

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117443.D
 Acq On : 18 Oct 2019 16:33
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:15:46 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 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45803	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	196373	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	100998	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	160878	20.00	ng	0.00
76) Chrysene-d12	13.90	240	112417	20.00	ng	0.00
87) Perylene-d12	15.32	264	97643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	311730	104.72	ng	0.00
7) Phenol-d6	6.39	99	418541	105.97	ng	0.00
23) Nitrobenzene-d5	7.31	82	397656	102.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88182	107.28	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	707069	102.06	ng	0.00
79) Terphenyl-d14	12.84	244	665020	96.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	64766	52.849	ng	98
3) Pyridine	3.12	79	160804	51.560	ng	99
4) n-Nitrosodimethylamine	3.07	42	60762	55.287	ng	97
6) Aniline	6.40	93	247781	50.218	ng	# 89
8) 2-Chlorophenol	6.53	128	164772	49.786	ng	95
9) Benzaldehyde	6.29	77	95000	49.330	ng	92
10) Phenol	6.40	94	213949	50.175	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	164270	50.670	ng	98
12) 1,3-Dichlorobenzene	6.67	146	184470	49.841	ng	98
13) 1,4-Dichlorobenzene	6.75	146	188745	50.027	ng	99
14) 1,2-Dichlorobenzene	6.91	146	174990	49.105	ng	96
15) Benzyl Alcohol	6.89	79	152021	50.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	169985	49.935	ng	98
17) 2-Methylphenol	7.00	107	134587	48.711	ng	98
18) Hexachloroethane	7.24	117	71928	49.035	ng	90
19) n-Nitroso-di-n-propylamine	7.16	70	127968	50.814	ng	97
20) 3+4-Methylphenols	7.16	107	180587	50.761	ng	# 89
22) Acetophenone	7.16	105	262379	50.918	ng	98
24) Nitrobenzene	7.33	77	192398	49.579	ng	95
25) Isophorone	7.56	82	342173	49.583	ng	97
26) 2-Nitrophenol	7.64	139	85665	49.755	ng	97
27) 2,4-Dimethylphenol	7.68	122	126747	48.437	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	211563	49.453	ng	97
29) 2,4-Dichlorophenol	7.89	162	134386	49.772	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	143200	49.198	ng	100
31) Naphthalene	8.04	128	486943	49.653	ng	100
32) Benzoic acid	7.85	122	92744	56.918	ng	97
33) 4-Chloroaniline	8.10	127	202689	48.666	ng	97
34) Hexachlorobutadiene	8.16	225	84228	50.526	ng	99
35) Caprolactam	8.48	113	34470	40.767	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	153869	50.083	ng	98
37) 2-Methylnaphthalene	8.73	142	323554	48.859	ng	100
38) 1-Methylnaphthalene	8.83	142	309061	49.534	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	137773	50.685	ng	100

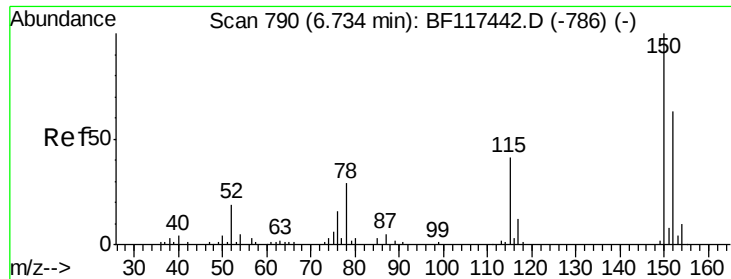
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117443.D
 Acq On : 18 Oct 2019 16:33
 Operator : JU
 Sample : SSTDICC050
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Oct 18 18:15:46 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 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	29128	57.386	ng	95
43) 2,4,6-Trichlorophenol	9.02	196	85521	49.715	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	85429	48.687	ng	96
46) 1,1'-Biphenyl	9.19	154	413455	50.110	ng	98
47) 2-Chloronaphthalene	9.22	162	313580	48.754	ng	97
48) 2-Nitroaniline	9.32	65	103317	50.345	ng	92
49) Acenaphthylene	9.63	152	455137	48.270	ng	99
50) Dimethylphthalate	9.50	163	355175	48.966	ng	99
51) 2,6-Dinitrotoluene	9.56	165	74429	48.818	ng	91
52) Acenaphthene	9.80	154	278200	48.556	ng	98
53) 3-Nitroaniline	9.74	138	89522	48.084	ng	91
54) 2,4-Dinitrophenol	9.86	184	28342	48.519	ng	99
55) Dibenzofuran	9.97	168	409172	48.956	ng	99
56) 4-Nitrophenol	9.91	139	40612	54.812	ng	88
57) 2,4-Dinitrotoluene	9.97	165	99384	49.403	ng	93
58) Fluorene	10.32	166	338754	48.678	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	68466	50.473	ng	95
60) Diethylphthalate	10.19	149	359300	49.142	ng	98
61) 4-Chlorophenyl-phenylether	10.31	204	152627	49.537	ng	89
62) 4-Nitroaniline	10.36	138	85454	48.286	ng	97
63) Azobenzene	10.47	77	374743	49.952	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	42498	52.587	ng	89
66) n-Nitrosodiphenylamine	10.43	169	289334	48.143	ng	98
67) 4-Bromophenyl-phenylether	10.80	248	86168	48.832	ng	# 89
68) Hexachlorobenzene	10.87	284	92777	48.958	ng	# 85
69) Atrazine	10.96	200	65366	67.074	ng	98
70) Pentachlorophenol	11.07	266	28492	50.257	ng	93
71) Phenanthrene	11.28	178	460015	48.371	ng	98
72) Anthracene	11.33	178	467764	47.646	ng	100
73) Carbazole	11.49	167	432471	48.495	ng	100
74) Di-n-butylphthalate	11.82	149	580368	48.061	ng	98
75) Fluoranthene	12.47	202	470252	49.728	ng	96
77) Benzidine	12.59	184	143149	51.486	ng	97
78) Pyrene	12.70	202	470320	47.330	ng	99
80) Butylbenzylphthalate	13.30	149	234618	46.954	ng	99
81) Benzo(a)anthracene	13.89	228	369911	47.957	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	115100	47.196	ng	# 97
83) Chrysene	13.92	228	364002	47.853	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	330186	46.866	ng	97
85) Di-n-octyl phthalate	14.47	149	508542	47.412	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	268915	50.560	ng	100
88) Benzo(b)fluoranthene	14.92	252	277557	45.660	ng	99
89) Benzo(k)fluoranthene	14.94	252	297762	49.290	ng	99
90) Benzo(a)pyrene	15.27	252	258336	47.993	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	225051	48.792	ng	98
92) Benzo(g,h,i)perylene	17.15	276	213352	48.594	ng	99

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

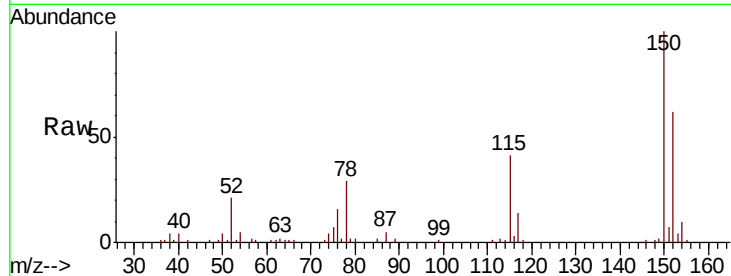


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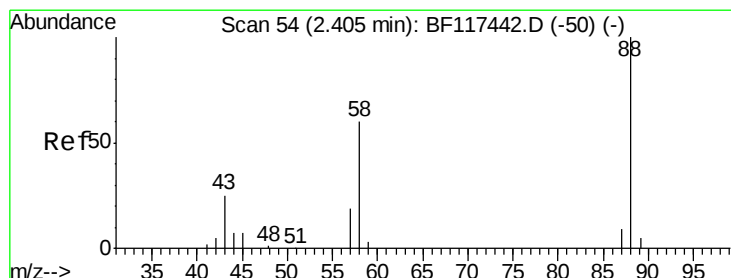
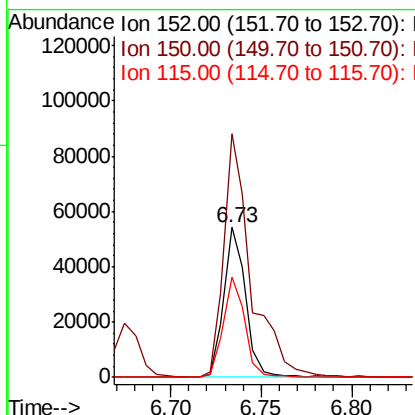
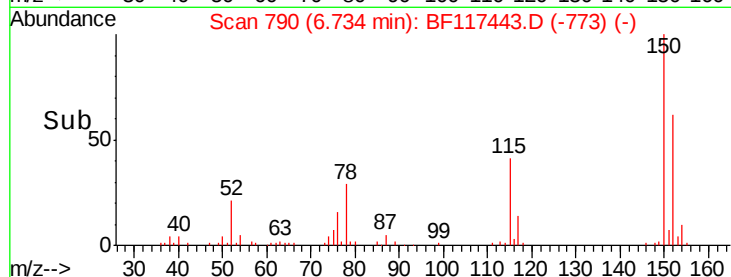
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45803
Ion Ratio Lower Upper
152 100
150 162.3 126.8 190.2
115 66.5 51.6 77.4



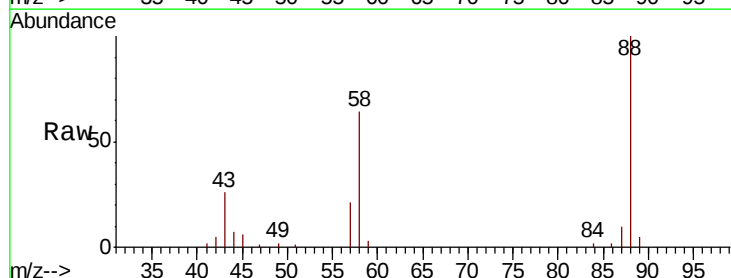
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



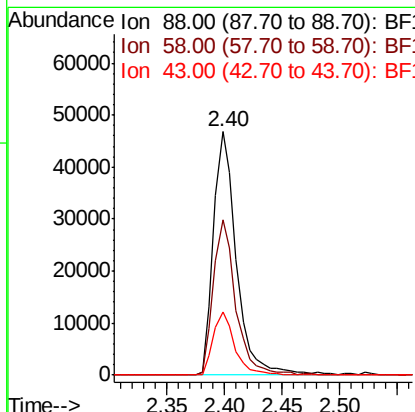
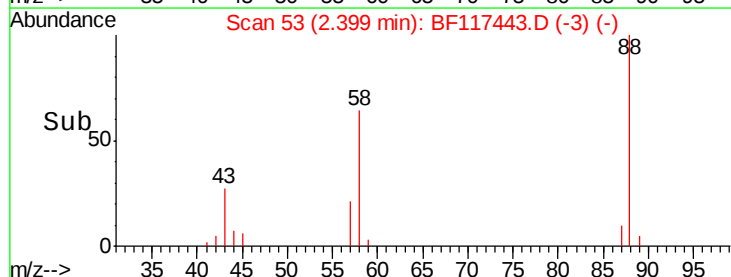
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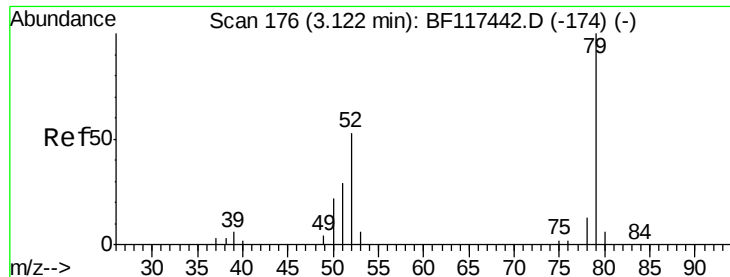
1,4-Dioxane
Concen: 52.849 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion: 88 Resp: 64766
Ion Ratio Lower Upper
88 100
58 62.0 48.8 73.2
43 24.2 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

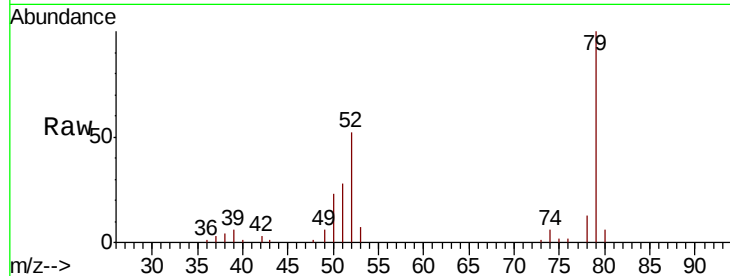




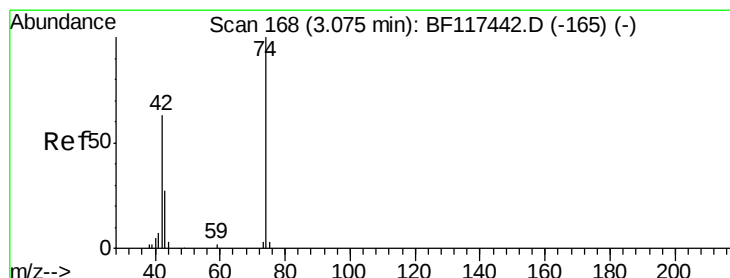
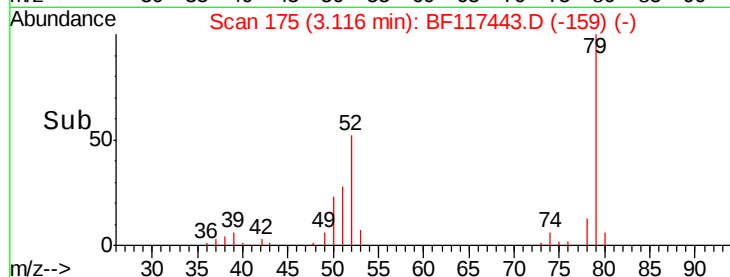
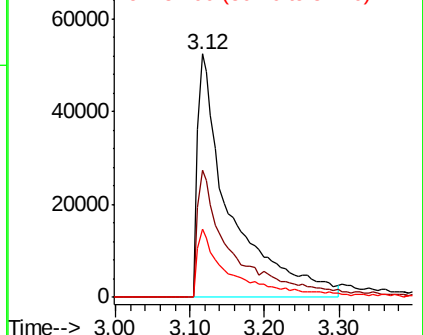
#3
 Pvridine
 Concen: 51.560 ng
 RT: 3.12 min Scan# 175
 Delta R.T. -0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 160804
 Ion Ratio Lower Upper
 79 100
 52 52.4 42.4 63.6
 51 27.9 23.3 34.9

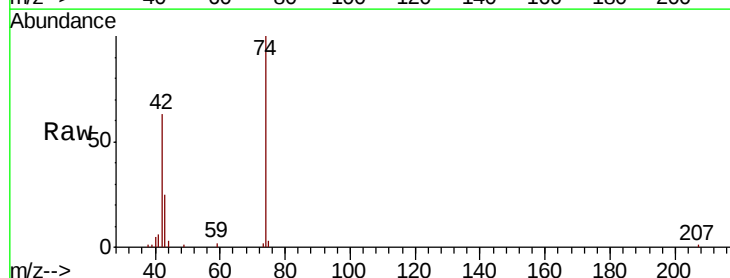


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

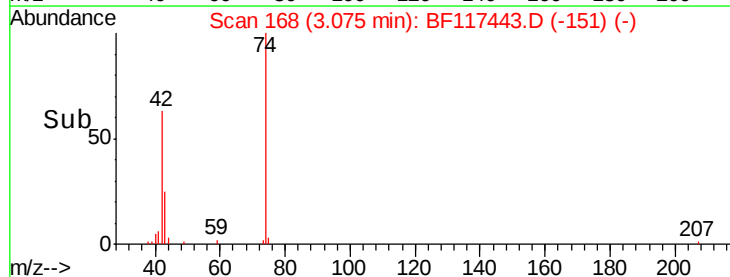
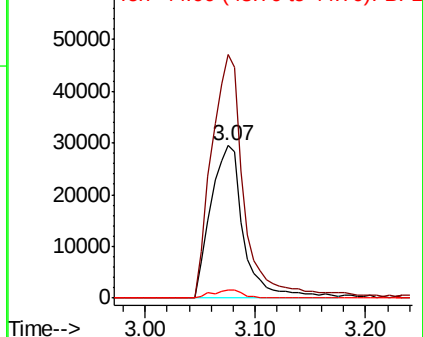


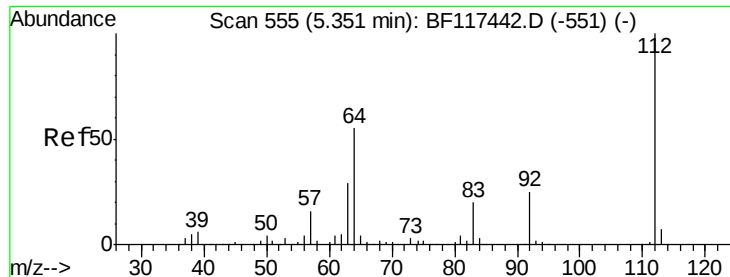
#4
 n-Nitrosodimethylamine
 Concen: 55.287 ng
 RT: 3.07 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion: 42 Resp: 60762
 Ion Ratio Lower Upper
 42 100
 74 160.0 124.2 186.4
 44 5.2 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: 104.717 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

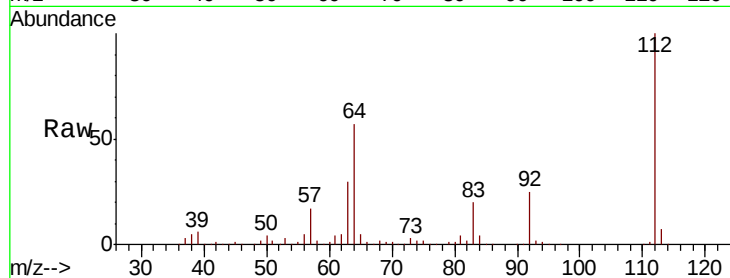
Tot Ion:112 Resp: 311730

Ion Ratio Lower Upper

112 100

64 57.3 44.1 66.1

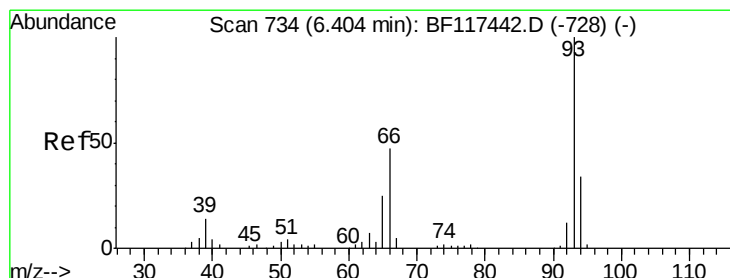
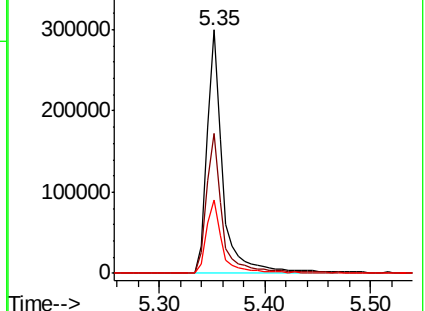
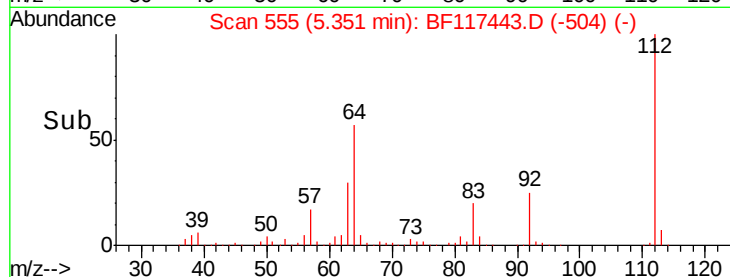
63 30.1 23.4 35.2



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: 50.218 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

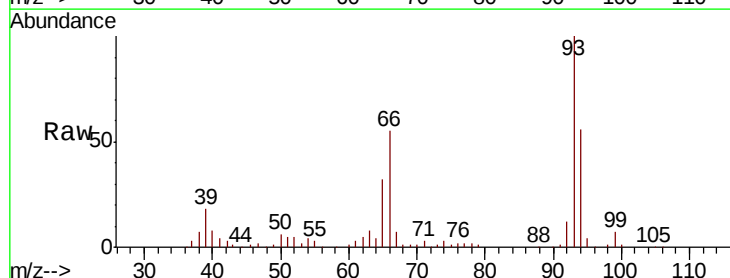
Tgt Ion: 93 Resp: 247781

Ion Ratio Lower Upper

93 100

66 55.5 38.7 58.1

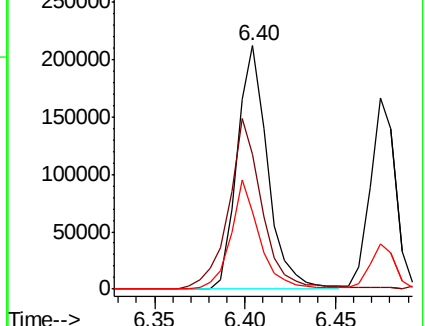
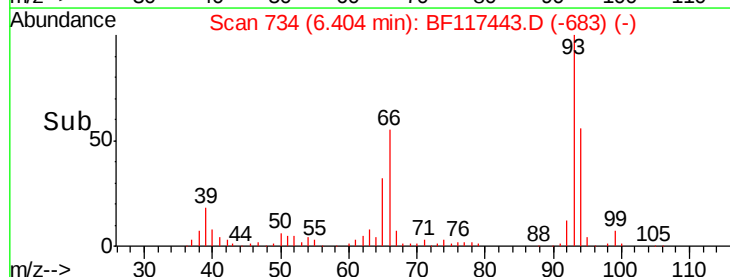
65 31.8 20.1 30.1#

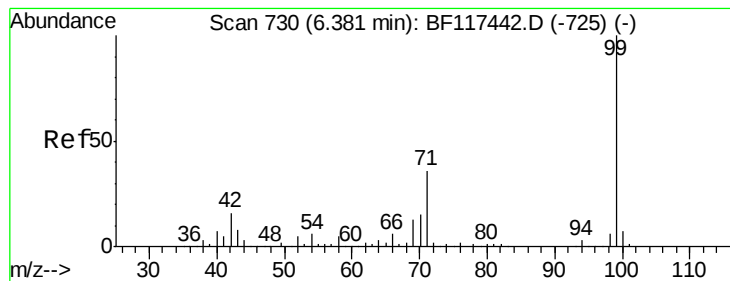


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.967 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampled :

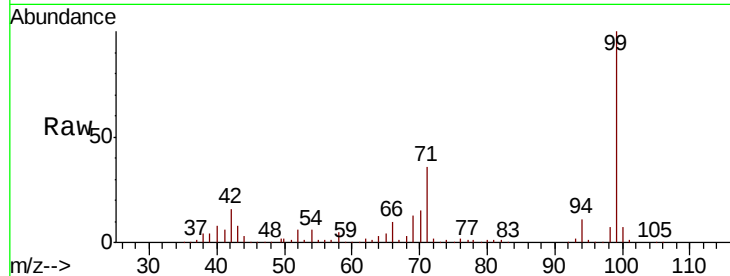
Tot Ion: 99 Resp: 418541

Ion Ratio Lower Upper

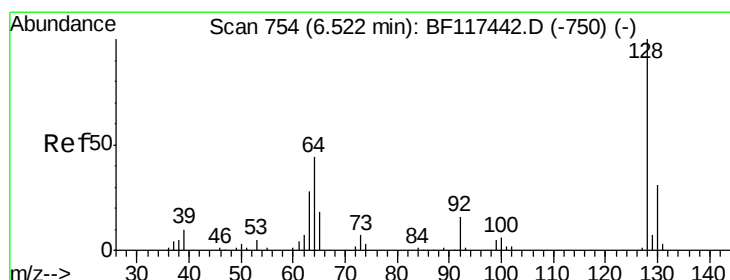
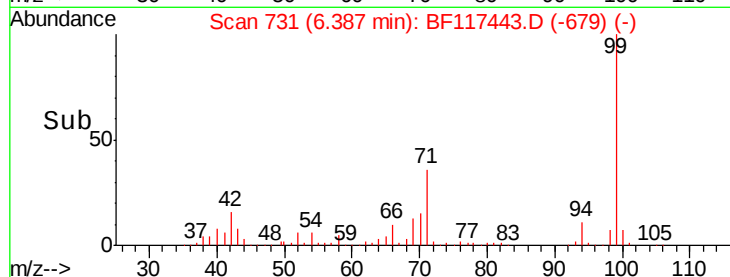
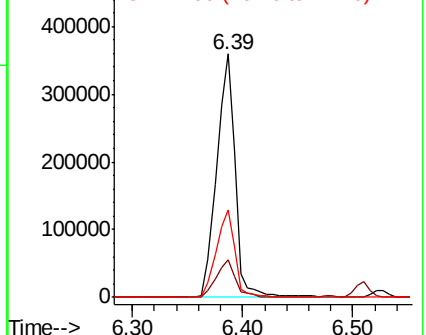
99 100

42 15.7 12.8 19.2

71 35.9 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: 49.786 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

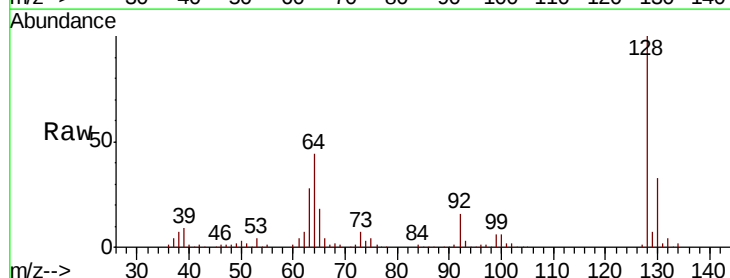
Tgt Ion: 128 Resp: 164772

Ion Ratio Lower Upper

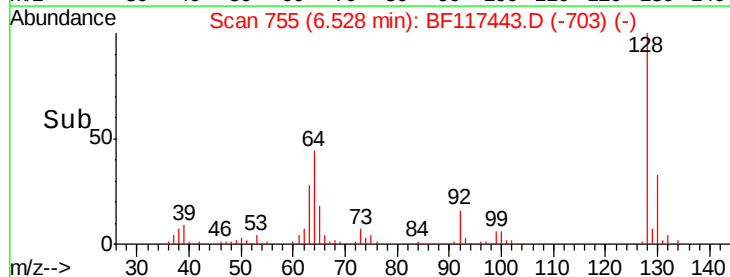
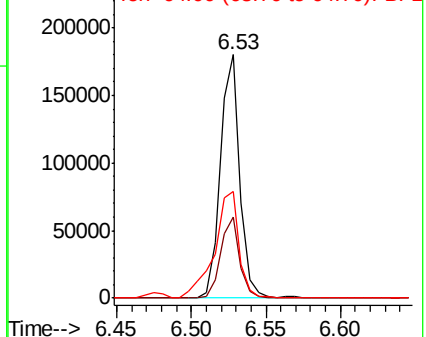
128 100

130 33.1 11.1 51.1

64 43.6 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

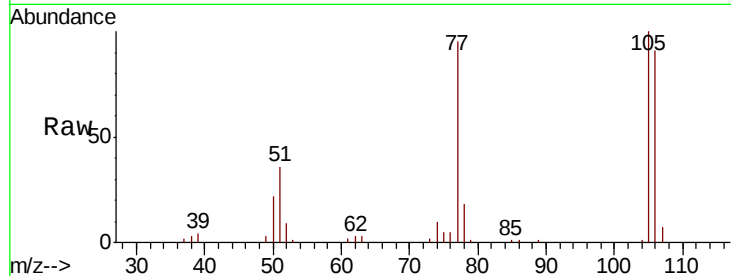




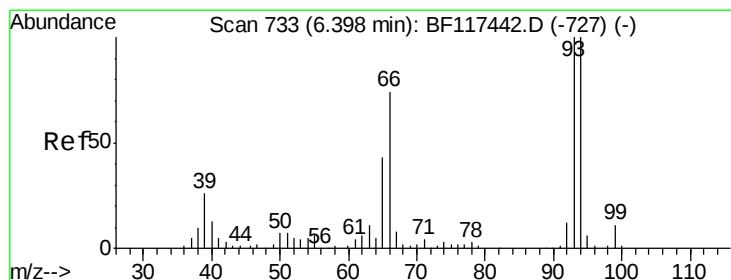
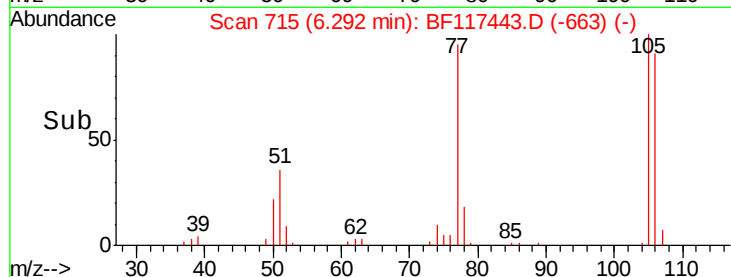
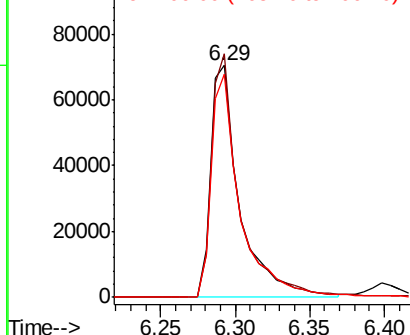
#9
Benzaldehyde
Concen: 49.330 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 95000
Ion Ratio Lower Upper
77 100
105 105.0 73.4 113.4
106 96.0 73.0 113.0

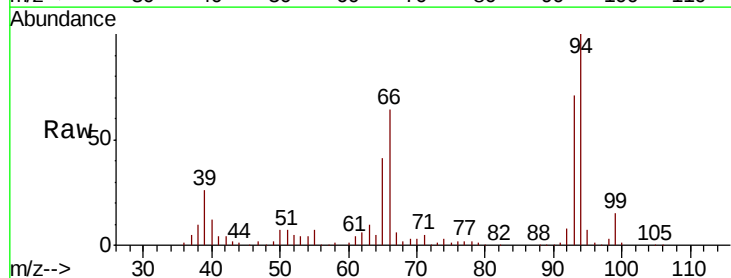


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

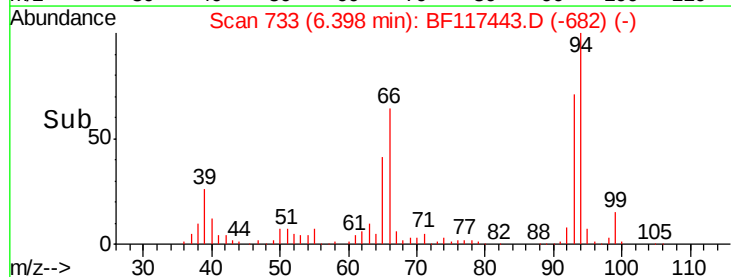
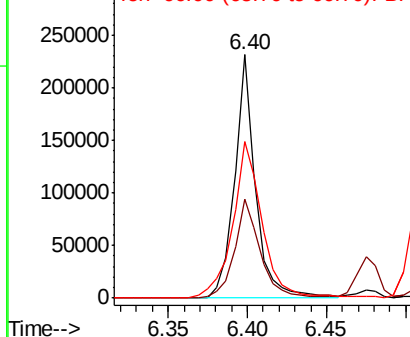


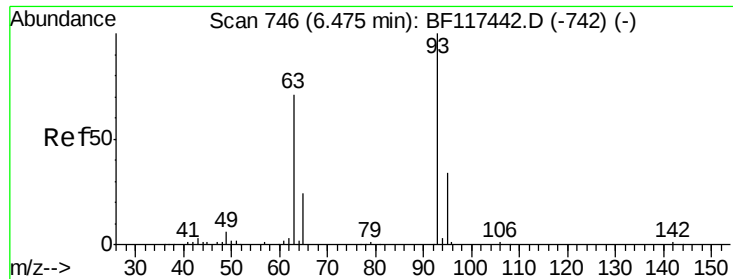
#10
Phenol
Concen: 50.175 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion: 94 Resp: 213949
Ion Ratio Lower Upper
94 100
65 40.9 23.4 63.4
66 64.4 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

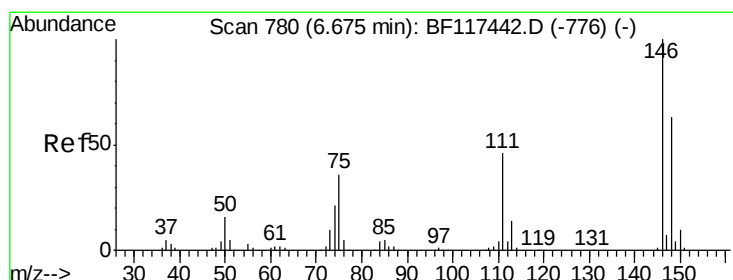
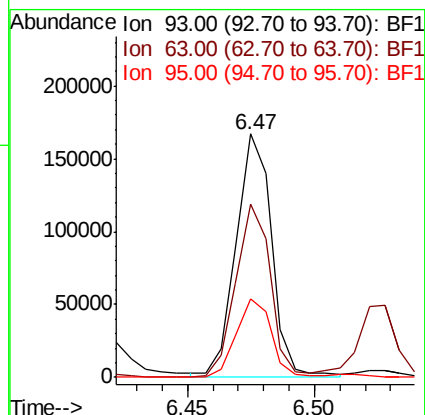
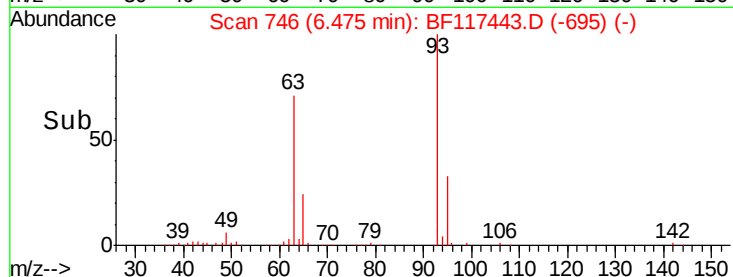
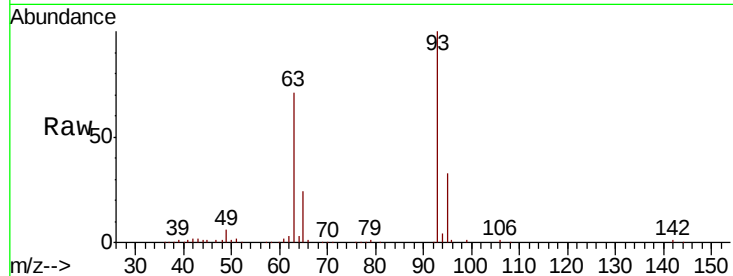




#11
bis(2-Chloroethyl)ether
Concen: 50.670 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

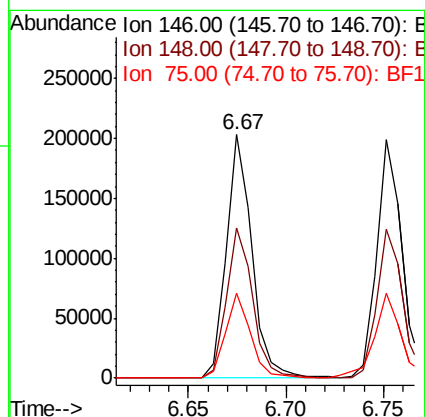
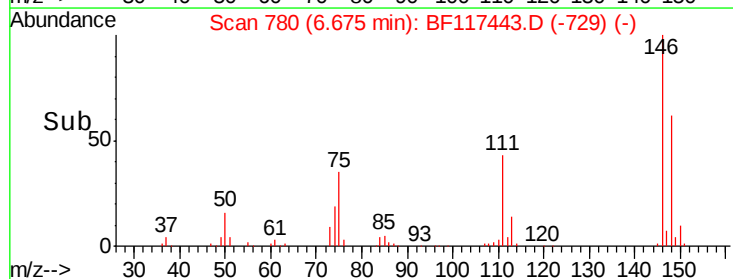
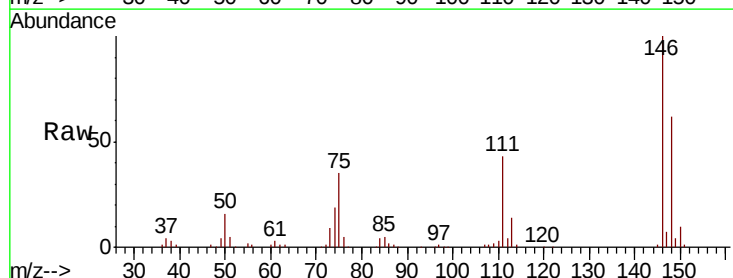
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 164270
Ion Ratio Lower Upper
93 100
63 71.2 50.2 90.2
95 32.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 49.841 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion: 146 Resp: 184470
Ion Ratio Lower Upper
146 100
148 61.9 50.6 75.8
75 34.8 28.6 43.0

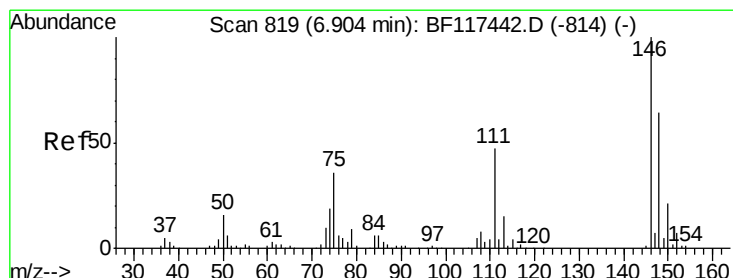
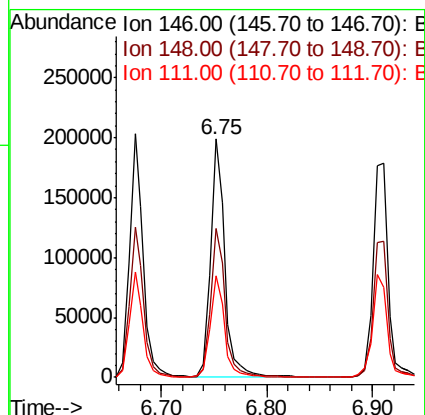
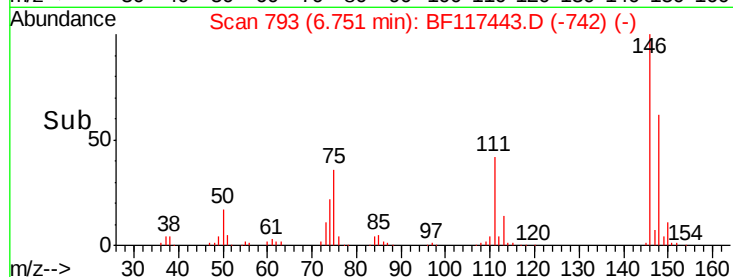
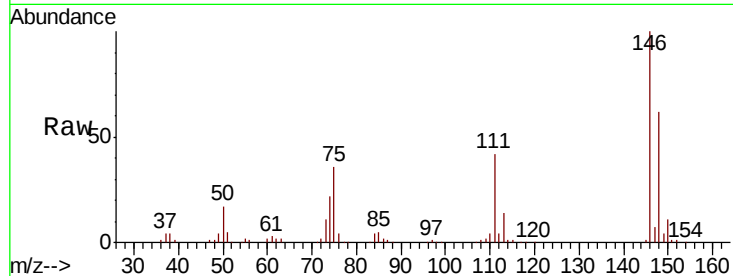




#13
 1,4-Dichlorobenzene
 Concen: 50.027 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

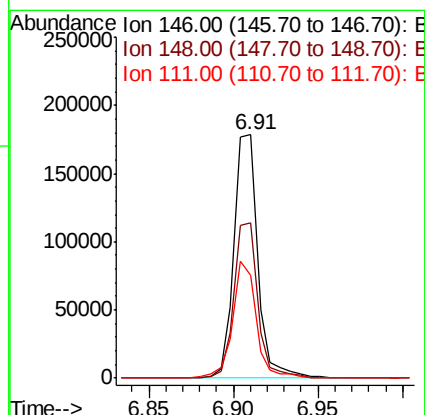
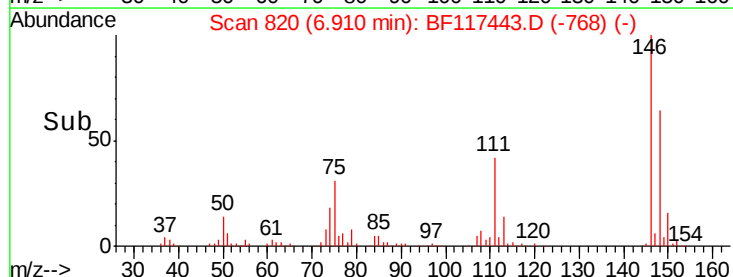
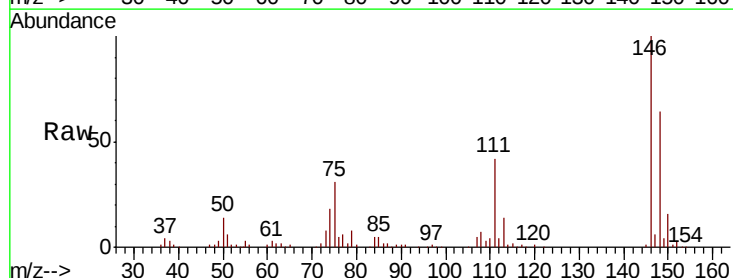
Instrument :
 BNA_F
 ClientSampled :

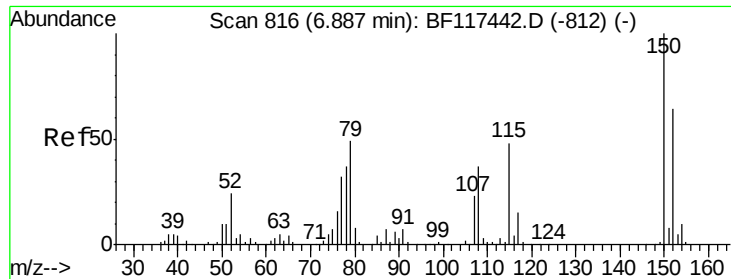
Tot Ion:146 Resp: 188745
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.3 73.9
 111 42.5 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 49.105 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:146 Resp: 174990
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 42.0 37.7 56.5





#15

Benzyl Alcohol

Concen: 50.307 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampled :

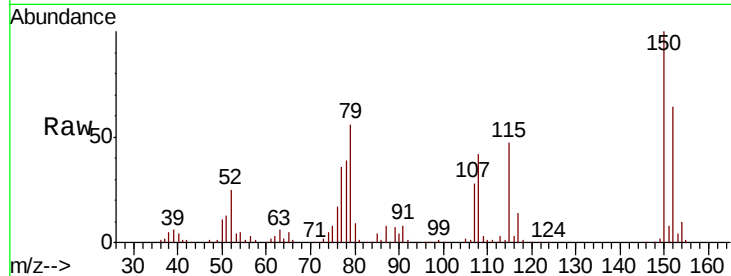
Tot Ion: 79 Resp: 152021

Ion Ratio Lower Upper

79 100

108 73.8 59.8 89.8

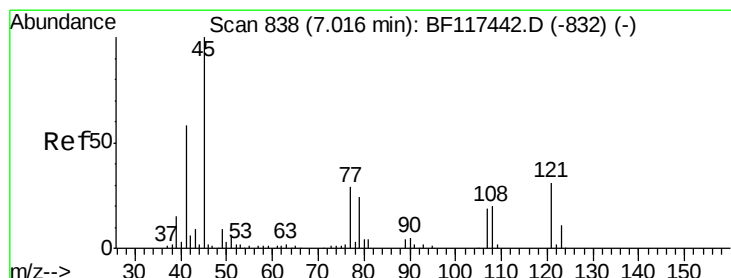
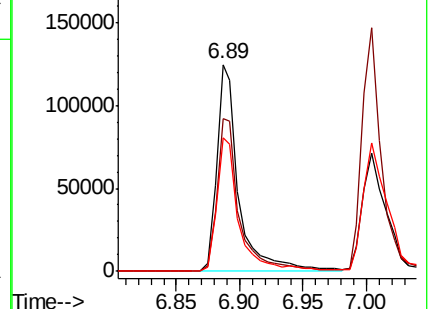
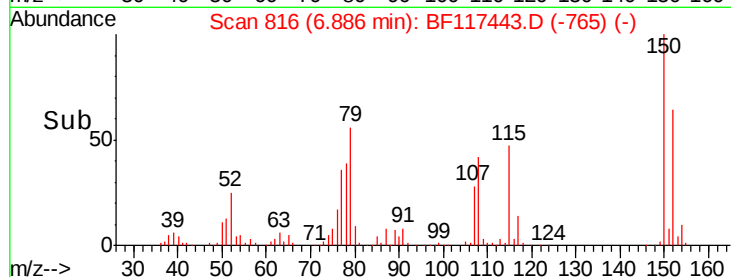
77 64.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.935 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

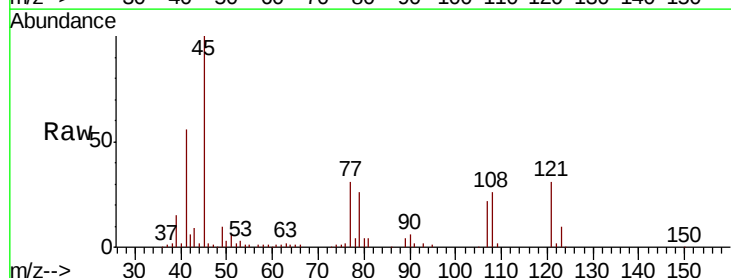
Tgt Ion: 45 Resp: 169985

Ion Ratio Lower Upper

45 100

77 30.8 9.9 49.9

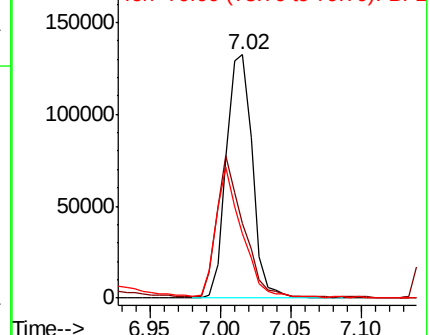
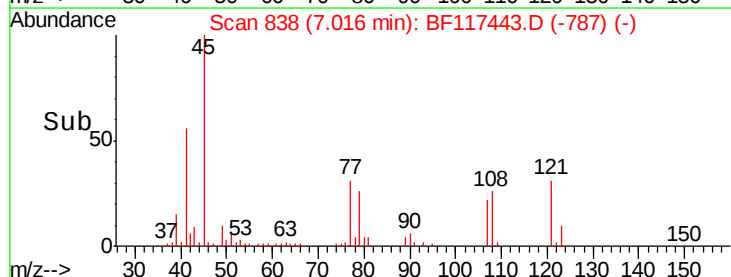
79 26.3 5.5 45.5

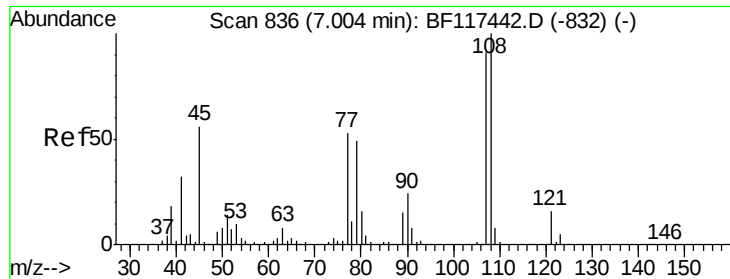


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 48.711 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 134587

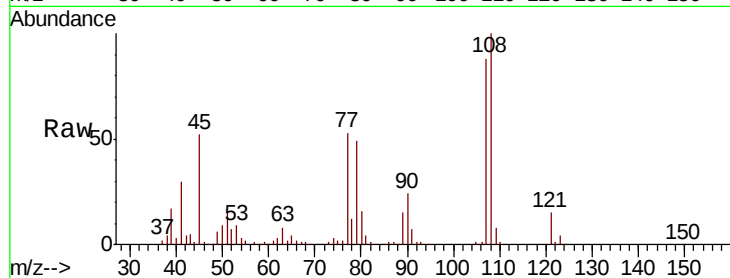
Ion Ratio Lower Upper

107 100

108 113.1 88.0 132.0

77 59.5 47.2 70.8

79 54.9 44.1 66.1

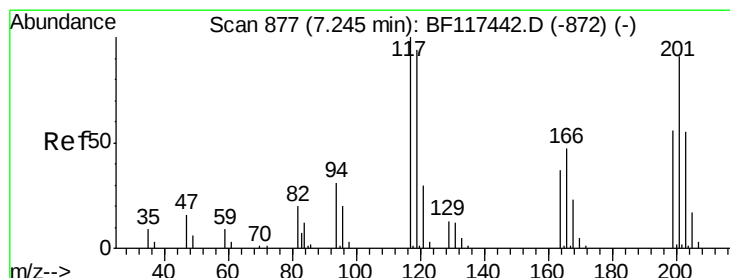
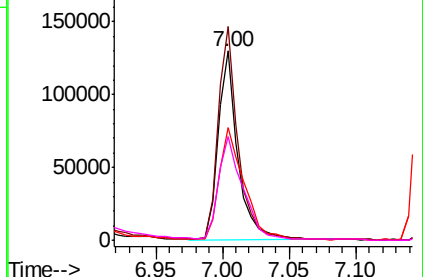
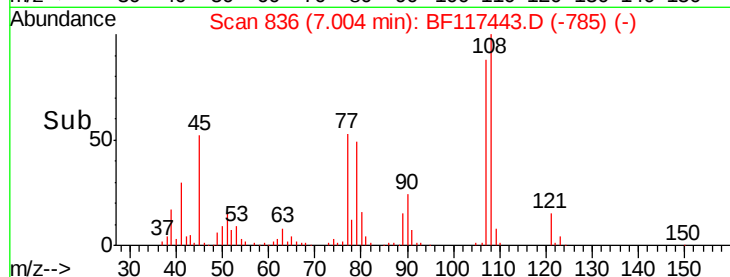


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.035 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

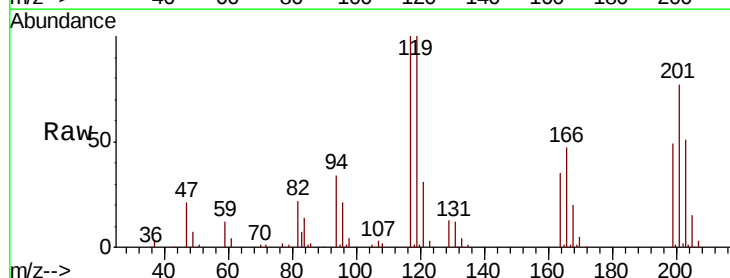
Tgt Ion:117 Resp: 71928

Ion Ratio Lower Upper

117 100

119 99.8 75.4 113.0

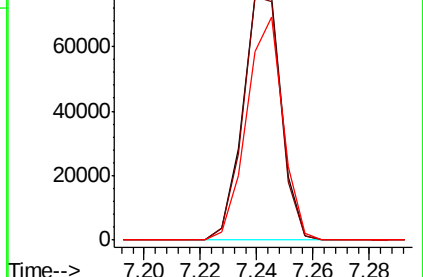
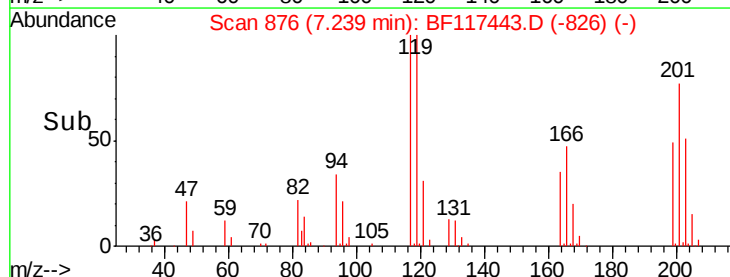
201 77.4 72.5 108.7

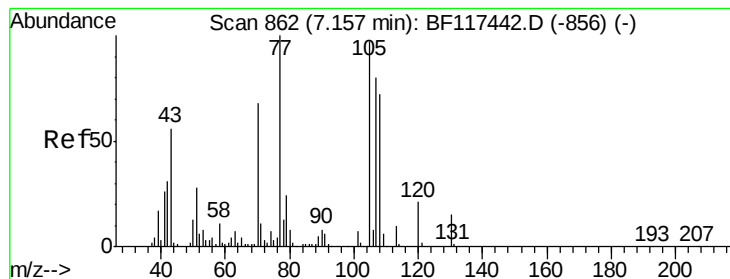


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.814 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 127968

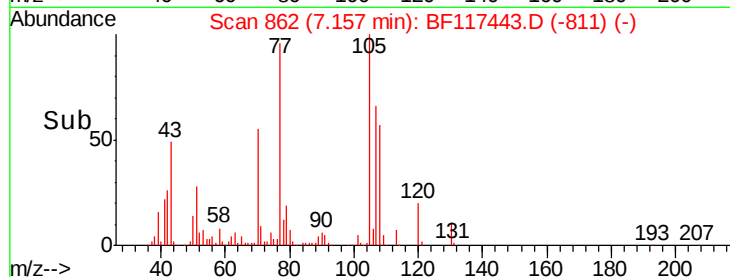
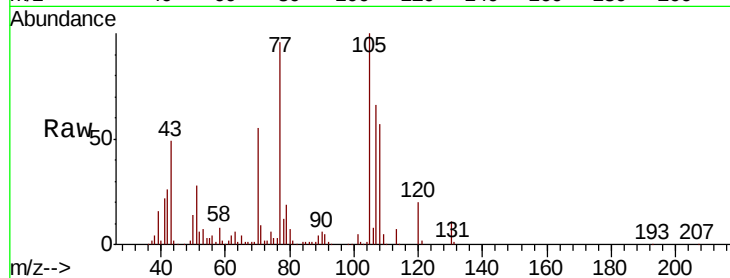
Ion Ratio Lower Upper

70 100

42 47.1 36.7 55.1

101 9.4 8.3 12.5

130 19.9 18.1 27.1

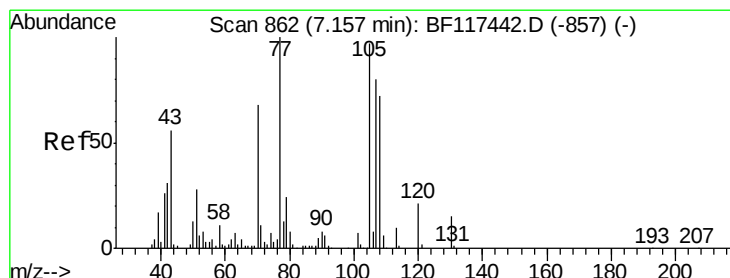
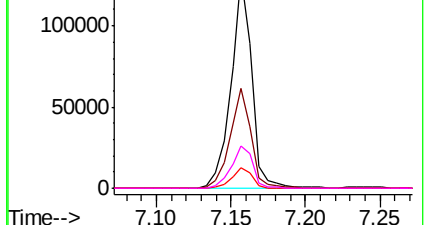


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 50.761 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:107 Resp: 180587

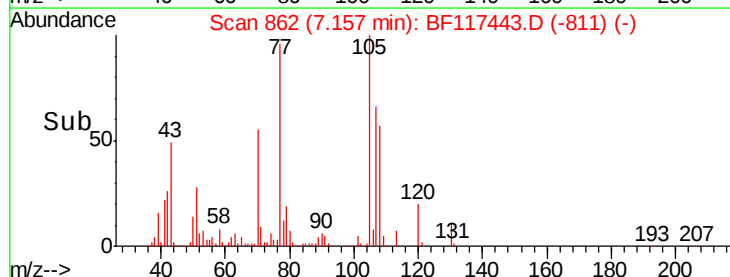
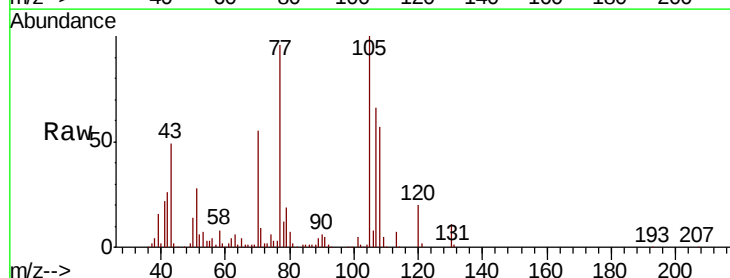
Ion Ratio Lower Upper

107 100

108 86.8 70.3 110.3

77 146.2 104.8 144.8#

79 29.0 10.0 50.0

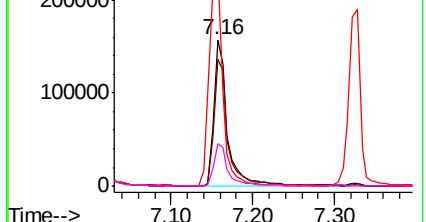


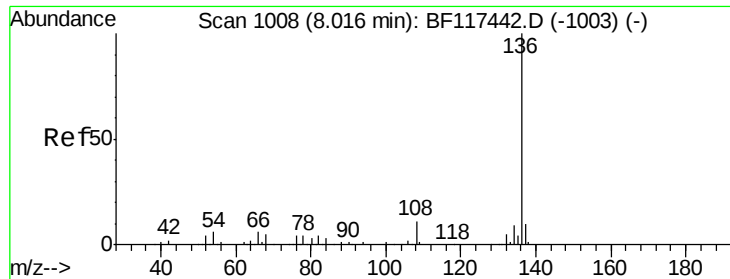
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

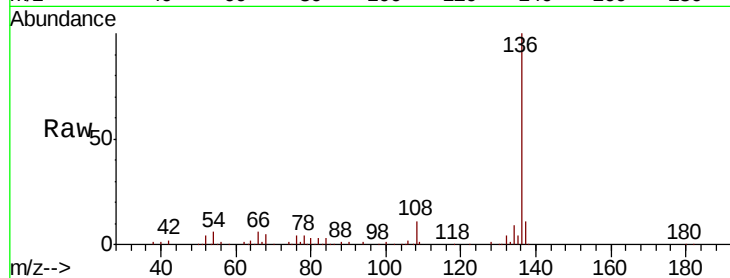




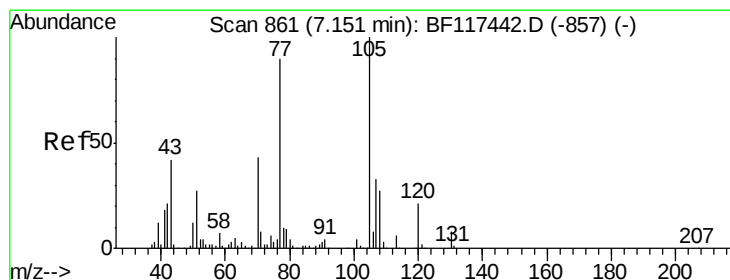
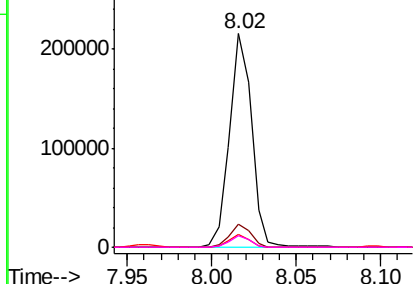
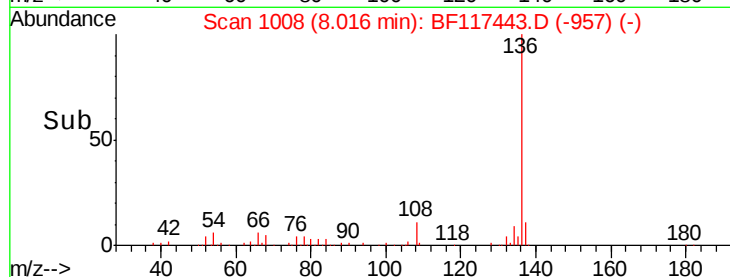
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	196373
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.2 12.4
54	6.1	4.5 6.7
68	5.3	4.3 6.5

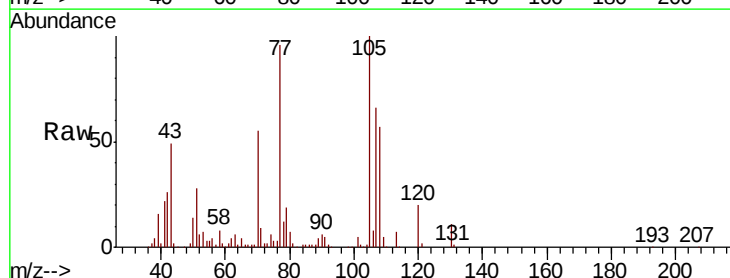


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

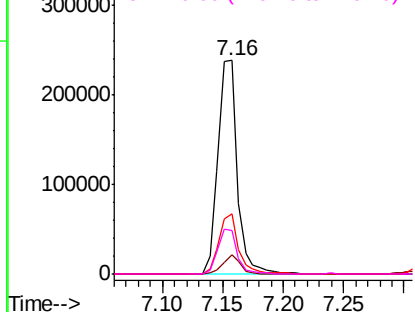
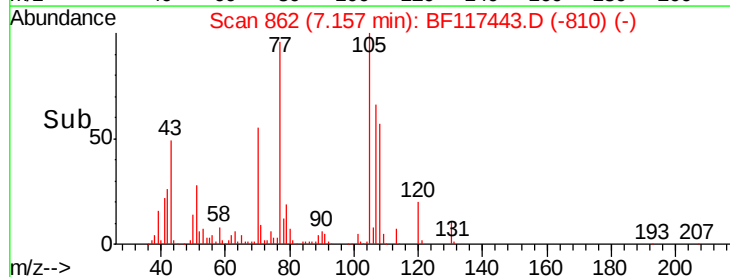


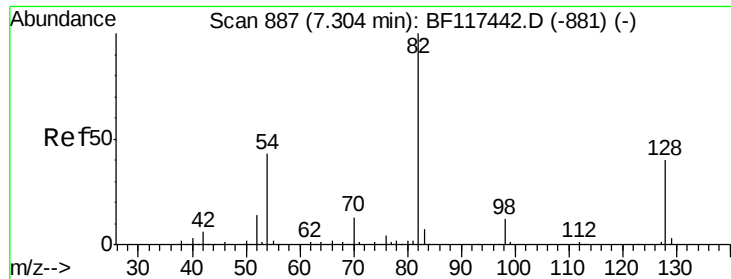
#22
Acetophenone
Concen: 50.918 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:105	Resp:	262379
Ion	Ratio	Lower Upper
105	100	
71	9.2	6.2 9.2
51	28.1	21.8 32.6
120	20.2	16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

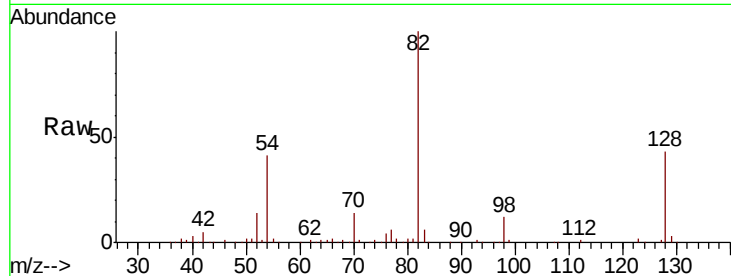




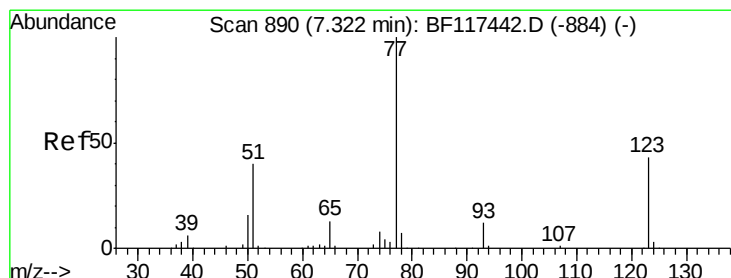
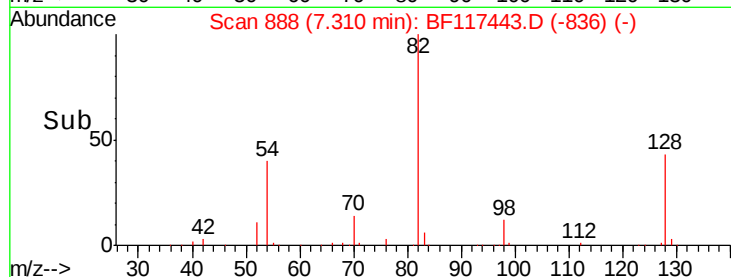
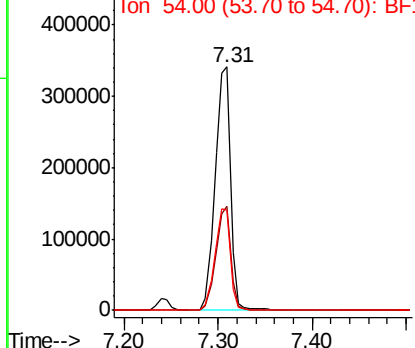
#23
 Nitrobenzene-d5
 Concen: 102.648 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 397656
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.2 48.2
 54 41.2 34.2 51.2

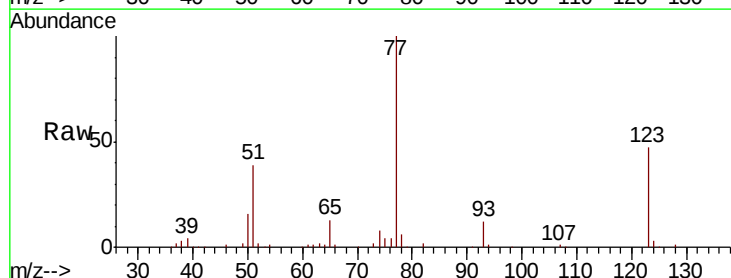


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

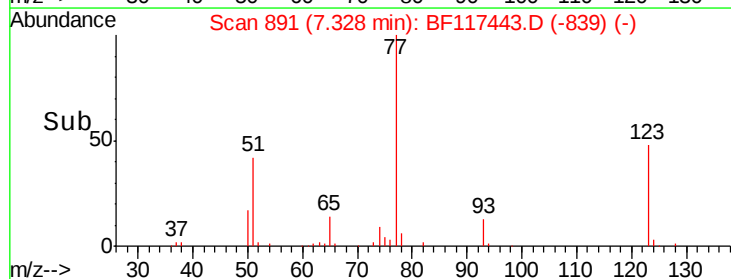
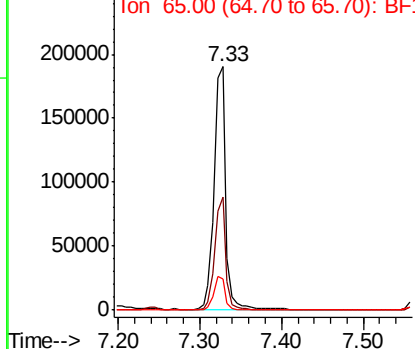


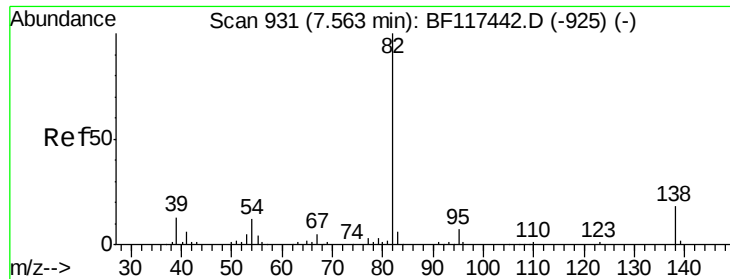
#24
 Nitrobenzene
 Concen: 49.579 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion: 77 Resp: 192398
 Ion Ratio Lower Upper
 77 100
 123 46.6 34.2 51.2
 65 12.8 10.3 15.5



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





#25

Isophorone

Concen: 49.583 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

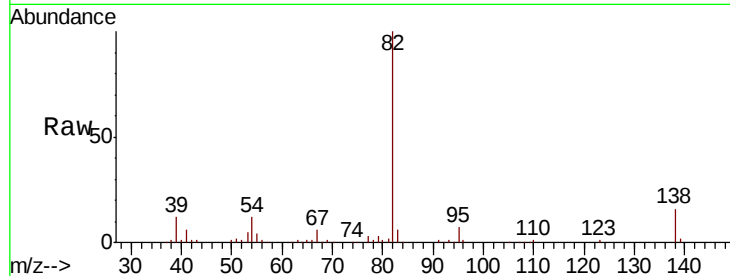
Tot Ion: 82 Resp: 342173

Ion Ratio Lower Upper

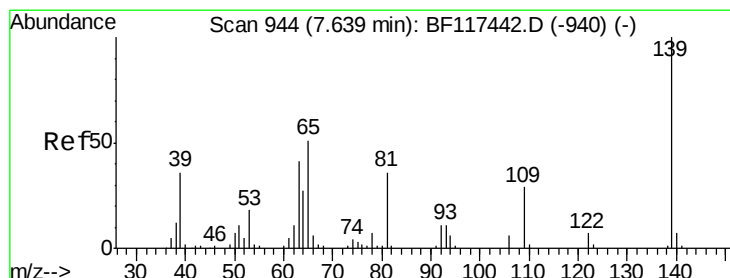
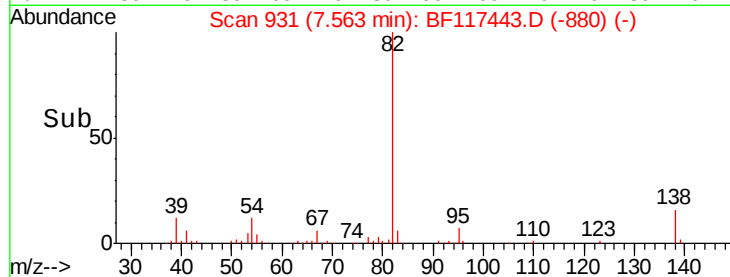
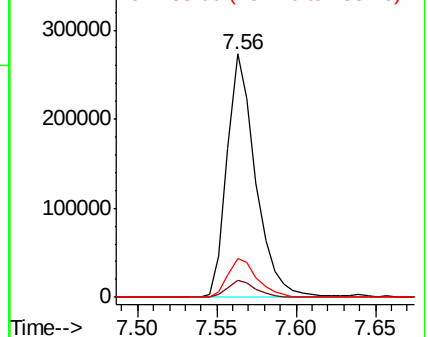
82 100

95 7.2 5.4 8.0

138 15.9 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: 49.755 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

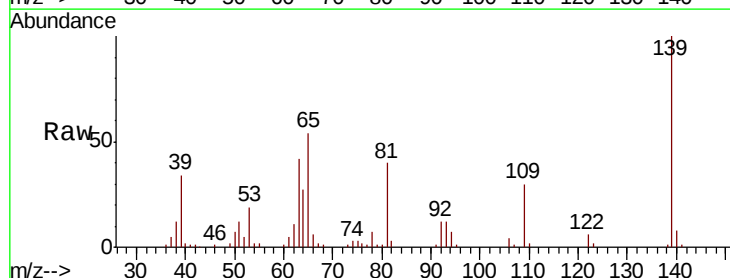
Tgt Ion: 139 Resp: 85665

Ion Ratio Lower Upper

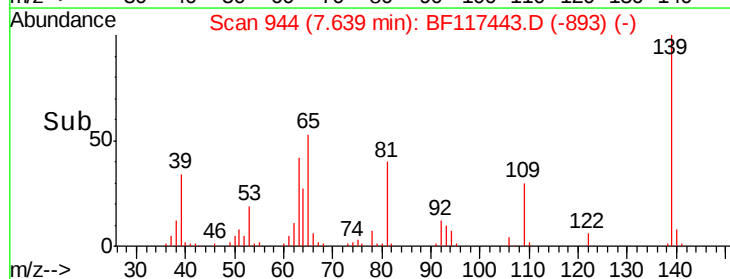
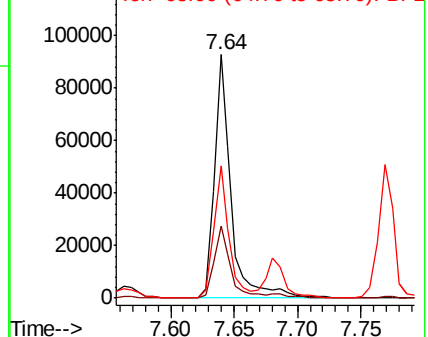
139 100

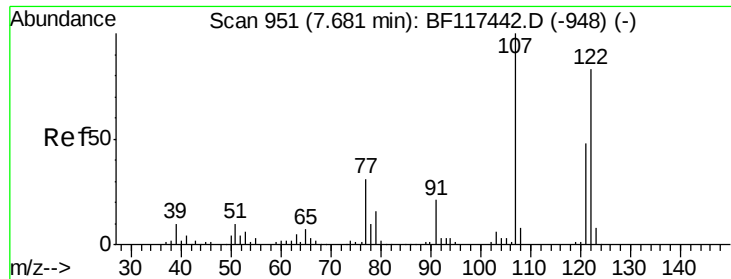
109 29.6 23.2 34.8

65 54.4 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

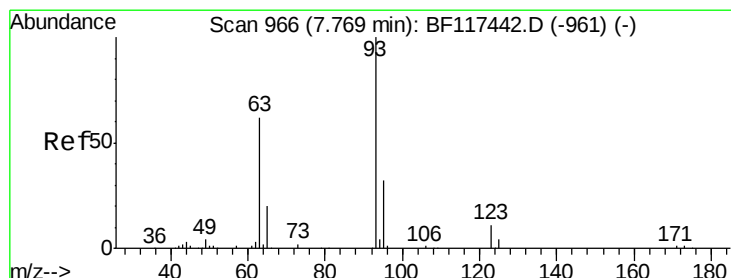
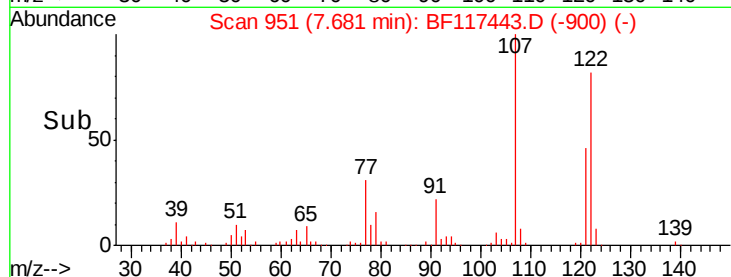
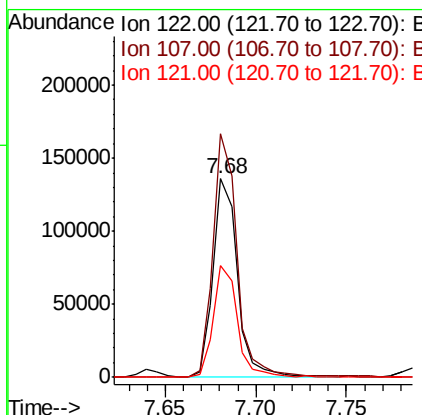
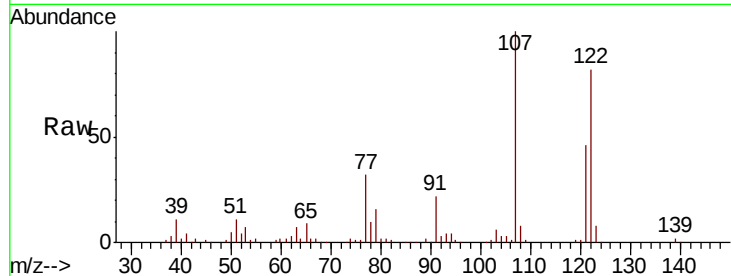




#27
 2,4-Dimethylphenol
 Concen: 48.437 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

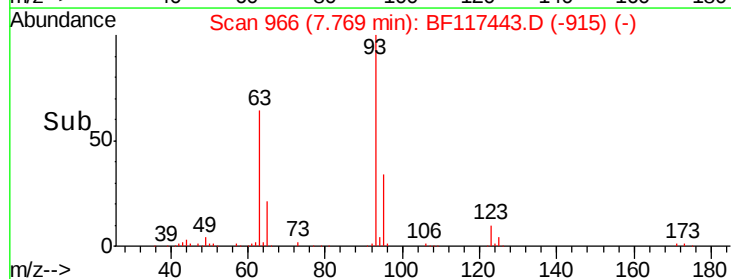
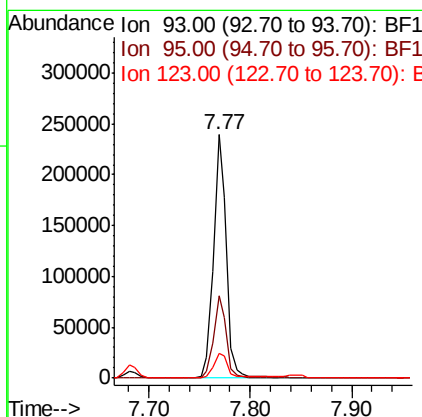
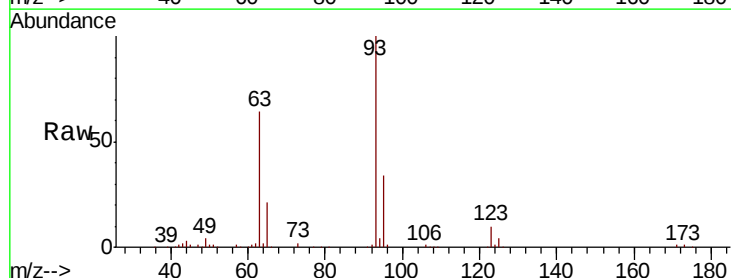
Instrument :
 BNA_F
 ClientSampled :

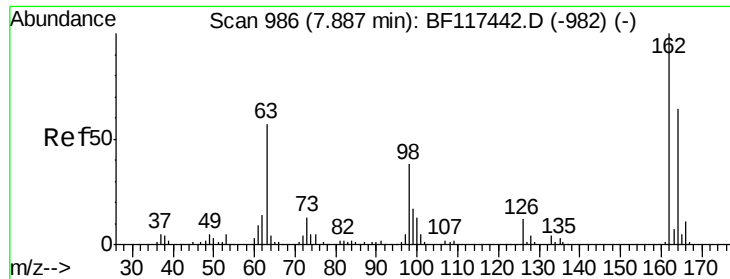
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	96.8	145.2
121	56.4	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.453 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.5	38.3
123	10.1	9.0	13.6

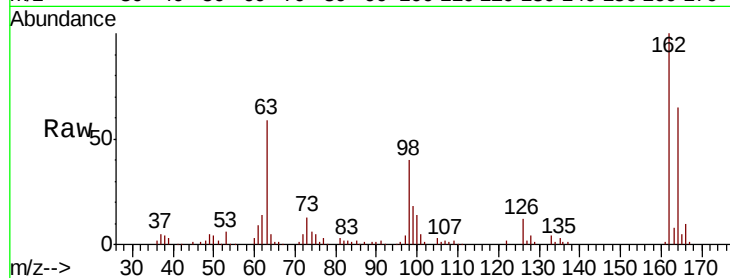




#29
 2,4-Dichlorophenol
 Concen: 49.772 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	40.0	18.2	58.2

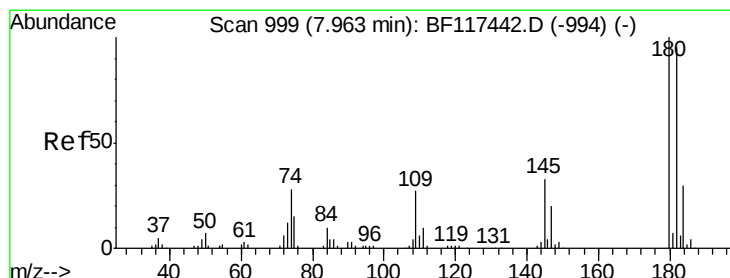
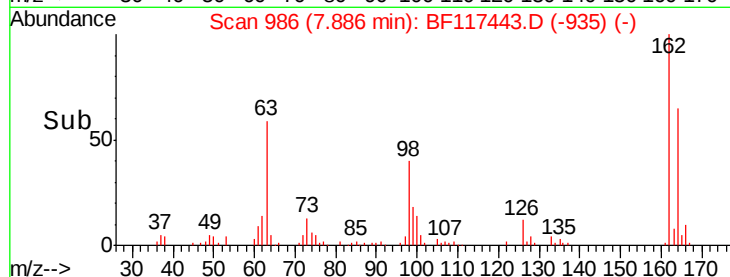
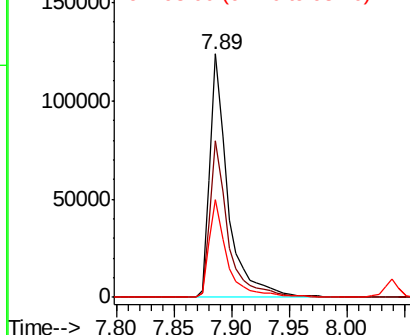


Abundance

Ion 162.00 (161.70 to 162.70): E

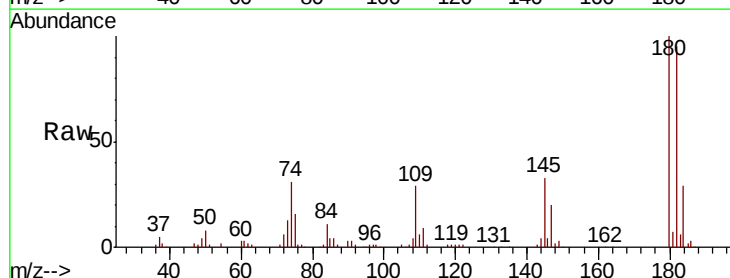
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.198 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	32.6	26.5	39.7

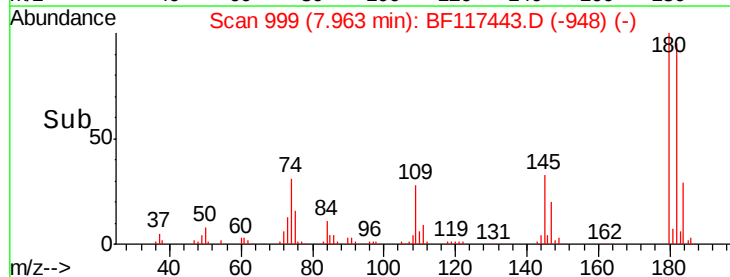
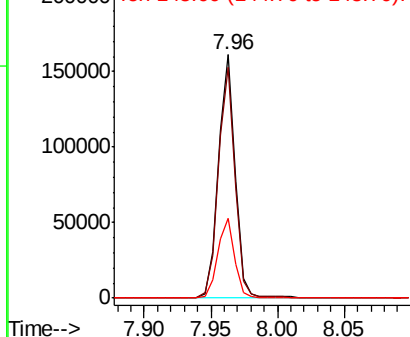


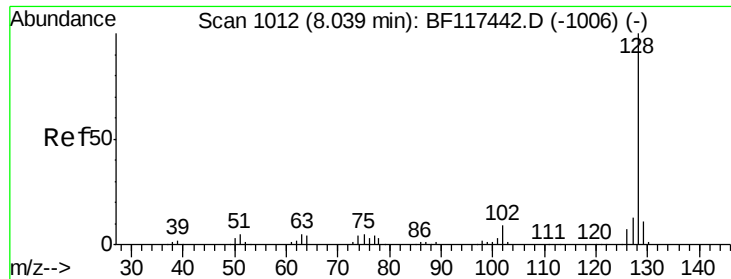
Abundance

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

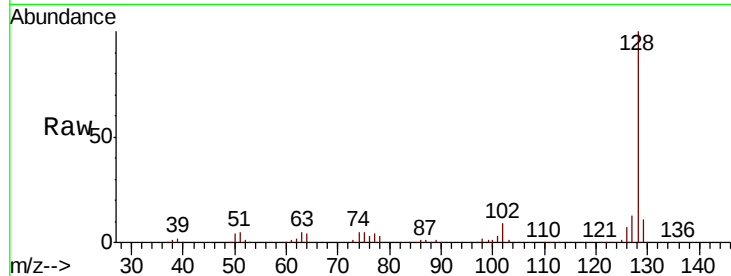




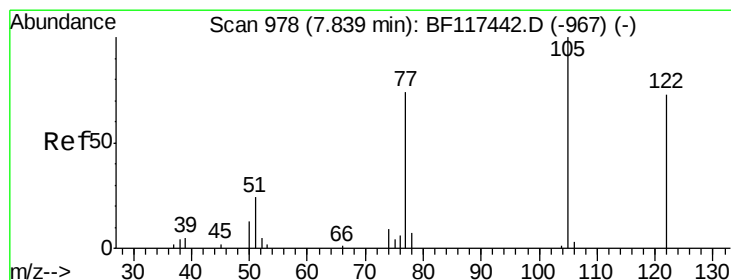
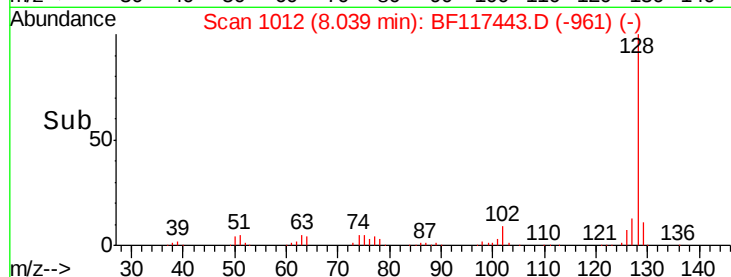
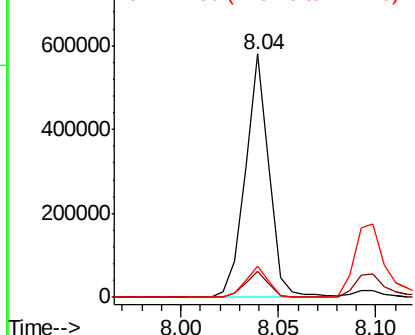
#31
Naphthalene
Concen: 49.653 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 486943
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.2 15.2

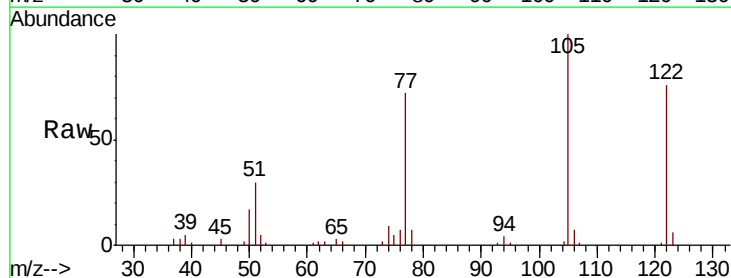


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

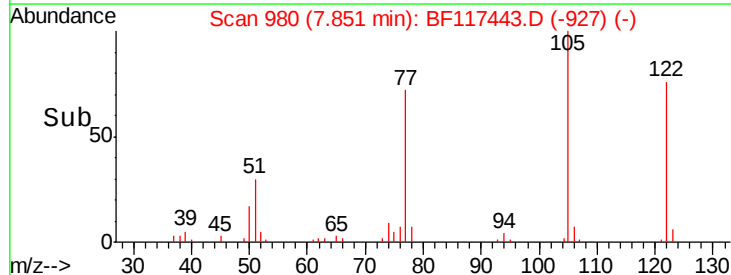
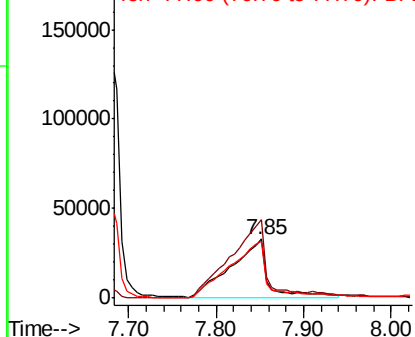


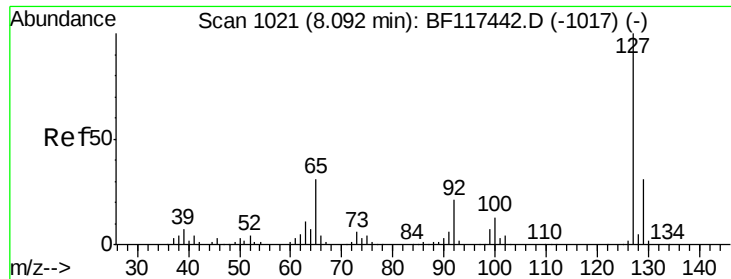
#32
Benzoic acid
Concen: 56.918 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:122 Resp: 92744
Ion Ratio Lower Upper
122 100
105 132.2 115.0 155.0
77 95.6 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

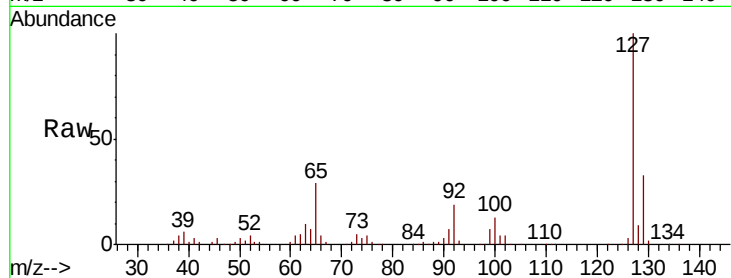




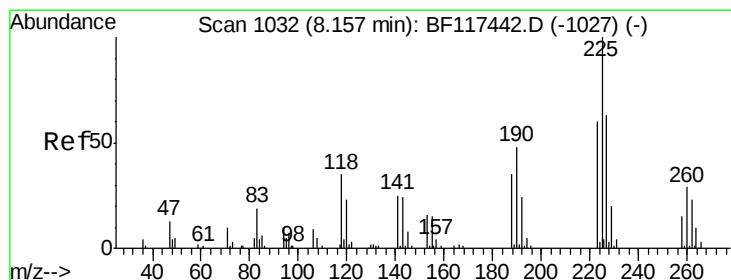
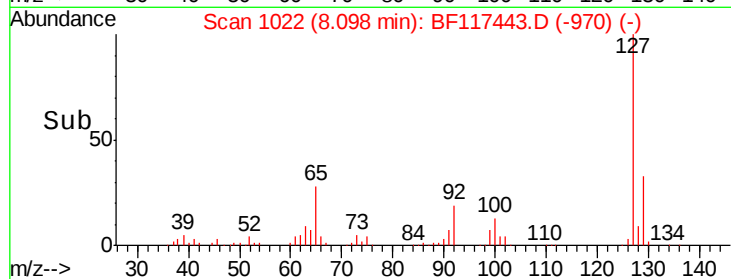
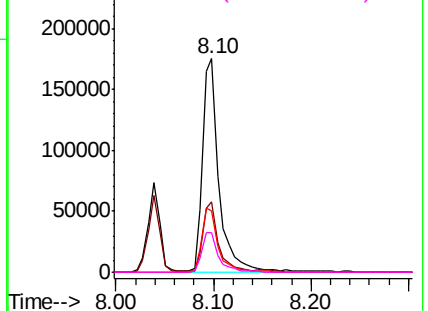
#33
4-Chloroaniline
Concen: 48.666 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	202689
Ion Ratio	Lower	Upper
127	100	
129	32.7	24.8 37.2
65	29.0	24.6 37.0
92	18.7	16.5 24.7

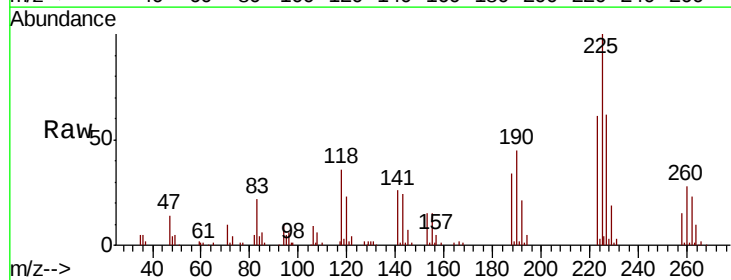


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

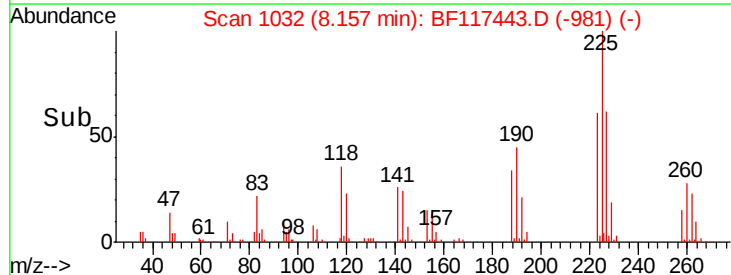
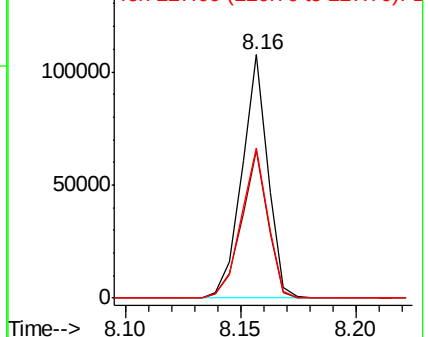


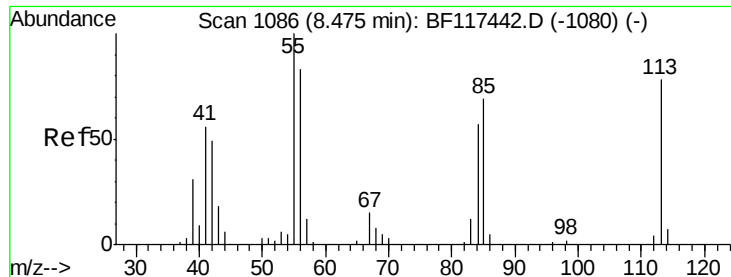
#34
Hexachlorobutadiene
Concen: 50.526 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:225	Resp:	84228
Ion Ratio	Lower	Upper
225	100	
223	60.9	48.2 72.4
227	61.7	50.2 75.4



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

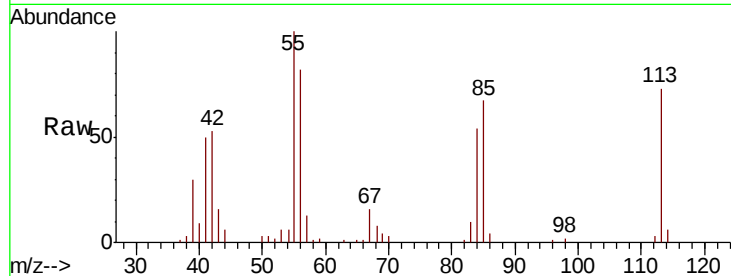




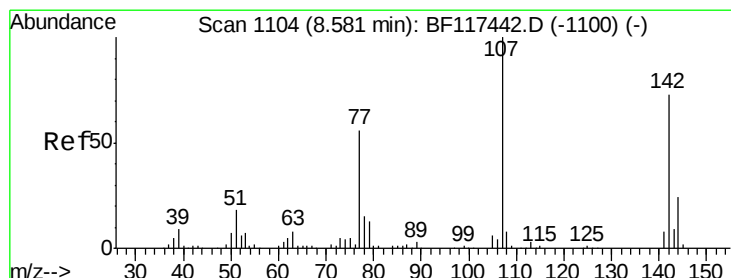
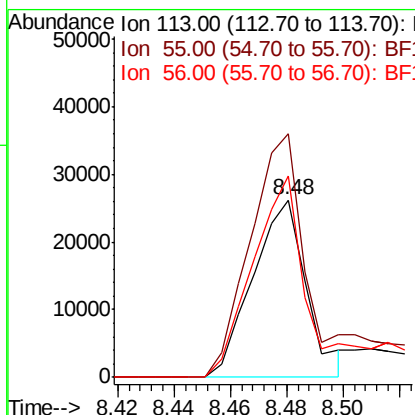
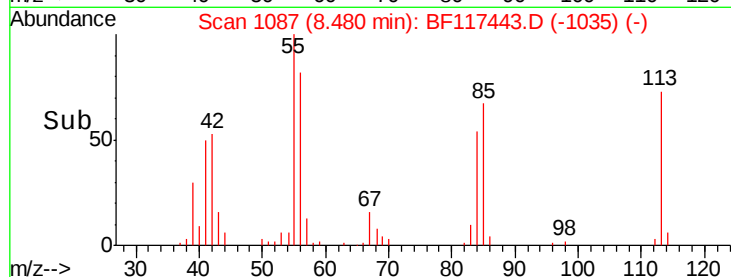
#35
Caprolactam
Concen: 40.767 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 34470
Ion Ratio Lower Upper
113 100
55 137.4 108.8 148.8
56 113.3 87.2 127.2

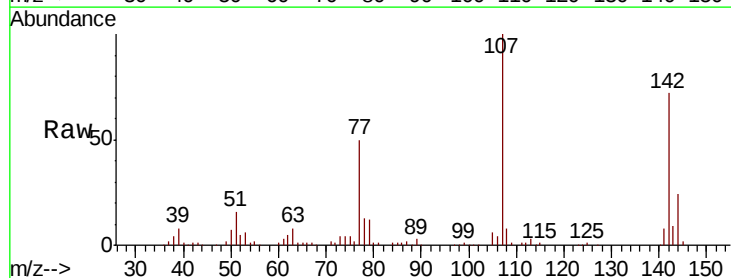


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

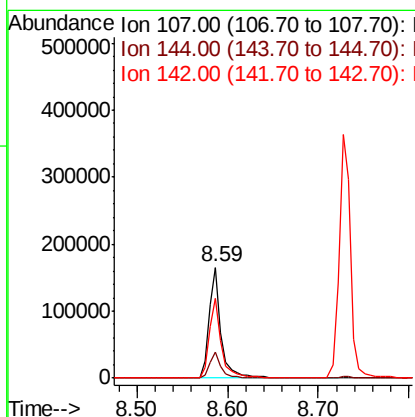
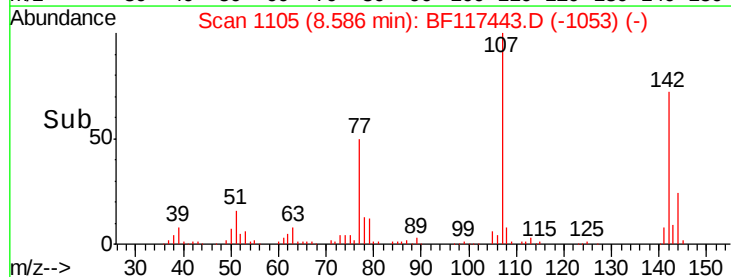


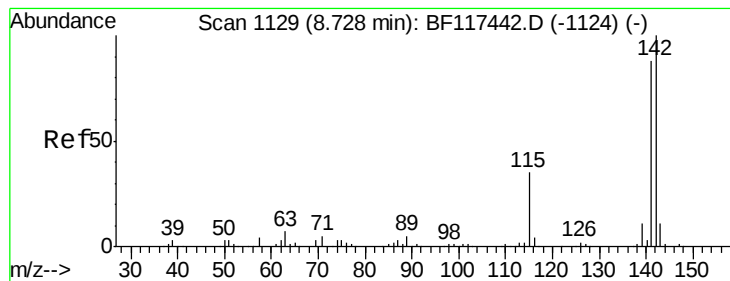
#36
4-Chloro-3-methylphenol
Concen: 50.083 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:107 Resp: 153869
Ion Ratio Lower Upper
107 100
144 23.9 18.9 28.3
142 71.6 58.6 88.0



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

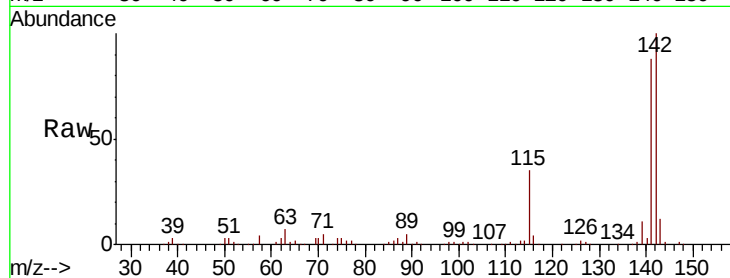




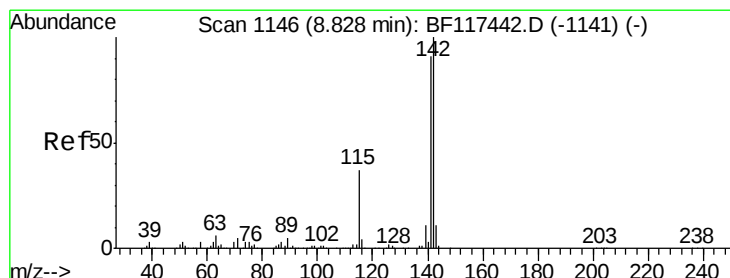
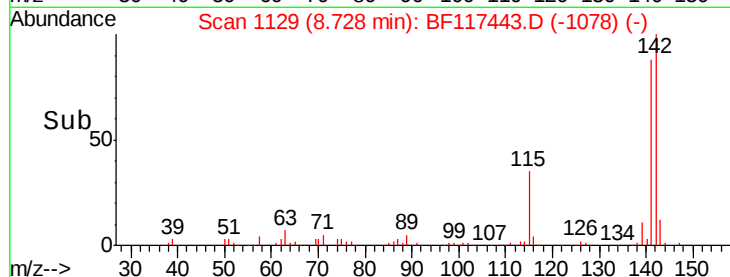
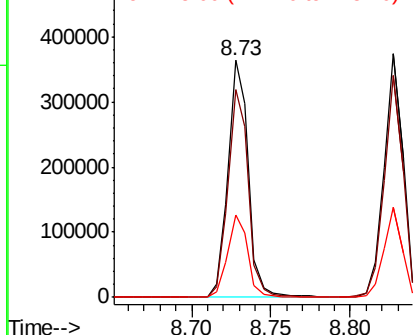
#37
 2-Methylnaphthalene
 Concen: 48.859 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	34.8	28.2	42.2

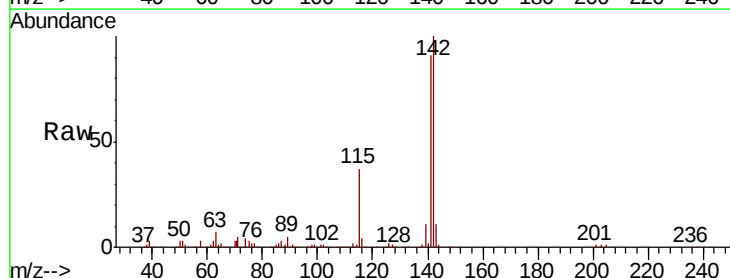


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

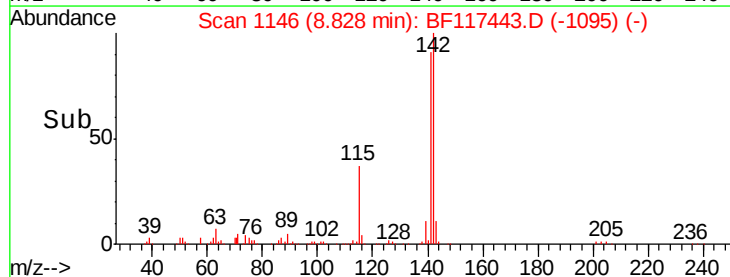
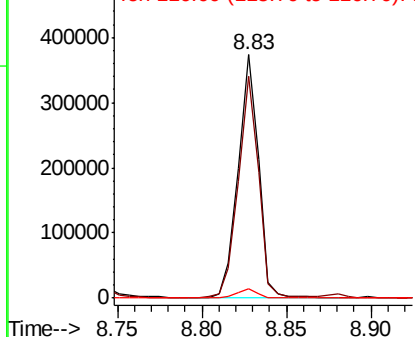


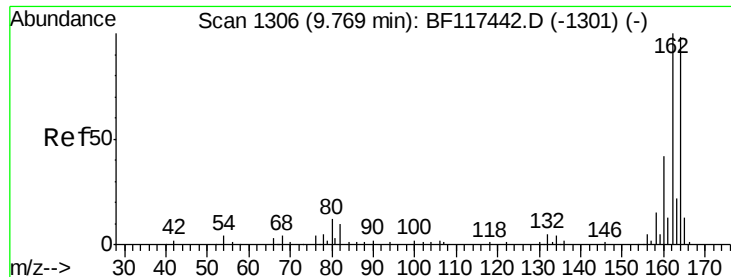
#38
 1-Methylnaphthalene
 Concen: 49.534 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	3.7	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

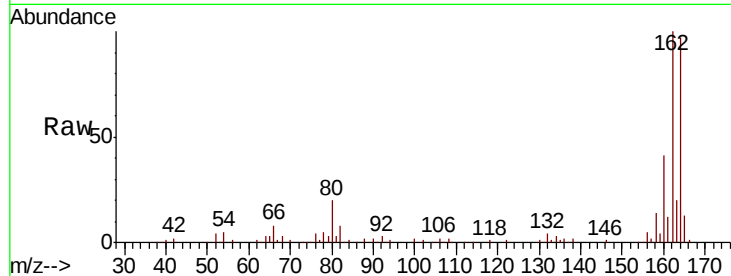




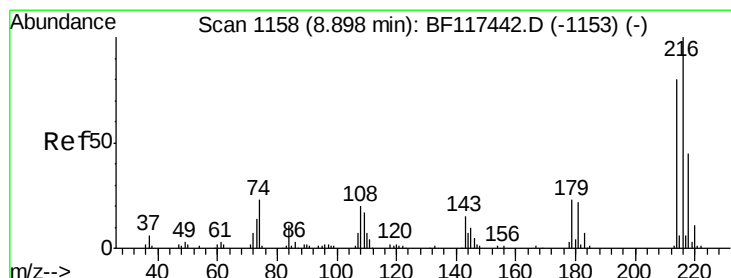
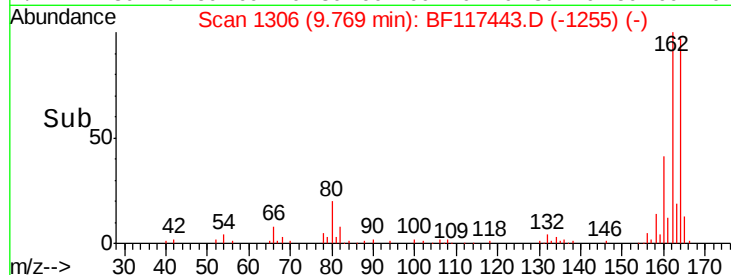
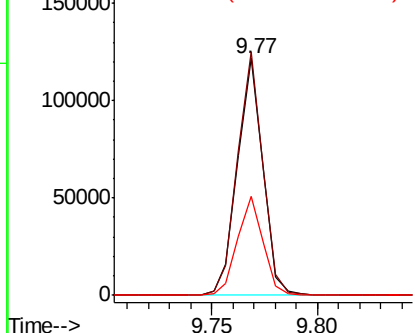
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 100998
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 41.9 34.4 51.6

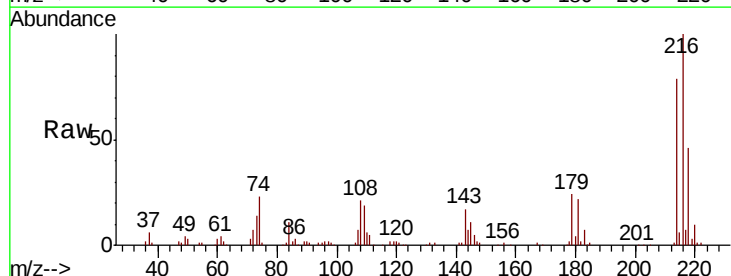


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

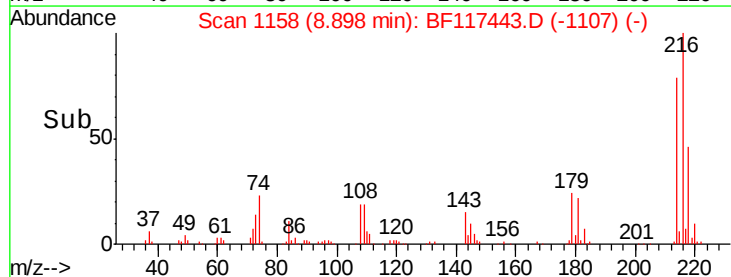
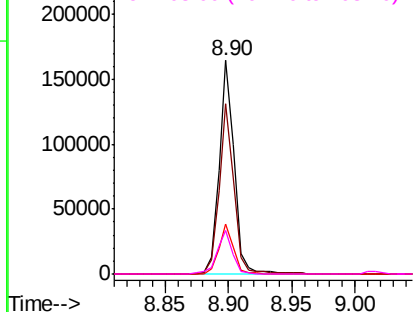


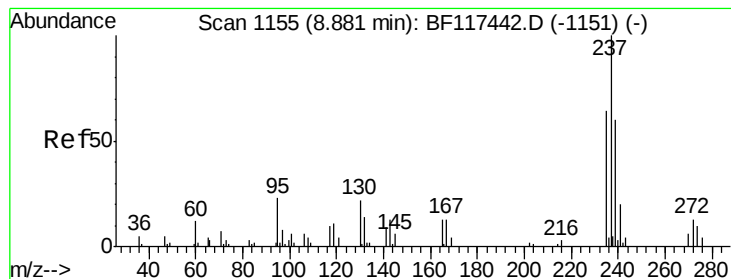
#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.685 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:216 Resp: 137773
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 22.7 18.1 27.1
108 21.1 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: 57.386 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

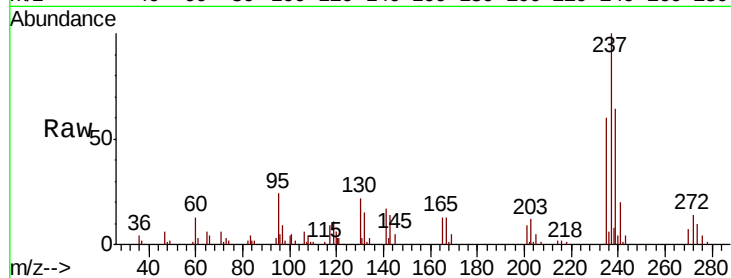
Tot Ion:237 Resp: 29128

Ion Ratio Lower Upper

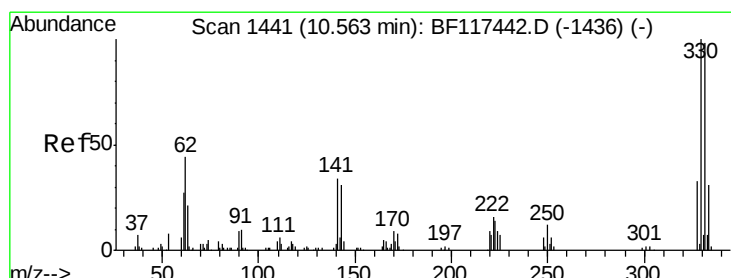
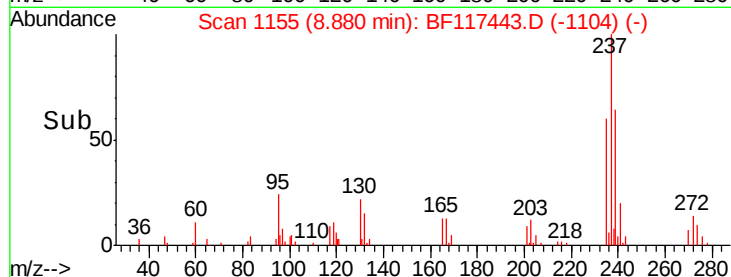
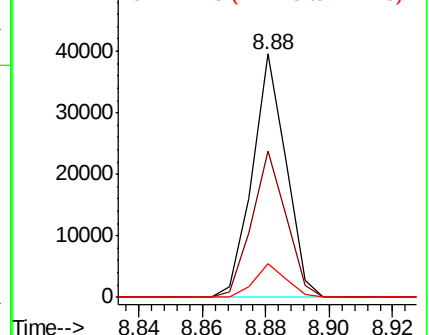
237 100

235 60.0 44.3 84.3

272 13.9 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: 107.279 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

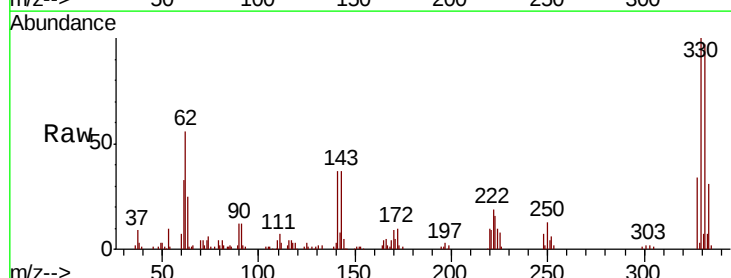
Tgt Ion:330 Resp: 88182

Ion Ratio Lower Upper

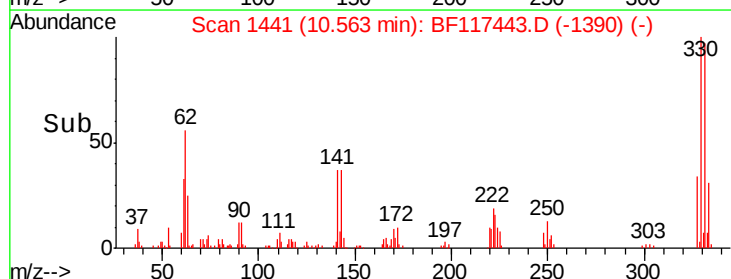
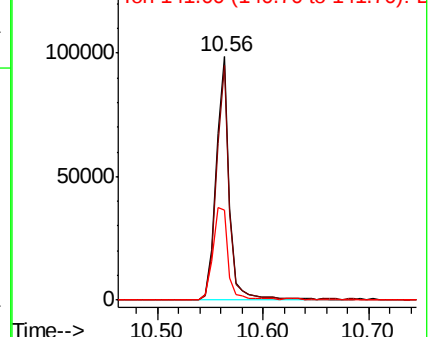
330 100

332 94.0 78.5 117.7

141 44.4 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

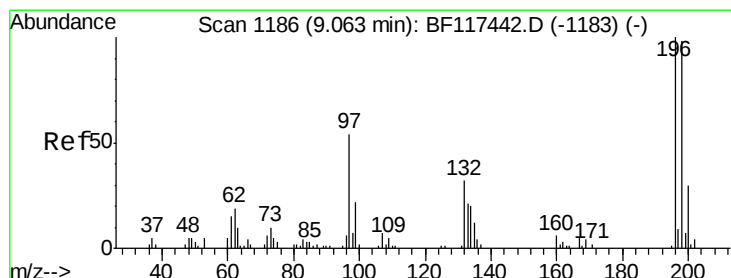
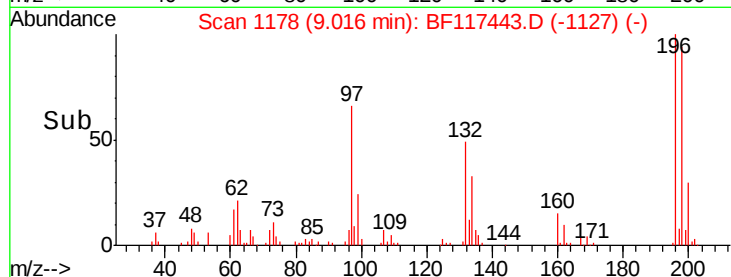
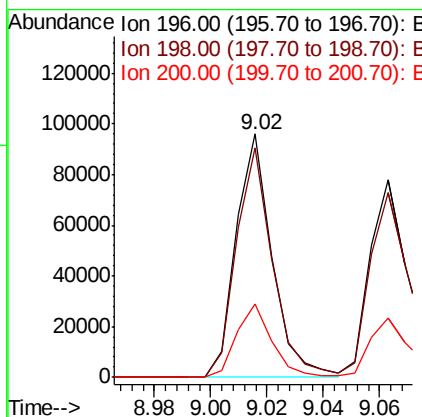
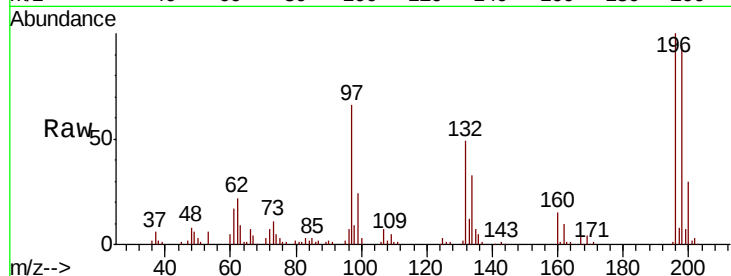




#43
 2,4,6-Trichlorophenol
 Concen: 49.715 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

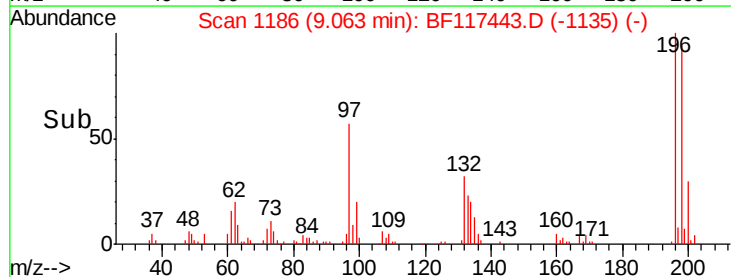
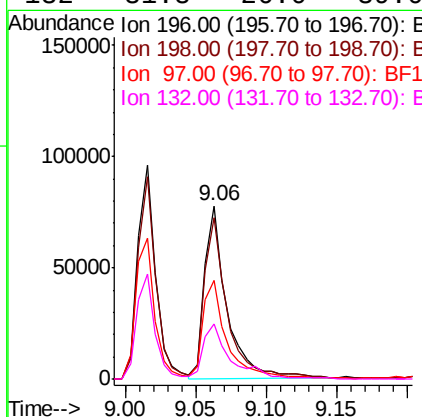
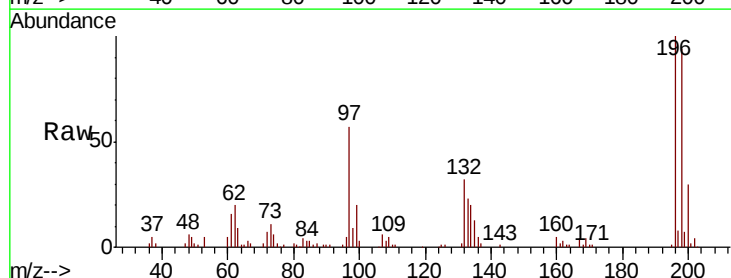
Instrument :
 BNA_F
 ClientSampleId :

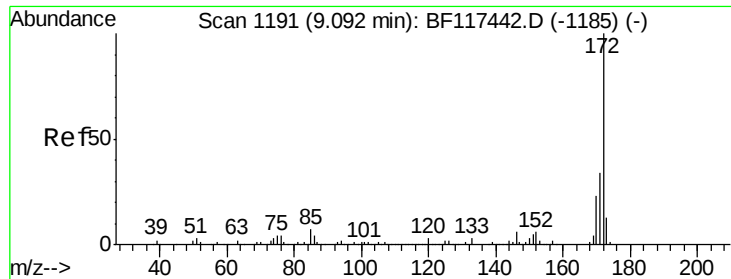
Tot Ion:196 Resp: 85521
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.1 111.1
 200 30.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.687 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:196 Resp: 85429
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.6 117.8
 97 57.1 43.4 65.2
 132 31.8 26.0 39.0

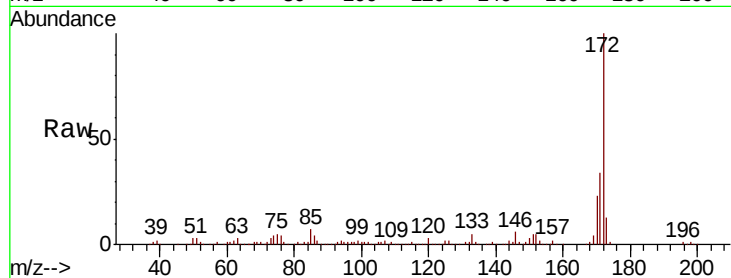




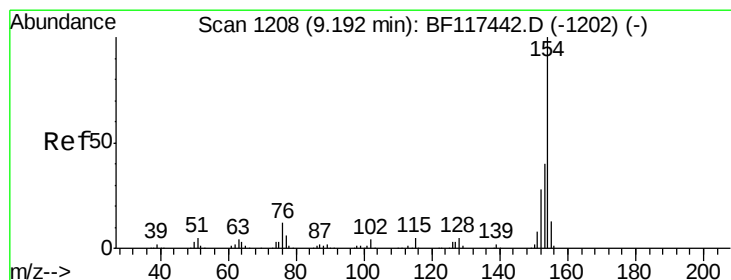
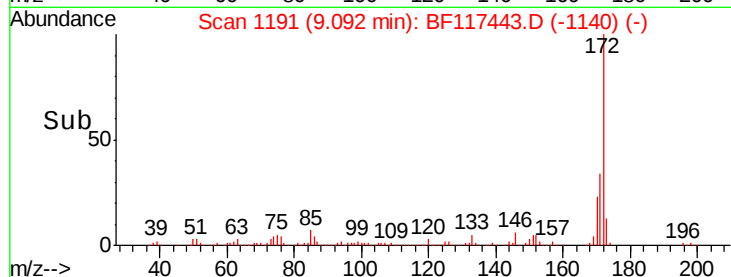
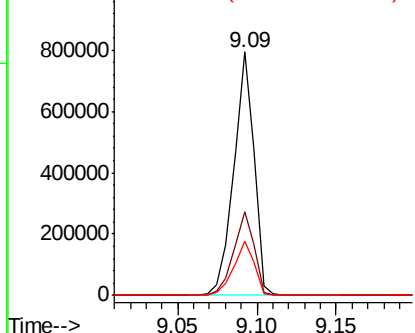
#45
2-Fluorobiphenyl
Concen: 102.063 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 707069
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 22.5 18.6 27.8

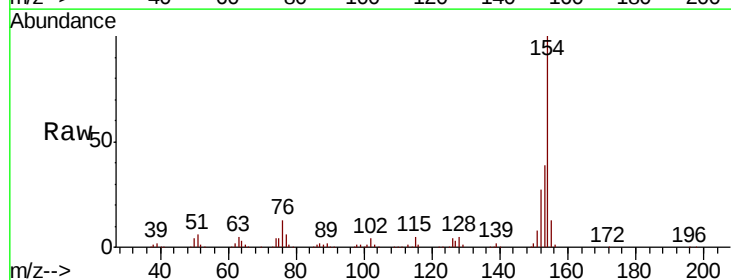


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

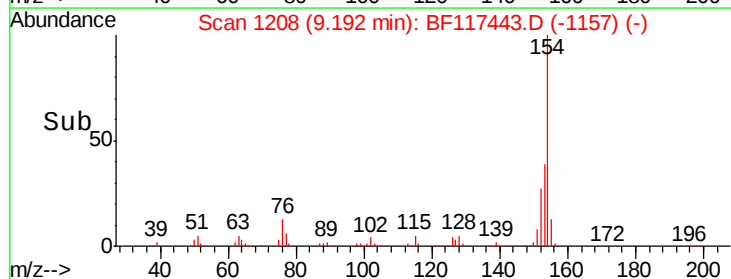
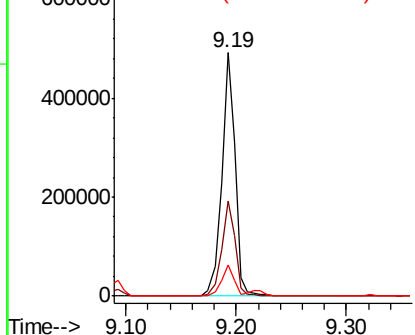


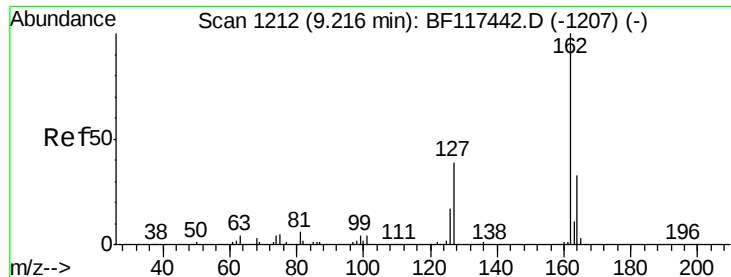
#46
1,1'-Biphenyl
Concen: 50.110 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:154 Resp: 413455
Ion Ratio Lower Upper
154 100
153 39.1 20.2 60.2
76 12.9 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

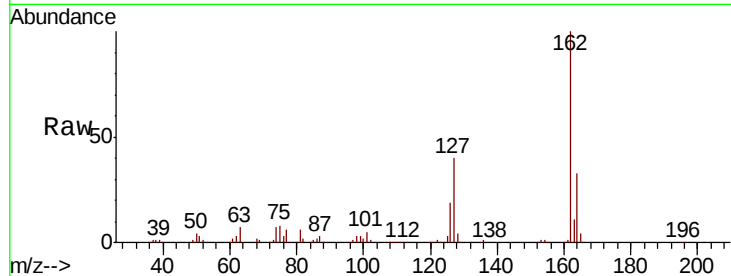




#47
2-Chloronaphthalene
Concen: 48.754 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	34.2	51.4
164	33.4	26.4	39.6

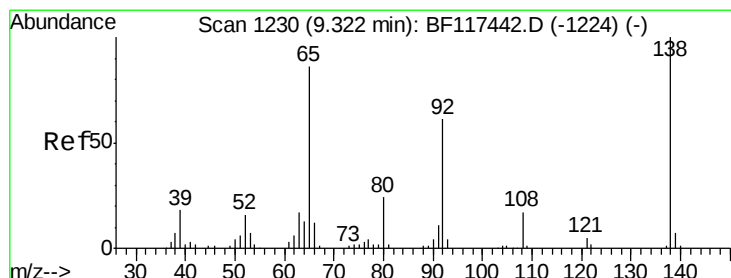
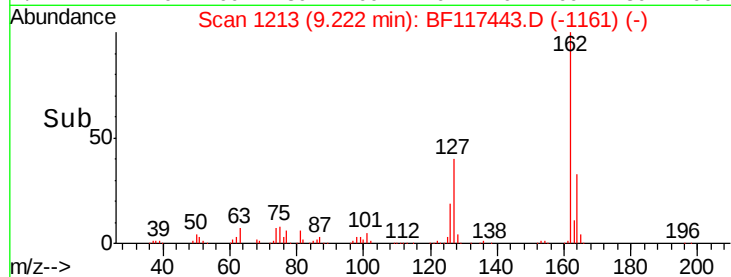
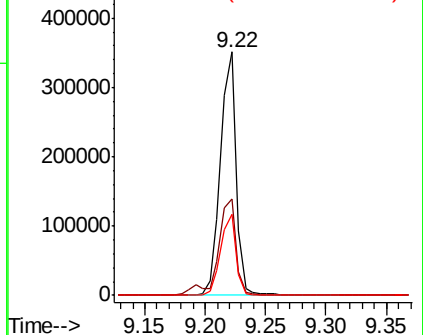


Abundance

Ion 162.00 (161.70 to 162.70): E

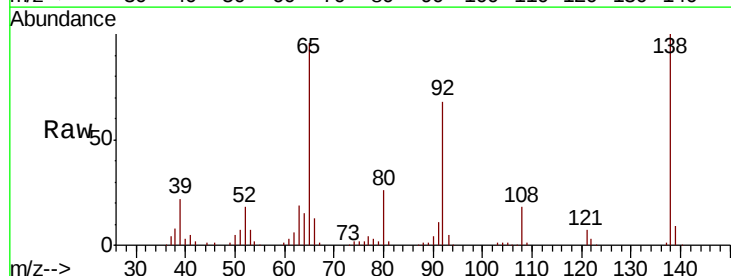
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 50.345 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.3	85.9
138	103.7	93.3	139.9

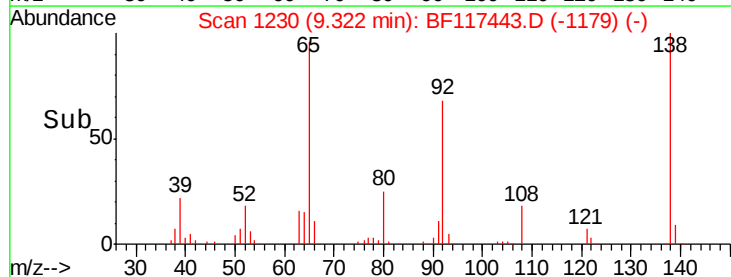
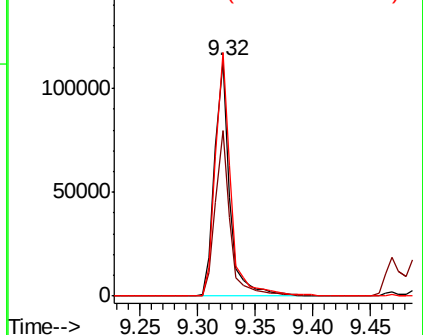


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.270 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

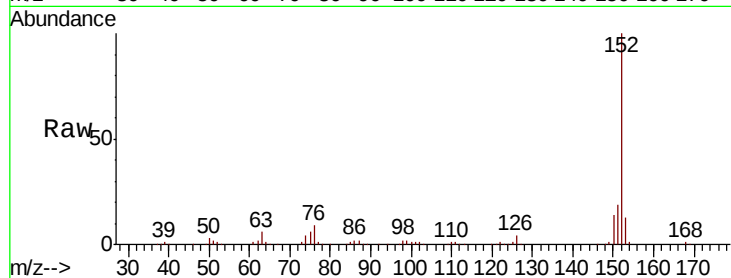
Tot Ion:152 Resp: 455137

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0

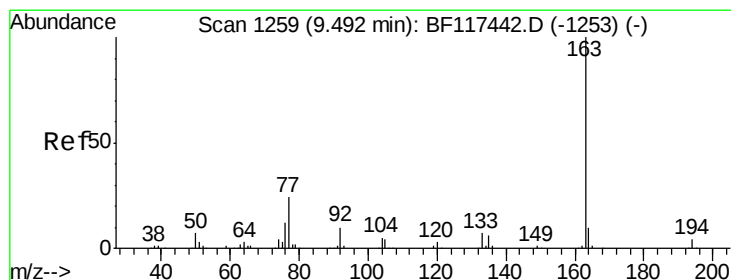
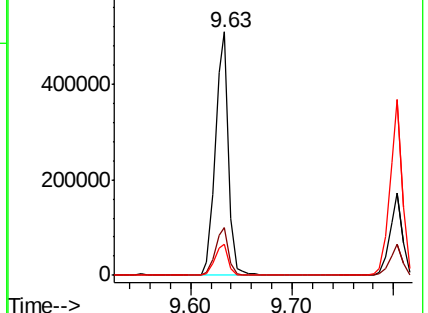
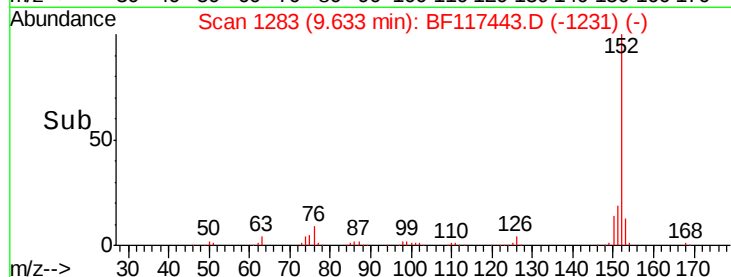
153 12.7 10.3 15.5



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: 48.966 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

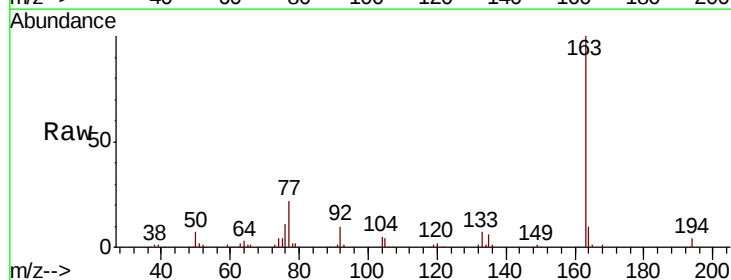
Tgt Ion:163 Resp: 355175

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

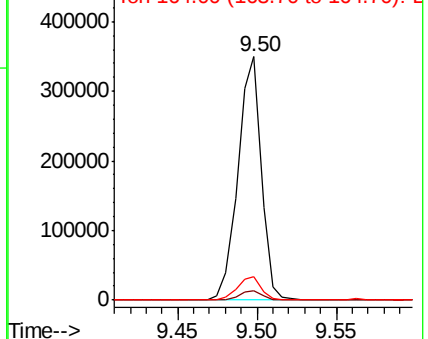
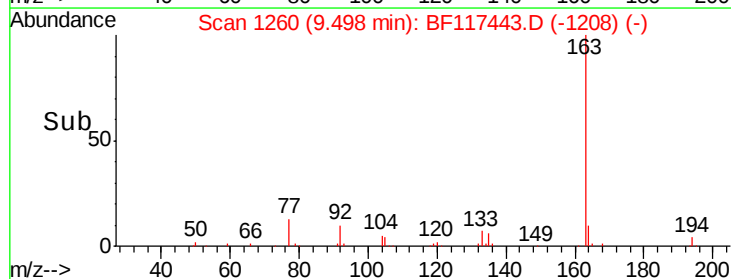
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

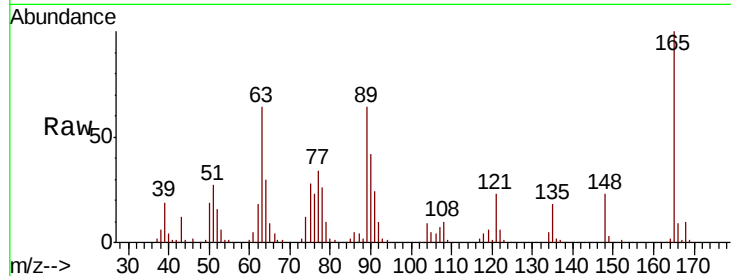




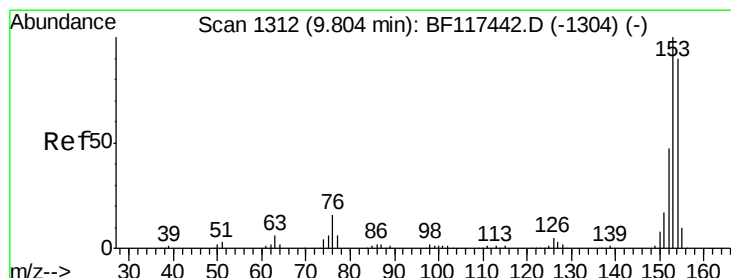
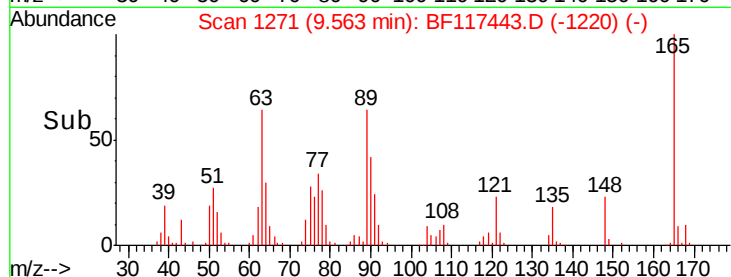
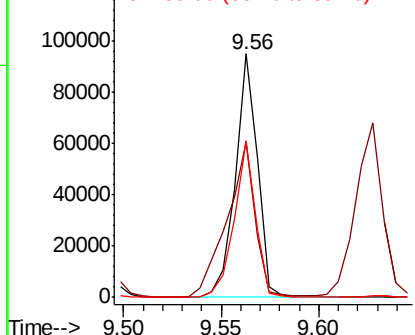
#51
 2,6-Dinitrotoluene
 Concen: 48.818 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 74429
 Ion Ratio Lower Upper
 165 100
 63 63.6 43.8 65.8
 89 64.4 47.6 71.4

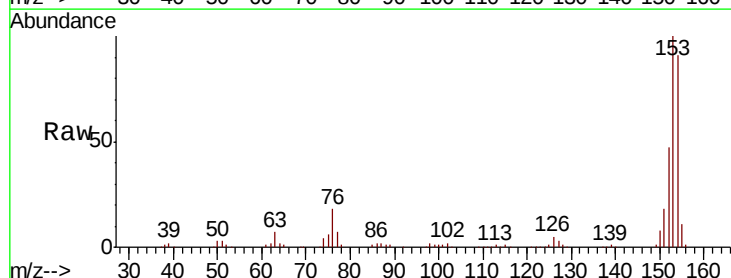


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

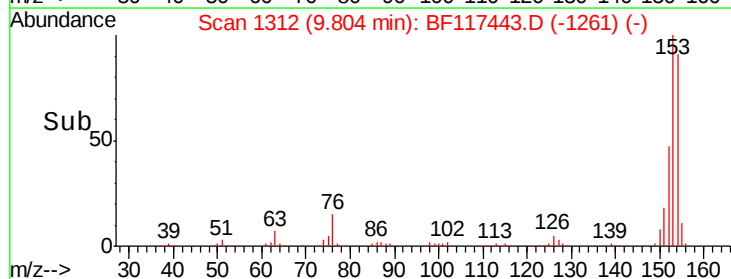
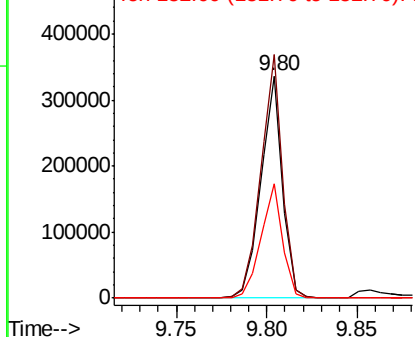


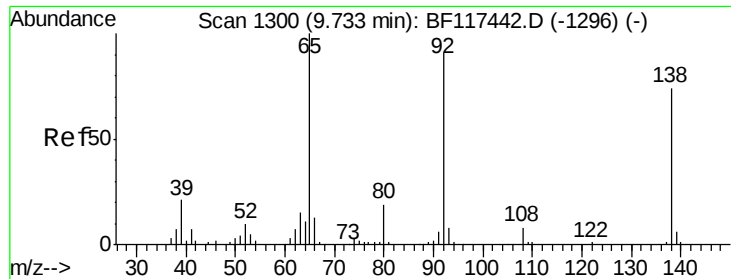
#52
 Acenaphthene
 Concen: 48.556 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:154 Resp: 278200
 Ion Ratio Lower Upper
 154 100
 153 109.5 89.2 133.8
 152 51.5 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

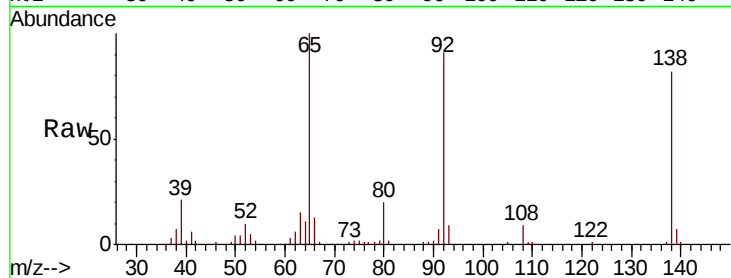




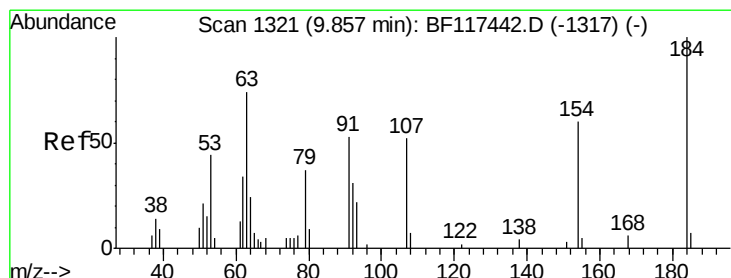
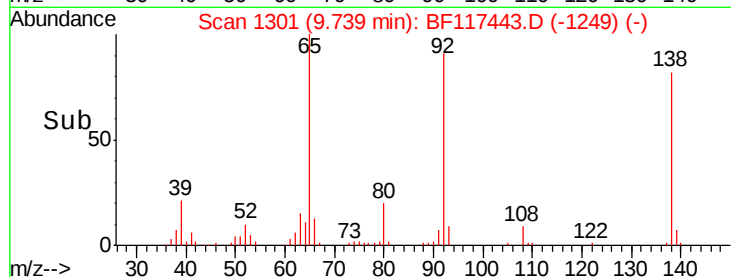
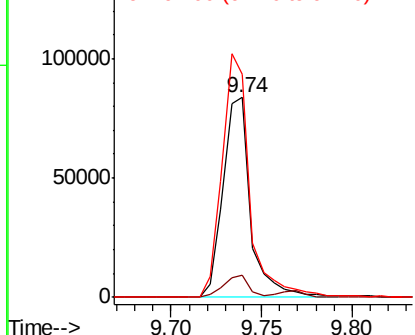
#53
 3-Nitroaniline
 Concen: 48.084 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 89522
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 111.6 98.4 147.6

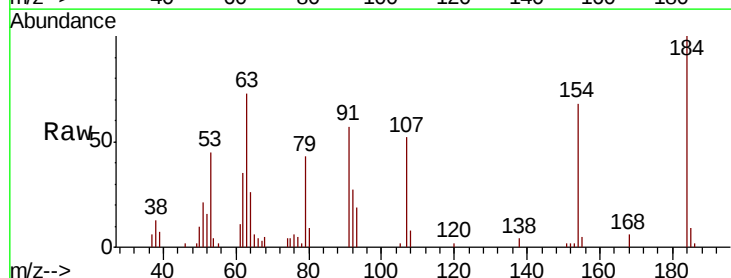


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

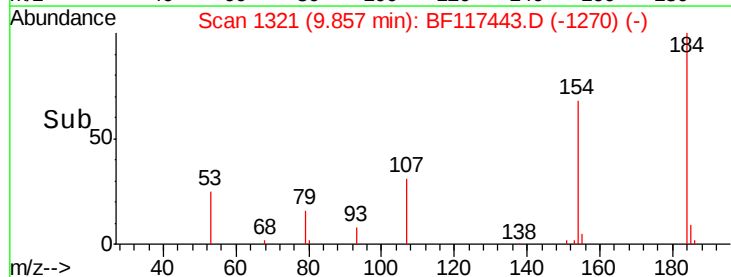
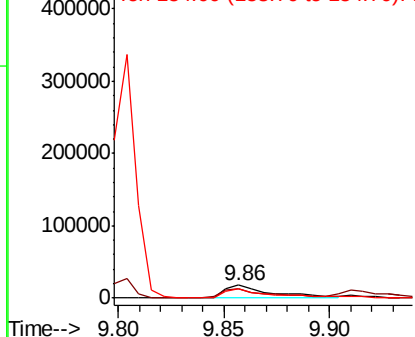


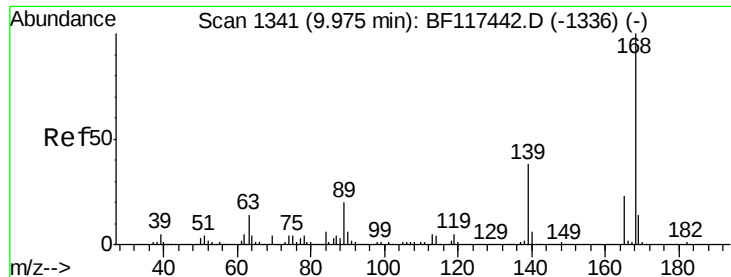
#54
 2,4-Dinitrophenol
 Concen: 48.519 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:184 Resp: 28342
 Ion Ratio Lower Upper
 184 100
 63 73.1 59.2 88.8
 154 67.9 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

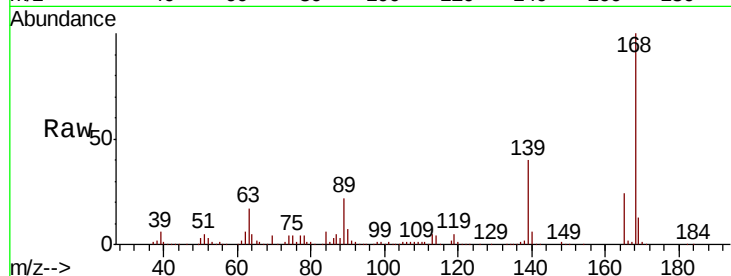




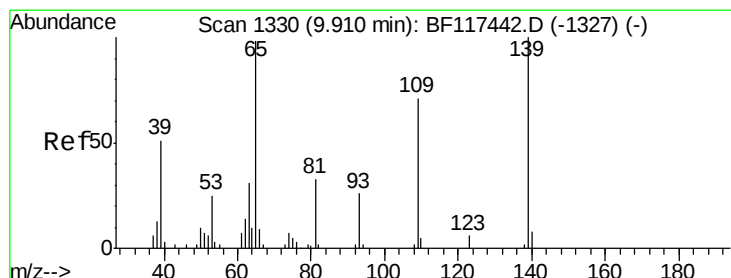
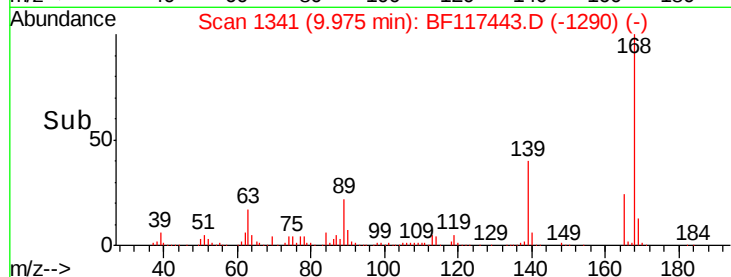
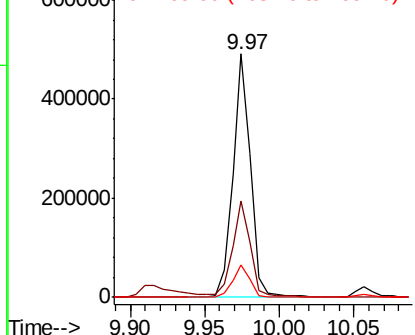
#55
Dibenzofuran
Concen: 48.956 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 409172
Ion Ratio Lower Upper
168 100
139 39.8 31.8 47.6
169 13.4 11.2 16.8

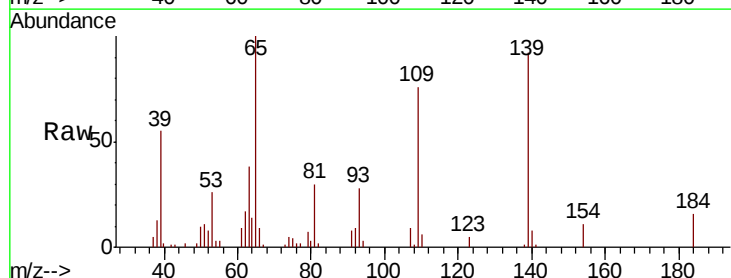


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

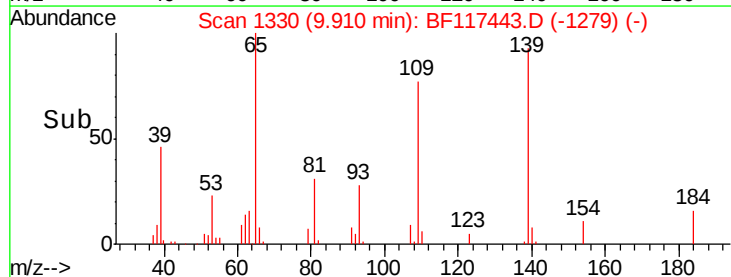
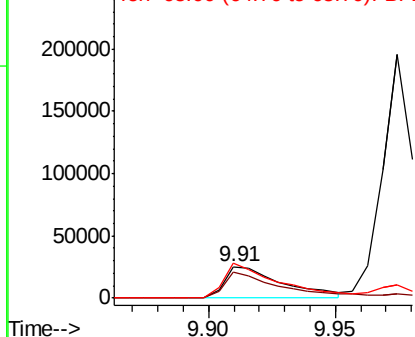


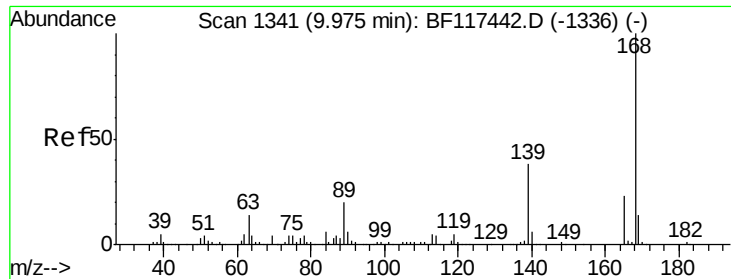
#56
4-Nitrophenol
Concen: 54.812 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:139 Resp: 40612
Ion Ratio Lower Upper
139 100
109 83.2 51.4 91.4
65 108.9 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

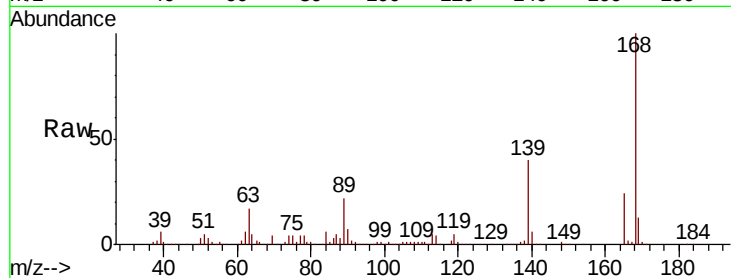




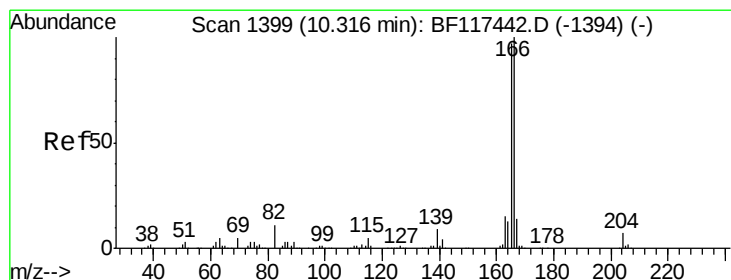
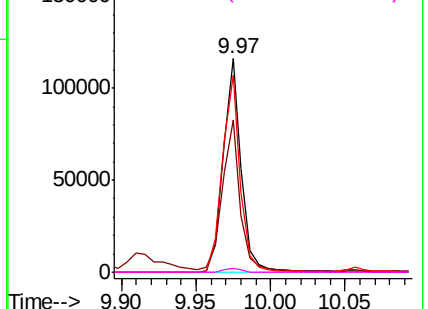
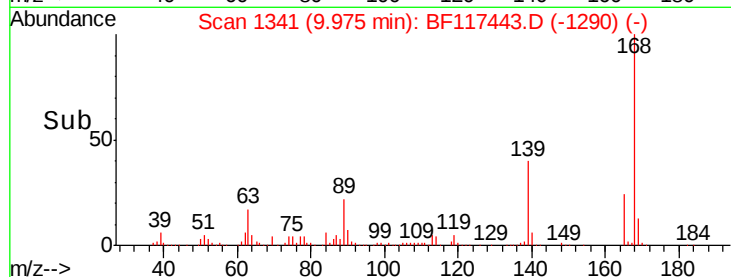
#57
2,4-Dinitrotoluene
Concen: 49.403 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 99384
Ion Ratio Lower Upper
165 100
63 71.2 51.4 77.0
89 92.2 69.9 104.9
182 2.0 1.9 2.9

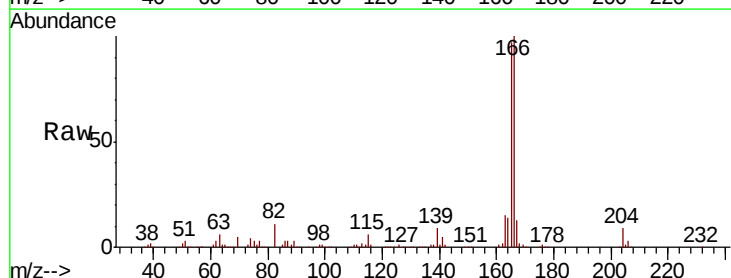


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

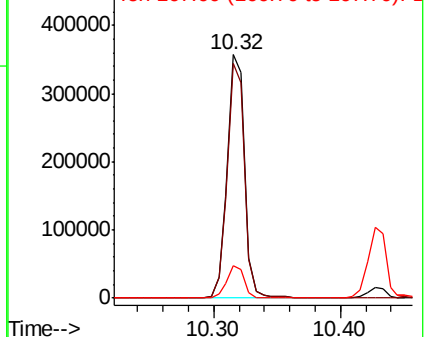
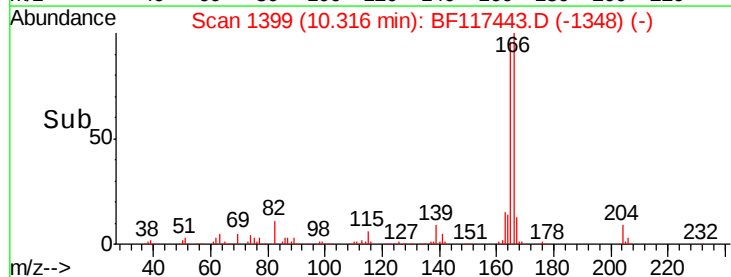


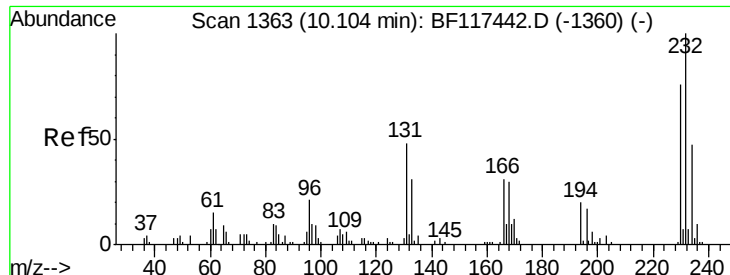
#58
Fluorene
Concen: 48.678 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:166 Resp: 338754
Ion Ratio Lower Upper
166 100
165 96.6 77.6 116.4
167 13.3 11.0 16.4



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

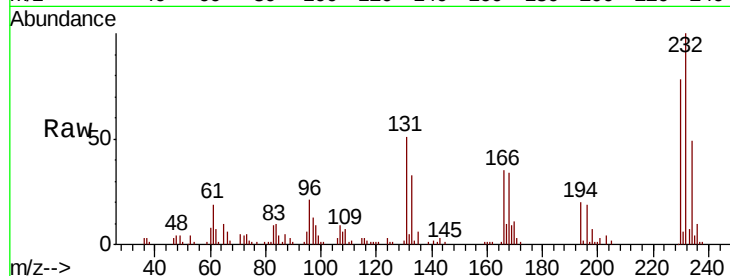




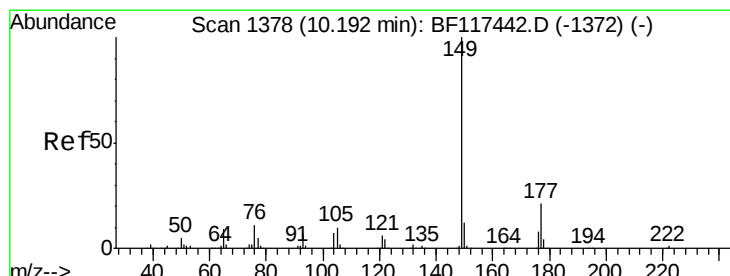
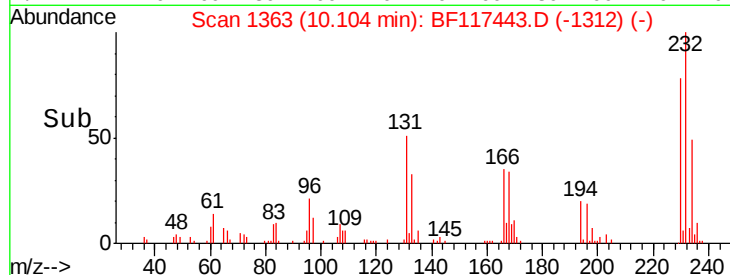
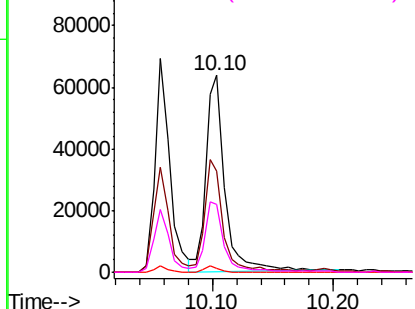
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.473 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 68466
Ion Ratio Lower Upper
232 100
131 58.2 42.6 63.8
130 2.4 2.2 3.4
166 35.1 27.5 41.3

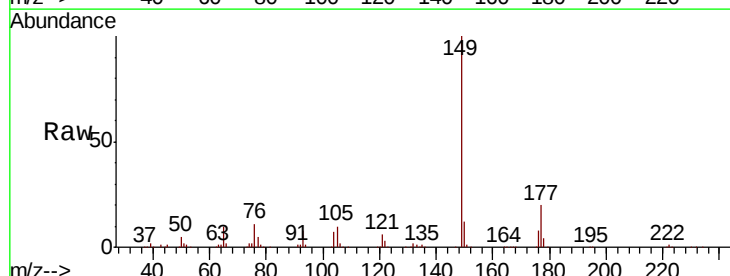


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

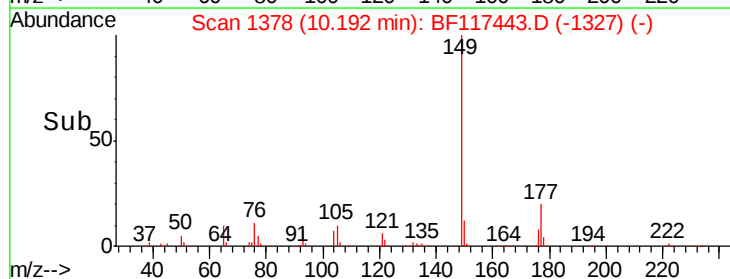
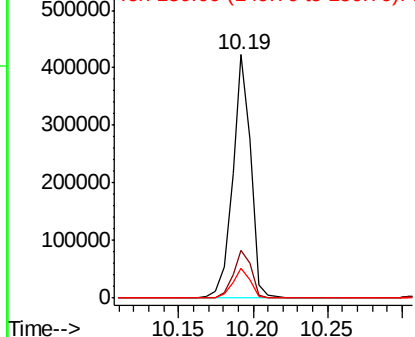


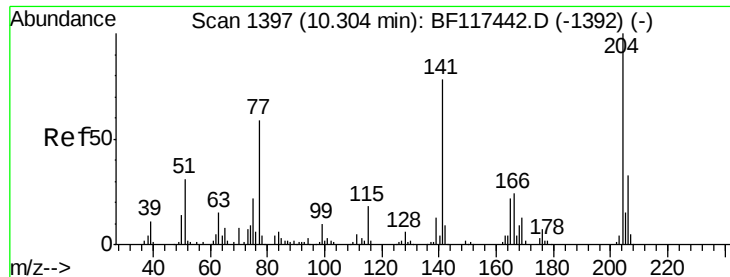
#60
Diethylphthalate
Concen: 49.142 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:149 Resp: 359300
Ion Ratio Lower Upper
149 100
177 19.6 17.0 25.4
150 12.1 9.8 14.6



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

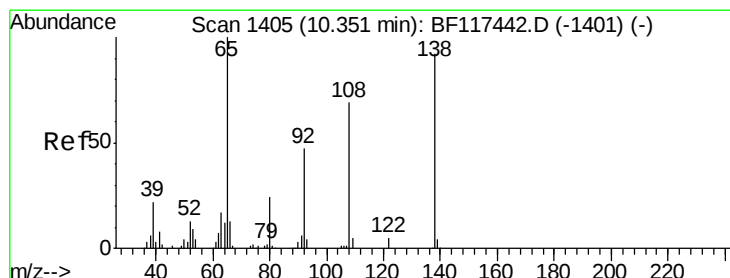
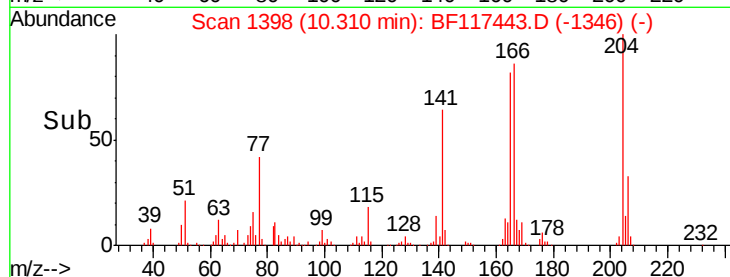
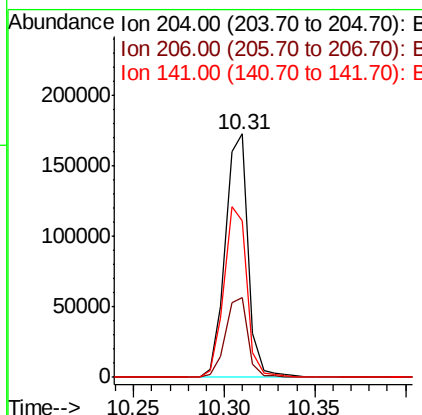
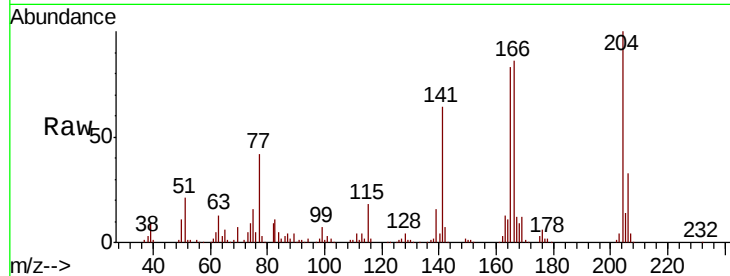




#61
 4-Chlorophenyl-phenylether
 Concen: 49.537 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

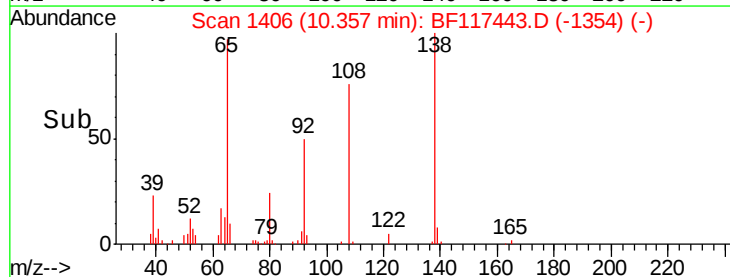
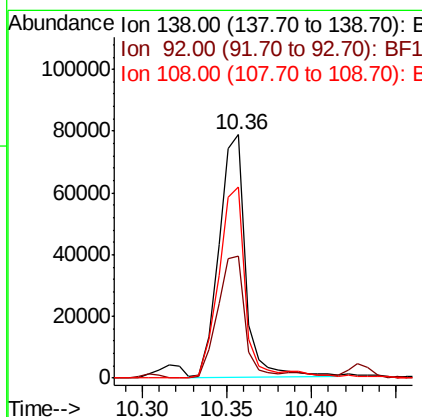
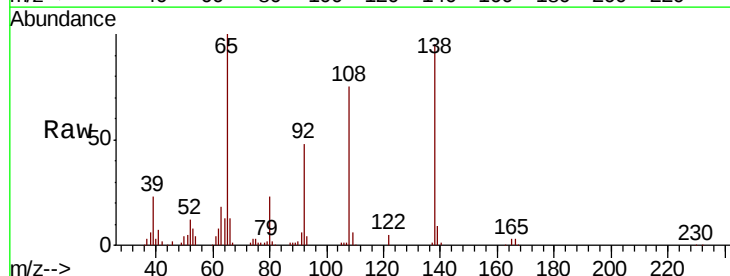
Instrument :
 BNA_F
 ClientSampleId :

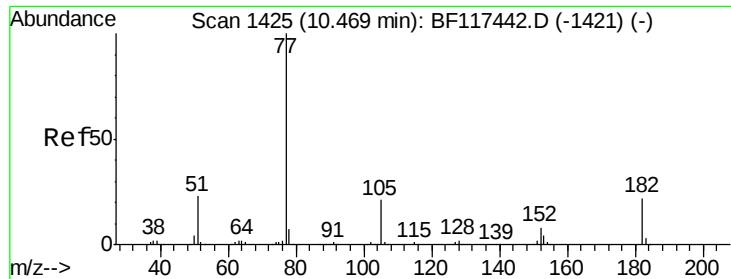
Tot Ion:	204	Resp:	152627
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	64.2	62.2	93.4



#62
 4-Nitroaniline
 Concen: 48.286 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:	138	Resp:	85454
Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.3	70.3
108	78.5	54.9	94.9





#63

Azobenzene

Concen: 49.952 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 374743

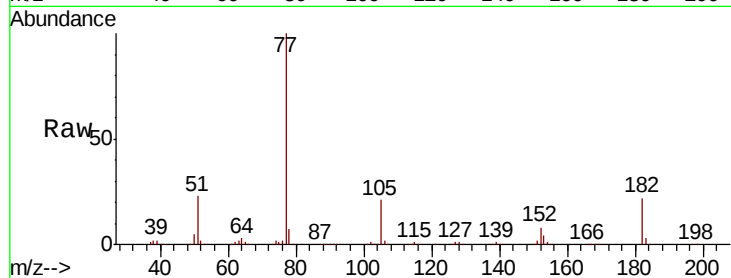
Ion Ratio Lower Upper

77 100

182 21.6 2.3 42.3

105 20.6 1.3 41.3

51 23.4 3.5 43.5

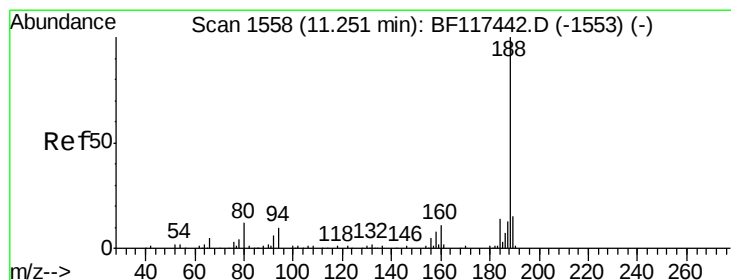
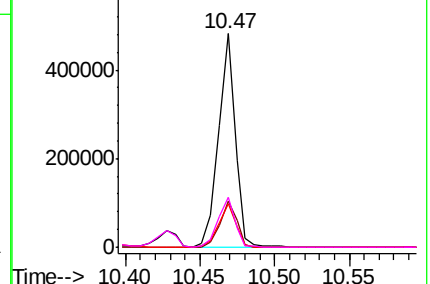
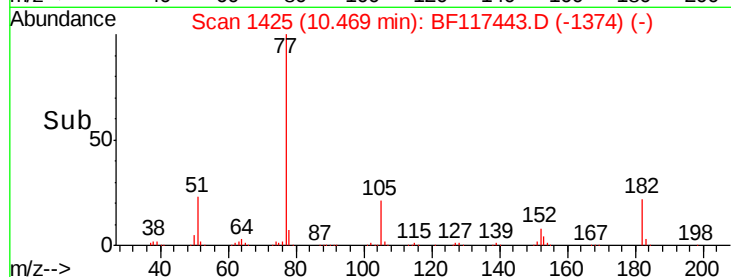


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

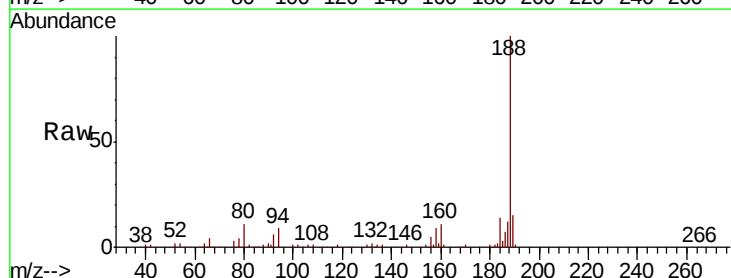
Tgt Ion: 188 Resp: 160878

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

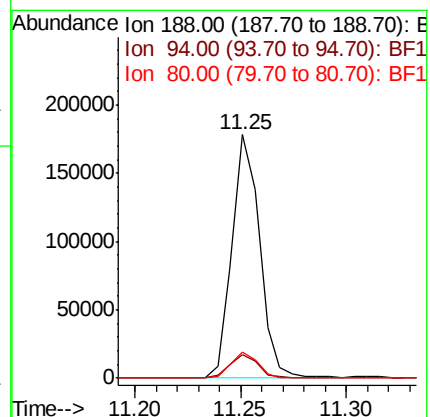
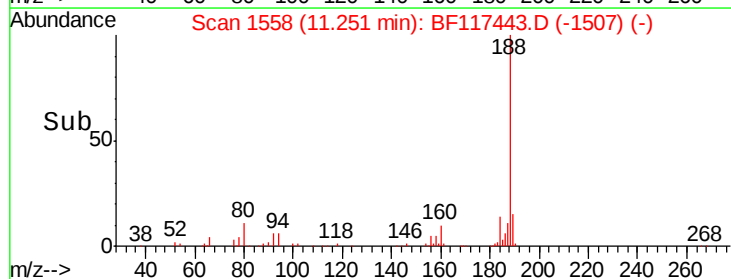
80 10.9 9.5 14.3

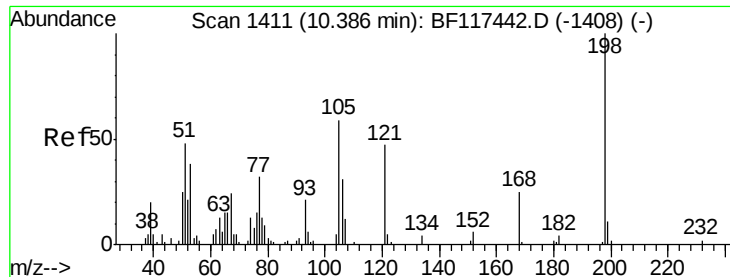


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.587 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

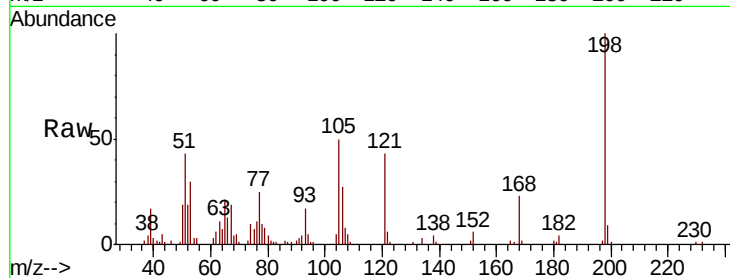
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 42498

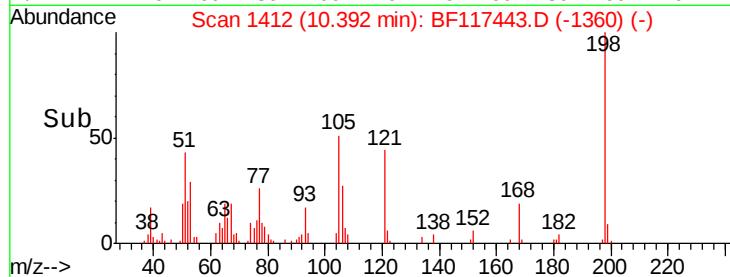
Ion	Ratio	Lower	Upper
198	100		
51	42.6	29.1	69.1
105	50.2	39.4	79.4



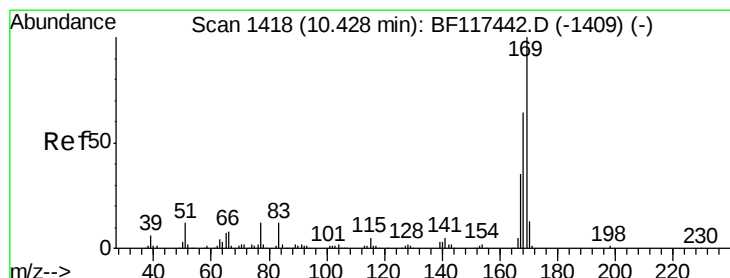
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 48.143 ng

RT: 10.43 min Scan# 1418

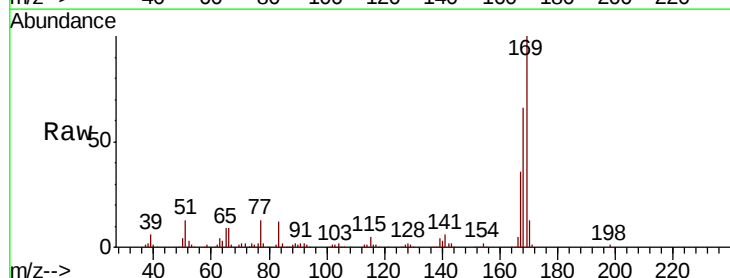
Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Tgt Ion:169 Resp: 289334

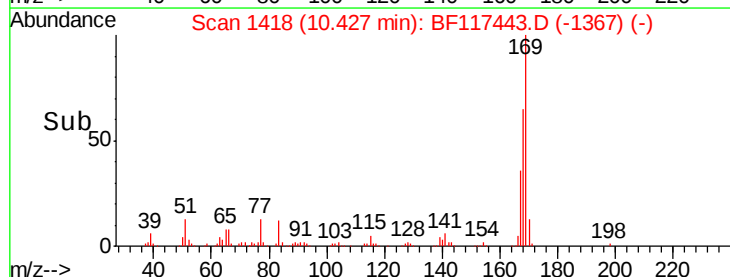
Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.3	76.9
167	35.7	28.2	42.4



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



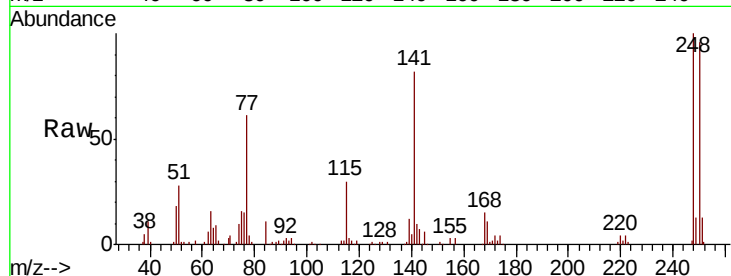
Time-->



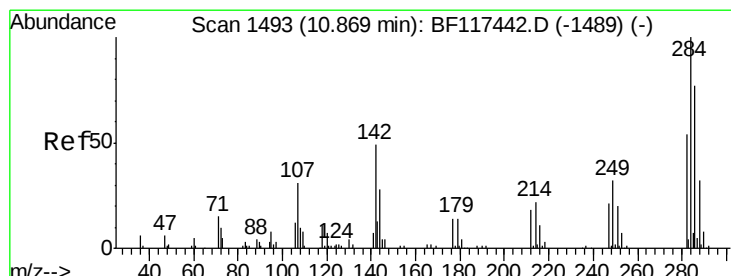
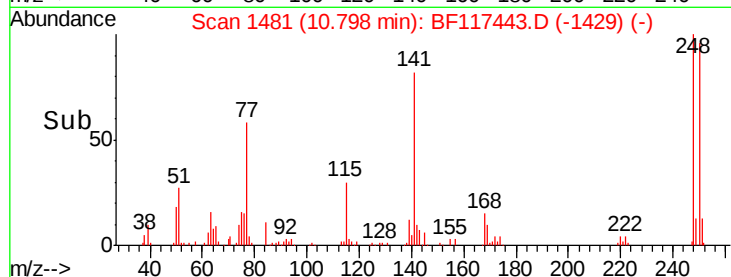
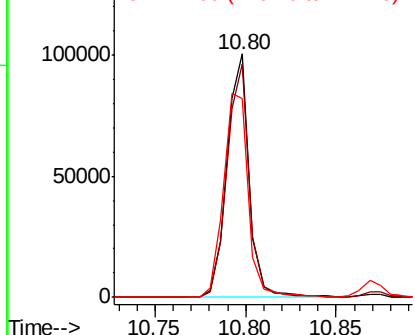
#67
 4-Bromophenyl-phenylether
 Concen: 48.832 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 86168
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.0 117.0
 141 81.6 81.7 122.5#

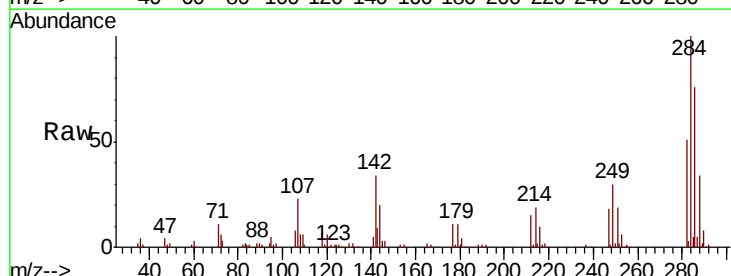


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

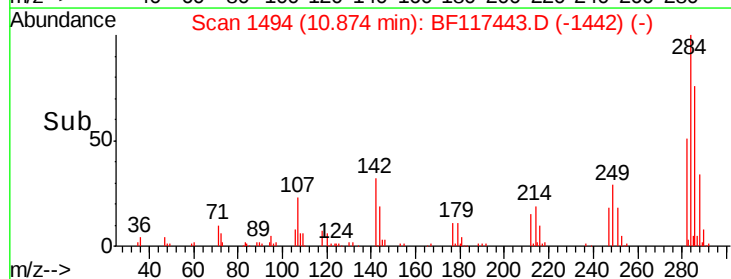
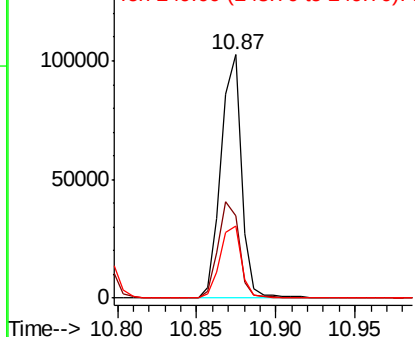


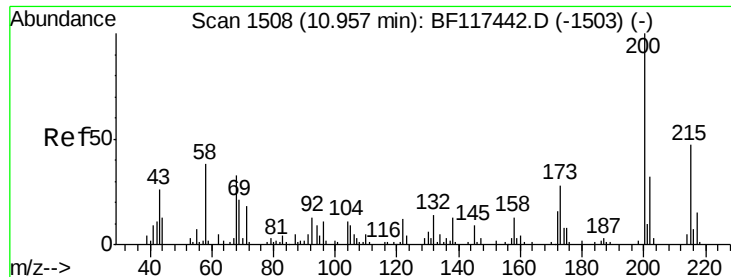
#68
 Hexachlorobenzene
 Concen: 48.958 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:284 Resp: 92777
 Ion Ratio Lower Upper
 284 100
 142 34.0 39.0 58.6#
 249 29.9 25.7 38.5



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

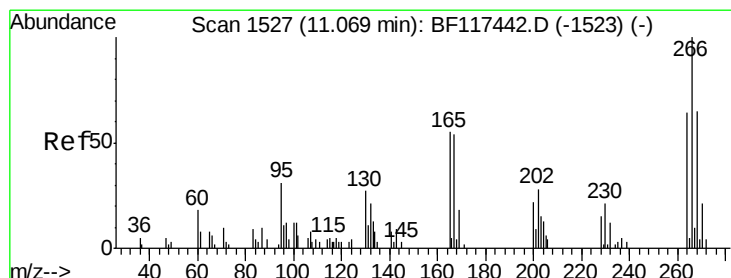
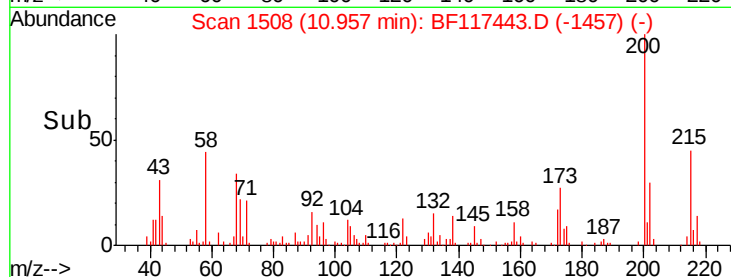
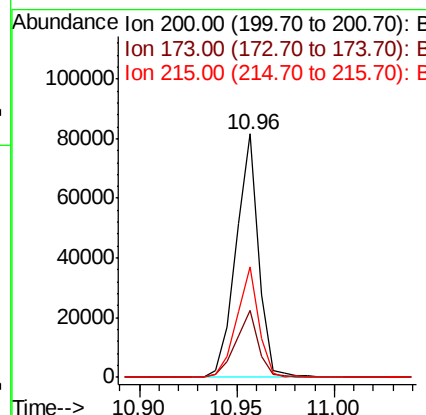
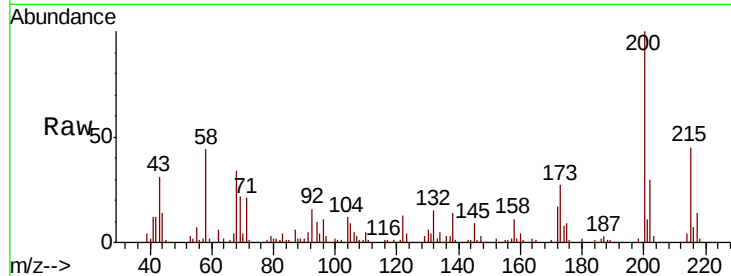




#69
 Atrazine
 Concen: 67.074 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

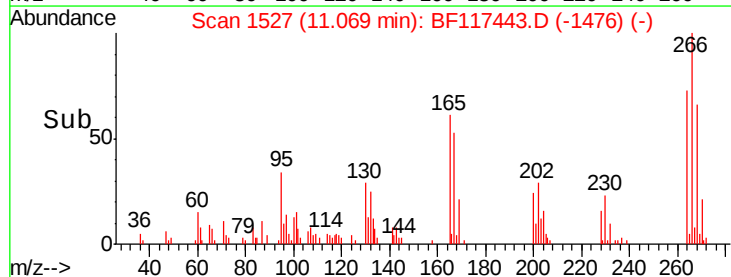
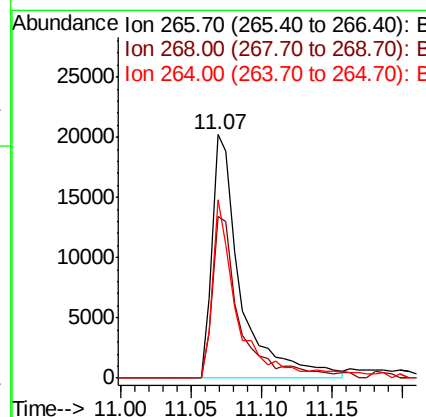
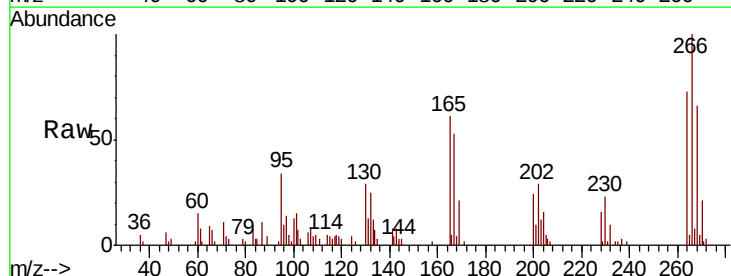
Instrument :
 BNA_F
 ClientSampleId :

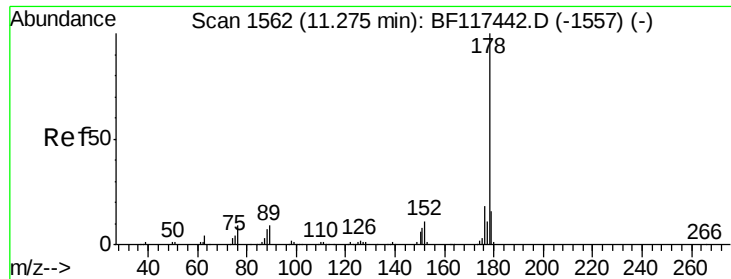
Tot Ion:200 Resp: 65366
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.2 48.2
 215 45.2 26.8 66.8



#70
 Pentachlorophenol
 Concen: 50.257 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:266 Resp: 28492
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.6 77.4
 264 73.4 51.4 77.2

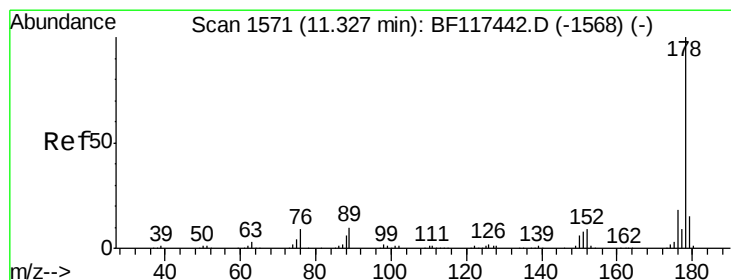
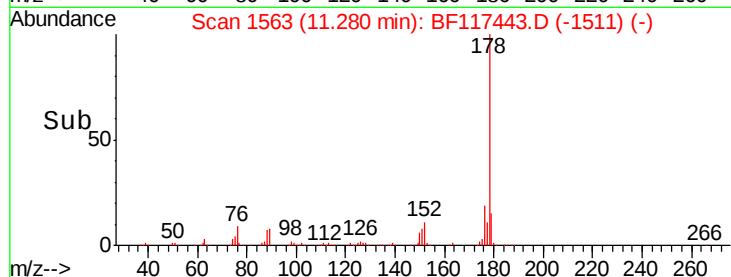
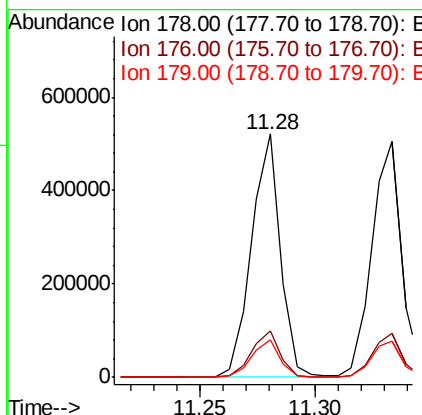
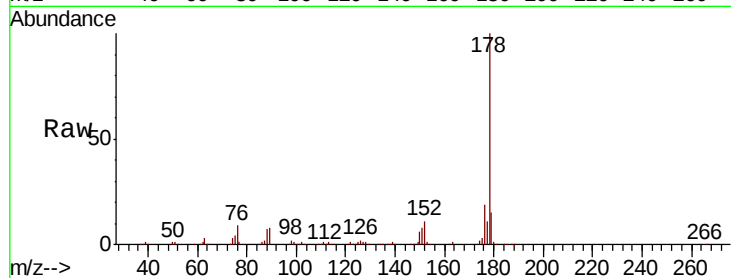




#71
Phenanthrene
Concen: 48.371 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

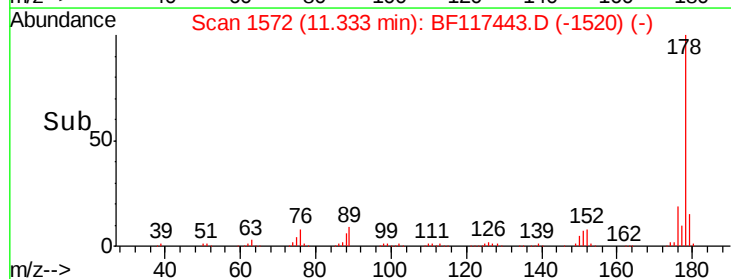
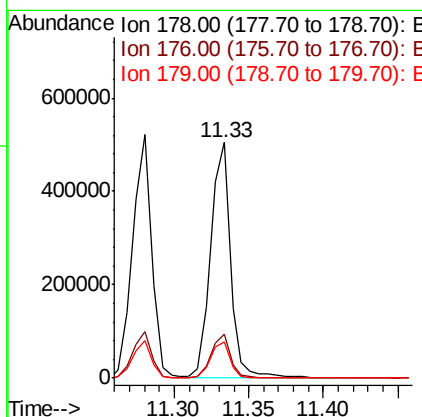
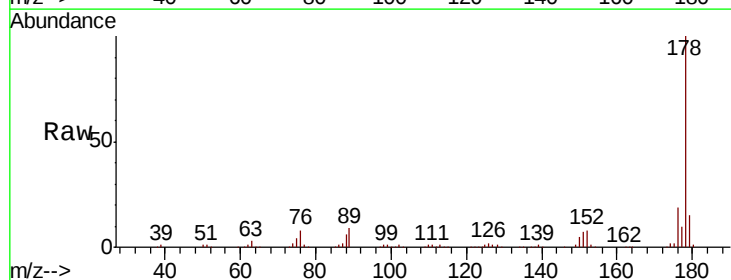
Instrument :
BNA_F
ClientSampleId :

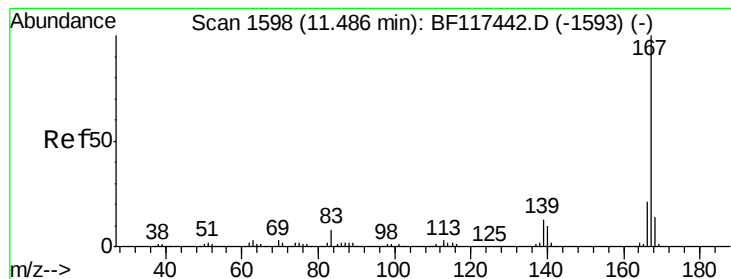
Tot Ion:178 Resp: 460015
Ion Ratio Lower Upper
178 100
176 19.2 14.6 22.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 47.646 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:178 Resp: 467764
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.2 18.2





#73

Carbazole

Concen: 48.495 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

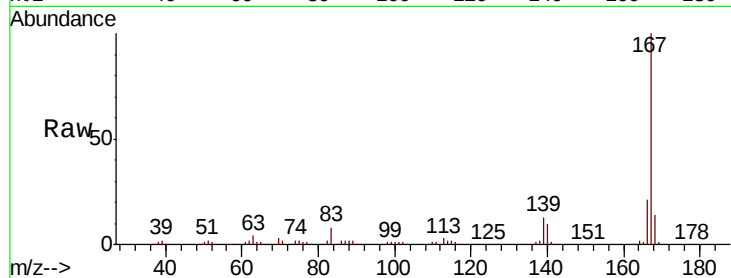
Tot Ion:167 Resp: 432471

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

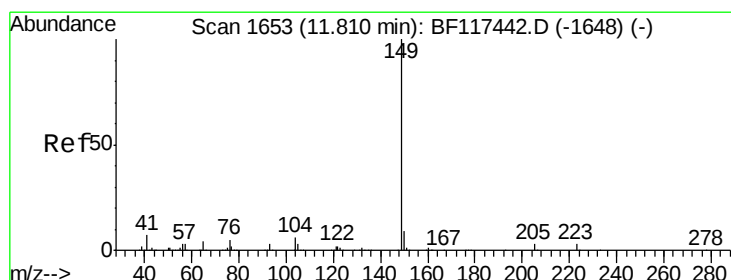
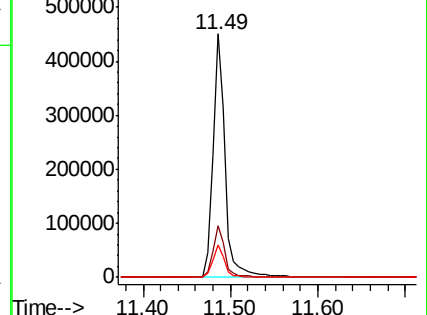
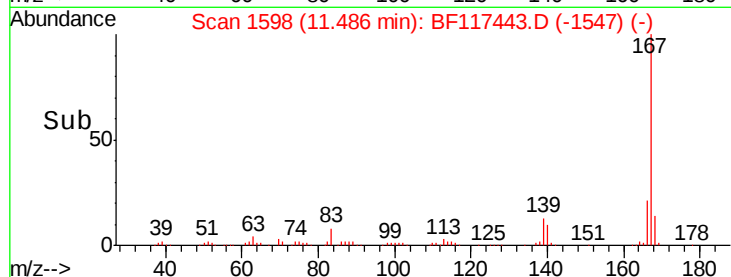
139 13.4 10.6 16.0



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: 48.061 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

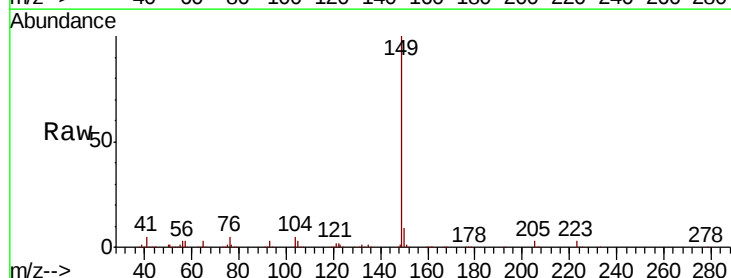
Tgt Ion:149 Resp: 580368

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

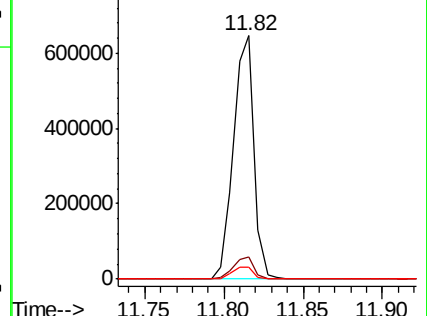
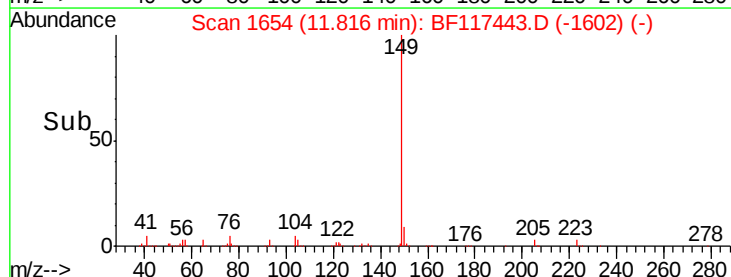
104 5.1 4.6 6.8

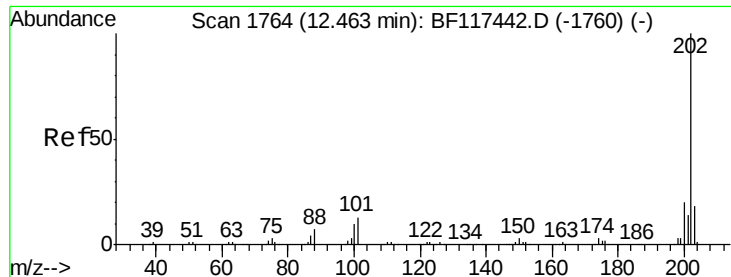


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

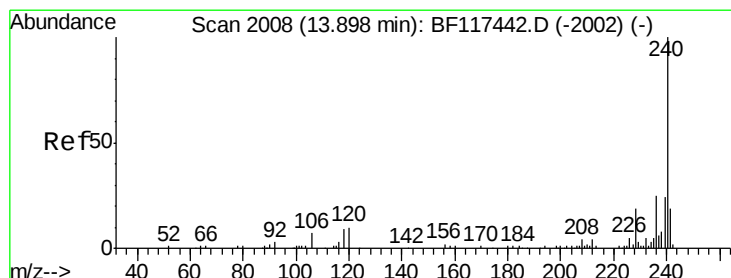
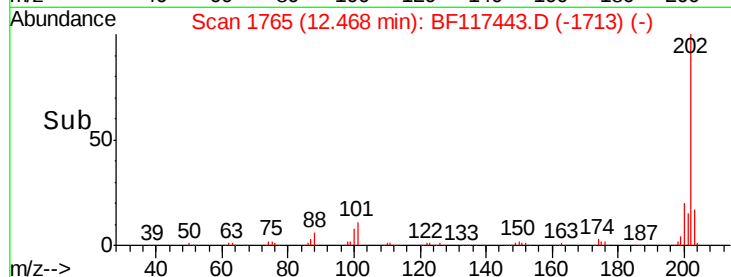
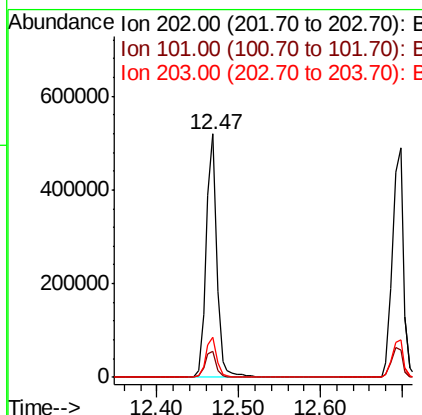
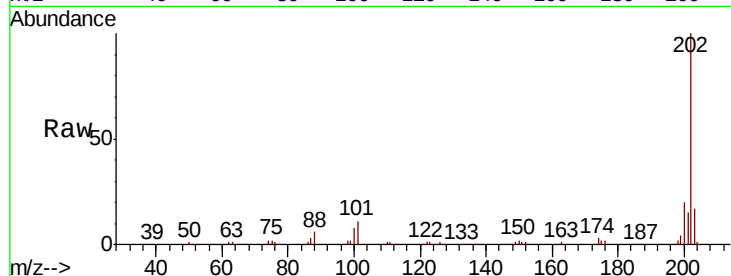




#75
 Fluoranthene
 Concen: 49.728 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

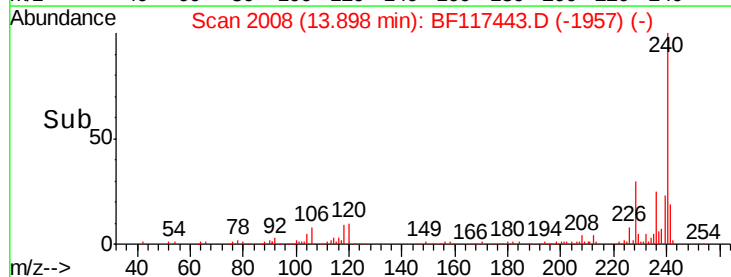
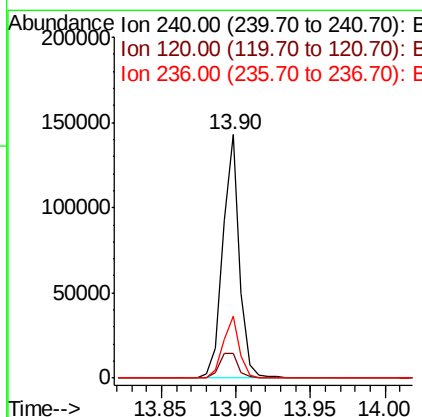
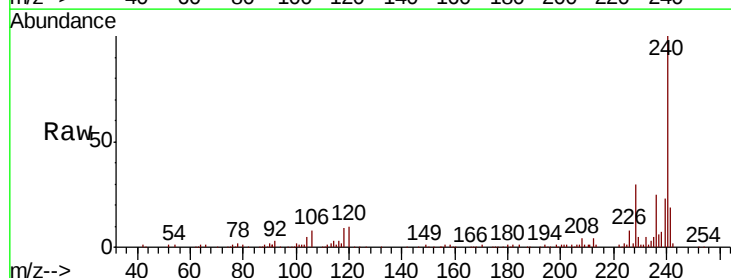
Instrument :
 BNA_F
 ClientSampleId :

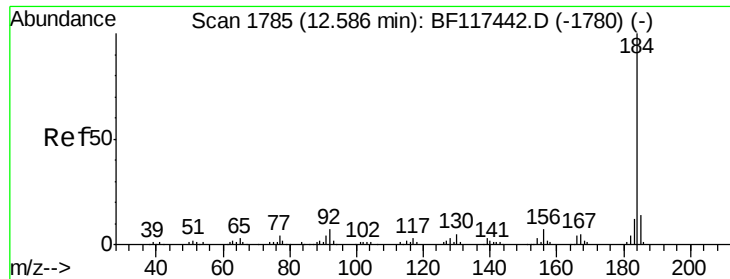
Tot Ion:202 Resp: 470252
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 32.7
 203 16.5 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:240 Resp: 112417
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 25.5 20.0 30.0





#77

Benzidine

Concen: 51.486 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

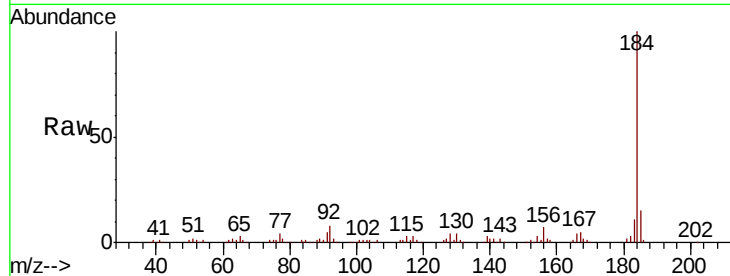
Tot Ion:184 Resp: 143149

Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.0

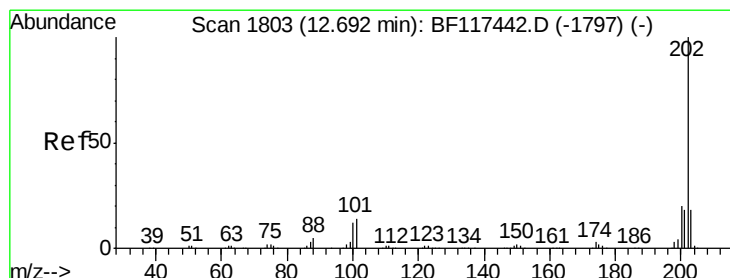
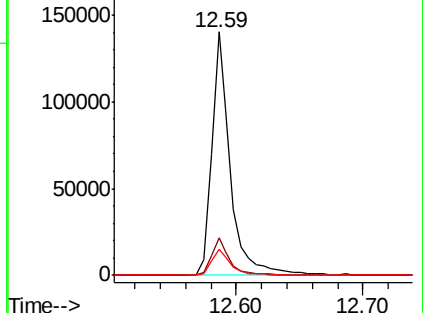
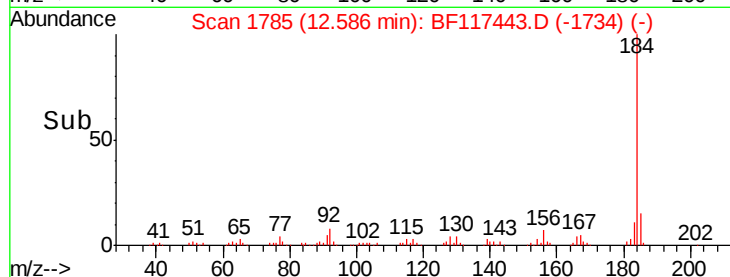
183 10.6 9.6 14.4



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: 47.330 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

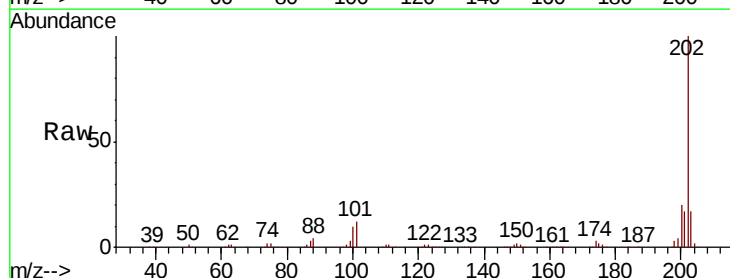
Tgt Ion:202 Resp: 470320

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

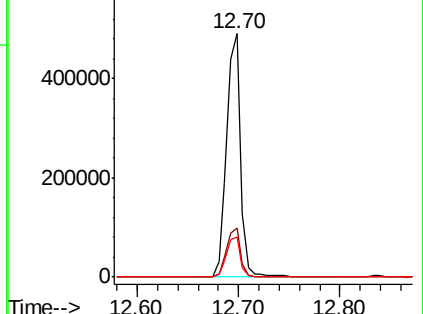
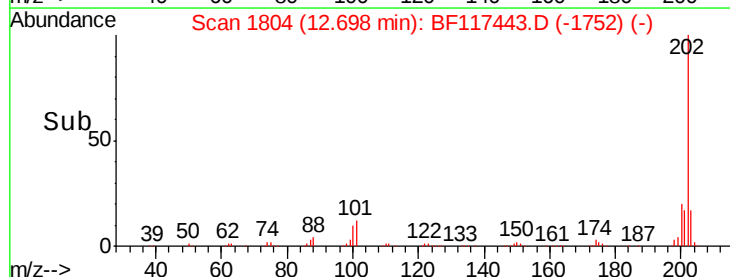
203 16.6 14.0 21.0

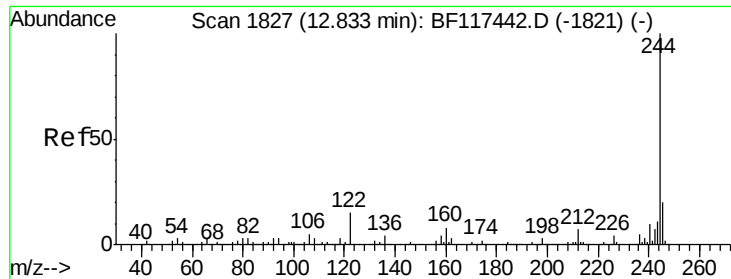


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

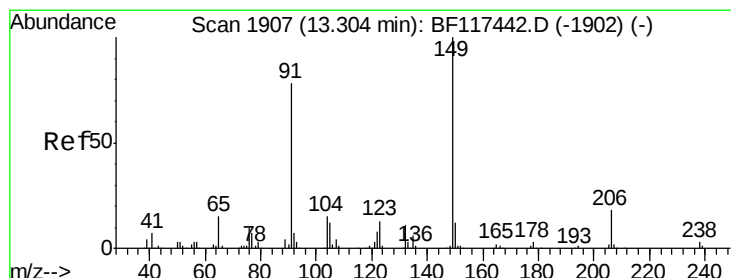
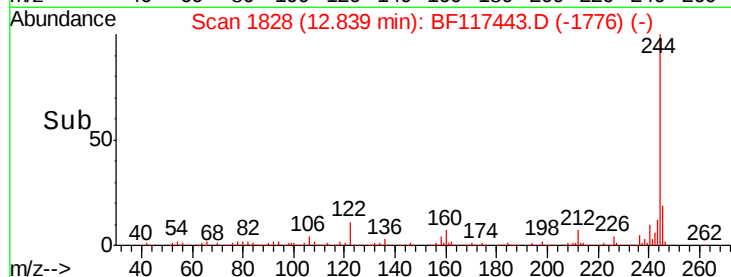
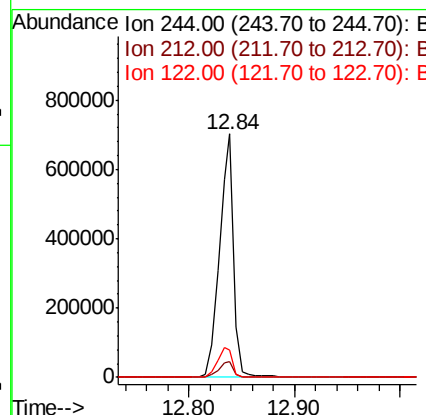
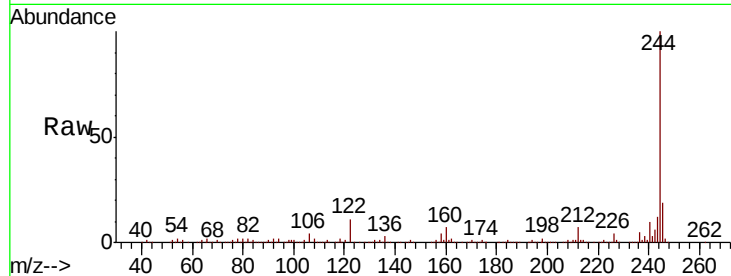




#79
 Terphenyl-d14
 Concen: 96.435 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

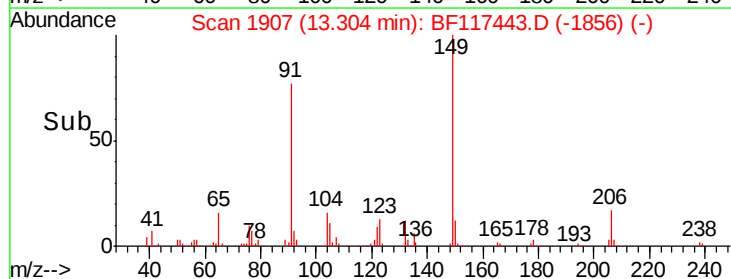
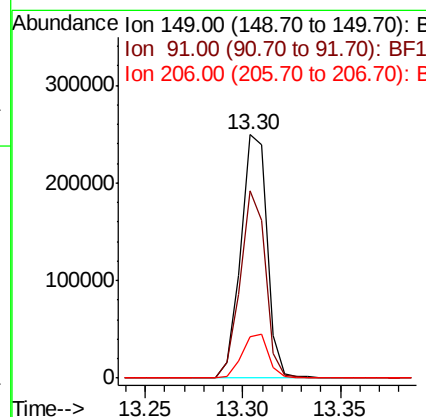
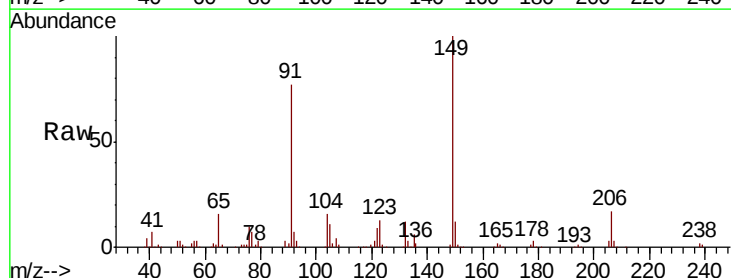
Instrument :
 BNA_F
 ClientSampled :

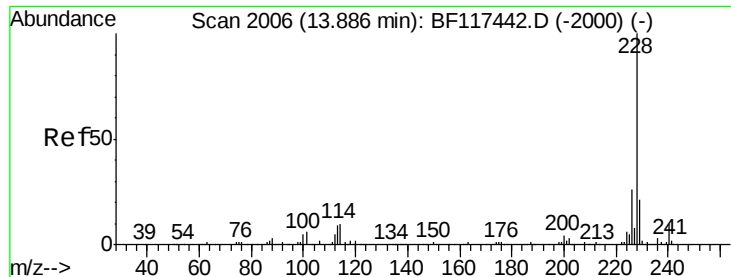
Tot Ion:244 Resp: 665020
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.4 11.8 17.8#



#80
 Butylbenzylphthalate
 Concen: 46.954 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117443.D
 Acq: 18 Oct 2019 16:33

Tgt Ion:149 Resp: 234618
 Ion Ratio Lower Upper
 149 100
 91 76.9 62.1 93.1
 206 17.0 14.3 21.5

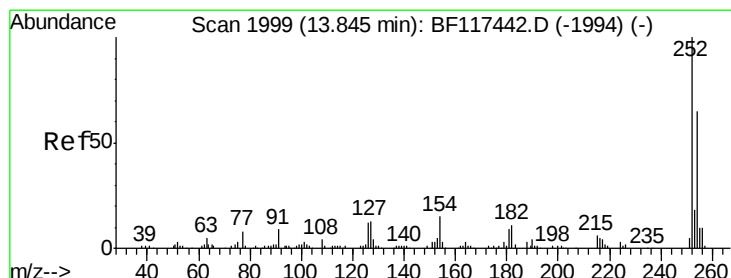
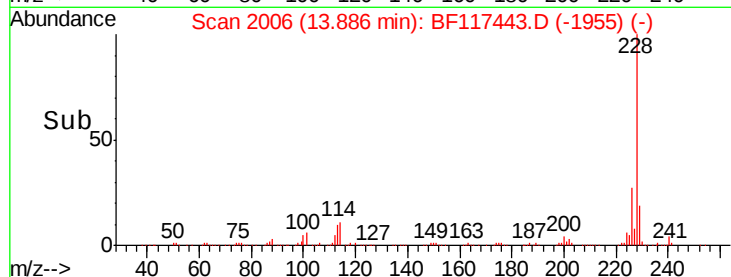
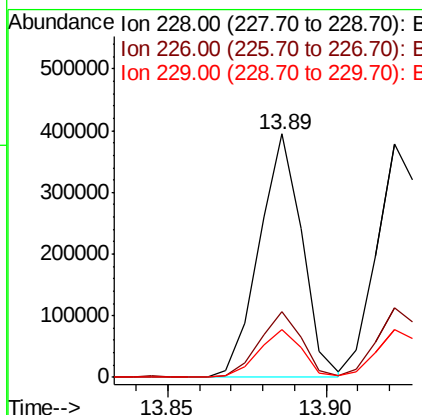
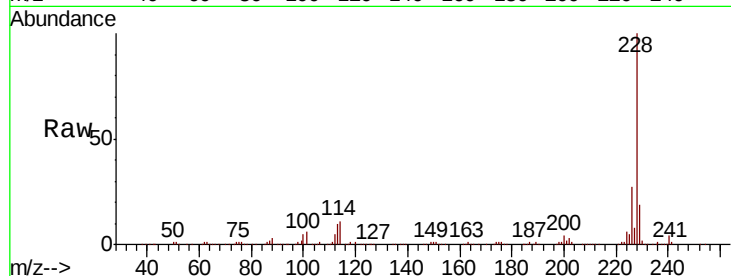




#81
Benzo(a)anthracene
Concen: 47.957 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

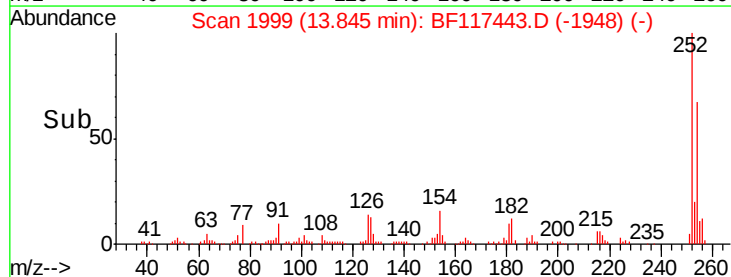
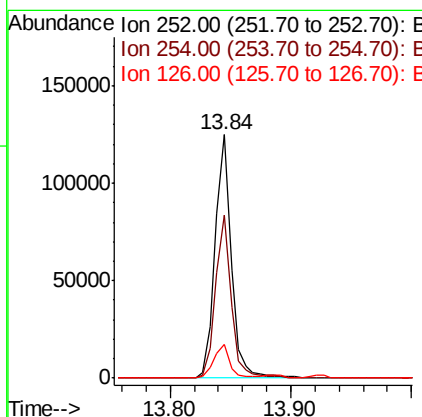
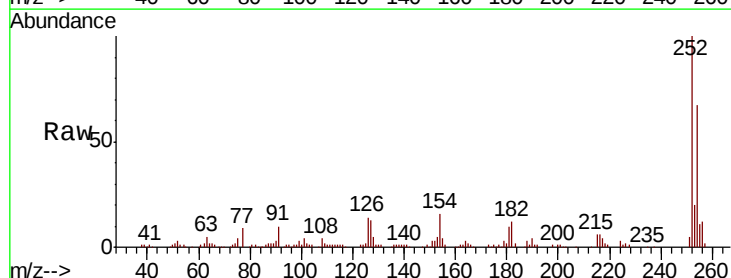
Instrument :
BNA_F
ClientSampleId :

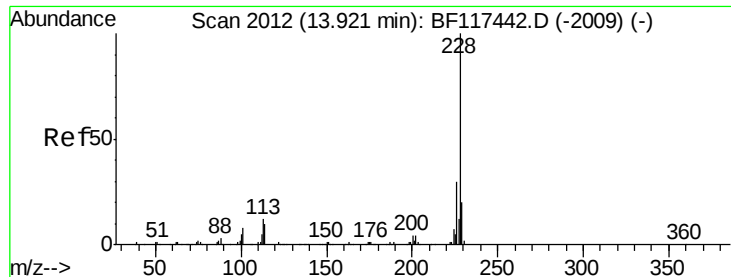
Tot Ion:228 Resp: 369911
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 19.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 47.196 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:252 Resp: 115100
Ion Ratio Lower Upper
252 100
254 66.8 52.2 78.4
126 14.1 9.2 13.8#





#83

Chrysene

Concen: 47.853 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampled :

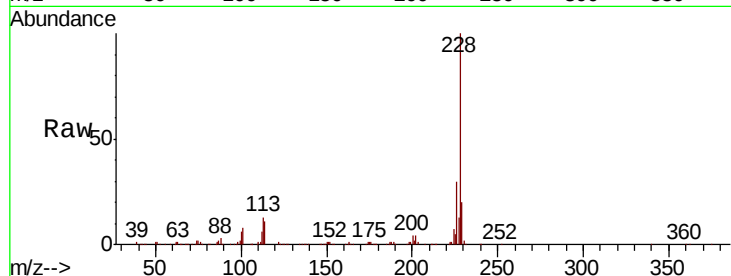
Tot Ion:228 Resp: 364002

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

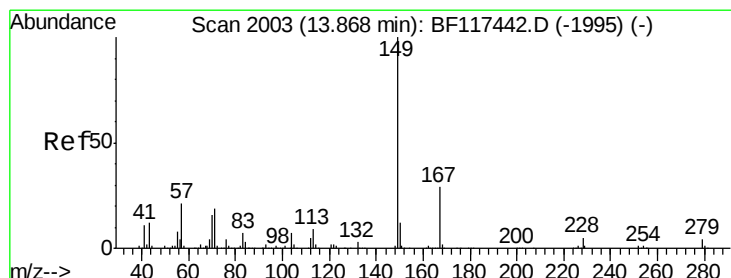
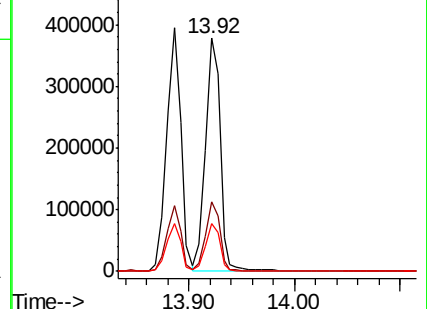
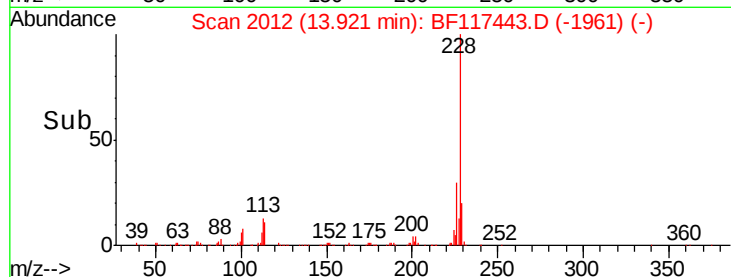
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.866 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

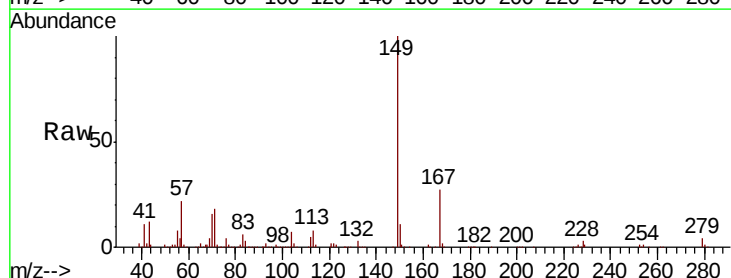
Tgt Ion:149 Resp: 330186

Ion Ratio Lower Upper

149 100

167 27.2 23.3 34.9

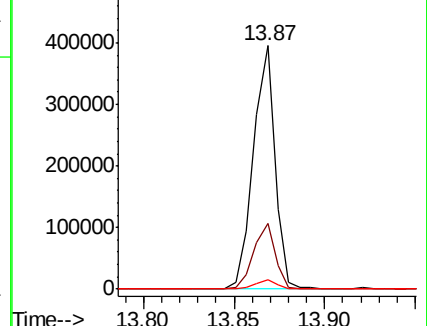
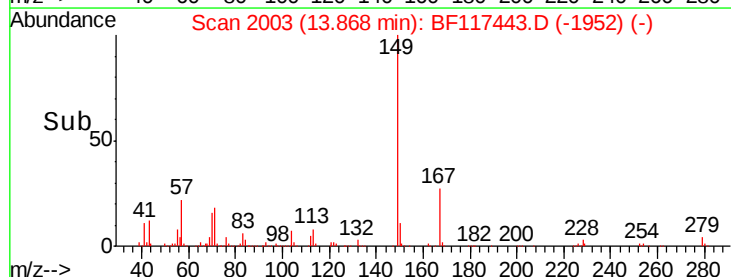
279 3.6 3.2 4.8

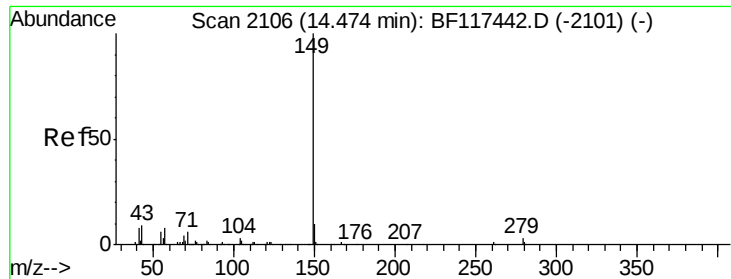


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.412 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

Instrument :

BNA_F

ClientSampleId :

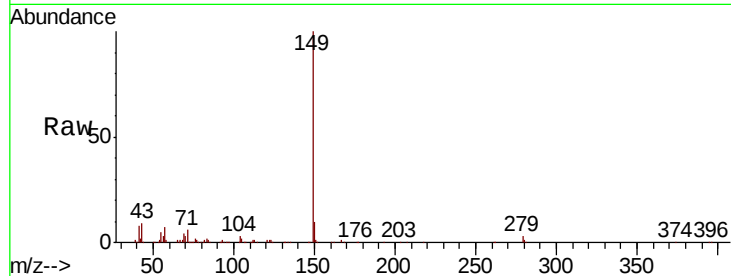
Tot Ion:149 Resp: 508542

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

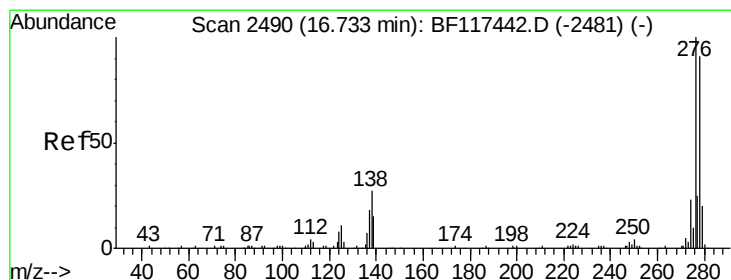
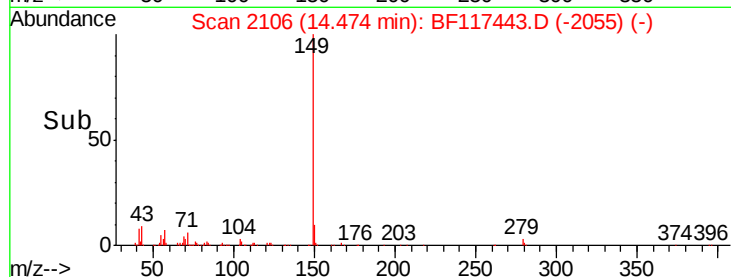
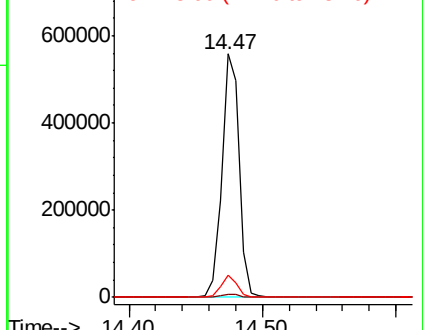
43 8.3 6.8 10.2



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: 50.560 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BF117443.D

Acq: 18 Oct 2019 16:33

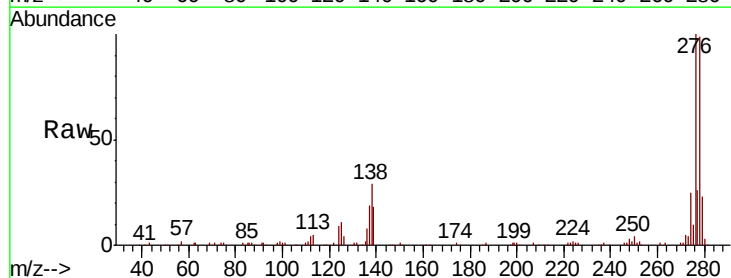
Tgt Ion:276 Resp: 268915

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.8

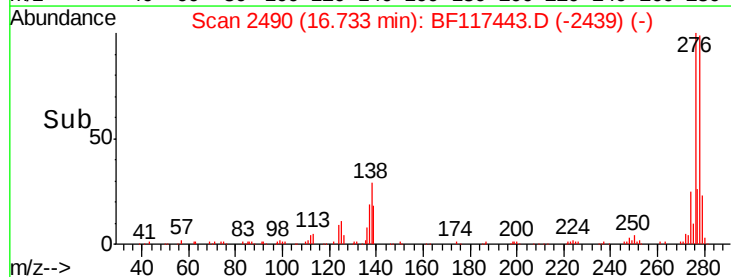
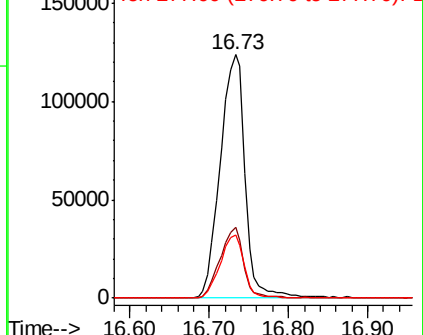
277 24.9 20.0 30.0

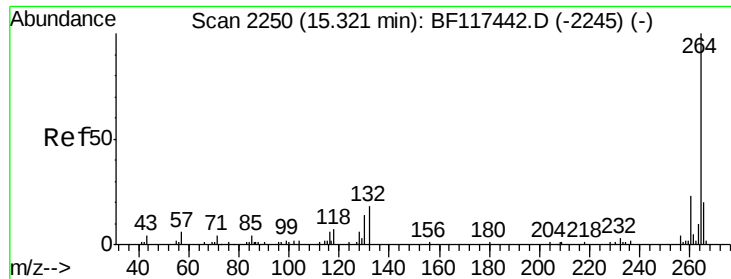


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



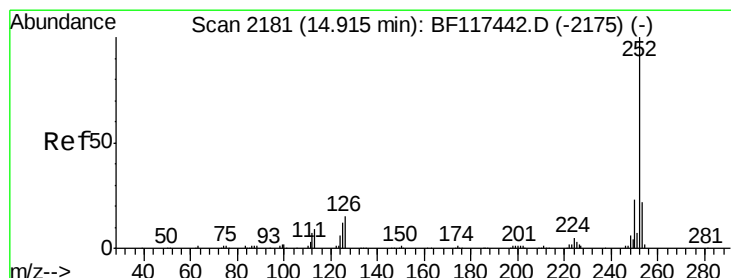
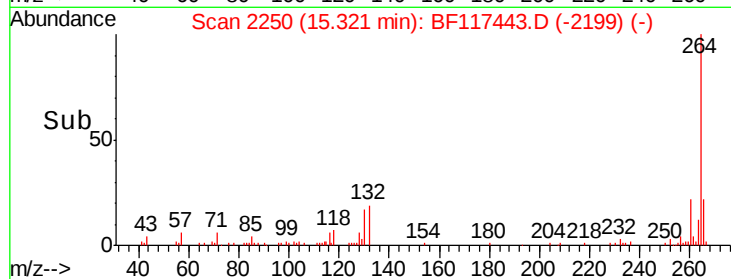
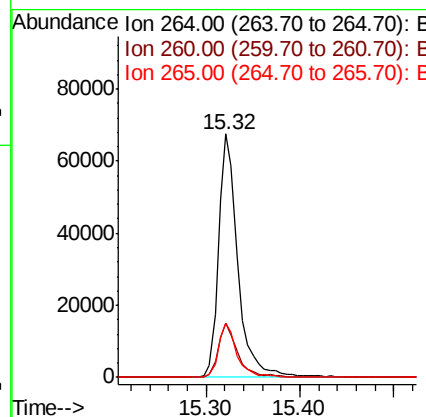
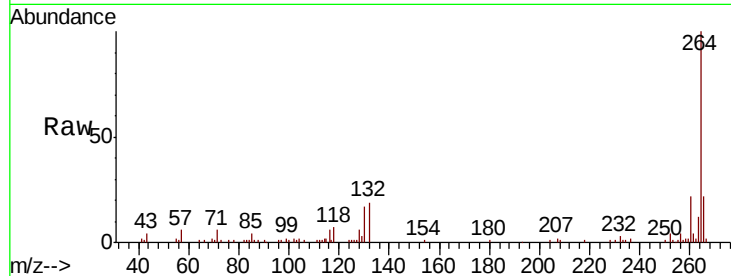


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 97643

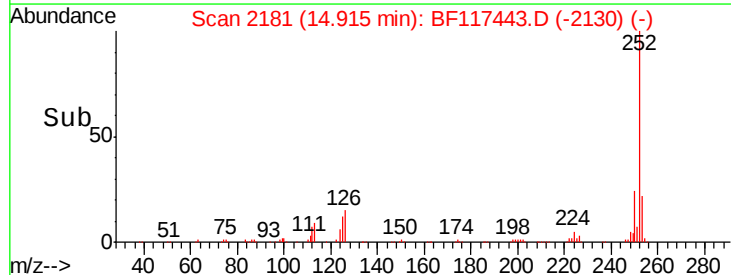
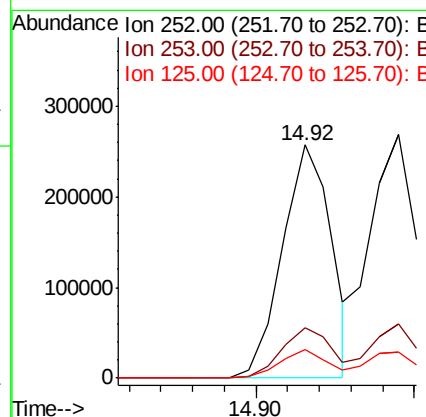
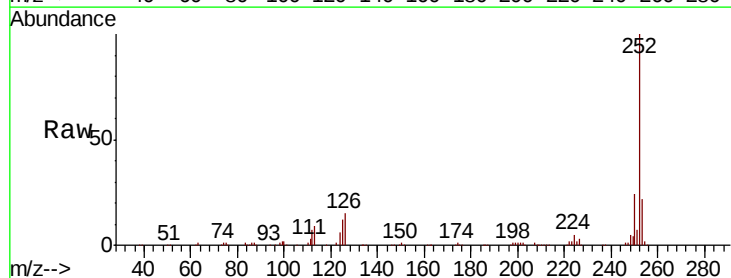
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	22.2	16.1	24.1

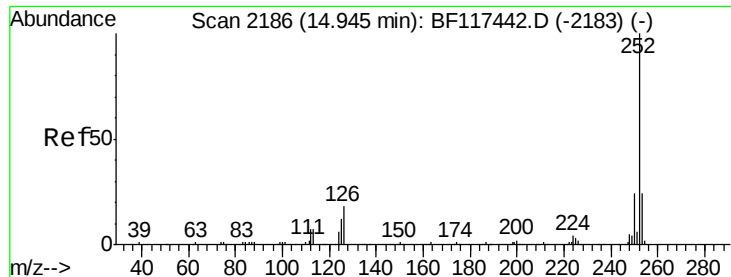


#88
Benzo(b)fluoranthene
Concen: 45.660 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:252 Resp: 277557

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	12.2	9.9	14.9

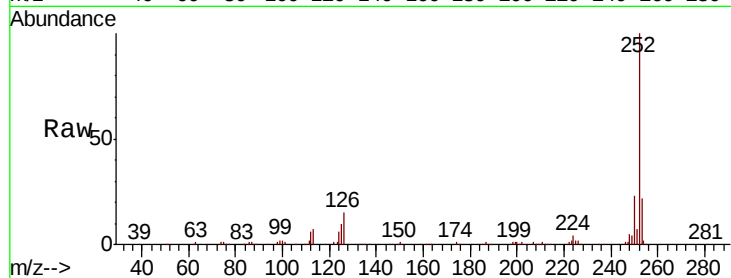




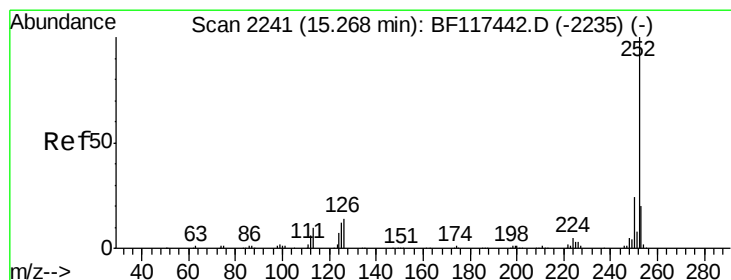
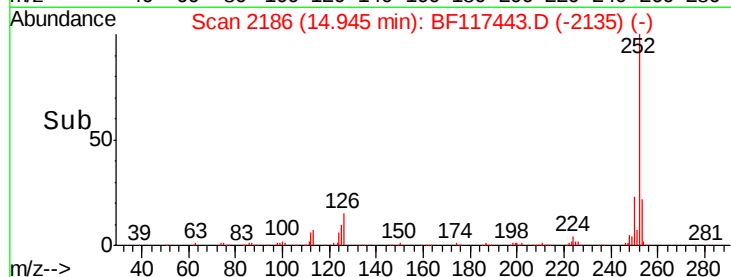
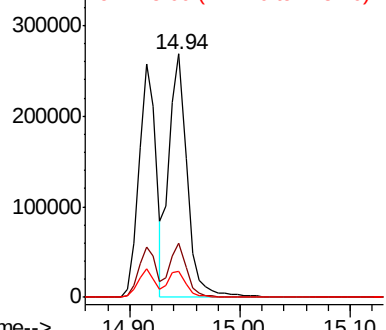
#89
Benzo(k)fluoranthene
Concen: 49.290 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 297762
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.5 8.9 13.3

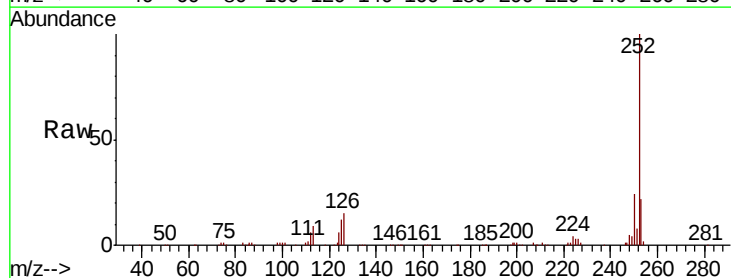


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

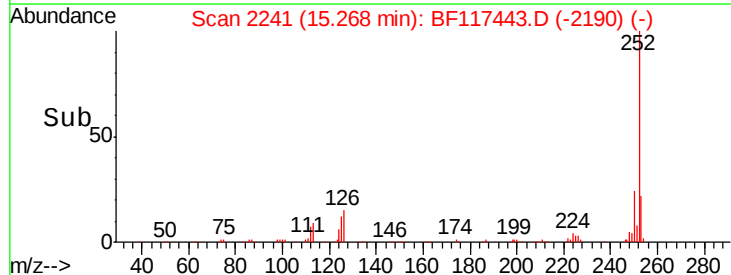
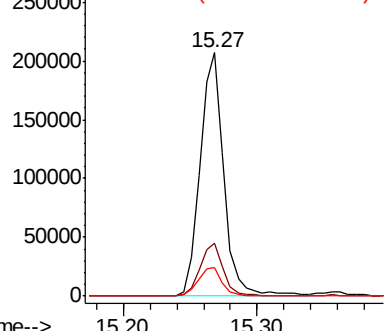


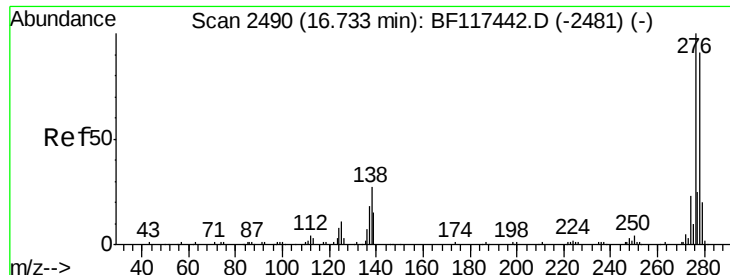
#90
Benzo(a)pyrene
Concen: 47.993 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion:252 Resp: 258336
Ion Ratio Lower Upper
252 100
253 21.6 16.3 24.5
125 11.7 9.2 13.8



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

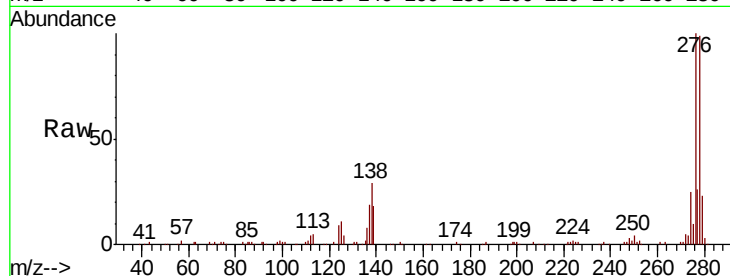




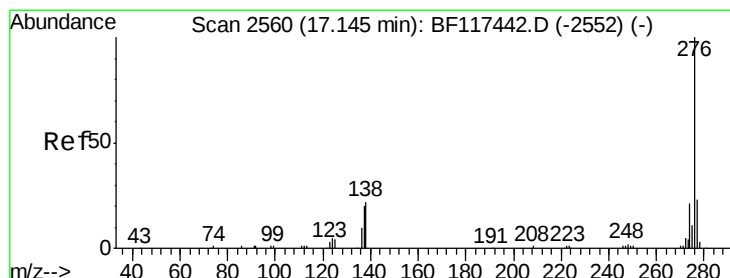
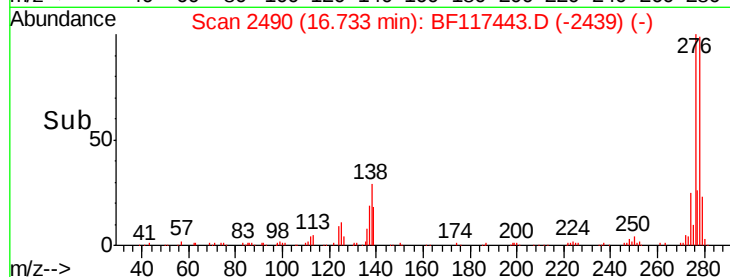
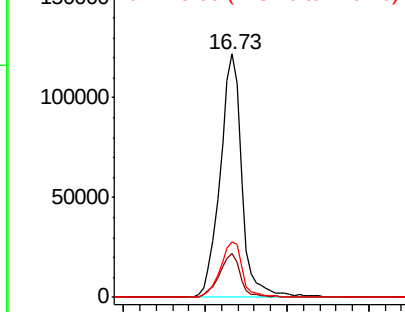
#91
Dibenzo(a,h)anthracene
Concen: 48.792 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.4	20.0
279	22.9	17.8	26.6

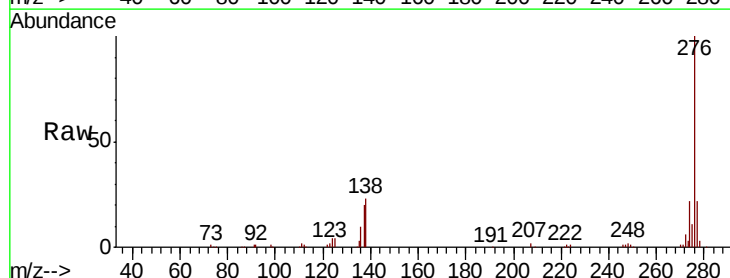


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.594 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117443.D
Acq: 18 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	22.6	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

