

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117504.D
 Acq On : 24 Oct 2019 00:44
 Operator : JU
 Sample : K5497-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:26:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40784	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	166697	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	83912	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	132296	20.00	ng	0.00
76) Chrysene-d12	13.89	240	79519	20.00	ng	0.00
87) Perylene-d12	15.32	264	87831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	265681	96.91	ng	0.00
7) Phenol-d6	6.39	99	366287	99.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	228334	67.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	72622	100.02	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	343383	57.66	ng	0.00
79) Terphenyl-d14	12.83	244	267965	54.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	43955	38.136	ng	95
3) Pyridine	3.15	79	102758	36.419	ng	97
4) n-Nitrosodimethylamine	3.10	42	44860	43.825	ng	91
6) Aniline	6.40	93	135965	31.454	ng	# 24
8) 2-Chlorophenol	6.52	128	130132	44.985	ng	99
9) Benzaldehyde	6.28	77	77857	44.845	ng	99
10) Phenol	6.40	94	174599	46.461	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	121380	43.667	ng	99
12) 1,3-Dichlorobenzene	6.67	146	134113	41.545	ng	97
13) 1,4-Dichlorobenzene	6.75	146	140693	42.962	ng	98
14) 1,2-Dichlorobenzene	6.90	146	128953	41.775	ng	98
15) Benzyl Alcohol	6.89	79	116713	44.367	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	124015	41.358	ng	72
17) 2-Methylphenol	7.00	107	106345	44.689	ng	96
18) Hexachloroethane	7.24	117	49335	38.597	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	99114	44.077	ng	97
20) 3+4-Methylphenols	7.16	107	144348	46.265	ng	# 74
22) Acetophenone	7.15	105	191034	43.158	ng	# 94
24) Nitrobenzene	7.32	77	151115	46.725	ng	97
25) Isophorone	7.56	82	265131	45.389	ng	97
26) 2-Nitrophenol	7.63	139	65634	45.502	ng	93
27) 2,4-Dimethylphenol	7.68	122	112809	52.331	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	157997	43.835	ng	99
29) 2,4-Dichlorophenol	7.89	162	104375	46.162	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	105996	43.685	ng	98
31) Naphthalene	8.03	128	376249	45.536	ng	99
32) Benzoic acid	7.83	122	56097	37.993	ng	94
33) 4-Chloroaniline	8.09	127	57852	16.590	ng	97
34) Hexachlorobutadiene	8.15	225	58232	41.464	ng	97
35) Caprolactam	8.47	113	23273	32.041	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	120192	46.610	ng	99
37) 2-Methylnaphthalene	8.73	142	259679	46.641	ng	98
38) 1-Methylnaphthalene	8.83	142	240215	45.915	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	97429	43.109	ng	99

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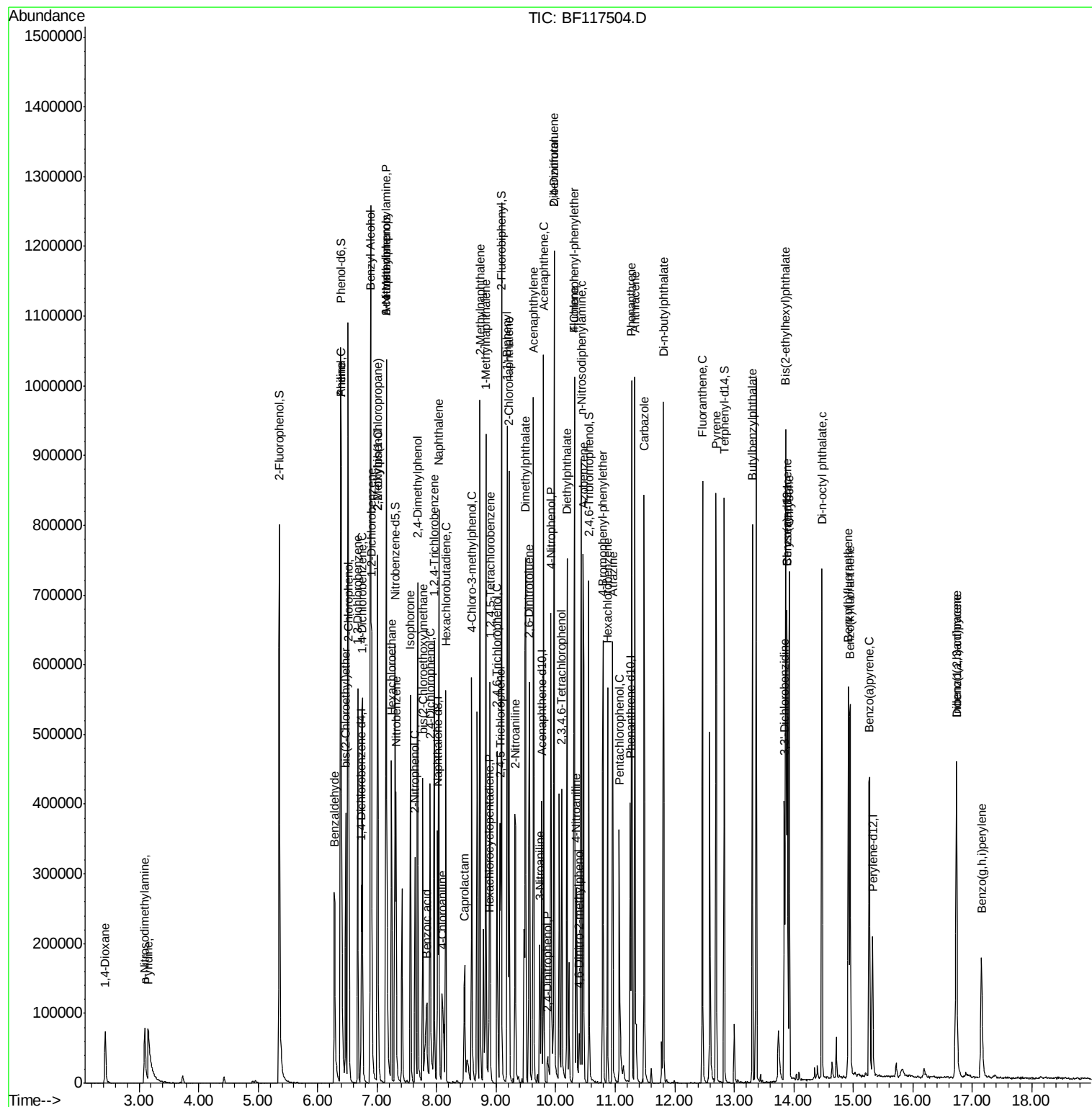
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	10901	29.953	ng	96
43) 2,4,6-Trichlorophenol	9.02	196	66160	46.745	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	70096	48.875	ng	96
46) 1,1'-Biphenyl	9.19	154	299092	43.055	ng	99
47) 2-Chloronaphthalene	9.22	162	230767	44.058	ng	98
48) 2-Nitroaniline	9.32	65	76182	44.306	ng	87
49) Acenaphthylene	9.63	152	359477	46.725	ng	99
50) Dimethylphthalate	9.49	163	307471	51.399	ng	99
51) 2,6-Dinitrotoluene	9.56	165	57858	46.349	ng	96
52) Acenaphthene	9.80	154	213754	45.286	ng	98
53) 3-Nitroaniline	9.73	138	39087	25.807	ng	97
54) 2,4-Dinitrophenol	9.86	184	9600	22.047	ng	95
55) Dibenzofuran	9.97	168	318958	46.641	ng	99
56) 4-Nitrophenol	9.92	139	67445	95.874	ng	92
57) 2,4-Dinitrotoluene	9.97	165	78704	47.422	ng	94
58) Fluorene	10.32	166	263552	46.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53134	47.138	ng	97
60) Diethylphthalate	10.19	149	272914	45.105	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	115029	45.337	ng	93
62) 4-Nitroaniline	10.35	138	49173	34.444	ng	98
63) Azobenzene	10.46	77	286568	46.266	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	10224	15.200	ng	92
66) n-Nitrosodiphenylamine	10.43	169	226652	46.863	ng	97
67) 4-Bromophenyl-phenylether	10.79	248	63832	44.795	ng	94
68) Hexachlorobenzene	10.87	284	65892	43.177	ng	95
69) Atrazine	10.96	200	71115	57.793	ng	96
70) Pentachlorophenol	11.07	266	48677	106.400	ng	99
71) Phenanthrene	11.27	178	362199	47.149	ng	99
72) Anthracene	11.33	178	376431	47.758	ng	100
73) Carbazole	11.49	167	334859	46.487	ng	99
74) Di-n-butylphthalate	11.81	149	447374	46.481	ng	98
75) Fluoranthene	12.46	202	334578	43.507	ng	99
77) Benzidine	12.59	184	236693	Below Cal		99
78) Pyrene	12.69	202	325868	47.710	ng	98
80) Butylbenzylphthalate	13.30	149	166408	48.960	ng	97
81) Benzo(a)anthracene	13.88	228	249241	46.467	ng	97
82) 3,3'-Dichlorobenzidine	13.84	252	81741	48.564	ng	# 98
83) Chrysene	13.92	228	238506	45.370	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	235133	49.385	ng	95
85) Di-n-octyl phthalate	14.47	149	365428	49.919	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	187370	47.739	ng	99
88) Benzo(b)fluoranthene	14.92	252	226288	43.630	ng	98
89) Benzo(k)fluoranthene	14.94	252	230253	43.314	ng	98
90) Benzo(a)pyrene	15.27	252	211996	44.956	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	166762	40.898	ng	97
92) Benzo(g,h,i)perylene	17.15	276	144987	37.581	ng	100

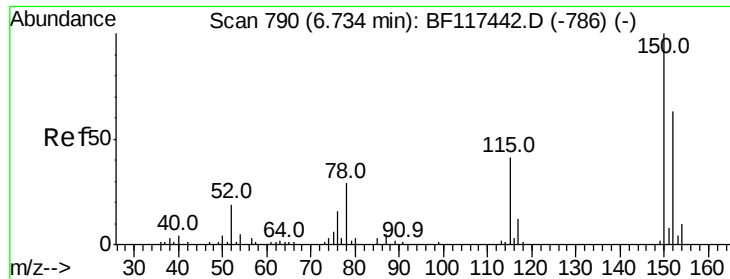
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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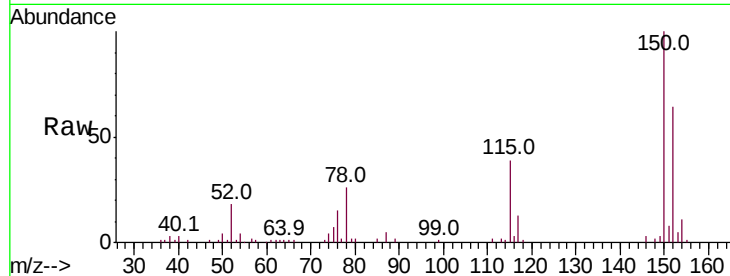


#1

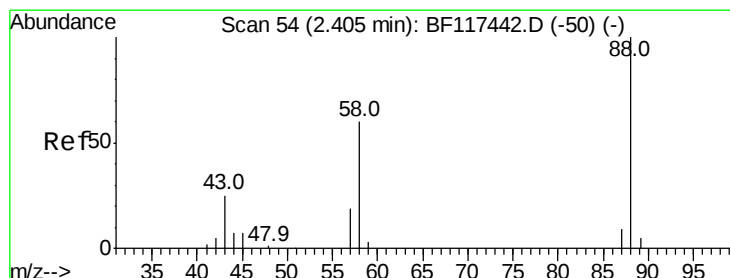
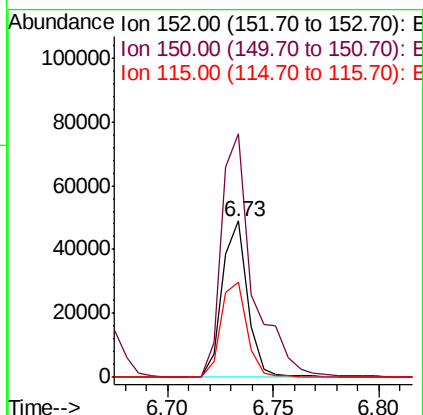
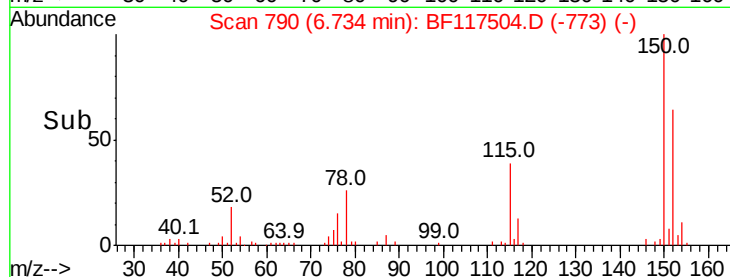
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 40784
Ion Ratio Lower Upper
152 100
150 155.9 126.8 190.2
115 61.0 51.6 77.4



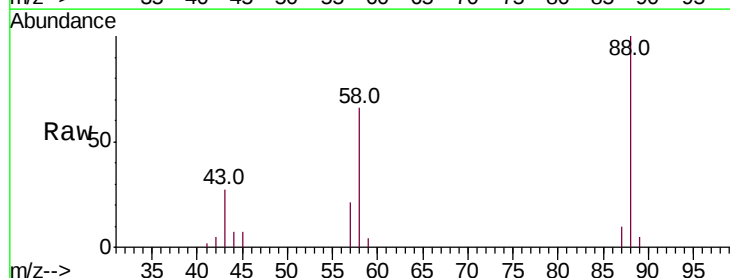
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



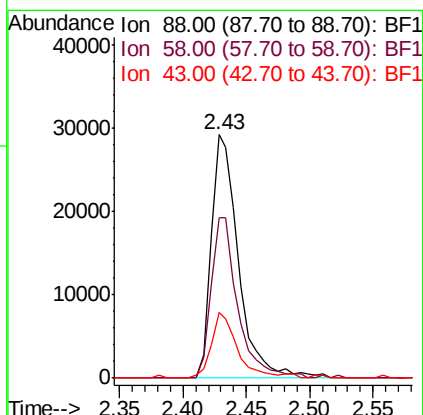
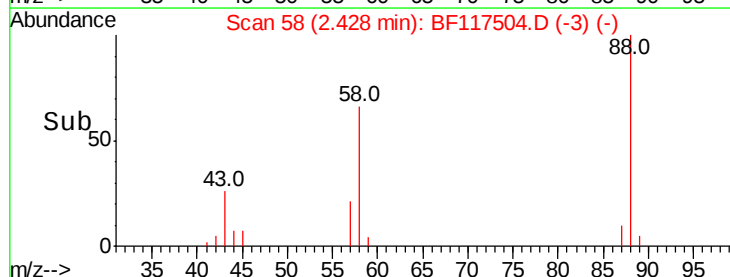
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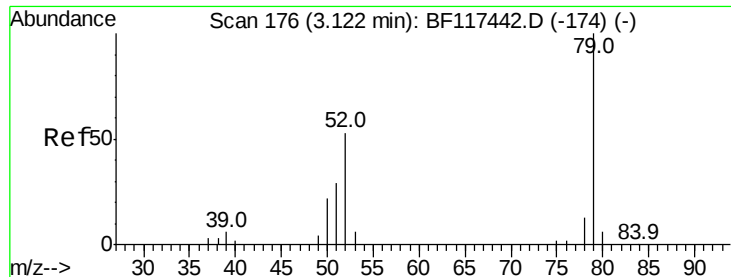
1,4-Dioxane
Concen: 38.136 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.02 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion: 88 Resp: 43955
Ion Ratio Lower Upper
88 100
58 64.7 48.8 73.2
43 26.2 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: 36.419 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.03 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

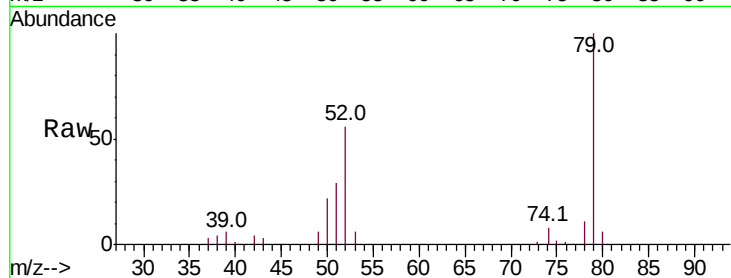
Tot Ion: 79 Resp: 102758

Ion Ratio Lower Upper

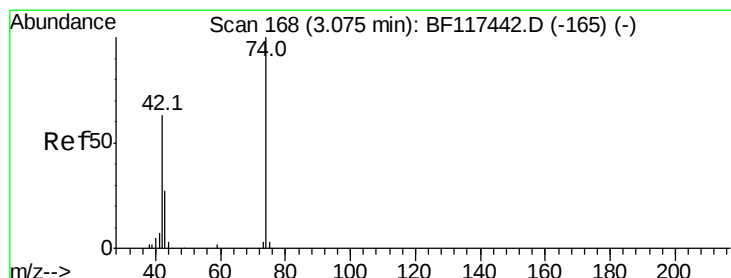
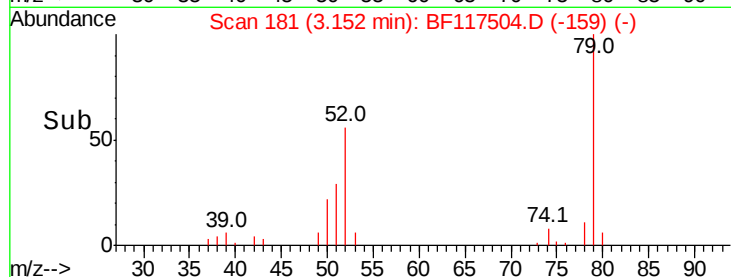
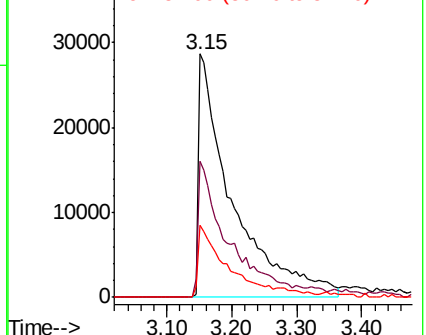
79 100

52 56.0 42.4 63.6

51 29.4 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: 43.825 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

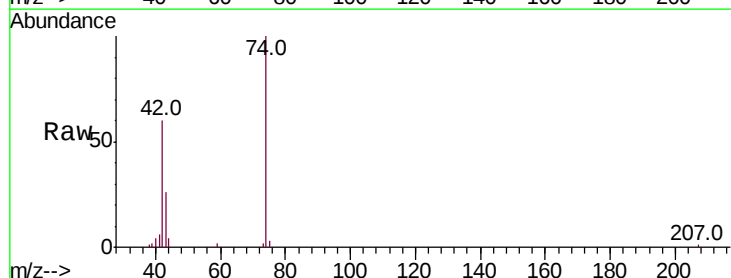
Tgt Ion: 42 Resp: 44860

Ion Ratio Lower Upper

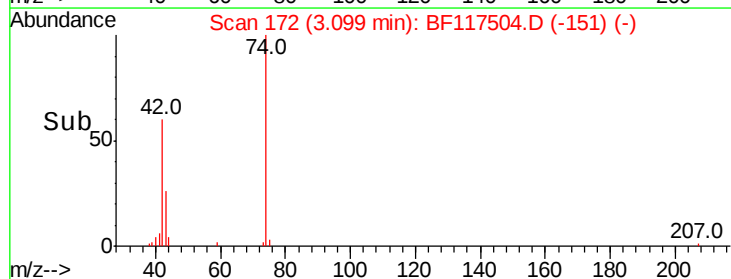
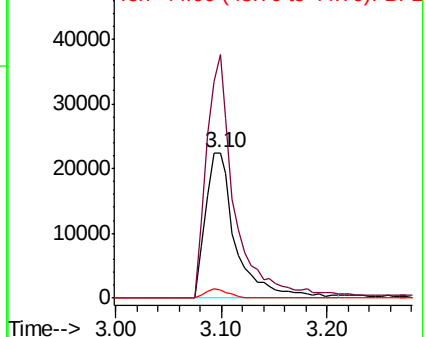
42 100

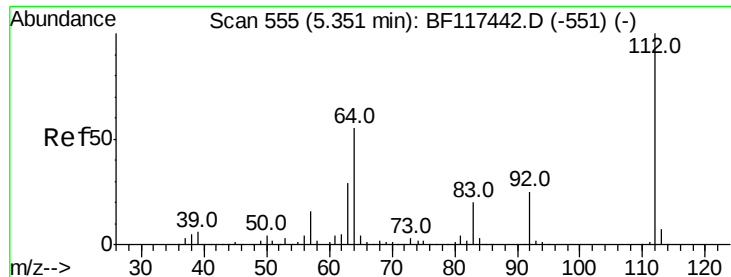
74 167.5 124.2 186.4

44 6.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 96.914 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampled :

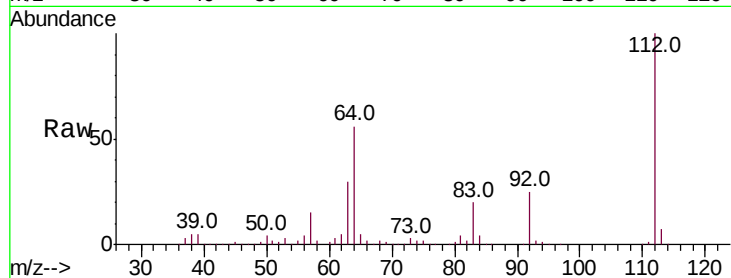
Tot Ion:112 Resp: 265681

Ion Ratio Lower Upper

112 100

64 56.1 44.1 66.1

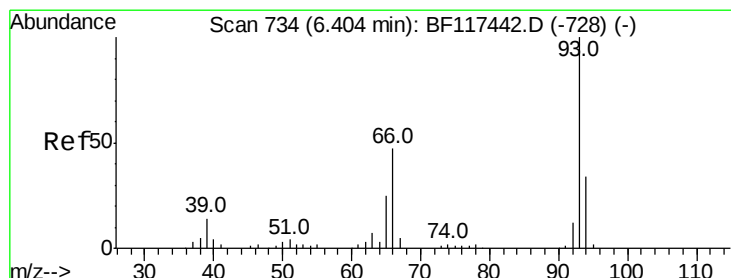
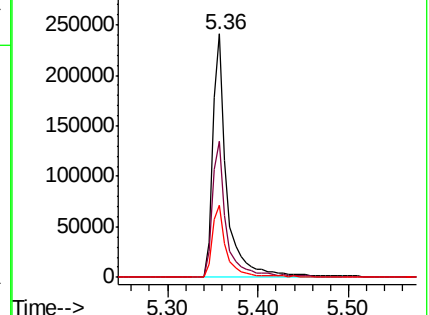
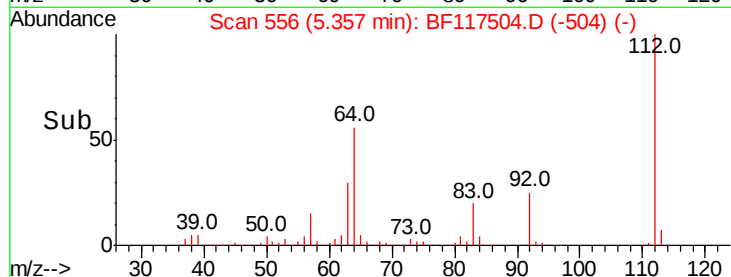
63 29.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.454 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

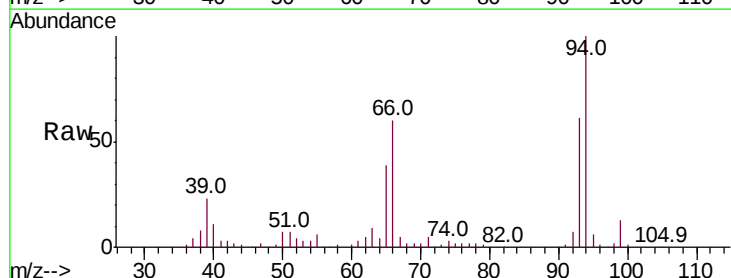
Tgt Ion: 93 Resp: 135965

Ion Ratio Lower Upper

93 100

66 99.1 38.7 58.1#

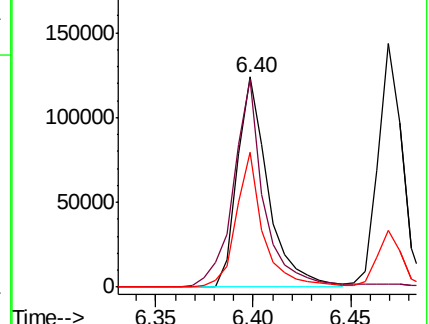
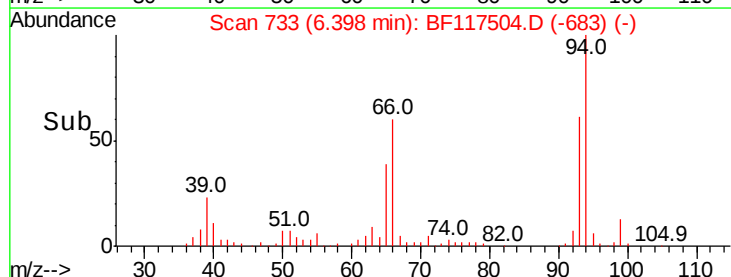
65 64.1 20.1 30.1#

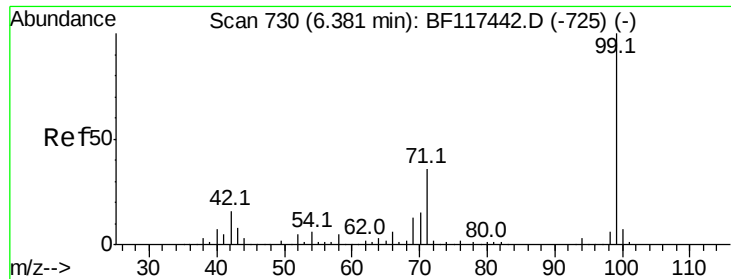


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.480 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampled :

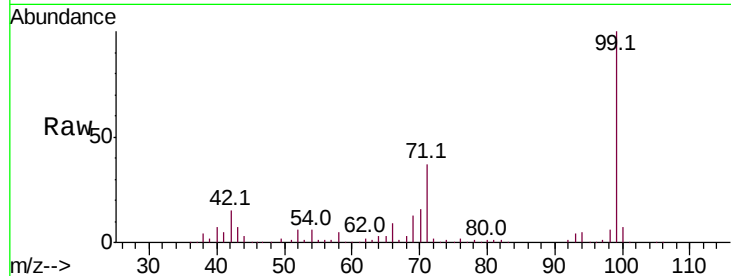
Tot Ion: 99 Resp: 366287

Ion Ratio Lower Upper

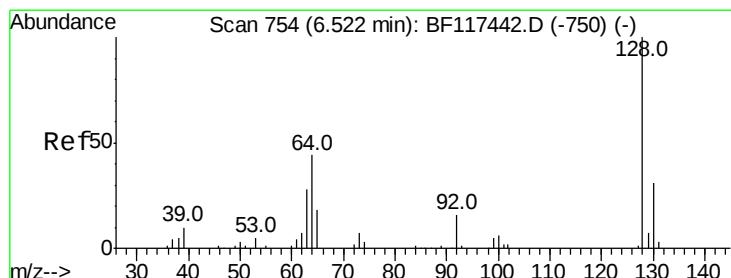
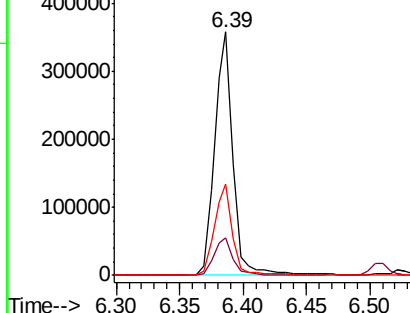
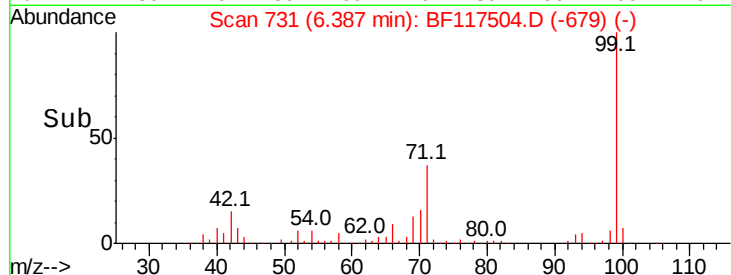
99 100

42 15.2 12.8 19.2

71 37.3 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.985 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

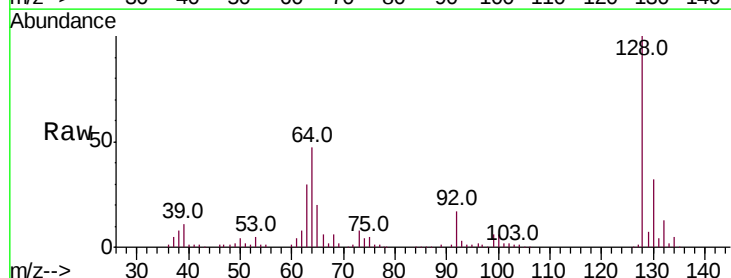
Tgt Ion: 128 Resp: 130132

Ion Ratio Lower Upper

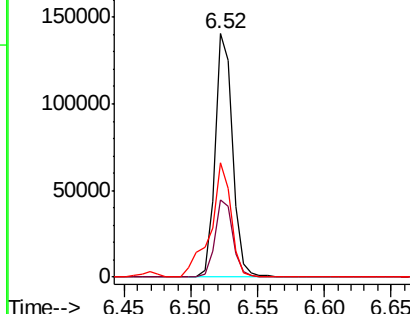
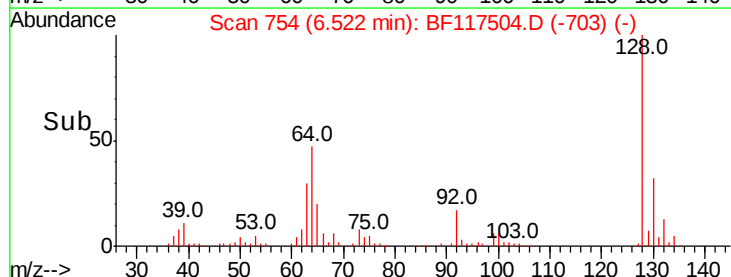
128 100

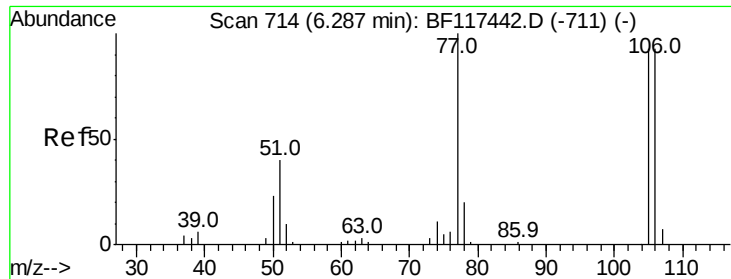
130 31.8 11.1 51.1

64 46.7 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

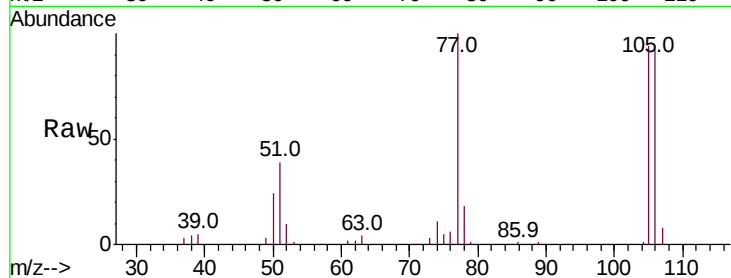




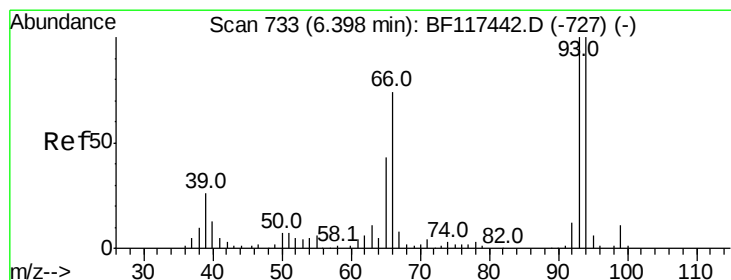
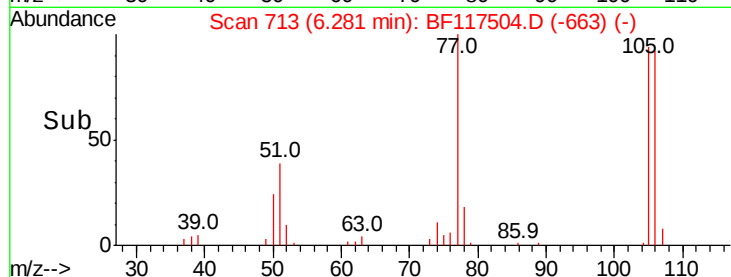
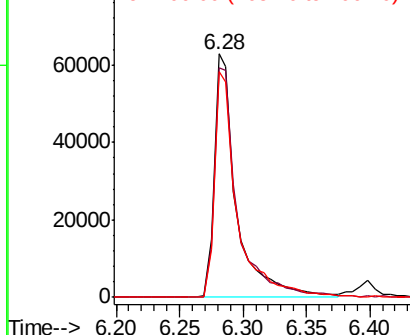
#9
Benzaldehyde
Concen: 44.845 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117504.D
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Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 77857
Ion Ratio Lower Upper
77 100
105 94.4 73.4 113.4
106 92.5 73.0 113.0

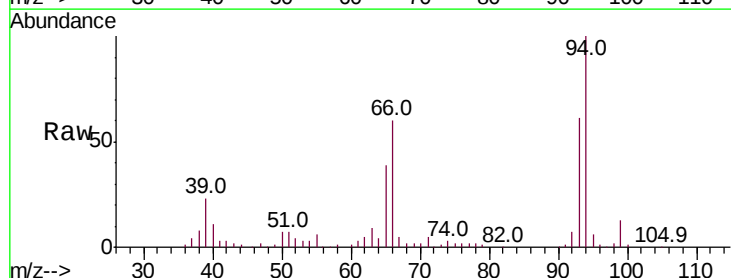


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

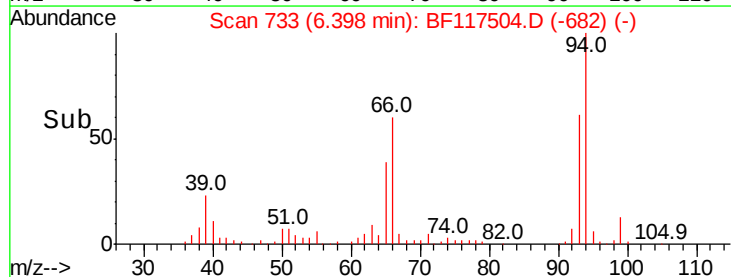
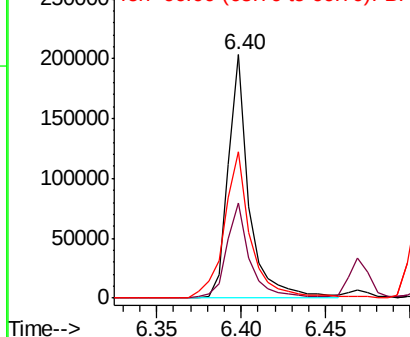


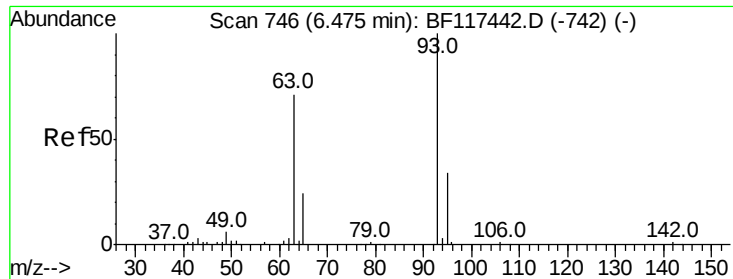
#10
Phenol
Concen: 46.461 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion: 94 Resp: 174599
Ion Ratio Lower Upper
94 100
65 39.0 23.4 63.4
66 60.3 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



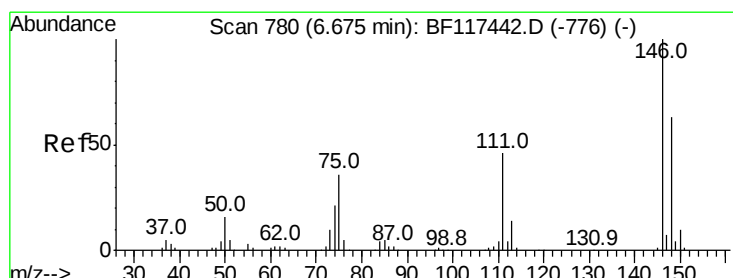
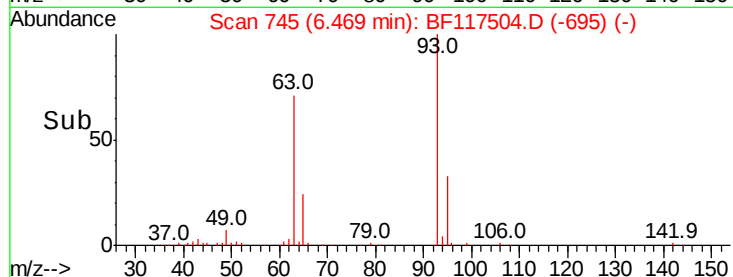
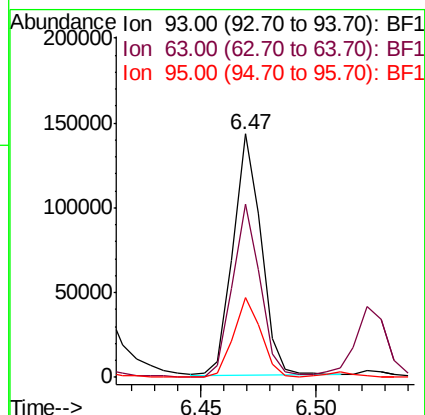
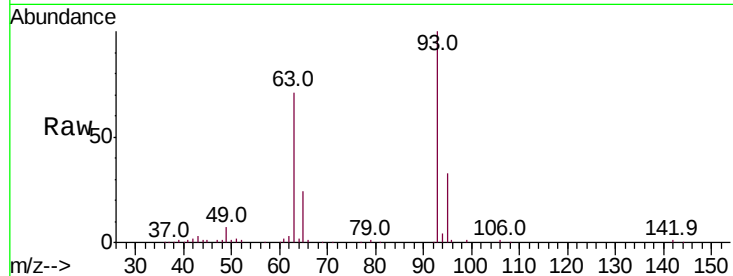


#11
 bis(2-Chloroethyl)ether
 Concen: 43.667 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 121380

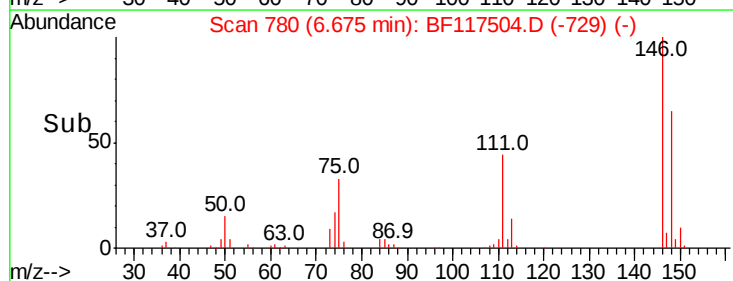
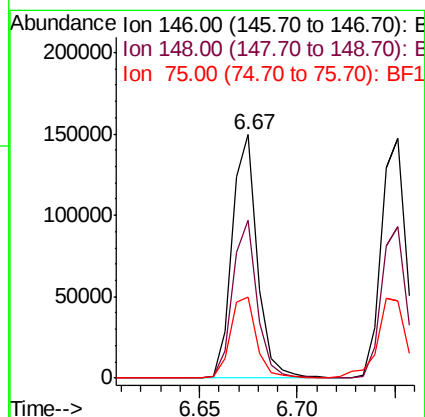
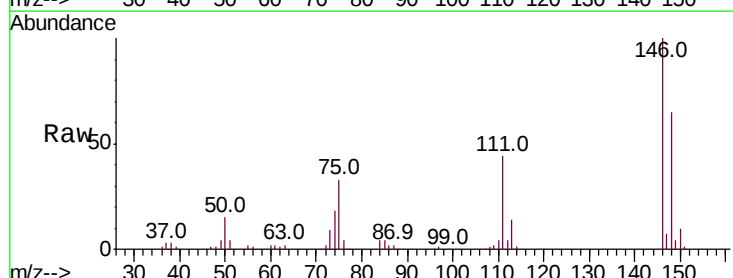
Ion	Ratio	Lower	Upper
93	100		
63	71.1	50.2	90.2
95	33.0	13.9	53.9

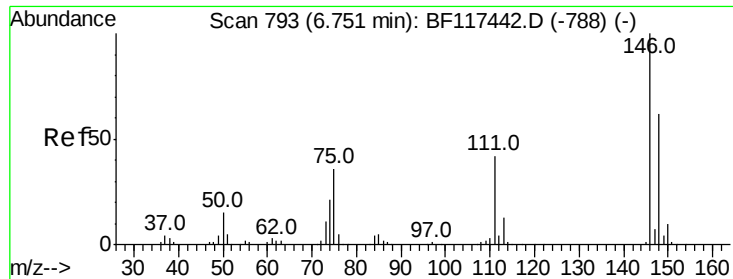


#12
 1,3-Dichlorobenzene
 Concen: 41.545 ng
 RT: 6.67 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion: 146 Resp: 134113

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	33.3	28.6	43.0

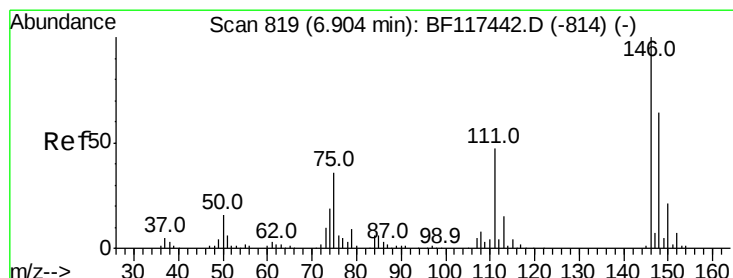
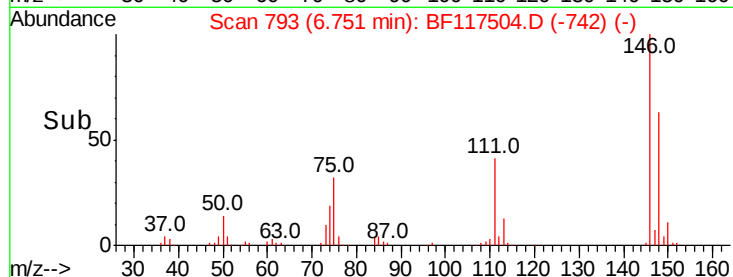
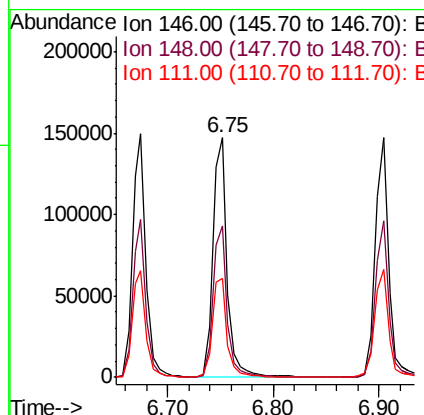
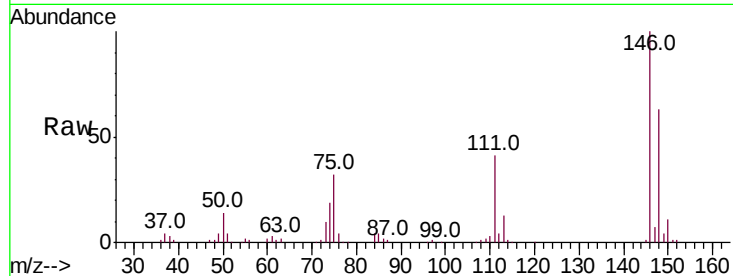




#13
 1,4-Dichlorobenzene
 Concen: 42.962 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

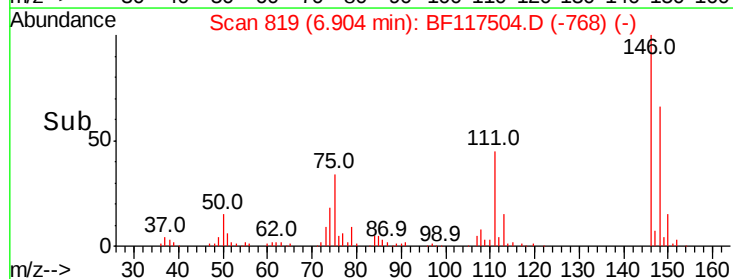
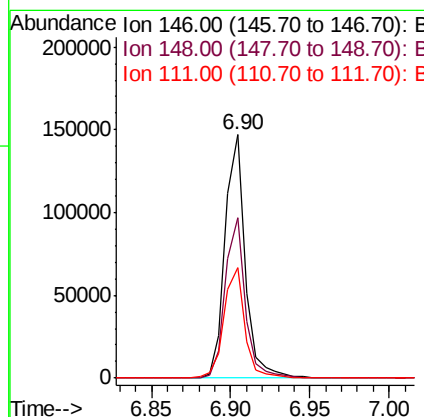
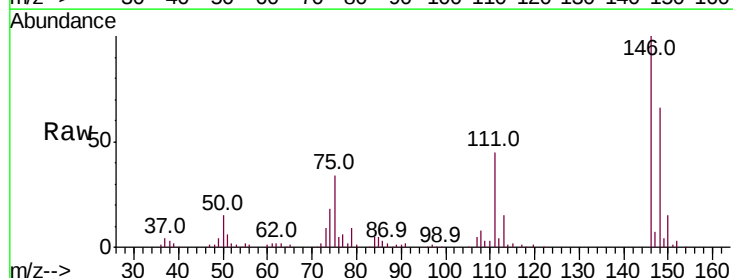
Instrument :
 BNA_F
 ClientSampleId :

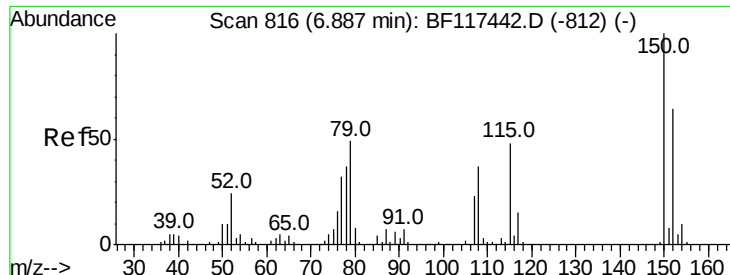
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.3	73.9
111	41.4	33.6	50.4



#14
 1,2-Dichlorobenzene
 Concen: 41.775 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	45.2	37.7	56.5

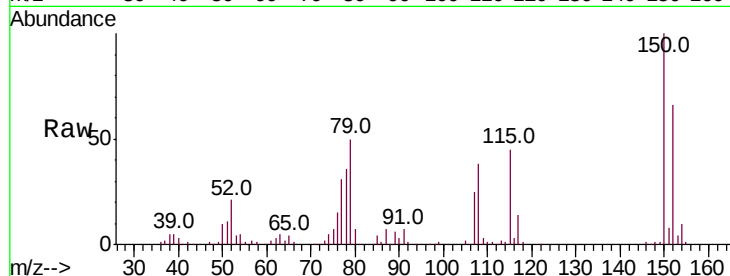




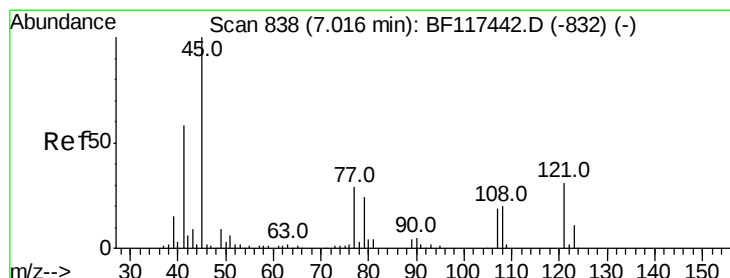
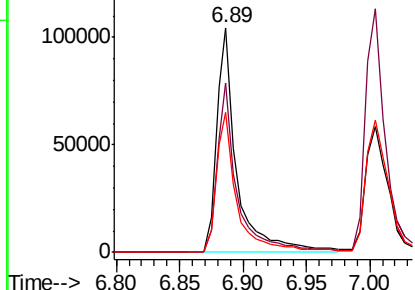
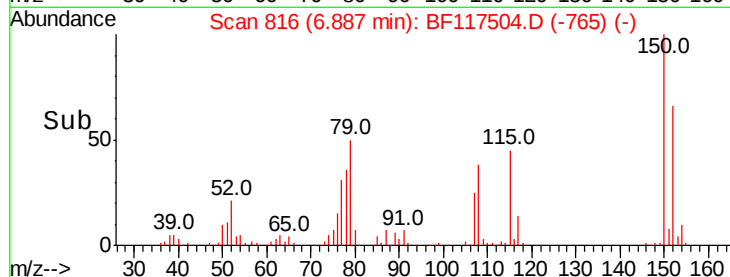
#15
Benzyl Alcohol
Concen: 44.367 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 116713
Ion Ratio Lower Upper
79 100
108 75.4 59.8 89.8
77 62.1 51.4 77.0

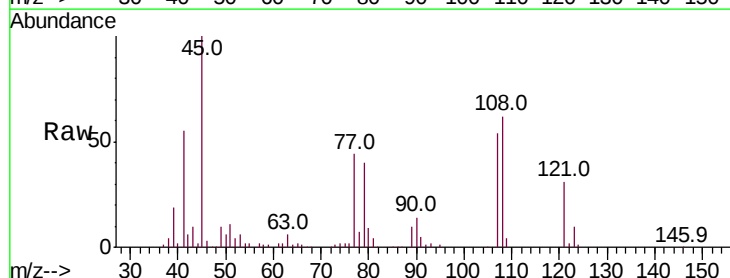


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

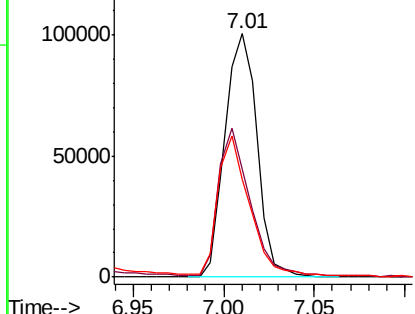
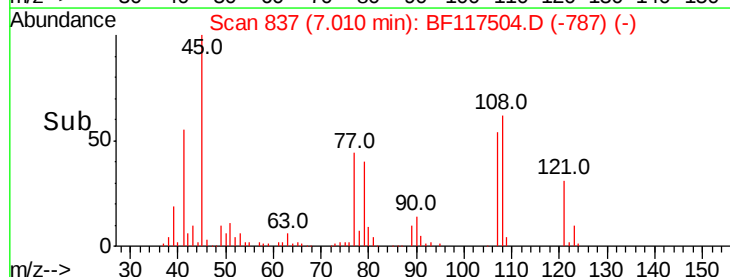


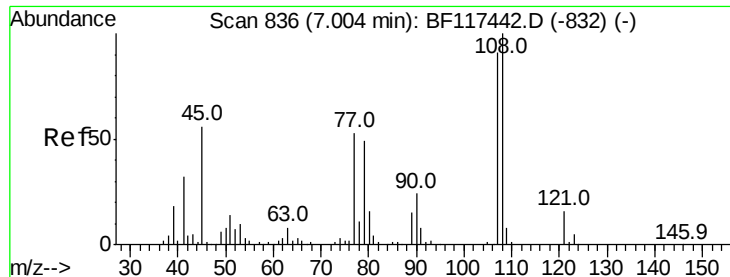
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.358 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion: 45 Resp: 124015
Ion Ratio Lower Upper
45 100
77 44.1 9.9 49.9
79 40.2 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

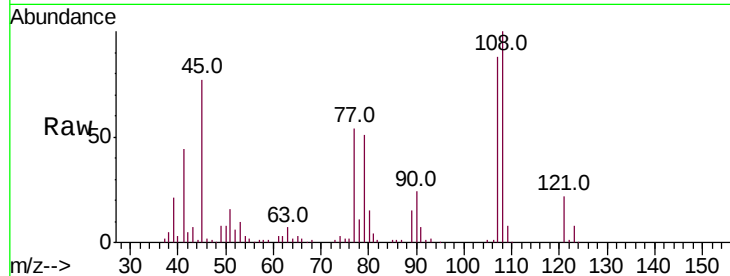




#17
2-Methylphenol
Concen: 44.689 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	88.0	132.0
77	62.1	47.2	70.8
79	58.7	44.1	66.1



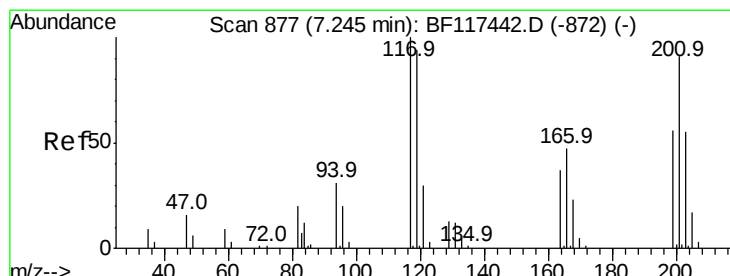
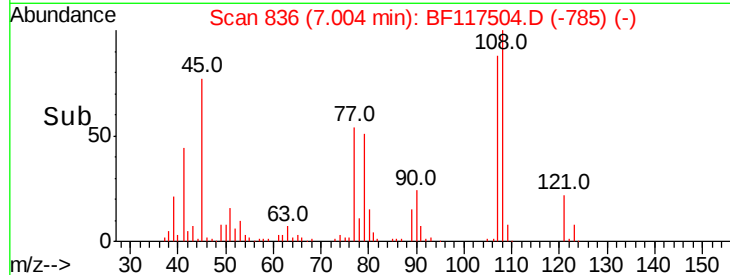
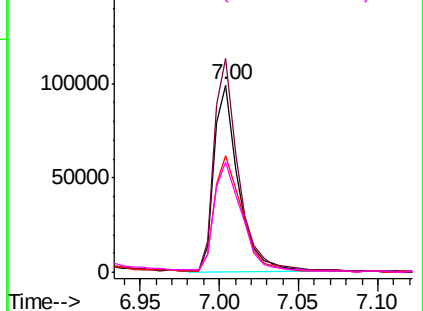
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

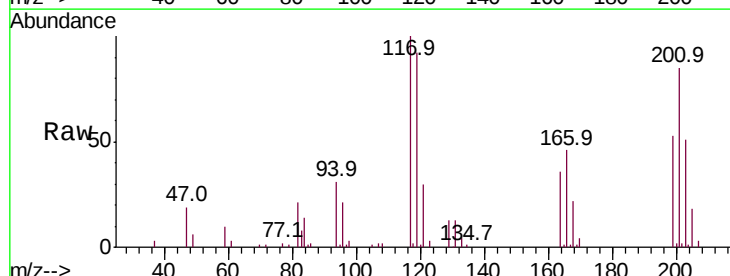
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.597 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.4	113.0
201	85.0	72.5	108.7

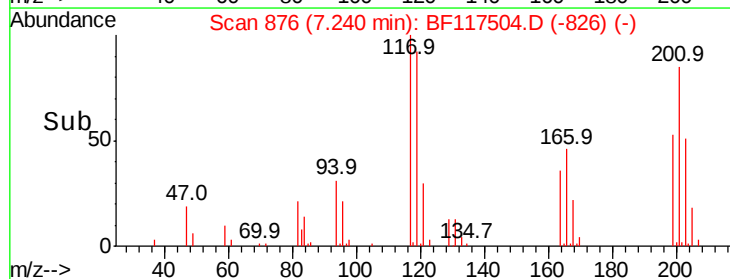
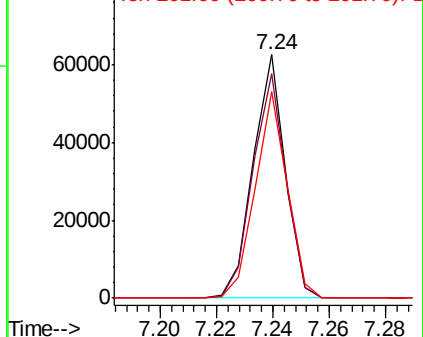


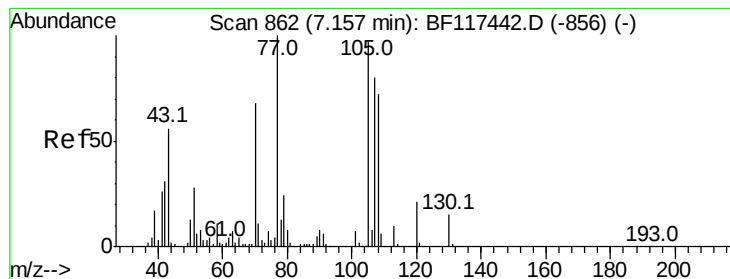
Abundance

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: 44.077 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 99114

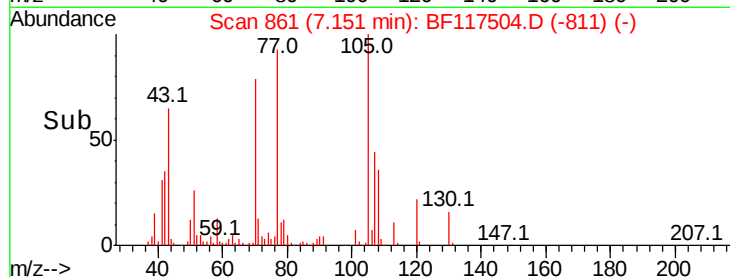
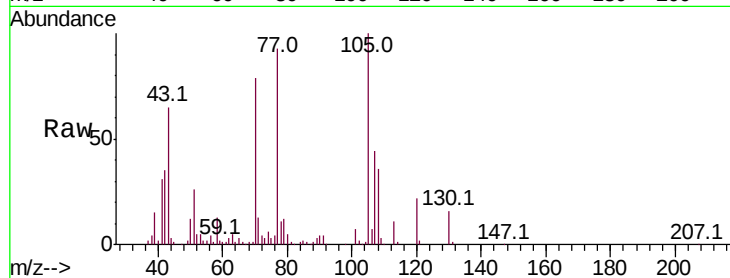
Ion Ratio Lower Upper

70 100

42 44.4 36.7 55.1

101 9.4 8.3 12.5

130 20.2 18.1 27.1

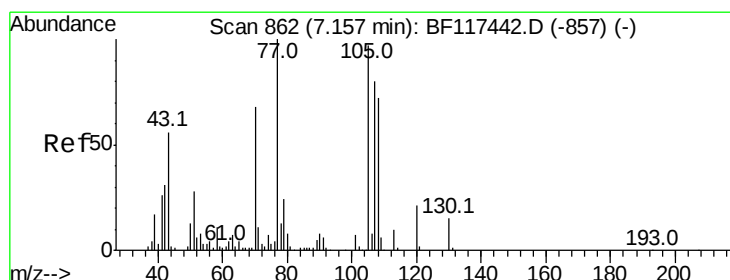
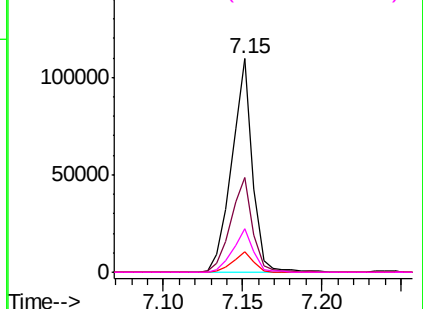


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 46.265 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion: 107 Resp: 144348

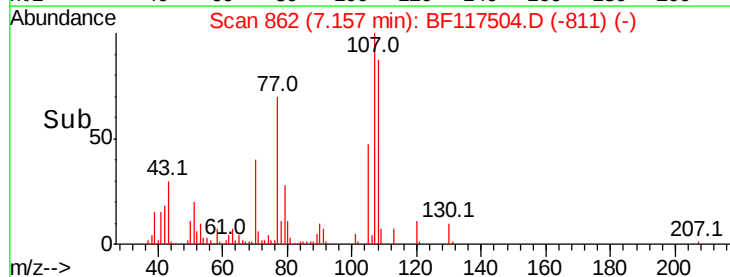
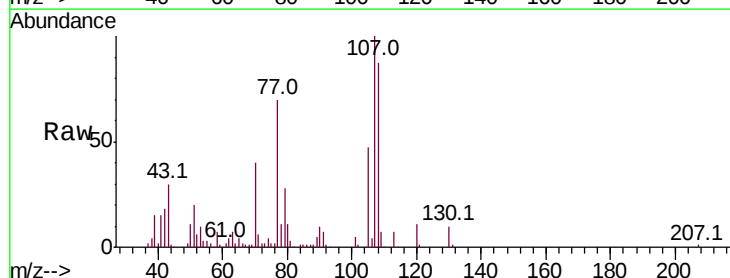
Ion Ratio Lower Upper

107 100

108 86.5 70.3 110.3

77 70.2 104.8 144.8#

79 28.3 10.0 50.0

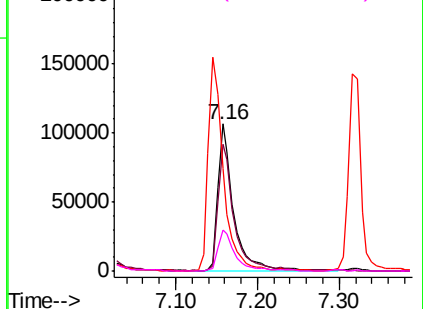


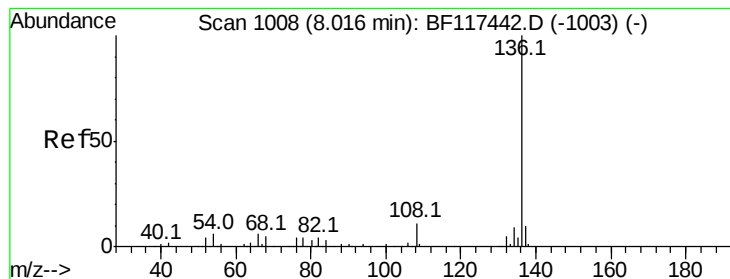
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 166697

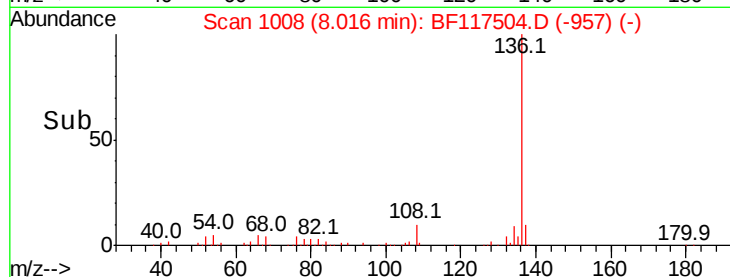
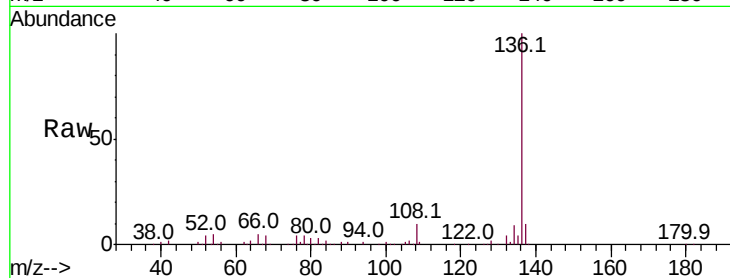
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.4

54 5.0 4.5 6.7

68 4.1 4.3 6.5#

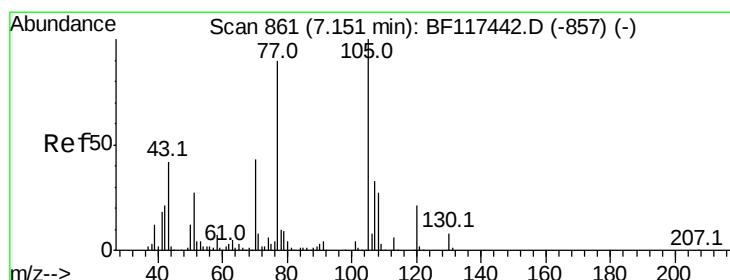
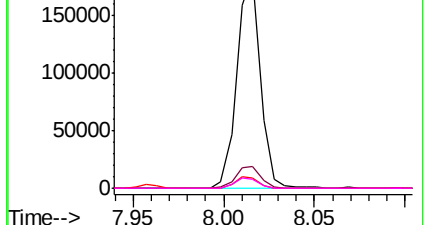


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.158 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion:105 Resp: 191034

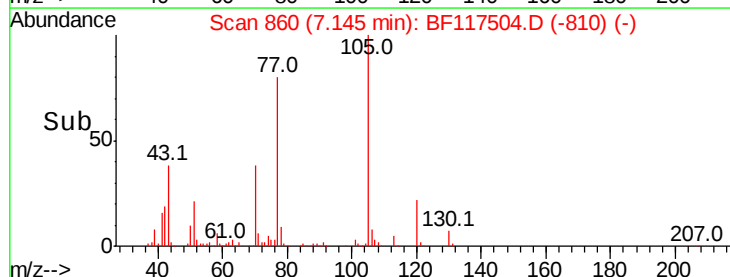
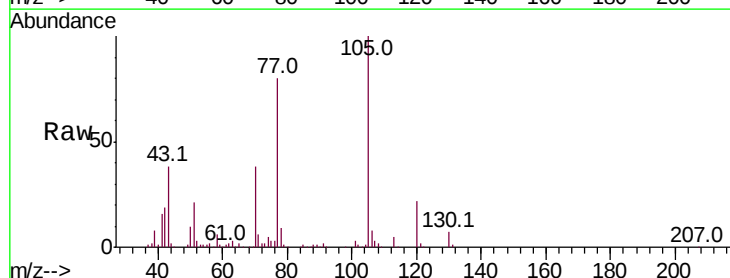
Ion Ratio Lower Upper

105 100

71 6.3 6.2 9.2

51 21.5 21.8 32.6#

120 21.6 16.7 25.1

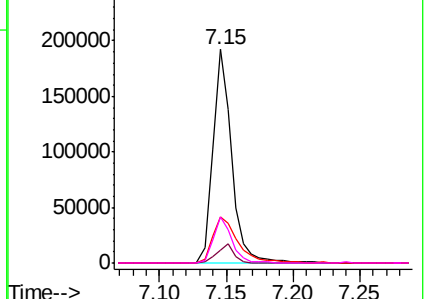


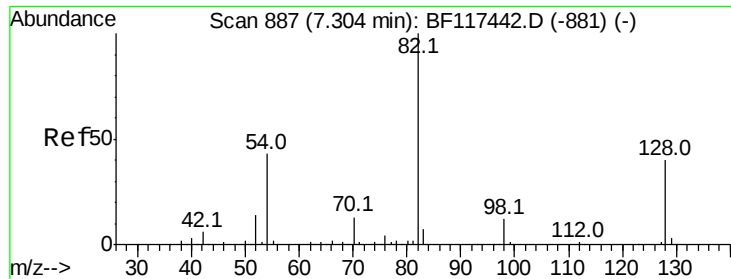
Abundance Ion 105.00 (104.70 to 105.70): E

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

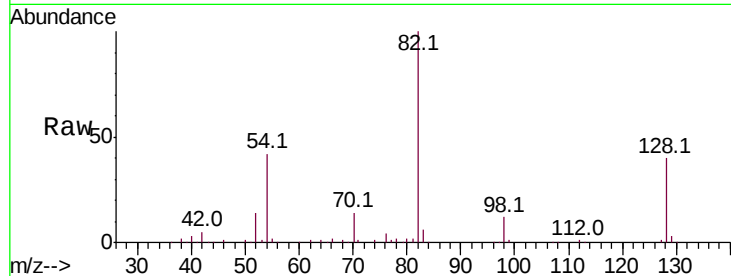




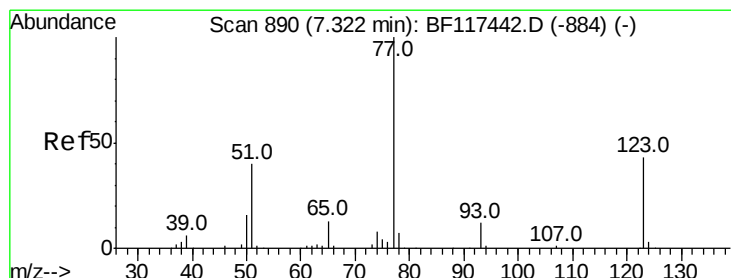
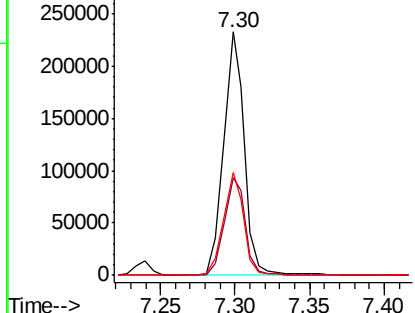
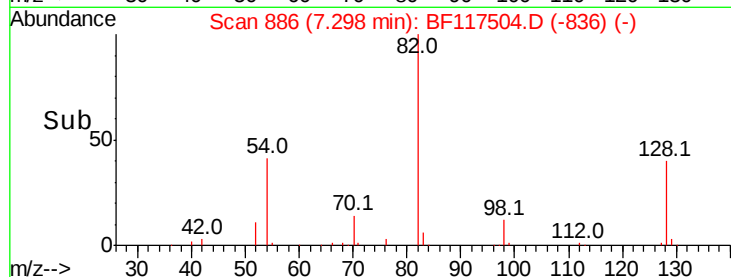
#23
 Nitrobenzene-d5
 Concen: 67.622 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	228334
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.2
54	42.5	34.2	51.2

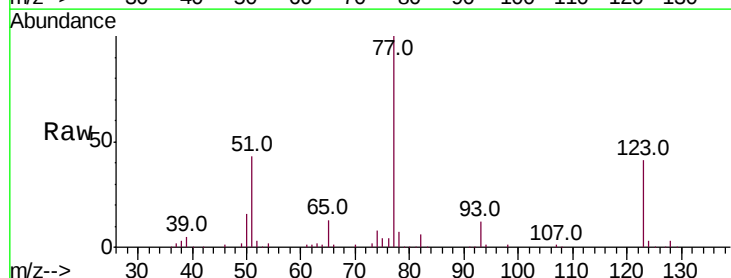


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

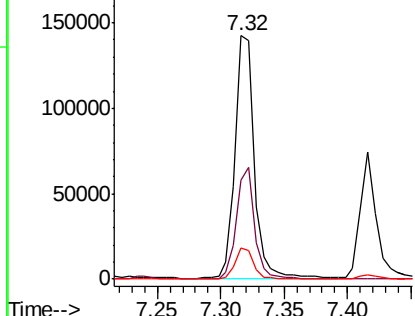
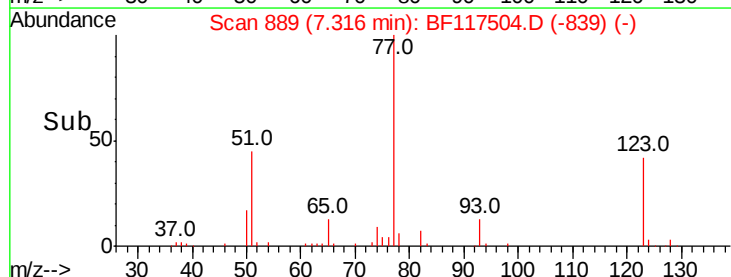


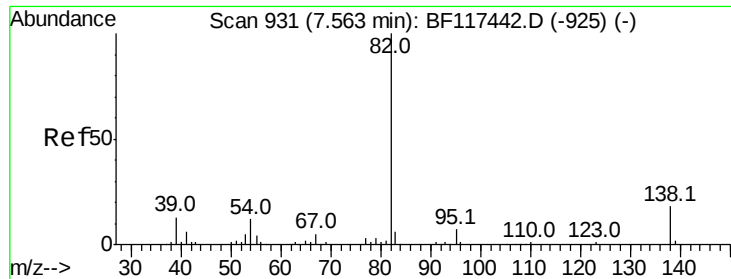
#24
 Nitrobenzene
 Concen: 46.725 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	77	Resp	151115
Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.2	51.2
65	12.6	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: 45.389 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

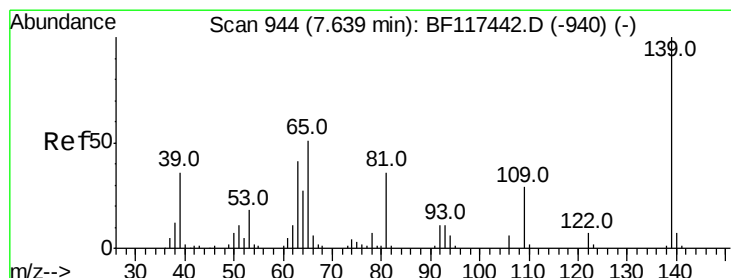
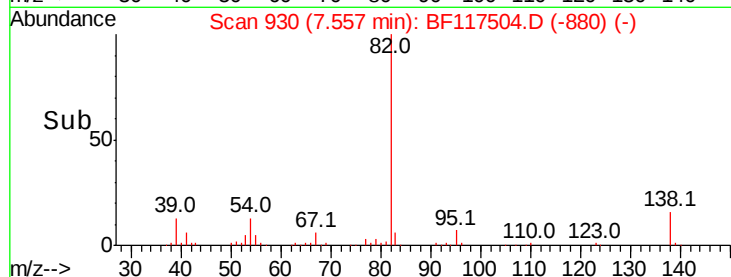
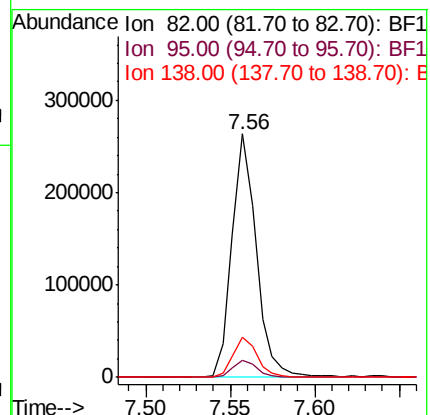
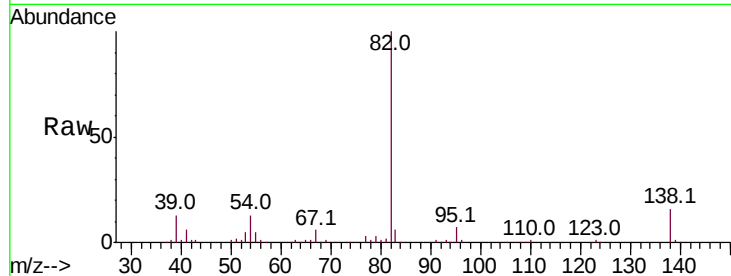
Tot Ion: 82 Resp: 265131

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 16.3 14.2 21.2



#26

2-Nitrophenol

Concen: 45.502 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

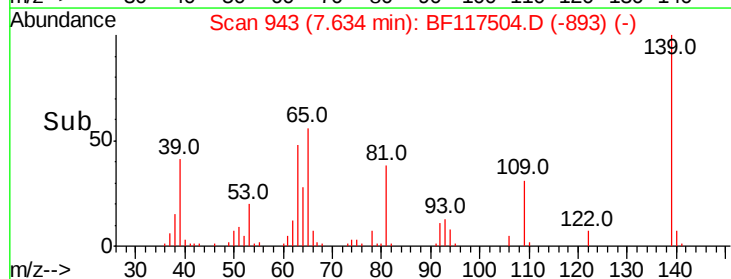
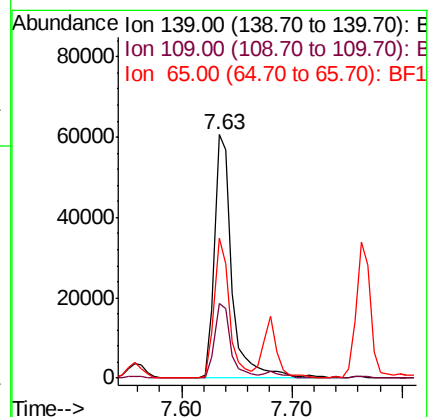
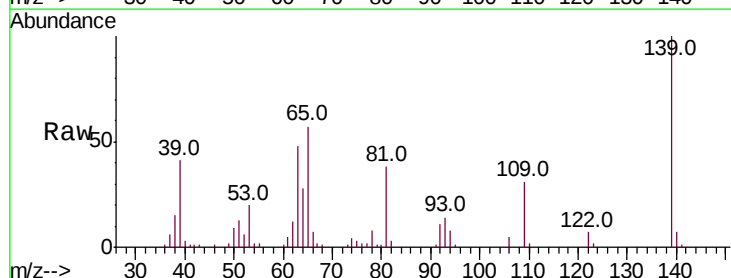
Tgt Ion:139 Resp: 65634

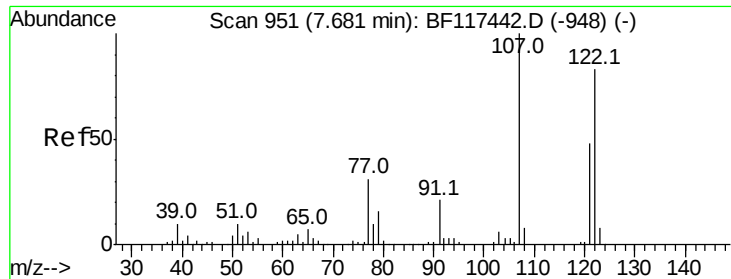
Ion Ratio Lower Upper

139 100

109 30.8 23.2 34.8

65 57.5 41.1 61.7

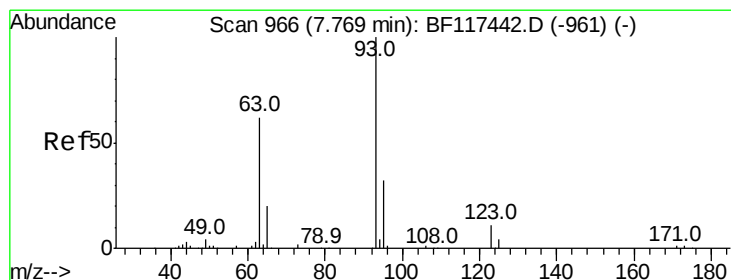
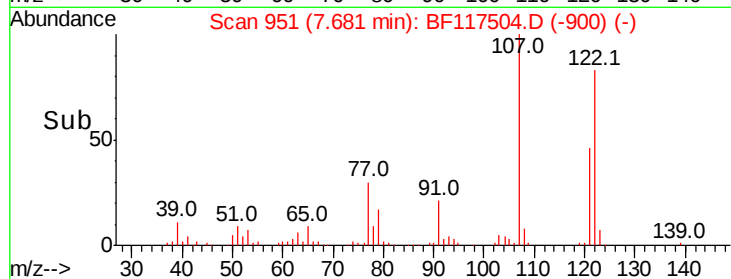
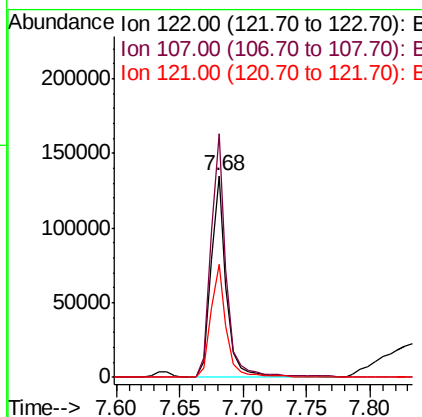
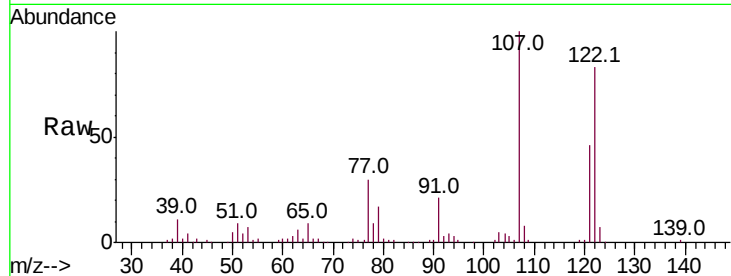




#27
 2,4-Dimethylphenol
 Concen: 52.331 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

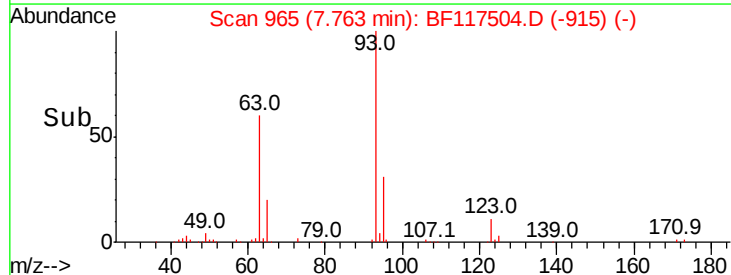
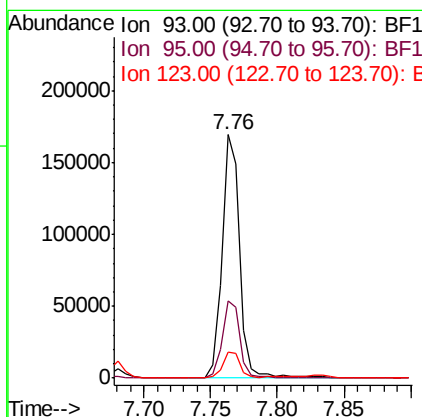
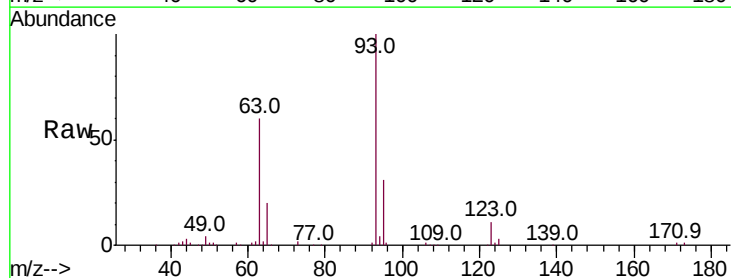
Instrument :
 BNA_F
 ClientSampleId :

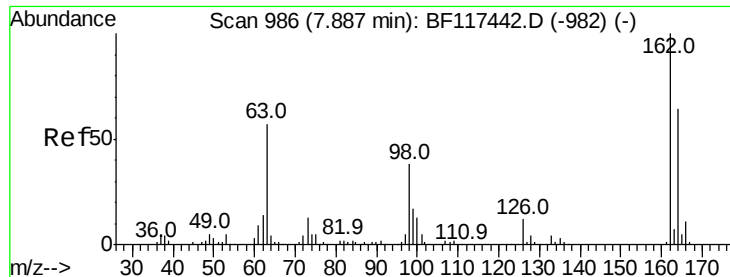
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	96.8	145.2
121	55.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.835 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	10.6	9.0	13.6

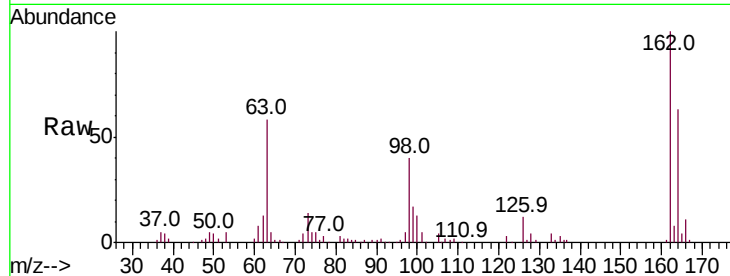




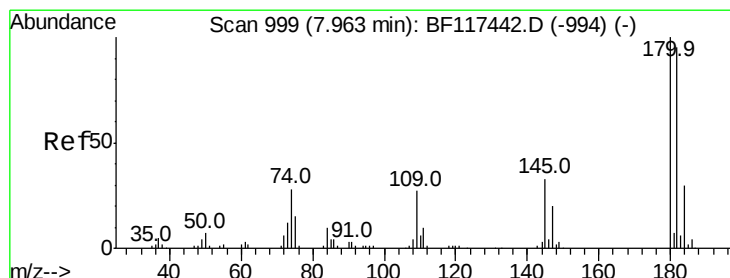
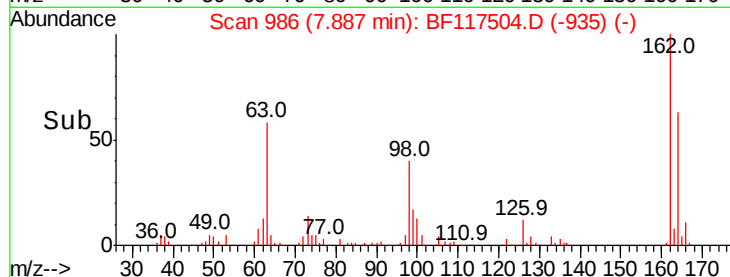
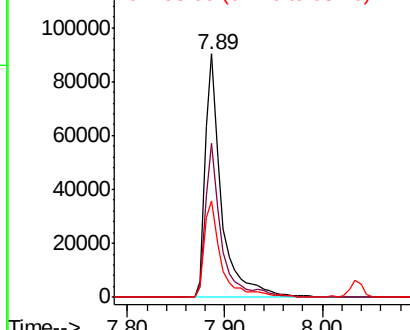
#29
 2,4-Dichlorophenol
 Concen: 46.162 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	39.8	18.2	58.2

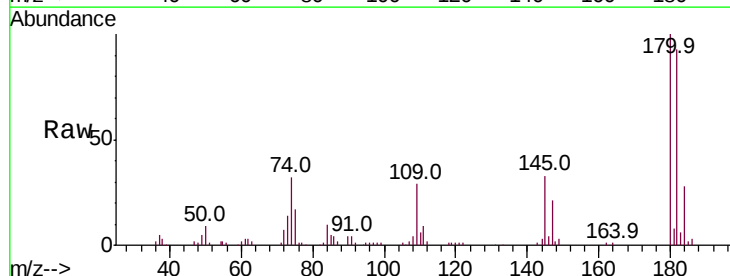


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

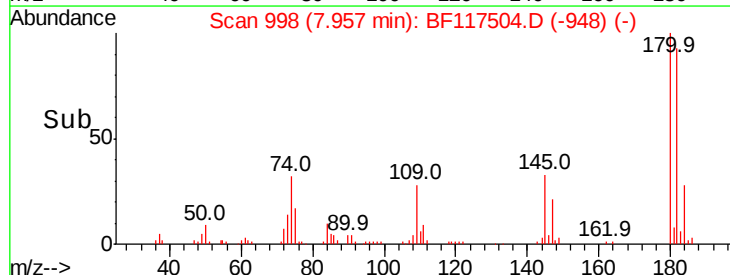
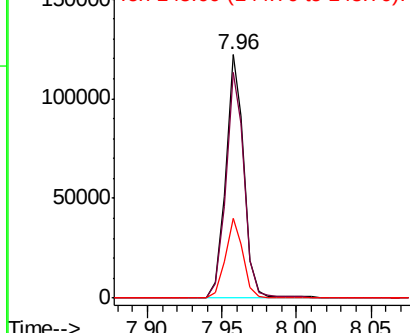


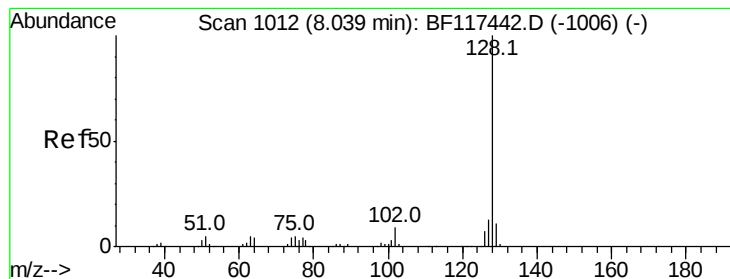
#30
 1,2,4-Trichlorobenzene
 Concen: 43.685 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.8
145	32.5	26.5	39.7



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





#31

Naphthalene

Concen: 45.536 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

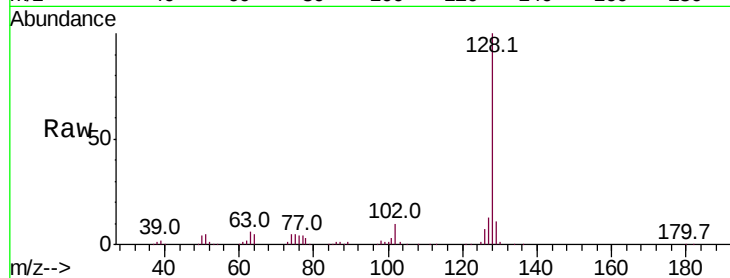
Tot Ion:128 Resp: 376249

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

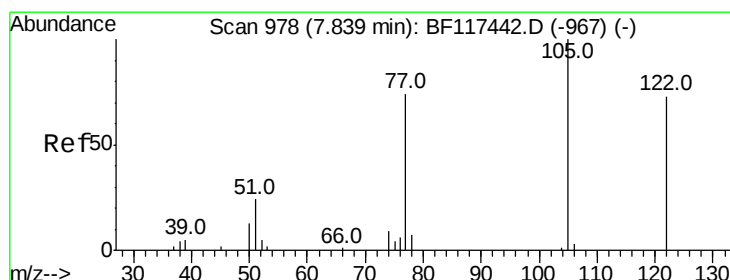
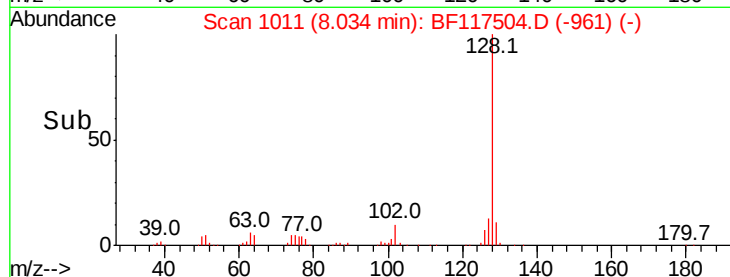
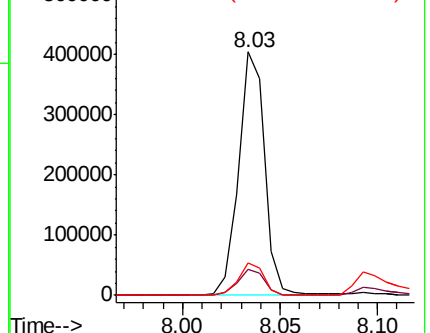
127 13.2 10.2 15.2



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: 37.993 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

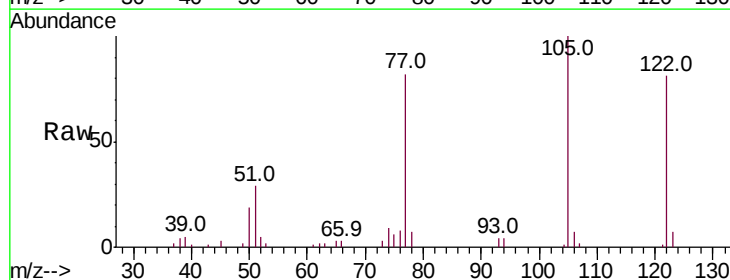
Tgt Ion:122 Resp: 56097

Ion Ratio Lower Upper

122 100

105 123.7 115.0 155.0

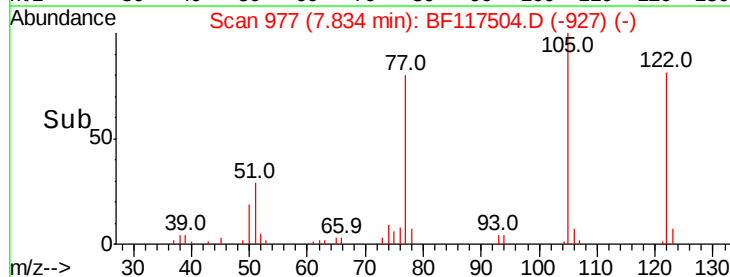
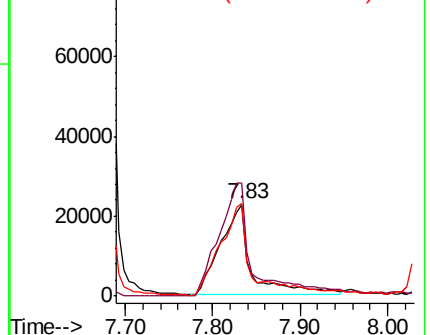
77 101.4 79.7 119.7

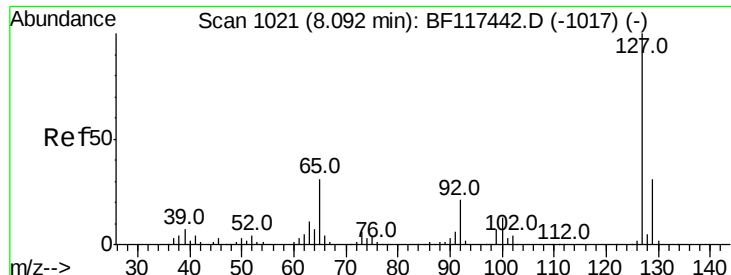


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

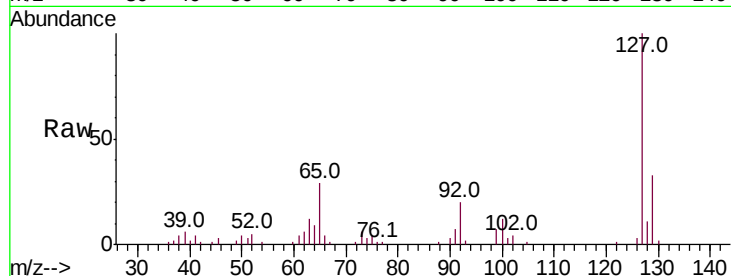




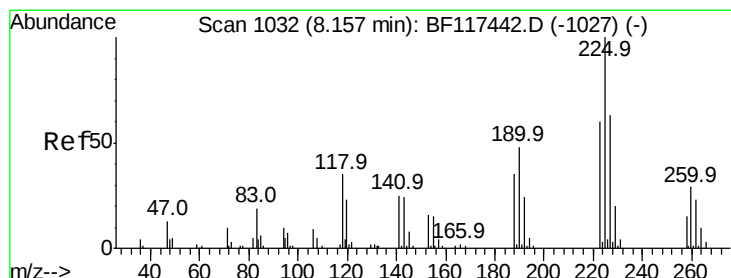
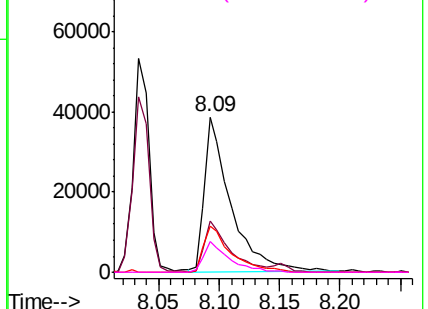
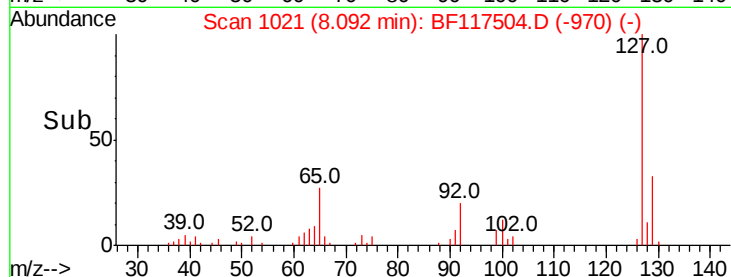
#33
4-Chloroaniline
Concen: 16.590 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	57852
Ion	Ratio	Lower Upper
127	100	
129	32.6	24.8 37.2
65	29.3	24.6 37.0
92	19.8	16.5 24.7

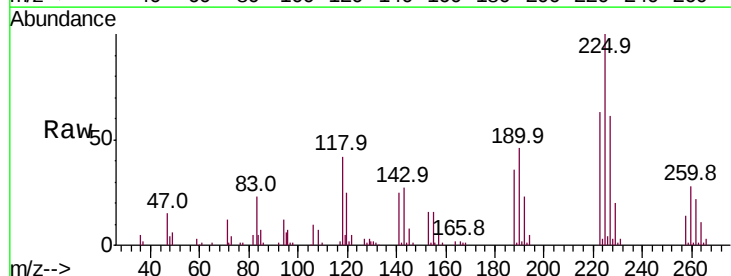


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

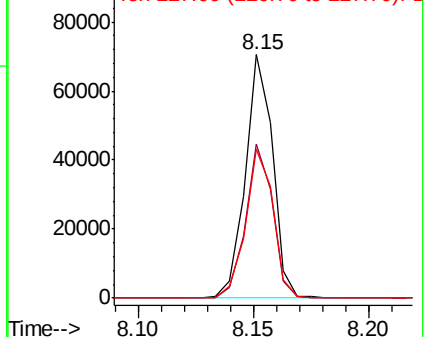
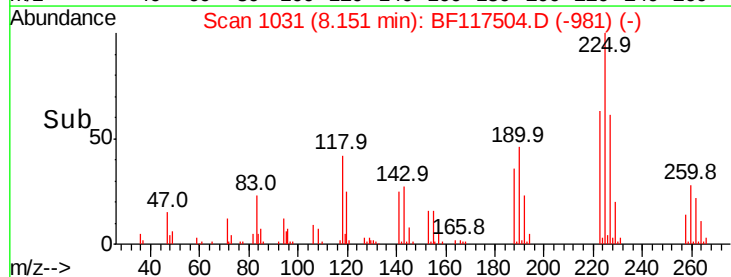


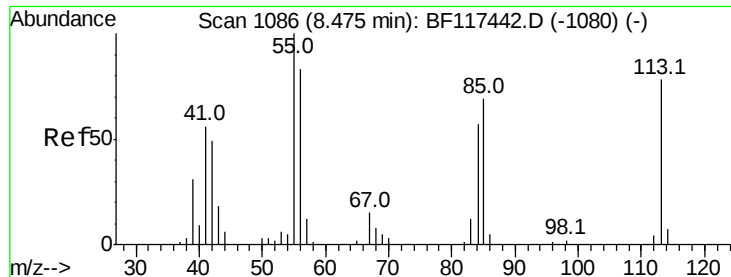
#34
Hexachlorobutadiene
Concen: 41.464 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:225	Resp:	58232
Ion	Ratio	Lower Upper
225	100	
223	63.2	48.2 72.4
227	61.2	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: 32.041 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

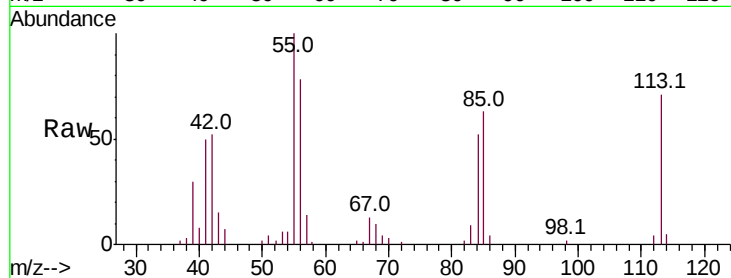
Tot Ion:113 Resp: 23273

Ion Ratio Lower Upper

113 100

55 140.6 108.8 148.8

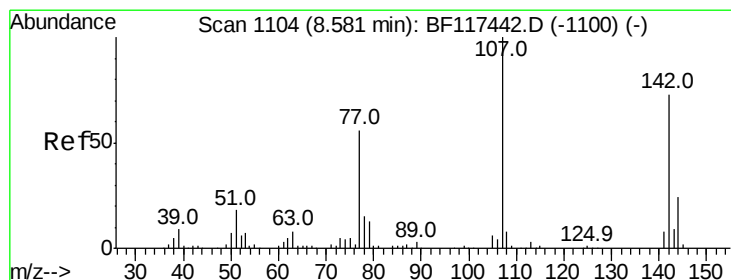
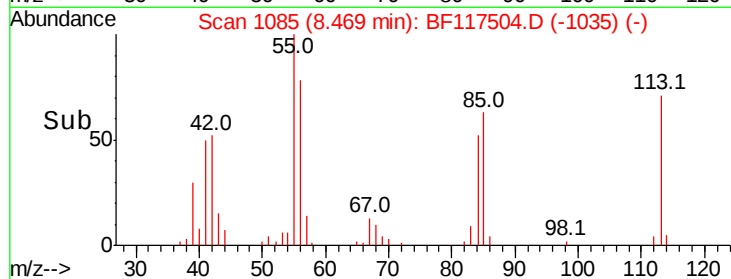
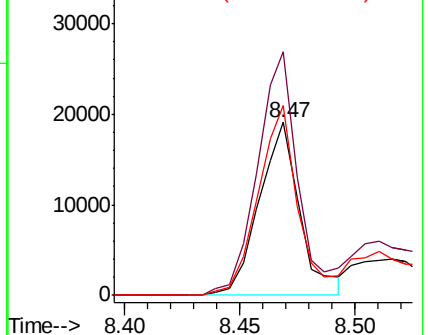
56 109.8 87.2 127.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.610 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

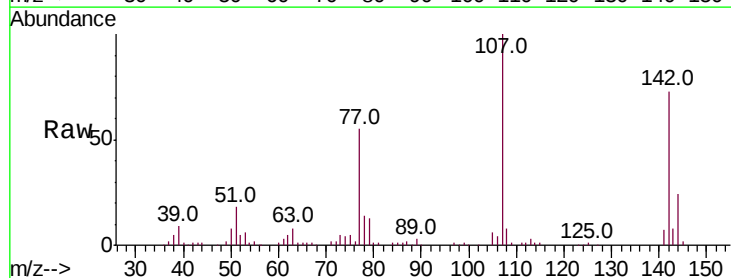
Tgt Ion:107 Resp: 120192

Ion Ratio Lower Upper

107 100

144 23.7 18.9 28.3

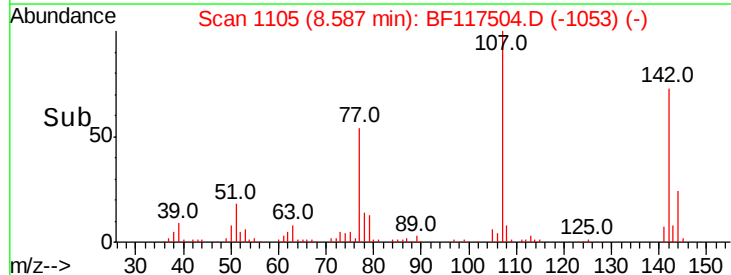
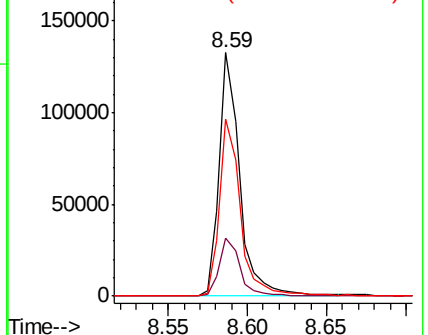
142 72.7 58.6 88.0

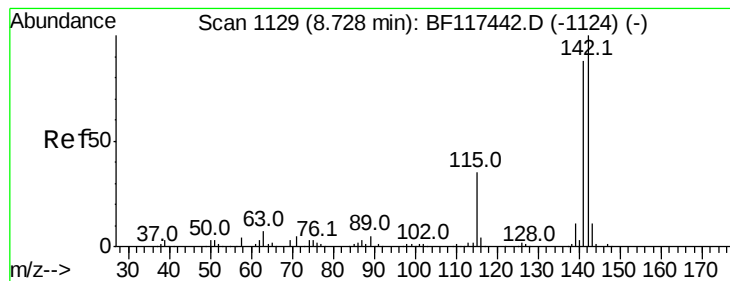


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.641 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

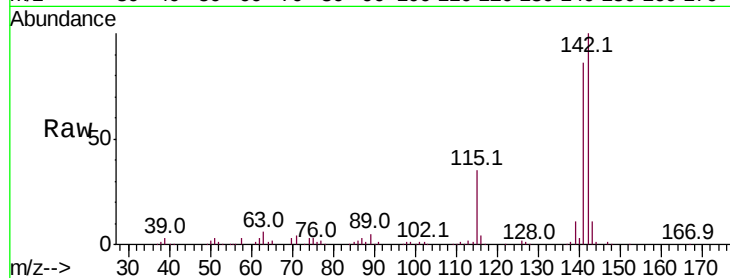
Tot Ion:142 Resp: 259679

Ion Ratio Lower Upper

142 100

141 85.6 70.3 105.5

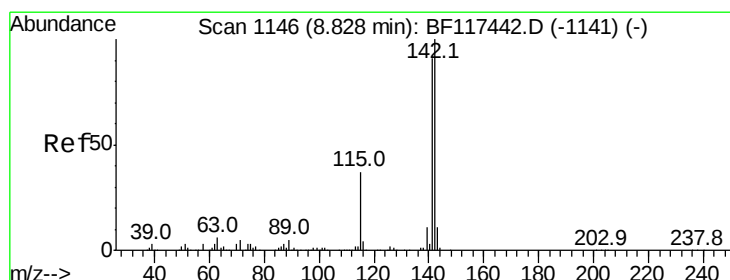
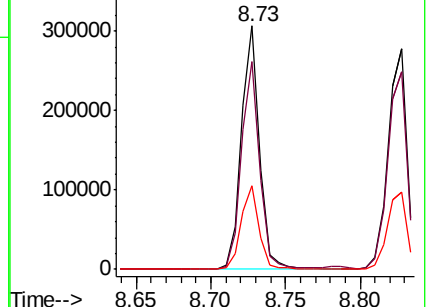
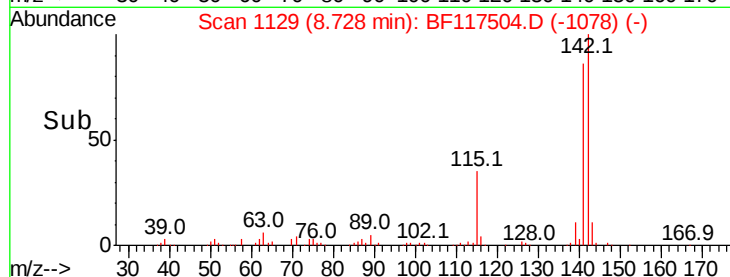
115 34.5 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.915 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

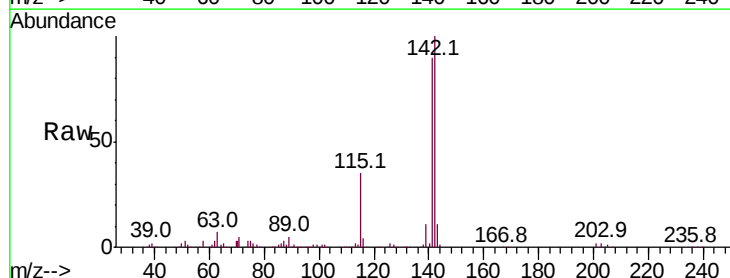
Tgt Ion:142 Resp: 240215

Ion Ratio Lower Upper

142 100

141 89.7 73.3 109.9

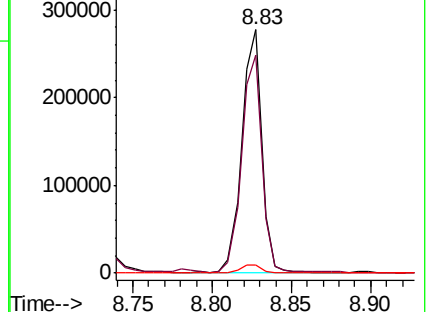
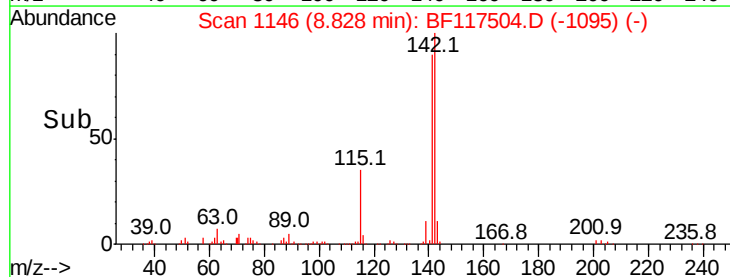
116 3.5 3.1 4.7

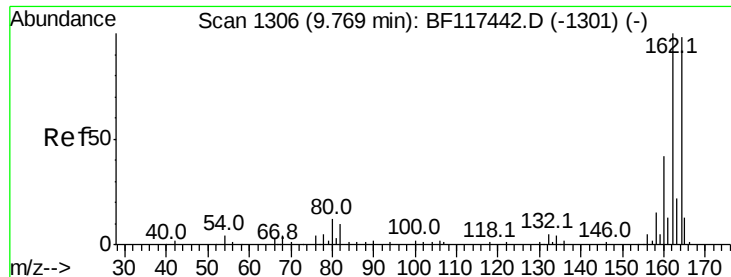


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

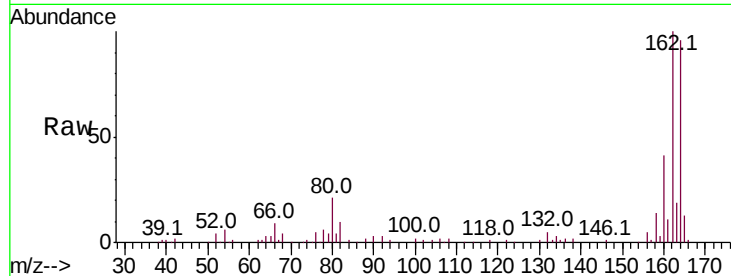




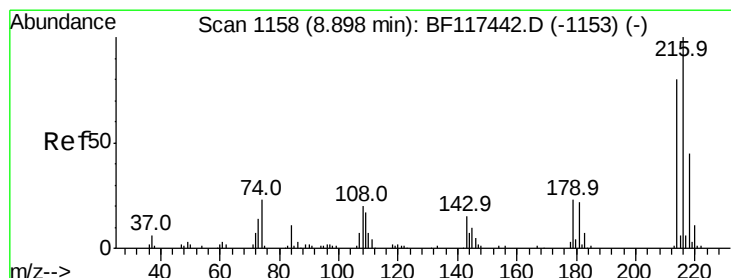
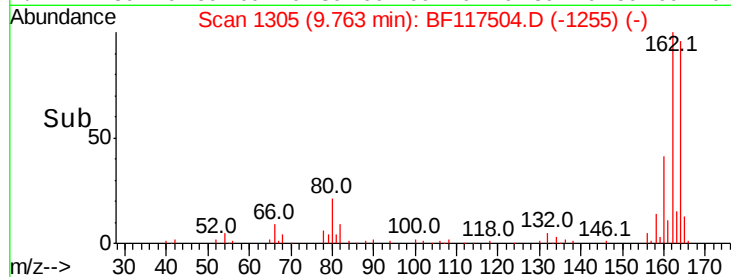
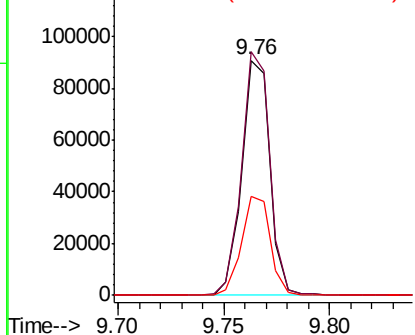
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 83912
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 42.3 34.4 51.6



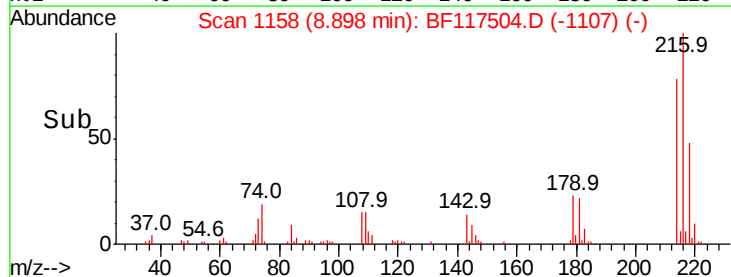
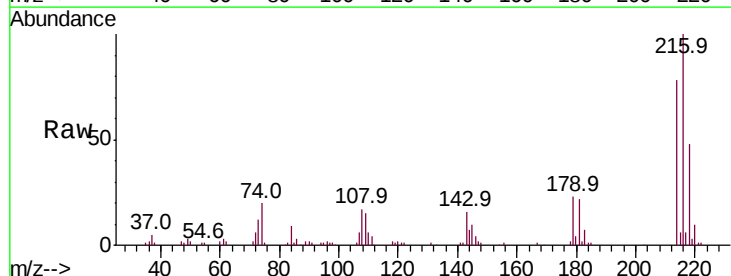
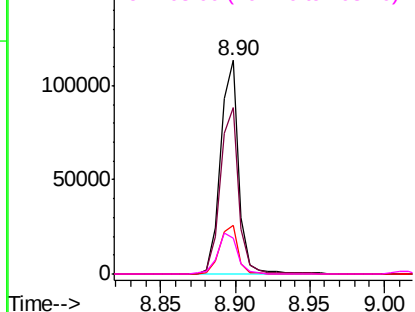
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

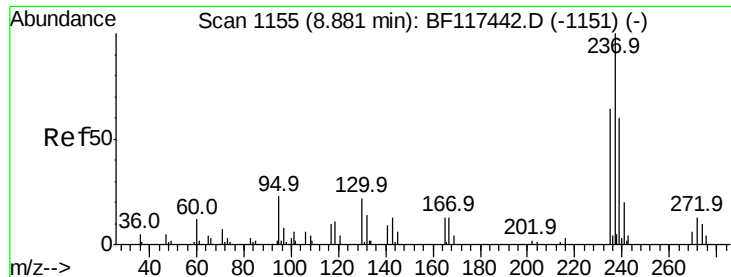


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.109 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:216 Resp: 97429
Ion Ratio Lower Upper
216 100
214 79.1 62.4 93.6
179 23.0 18.1 27.1
108 20.9 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: 29.953 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

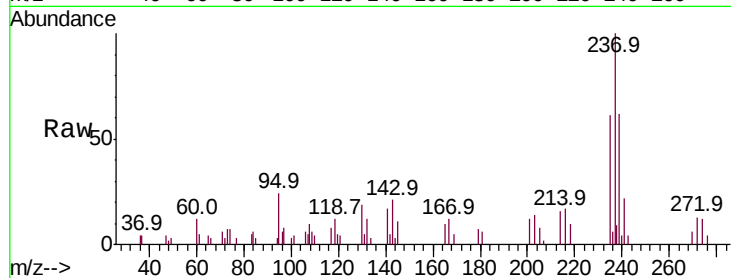
Tot Ion:237 Resp: 10901

Ion Ratio Lower Upper

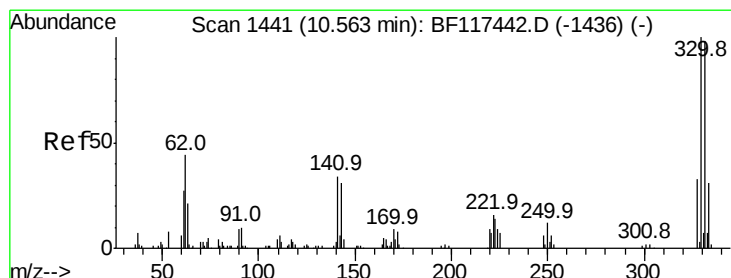
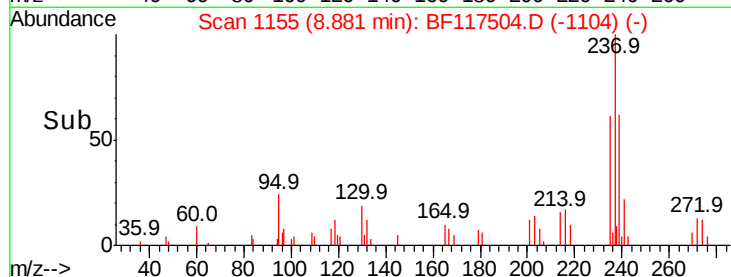
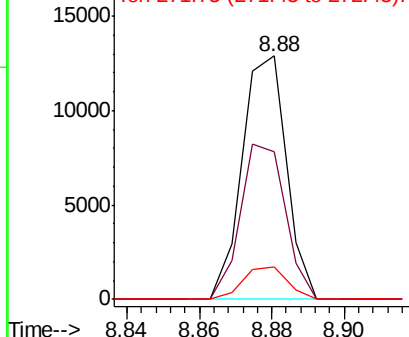
237 100

235 60.6 44.3 84.3

272 13.4 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 100.023 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

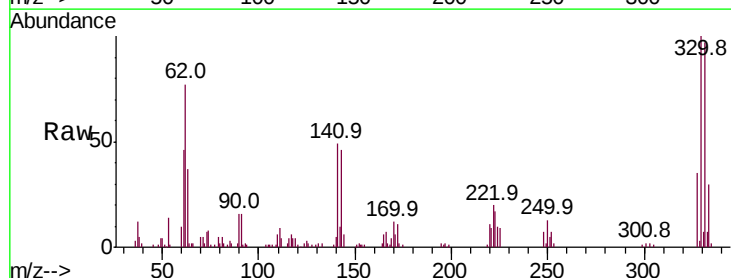
Tgt Ion:330 Resp: 72622

Ion Ratio Lower Upper

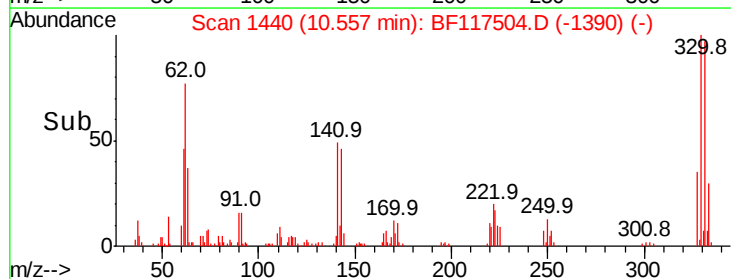
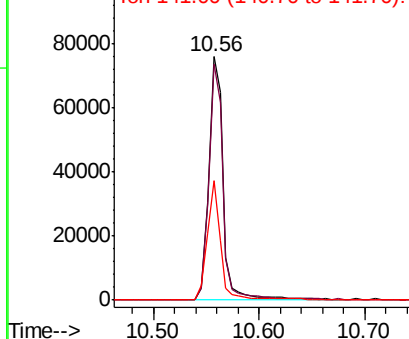
330 100

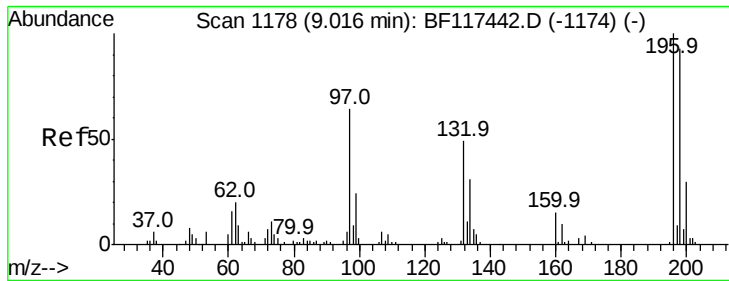
332 96.0 78.5 117.7

141 45.3 37.0 55.6



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



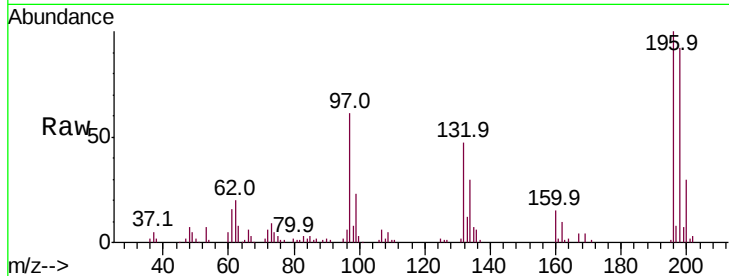


#43
 2,4,6-Trichlorophenol
 Concen: 46.745 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 66160

Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.1	111.1
200	29.9	23.9	35.9

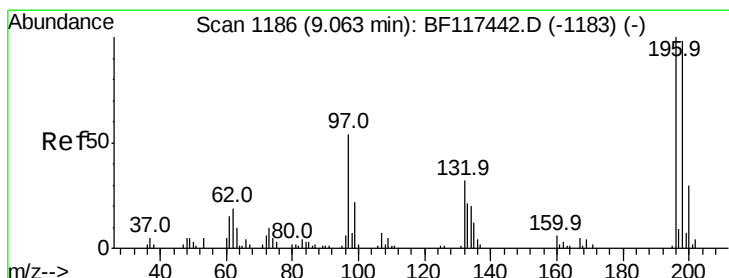
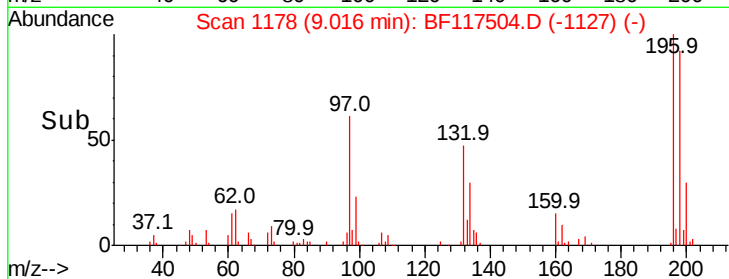
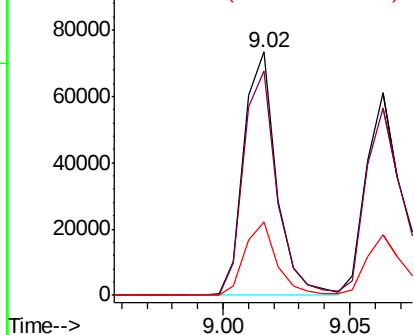


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.875 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion:196 Resp: 70096

Ion	Ratio	Lower	Upper
196	100		
198	93.0	78.6	117.8
97	56.0	43.4	65.2
132	30.7	26.0	39.0

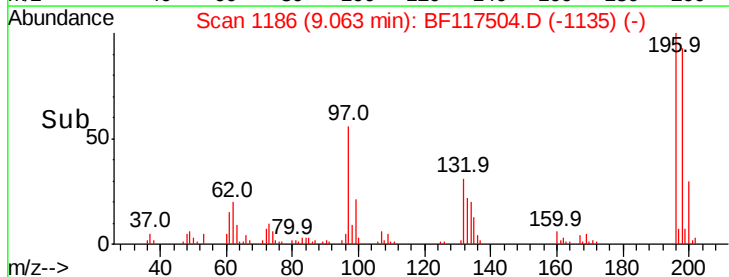
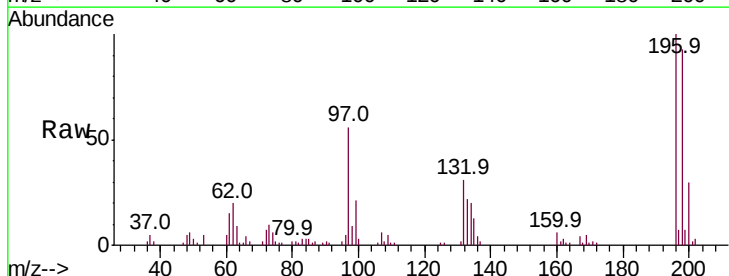
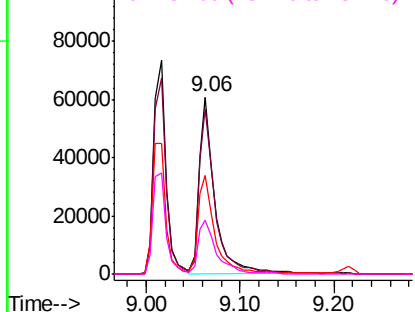
Abundance

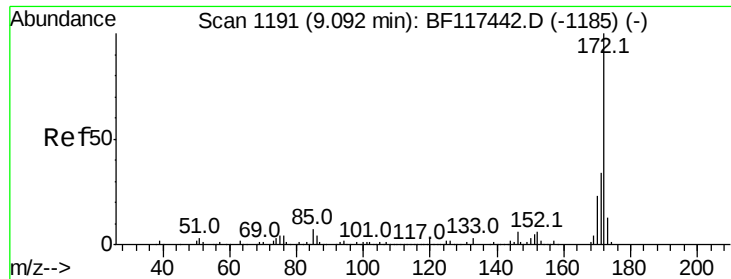
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

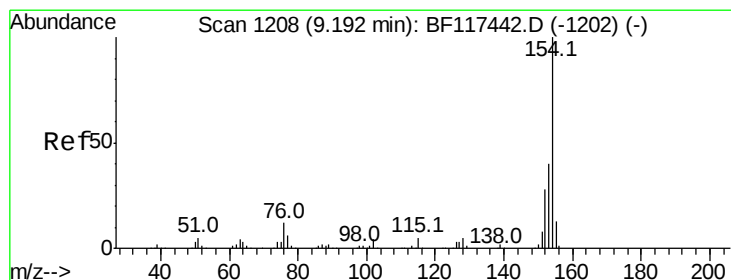
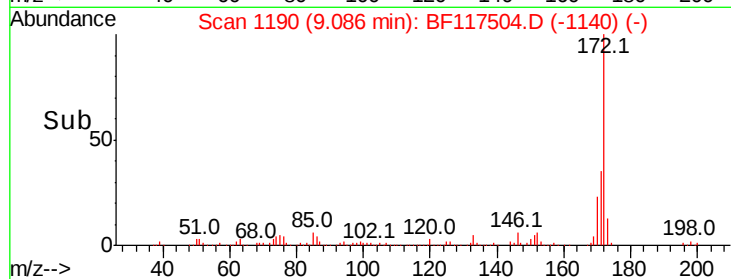
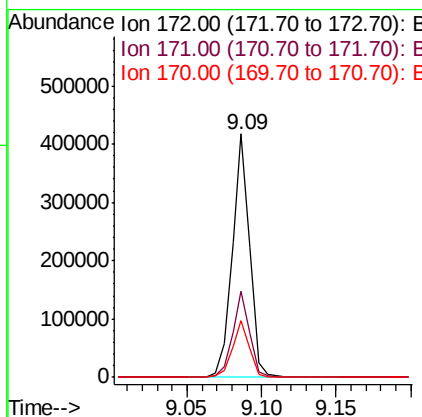
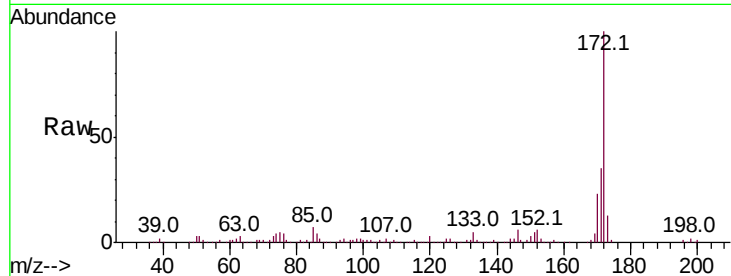




#45
2-Fluorobiphenyl
Concen: 57.658 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

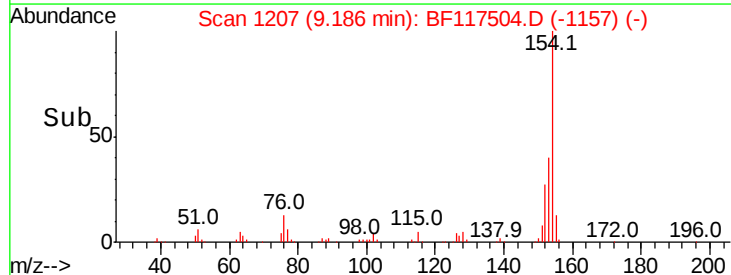
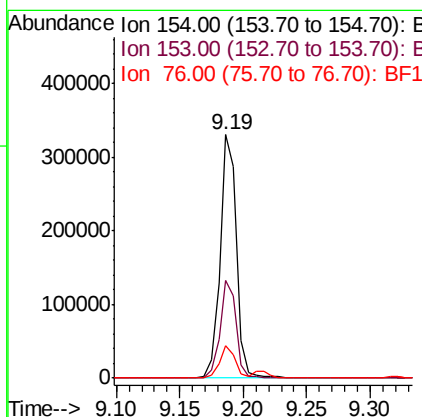
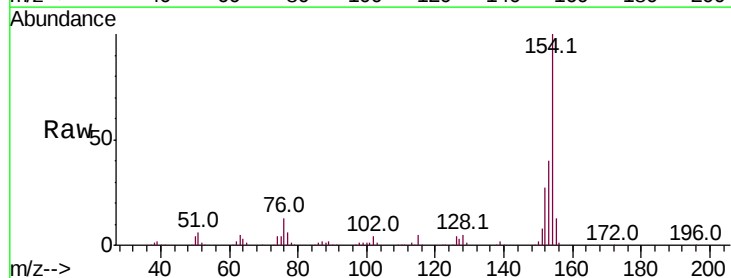
Instrument :
BNA_F
ClientSampled :

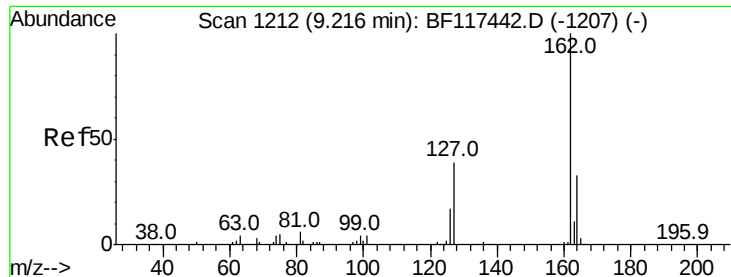
Tot Ion:172 Resp: 343383
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 43.055 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:154 Resp: 299092
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 13.4 0.0 32.1

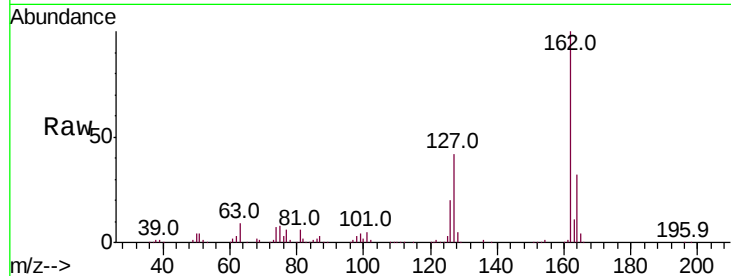




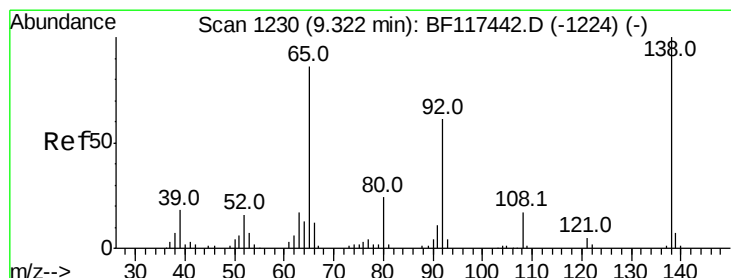
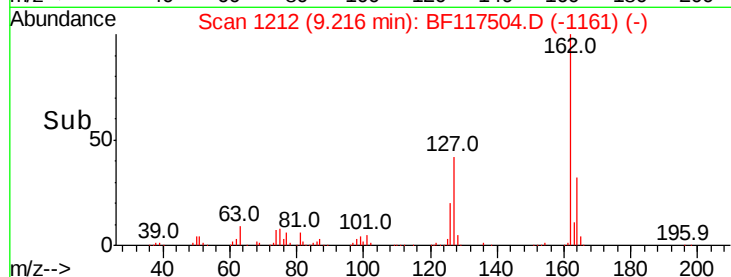
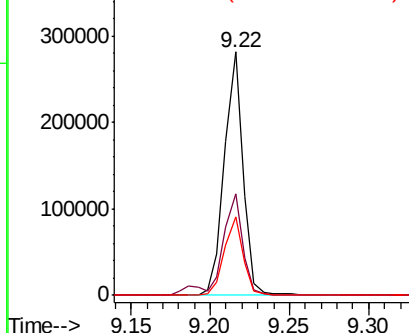
#47
2-Chloronaphthalene
Concen: 44.058 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.2	51.4
164	32.2	26.4	39.6

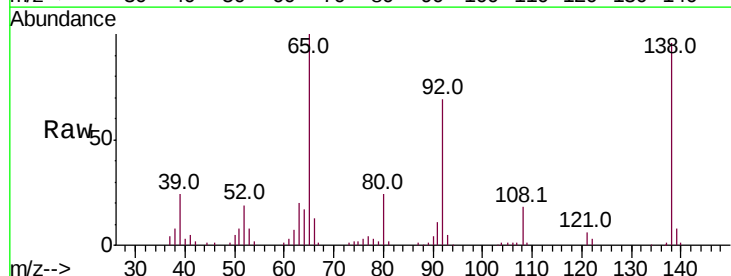


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

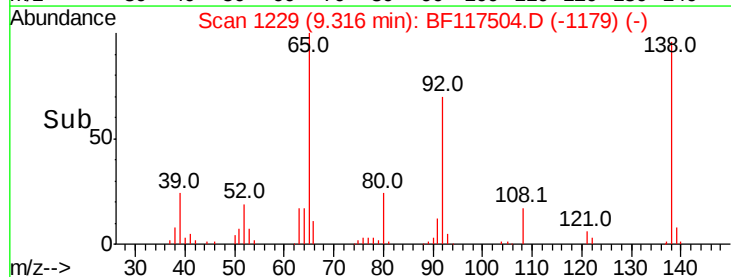
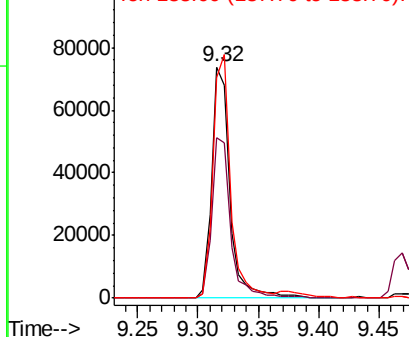


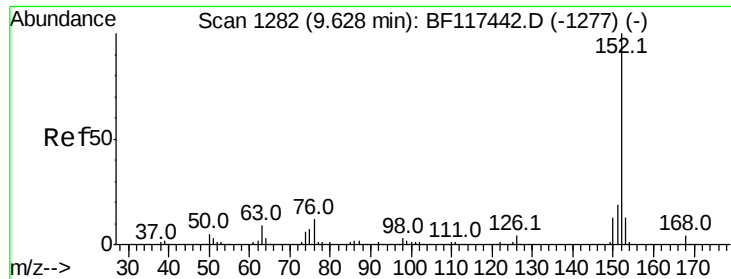
#48
2-Nitroaniline
Concen: 44.306 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	57.3	85.9
138	95.5	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: 46.725 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

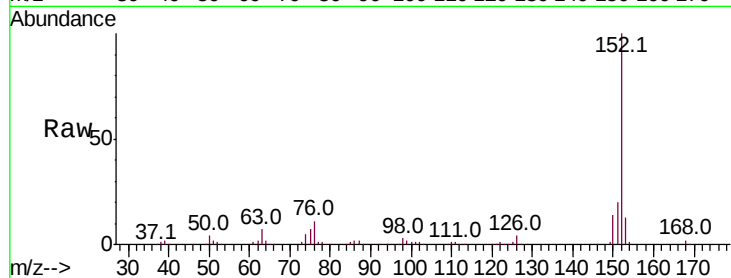
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 359477

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0
153	13.1	10.3	15.5

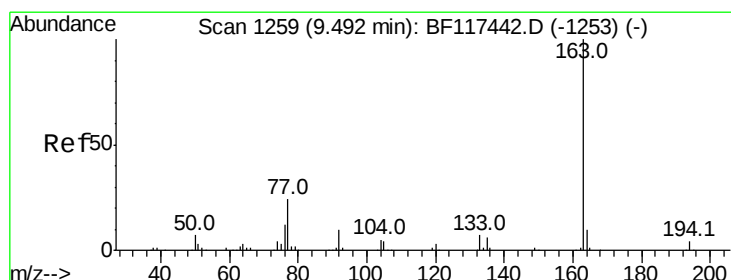
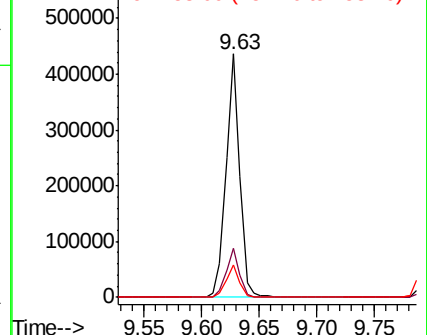
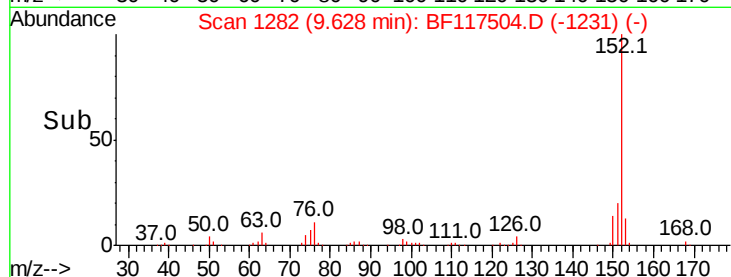


Abundance

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: 51.399 ng

RT: 9.49 min Scan# 1259

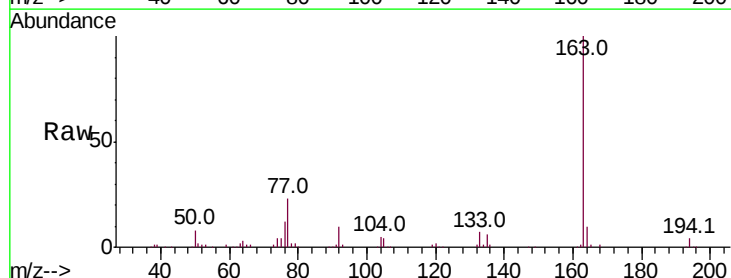
Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion:163 Resp: 307471

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.8	8.2	12.2

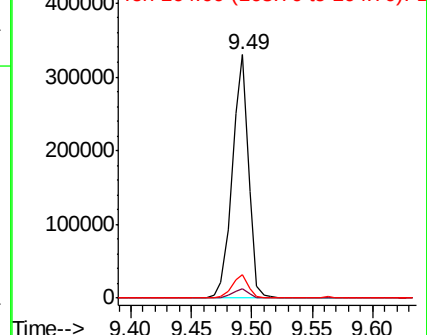
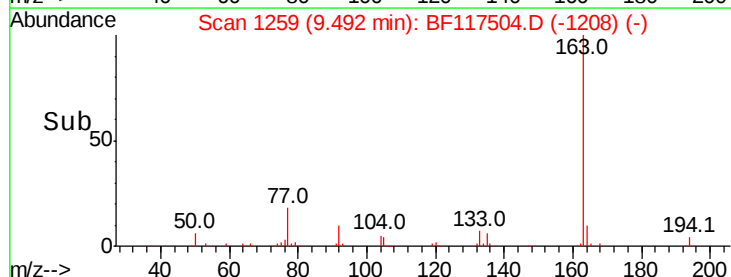


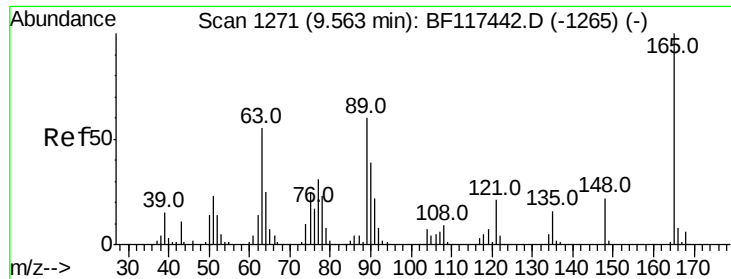
Abundance

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

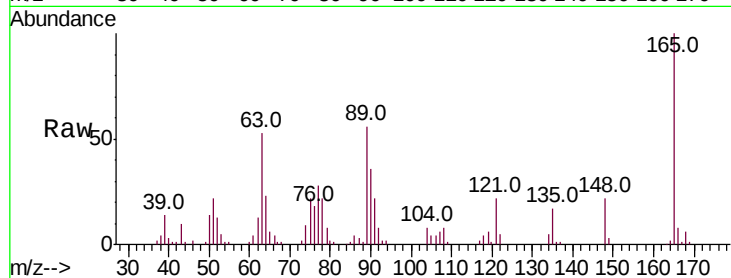




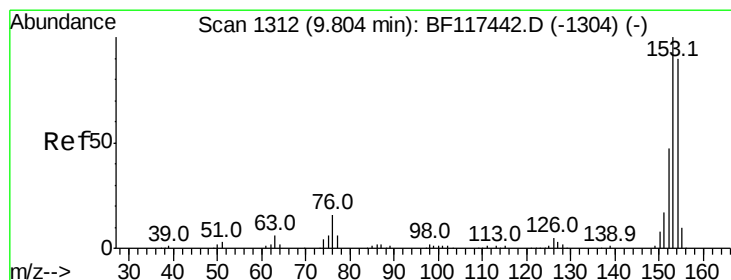
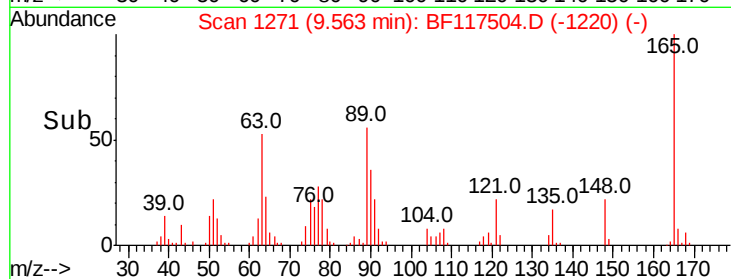
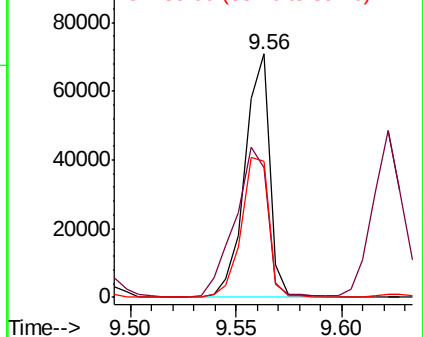
#51
2,6-Dinitrotoluene
Concen: 46.349 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	43.8	65.8
89	55.8	47.6	71.4

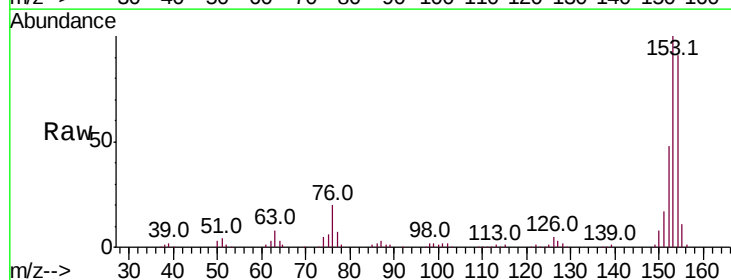


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

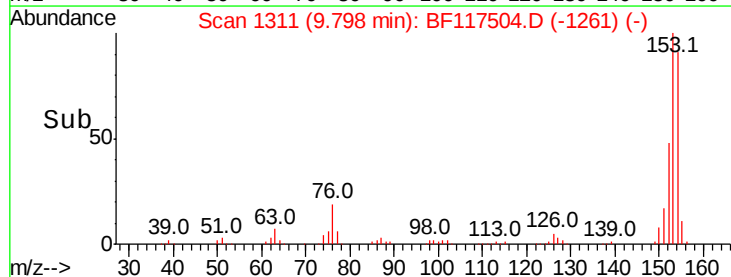
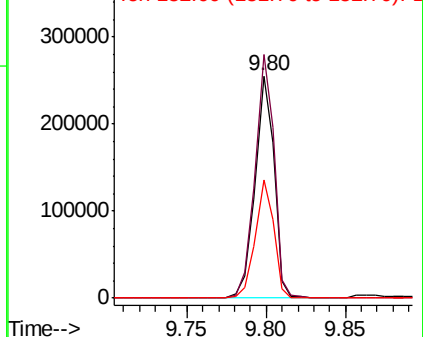


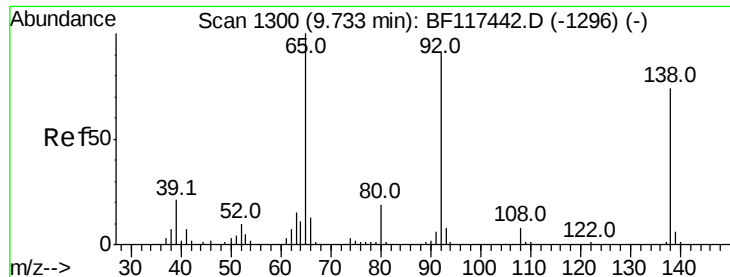
#52
Acenaphthene
Concen: 45.286 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.2	133.8
152	52.9	41.8	62.6



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

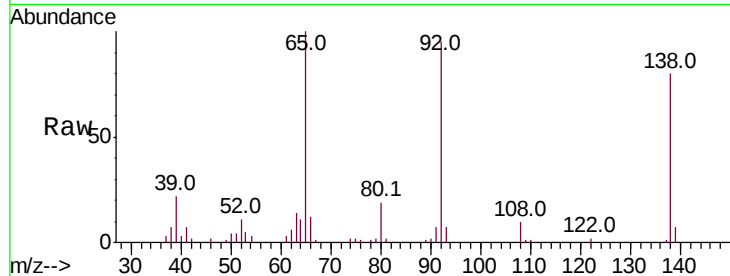




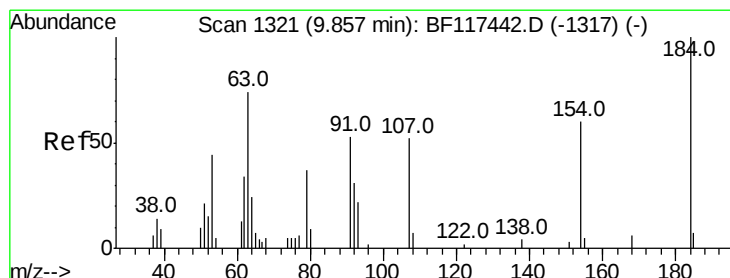
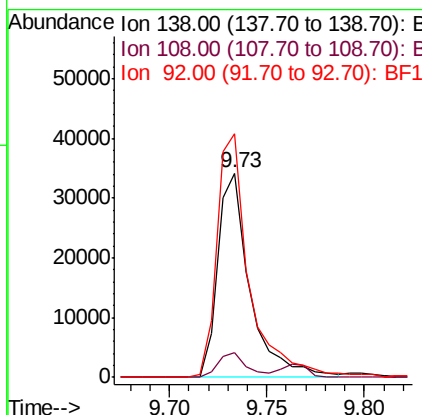
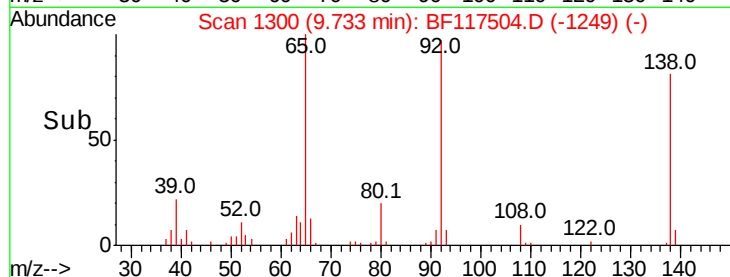
#53
3-Nitroaniline
Concen: 25.807 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 39087
Ion Ratio Lower Upper
138 100
108 12.0 8.7 13.1
92 119.1 98.4 147.6

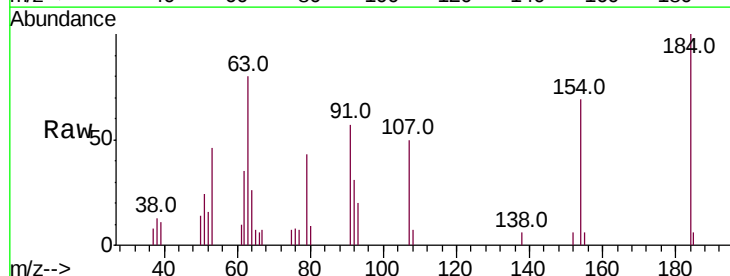


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

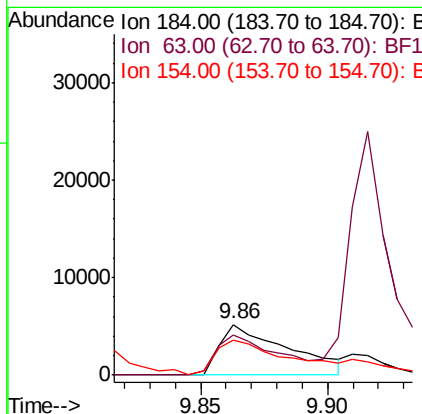
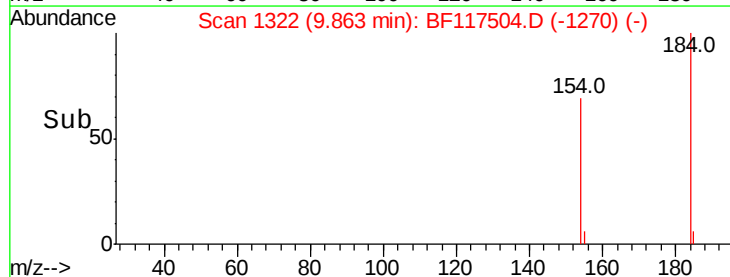


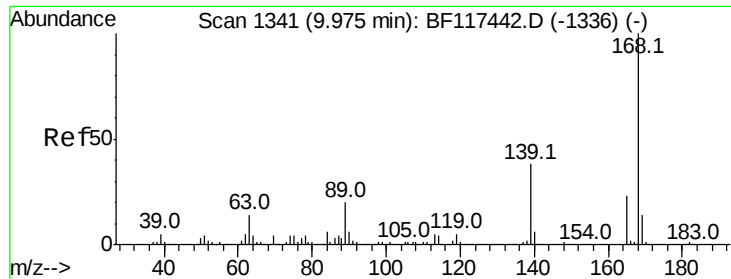
#54
2,4-Dinitrophenol
Concen: 22.047 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:184 Resp: 9600
Ion Ratio Lower Upper
184 100
63 79.8 59.2 88.8
154 69.3 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

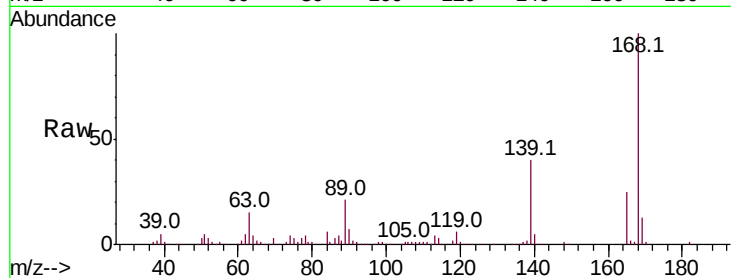




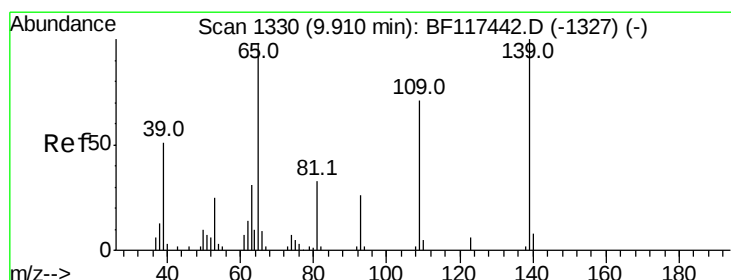
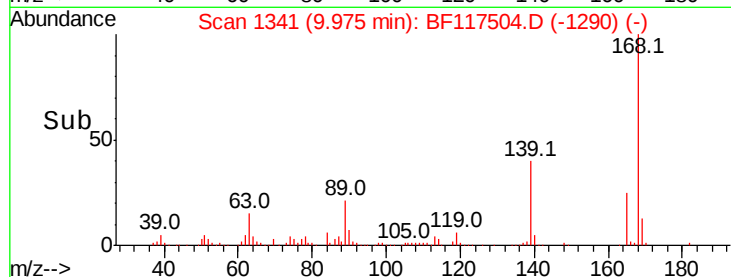
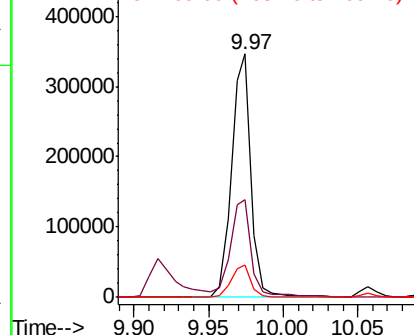
#55
Dibenzenofuran
Concen: 46.641 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.8	47.6
169	13.4	11.2	16.8

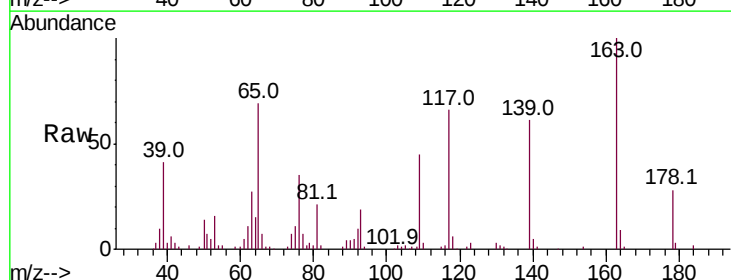


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

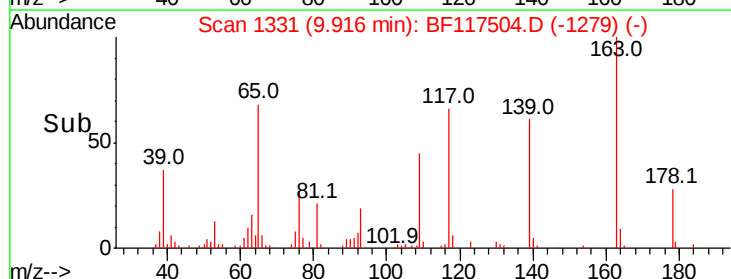
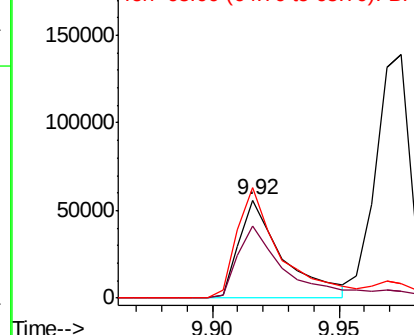


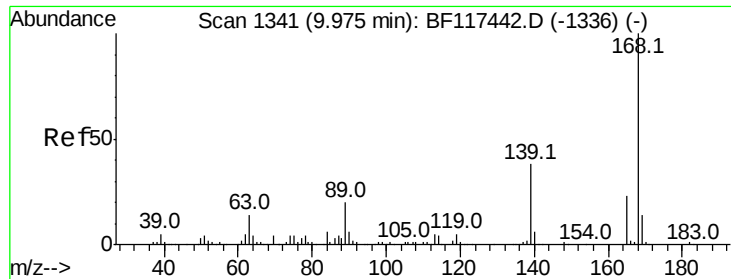
#56
4-Nitrophenol
Concen: 95.874 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	51.4	91.4
65	112.2	79.4	119.4



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

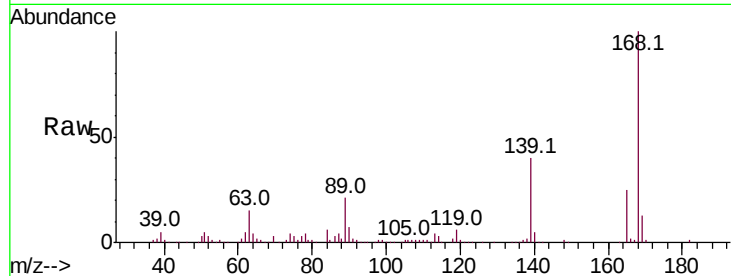




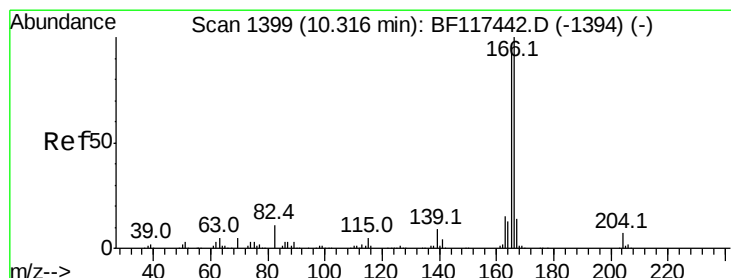
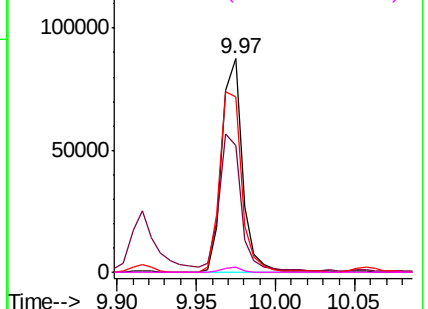
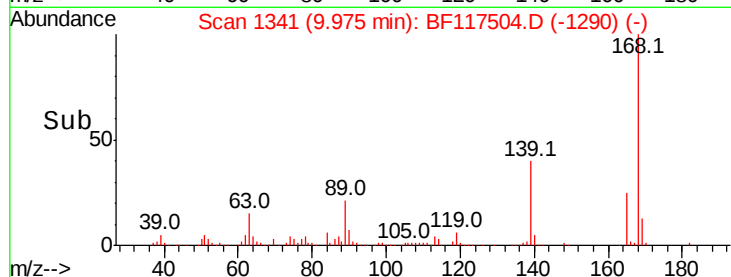
#57
2,4-Dinitrotoluene
Concen: 47.422 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 78704
Ion Ratio Lower Upper
165 100
63 59.4 51.4 77.0
89 82.1 69.9 104.9
182 2.4 1.9 2.9

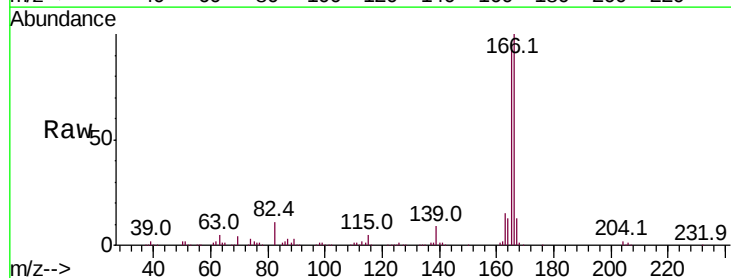


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

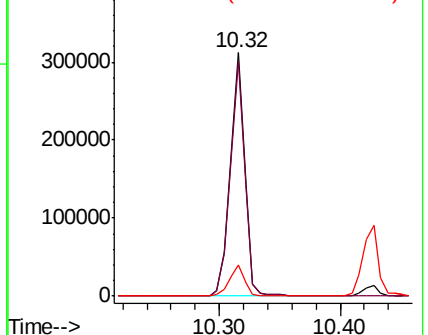
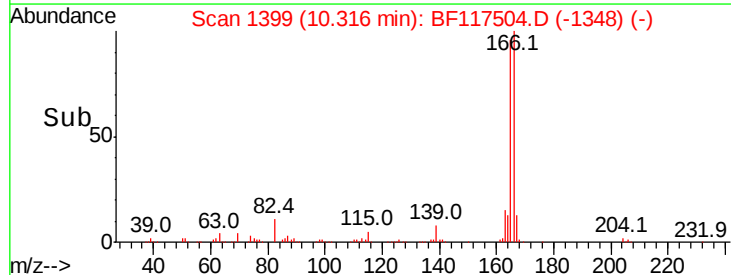


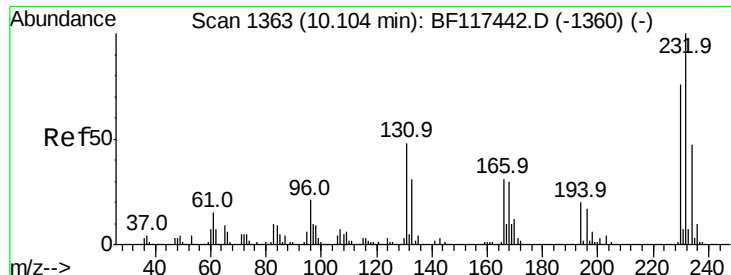
#58
Fluorene
Concen: 46.604 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:166 Resp: 263552
Ion Ratio Lower Upper
166 100
165 96.2 77.6 116.4
167 12.8 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

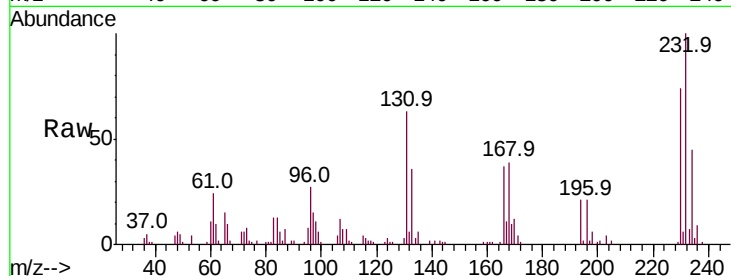




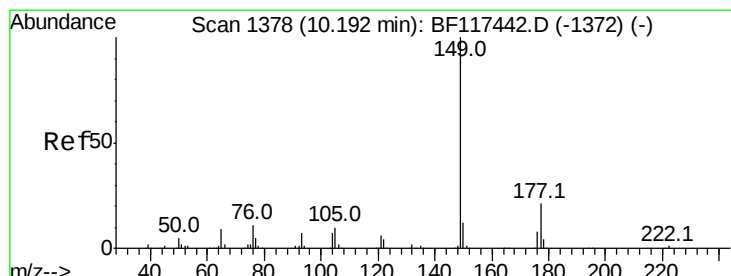
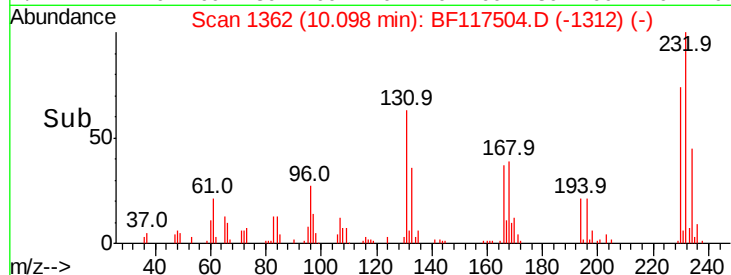
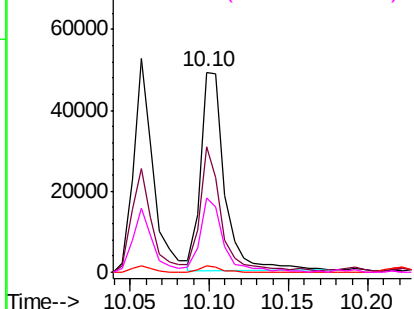
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.138 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 53134
 Ion Ratio Lower Upper
 232 100
 131 55.7 42.6 63.8
 130 3.0 2.2 3.4
 166 36.5 27.5 41.3

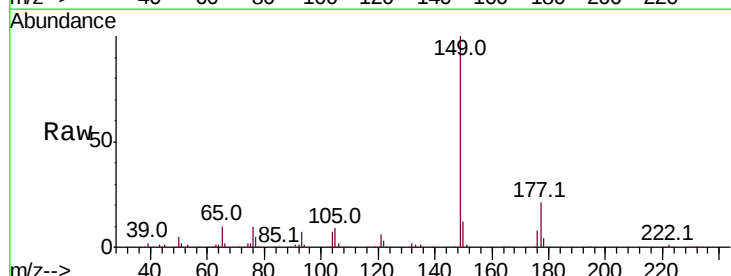


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

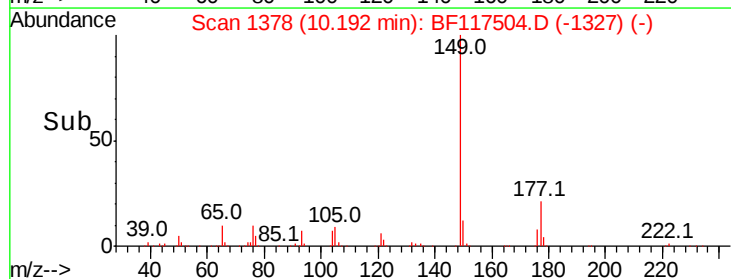
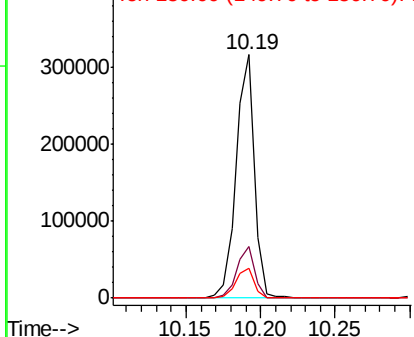


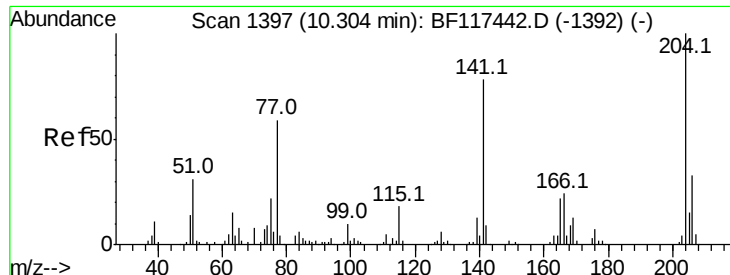
#60
 Diethylphthalate
 Concen: 45.105 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion:149 Resp: 272914
 Ion Ratio Lower Upper
 149 100
 177 21.2 17.0 25.4
 150 12.2 9.8 14.6



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

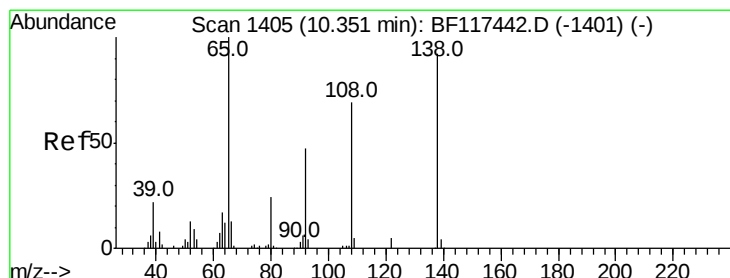
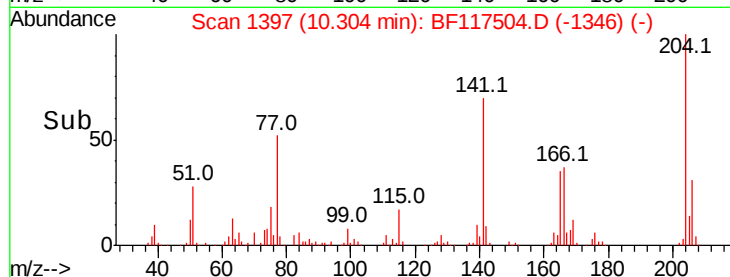
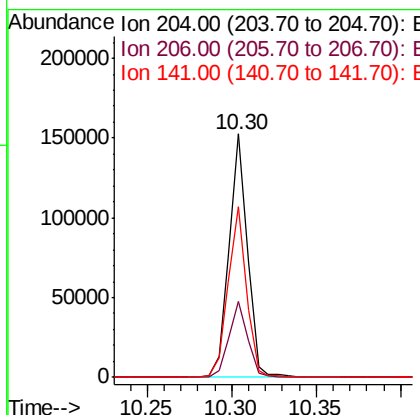
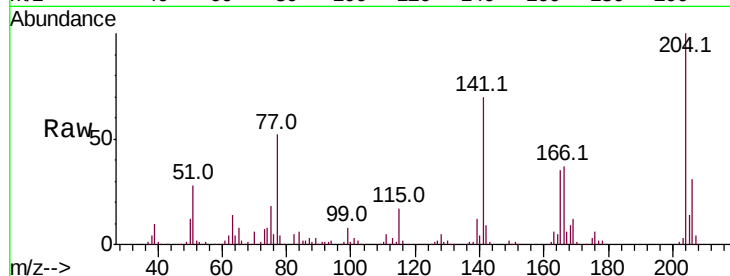




#61
 4-Chlorophenyl-phenylether
 Concen: 45.337 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

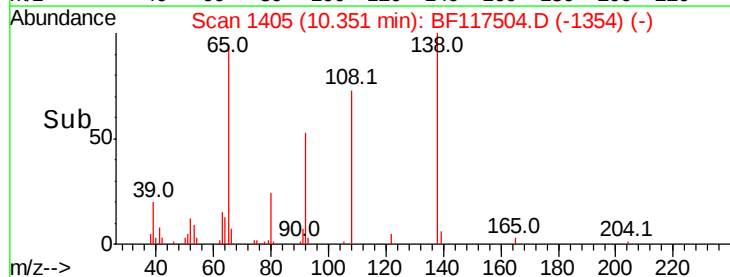
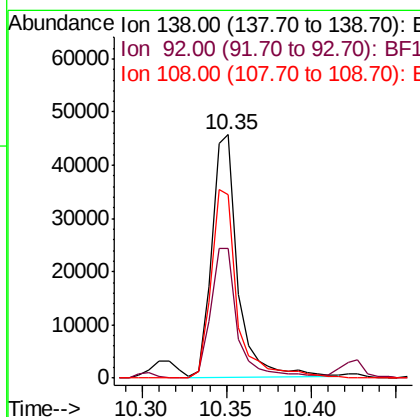
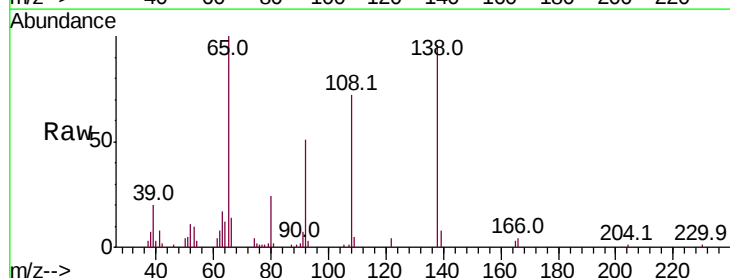
Instrument :
 BNA_F
 ClientSampleId :

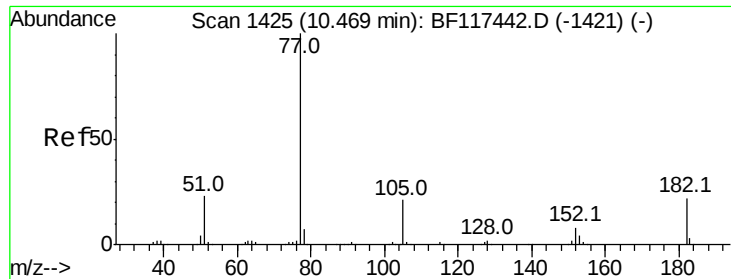
Tot Ion:204 Resp: 115029
 Ion Ratio Lower Upper
 204 100
 206 31.1 26.3 39.5
 141 70.0 62.2 93.4



#62
 4-Nitroaniline
 Concen: 34.444 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion:138 Resp: 49173
 Ion Ratio Lower Upper
 138 100
 92 53.4 30.3 70.3
 108 75.4 54.9 94.9

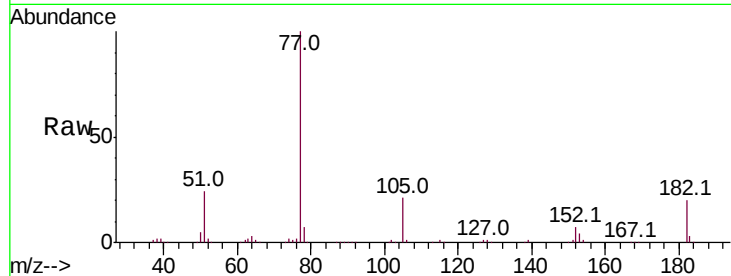




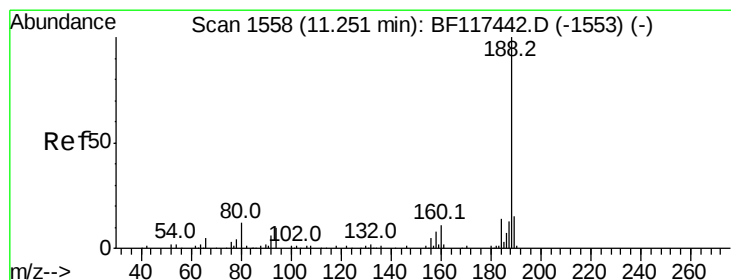
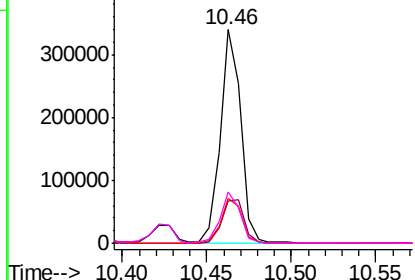
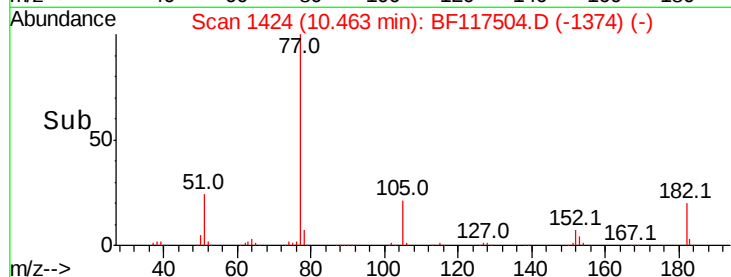
#63
Azobenzene
Concen: 46.266 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	19.7	2.3	42.3
105	21.1	1.3	41.3
51	24.2	3.5	43.5

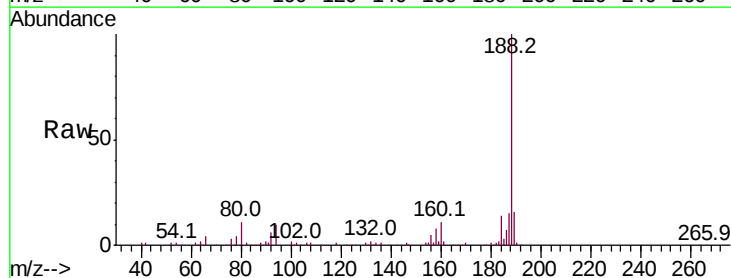


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

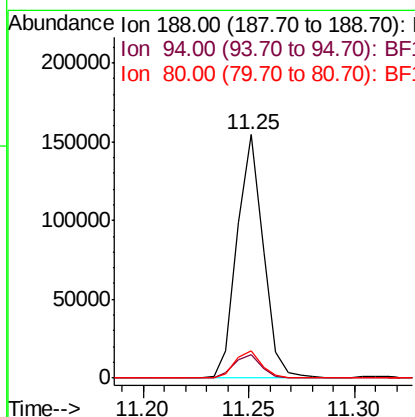
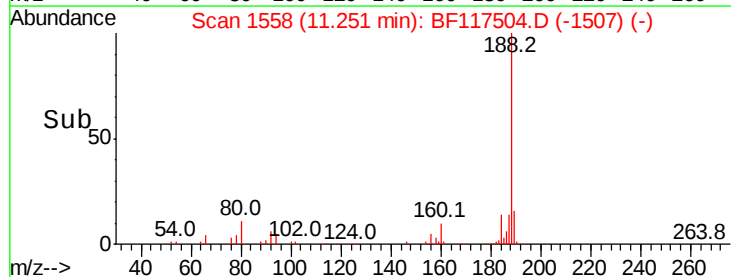


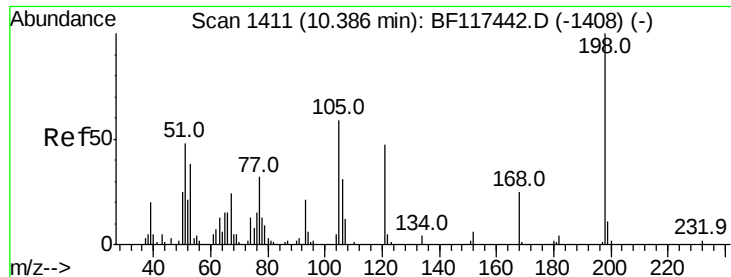
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	11.3	9.5	14.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 15.200 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

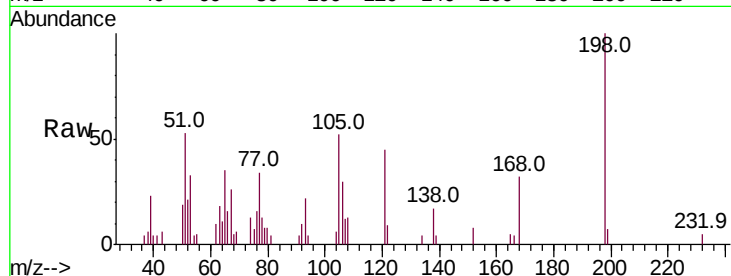
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 10224

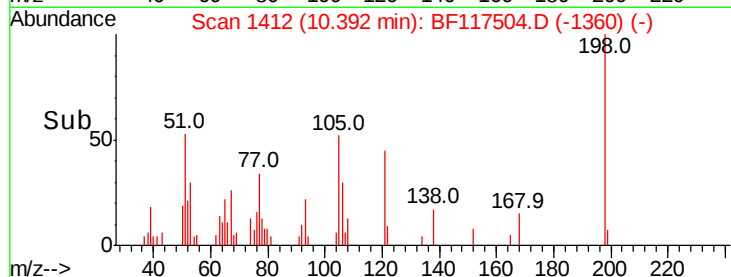
Ion	Ratio	Lower	Upper
198	100		
51	52.9	29.1	69.1
105	51.9	39.4	79.4



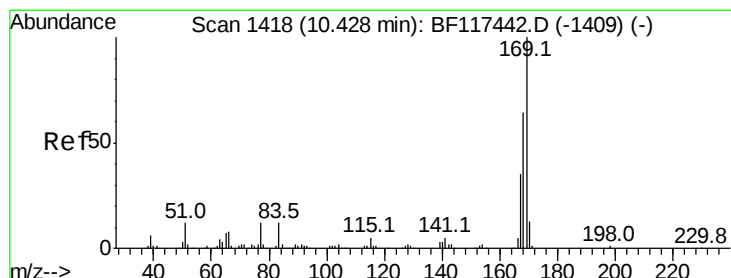
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.863 ng

RT: 10.43 min Scan# 1418

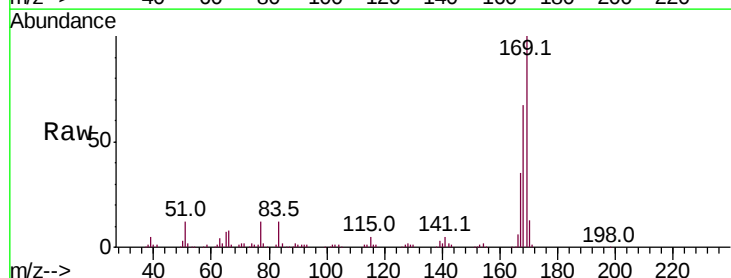
Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion:169 Resp: 226652

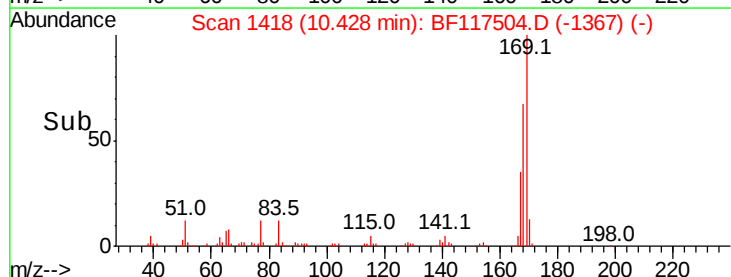
Ion	Ratio	Lower	Upper
169	100		
168	67.3	51.3	76.9
167	35.5	28.2	42.4



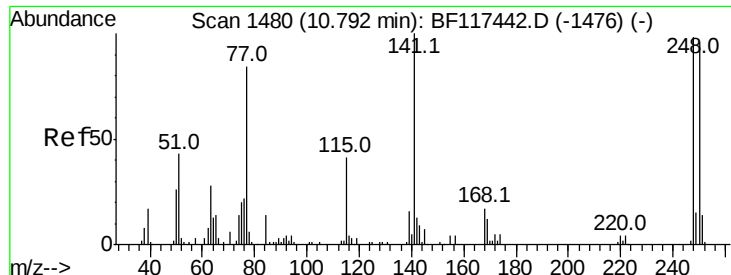
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



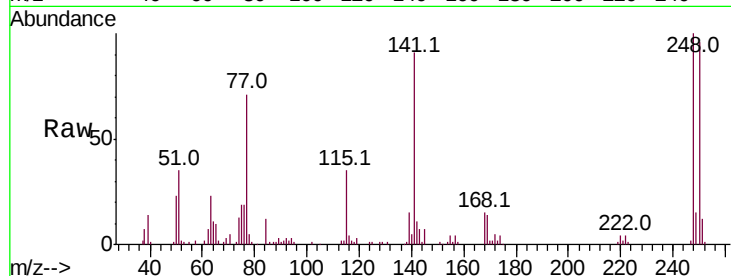
Time-->



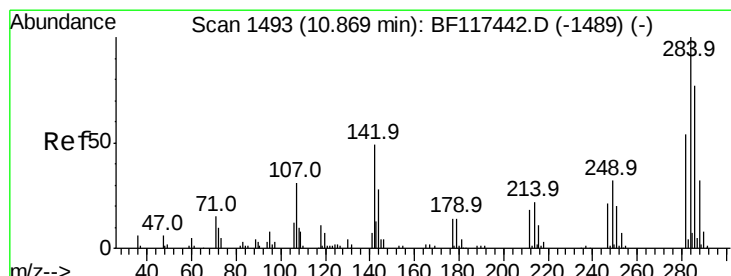
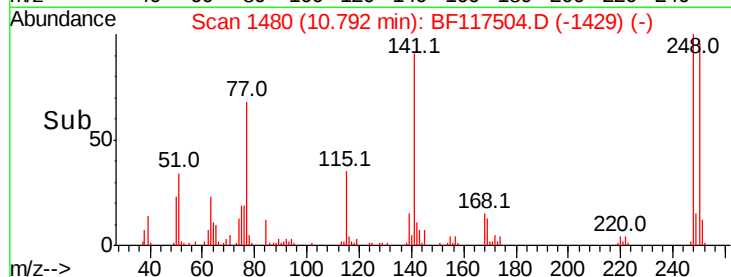
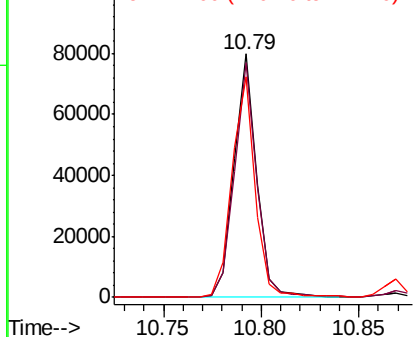
#67
4-Bromophenyl-phenylether
Concen: 44.795 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 63832
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 90.6 81.7 122.5

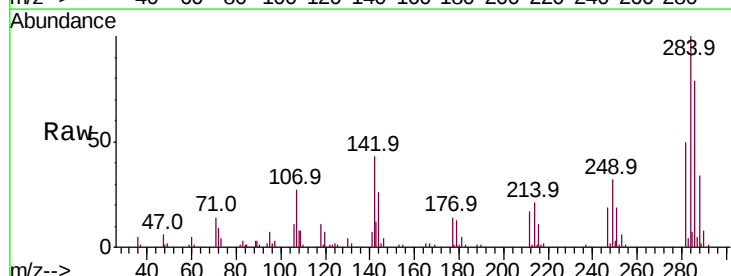


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

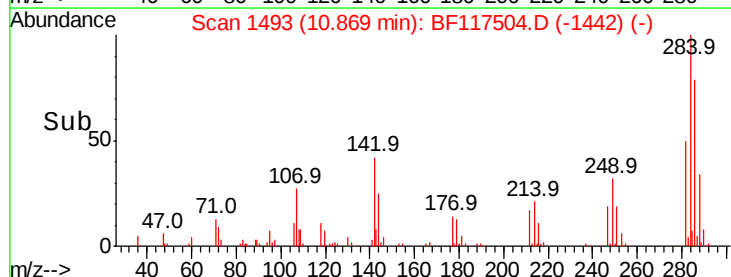
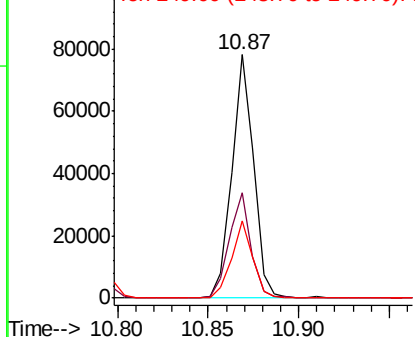


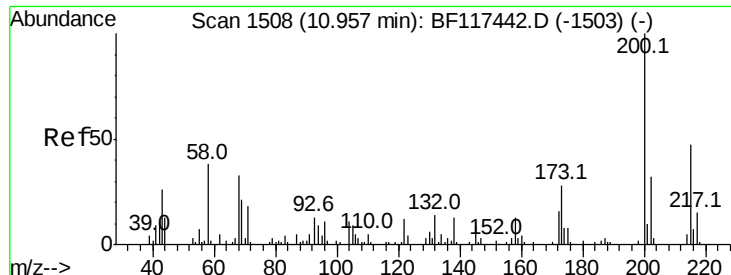
#68
Hexachlorobenzene
Concen: 43.177 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:284 Resp: 65892
Ion Ratio Lower Upper
284 100
142 43.2 39.0 58.6
249 31.5 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

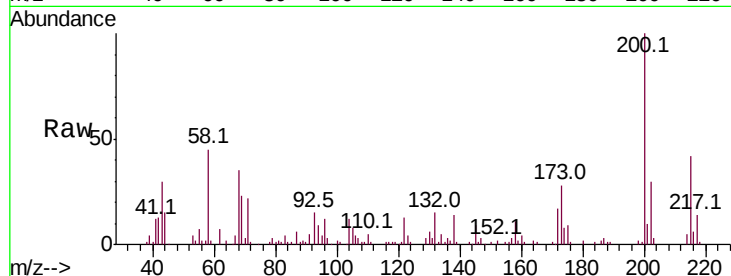




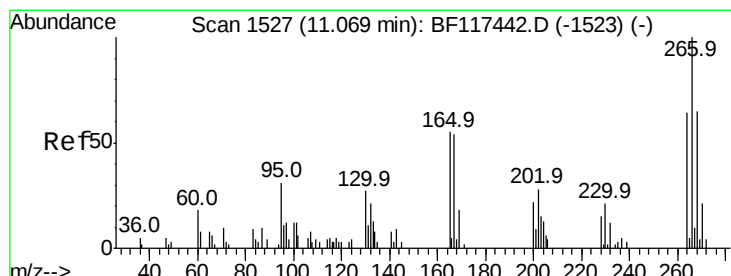
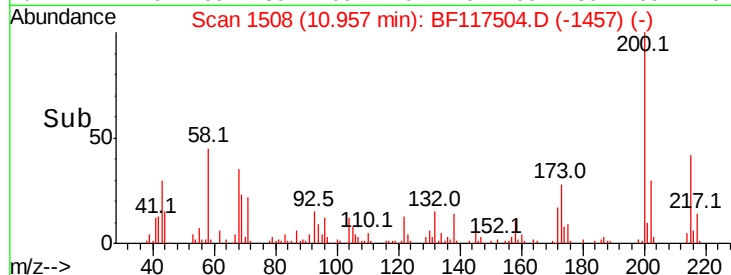
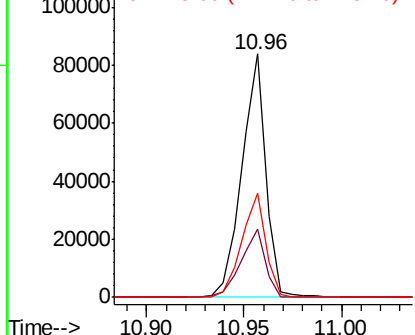
#69
 Atrazine
 Concen: 57.793 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 71115
 Ion Ratio Lower Upper
 200 100
 173 28.2 8.2 48.2
 215 42.5 26.8 66.8

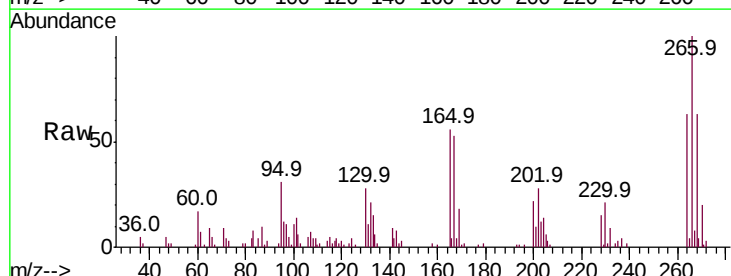


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

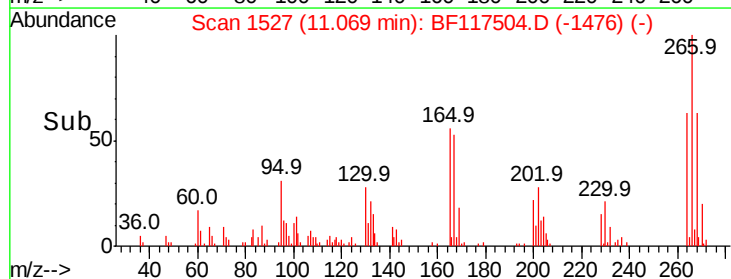
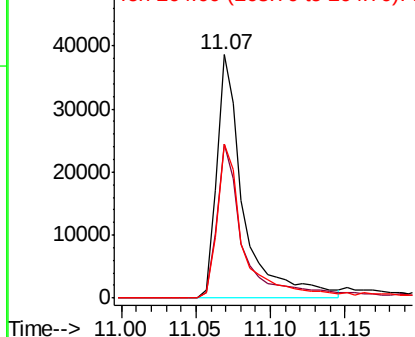


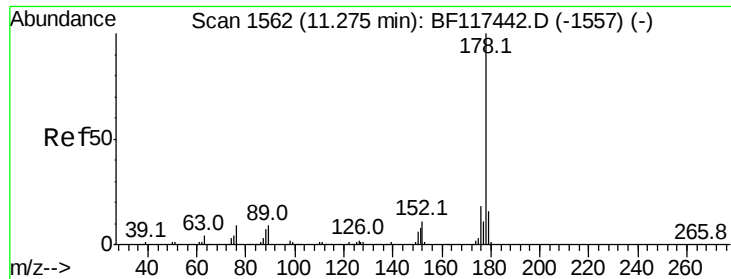
#70
 Pentachlorophenol
 Concen: 106.400 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion:266 Resp: 48677
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.6 77.4
 264 63.3 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.149 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

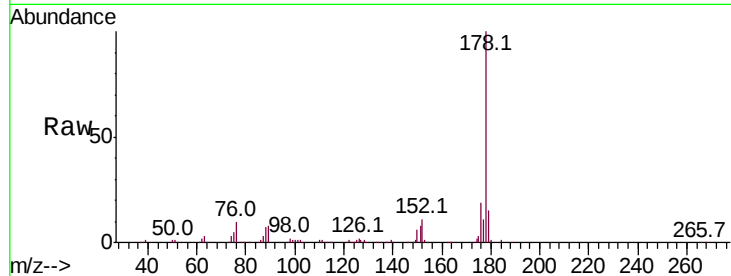
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 362199

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	12.6	19.0

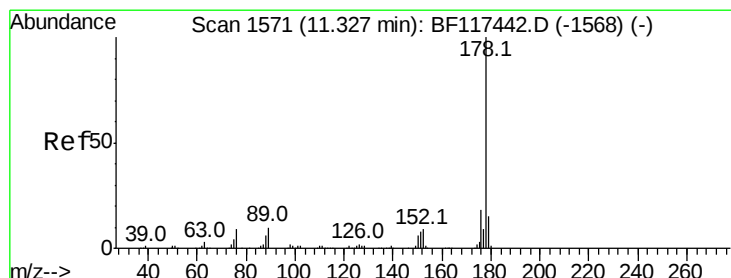
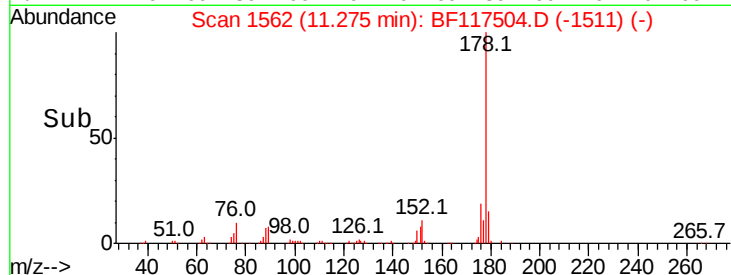
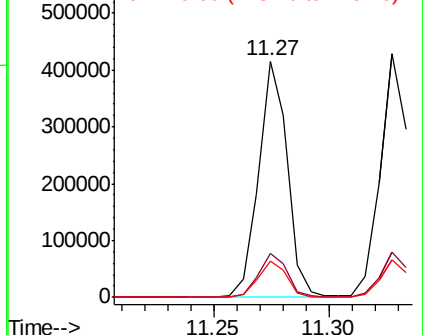


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.758 ng

RT: 11.33 min Scan# 1571

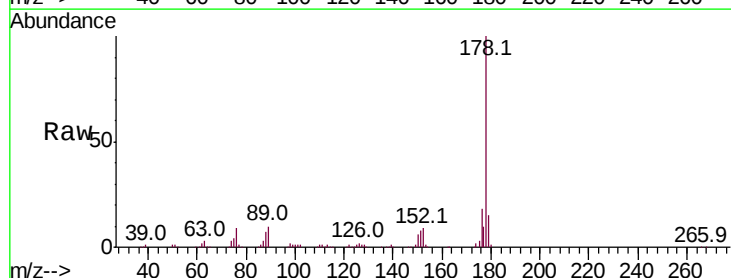
Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion:178 Resp: 376431

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.2	18.2

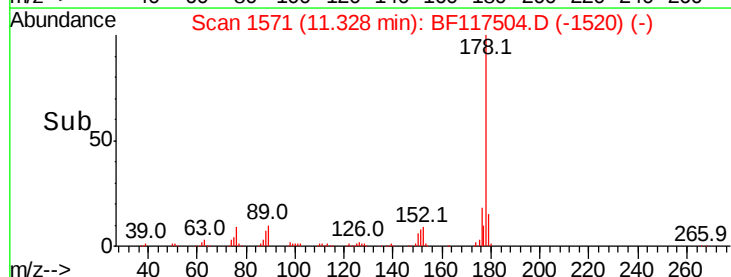
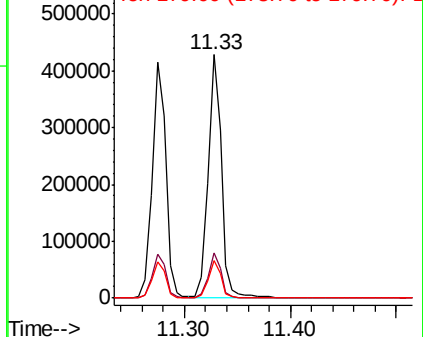


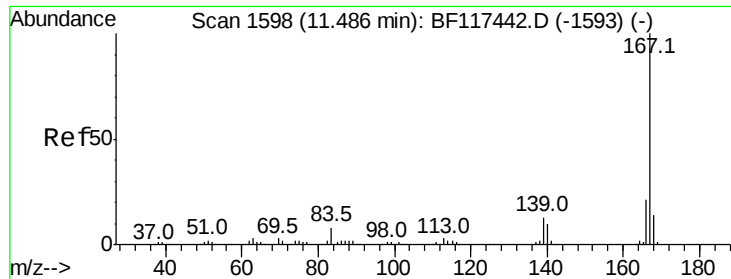
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

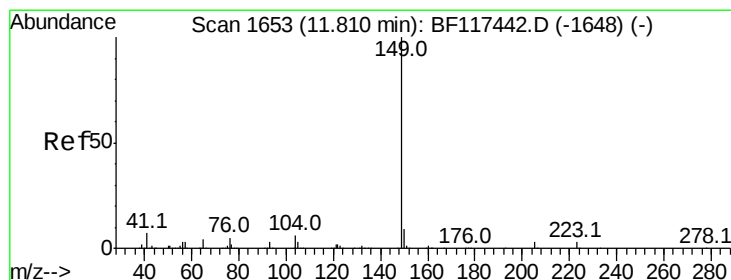
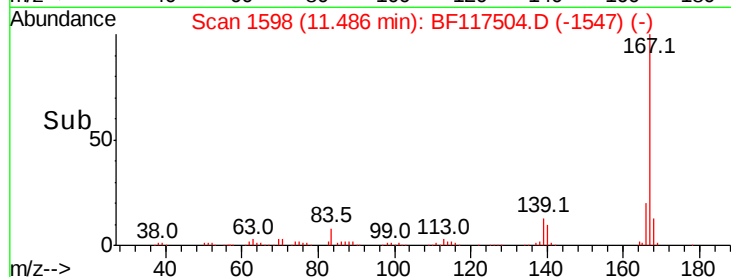
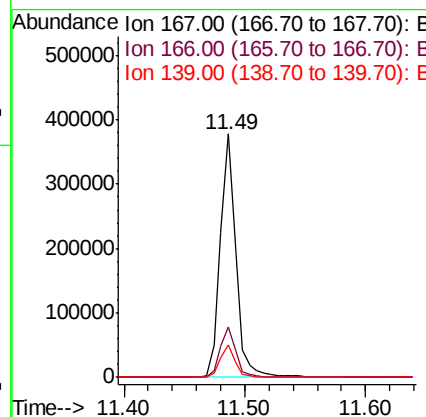
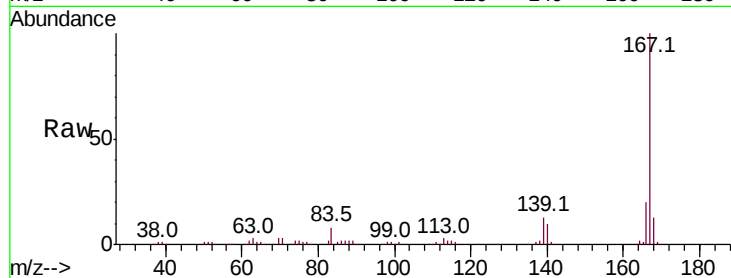




#73
 Carbazole
 Concen: 46.487 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

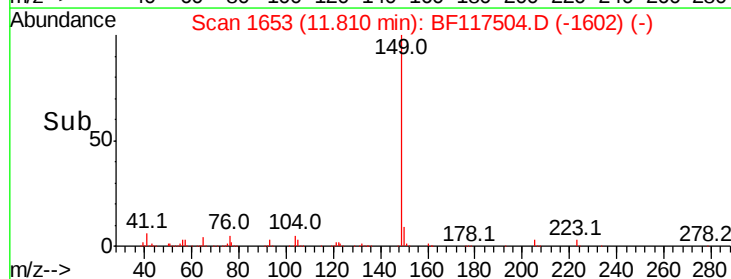
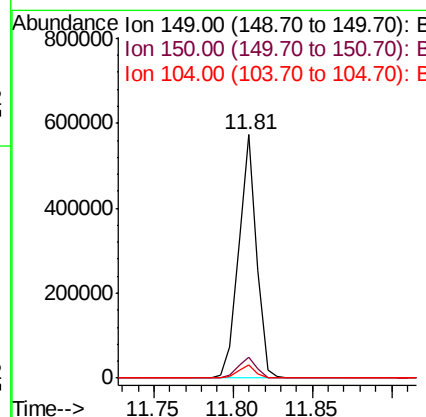
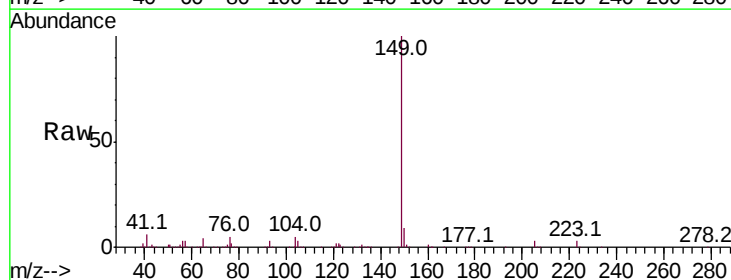
Instrument :
 BNA_F
 ClientSampleId :

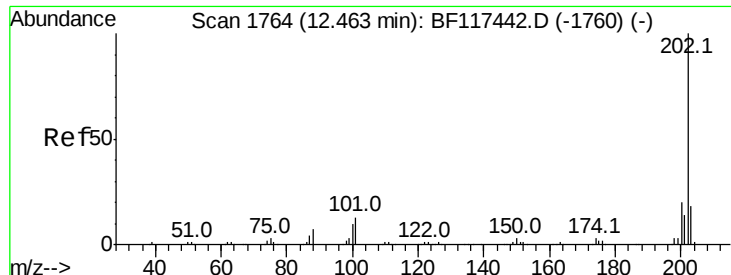
Tot Ion:167 Resp: 334859
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.0 25.6
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.481 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion:149 Resp: 447374
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.2 4.6 6.8

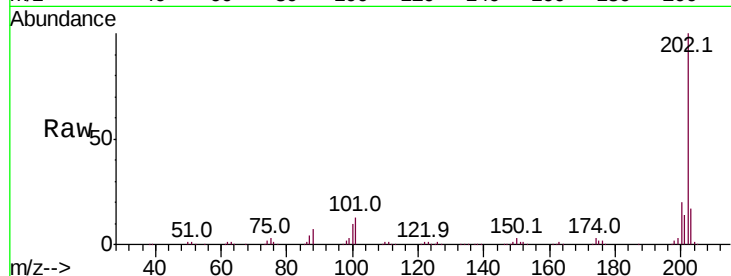




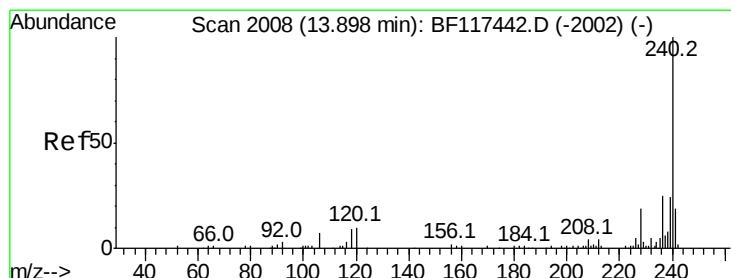
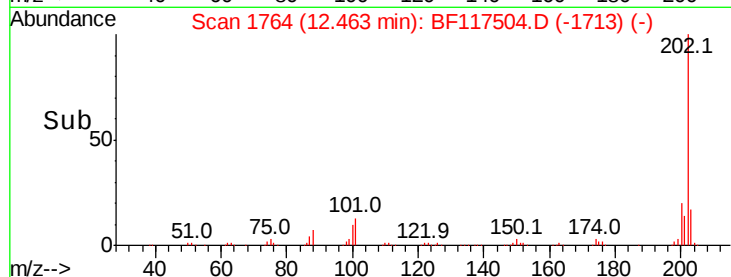
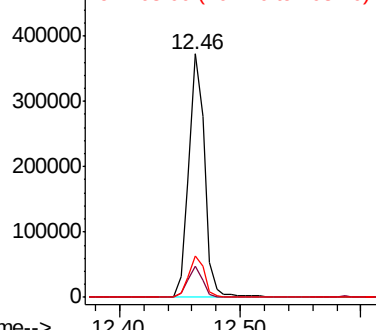
#75
 Fluoranthene
 Concen: 43.507 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.7
203	16.8	0.0	37.6

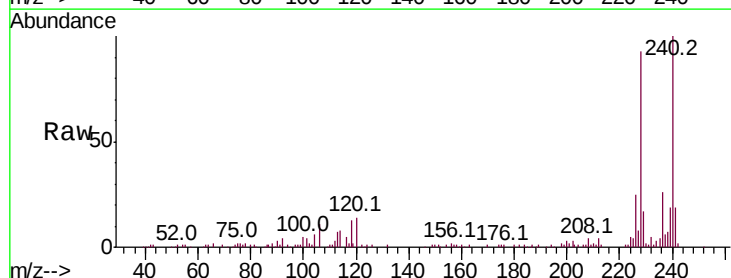


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

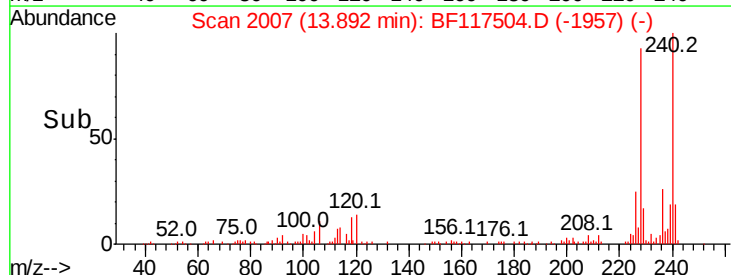
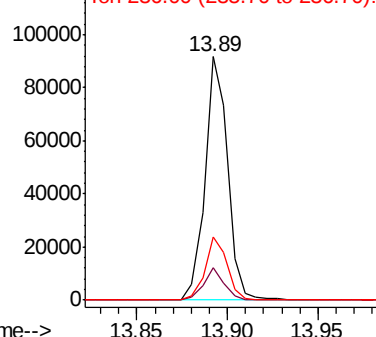


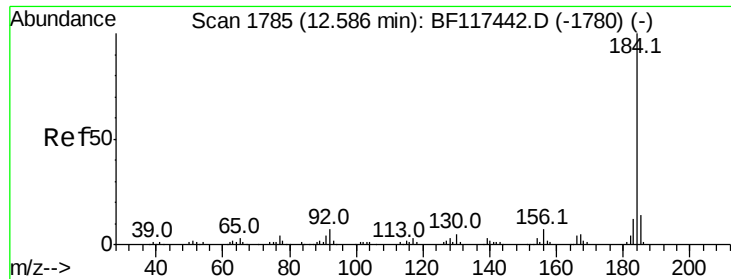
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.4	12.6#
236	25.8	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

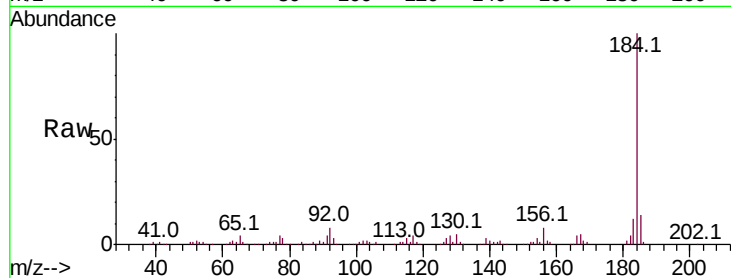
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 236693

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.0
183	11.5	9.6	14.4

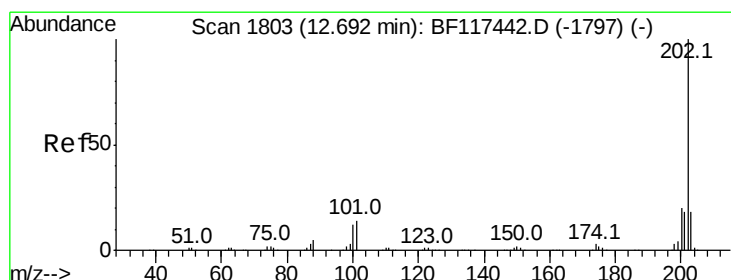
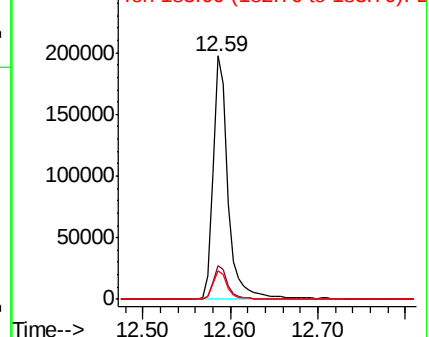
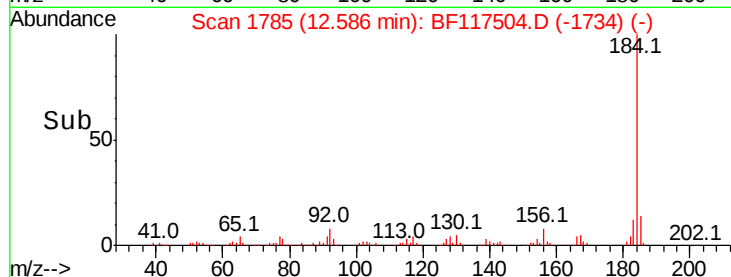


Abundance

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: 47.710 ng

RT: 12.69 min Scan# 1803

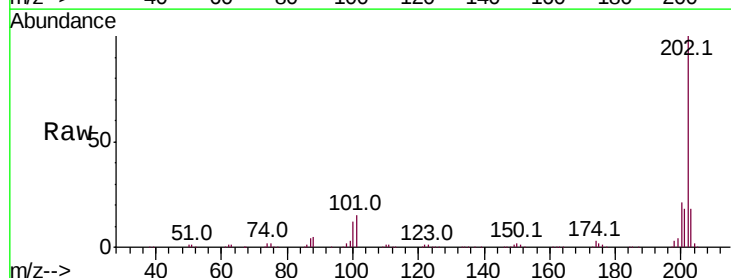
Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Tgt Ion:202 Resp: 325868

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.2	24.2
203	18.5	14.0	21.0

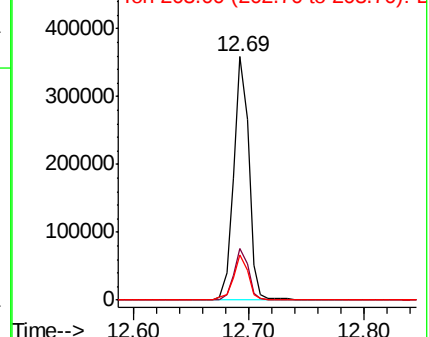
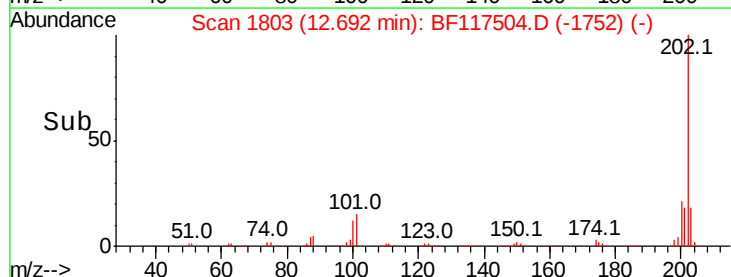


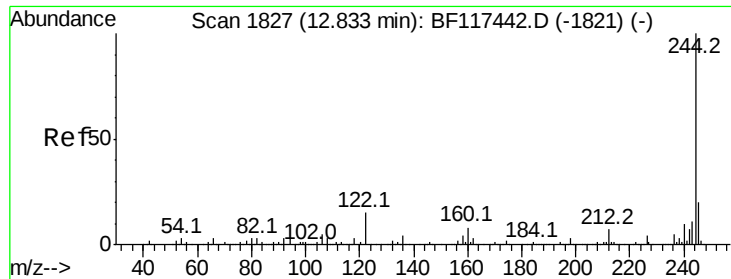
Abundance

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

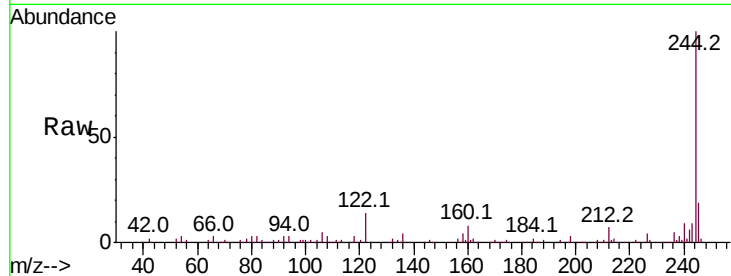




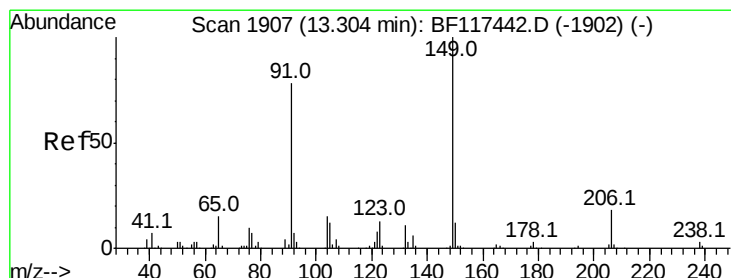
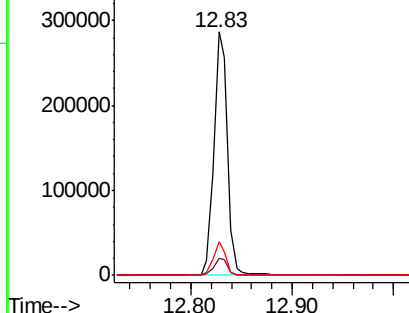
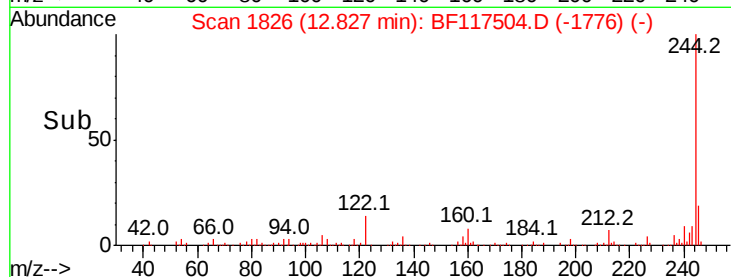
#79
 Terphenyl-d14
 Concen: 54.966 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	14.0	11.8	17.8

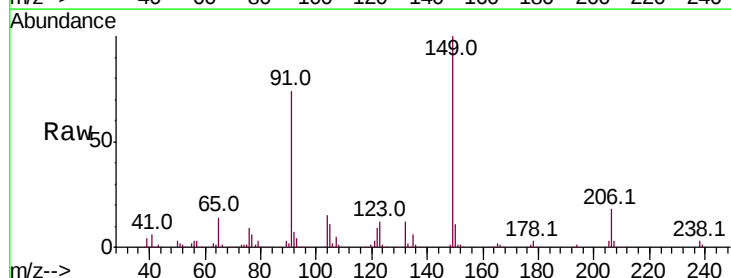


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

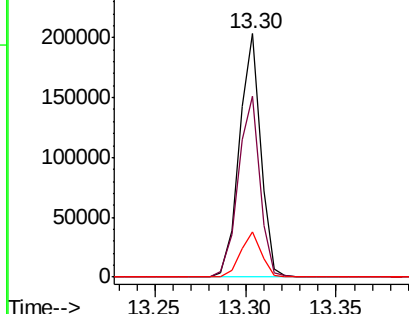
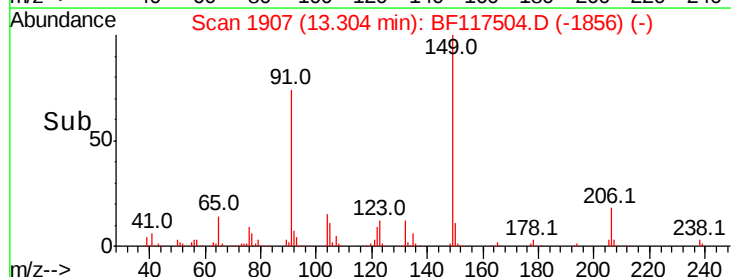


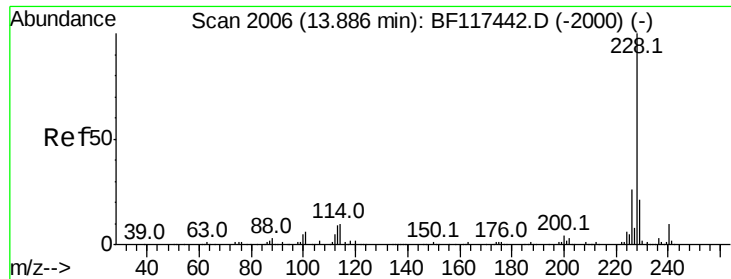
#80
 Butylbenzylphthalate
 Concen: 48.960 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117504.D
 Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	62.1	93.1
206	18.4	14.3	21.5



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





#81

Benzo(a)anthracene

Concen: 46.467 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

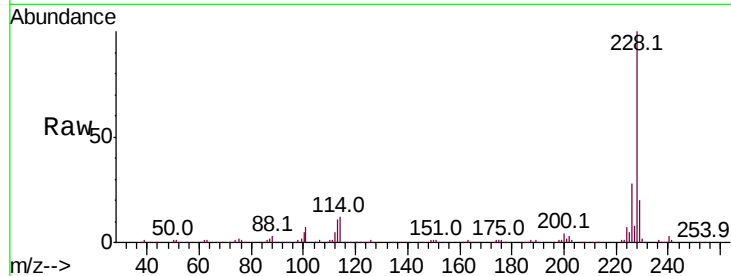
Tot Ion:228 Resp: 249241

Ion Ratio Lower Upper

228 100

226 28.2 21.0 31.4

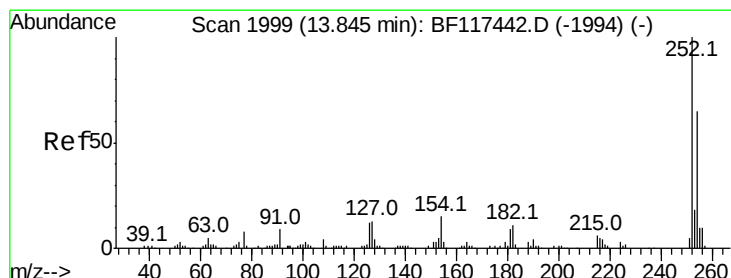
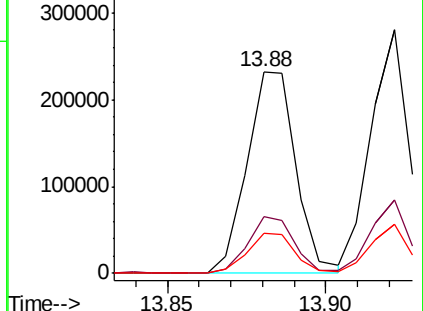
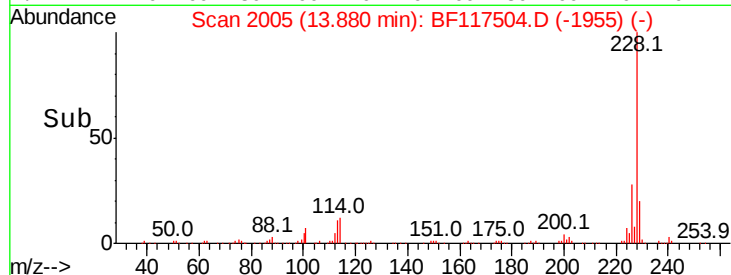
229 19.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 48.564 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

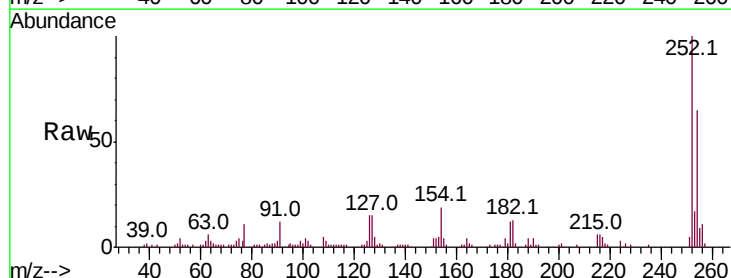
Tgt Ion:252 Resp: 81741

Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.4

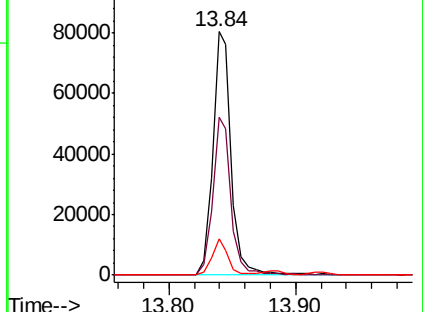
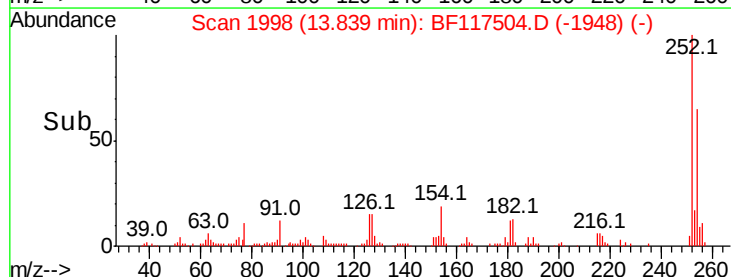
126 15.1 9.2 13.8#

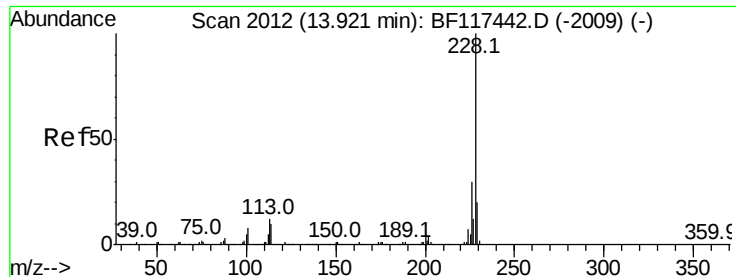


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.370 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

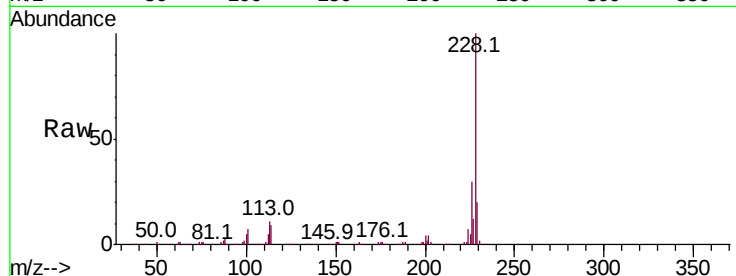
Tot Ion:228 Resp: 238506

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

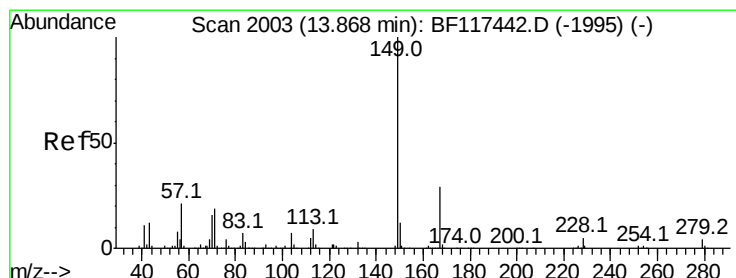
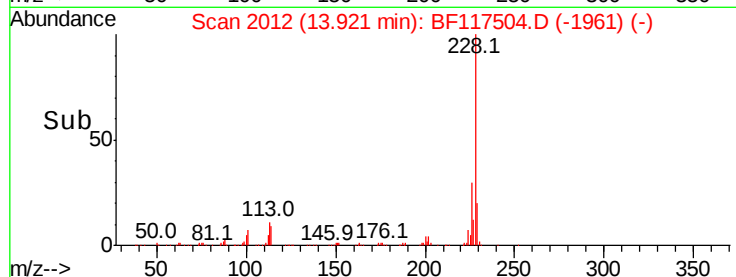
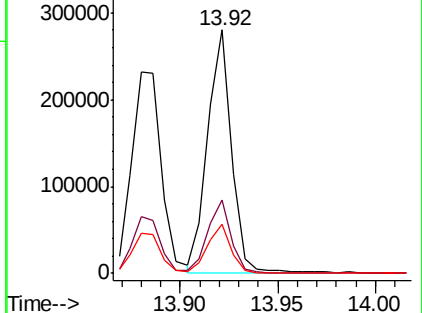
229 20.1 15.8 23.6



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: 49.385 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

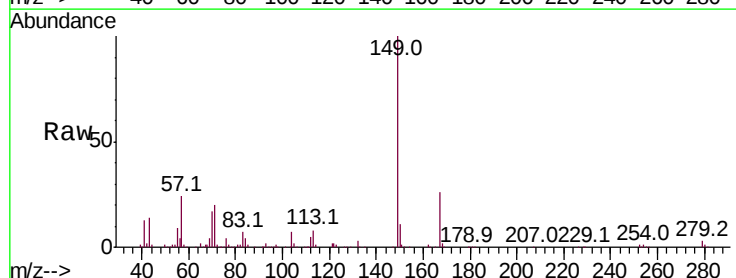
Tgt Ion:149 Resp: 235133

Ion Ratio Lower Upper

149 100

167 26.3 23.3 34.9

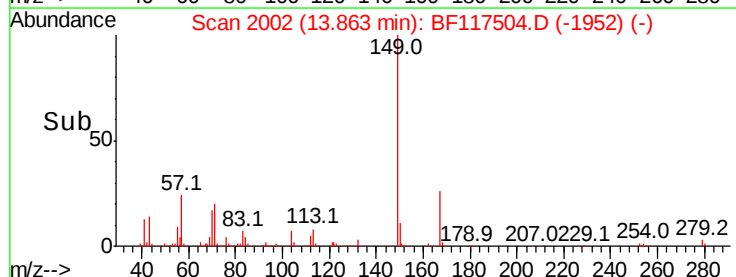
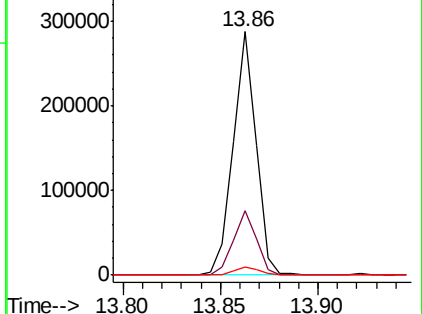
279 3.3 3.2 4.8

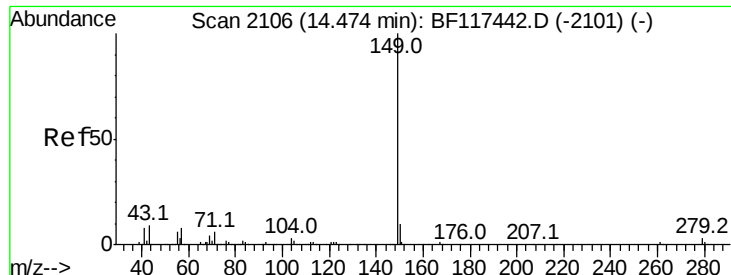


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.919 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

Instrument :

BNA_F

ClientSampleId :

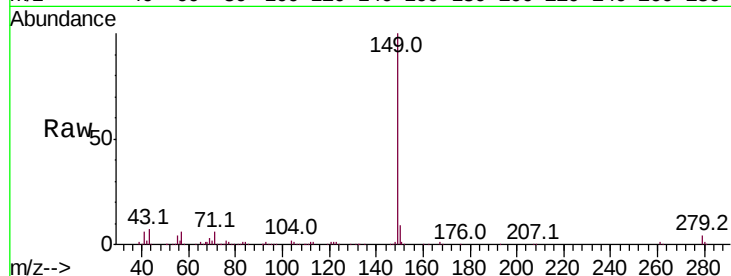
Tot Ion:149 Resp: 365428

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

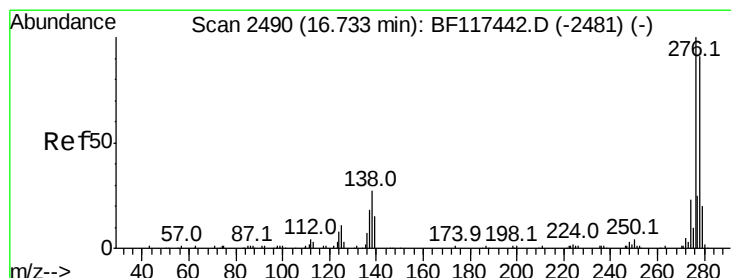
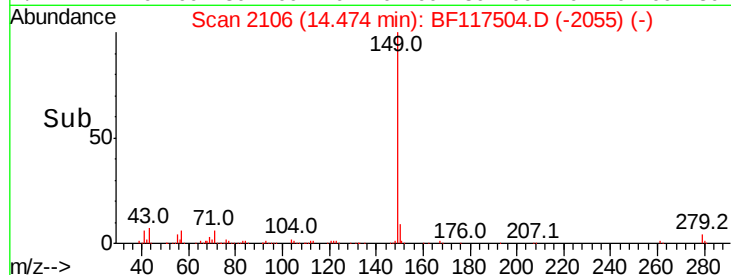
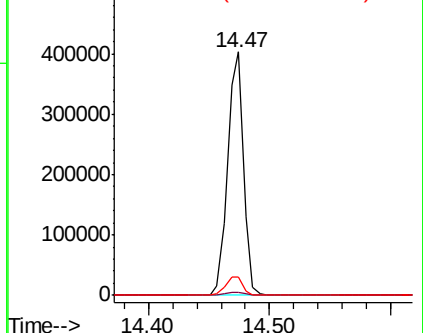
43 8.0 6.8 10.2



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: 47.739 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BF117504.D

Acq: 24 Oct 2019 00:44

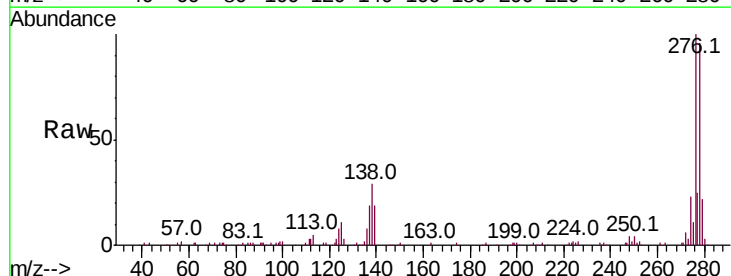
Tgt Ion:276 Resp: 187370

Ion Ratio Lower Upper

276 100

138 28.0 21.8 32.8

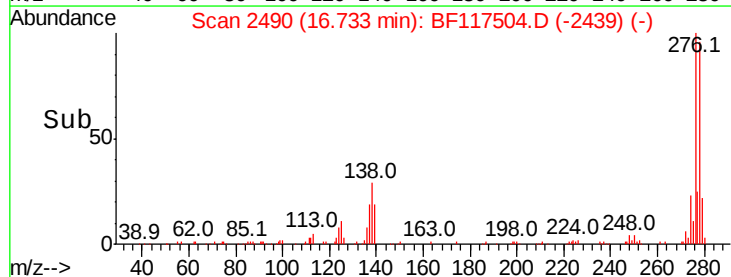
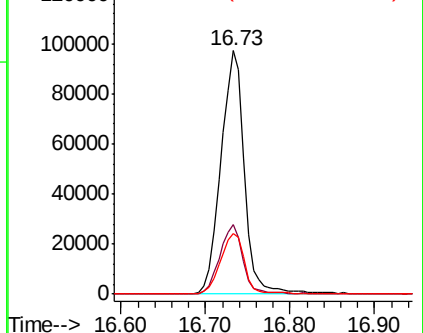
277 25.2 20.0 30.0

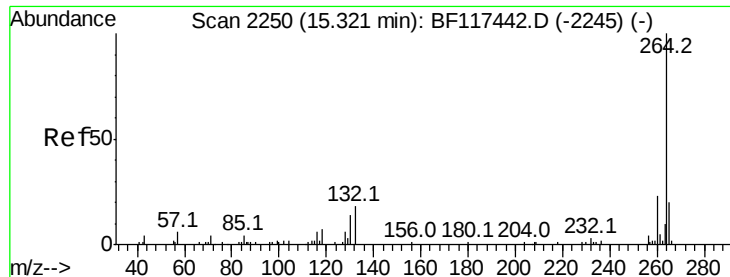


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

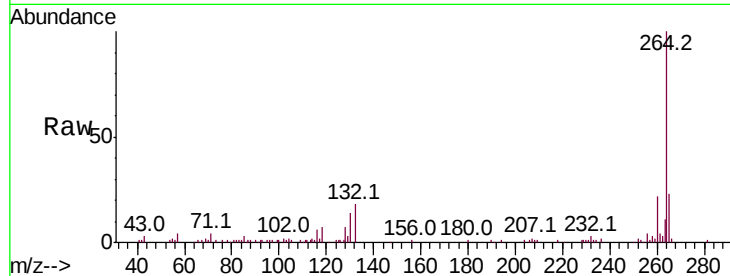




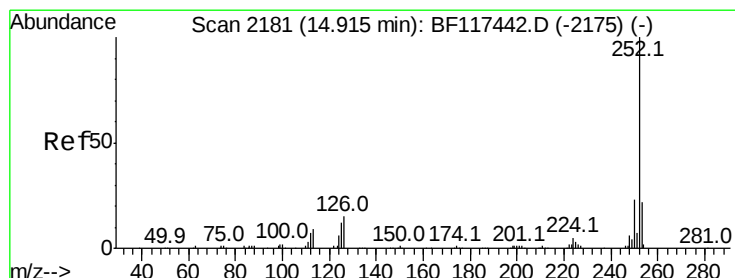
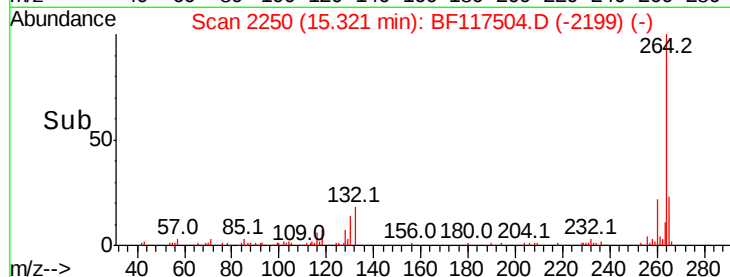
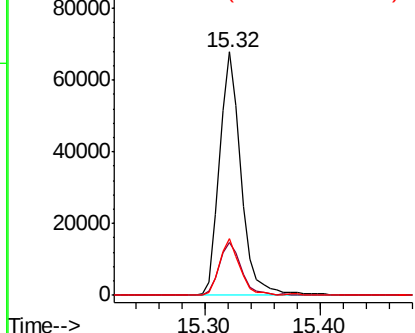
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 87831
Ion Ratio Lower Upper
264 100
260 21.5 18.4 27.6
265 23.3 16.1 24.1

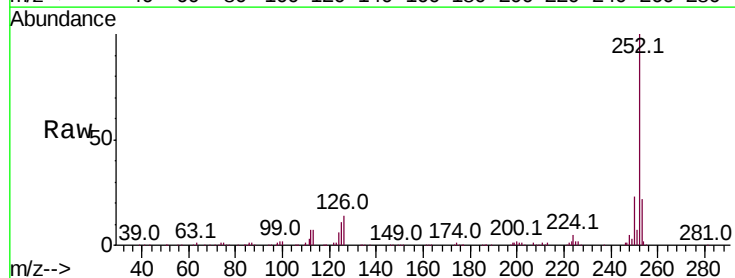


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

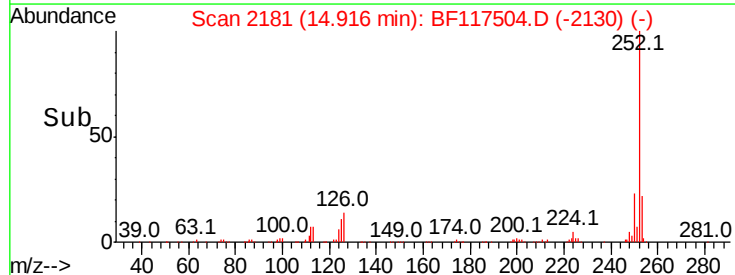
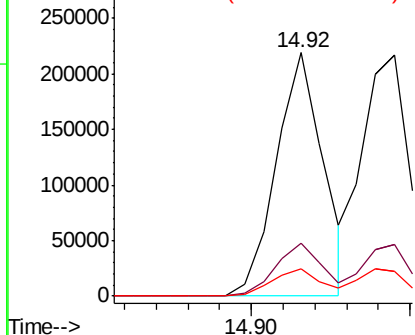


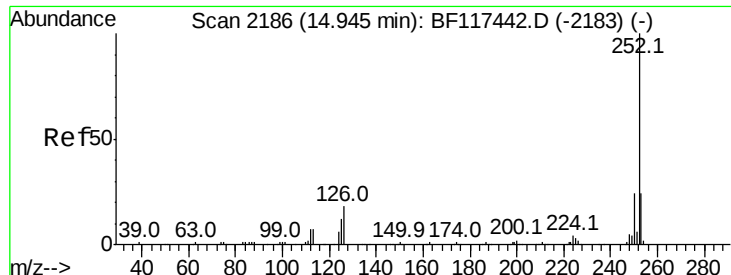
#88
Benzo(b)fluoranthene
Concen: 43.630 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:252 Resp: 226288
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.3 9.9 14.9



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

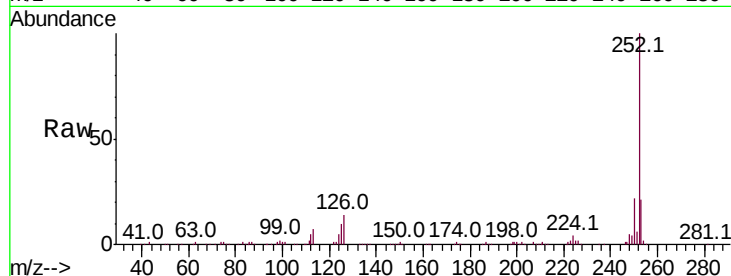




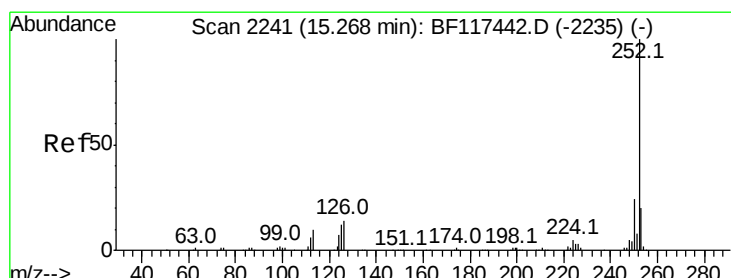
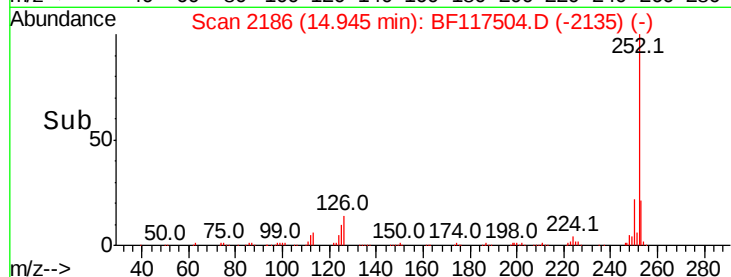
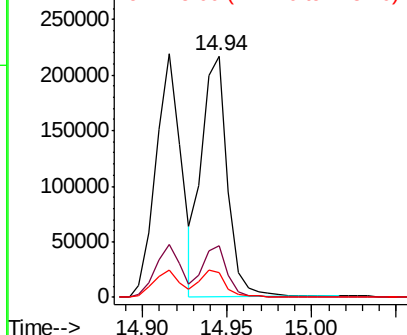
#89
Benzo(k)fluoranthene
Concen: 43.314 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.2	8.9	13.3

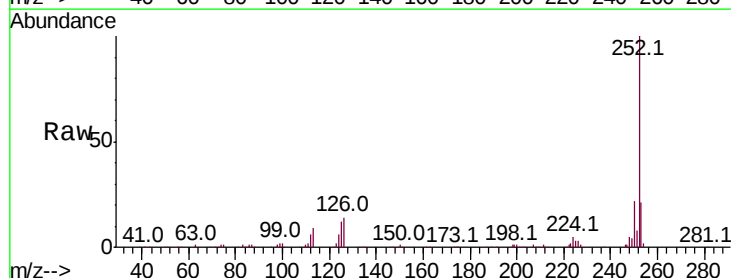


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

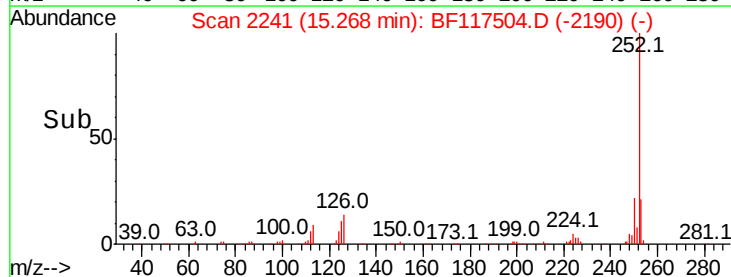
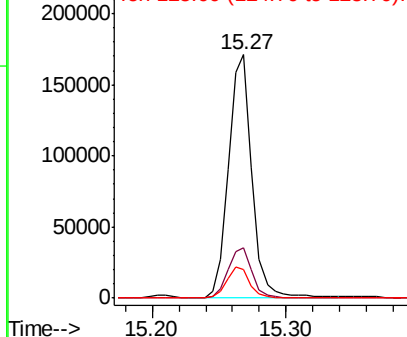


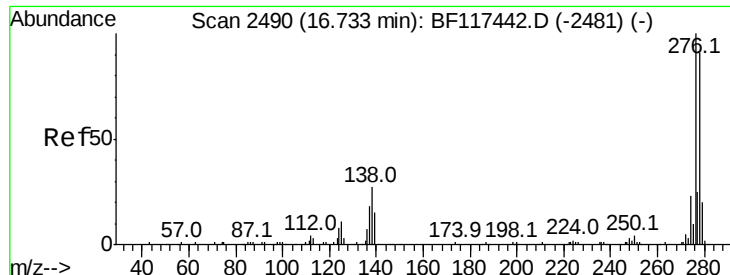
#90
Benzo(a)pyrene
Concen: 44.956 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	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



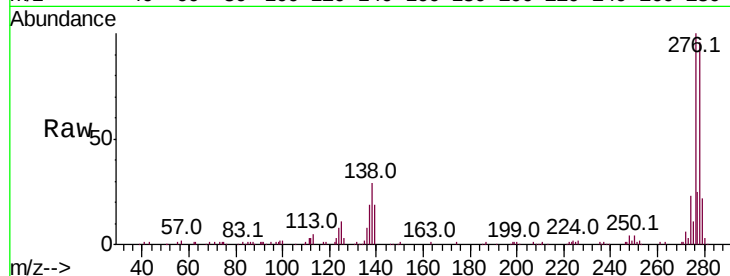


#91
Dibenzo(a,h)anthracene
Concen: 40.898 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

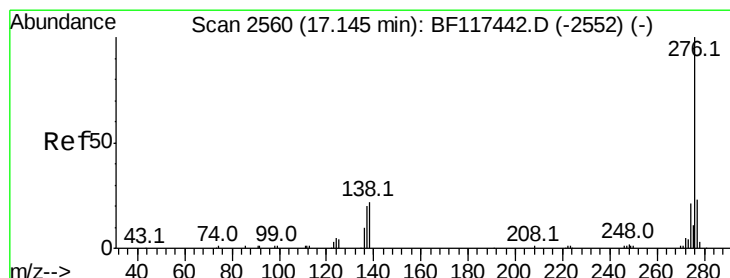
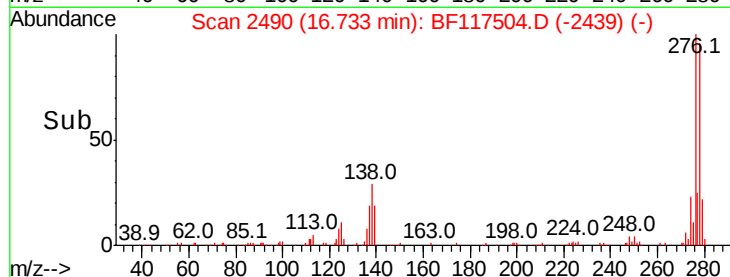
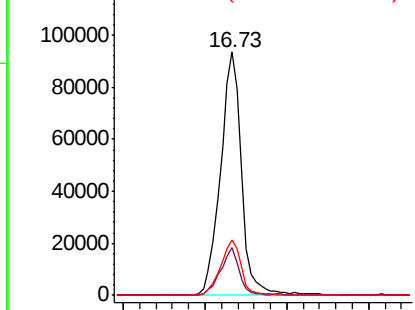
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 166762

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.4	20.0
279	22.8	17.8	26.6



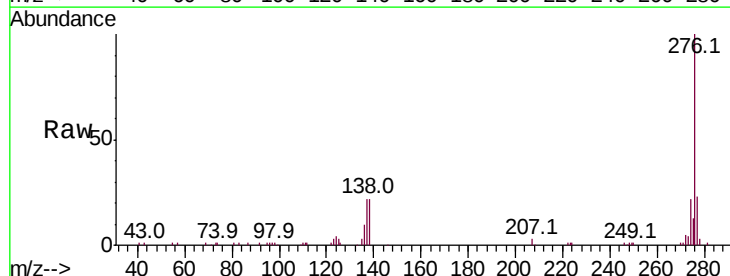
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.581 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117504.D
Acq: 24 Oct 2019 00:44

Tgt Ion:276 Resp: 144987

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	22.2	17.8	26.6



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

