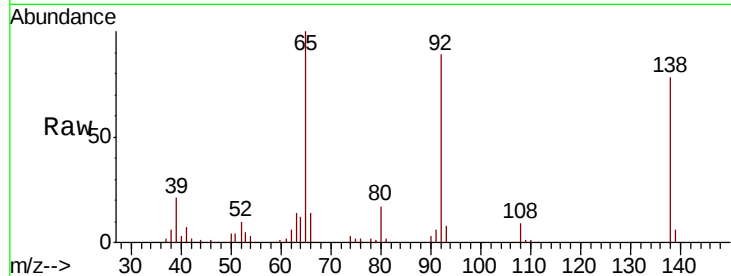




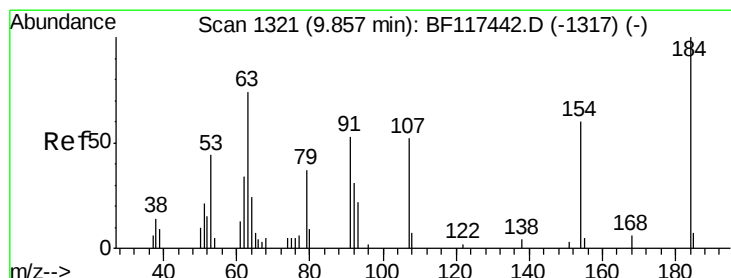
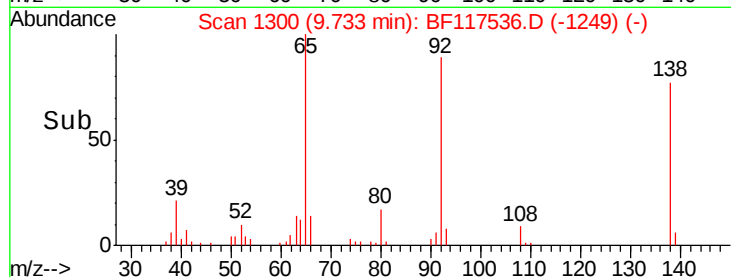
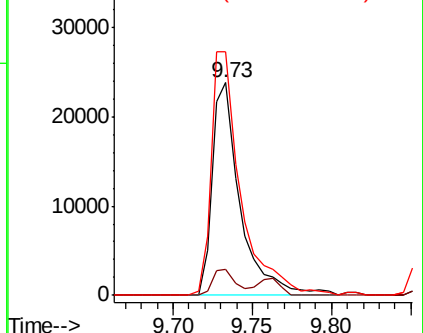
#53
3-Nitroaniline
Concen: 19.928 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:138 Resp: 29255
Ion Ratio Lower Upper
138 100
108 12.1 8.7 13.1
92 114.4 98.4 147.6

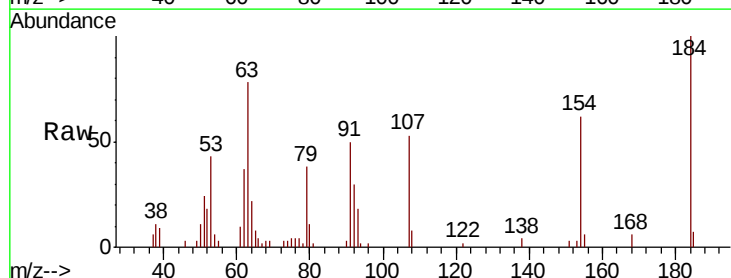


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

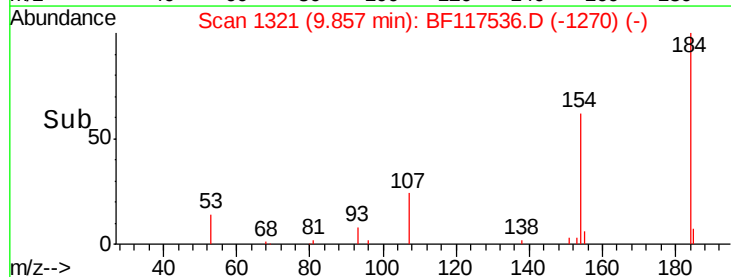
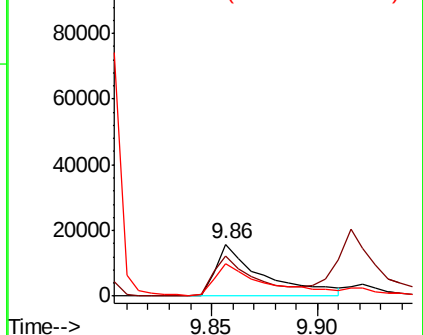


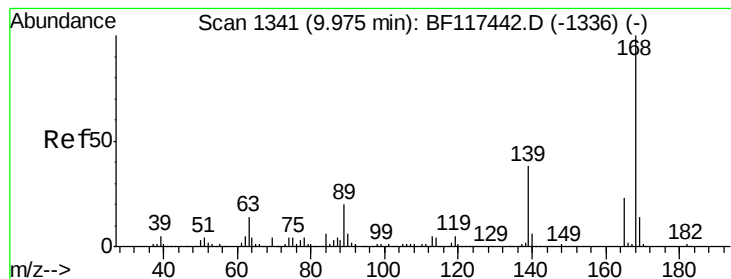
#54
2,4-Dinitrophenol
Concen: 50.137 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:184 Resp: 24204
Ion Ratio Lower Upper
184 100
63 78.3 59.2 88.8
154 62.4 53.4 80.0



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





#55

Dibenzofuran

Concen: 45.593 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

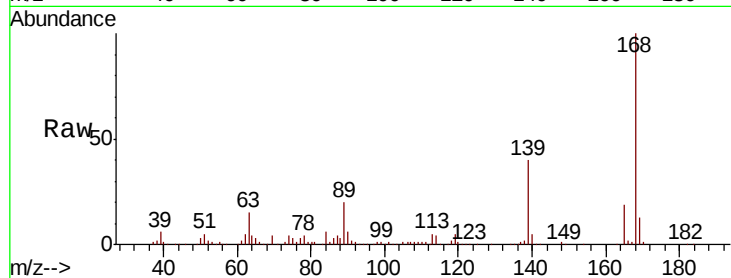
Tot Ion:168 Resp: 302205

Ion Ratio Lower Upper

168 100

139 40.1 31.8 47.6

169 12.9 11.2 16.8

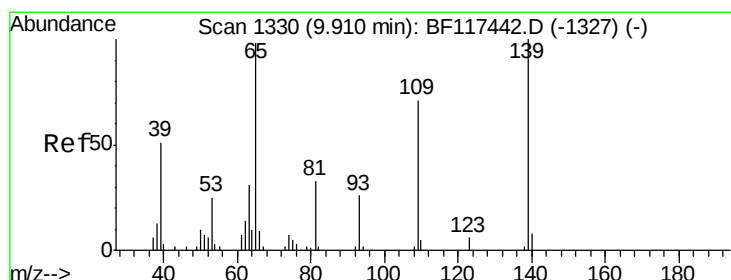
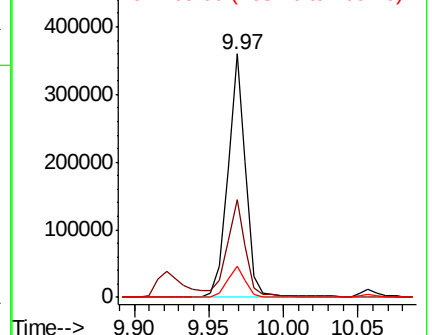
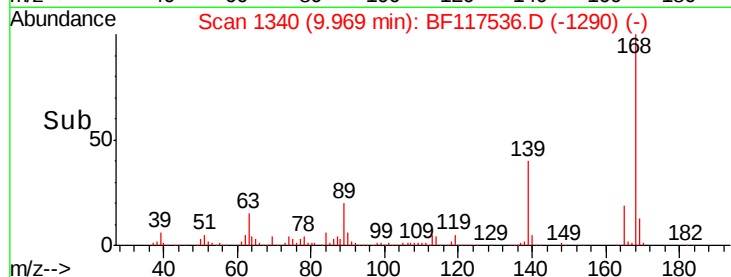


Abundance

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: 77.075 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

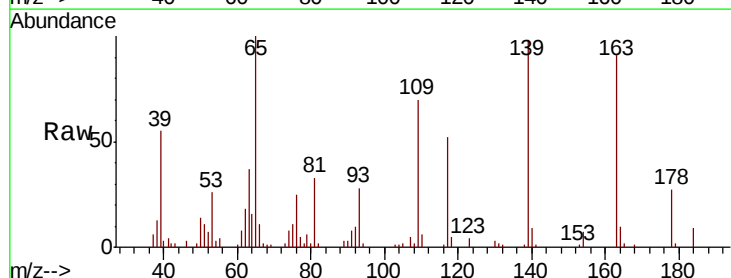
Tgt Ion:139 Resp: 51976

Ion Ratio Lower Upper

139 100

109 70.9 51.4 91.4

65 102.0 79.4 119.4

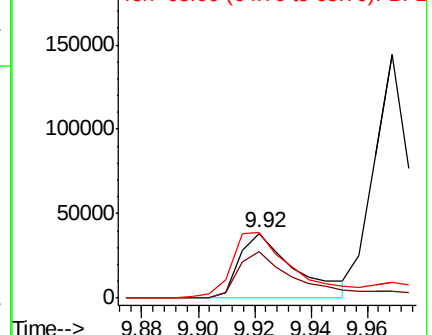
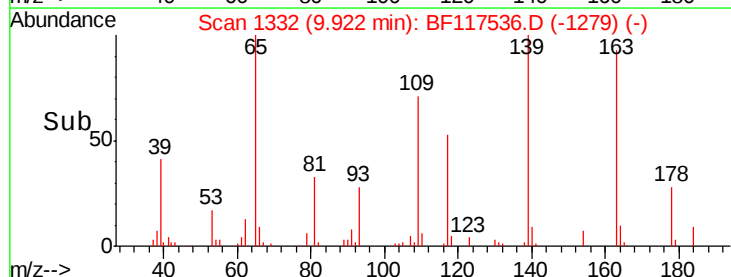


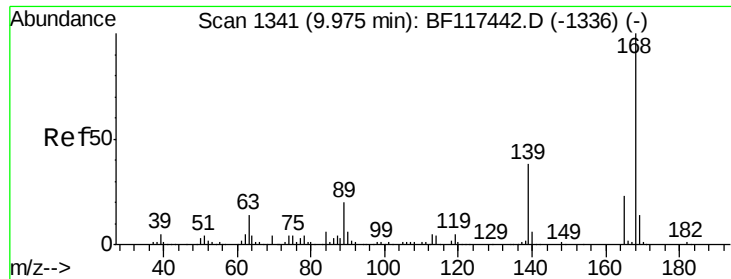
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

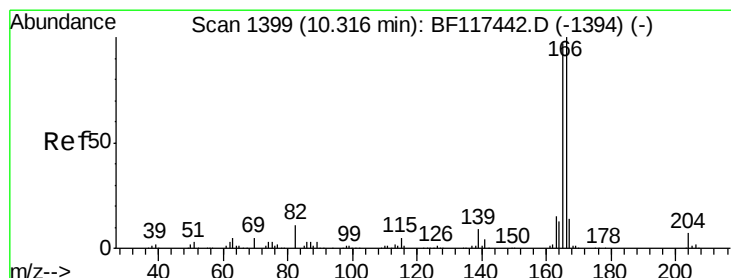
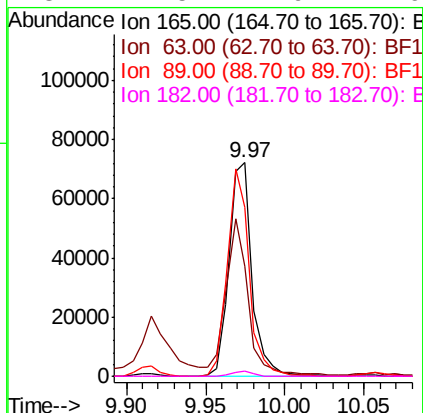
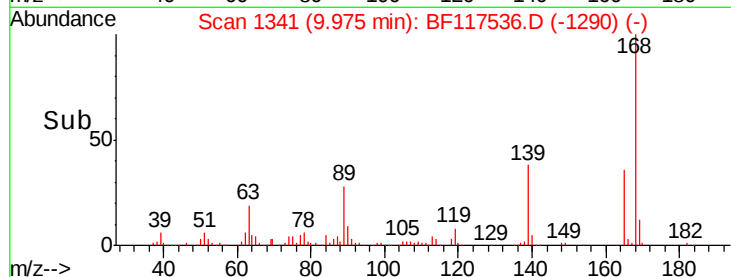
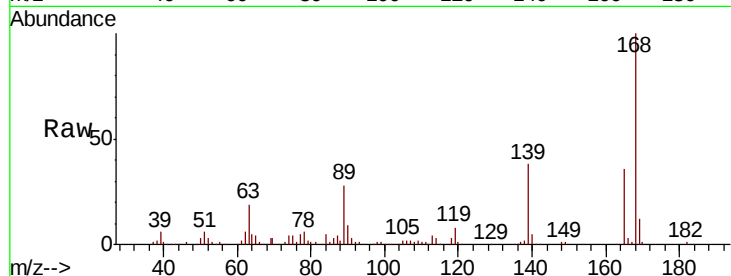




#57
2,4-Dinitrotoluene
Concen: 45.042 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

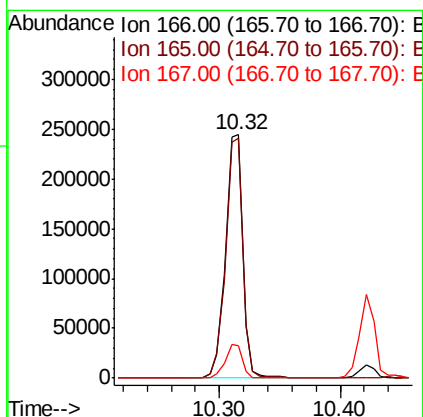
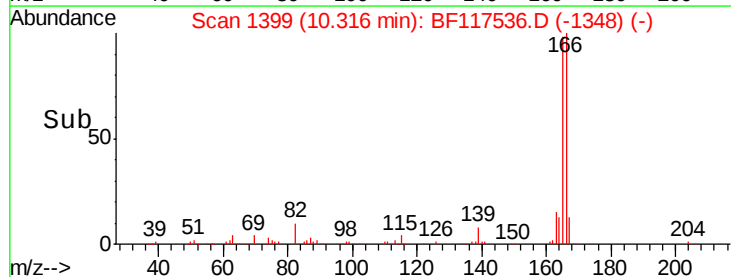
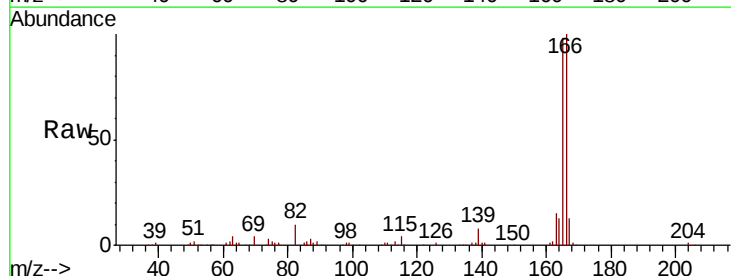
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

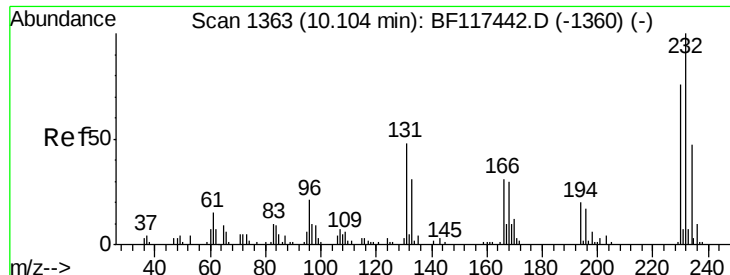
Tot Ion:165 Resp: 72455
Ion Ratio Lower Upper
165 100
63 51.6 51.4 77.0
89 79.0 69.9 104.9
182 2.5 1.9 2.9



#58
Fluorene
Concen: 44.404 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:166 Resp: 243390
Ion Ratio Lower Upper
166 100
165 98.4 77.6 116.4
167 13.1 11.0 16.4

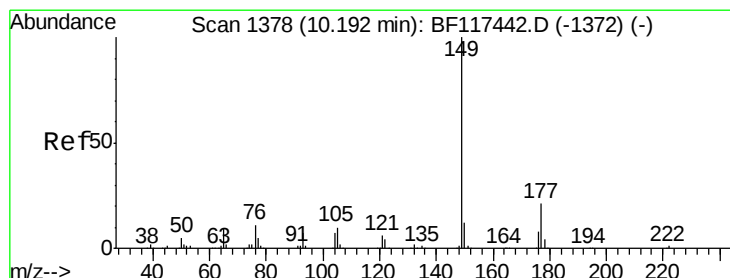
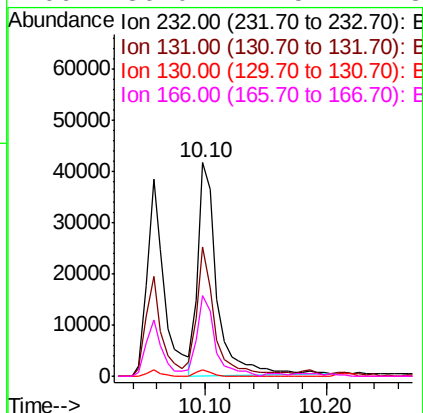
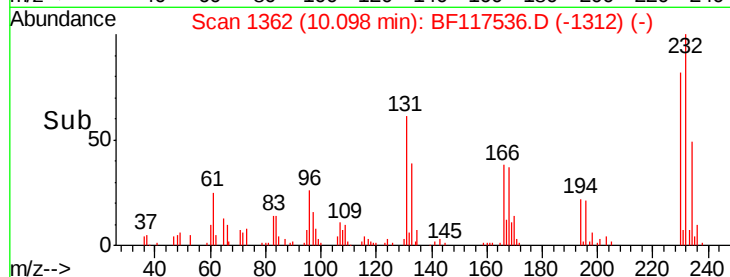
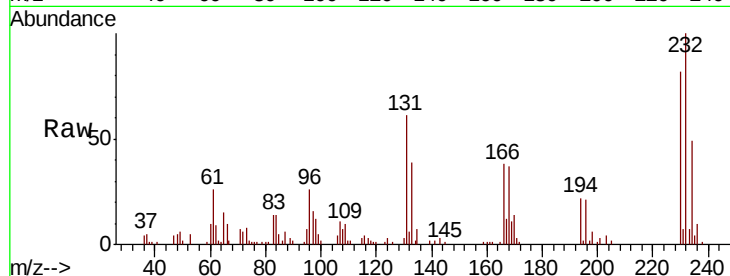




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.469 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

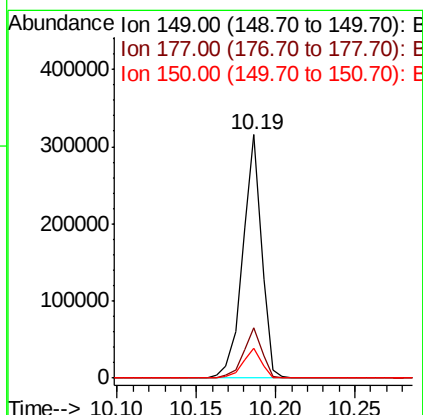
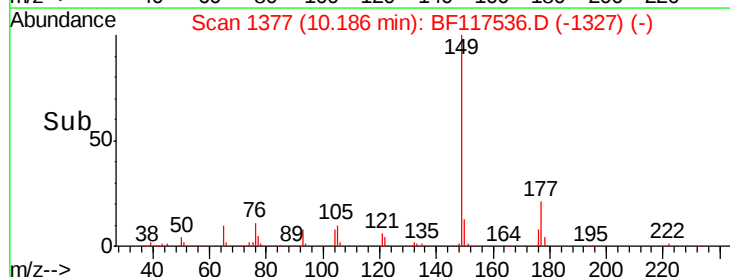
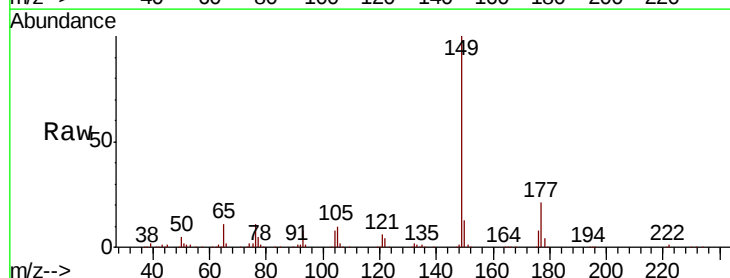
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

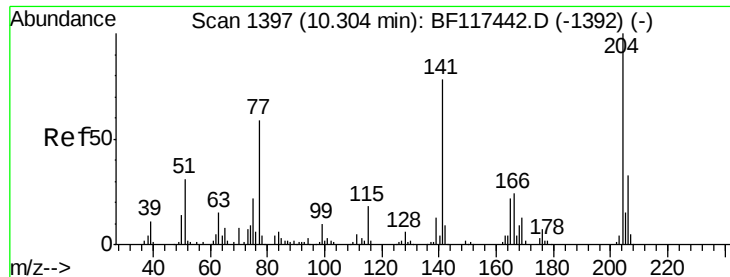
Tot Ion:232 Resp: 46399
Ion Ratio Lower Upper
232 100
131 58.7 42.6 63.8
130 2.2 2.2 3.4#
166 36.0 27.5 41.3



#60
Diethylphthalate
Concen: 44.153 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:149 Resp: 258938
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.4
150 12.5 9.8 14.6

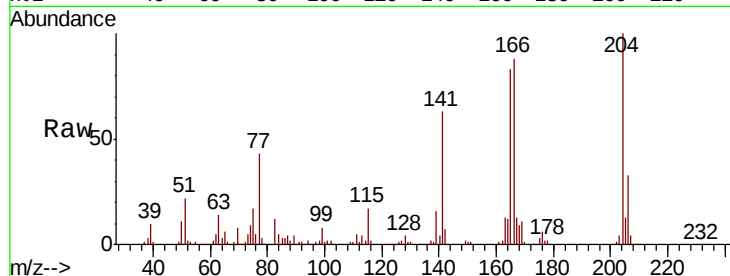




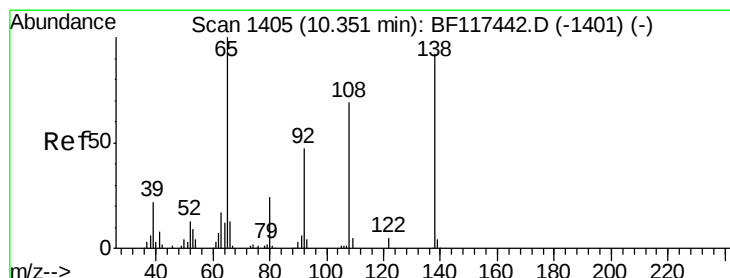
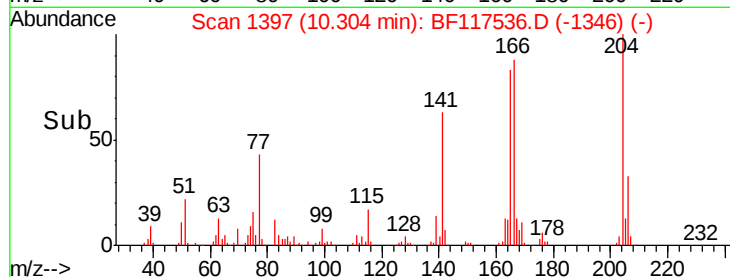
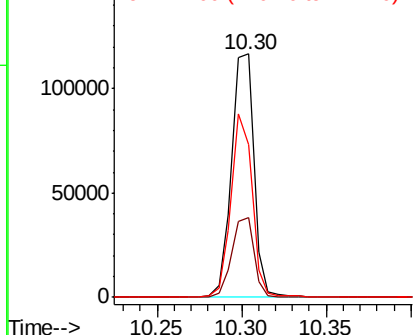
#61
4-Chlorophenyl-phenylether
Concen: 43.898 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:204 Resp: 107953
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.5 62.2 93.4

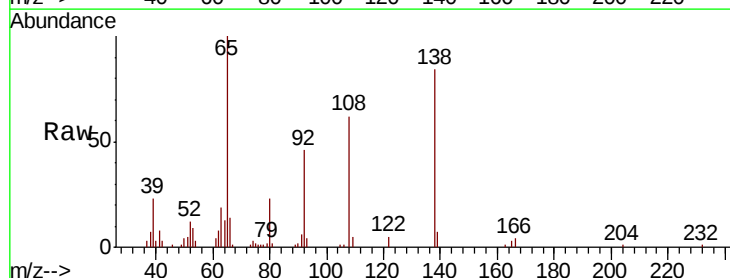


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

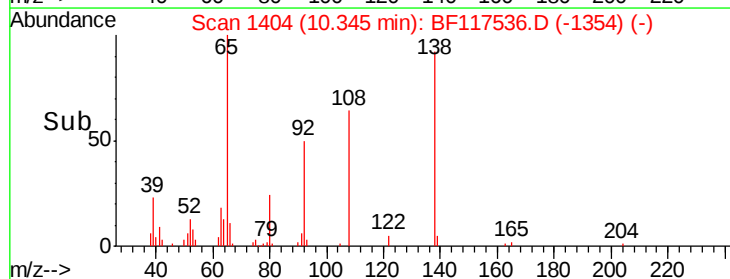
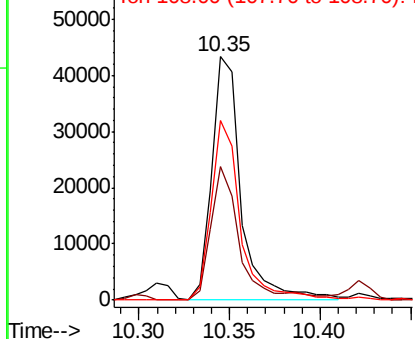


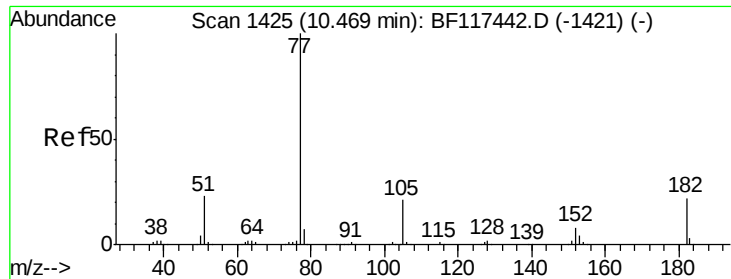
#62
4-Nitroaniline
Concen: 35.336 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:138 Resp: 48895
Ion Ratio Lower Upper
138 100
92 54.8 30.3 70.3
108 73.6 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

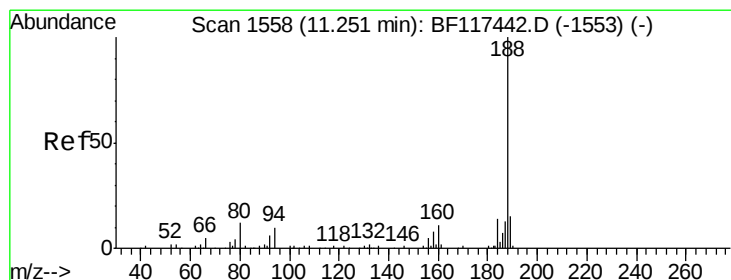
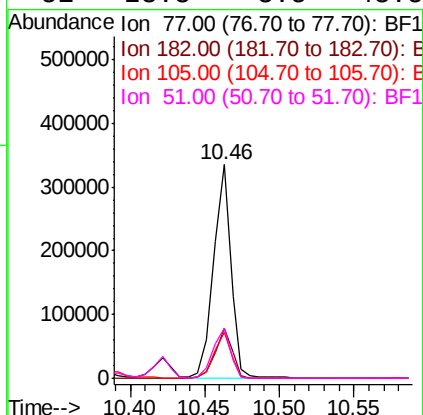
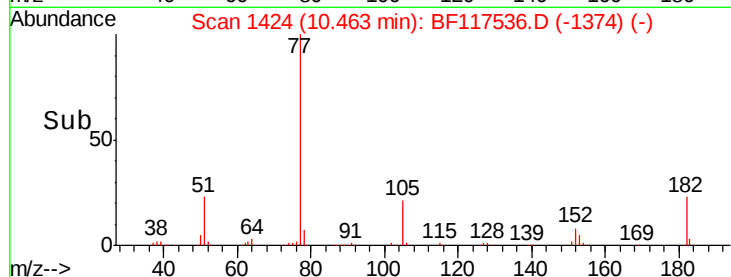
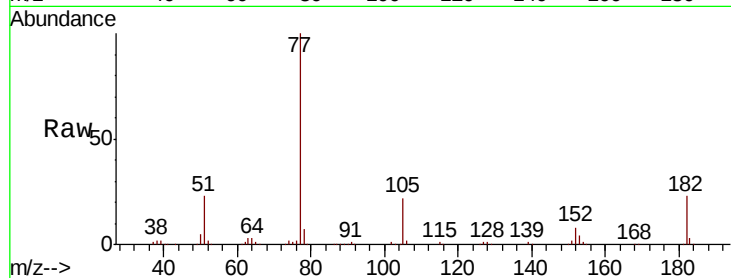




#63
Azobenzene
Concen: 45.191 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

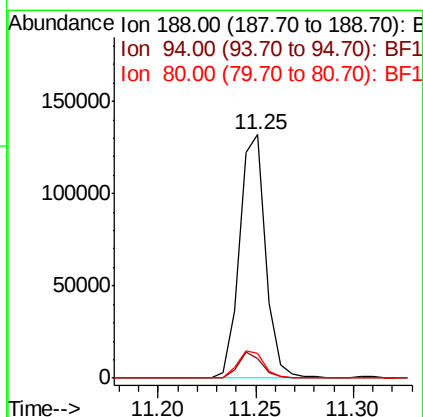
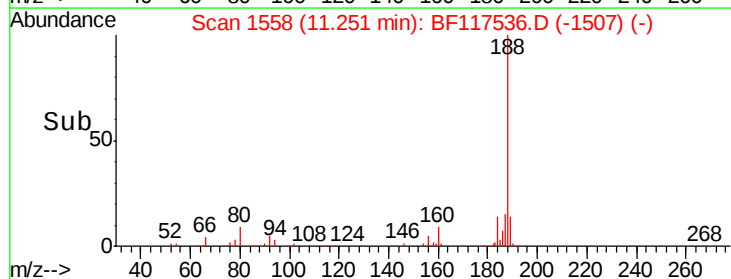
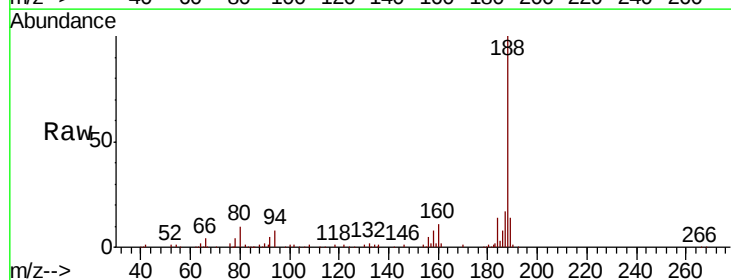
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

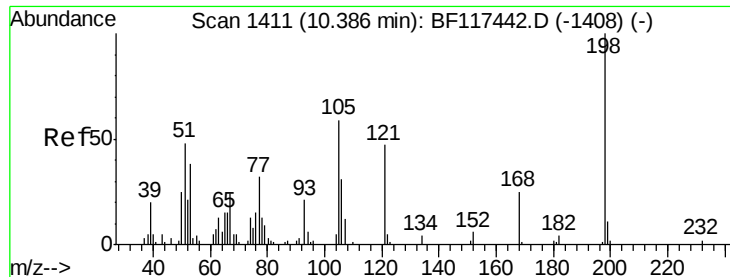
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	2.3	42.3	
105	21.7	1.3	41.3	
51	23.3	3.5	43.5	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	8.0	12.0	
80	10.0	9.5	14.3	

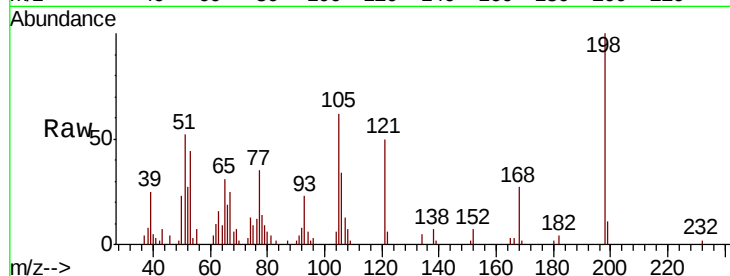




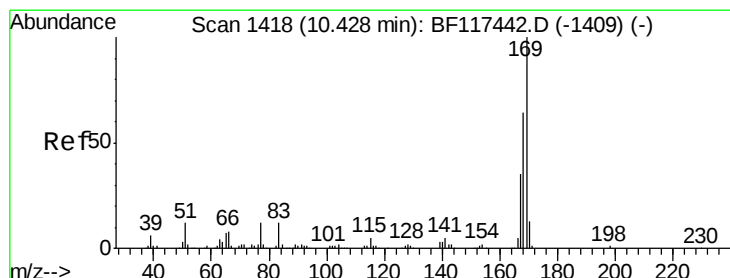
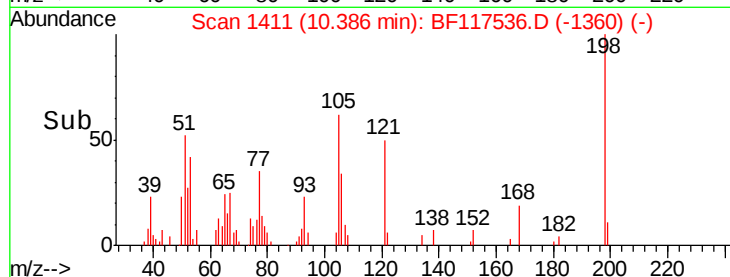
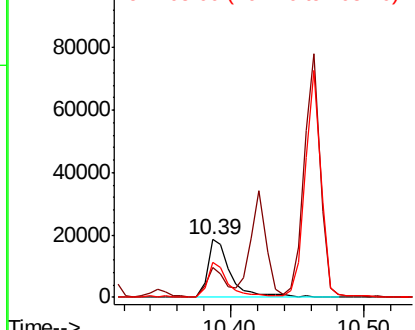
#65
4,6-Dinitro-2-methylphenol
Concen: 35.370 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:198 Resp: 22005
Ion Ratio Lower Upper
198 100
51 52.4 29.1 69.1
105 61.7 39.4 79.4

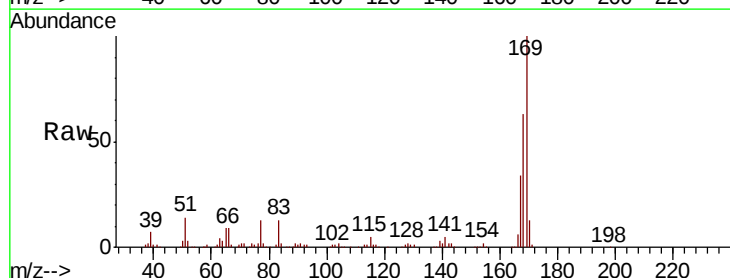


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

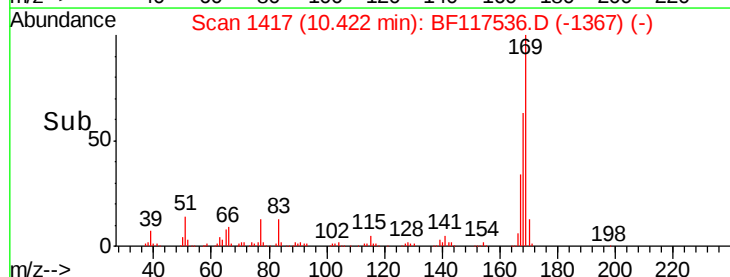
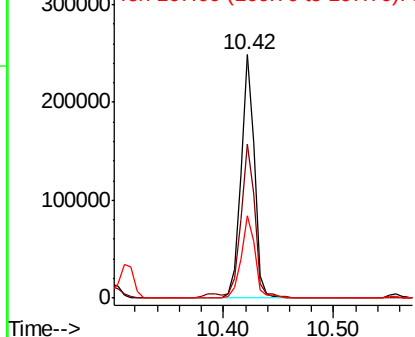


#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:169 Resp: 213417
Ion Ratio Lower Upper
169 100
168 63.5 51.3 76.9
167 34.0 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

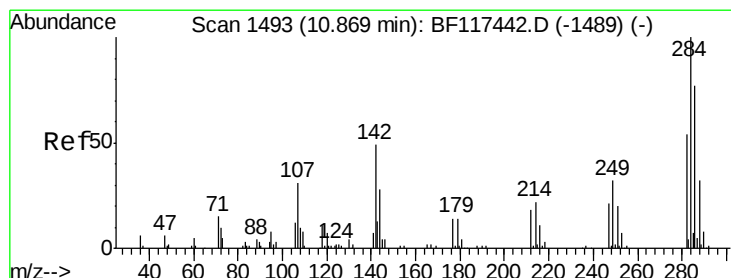
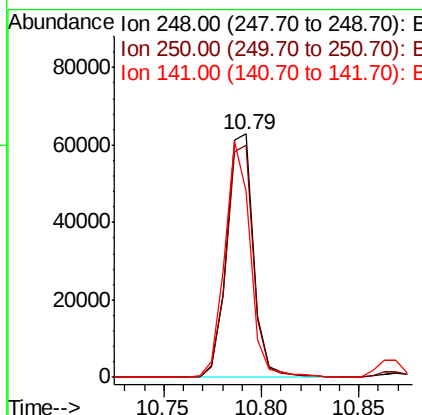
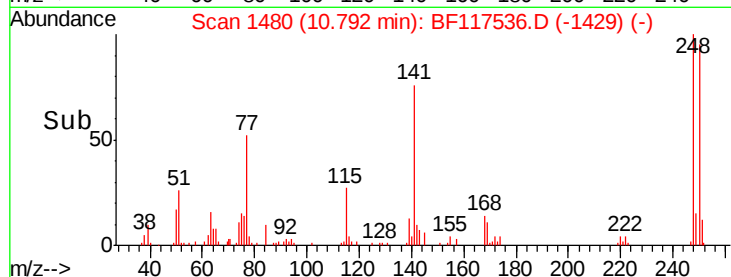
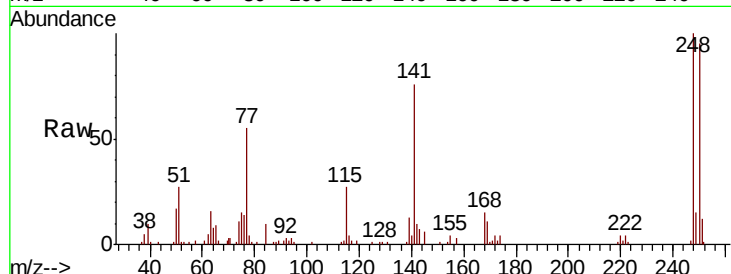




#67
 4-Bromophenyl-phenylether
 Concen: 45.439 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

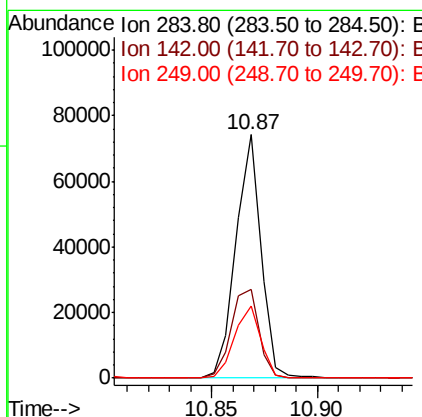
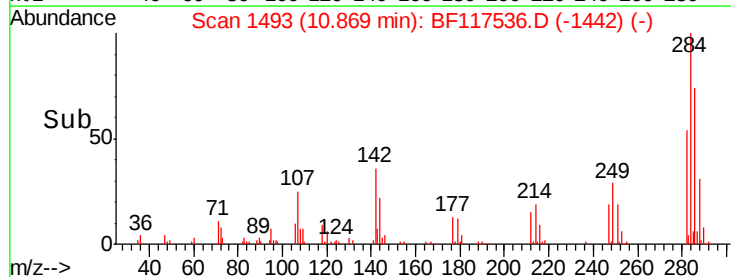
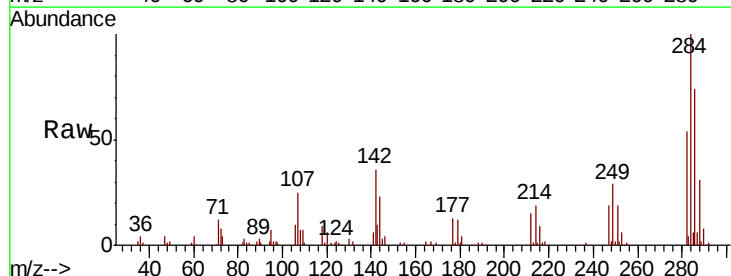
Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

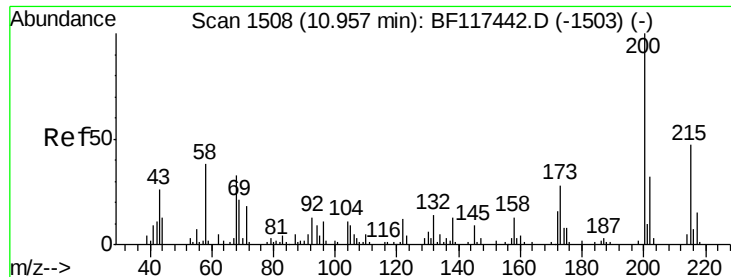
Tot Ion:248 Resp: 59890
 Ion Ratio Lower Upper
 248 100
 250 95.2 78.0 117.0
 141 76.4 81.7 122.5#



#68
 Hexachlorobenzene
 Concen: 43.144 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:284 Resp: 60899
 Ion Ratio Lower Upper
 284 100
 142 36.4 39.0 58.6#
 249 29.5 25.7 38.5

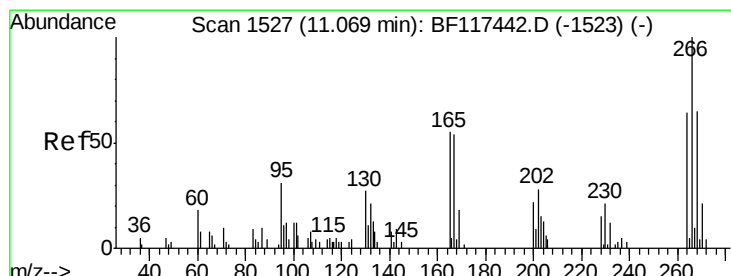
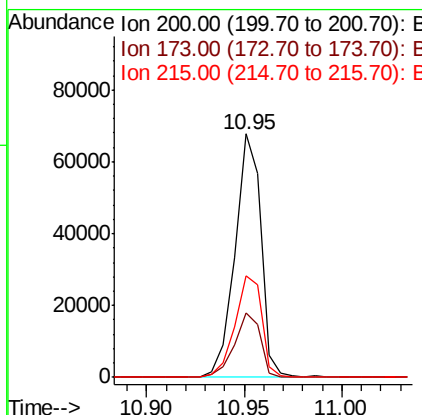
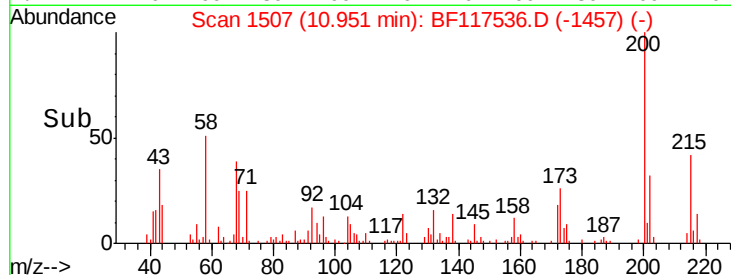
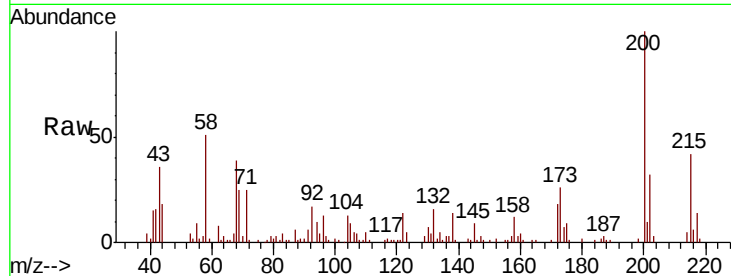




#69
Atrazine
Concen: 54.700 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

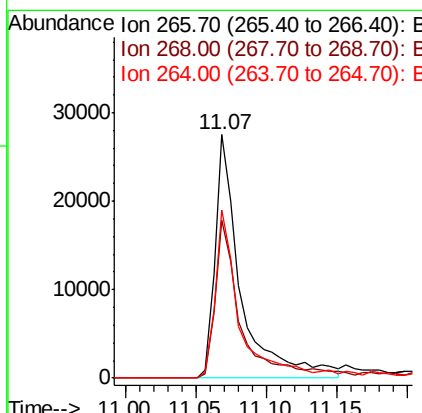
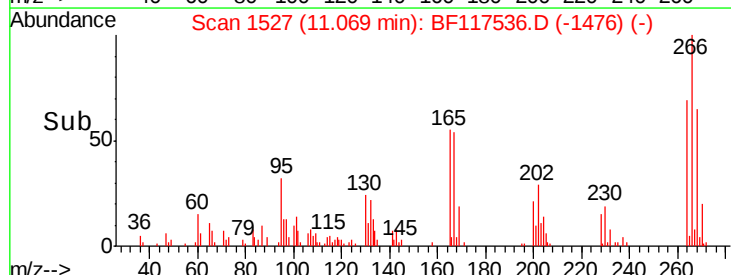
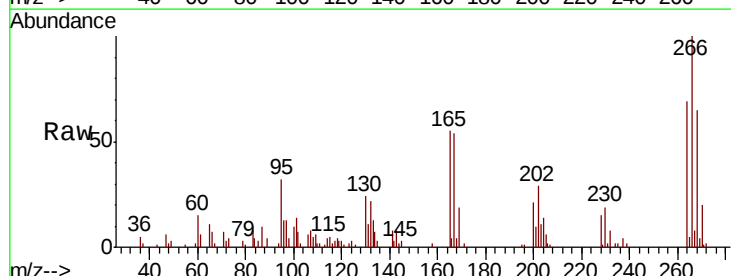
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

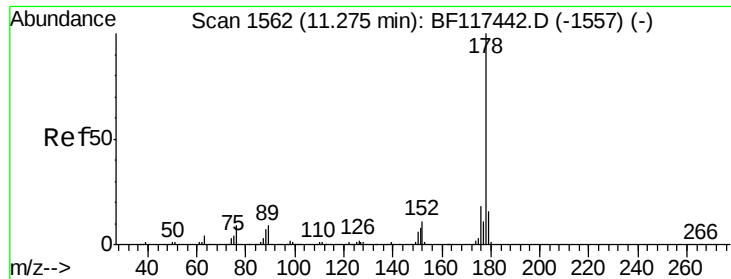
Tot Ion:200 Resp: 62257
Ion Ratio Lower Upper
200 100
173 26.3 8.2 48.2
215 41.9 26.8 66.8



#70
Pentachlorophenol
Concen: 82.744 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:266 Resp: 35013
Ion Ratio Lower Upper
266 100
268 65.0 51.6 77.4
264 68.9 51.4 77.2





#71

Phenanthrene

Concen: 46.418 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

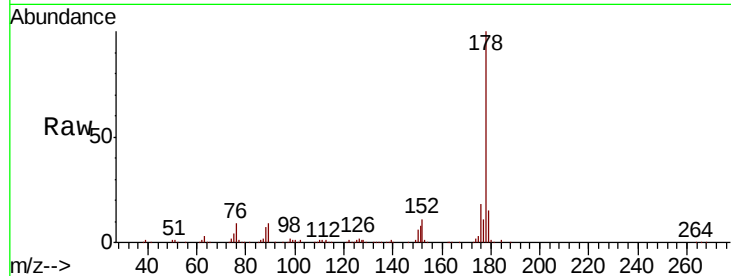
Tot Ion:178 Resp: 329819

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

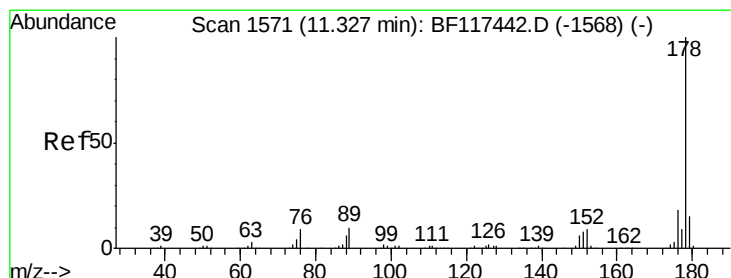
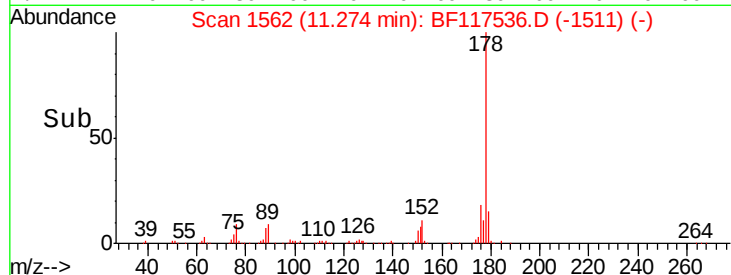
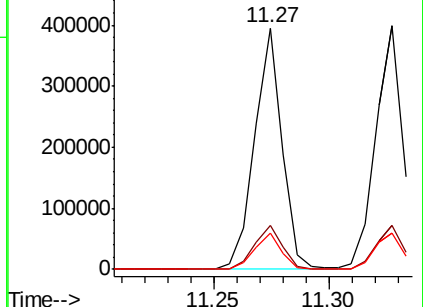
179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.298 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

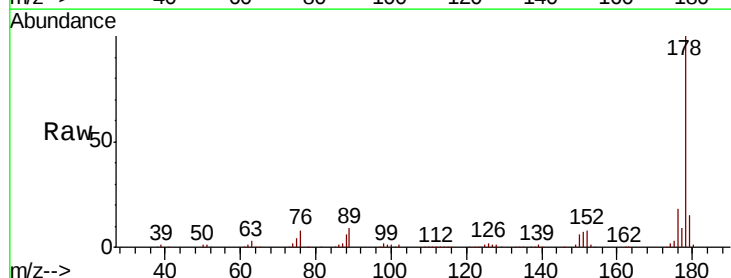
Tgt Ion:178 Resp: 337539

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

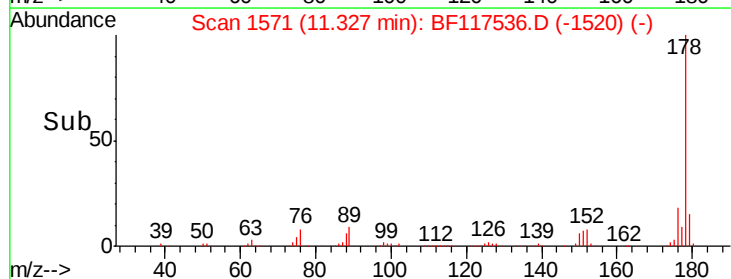
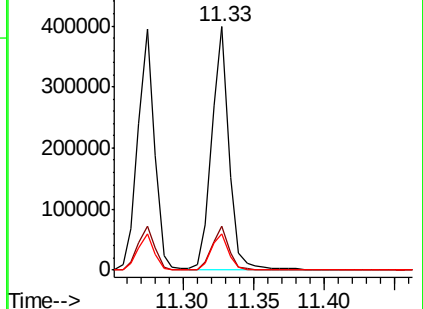
179 15.1 12.2 18.2

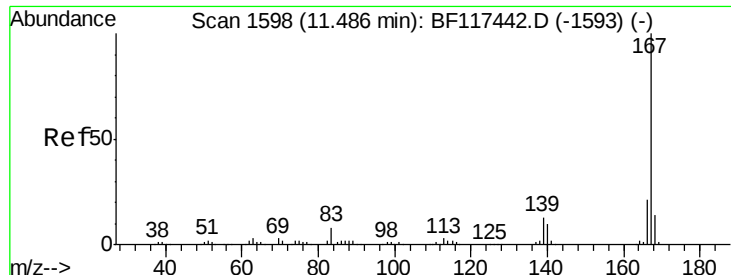


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

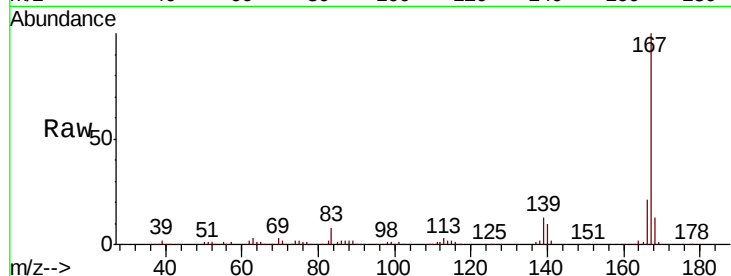




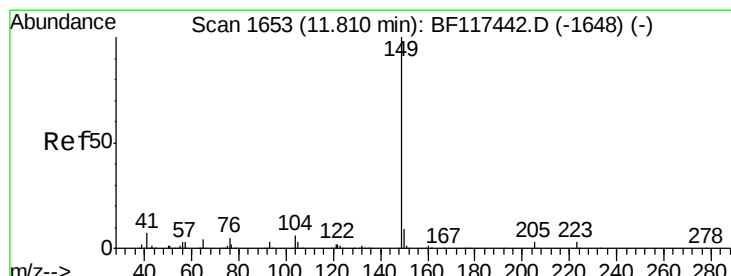
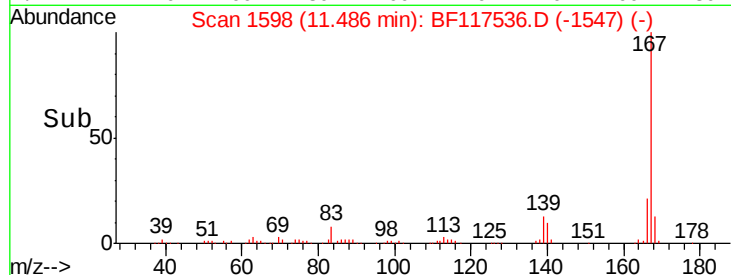
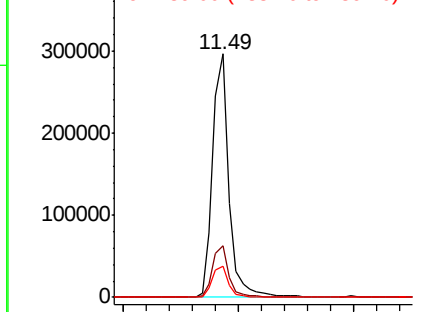
#73
 Carbazole
 Concen: 43.716 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.7	10.6	16.0

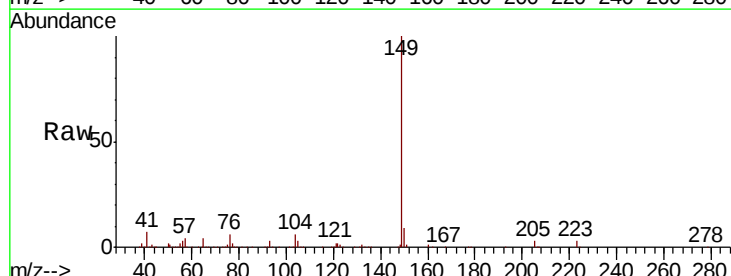


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

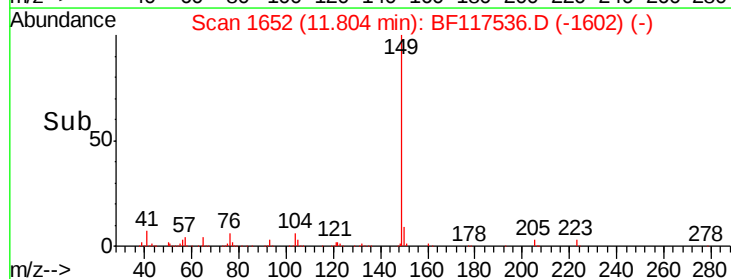
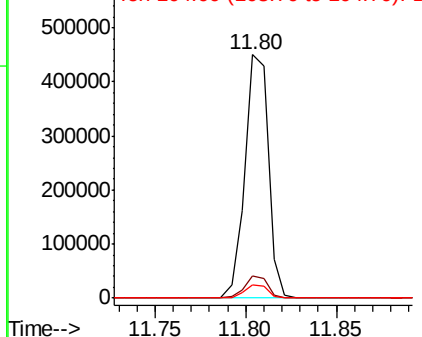


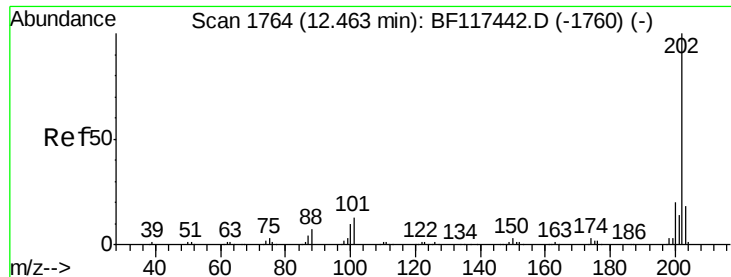
#74
 Di-n-butylphthalate
 Concen: 45.663 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.6	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.222 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

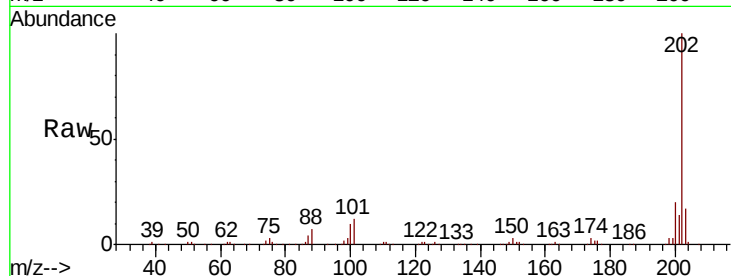
Tot Ion:202 Resp: 307438

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.7

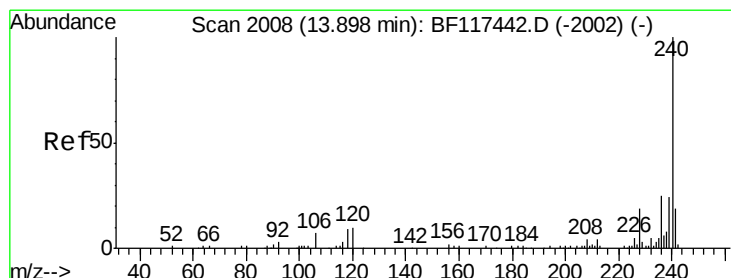
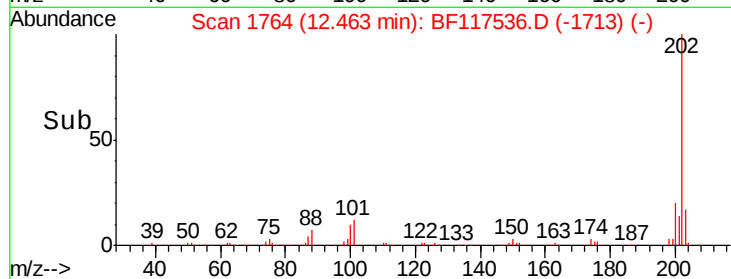
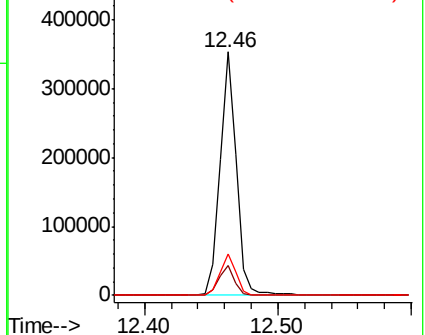
203 17.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

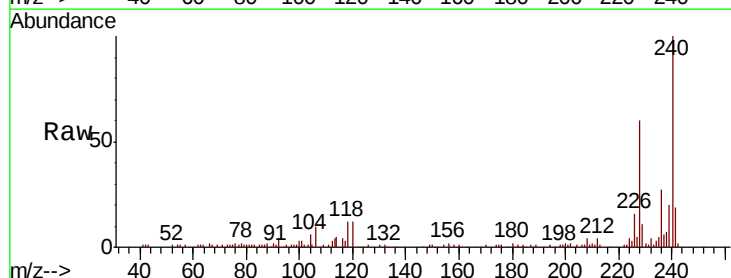
Tgt Ion:240 Resp: 70113

Ion Ratio Lower Upper

240 100

120 12.0 8.4 12.6

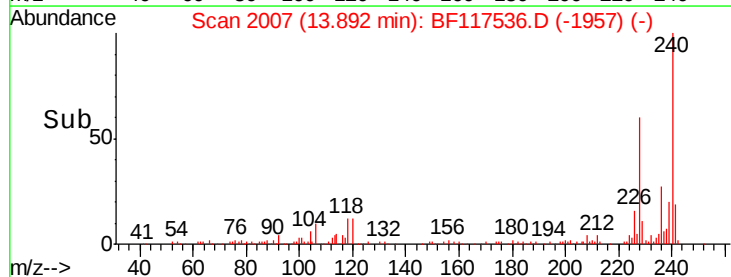
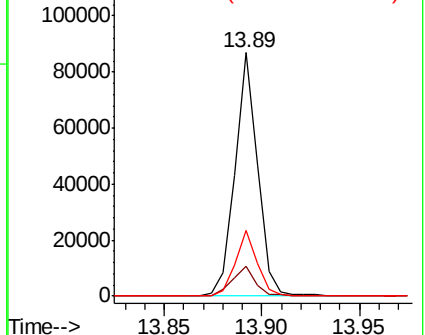
236 26.8 20.0 30.0

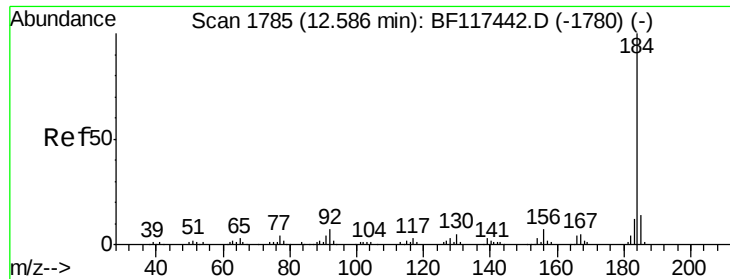


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

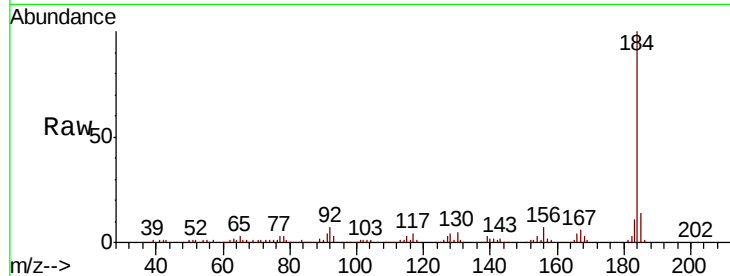
Tot Ion:184 Resp: 121455

Ion Ratio Lower Upper

184 100

185 13.6 11.4 17.0

183 11.2 9.6 14.4

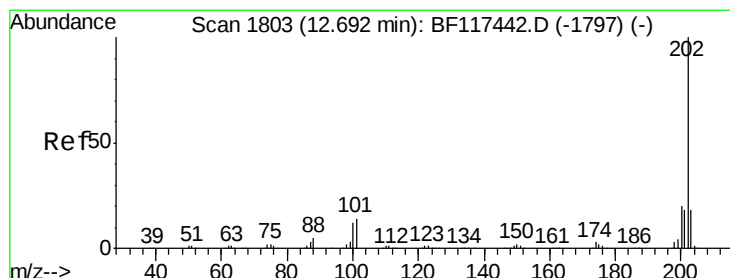
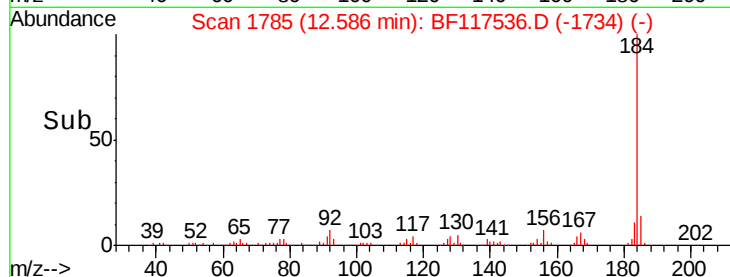
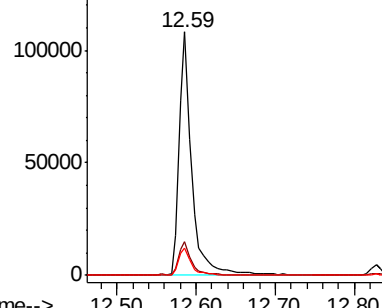


Abundance

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: 50.423 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

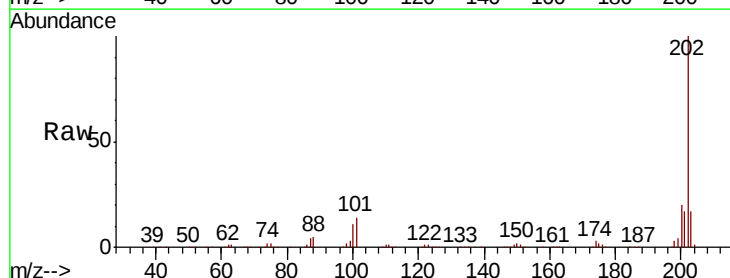
Tgt Ion:202 Resp: 303662

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.1 14.0 21.0

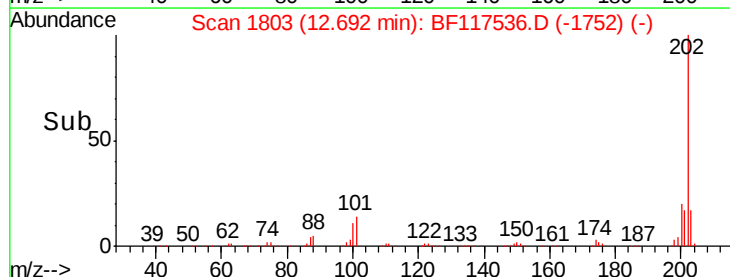
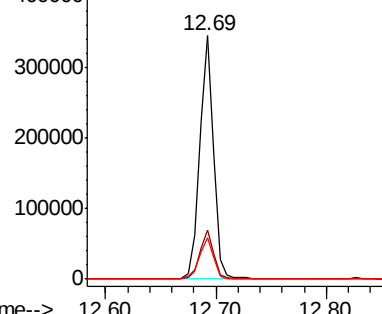


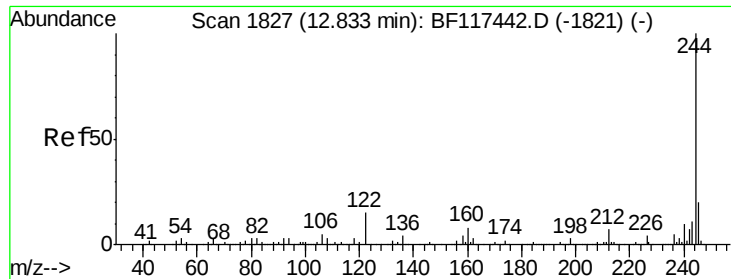
Abundance

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: 70.085 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

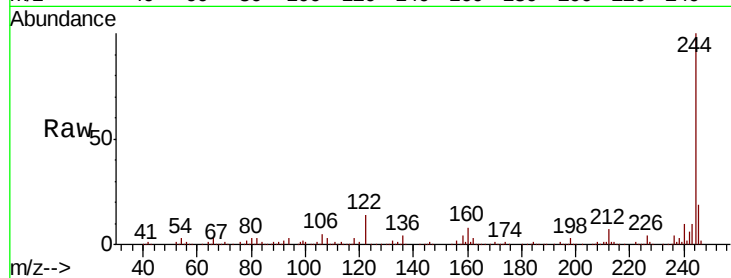
Tot Ion:244 Resp: 301258

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

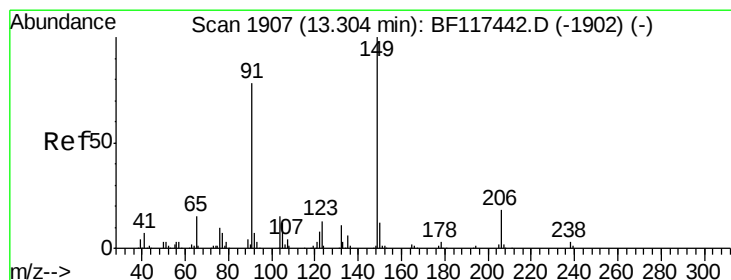
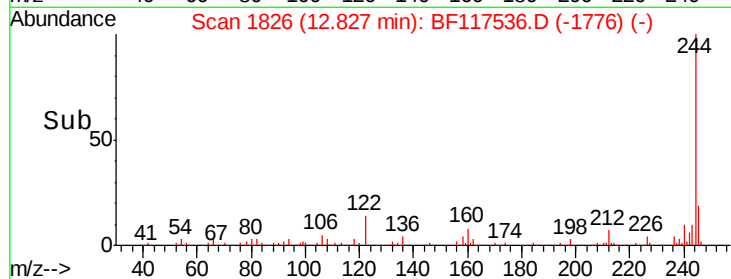
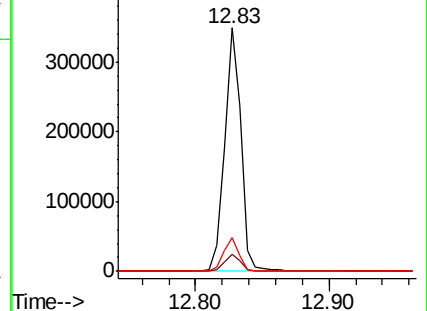
122 13.9 11.8 17.8



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: 47.023 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

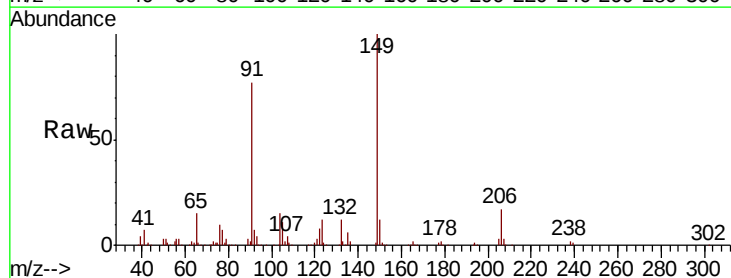
Tgt Ion:149 Resp: 140920

Ion Ratio Lower Upper

149 100

91 76.8 62.1 93.1

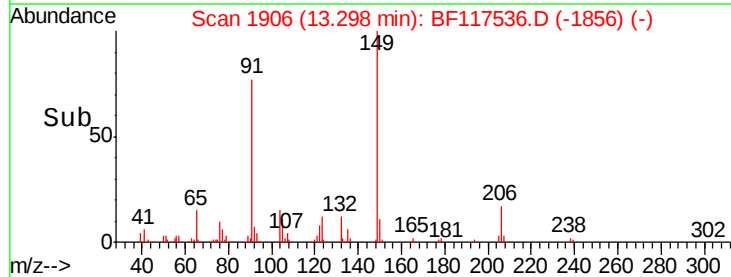
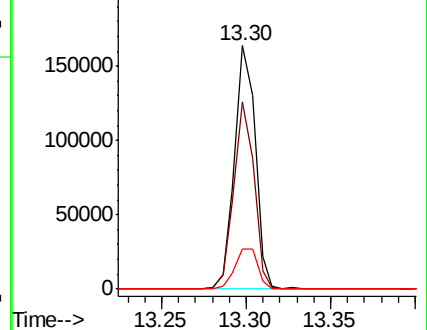
206 16.5 14.3 21.5

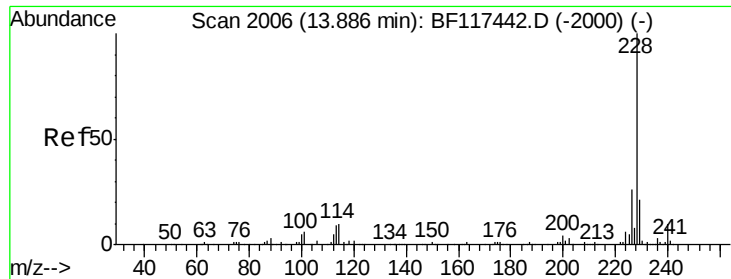


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.014 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

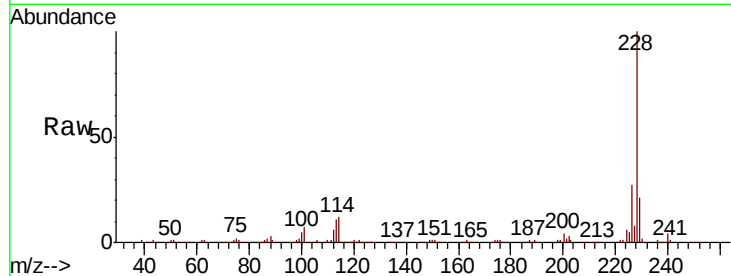
Tot Ion:228 Resp: 222348

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

229 21.0 16.4 24.6

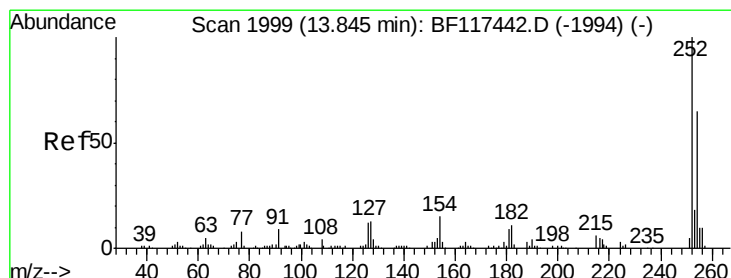
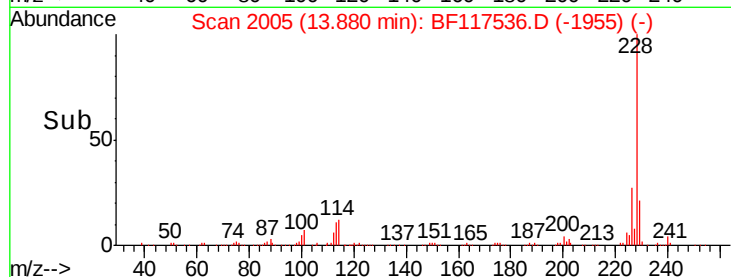
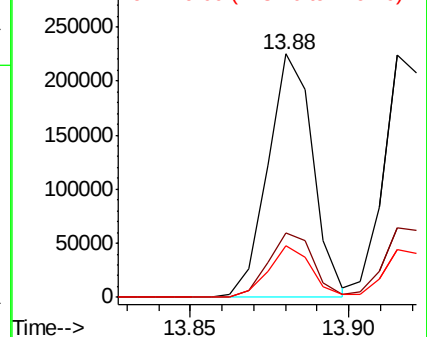


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.978 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

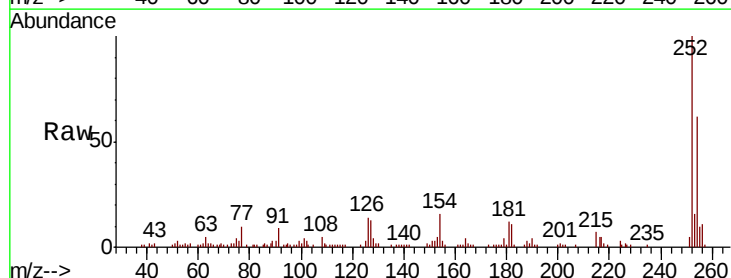
Tgt Ion:252 Resp: 54877

Ion Ratio Lower Upper

252 100

254 61.7 52.2 78.4

126 14.1 9.2 13.8#

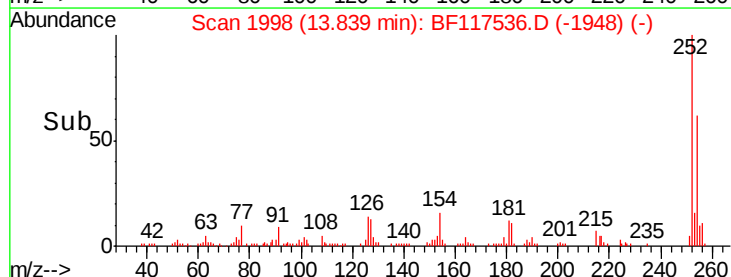
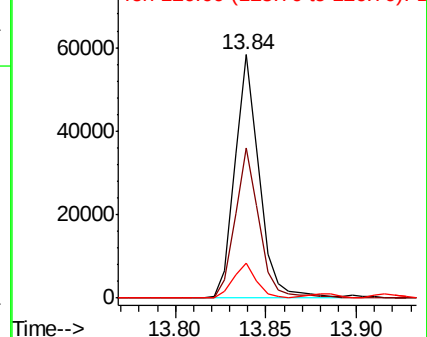


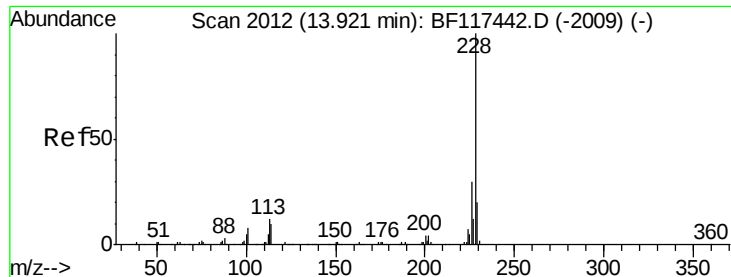
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

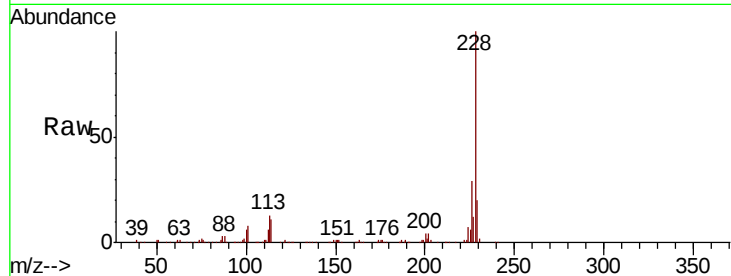




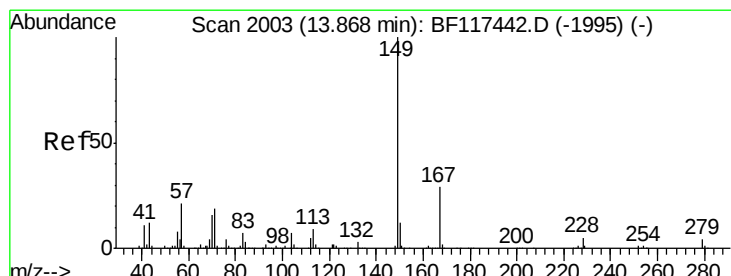
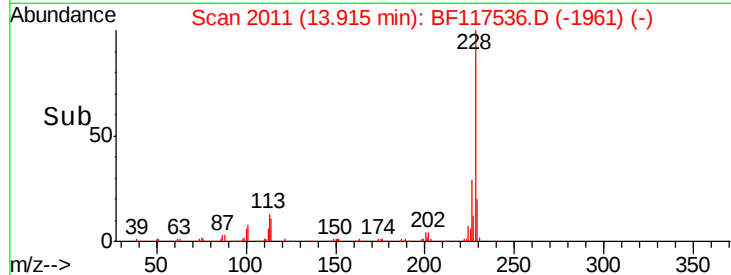
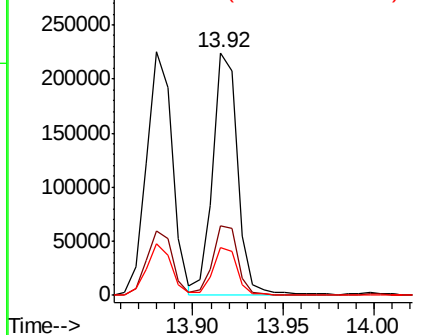
#83
 Chrvsene
 Concen: 45.920 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:228 Resp: 212844
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.9 35.9
 229 19.9 15.8 23.6

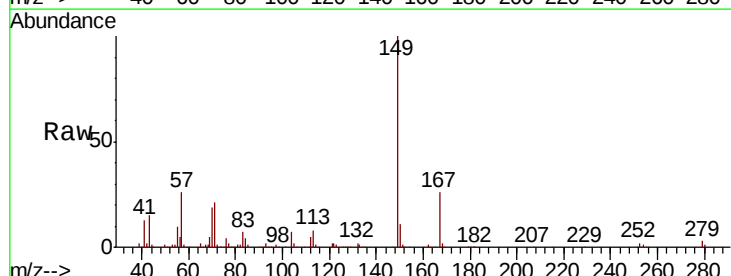


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

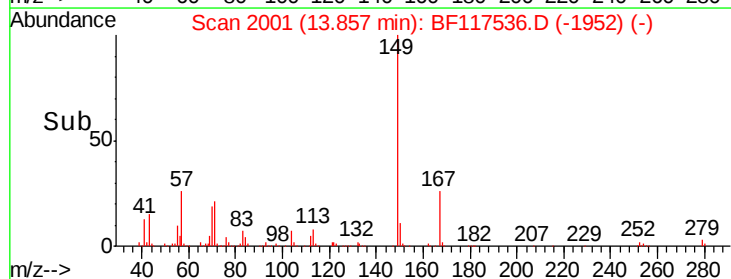
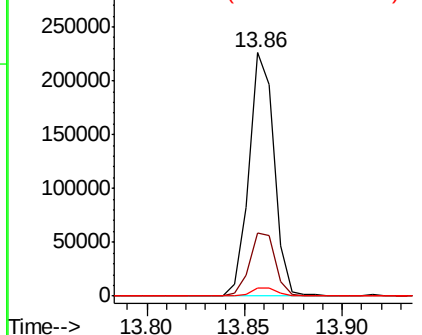


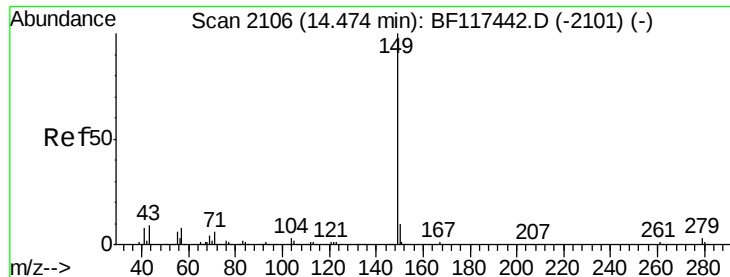
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.007 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:149 Resp: 201532
 Ion Ratio Lower Upper
 149 100
 167 25.7 23.3 34.9
 279 3.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

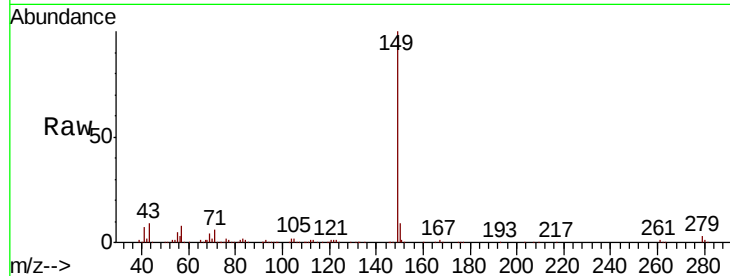




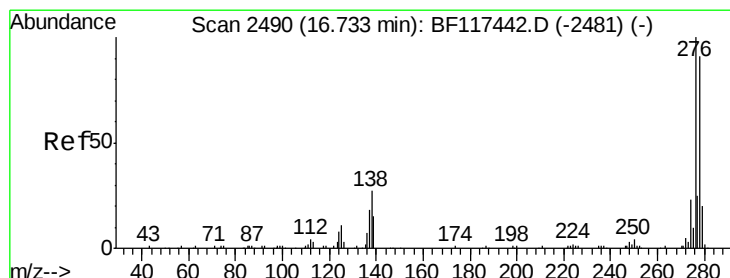
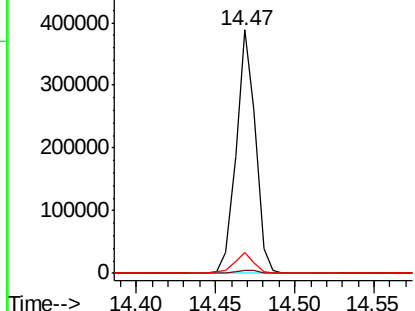
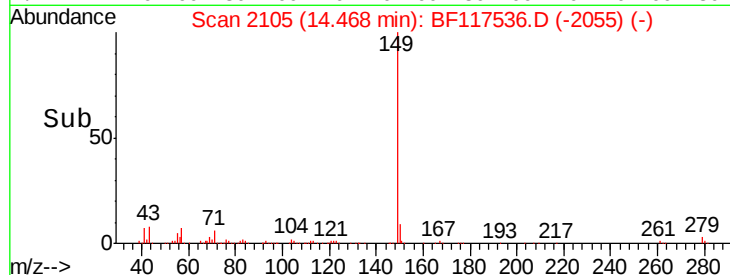
#85
Di-n-octyl phthalate
Concen: 50.411 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2

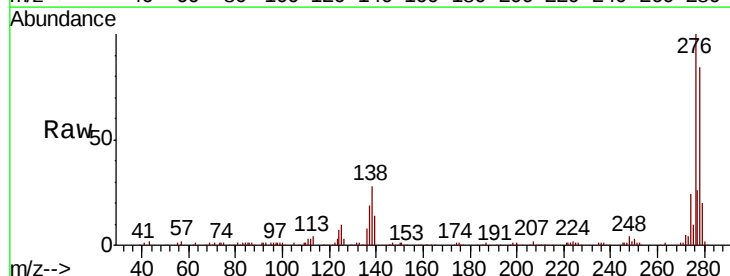


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

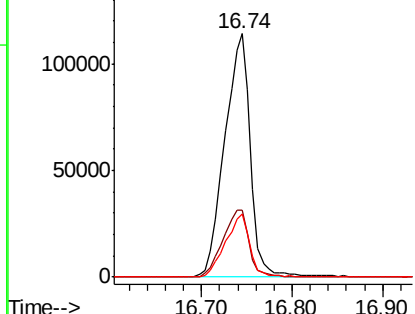
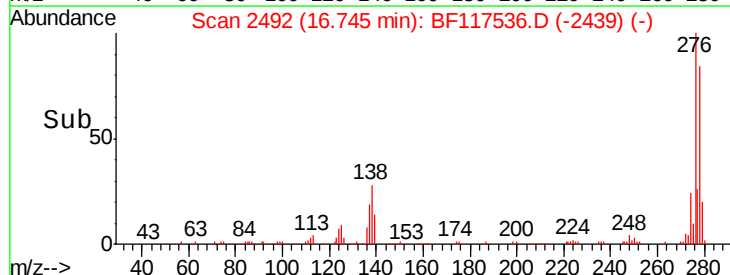


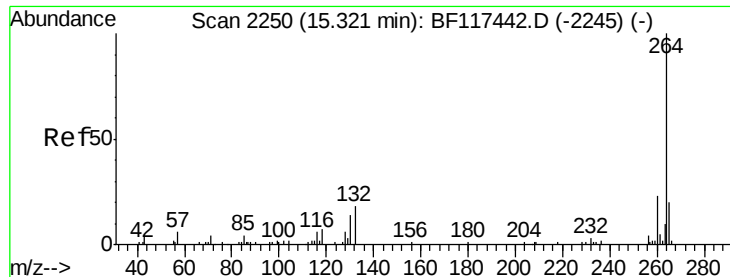
#86
Indeno(1,2,3-cd)pyrene
Concen: 64.885 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	24.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



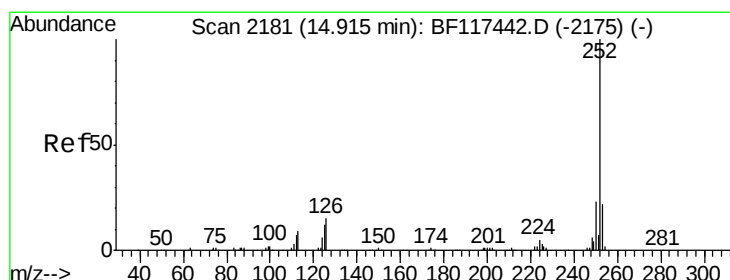
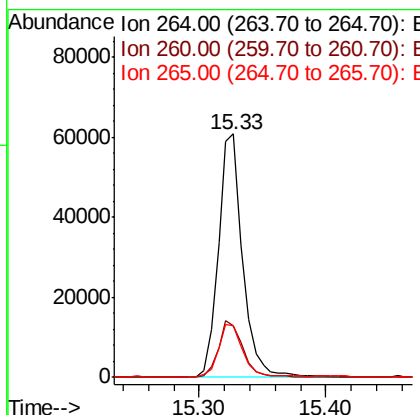
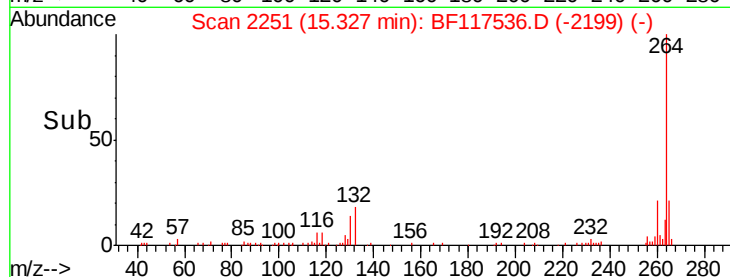
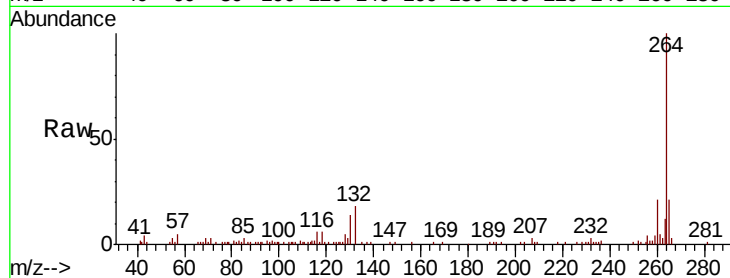


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion:264 Resp: 80871

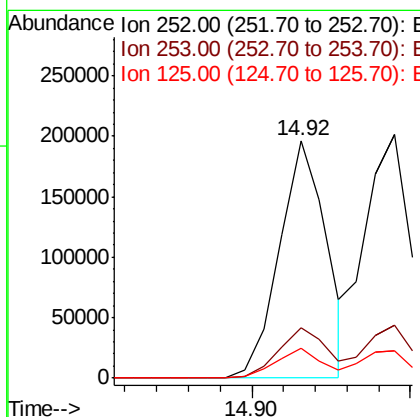
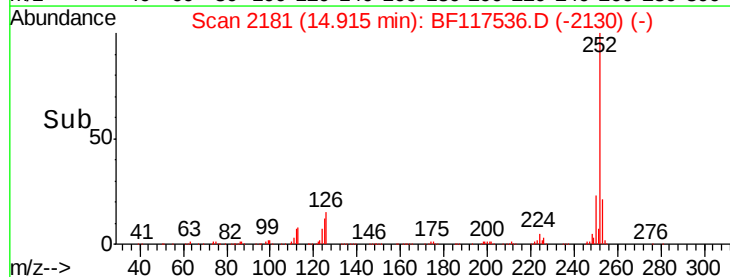
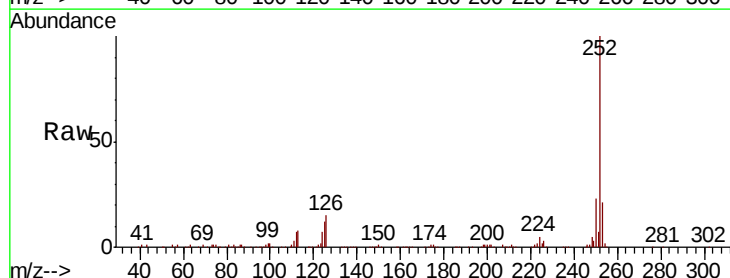
Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	21.3	16.1	24.1

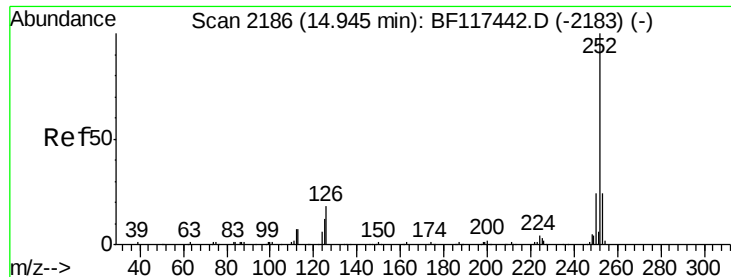


#88
Benzo(b)fluoranthene
Concen: 42.478 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion:252 Resp: 202855

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	12.4	9.9	14.9

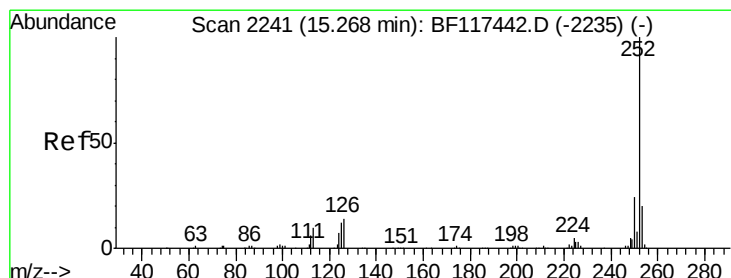
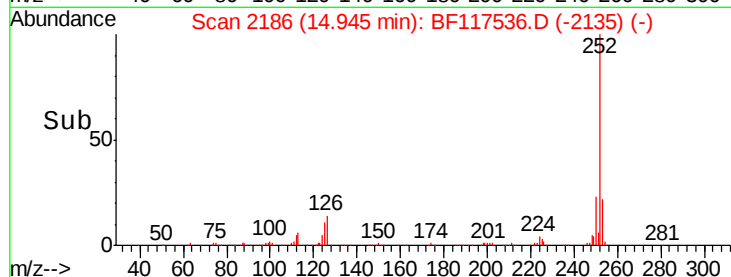
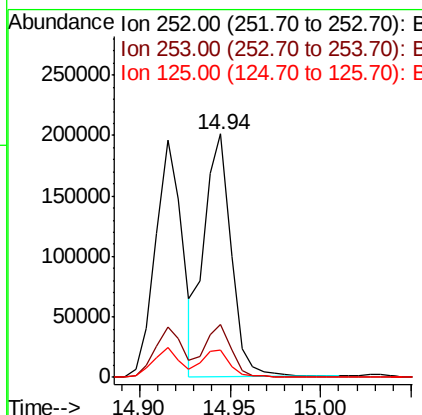
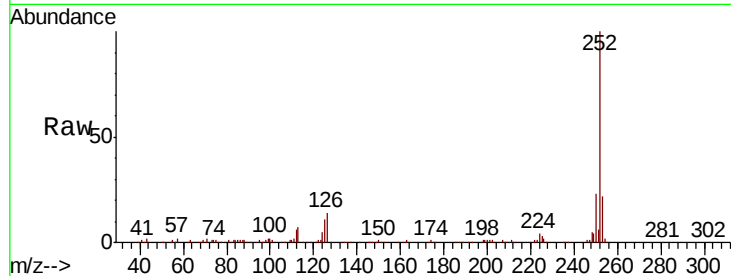




#89
Benzo(k)fluoranthene
Concen: 42.472 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

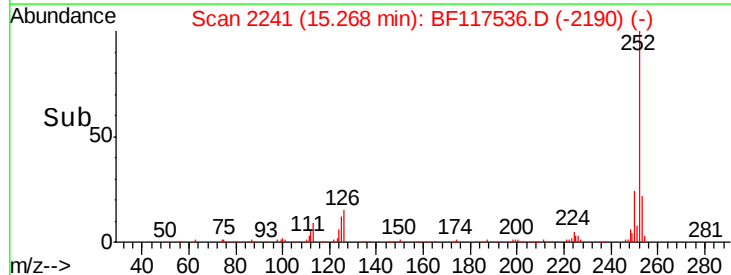
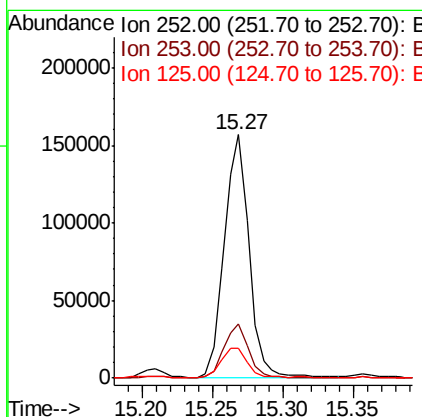
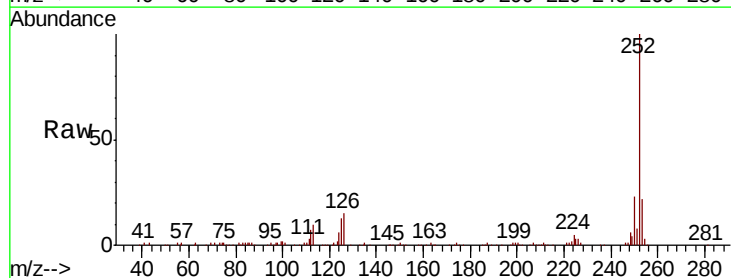
Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

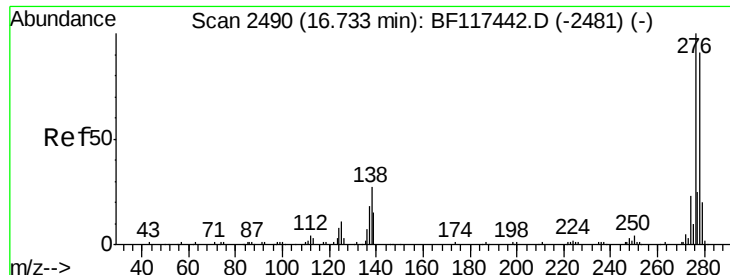
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.4	8.9	13.3



#90
Benzo(a)pyrene
Concen: 44.458 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.3	24.5
125	12.5	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.911 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

802-00-(0-2)MS

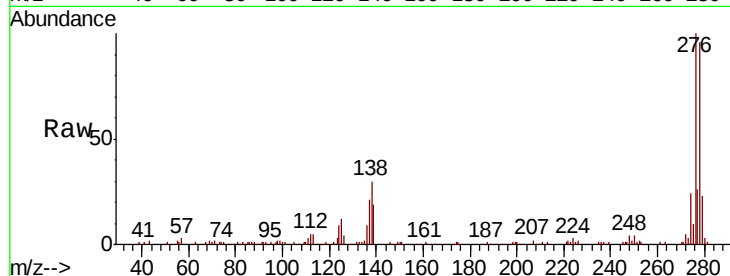
Tot Ion:278 Resp: 187386

Ion Ratio Lower Upper

278 100

139 20.1 13.4 20.0#

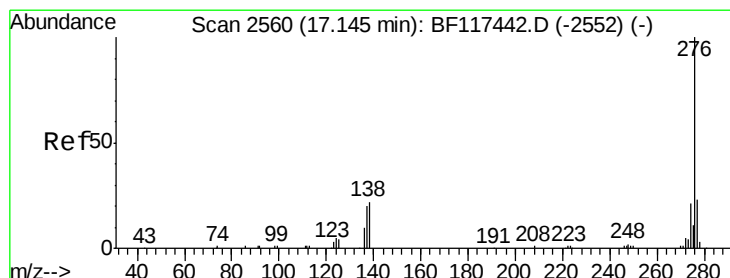
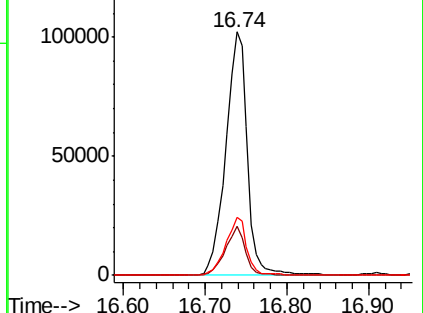
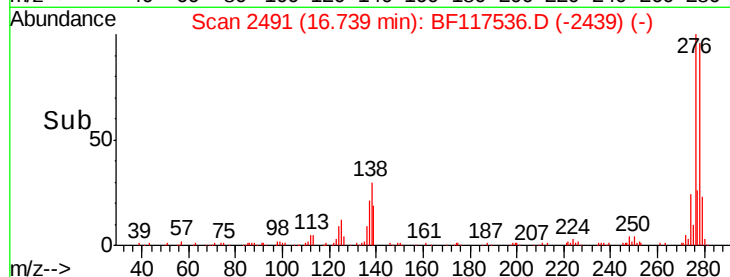
279 23.8 17.8 26.6



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: 51.311 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

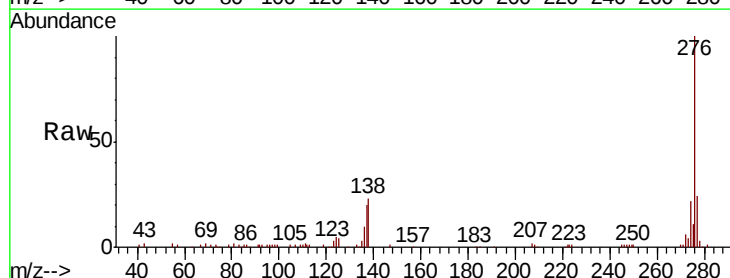
Tgt Ion:276 Resp: 182270

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 23.5 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

