

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117465.D
 Acq On : 21 Oct 2019 23:22
 Operator : JU
 Sample : K5448-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:57:02 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	58417	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	243948	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	129151	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	218692	20.00	ng	0.00
76) Chrysene-d12	13.89	240	179532	20.00	ng	0.00
87) Perylene-d12	15.32	264	186407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	301709	76.84	ng	0.00
7) Phenol-d6	6.38	99	414633	78.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	259107	52.44	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88285	79.00	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	442088	48.23	ng	0.00
79) Terphenyl-d14	12.83	244	464450	42.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	35237	21.344	ng	# 93
3) Pyridine	3.15	79	80182	19.840	ng	98
4) n-Nitrosodimethylamine	3.08	42	37948	25.882	ng	95
6) Aniline	6.40	93	85276	13.773	ng	# 24
8) 2-Chlorophenol	6.52	128	107619	25.973	ng	98
9) Benzaldehyde	6.29	77	63141	21.451	ng	97
10) Phenol	6.39	94	139501	25.916	ng	# 76
11) bis(2-Chloroethyl)ether	6.47	93	102784	25.816	ng	98
12) 1,3-Dichlorobenzene	6.67	146	108642	23.496	ng	95
13) 1,4-Dichlorobenzene	6.75	146	111564	23.784	ng	98
14) 1,2-Dichlorobenzene	6.90	146	104976	23.742	ng	97
15) Benzyl Alcohol	6.89	79	97809	25.958	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	97371	22.671	ng	80
17) 2-Methylphenol	7.00	107	89102	26.141	ng	97
18) Hexachloroethane	7.24	117	42399	23.158	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	80251	24.916	ng	99
20) 3+4-Methylphenols	7.16	107	115724	25.895	ng	# 79
22) Acetophenone	7.15	105	155788	24.050	ng	96
24) Nitrobenzene	7.32	77	118188	24.972	ng	98
25) Isophorone	7.56	82	215666	25.229	ng	99
26) 2-Nitrophenol	7.63	139	54217	25.685	ng	88
27) 2,4-Dimethylphenol	7.68	122	90230	28.602	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	126120	23.910	ng	100
29) 2,4-Dichlorophenol	7.89	162	86193	26.049	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	86137	24.258	ng	99
31) Naphthalene	8.03	128	310383	25.669	ng	99
32) Benzoic acid	7.83	122	49353	22.841	ng	92
33) 4-Chloroaniline	8.10	127	28005	5.488	ng	98
34) Hexachlorobutadiene	8.15	225	48083	23.395	ng	99
35) Caprolactam	8.46	113	14889	14.007	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	102945	27.280	ng	98
37) 2-Methylnaphthalene	8.73	142	210105	25.787	ng	98
38) 1-Methylnaphthalene	8.82	142	194717	25.433	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	80583	23.166	ng	97

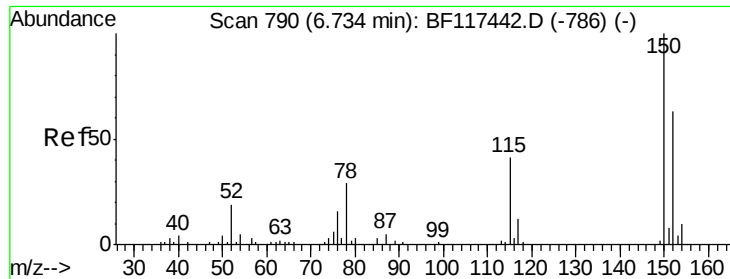
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117465.D
 Acq On : 21 Oct 2019 23:22
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	44366	55.839	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	54293	24.924	nq	96
44) 2,4,5-Trichlorophenol	9.06	196	58480	26.493	nq	# 92
46) 1,1'-Biphenyl	9.19	154	250305	23.411	nq	99
47) 2-Chloronaphthalene	9.22	162	191974	23.814	nq	98
48) 2-Nitroaniline	9.32	65	63935	24.159	nq	88
49) Acenaphthylene	9.63	152	297527	25.127	nq	99
50) Dimethylphthalate	9.49	163	300146	32.600	nq	99
51) 2,6-Dinitrotoluene	9.56	165	48991	25.499	nq	90
52) Acenaphthene	9.80	154	177160	24.386	nq	98
53) 3-Nitroaniline	9.73	138	25960	11.136	nq	94
54) 2,4-Dinitrophenol	9.85	184	29431	39.447	nq	90
55) Dibenzofuran	9.97	168	268431	25.503	nq	96
56) 4-Nitrophenol	9.91	139	56772	54.305	nq	88
57) 2,4-Dinitrotoluene	9.97	165	66933	26.203	nq	87
58) Fluorene	10.32	166	221125	25.405	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	36899	21.269	nq	97
60) Diethylphthalate	10.19	149	237511	25.504	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	96111	24.612	nq	95
62) 4-Nitroaniline	10.35	138	49495	22.526	nq	88
63) Azobenzene	10.46	77	243240	25.515	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	27726	24.936	nq	94
66) n-Nitrosodiphenylamine	10.43	169	195934	24.507	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	53948	22.902	nq	92
68) Hexachlorobenzene	10.87	284	56399	22.357	nq	92
69) Atrazine	10.96	200	62911	30.928	nq	97
70) Pentachlorophenol	11.07	266	39320	51.993	nq	97
71) Phenanthrene	11.27	178	314169	24.740	nq	97
72) Anthracene	11.33	178	331373	25.432	nq	99
73) Carbazole	11.49	167	310479	26.074	nq	99
74) Di-n-butylphthalate	11.81	149	398795	25.065	nq	98
75) Fluoranthene	12.46	202	335783	26.414	nq	97
77) Benzidine	12.59	184	181277	33.623	nq	97
78) Pyrene	12.69	202	341340	22.135	nq	98
80) Butylbenzylphthalate	13.30	149	173134	22.562	nq	97
81) Benzo(a)anthracene	13.88	228	294524	24.320	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	50985	13.417	nq	96
83) Chrysene	13.92	228	289757	24.414	nq	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	256753	23.885	nq	# 96
85) Di-n-octyl phthalate	14.47	149	440343	26.643	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	249027	28.103	nq	99
88) Benzo(b)fluoranthene	14.92	252	260470	23.663	nq	97
89) Benzo(k)fluoranthene	14.94	252	260982	23.132	nq	98
90) Benzo(a)pyrene	15.26	252	235069	23.488	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	215313	24.881	nq	98
92) Benzo(g,h,i)perylene	17.14	276	208769	25.497	nq	96

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

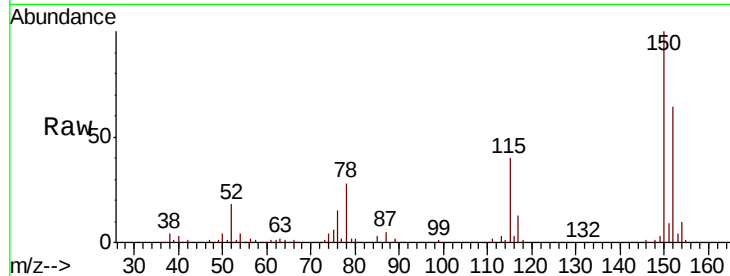


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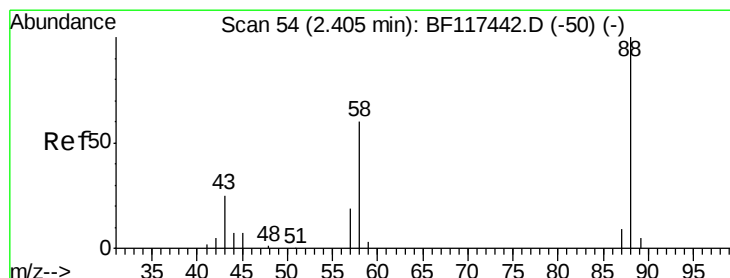
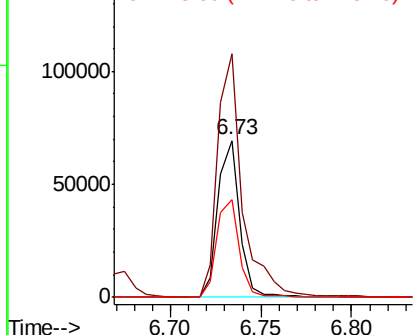
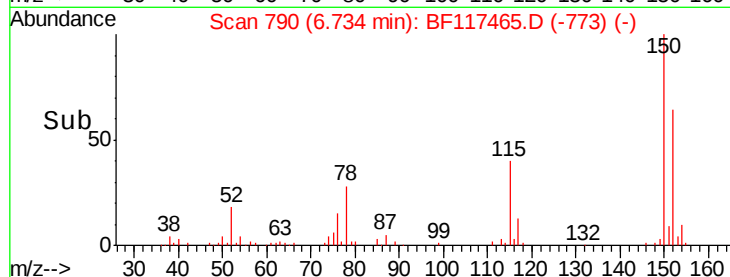
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58417
Ion Ratio Lower Upper
152 100
150 155.4 126.8 190.2
115 62.5 51.6 77.4



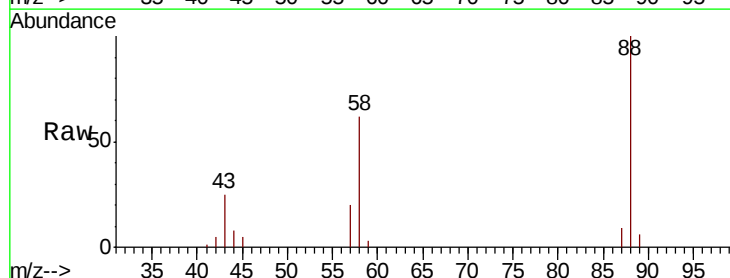
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



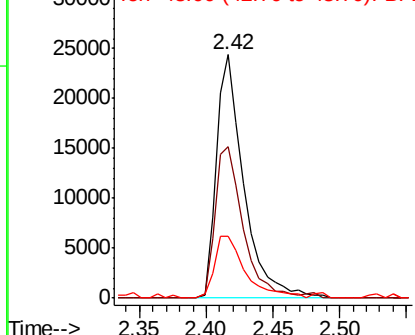
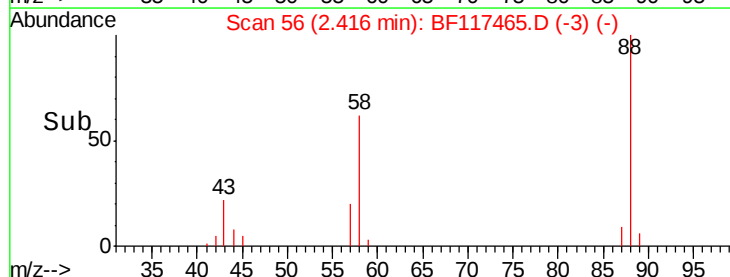
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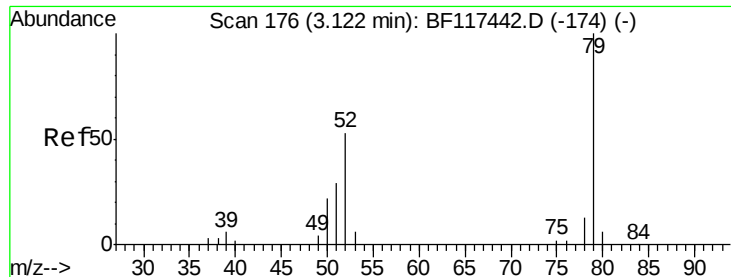
1,4-Dioxane
Concen: 21.344 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion: 88 Resp: 35237
Ion Ratio Lower Upper
88 100
58 64.6 48.8 73.2
43 28.9 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: 19.840 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.03 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

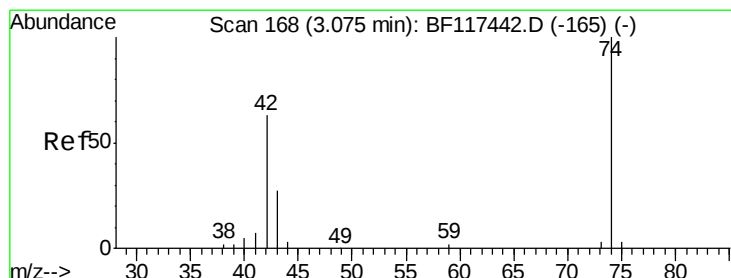
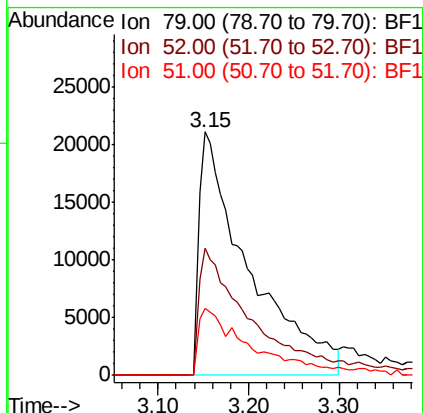
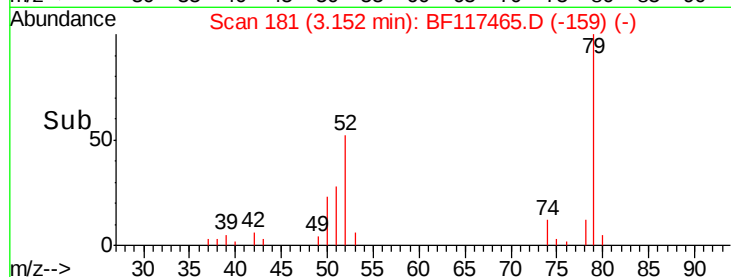
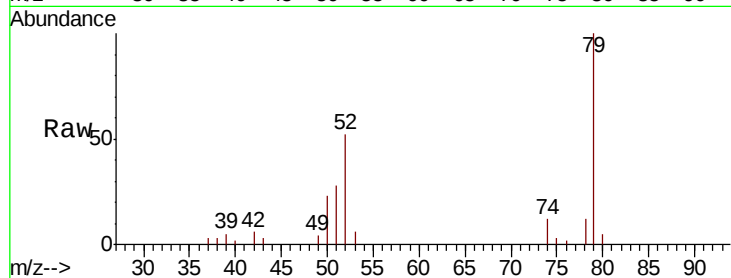
Tot Ion: 79 Resp: 80182

Ion Ratio Lower Upper

79 100

52 52.4 42.4 63.6

51 27.6 23.3 34.9



#4

n-Nitrosodimethylamine

Concen: 25.882 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

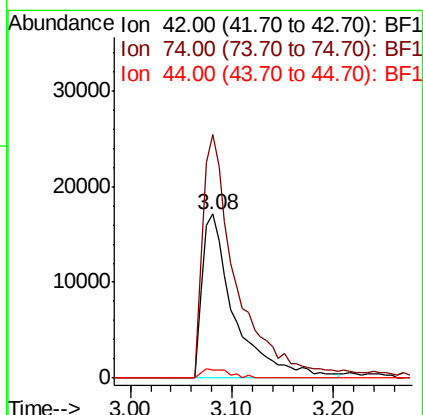
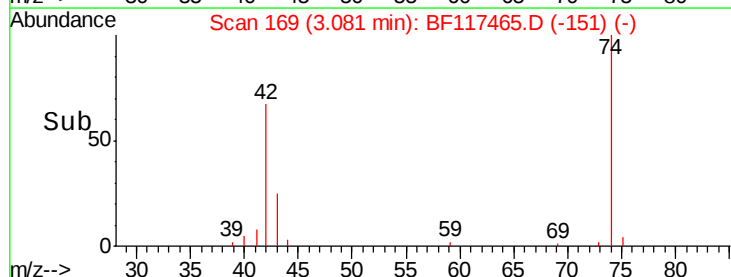
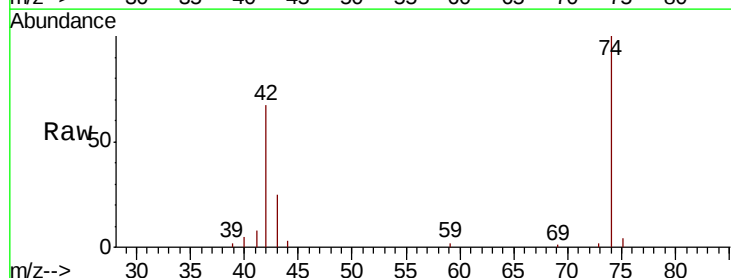
Tgt Ion: 42 Resp: 37948

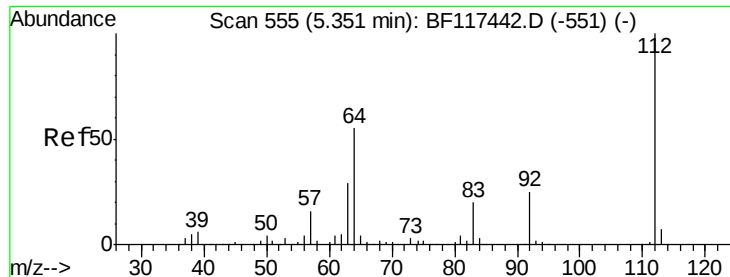
Ion Ratio Lower Upper

42 100

74 148.4 124.2 186.4

44 5.1 4.2 6.4





#5

2-Fluorophenol

Concen: 76.836 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

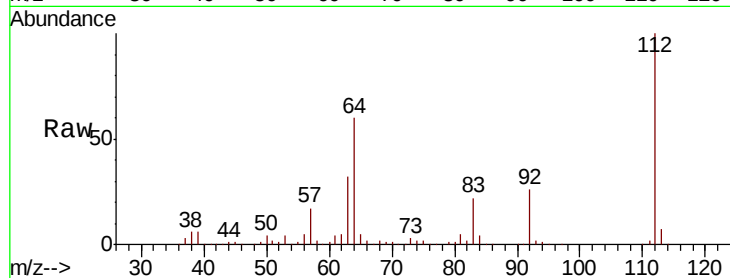
Tot Ion: 112 Resp: 301709

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

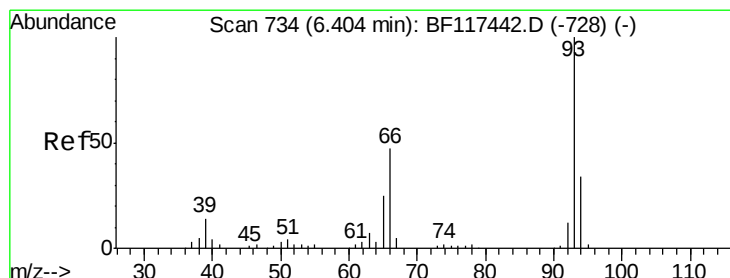
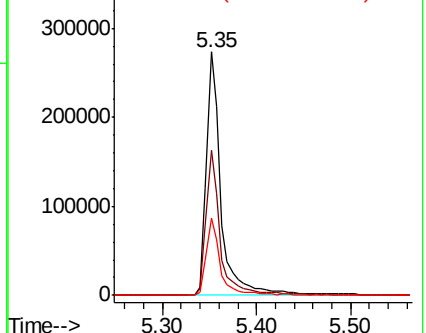
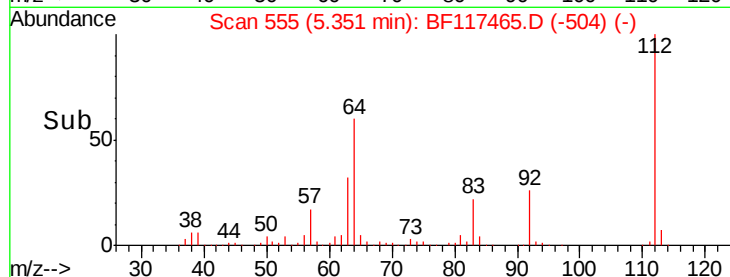
63 31.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.773 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

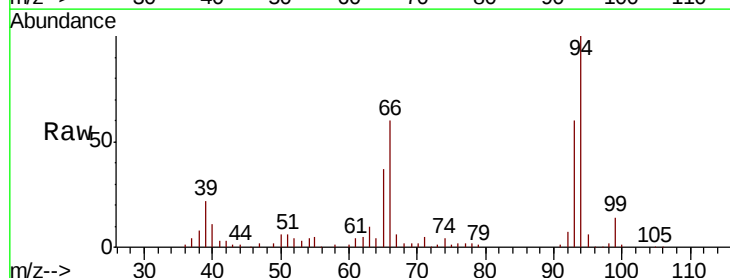
Tgt Ion: 93 Resp: 85276

Ion Ratio Lower Upper

93 100

66 101.0 38.7 58.1#

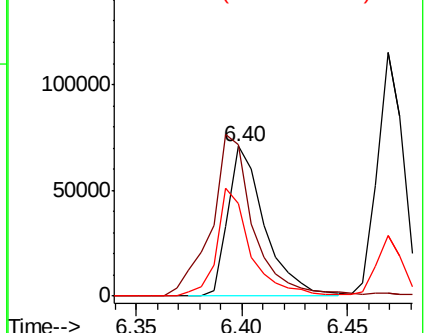
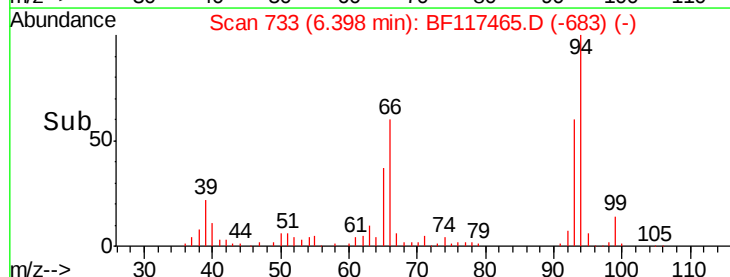
65 61.9 20.1 30.1#

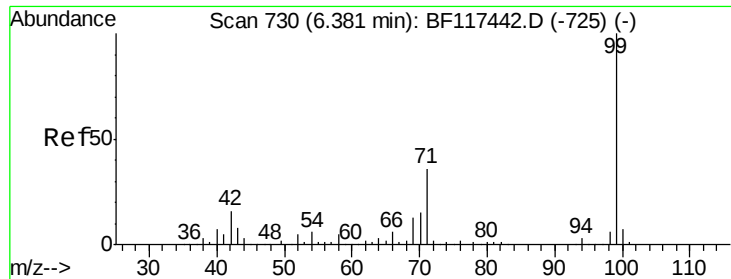


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.619 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

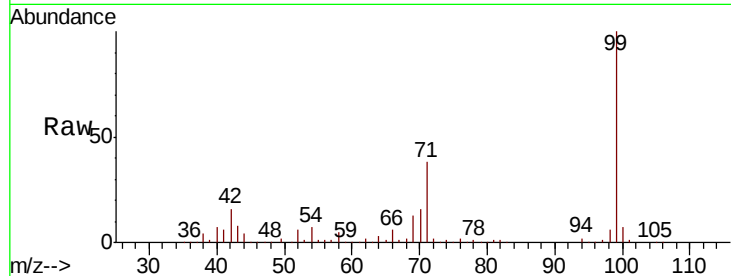
Tot Ion: 99 Resp: 414633

Ion Ratio Lower Upper

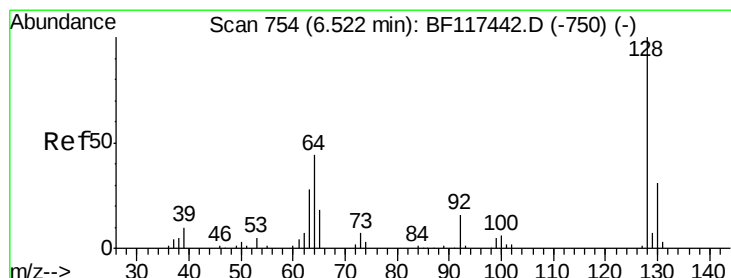
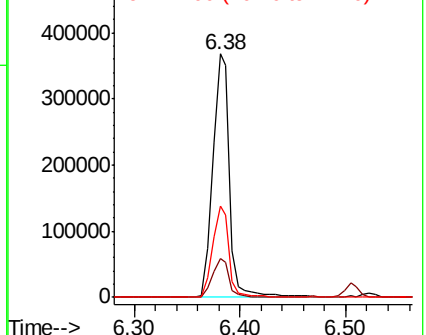
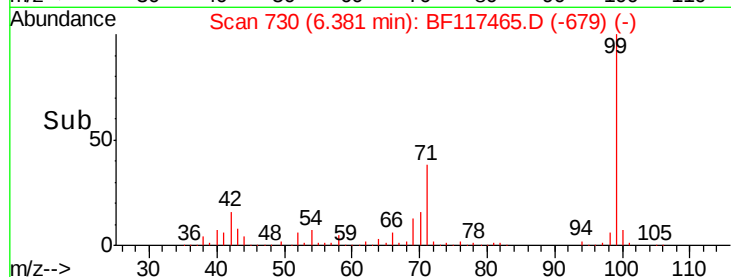
99 100

42 16.1 12.8 19.2

71 37.6 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: 25.973 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

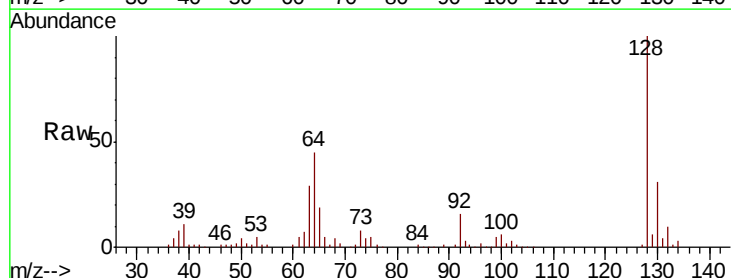
Tgt Ion: 128 Resp: 107619

Ion Ratio Lower Upper

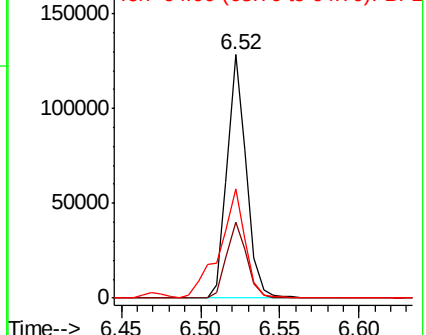
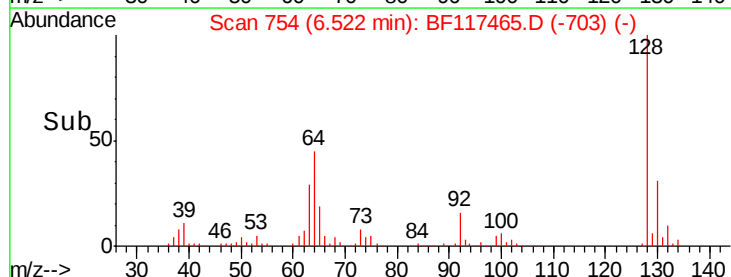
128 100

130 31.1 11.1 51.1

64 45.0 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: 21.451 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

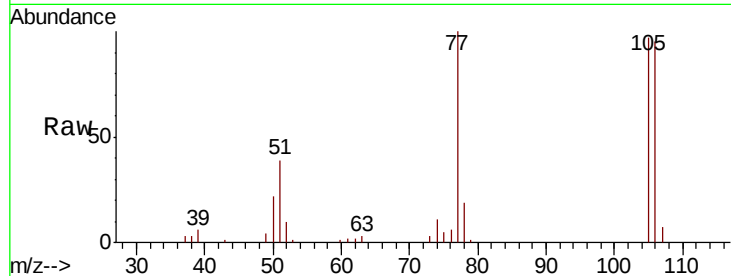
Tot Ion: 77 Resp: 63141

Ion Ratio Lower Upper

77 100

105 96.6 73.4 113.4

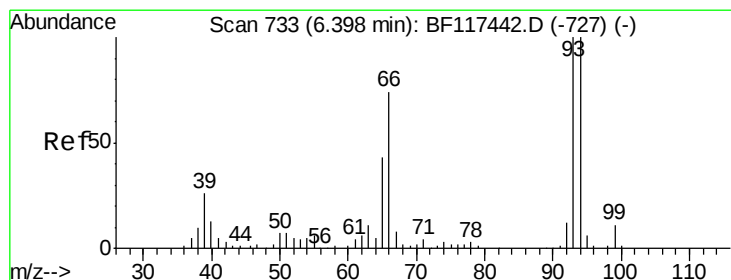
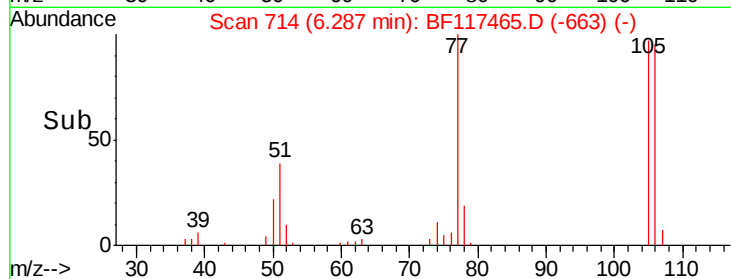
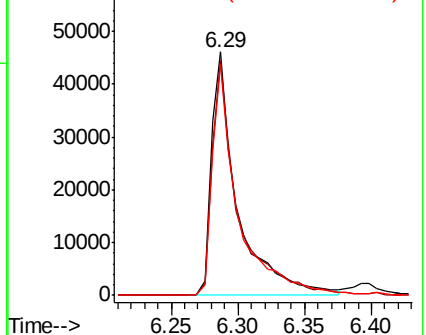
106 94.9 73.0 113.0



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: 25.916 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

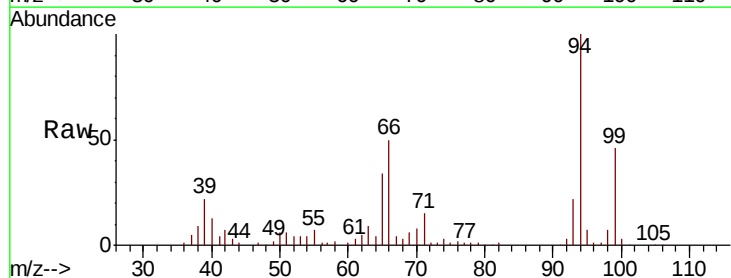
Tgt Ion: 94 Resp: 139501

Ion Ratio Lower Upper

94 100

65 33.7 23.4 63.4

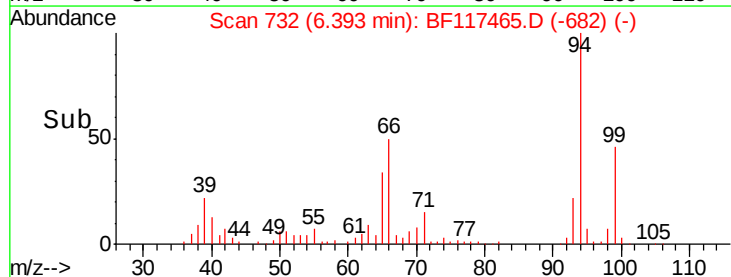
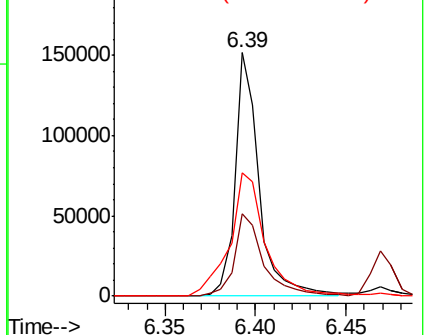
66 50.4 54.7 94.7#

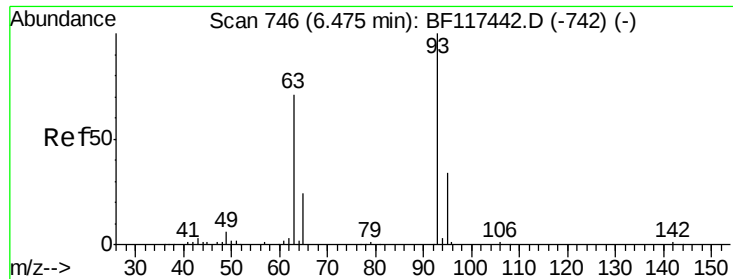


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 25.816 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

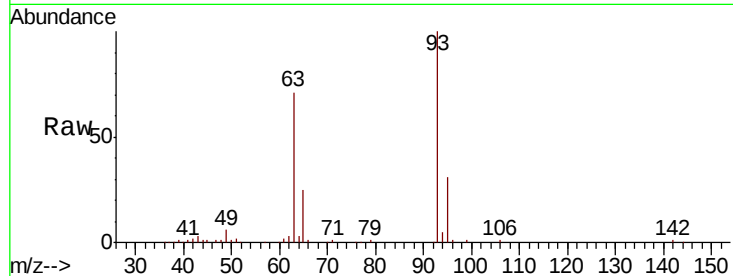
Tot Ion: 93 Resp: 102784

Ion Ratio Lower Upper

93 100

63 70.6 50.2 90.2

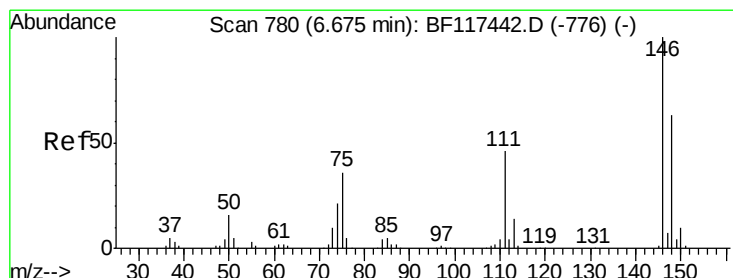
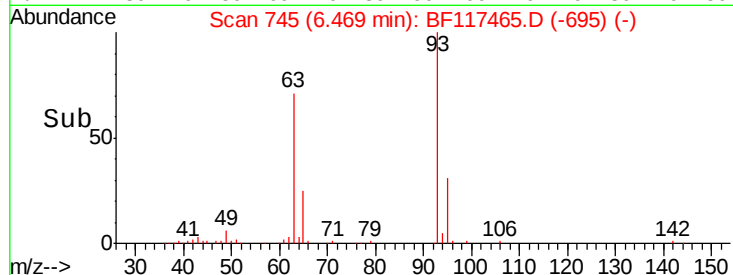
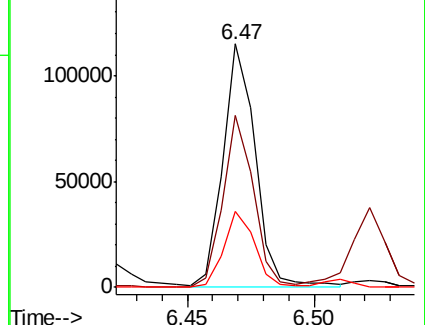
95 31.3 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 23.496 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

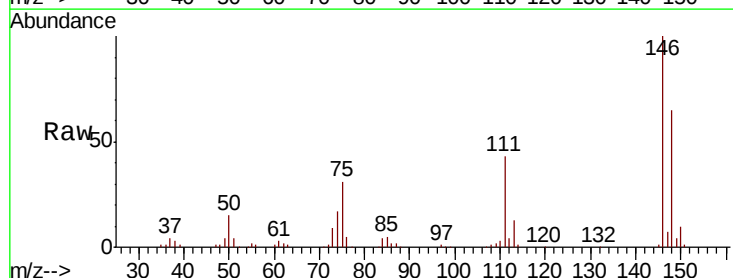
Tgt Ion: 146 Resp: 108642

Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

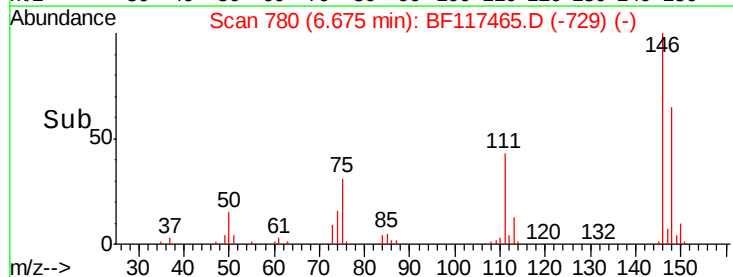
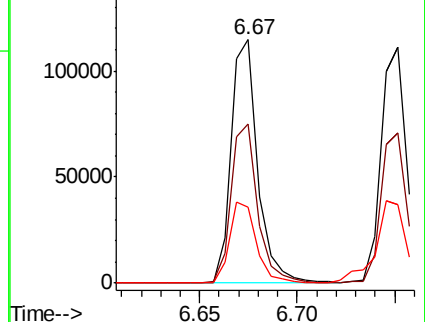
75 31.2 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

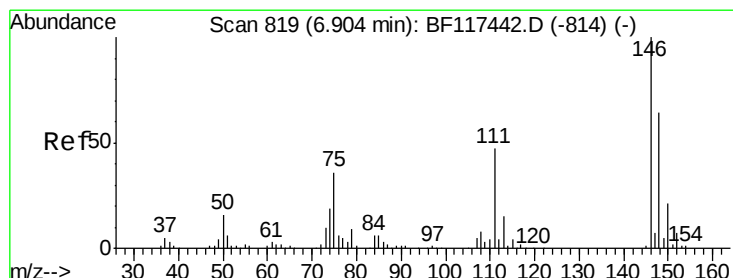
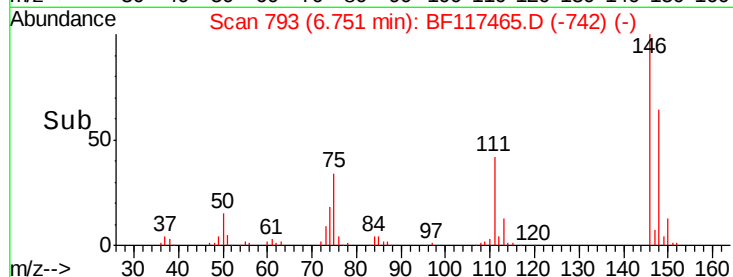
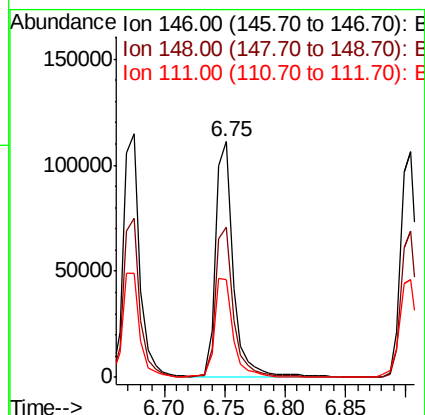
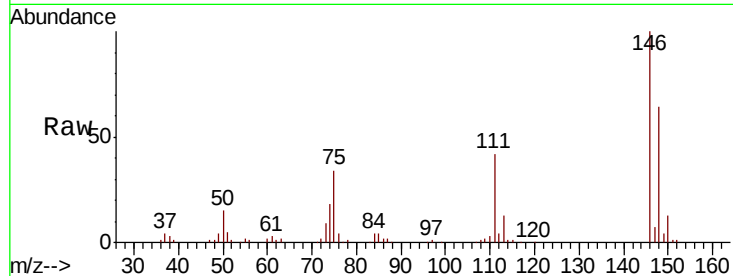




#13
 1,4-Dichlorobenzene
 Concen: 23.784 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

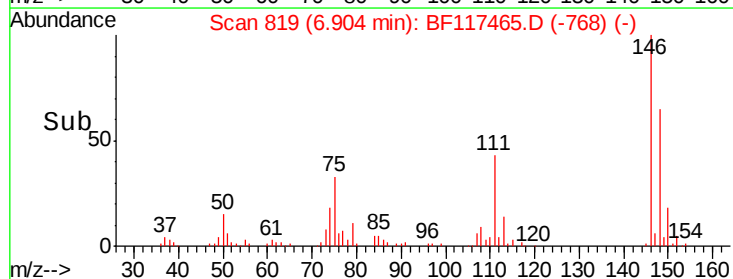
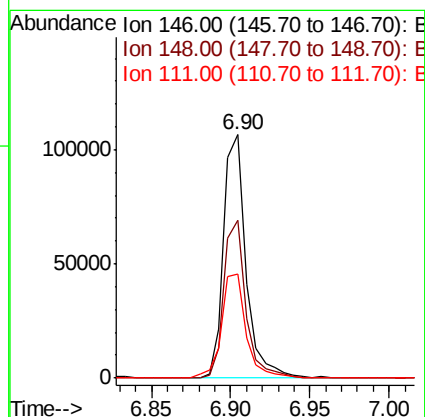
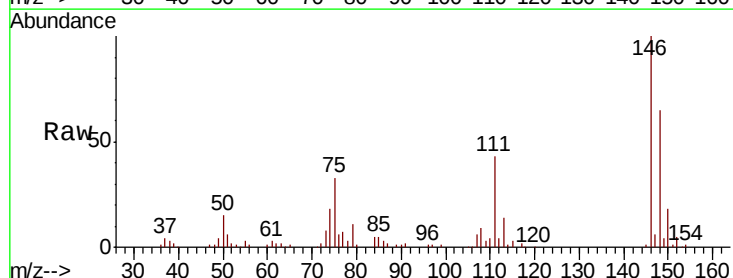
Instrument :
 BNA_F
 ClientSampleId :

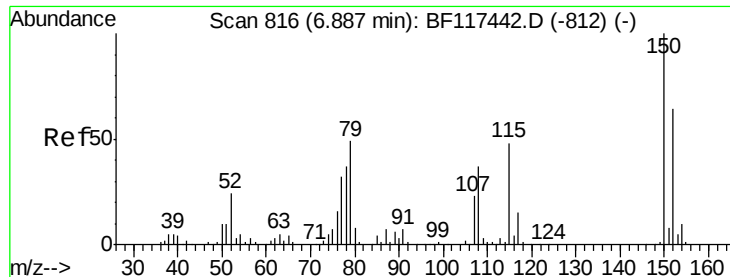
Tot Ion:146 Resp: 111564
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.3 73.9
 111 41.7 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 23.742 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:146 Resp: 104976
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 43.0 37.7 56.5

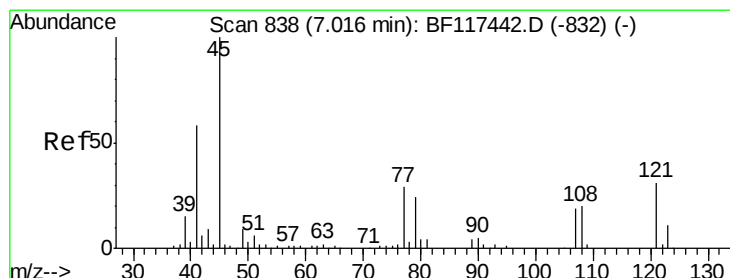
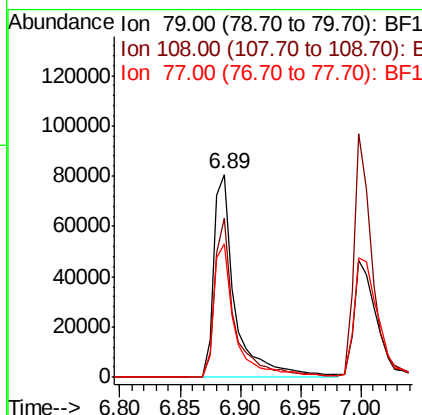
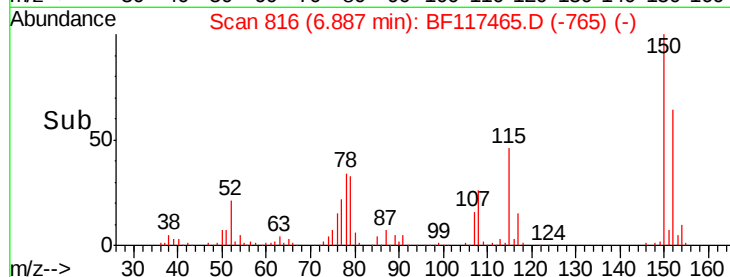
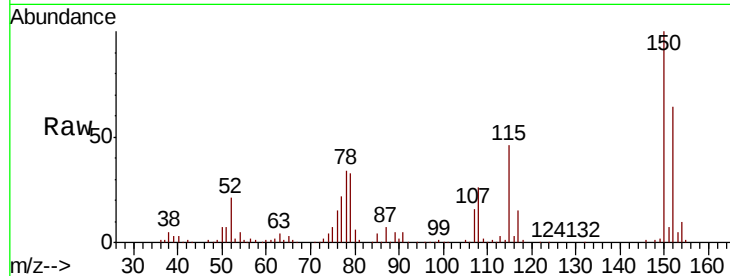




#15
Benzyl Alcohol
Concen: 25.958 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

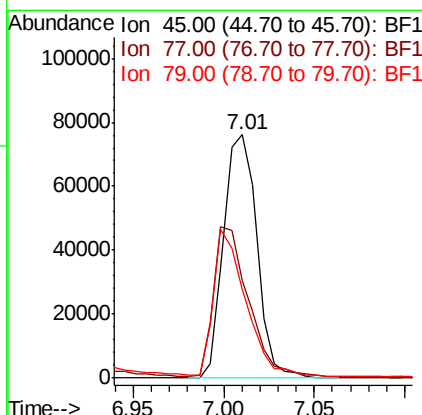
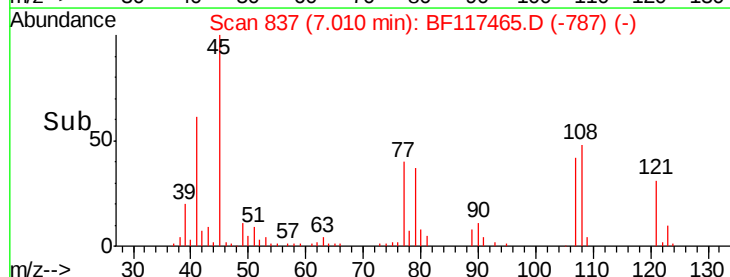
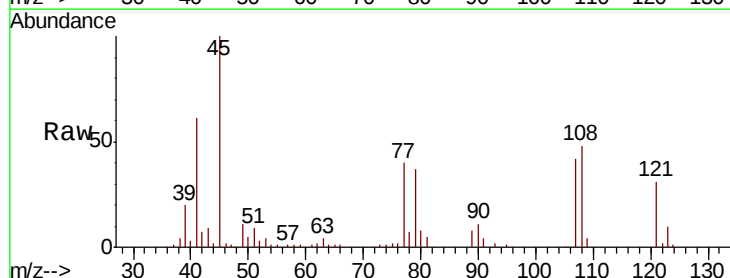
Instrument :
BNA_F
ClientSampleId :

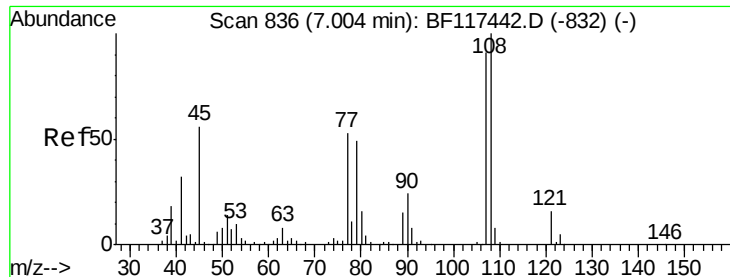
Tot Ion: 79 Resp: 97809
Ion Ratio Lower Upper
79 100
108 78.8 59.8 89.8
77 66.0 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.671 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion: 45 Resp: 97371
Ion Ratio Lower Upper
45 100
77 40.4 9.9 49.9
79 36.5 5.5 45.5

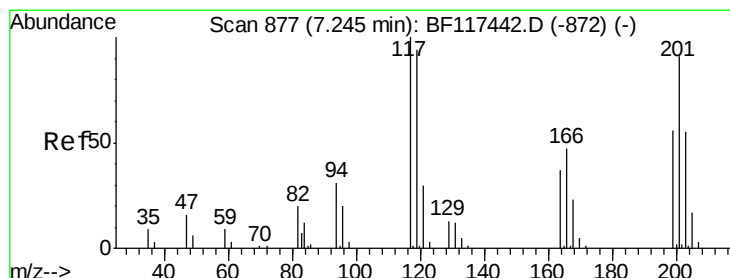
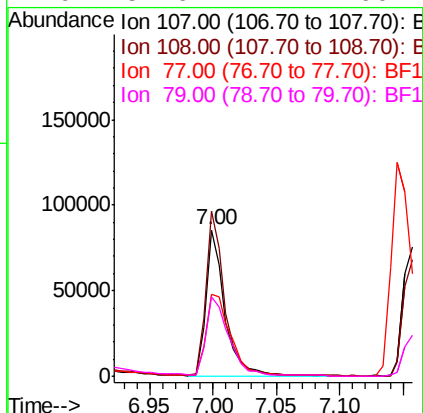
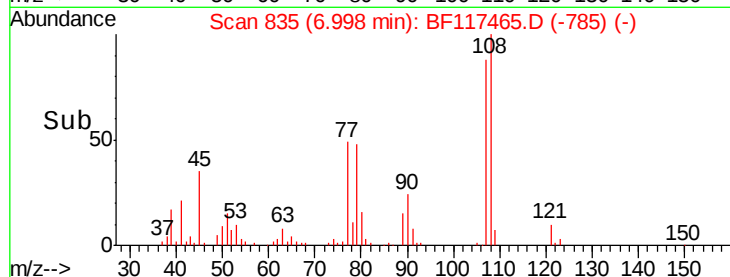
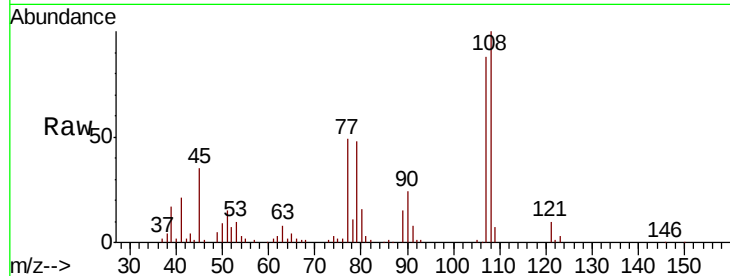




#17
2-Methylphenol
Concen: 26.141 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

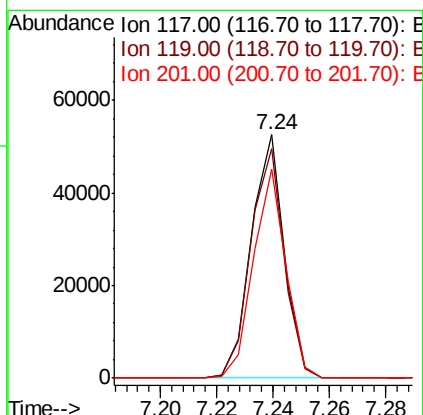
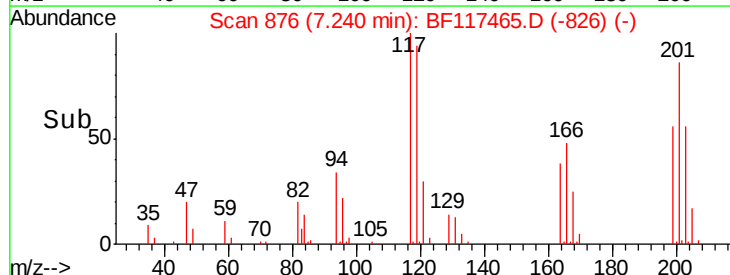
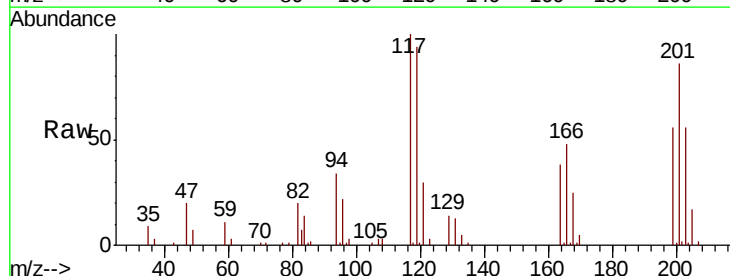
Instrument :
BNA_F
ClientSampled :

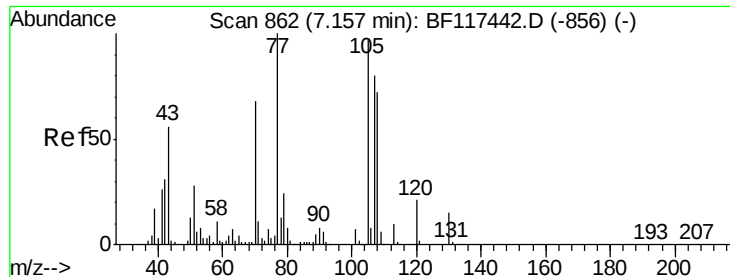
Tot Ion:107 Resp: 89102
Ion Ratio Lower Upper
107 100
108 113.3 88.0 132.0
77 55.6 47.2 70.8
79 54.6 44.1 66.1



#18
Hexachloroethane
Concen: 23.158 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:117 Resp: 42399
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
201 86.1 72.5 108.7

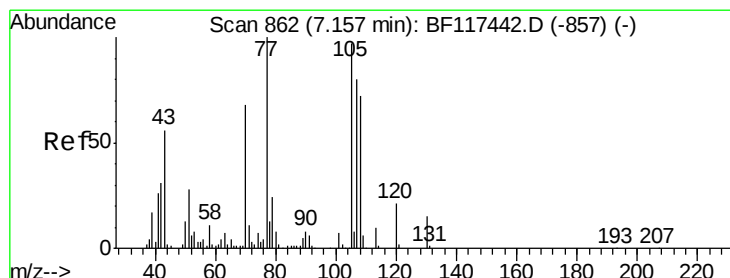
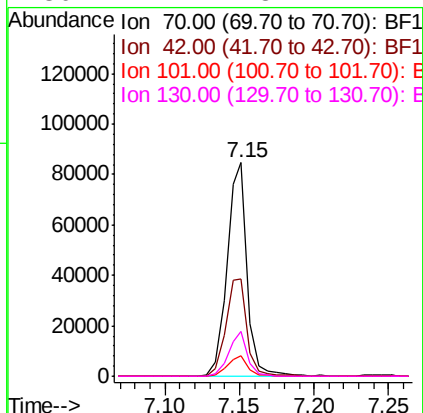
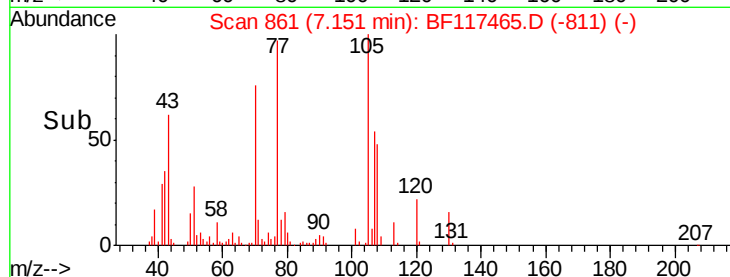
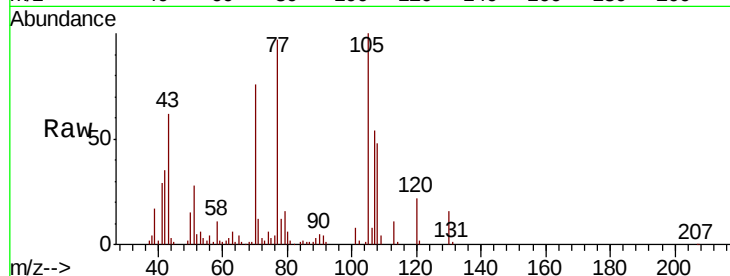




#19
n-Nitroso-di-n-propylamine
Concen: 24.916 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

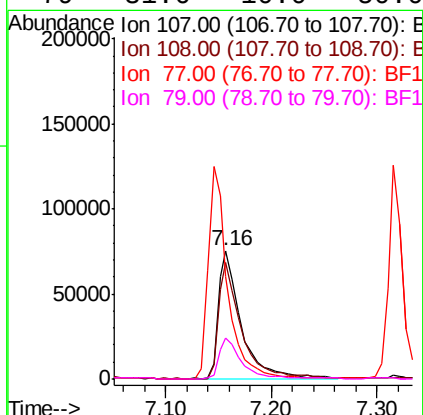
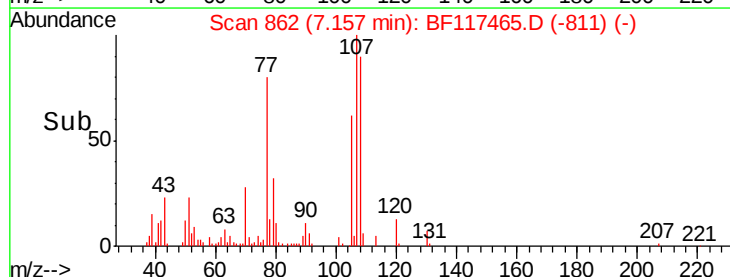
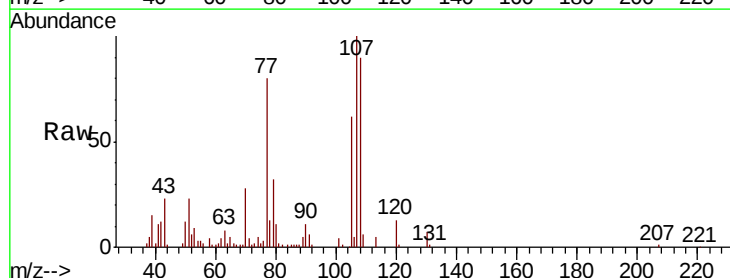
Instrument :
BNA_F
ClientSampleId :

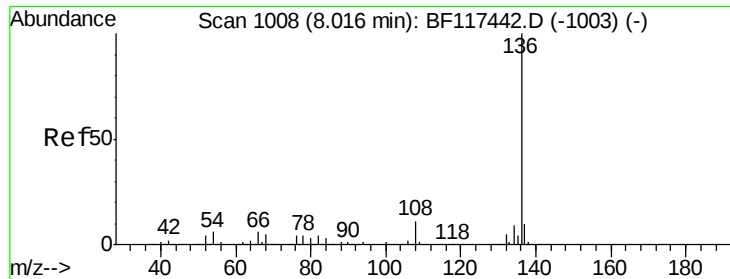
Tot Ion: 70 Resp: 80251
Ion Ratio Lower Upper
70 100
42 45.7 36.7 55.1
101 9.9 8.3 12.5
130 21.1 18.1 27.1



#20
3+4-Methylphenols
Concen: 25.895 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion: 107 Resp: 115724
Ion Ratio Lower Upper
107 100
108 90.5 70.3 110.3
77 79.6 104.8 144.8#
79 31.6 10.0 50.0

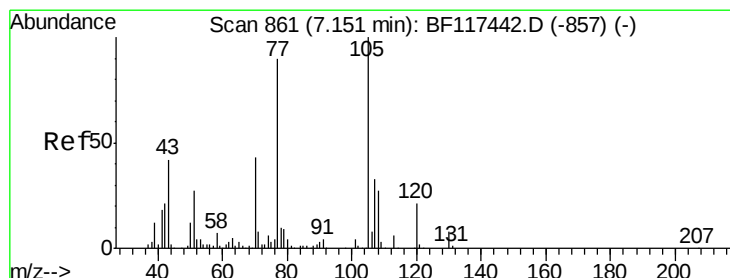
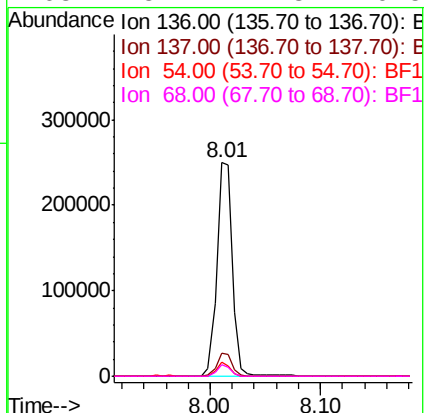
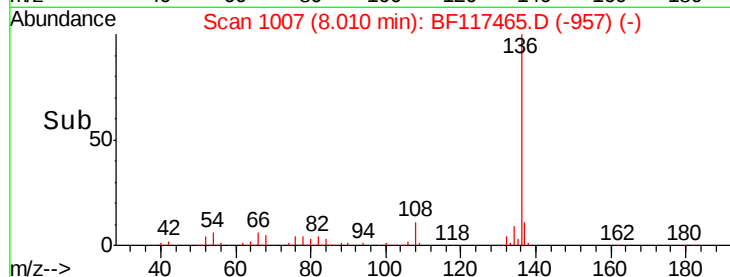
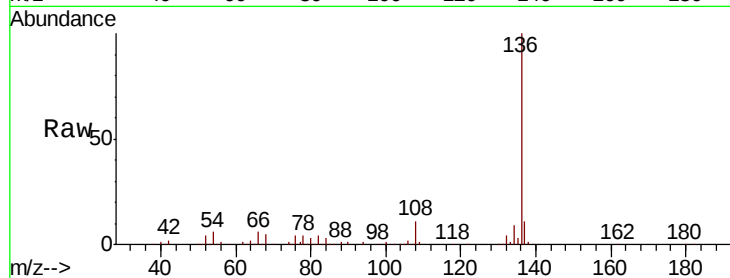




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

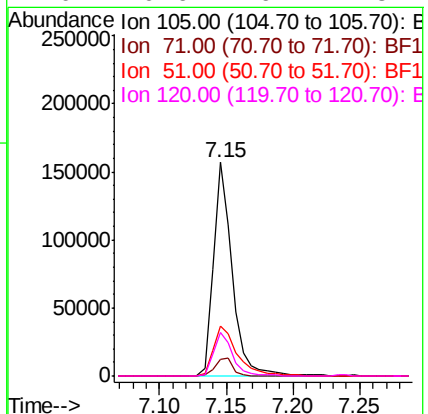
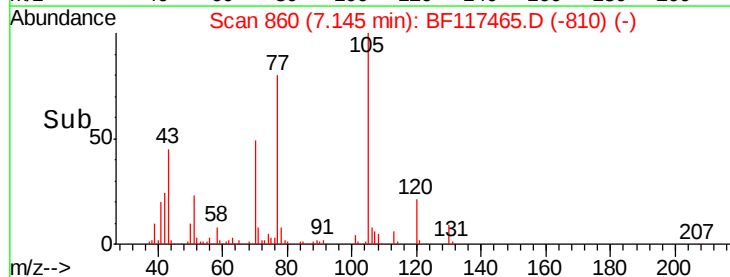
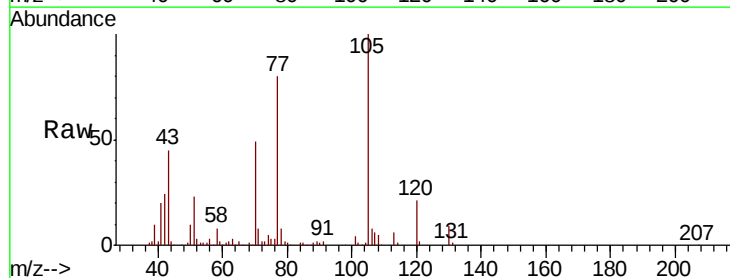
Instrument :
BNA_F
ClientSampleId :

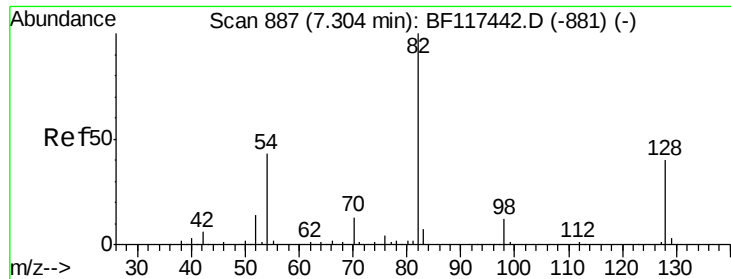
Tot Ion:136	Resp: 243948
Ion Ratio	Lower Upper
136 100	
137 10.7	8.2 12.4
54 6.4	4.5 6.7
68 5.2	4.3 6.5



#22
Acetophenone
Concen: 24.050 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt	Ion:105	Resp:	155788
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.2
51	23.3	21.8	32.6
120	20.6	16.7	25.1

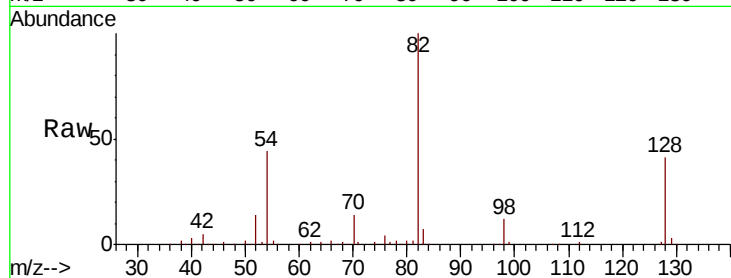




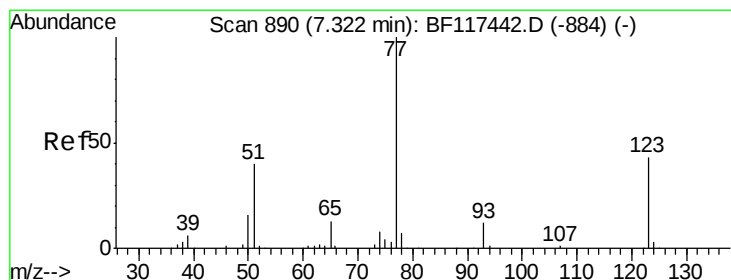
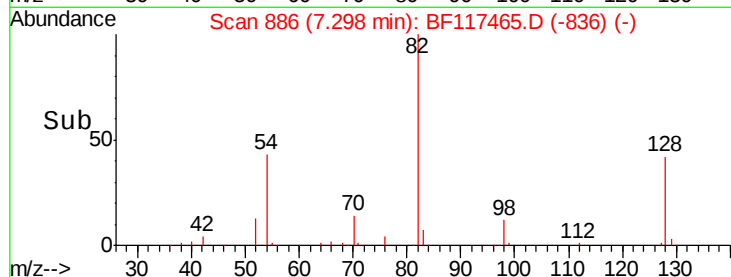
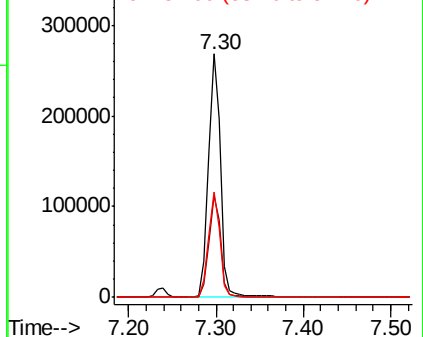
#23
Nitrobenzene-d5
Concen: 52.436 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 259107
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.2
54 43.5 34.2 51.2

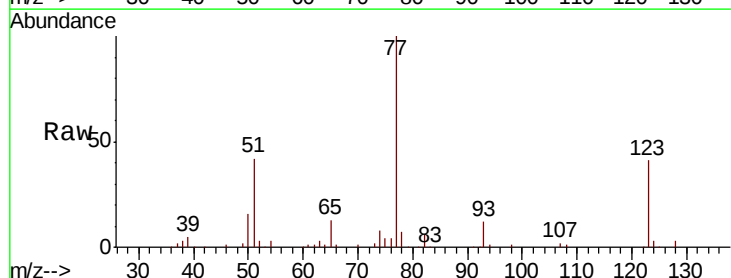


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

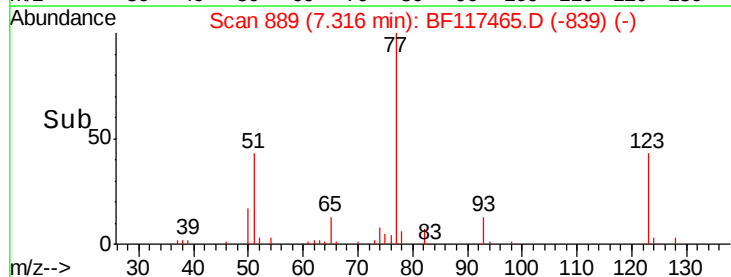
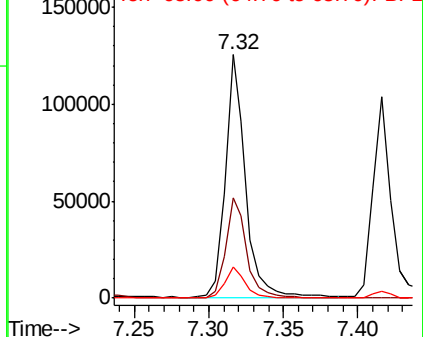


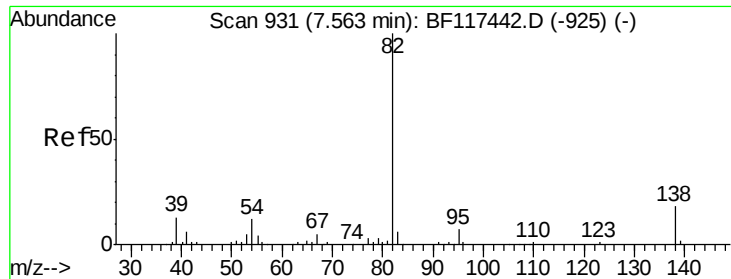
#24
Nitrobenzene
Concen: 24.972 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion: 77 Resp: 118188
Ion Ratio Lower Upper
77 100
123 41.4 34.2 51.2
65 12.8 10.3 15.5



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





#25

Isophorone

Concen: 25.229 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

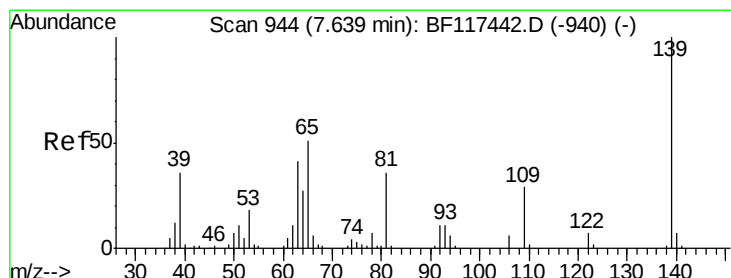
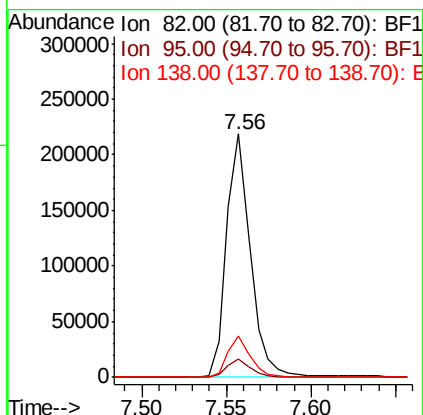
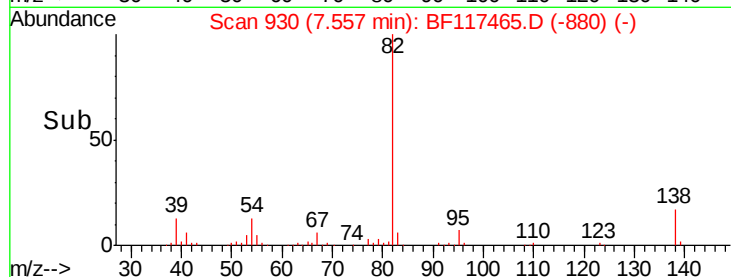
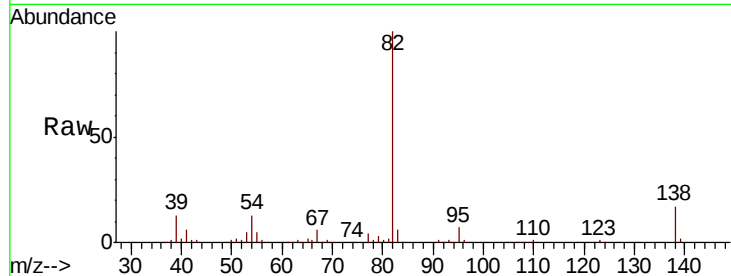
Tot Ion: 82 Resp: 215666

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.0

138 17.2 14.2 21.2



#26

2-Nitrophenol

Concen: 25.685 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

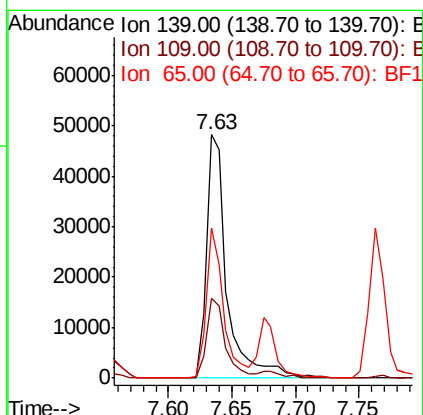
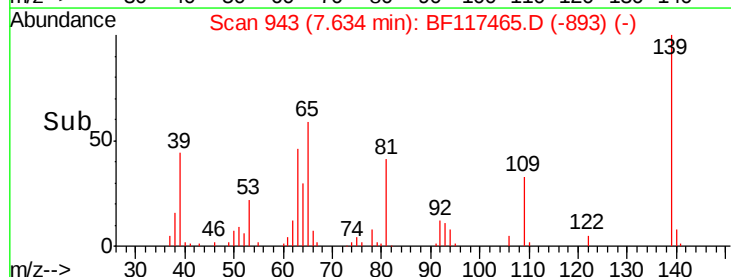
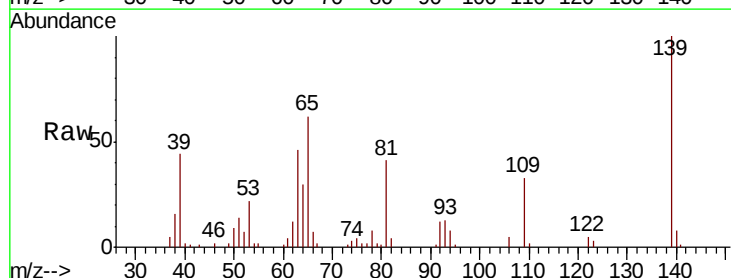
Tgt Ion: 139 Resp: 54217

Ion Ratio Lower Upper

139 100

109 32.8 23.2 34.8

65 61.5 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 28.602 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

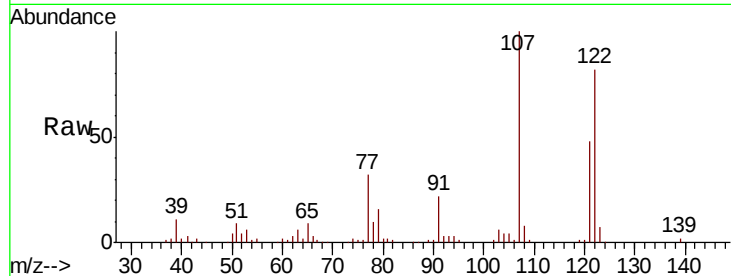
Tot Ion:122 Resp: 90230

Ion Ratio Lower Upper

122 100

107 122.2 96.8 145.2

121 58.8 46.4 69.6

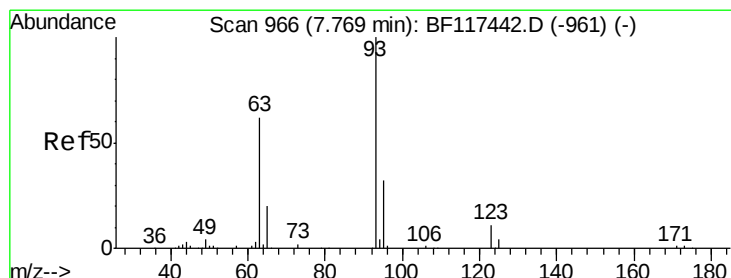
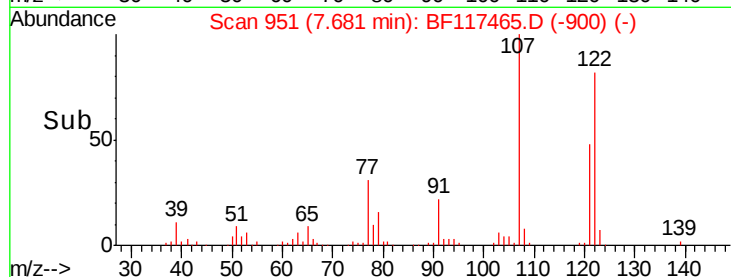
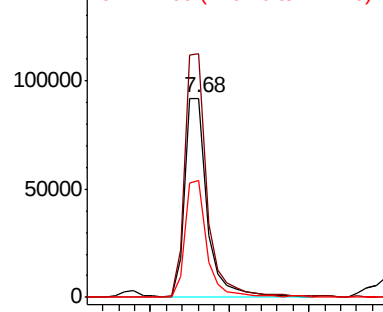


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.910 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

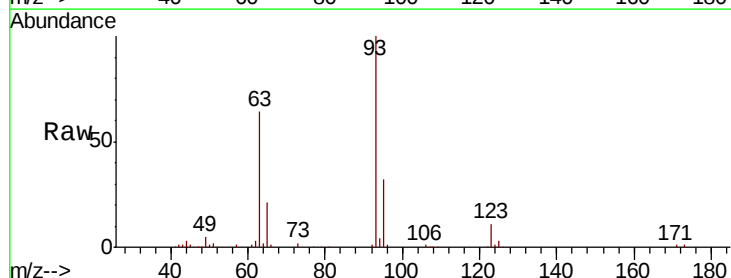
Tgt Ion: 93 Resp: 126120

Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 10.8 9.0 13.6

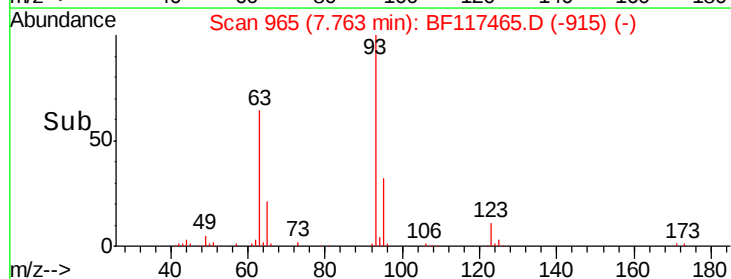
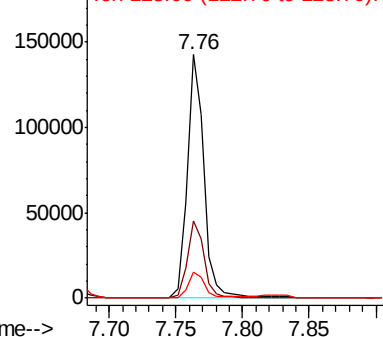


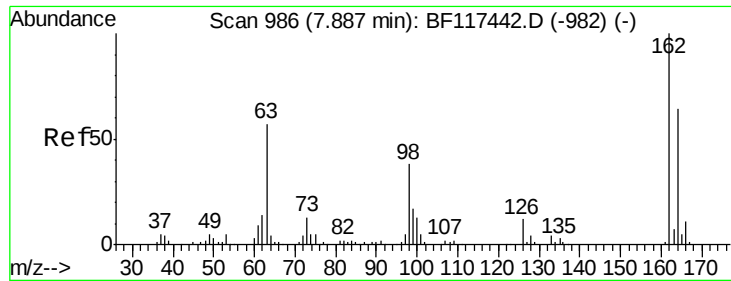
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

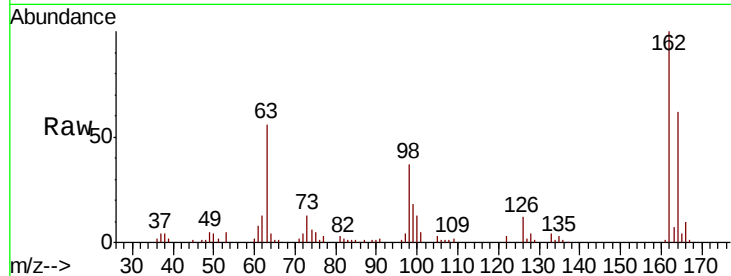




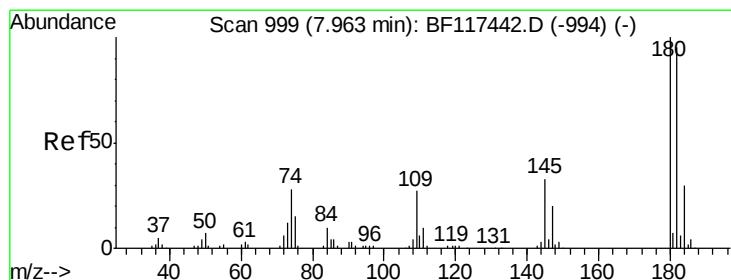
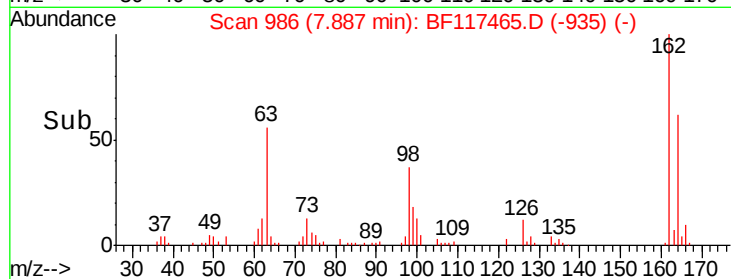
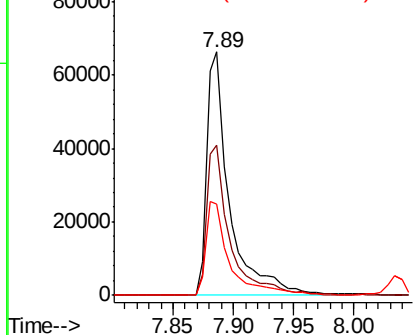
#29
2,4-Dichlorophenol
Concen: 26.049 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.4	84.4
98	37.2	18.2	58.2

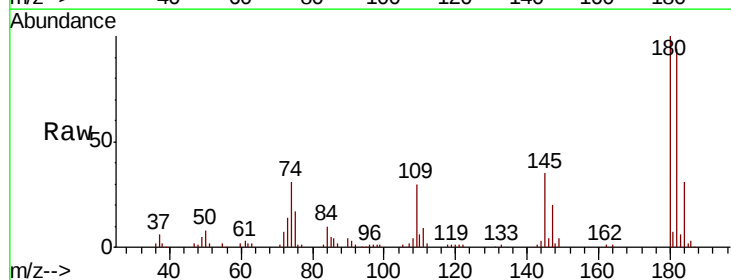


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

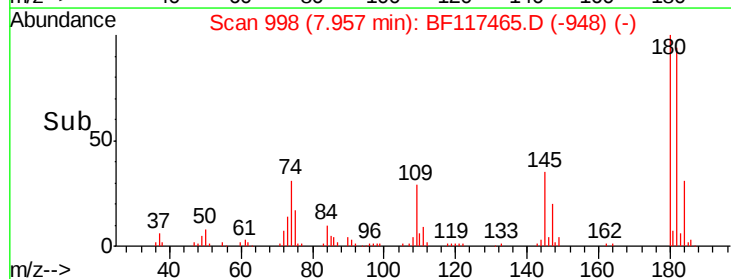
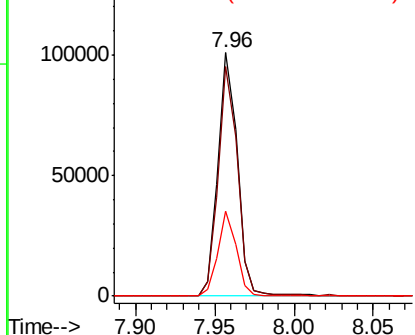


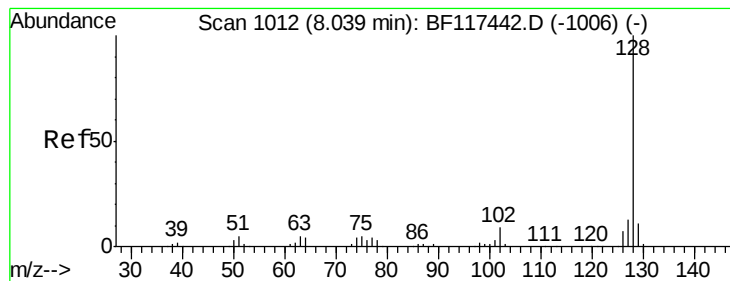
#30
1,2,4-Trichlorobenzene
Concen: 24.258 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	34.7	26.5	39.7



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





#31

Naphthalene

Concen: 25.669 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

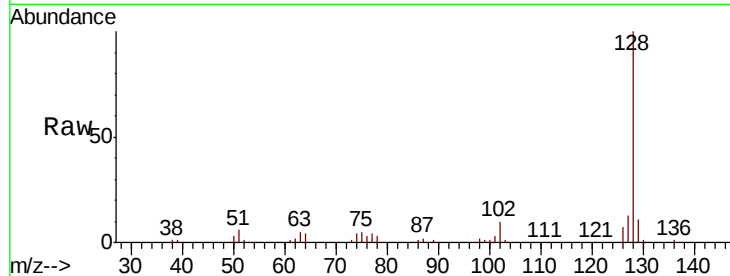
Tot Ion:128 Resp: 310383

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

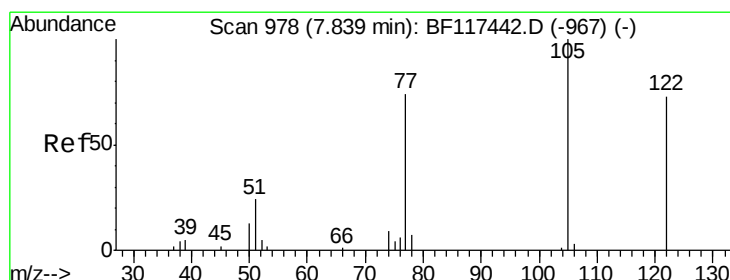
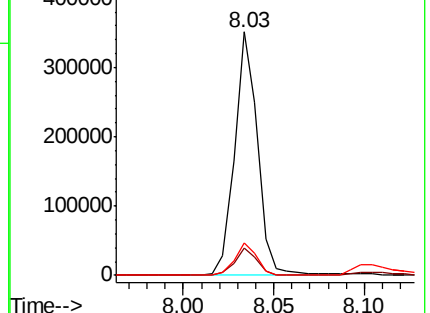
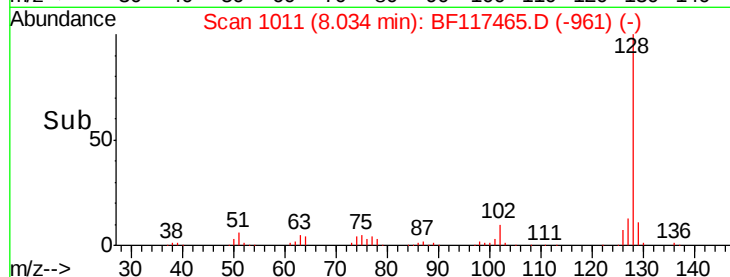
127 13.2 10.2 15.2



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: 22.841 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

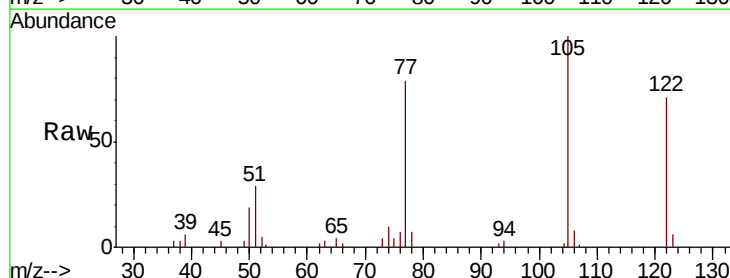
Tgt Ion:122 Resp: 49353

Ion Ratio Lower Upper

122 100

105 141.1 115.0 155.0

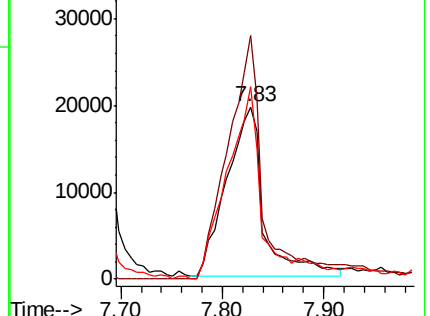
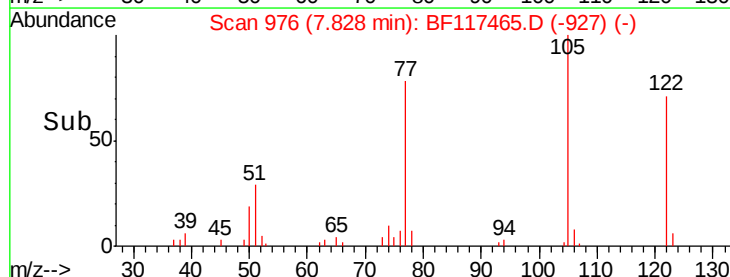
77 111.3 79.7 119.7

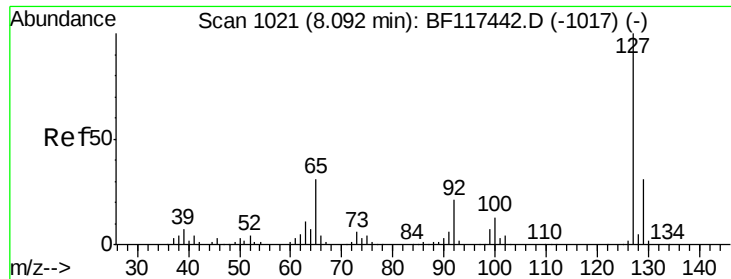


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

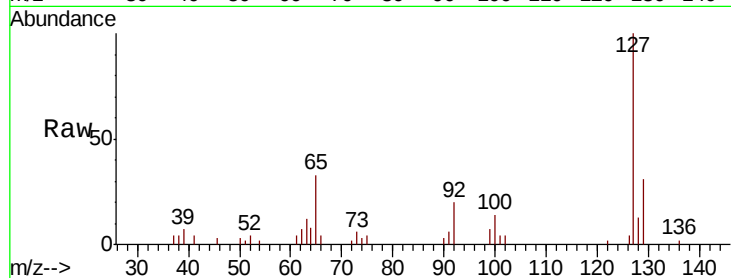




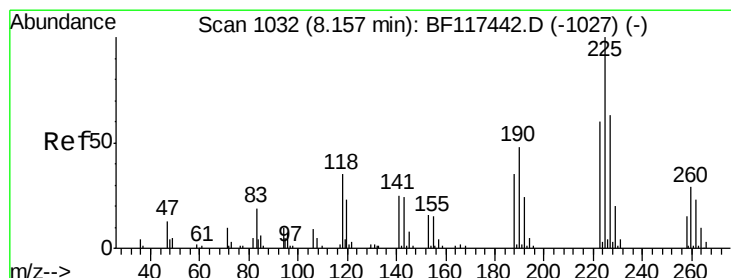
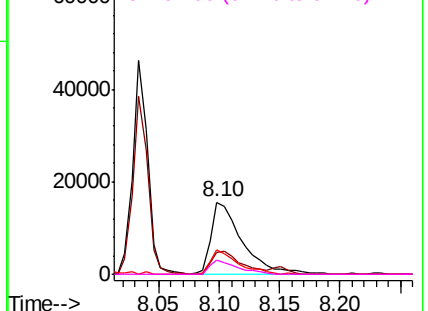
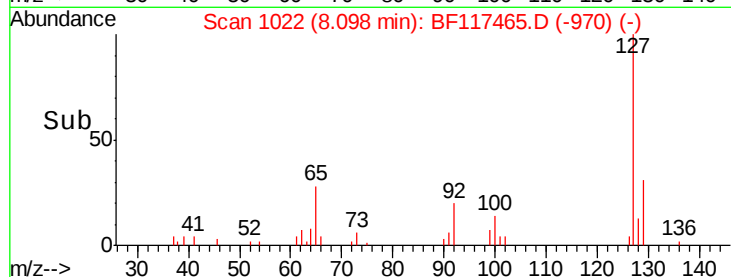
#33
4-Chloroaniline
Concen: 5.488 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	28005
Ion Ratio	Lower	Upper
127	100	
129	30.6	24.8 37.2
65	33.1	24.6 37.0
92	19.6	16.5 24.7

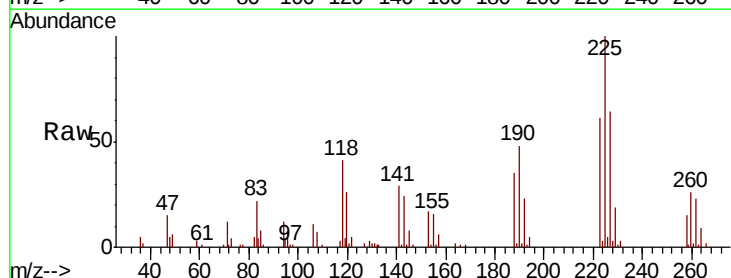


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

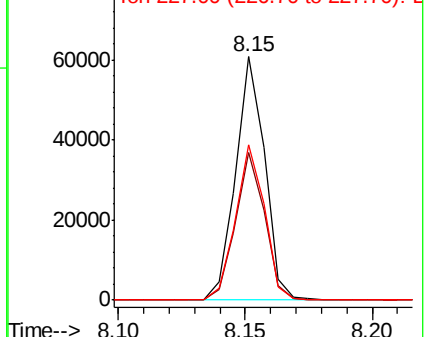
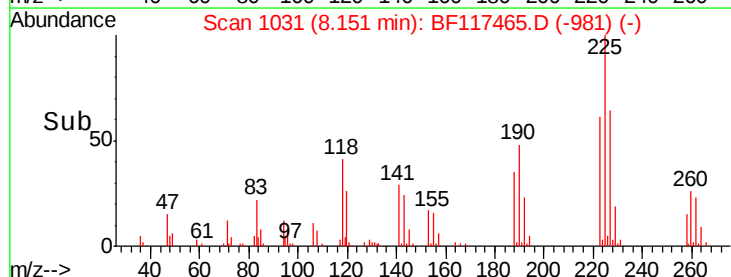


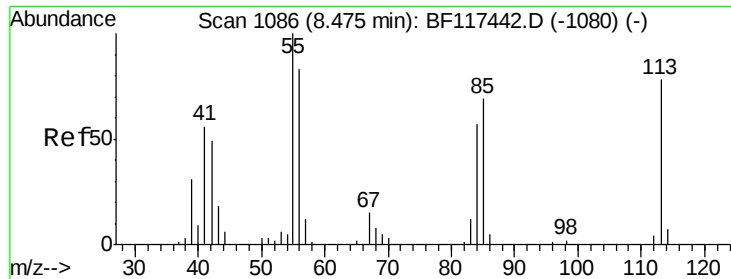
#34
Hexachlorobutadiene
Concen: 23.395 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:225	Resp:	48083
Ion Ratio	Lower	Upper
225	100	
223	60.8	48.2 72.4
227	63.6	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

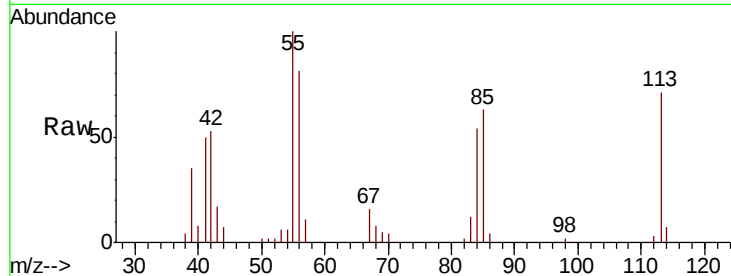




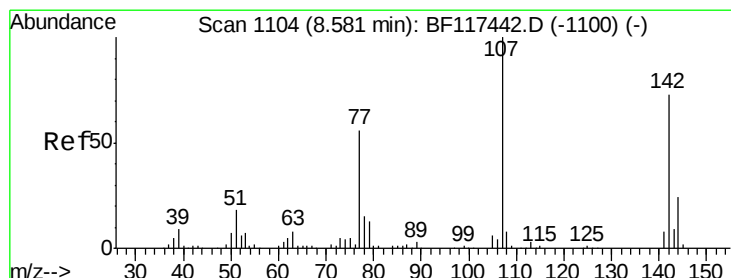
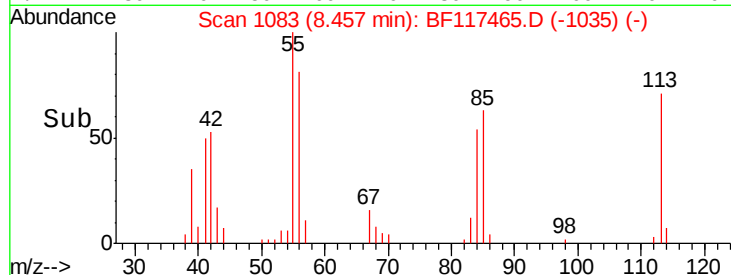
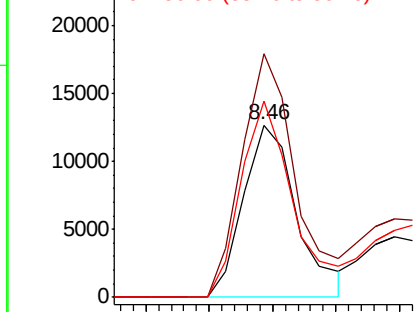
#35
Caprolactam
Concen: 14.007 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 14889
Ion Ratio Lower Upper
113 100
55 141.5 108.8 148.8
56 114.2 87.2 127.2

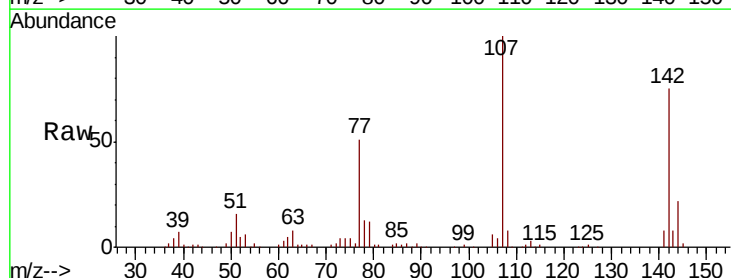


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

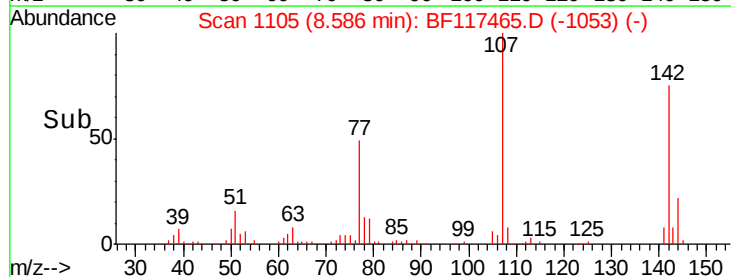
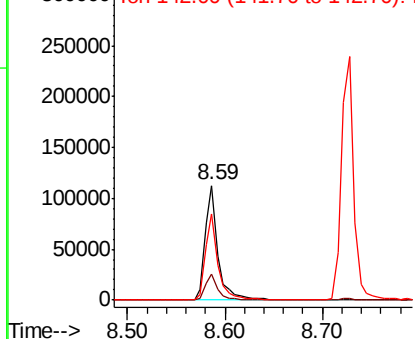


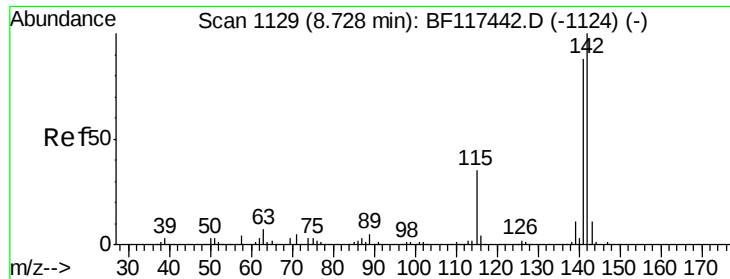
#36
4-Chloro-3-methylphenol
Concen: 27.280 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:107 Resp: 102945
Ion Ratio Lower Upper
107 100
144 22.4 18.9 28.3
142 74.5 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

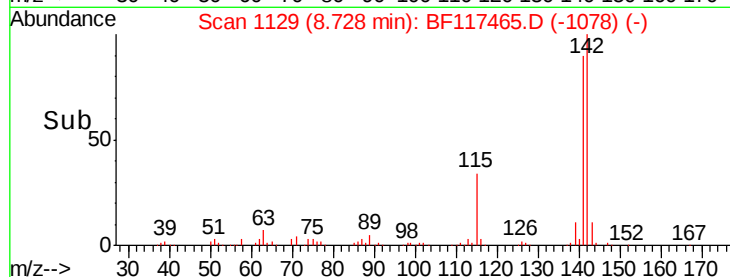
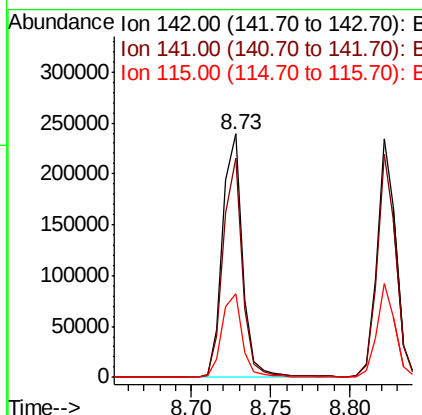
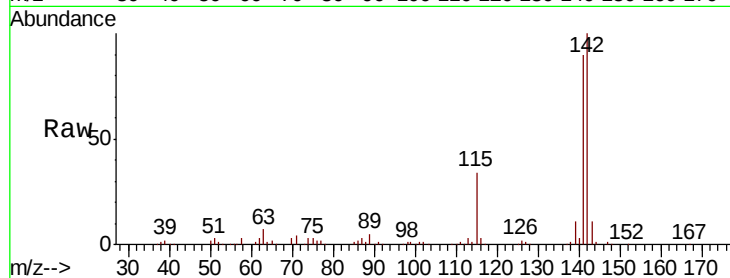




#37
 2-Methylnaphthalene
 Concen: 25.787 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

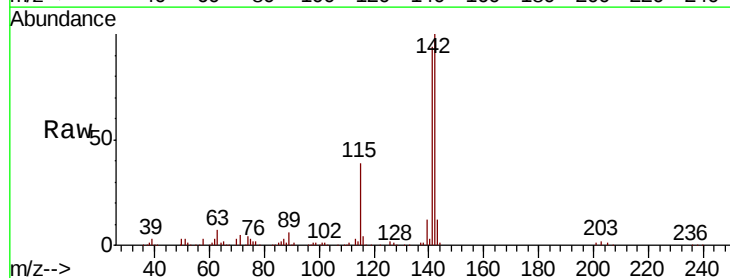
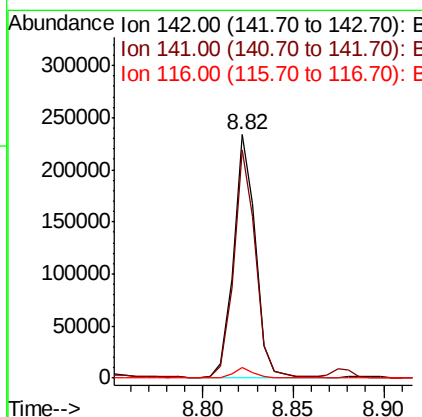
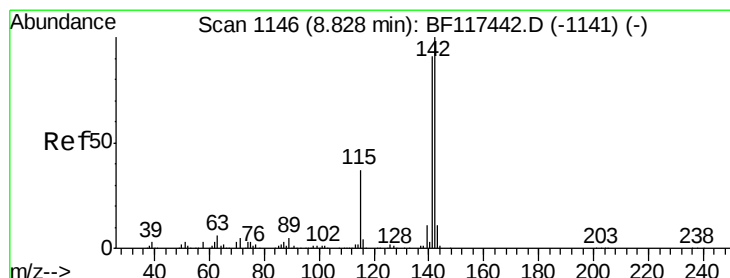
Instrument :
 BNA_F
 ClientSampleId :

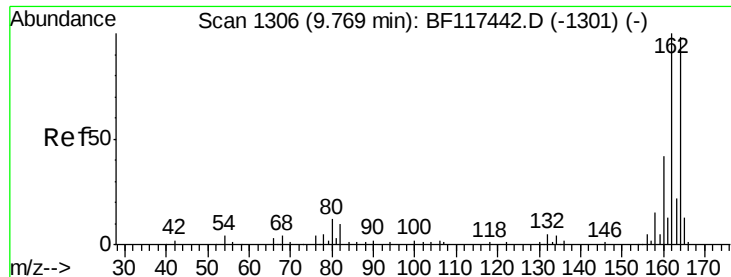
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	34.4	28.2	42.2



#38
 1-Methylnaphthalene
 Concen: 25.433 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.3	109.9
116	4.2	3.1	4.7

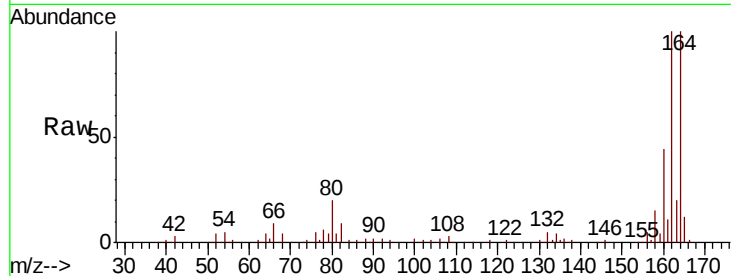




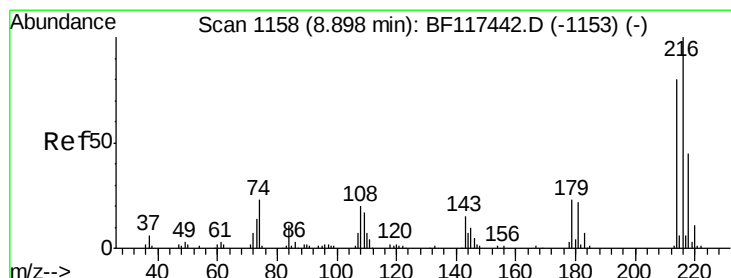
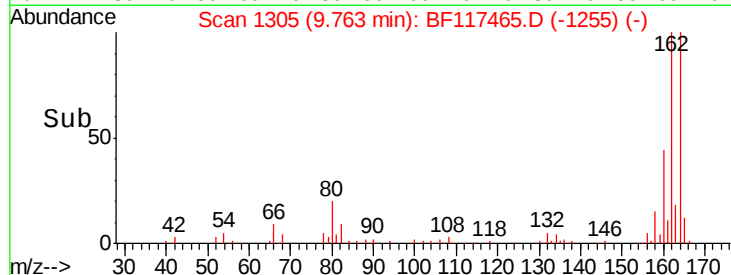
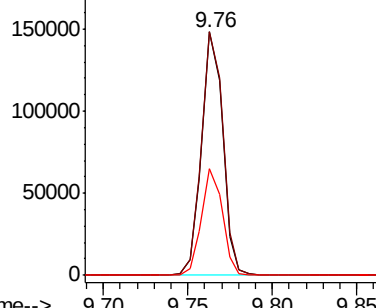
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 129151
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 43.8 34.4 51.6

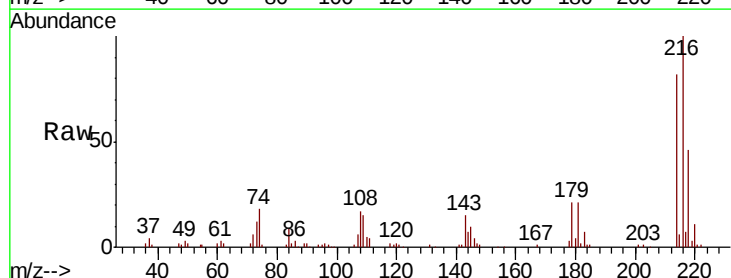


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

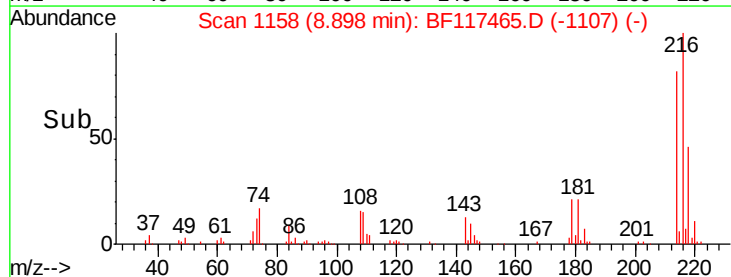
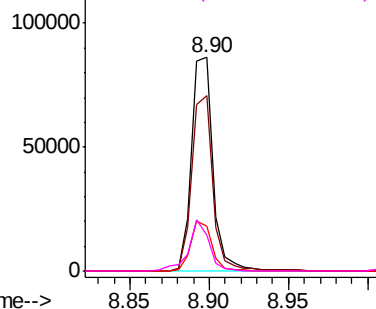


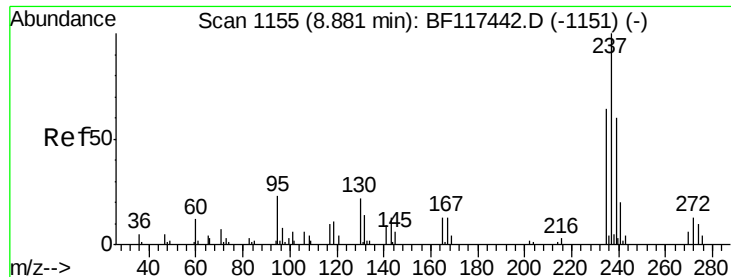
#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.166 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:216 Resp: 80583
Ion Ratio Lower Upper
216 100
214 80.9 62.4 93.6
179 23.1 18.1 27.1
108 22.8 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: 55.839 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

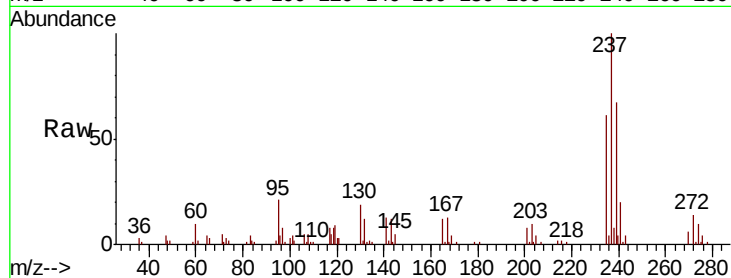
Tot Ion:237 Resp: 44366

Ion Ratio Lower Upper

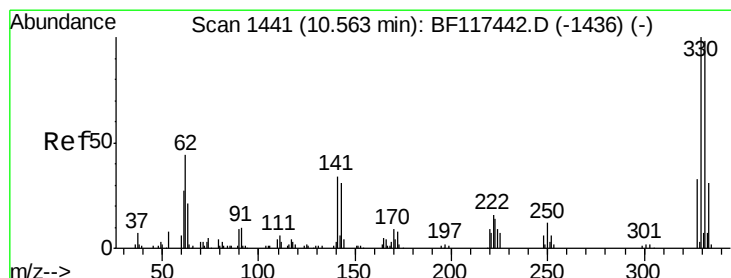
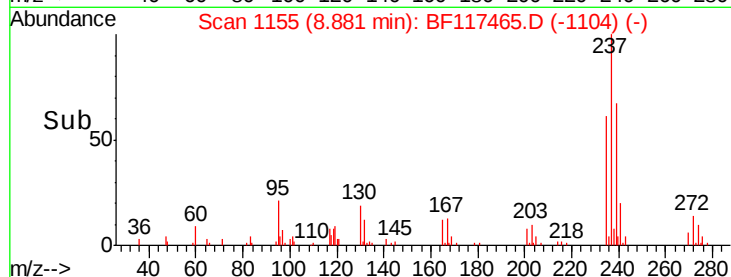
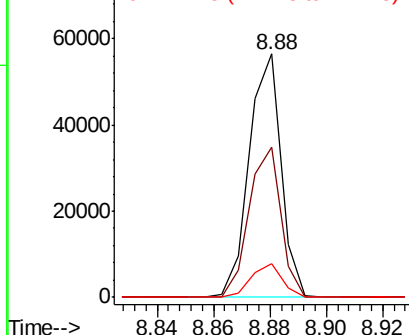
237 100

235 61.4 44.3 84.3

272 14.0 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: 79.003 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

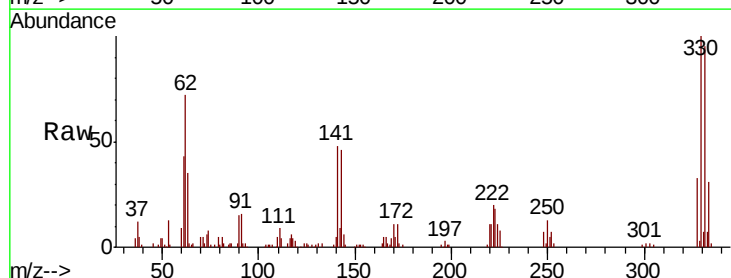
Tgt Ion:330 Resp: 88285

Ion Ratio Lower Upper

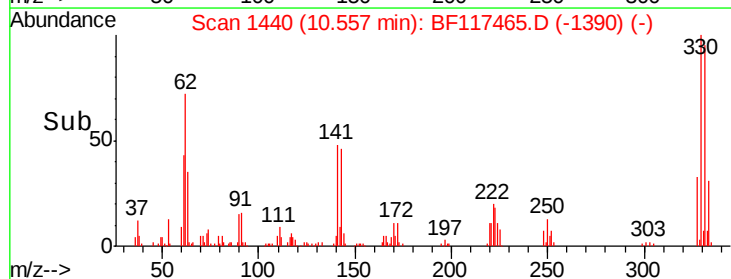
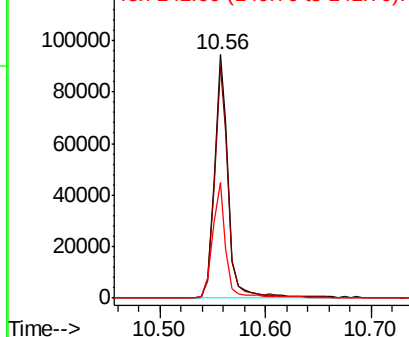
330 100

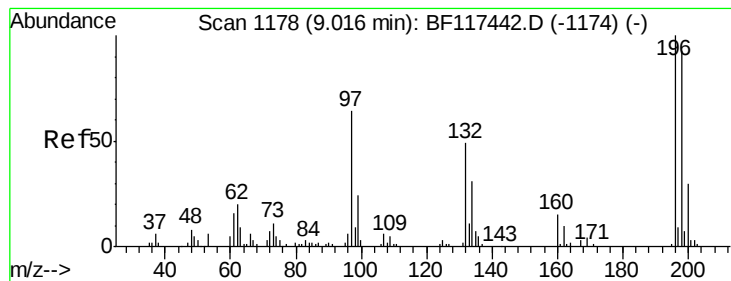
332 95.7 78.5 117.7

141 45.1 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: 24.924 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampled :

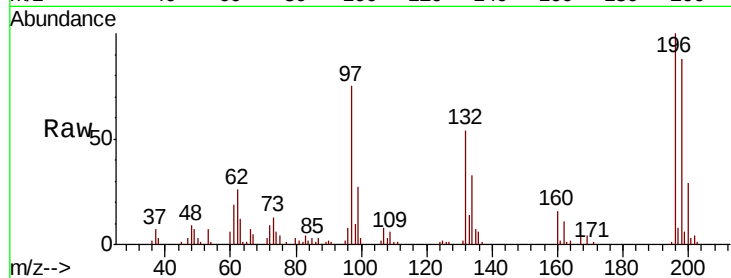
Tot Ion:196 Resp: 54293

Ion Ratio Lower Upper

196 100

198 87.9 74.1 111.1

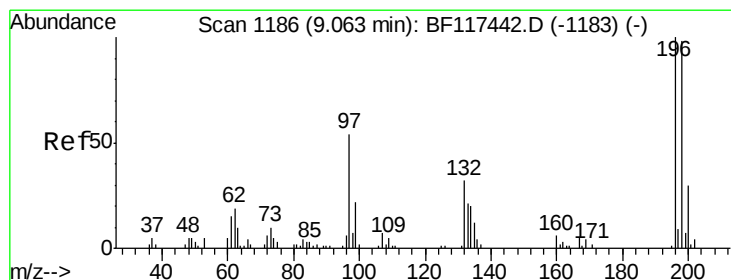
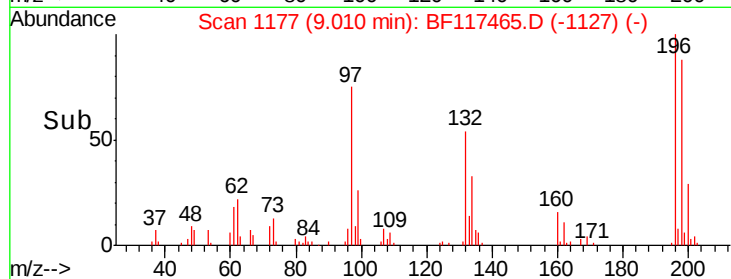
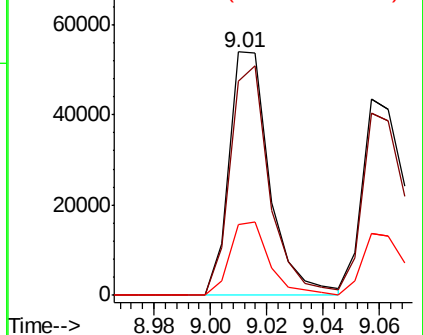
200 29.2 23.9 35.9



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: 26.493 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:196 Resp: 58480

Ion Ratio Lower Upper

196 100

198 92.7 78.6 117.8

97 65.5 43.4 65.2#

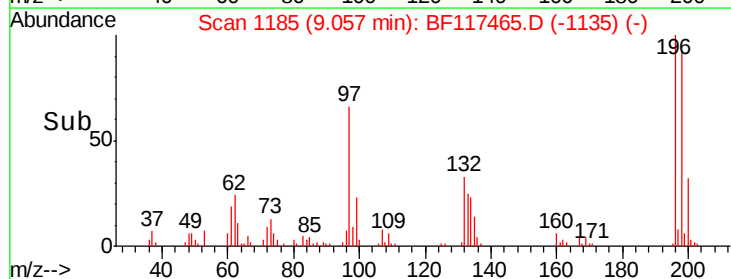
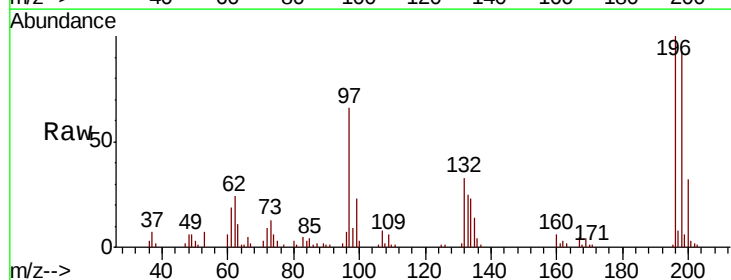
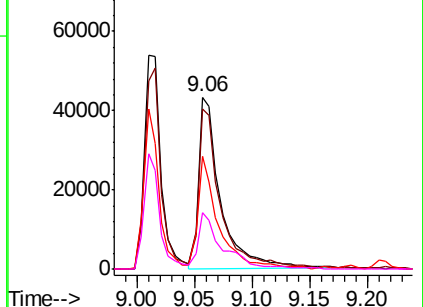
132 32.9 26.0 39.0

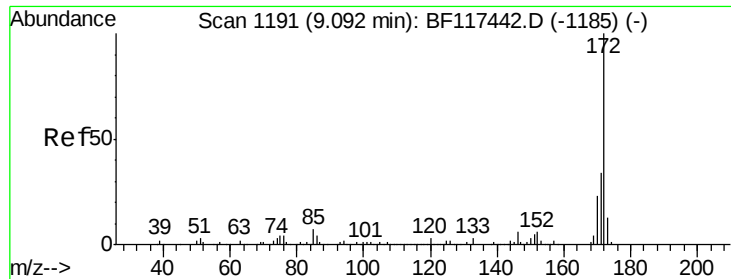
Abundance Ion 196.00 (195.70 to 196.70): E

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

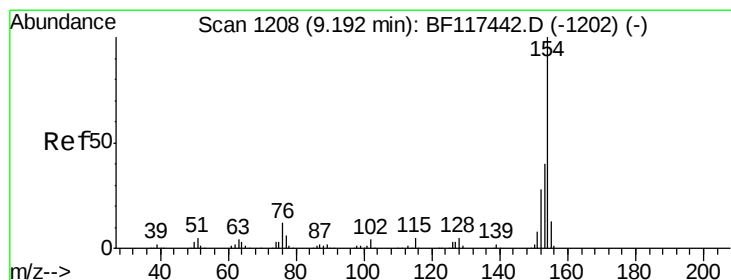
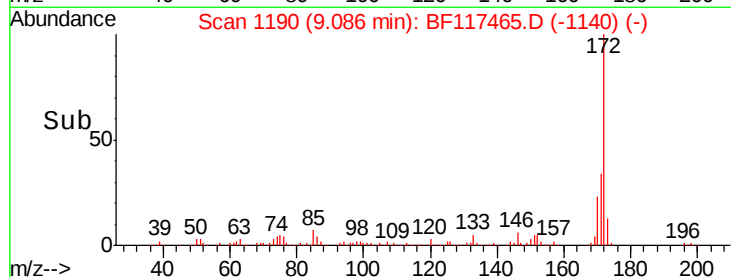
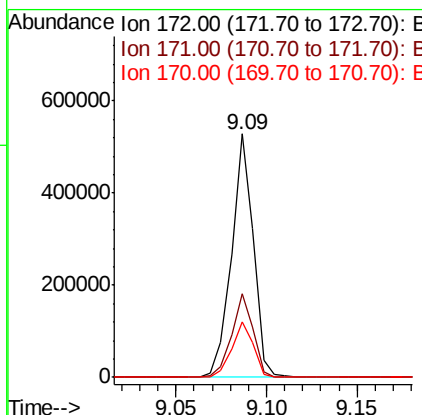
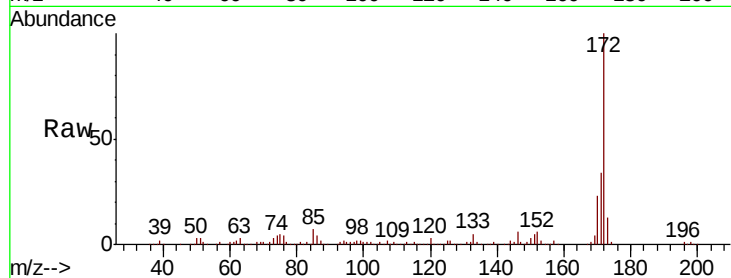




#45
2-Fluorobiphenyl
Concen: 48.230 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

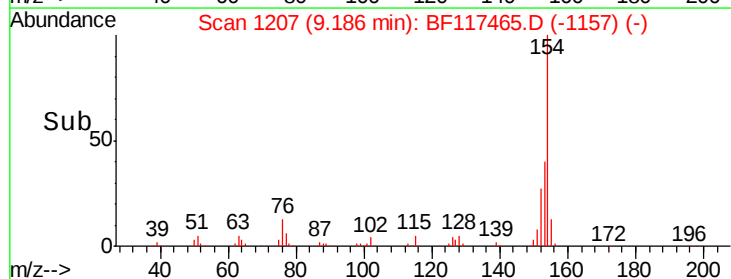
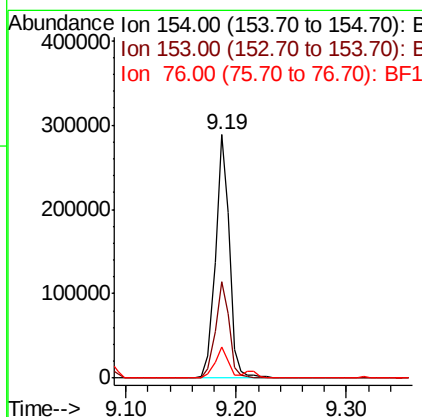
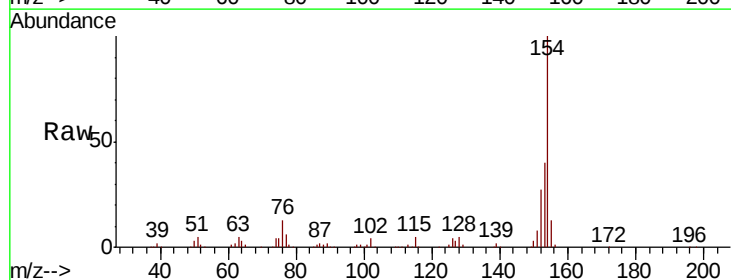
Instrument :
BNA_F
ClientSampleId :

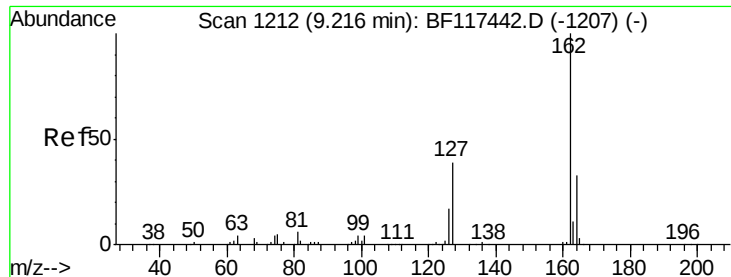
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.7	18.6	27.8



#46
1,1'-Biphenyl
Concen: 23.411 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	12.7	0.0	32.1

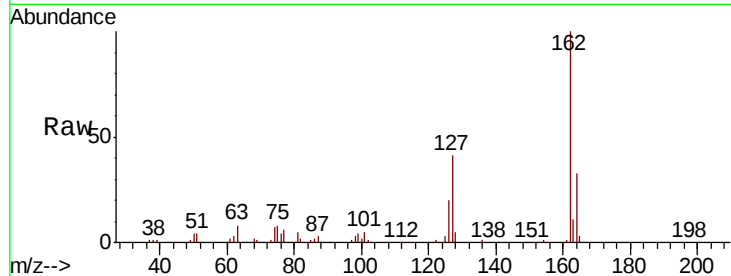




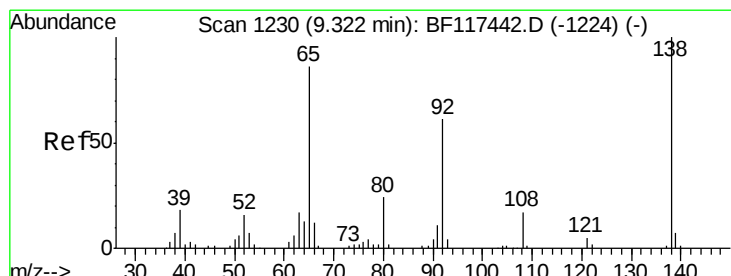
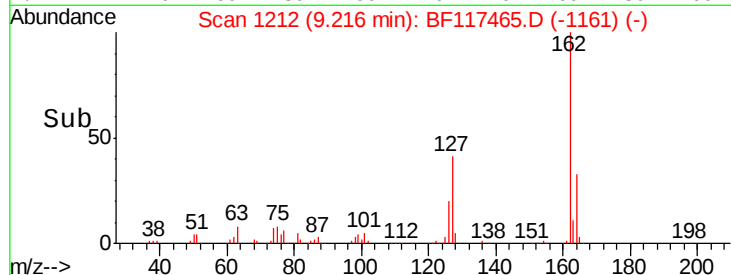
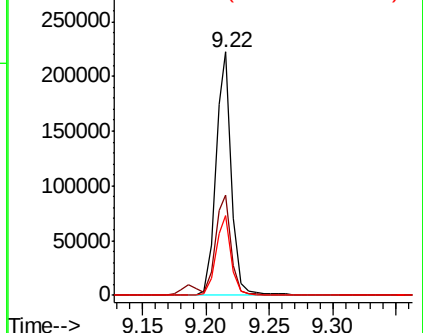
#47
 2-Chloronaphthalene
 Concen: 23.814 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.2	51.4
164	32.7	26.4	39.6

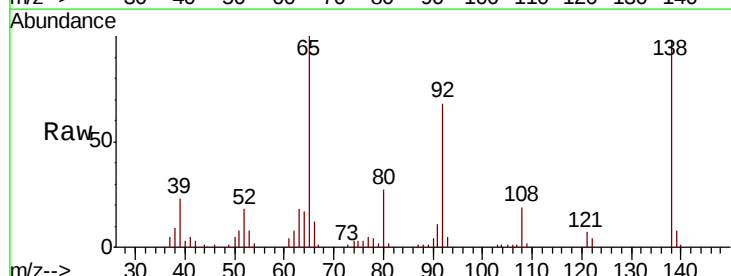


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

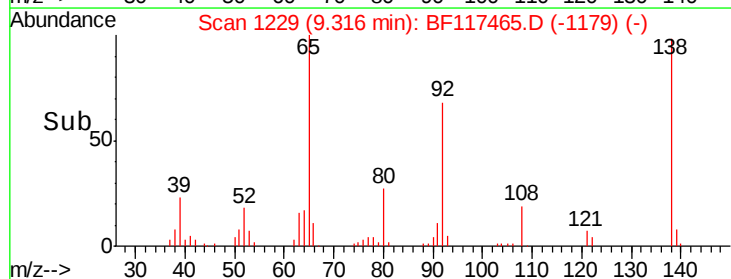
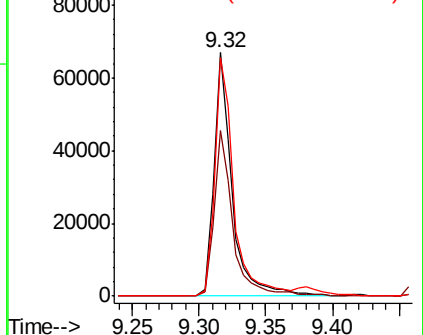


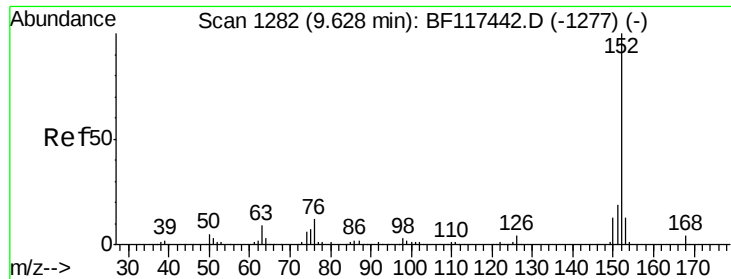
#48
 2-Nitroaniline
 Concen: 24.159 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	57.3	85.9
138	98.2	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: 25.127 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

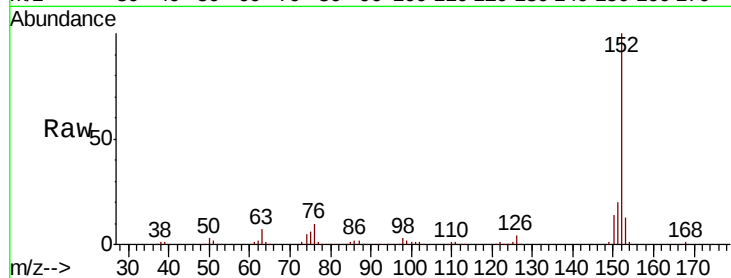
Tot Ion:152 Resp: 297527

Ion Ratio Lower Upper

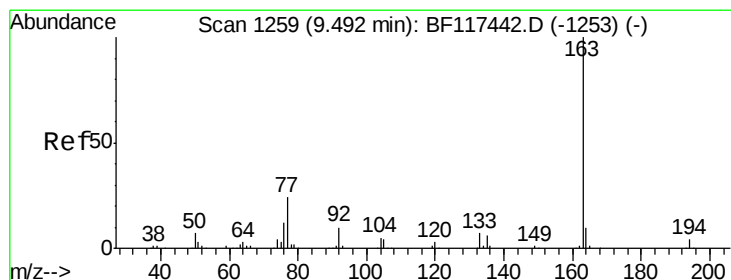
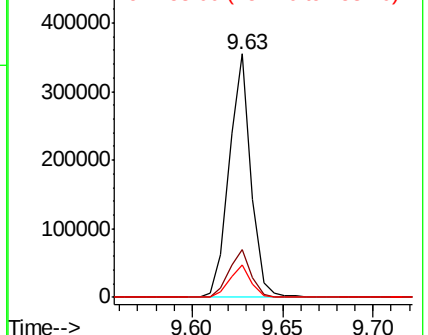
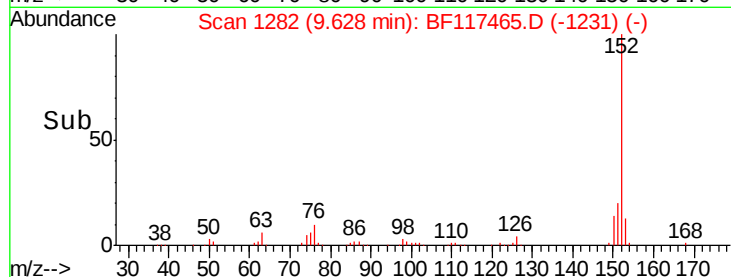
152 100

151 19.5 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: 32.600 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

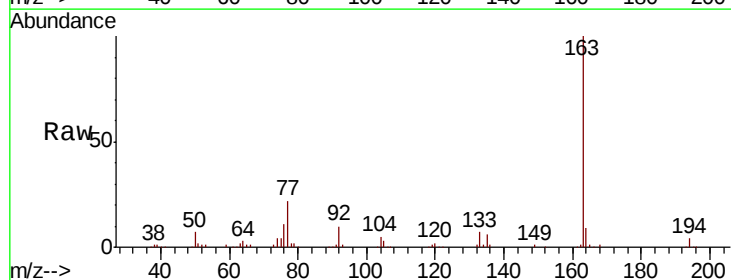
Tgt Ion:163 Resp: 300146

Ion Ratio Lower Upper

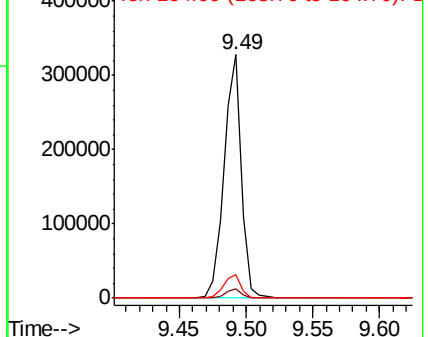
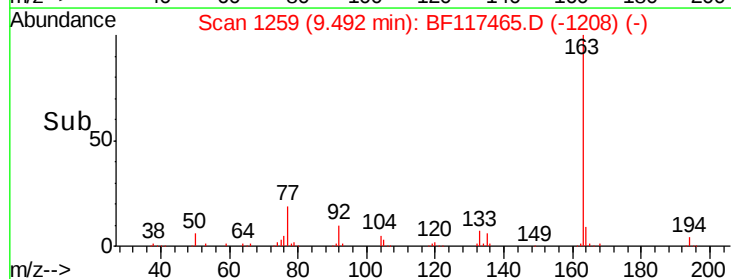
163 100

194 3.6 2.9 4.3

164 9.5 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

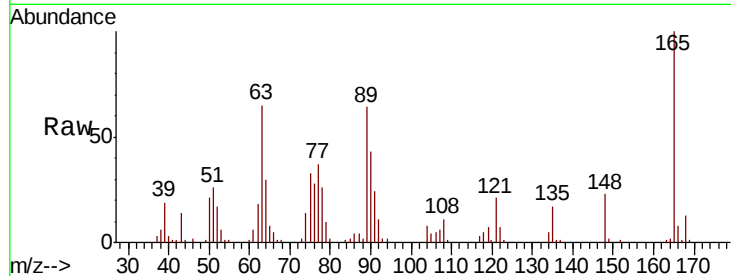




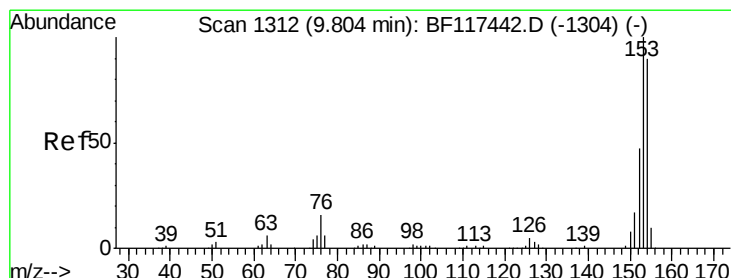
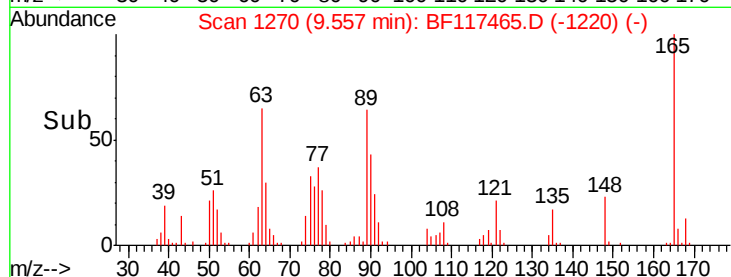
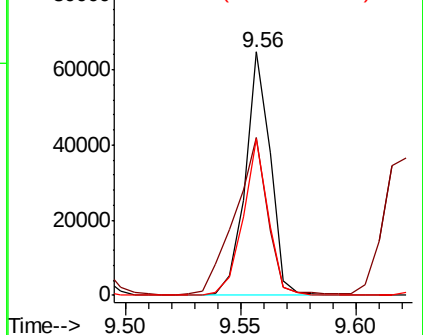
#51
 2,6-Dinitrotoluene
 Concen: 25.499 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 48991
 Ion Ratio Lower Upper
 165 100
 63 64.7 43.8 65.8
 89 64.5 47.6 71.4

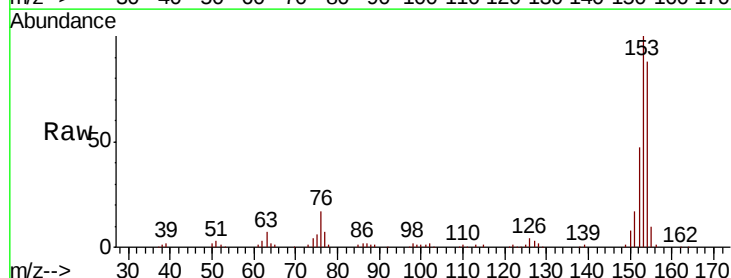


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

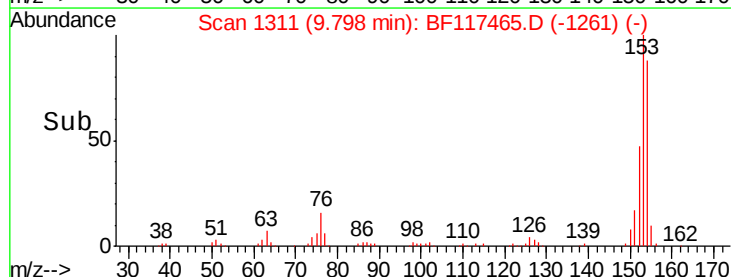
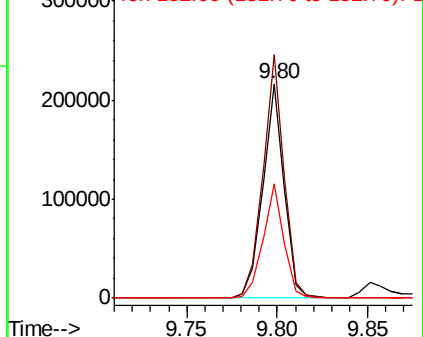


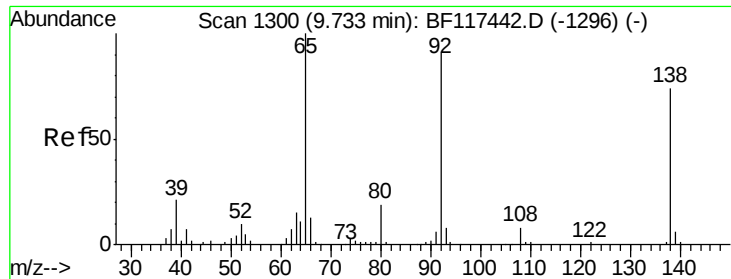
#52
 Acenaphthene
 Concen: 24.386 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:154 Resp: 177160
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.2 133.8
 152 53.2 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

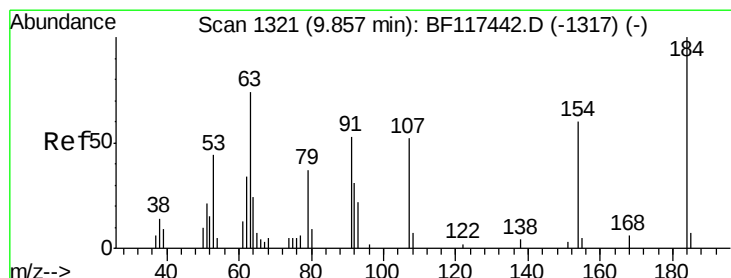
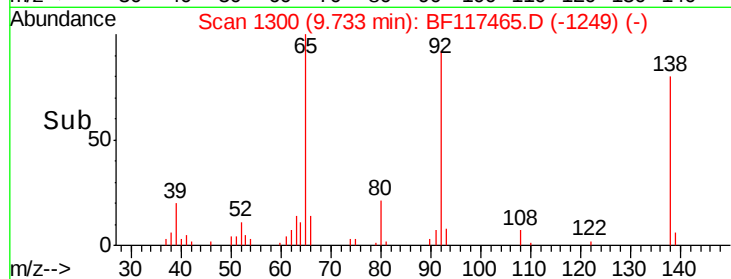
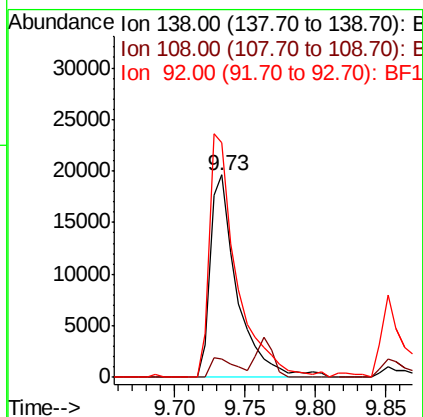
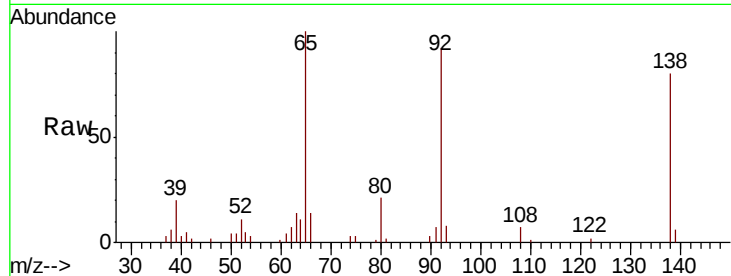




#53
 3-Nitroaniline
 Concen: 11.136 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

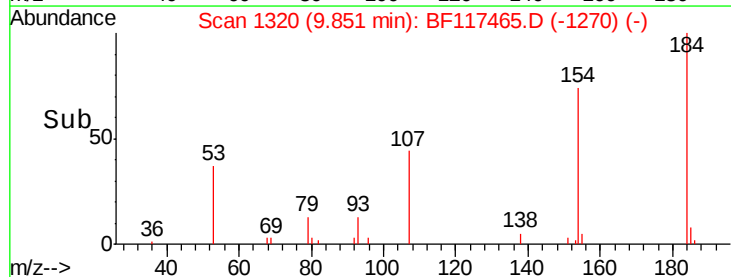
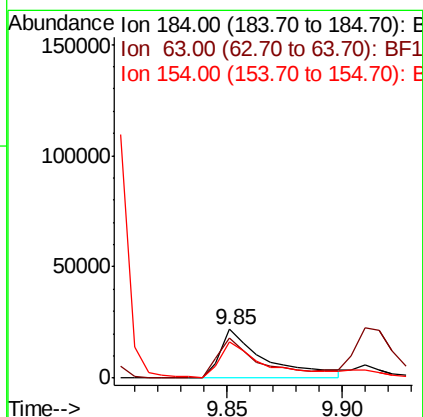
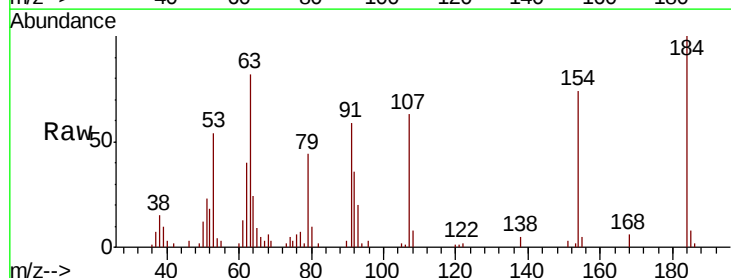
Instrument :
 BNA_F
 ClientSampleId :

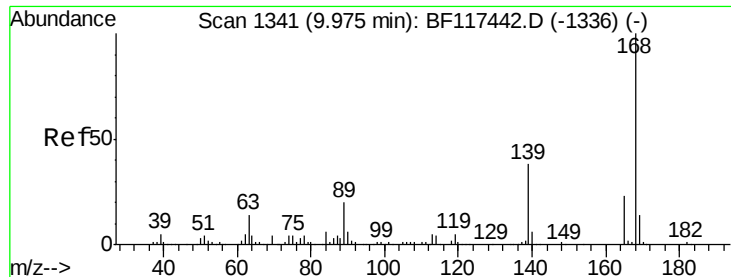
Tot Ion:138 Resp: 25960
 Ion Ratio Lower Upper
 138 100
 108 8.9 8.7 13.1
 92 115.8 98.4 147.6



#54
 2,4-Dinitrophenol
 Concen: 39.447 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:184 Resp: 29431
 Ion Ratio Lower Upper
 184 100
 63 82.5 59.2 88.8
 154 74.2 53.4 80.0

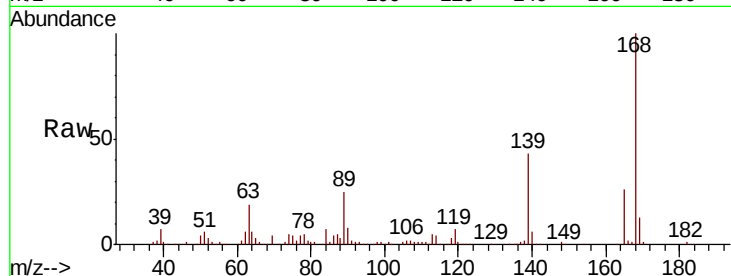




#55
Dibenzenofuran
Concen: 25.503 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.8	31.8	47.6
169	13.4	11.2	16.8

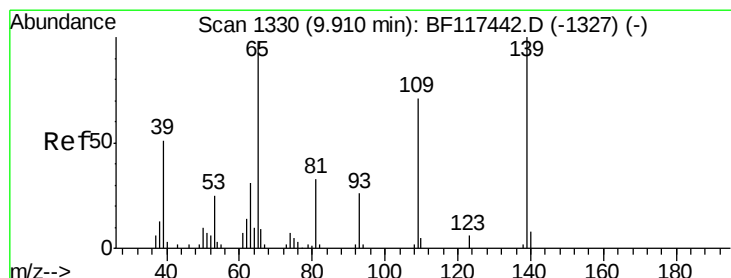
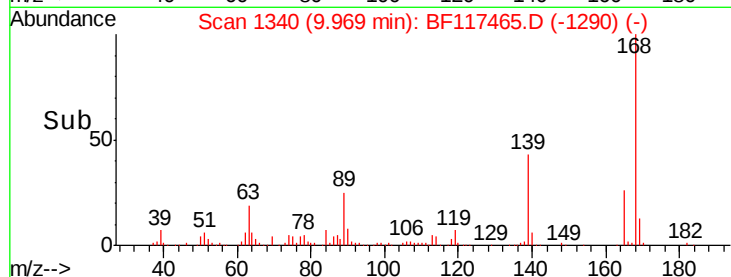
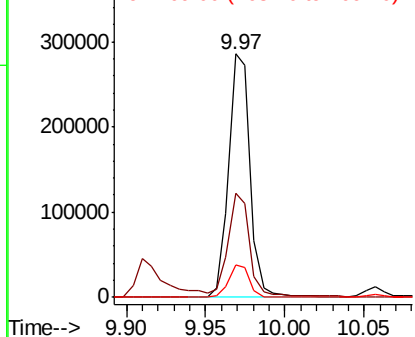


Abundance

Ion 168.00 (167.70 to 168.70): E

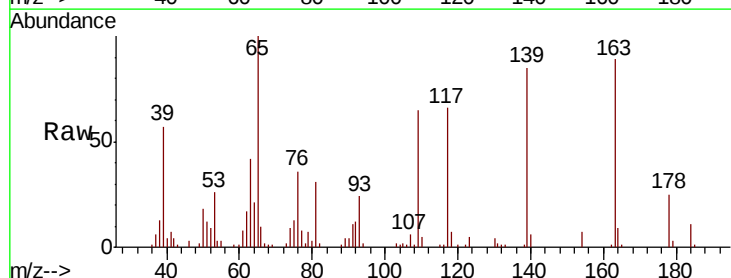
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 54.305 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	51.4	91.4
65	117.0	79.4	119.4

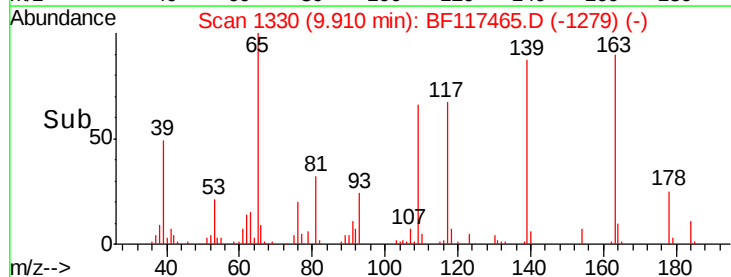
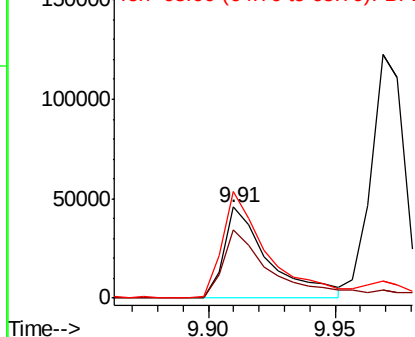


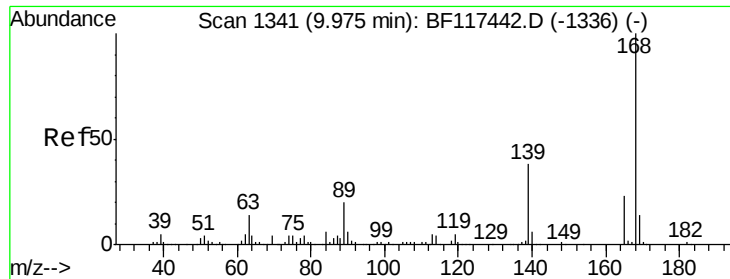
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

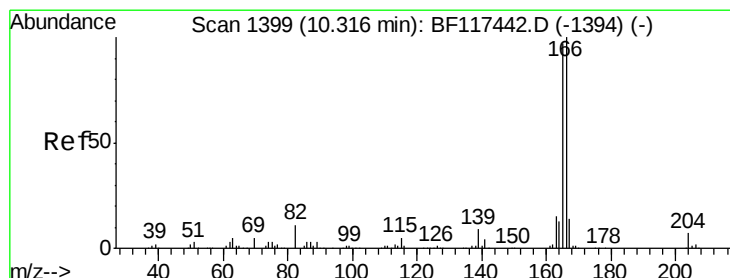
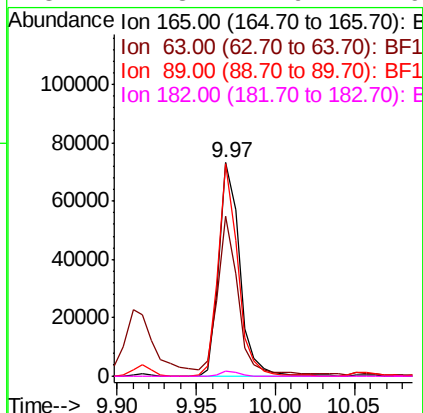
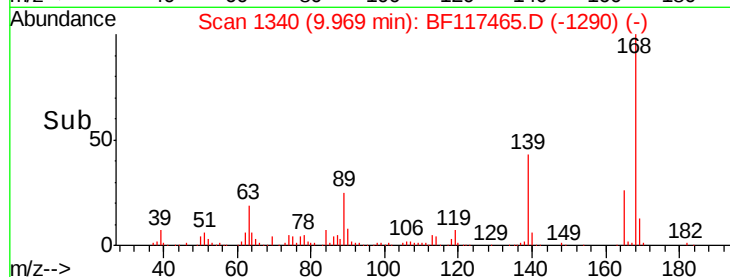
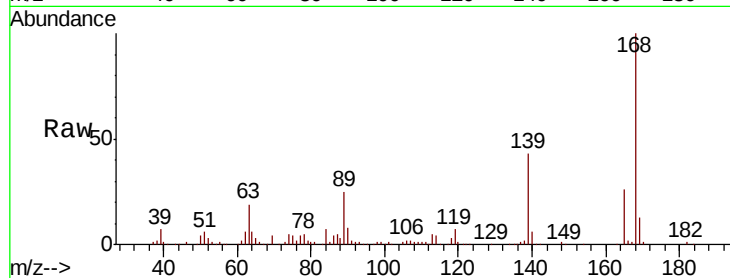




#57
2,4-Dinitrotoluene
Concen: 26.203 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

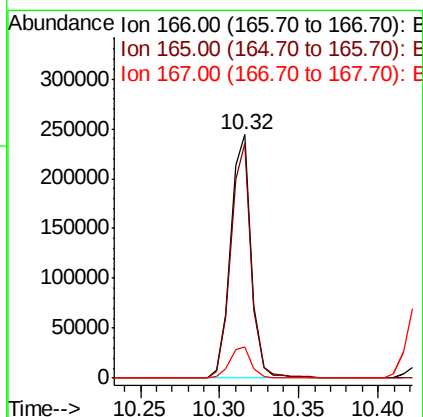
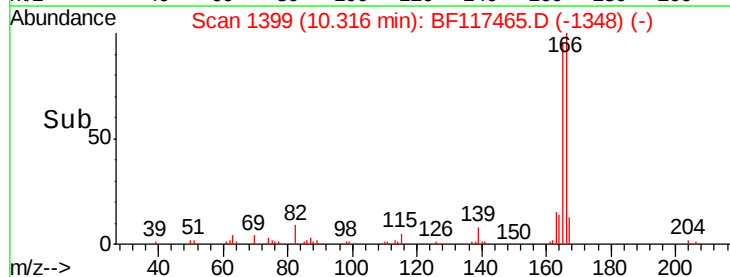
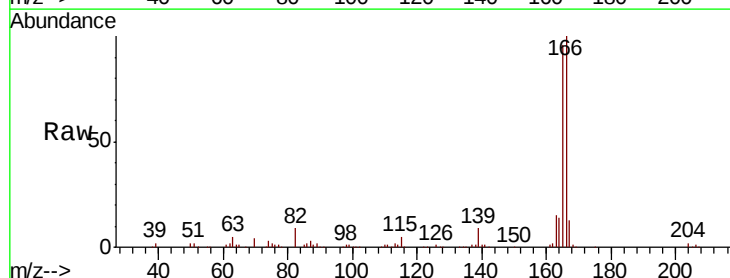
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 66933
Ion Ratio Lower Upper
165 100
63 75.0 51.4 77.0
89 99.4 69.9 104.9
182 2.3 1.9 2.9



#58
Fluorene
Concen: 25.405 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:166 Resp: 221125
Ion Ratio Lower Upper
166 100
165 96.1 77.6 116.4
167 12.5 11.0 16.4

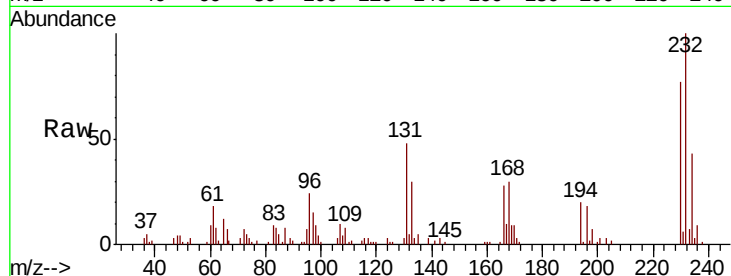




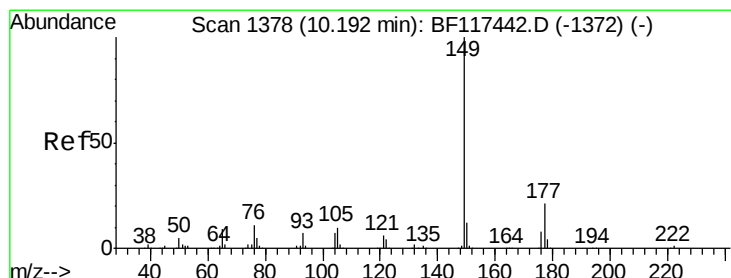
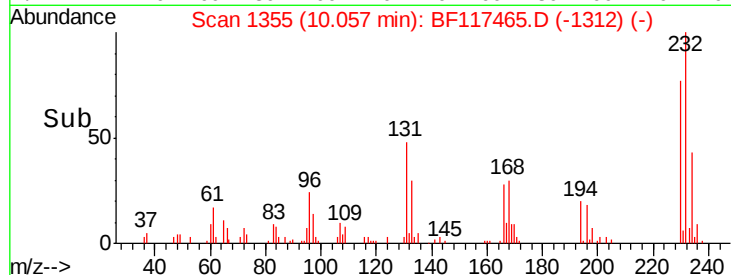
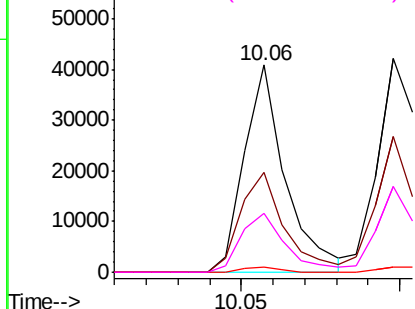
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.269 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.05 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 36899
Ion Ratio Lower Upper
232 100
131 51.9 42.6 63.8
130 2.4 2.2 3.4
166 31.0 27.5 41.3

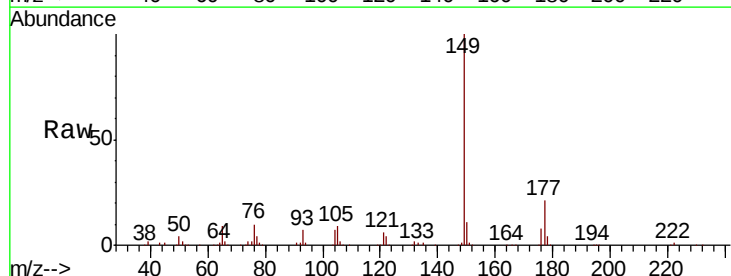


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

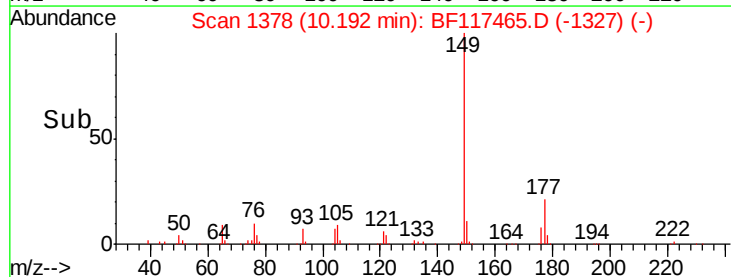
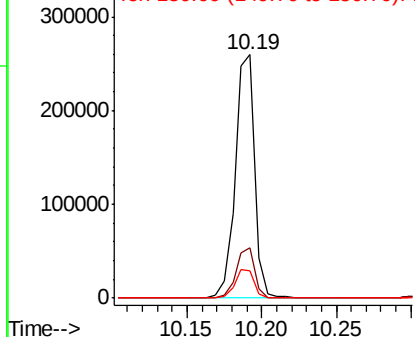


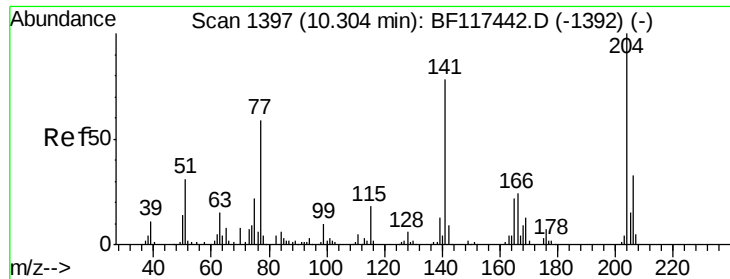
#60
Diethylphthalate
Concen: 25.504 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:149 Resp: 237511
Ion Ratio Lower Upper
149 100
177 20.8 17.0 25.4
150 11.4 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

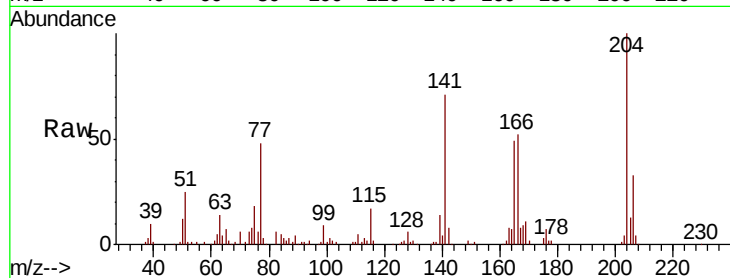




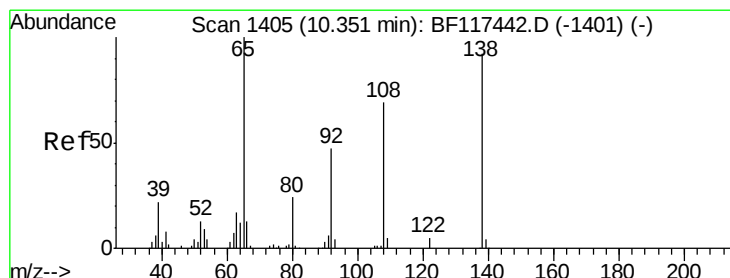
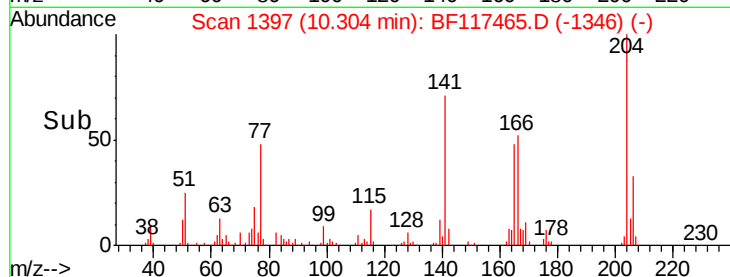
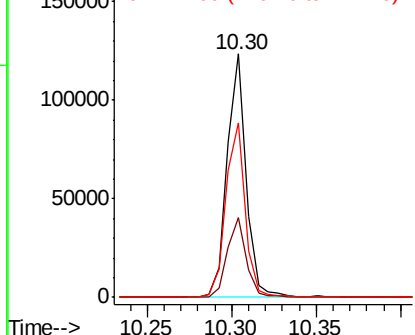
#61
4-Chlorophenyl-phenylether
Concen: 24.612 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 96111
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 71.5 62.2 93.4

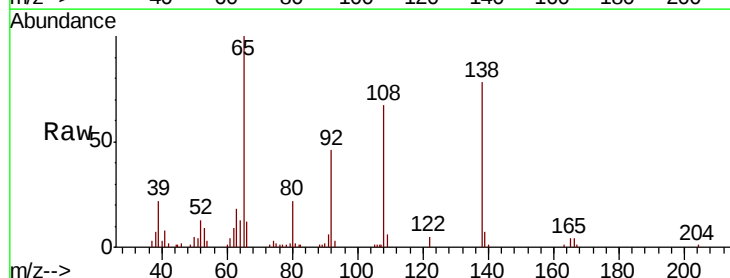


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

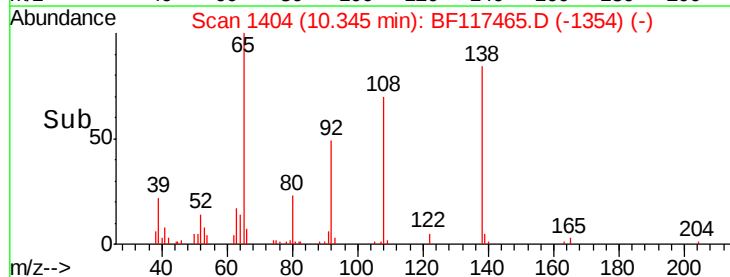
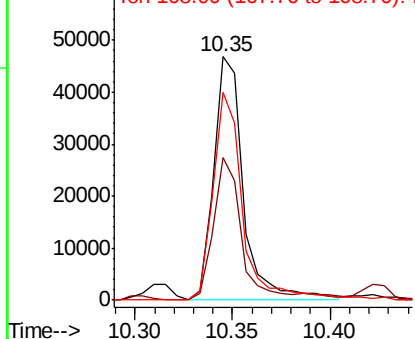


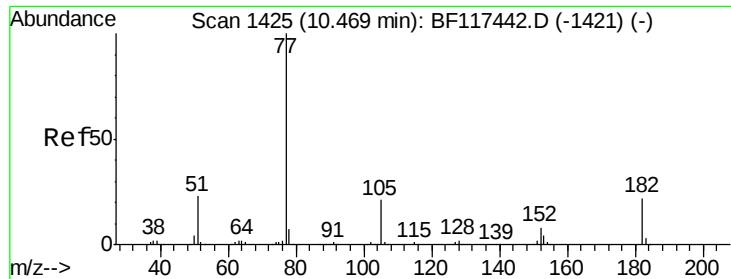
#62
4-Nitroaniline
Concen: 22.526 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:138 Resp: 49495
Ion Ratio Lower Upper
138 100
92 58.4 30.3 70.3
108 85.2 54.9 94.9



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

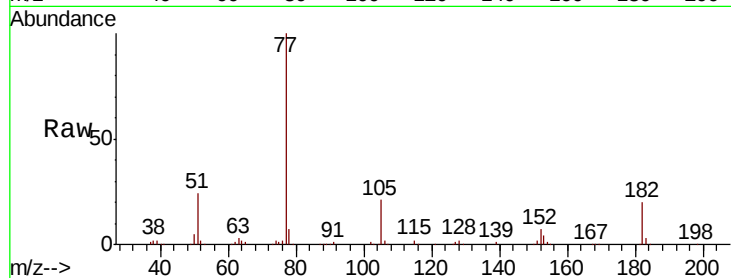




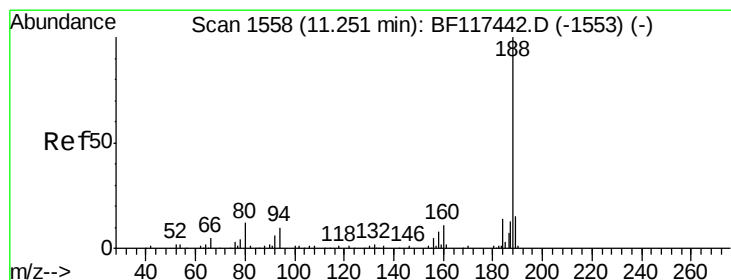
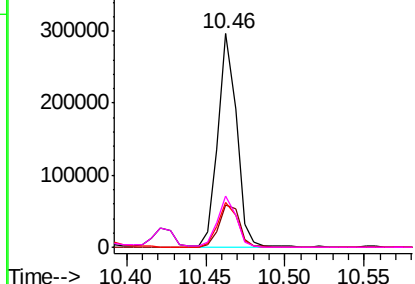
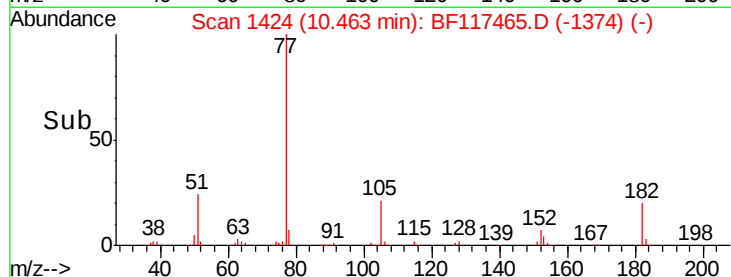
#63
Azobenzene
Concen: 25.515 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 243240
Ion Ratio Lower Upper
77 100
182 19.9 2.3 42.3
105 20.9 1.3 41.3
51 24.2 3.5 43.5

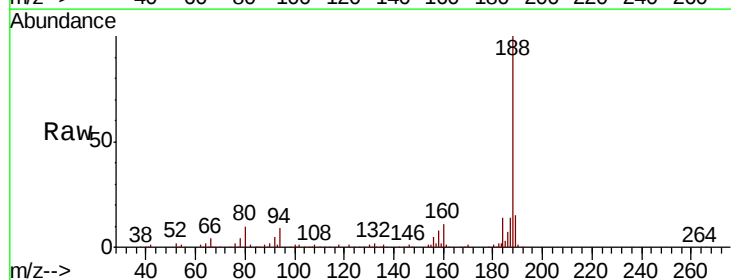


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

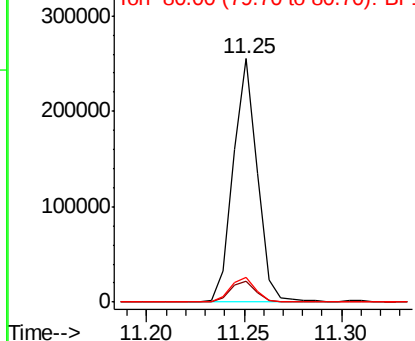
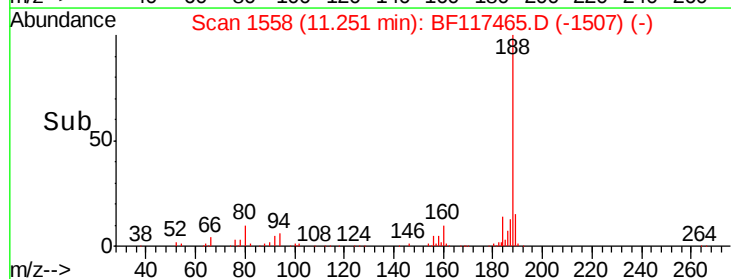


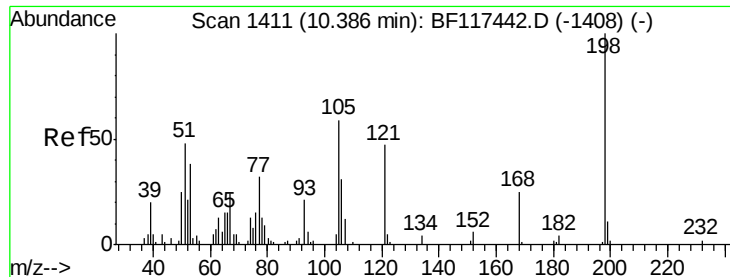
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion: 188 Resp: 218692
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.2 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: 24.936 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

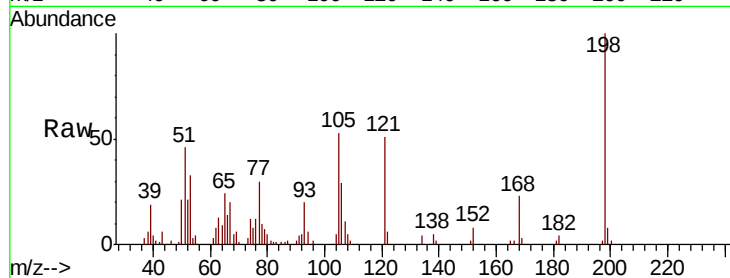
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 27726

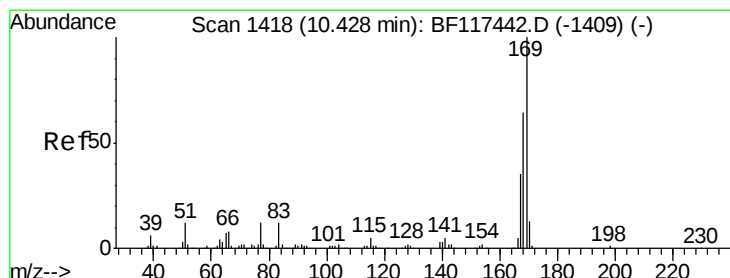
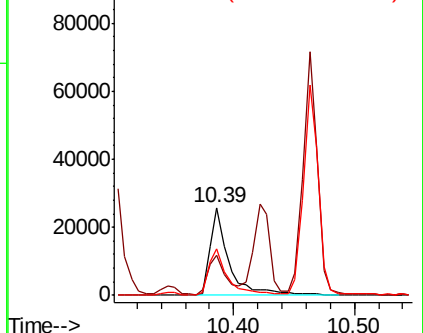
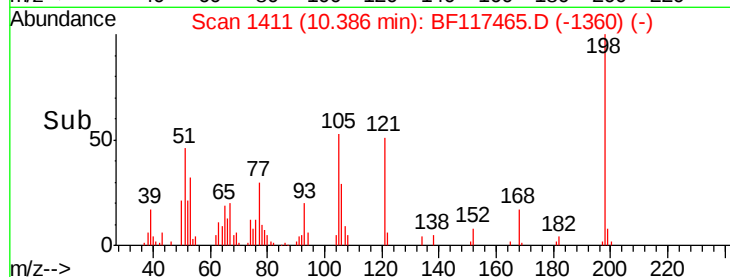
Ion	Ratio	Lower	Upper
198	100		
51	46.1	29.1	69.1
105	53.5	39.4	79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 24.507 ng

RT: 10.43 min Scan# 1418

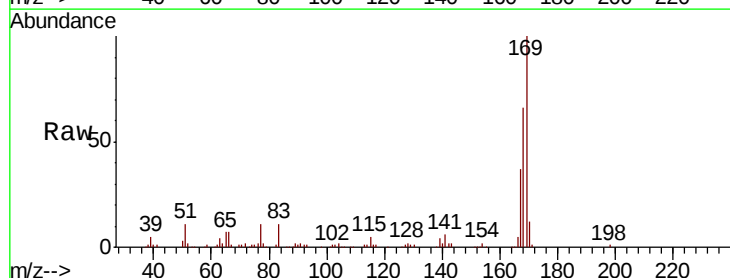
Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:169 Resp: 195934

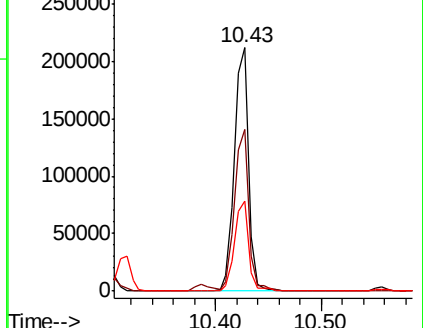
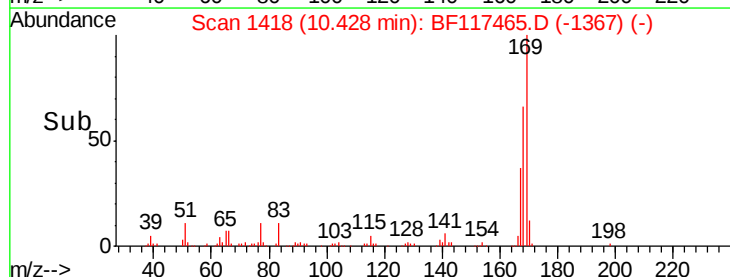
Ion	Ratio	Lower	Upper
169	100		
168	66.4	51.3	76.9
167	36.8	28.2	42.4

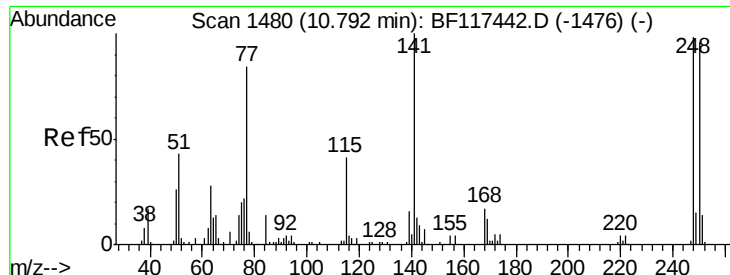


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

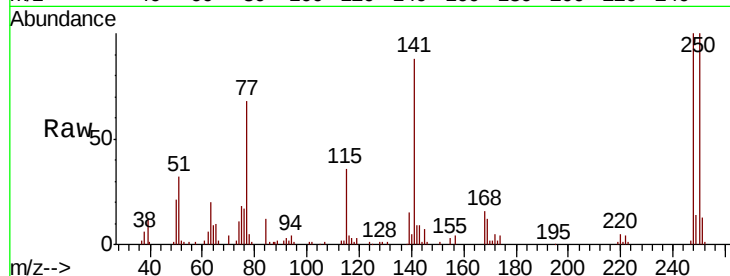




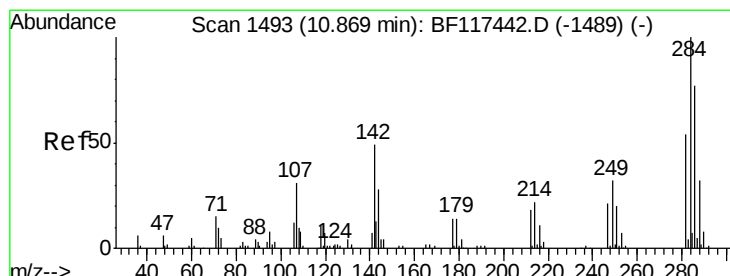
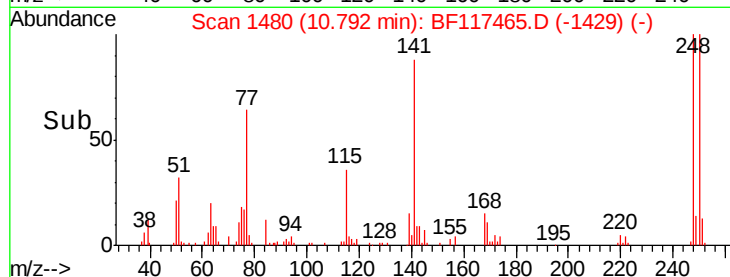
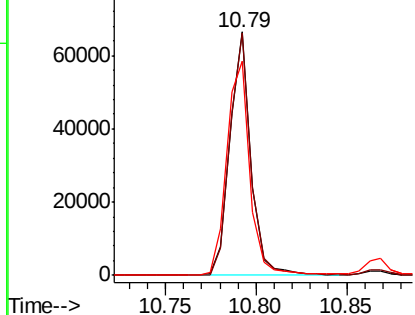
#67
 4-Bromophenyl-phenylether
 Concen: 22.902 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 53948
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.0 117.0
 141 87.9 81.7 122.5

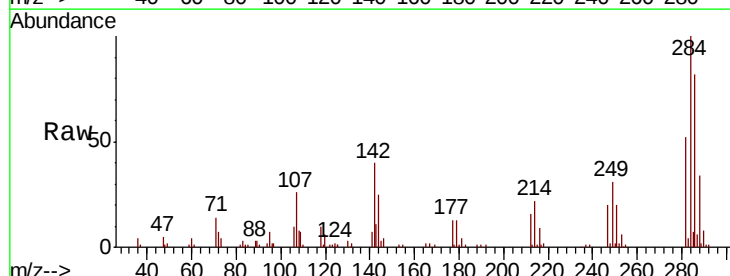


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

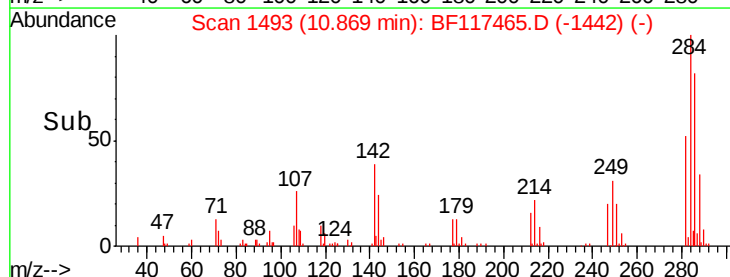
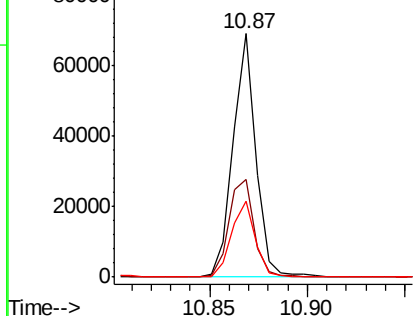


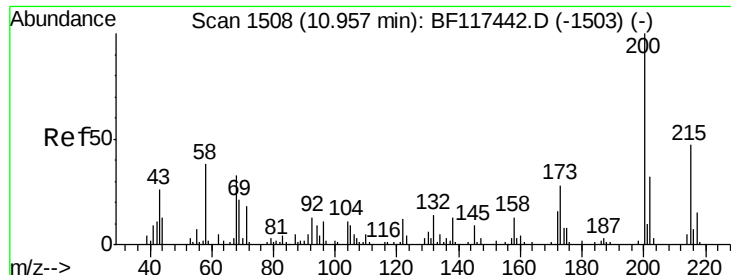
#68
 Hexachlorobenzene
 Concen: 22.357 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:284 Resp: 56399
 Ion Ratio Lower Upper
 284 100
 142 40.3 39.0 58.6
 249 31.0 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

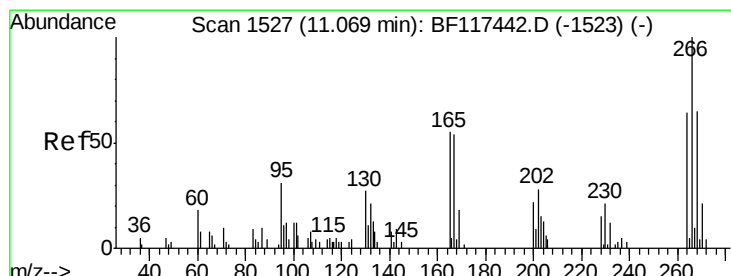
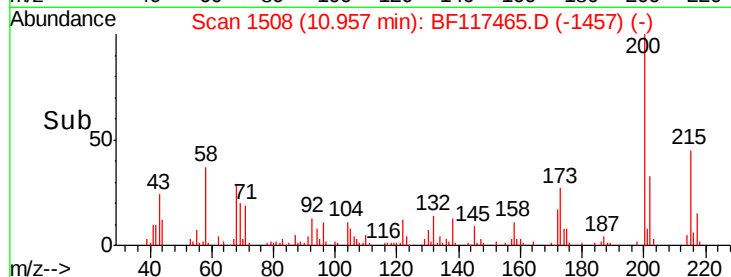
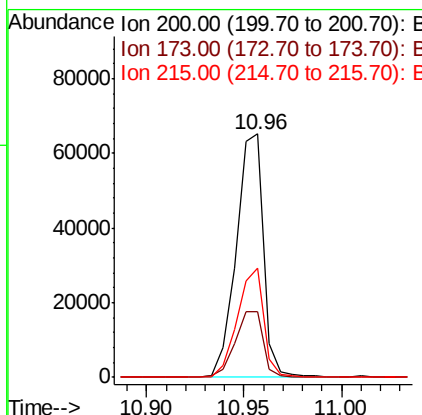
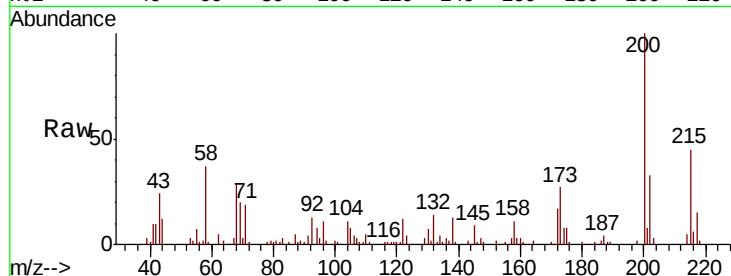




#69
 Atrazine
 Concen: 30.928 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

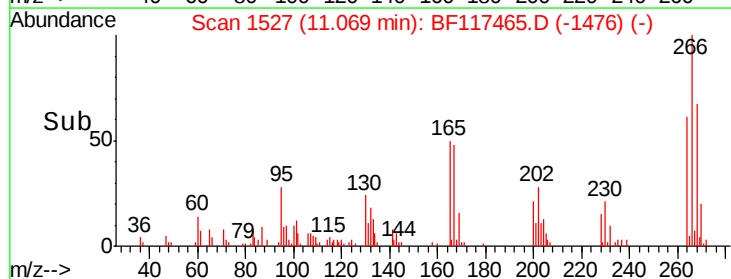
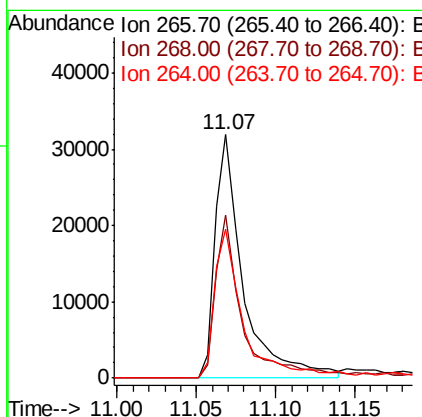
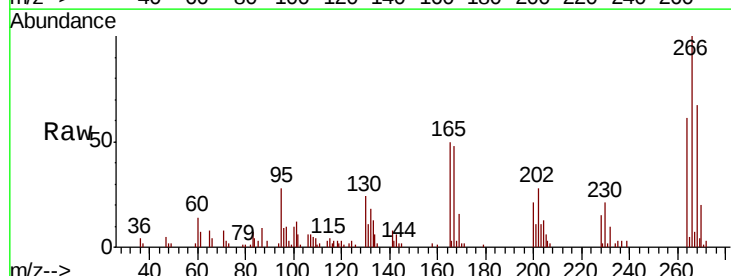
Instrument :
 BNA_F
 ClientSampleId :

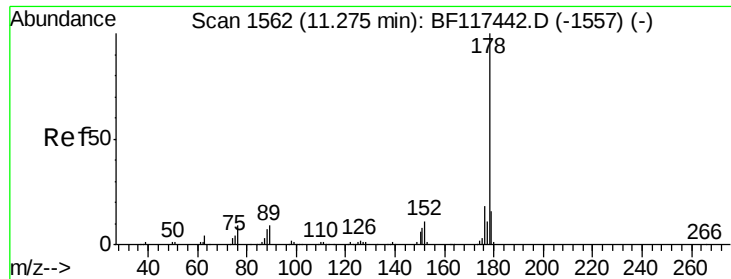
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.2	48.2
215	45.0	26.8	66.8



#70
 Pentachlorophenol
 Concen: 51.993 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.6	77.4
264	61.3	51.4	77.2





#71

Phenanthrene

Concen: 24.740 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

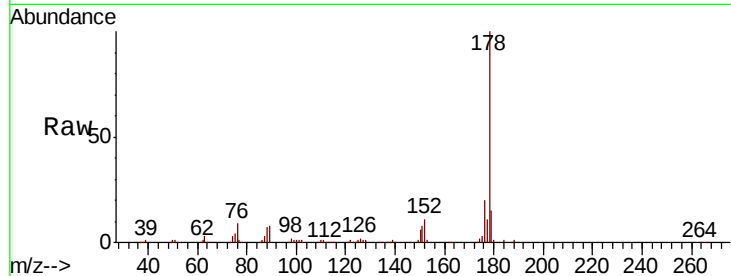
Tot Ion:178 Resp: 314169

Ion Ratio Lower Upper

178 100

176 19.7 14.6 22.0

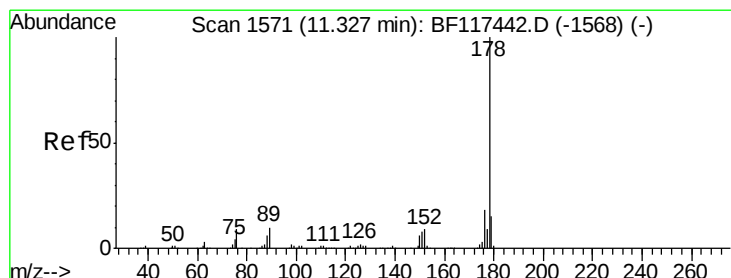
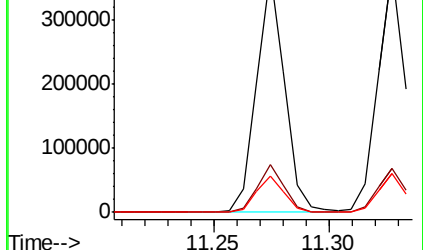
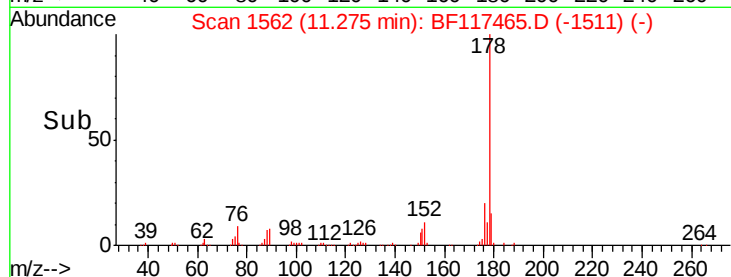
179 14.9 12.6 19.0



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: 25.432 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

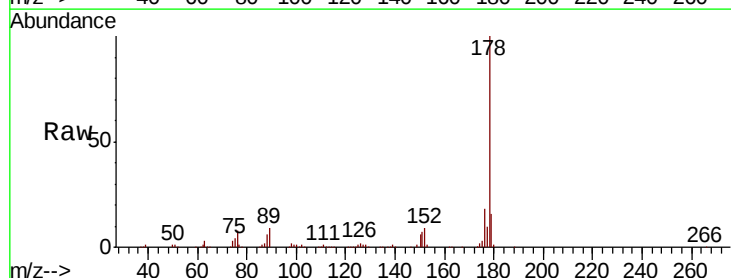
Tgt Ion:178 Resp: 331373

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

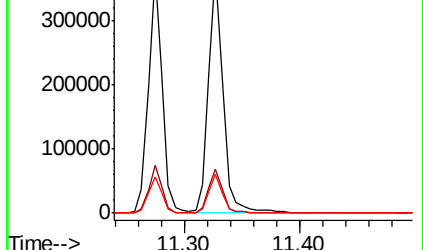
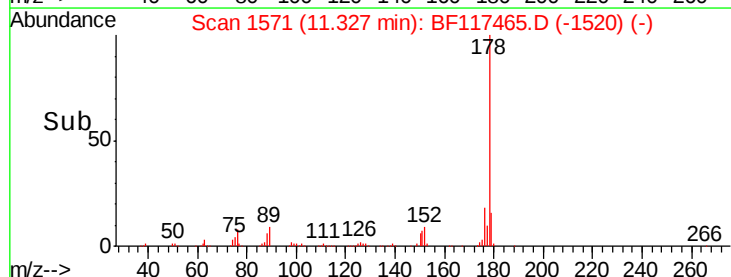
179 15.8 12.2 18.2

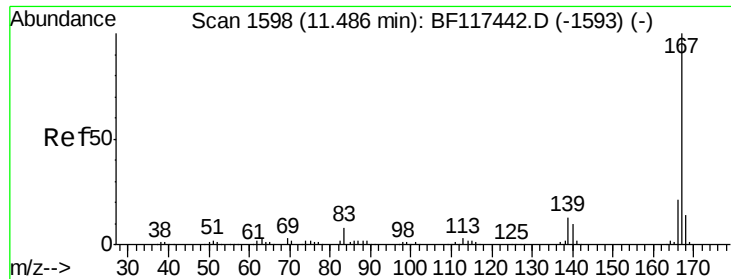


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

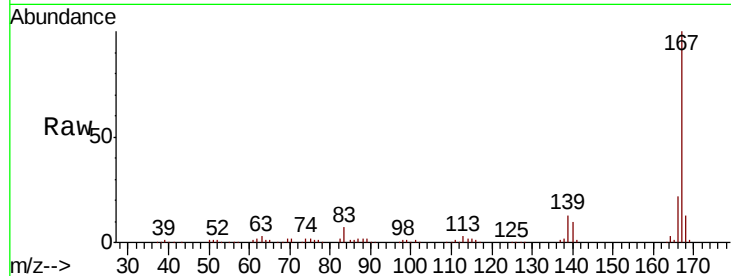




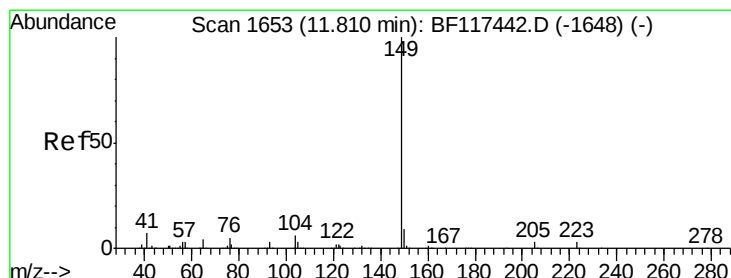
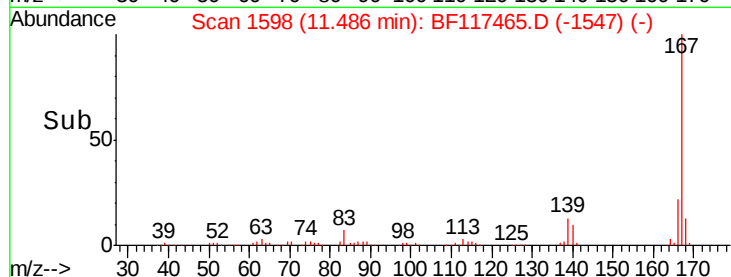
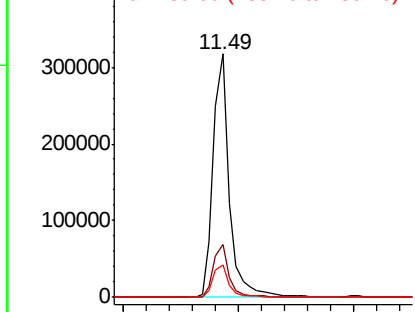
#73
 Carbazole
 Concen: 26.074 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 310479
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 10.6 16.0

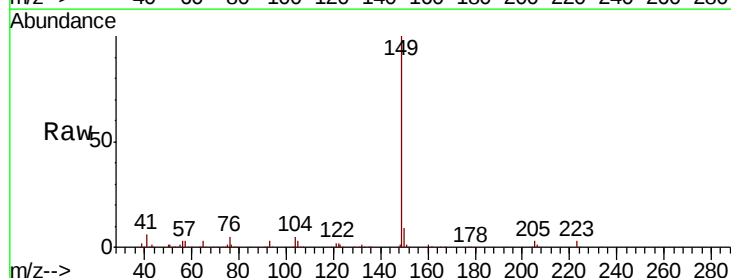


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

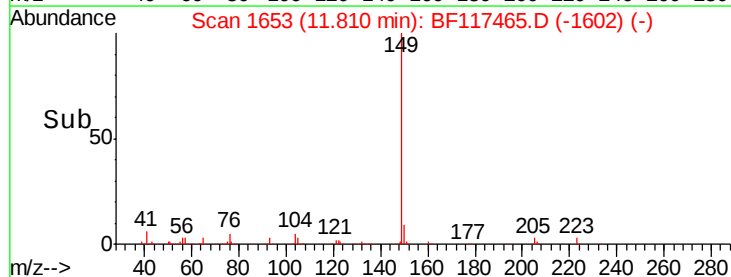
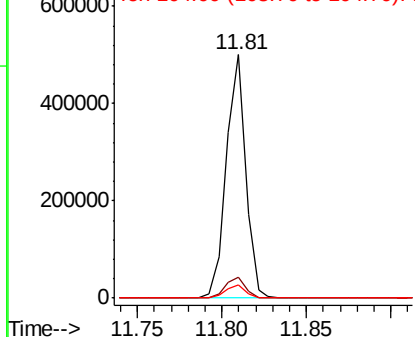


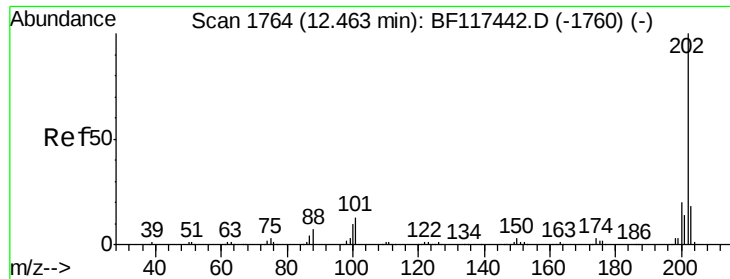
#74
 Di-n-butylphthalate
 Concen: 25.065 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion:149 Resp: 398795
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 5.3 4.6 6.8



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

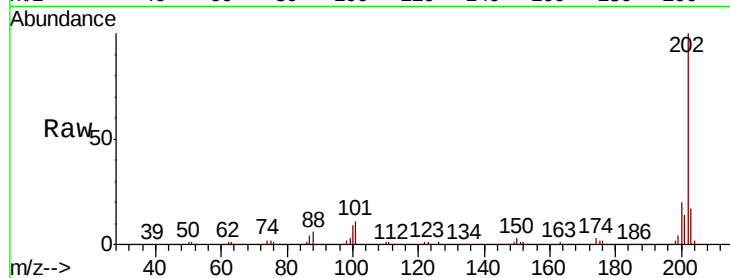




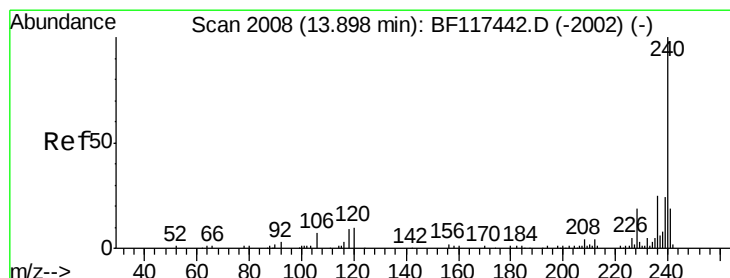
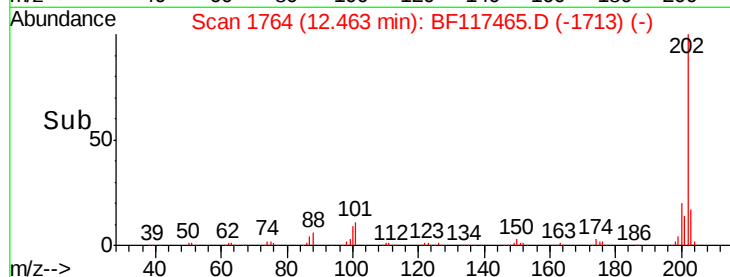
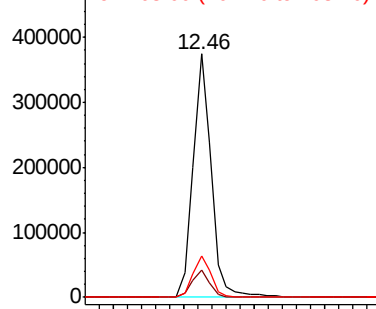
#75
 Fluoranthene
 Concen: 26.414 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.7
203	16.9	0.0	37.6

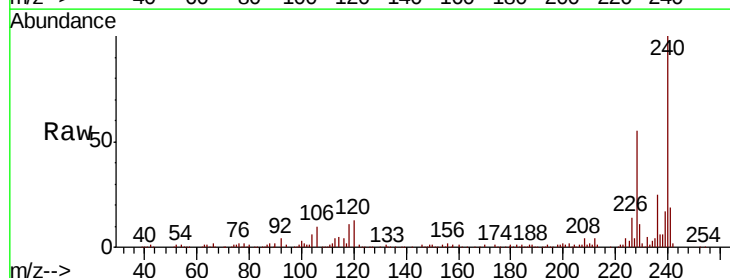


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

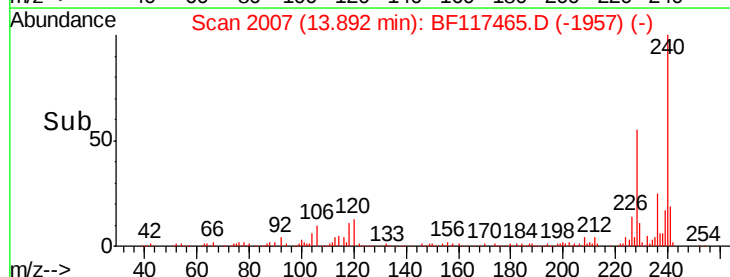
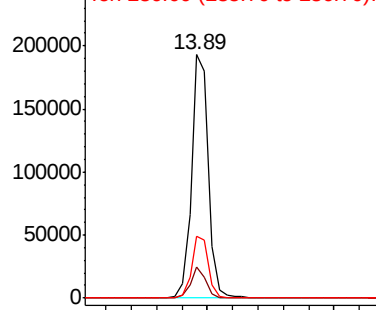


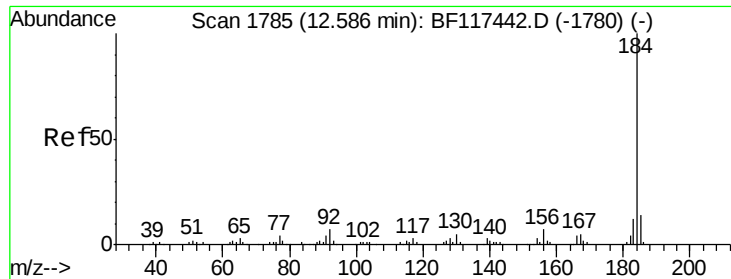
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.4	12.6#
236	25.2	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: 33.623 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

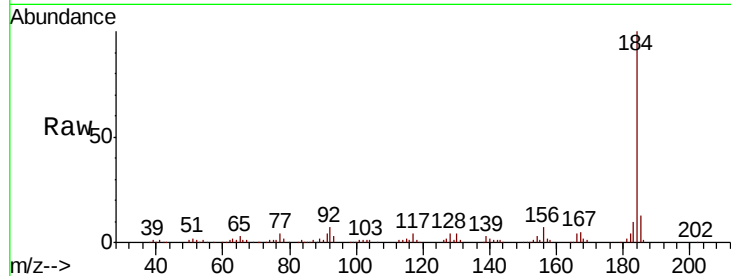
Tot Ion:184 Resp: 181277

Ion Ratio Lower Upper

184 100

185 13.0 11.4 17.0

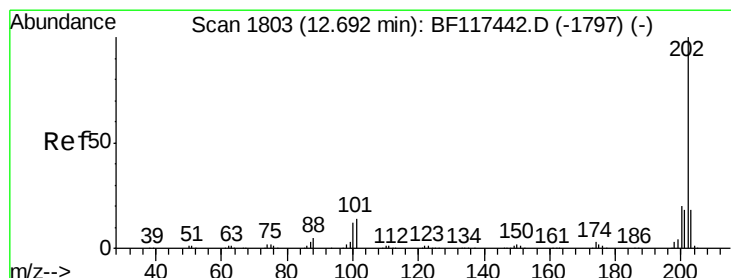
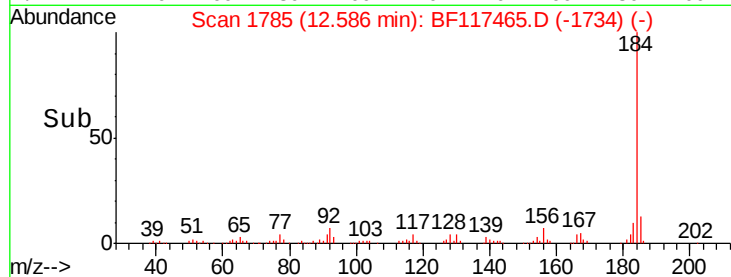
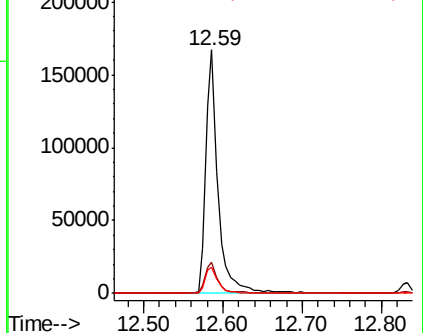
183 10.4 9.6 14.4



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: 22.135 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

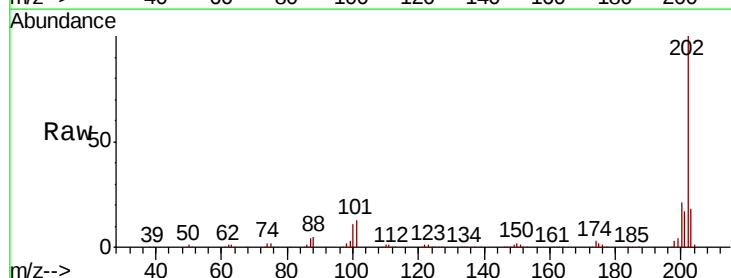
Tgt Ion:202 Resp: 341340

Ion Ratio Lower Upper

202 100

200 21.4 16.2 24.2

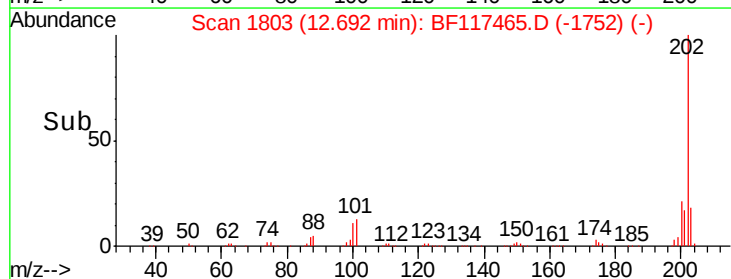
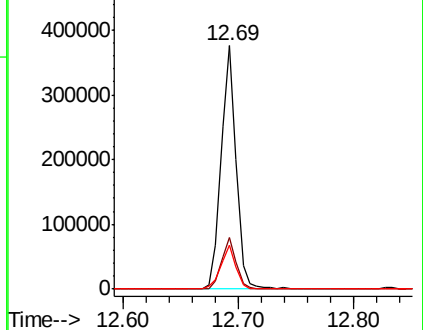
203 18.2 14.0 21.0

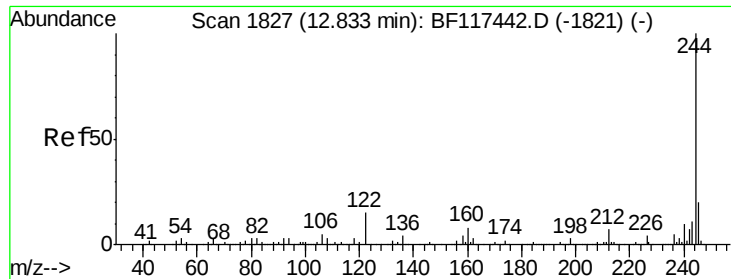


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

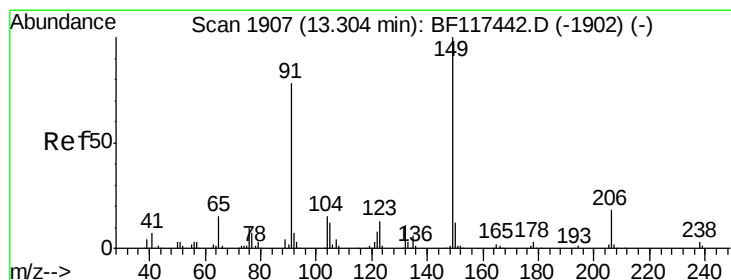
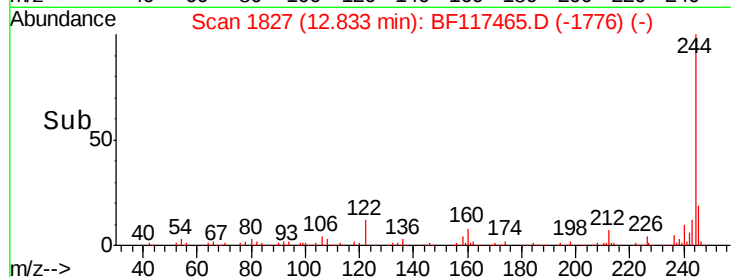
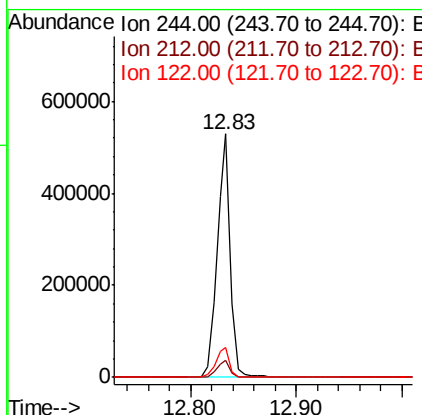
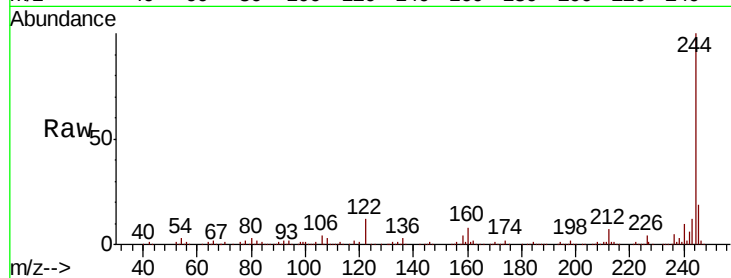




#79
 Terphenyl-d14
 Concen: 42.197 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

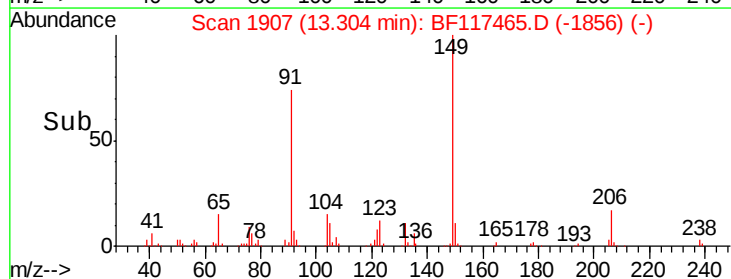
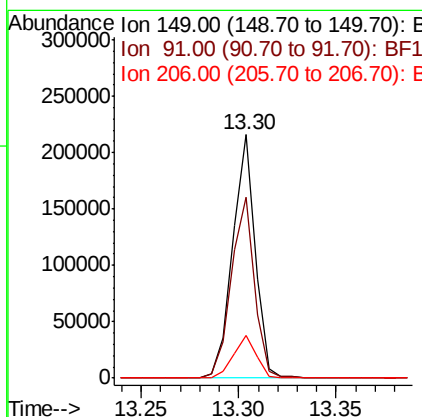
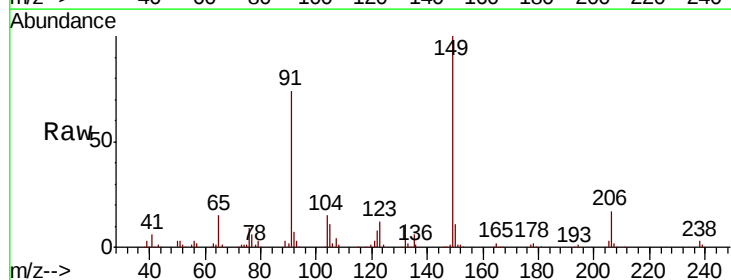
Instrument :
 BNA_F
 ClientSampleId :

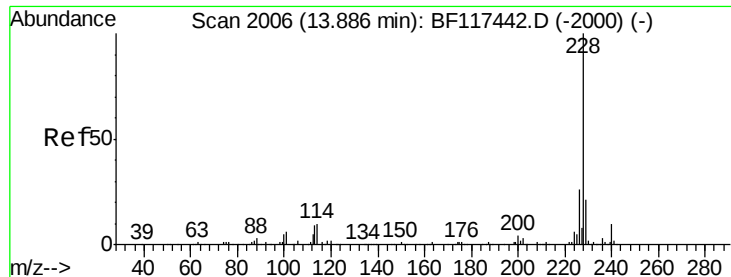
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.1	11.8	17.8



#80
 Butylbenzylphthalate
 Concen: 22.562 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117465.D
 Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	62.1	93.1
206	17.5	14.3	21.5





#81

Benzo(a)anthracene

Concen: 24.320 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

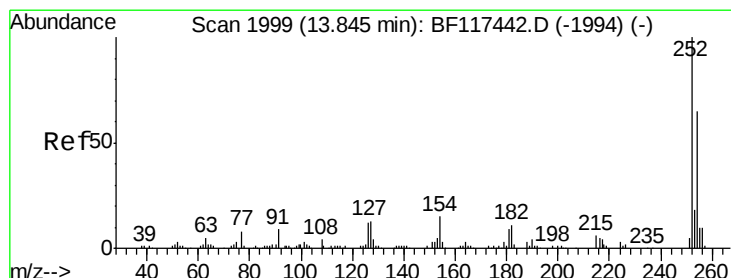
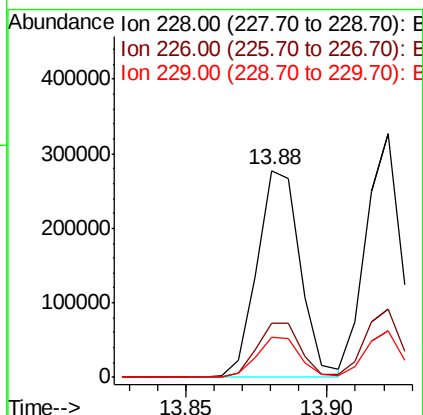
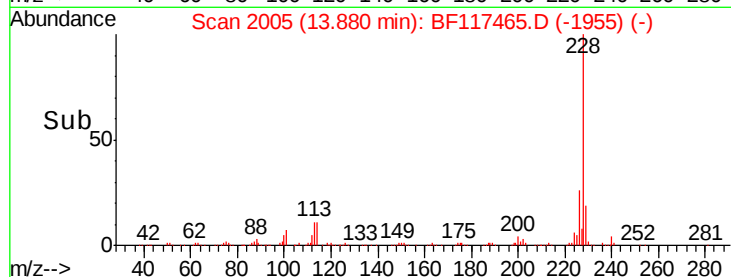
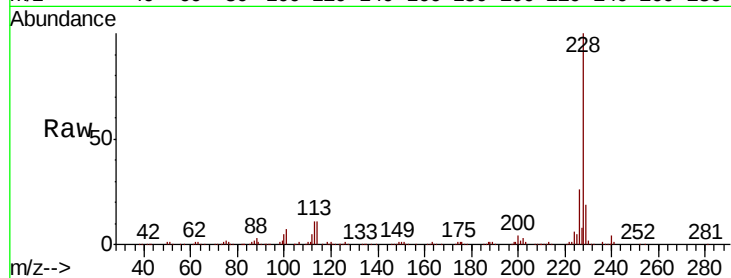
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 294524

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.0	31.4
229	19.3	16.4	24.6



#82

3,3'-Dichlorobenzidine

Concen: 13.417 ng

RT: 13.84 min Scan# 1998

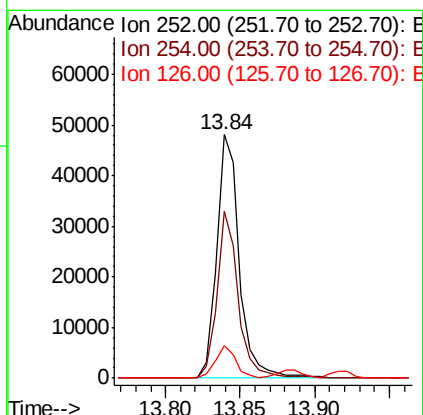
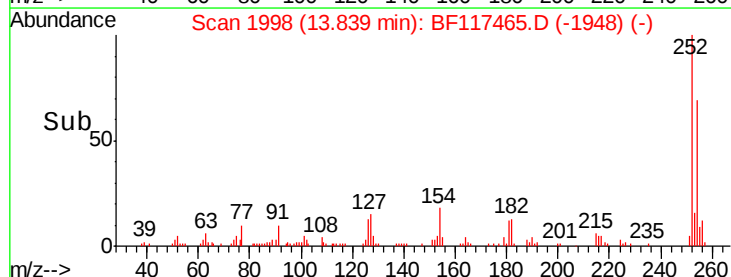
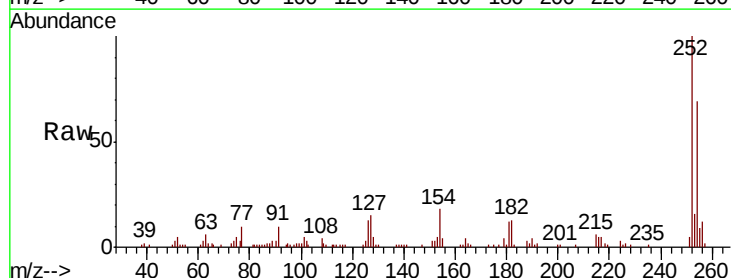
Delta R.T. -0.01 min

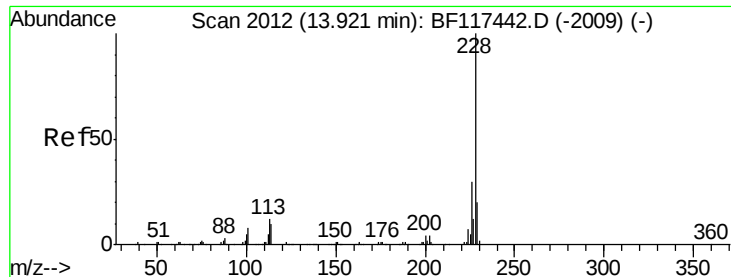
Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Tgt Ion:252 Resp: 50985

Ion	Ratio	Lower	Upper
252	100		
254	68.6	52.2	78.4
126	13.3	9.2	13.8

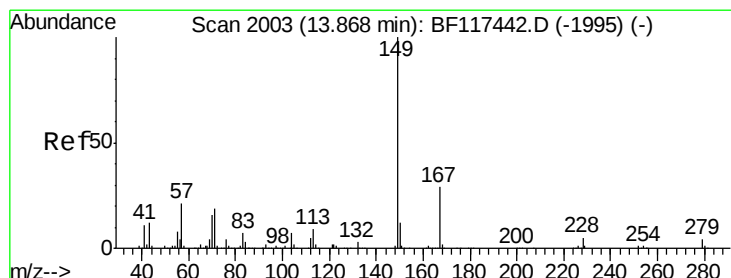
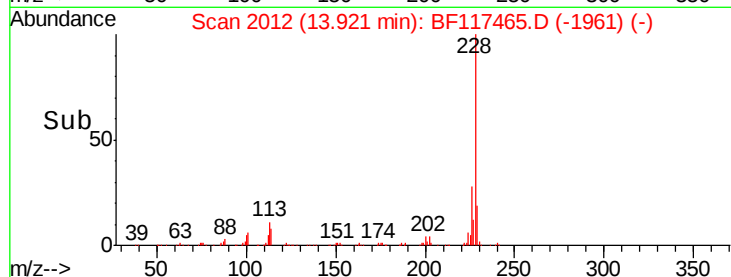
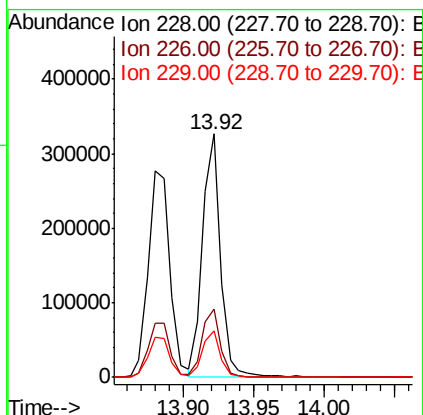
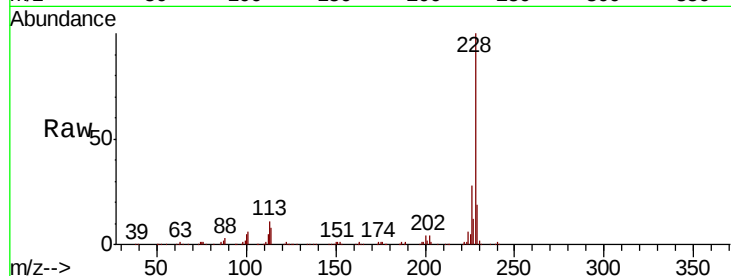




#83
Chrysene
Concen: 24.414 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

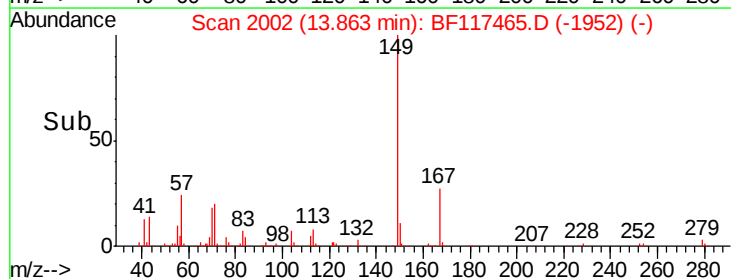
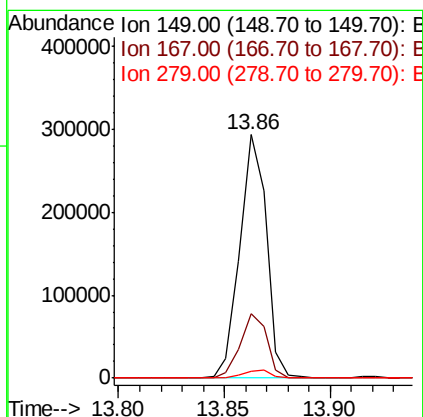
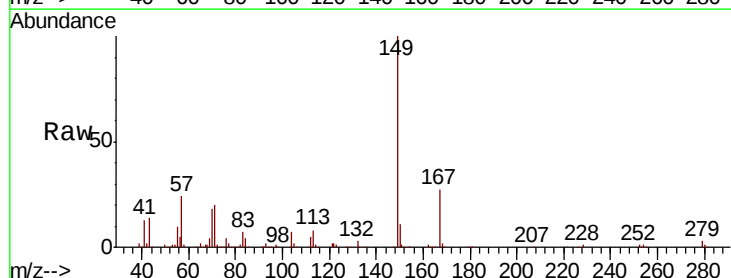
Instrument :
BNA_F
ClientSampleId :

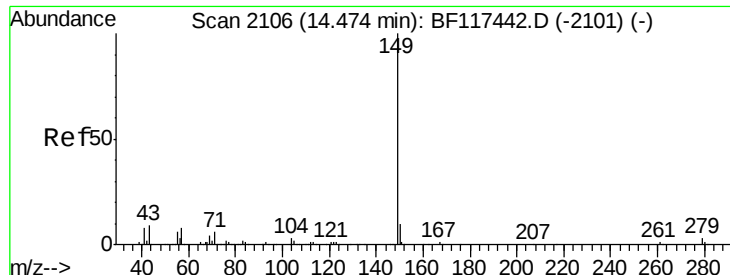
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.9	35.9
229	18.8	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.885 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.3	34.9
279	3.0	3.2	4.8#

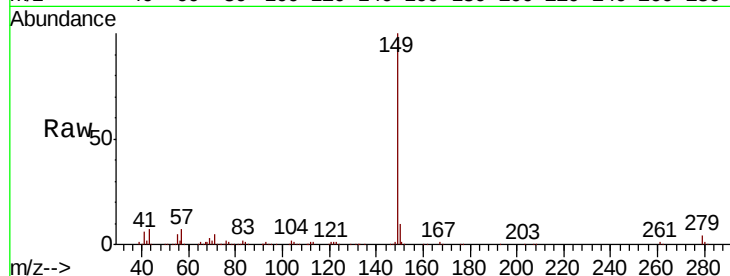




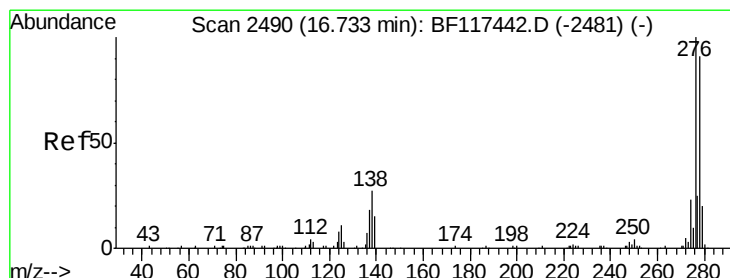
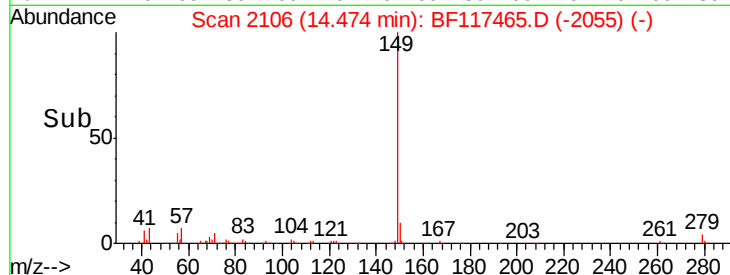
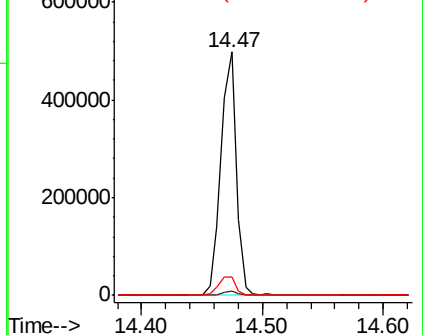
#85
Di-n-octyl phthalate
Concen: 26.643 ng
RT: 14.47 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 440343
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 6.8 10.2

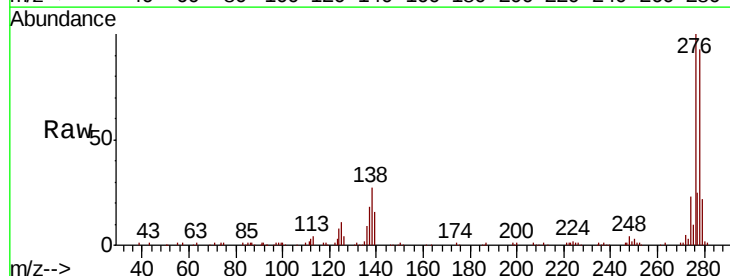


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

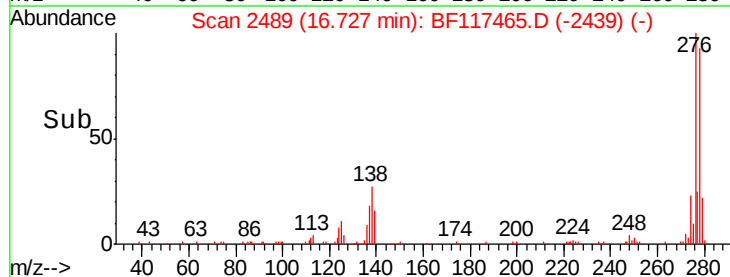
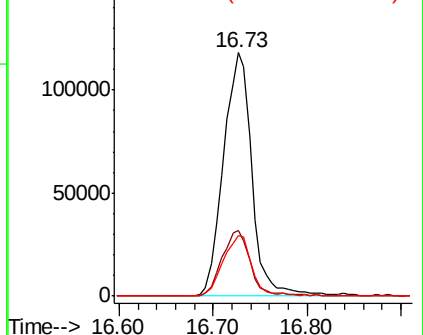


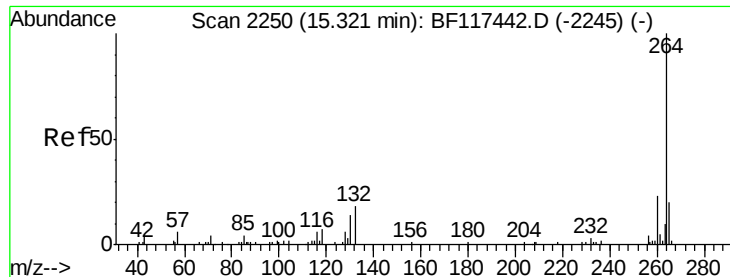
#86
Indeno(1,2,3-cd)pyrene
Concen: 28.103 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:276 Resp: 249027
Ion Ratio Lower Upper
276 100
138 26.9 21.8 32.8
277 24.9 20.0 30.0



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

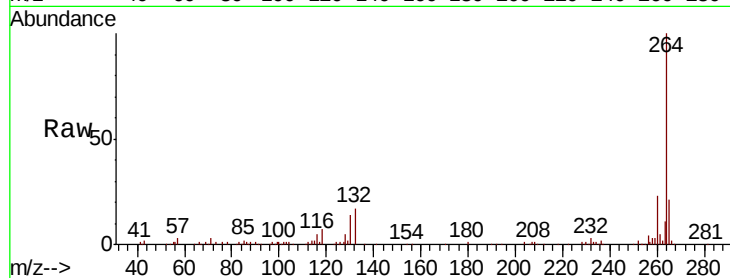




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.1	16.1	24.1

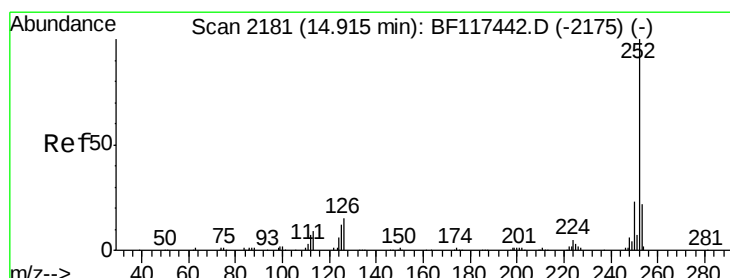
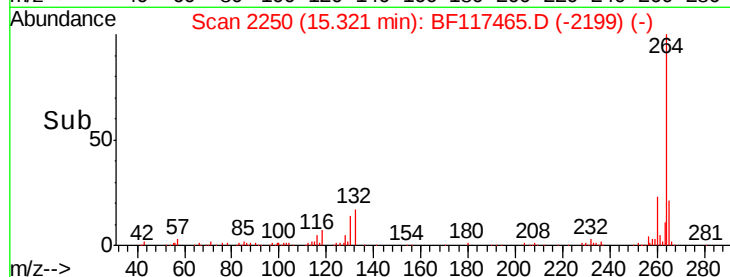
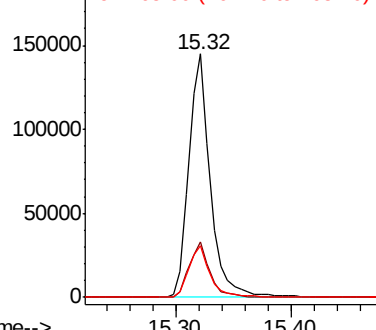


Abundance

Ion 264.00 (263.70 to 264.70): E

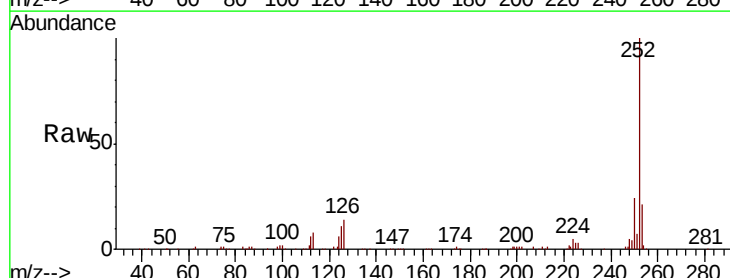
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 23.663 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.6	9.9	14.9

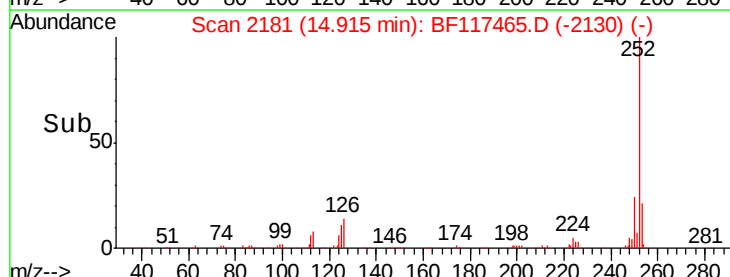
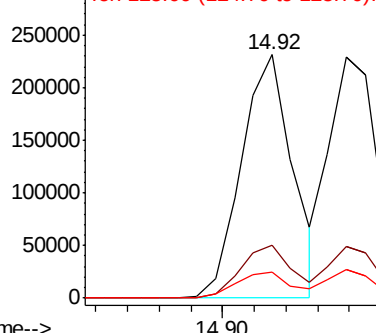


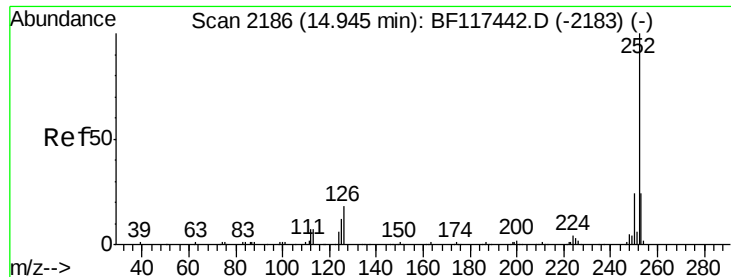
Abundance

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

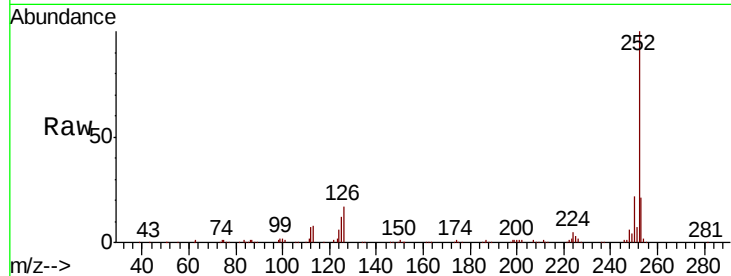




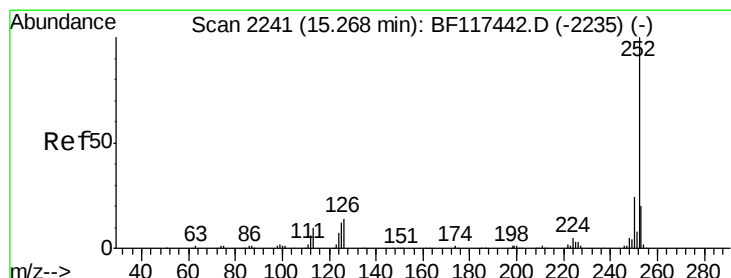
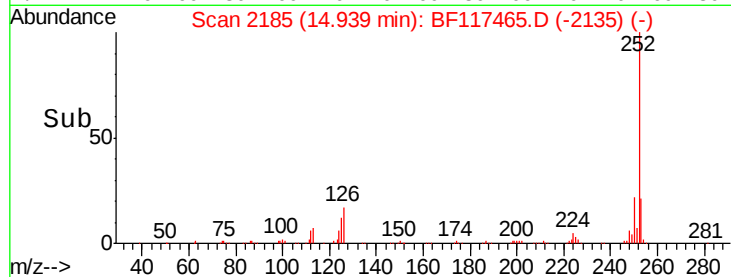
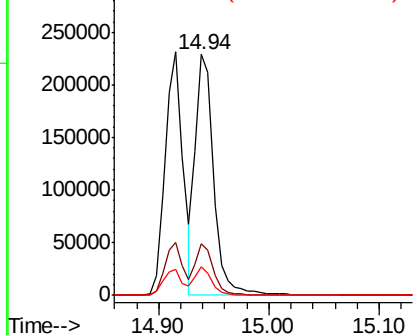
#89
Benzo(k)fluoranthene
Concen: 23.132 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 260982
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 11.8 8.9 13.3

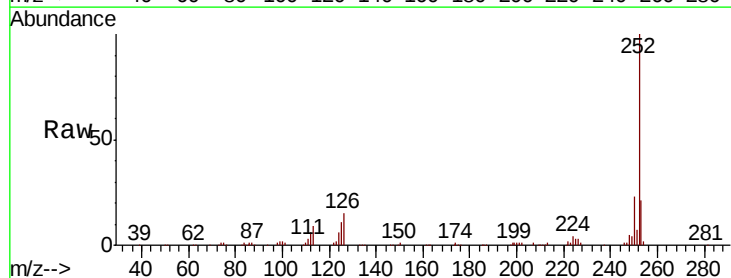


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

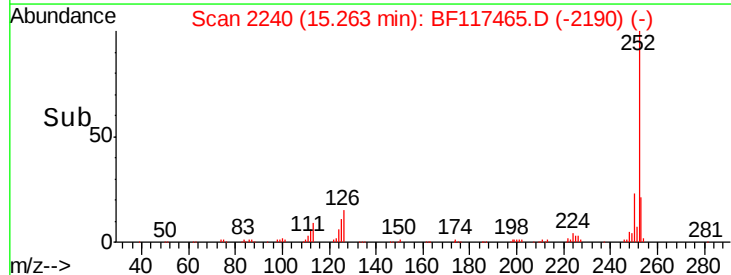
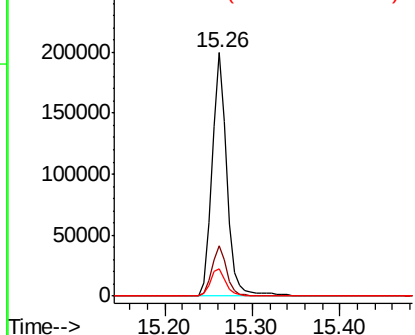


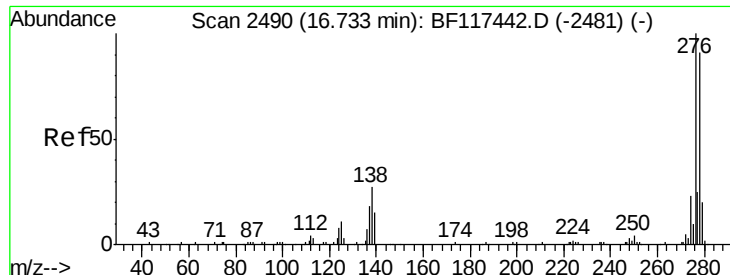
#90
Benzo(a)pyrene
Concen: 23.488 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF117465.D
Acq: 21 Oct 2019 23:22

Tgt Ion:252 Resp: 235069
Ion Ratio Lower Upper
252 100
253 20.8 16.3 24.5
125 11.2 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: 24.881 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

Instrument :

BNA_F

ClientSampleId :

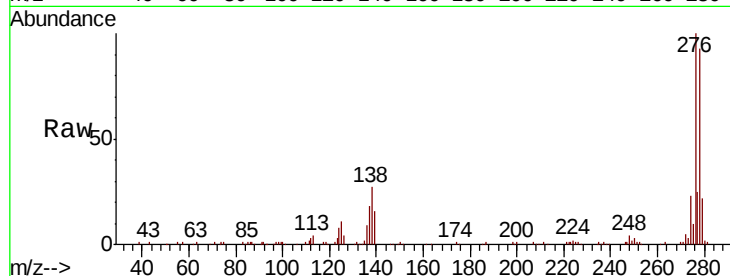
Tot Ion:278 Resp: 215313

Ion Ratio Lower Upper

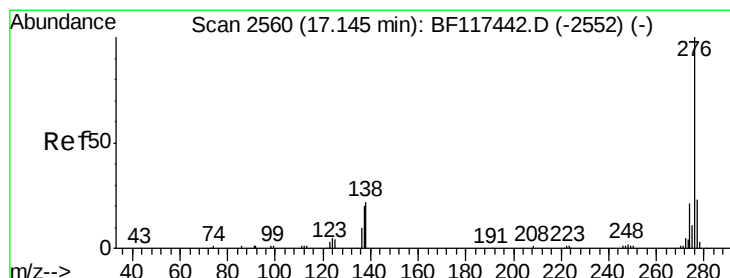
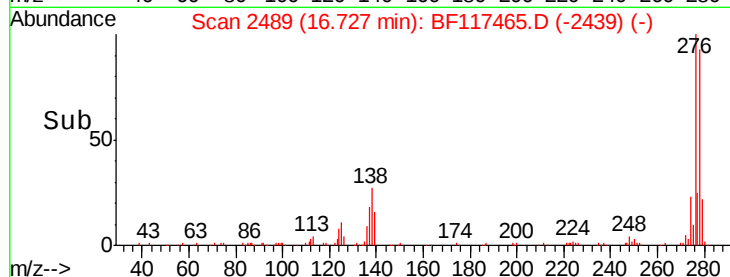
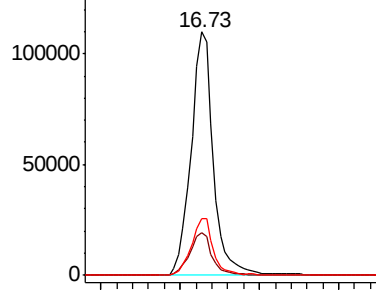
278 100

139 17.3 13.4 20.0

279 23.4 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E
150000
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: 25.497 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF117465.D

Acq: 21 Oct 2019 23:22

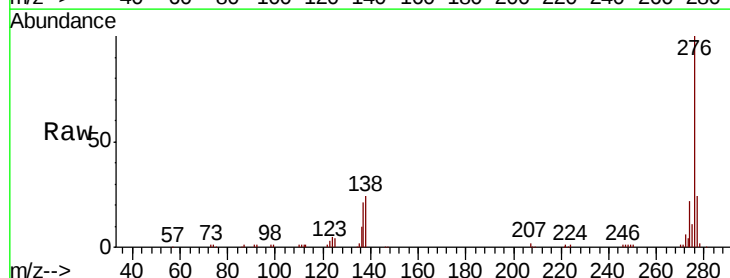
Tgt Ion:276 Resp: 208769

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 24.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
120000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

