

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118307.D
 Acq On : 24 Dec 2019 15:55
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Quant Time: Dec 24 16:34:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158511	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	620638	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	329242	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	620165	20.00	ng	0.00
76) Chrysene-d12	14.05	240	471646	20.00	ng	0.00
87) Perylene-d12	15.54	264	450034	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	704801	75.90	ng	0.00
7) Phenol-d6	6.49	99	879702	76.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	828264	76.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	311142	76.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1658318	76.88	ng	0.00
79) Terphenyl-d14	12.99	244	1985079	69.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	138743	37.585	ng	99
3) Pyridine	3.34	79	378739	38.509	ng	99
4) n-Nitrosodimethylamine	3.30	42	156666	38.528	ng	# 98
6) Aniline	6.52	93	556966	38.076	ng	99
8) 2-Chlorophenol	6.64	128	400357	38.067	ng	96
9) Benzaldehyde	6.40	77	240704	35.640	ng	95
10) Phenol	6.50	94	497750	38.444	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	351068	37.914	ng	98
12) 1,3-Dichlorobenzene	6.79	146	459207	37.912	ng	99
13) 1,4-Dichlorobenzene	6.87	146	466735	37.937	ng	97
14) 1,2-Dichlorobenzene	7.03	146	442839	38.125	ng	98
15) Benzyl Alcohol	7.00	79	338202	38.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	375251	37.978	ng	96
17) 2-Methylphenol	7.11	107	318954	37.812	ng	99
18) Hexachloroethane	7.37	117	170896	37.848	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	270156	38.069	ng	98
20) 3+4-Methylphenols	7.27	107	412634	38.221	ng	91
22) Acetophenone	7.27	105	578272	38.016	ng	# 95
24) Nitrobenzene	7.45	77	415830	38.255	ng	95
25) Isophorone	7.68	82	710768	37.584	ng	99
26) 2-Nitrophenol	7.76	139	222132	38.581	ng	95
27) 2,4-Dimethylphenol	7.79	122	294449	37.483	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	470017	38.002	ng	99
29) 2,4-Dichlorophenol	8.00	162	336247	37.189	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	395264	37.528	ng	99
31) Naphthalene	8.16	128	1208368	38.306	ng	99
32) Benzoic acid	7.94	122	244865	38.225	ng	96
33) 4-Chloroaniline	8.22	127	522473	38.636	ng	97
34) Hexachlorobutadiene	8.28	225	238210	37.994	ng	100
35) Caprolactam	8.59	113	109818	38.904	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	367696	37.877	ng	96
37) 2-Methylnaphthalene	8.86	142	817684	37.860	ng	100
38) 1-Methylnaphthalene	8.96	142	766593	37.674	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	380162	38.430	ng	100

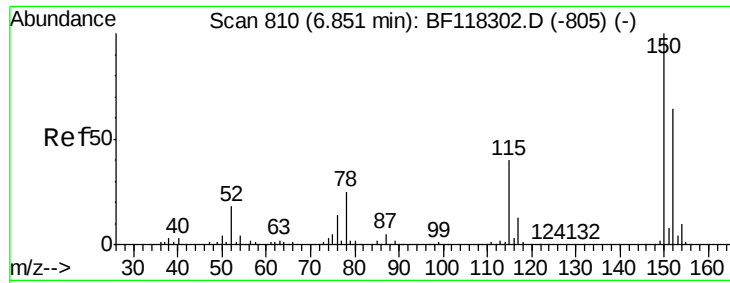
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	126430	35.961	ng	95
43) 2,4,6-Trichlorophenol	9.14	196	255129	38.605	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	261877	38.520	ng	97
46) 1,1'-Biphenyl	9.32	154	1005767	38.622	ng	98
47) 2-Chloronaphthalene	9.35	162	808957	38.597	ng	98
48) 2-Nitroaniline	9.45	65	225667	38.120	ng	96
49) Acenaphthylene	9.77	152	1202681	38.691	ng	99
50) Dimethylphthalate	9.63	163	937946	37.952	ng	99
51) 2,6-Dinitrotoluene	9.69	165	206441	38.745	ng	91
52) Acenaphthene	9.94	154	737241	38.938	ng	98
53) 3-Nitroaniline	9.86	138	239773	38.341	ng	88
54) 2,4-Dinitrophenol	9.97	184	93569	37.757	ng	98
55) Dibenzofuran	10.11	168	1082008	38.676	ng	95
56) 4-Nitrophenol	10.03	139	152676	39.547	ng	94
57) 2,4-Dinitrotoluene	10.10	165	278084	39.059	ng	92
58) Fluorene	10.46	166	863692	38.244	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.23	232	220479	38.168	ng	98
60) Diethylphthalate	10.32	149	946575	38.715	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	429897	38.132	ng	99
62) 4-Nitroaniline	10.48	138	251080	38.647	ng	98
63) Azobenzene	10.60	77	808879	38.624	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	130990	39.153	ng	84
66) n-Nitrosodiphenylamine	10.57	169	760223	38.248	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	273012	37.617	ng	96
68) Hexachlorobenzene	11.01	284	318938	37.333	ng	96
69) Atrazine	11.09	200	232741	37.940	ng	97
70) Pentachlorophenol	11.20	266	144668	39.102	ng	99
71) Phenanthrene	11.42	178	1285460	38.022	ng	100
72) Anthracene	11.47	178	1282213	37.890	ng	99
73) Carbazole	11.63	167	1156994	38.531	ng	99
74) Di-n-butylphthalate	11.96	149	1468105	38.560	ng	100
75) Fluoranthene	12.62	202	1319032	38.659	ng	98
77) Benzidine	12.74	184	438600	33.938	ng	98
78) Pyrene	12.85	202	1331837	34.580	ng	99
80) Butylbenzylphthalate	13.46	149	636340	36.694	ng	97
81) Benzo(a)anthracene	14.04	228	1232721	37.340	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	424391	37.914	ng	99
83) Chrysene	14.08	228	1181544	37.377	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	868321	38.079	ng	100
85) Di-n-octyl phthalate	14.64	149	1382133	41.205	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	999468	37.107	ng	100
88) Benzo(b)fluoranthene	15.11	252	1101157	36.861	ng	100
89) Benzo(k)fluoranthene	15.14	252	1077613	37.569	ng	99
90) Benzo(a)pyrene	15.49	252	985766	37.459	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	835620	36.591	ng	100
92) Benzo(g,h,i)perylene	17.50	276	791247	35.868	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

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BNA_E

ClientSampleId :

ICVBF122419

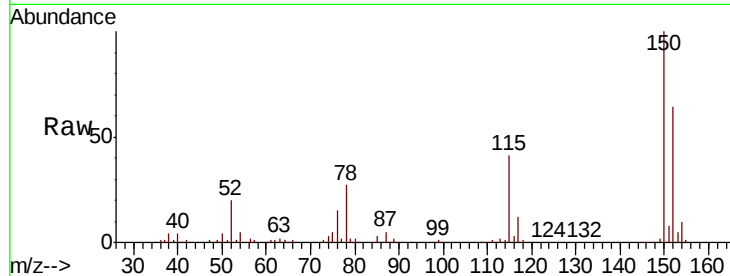
Tot Ion:152 Resp: 158511

Ion Ratio Lower Upper

152 100

150 156.5 125.4 188.2

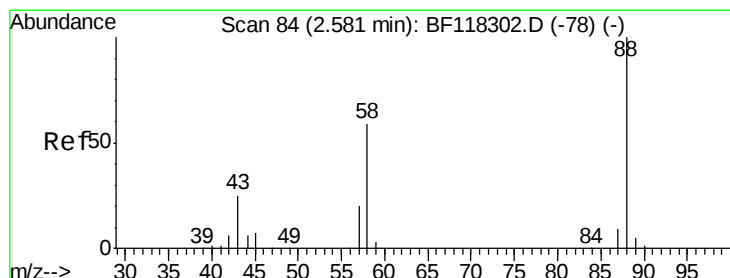
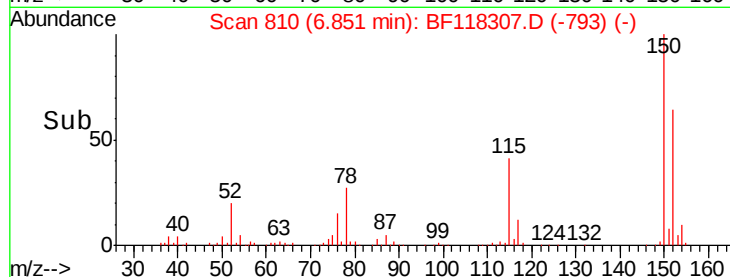
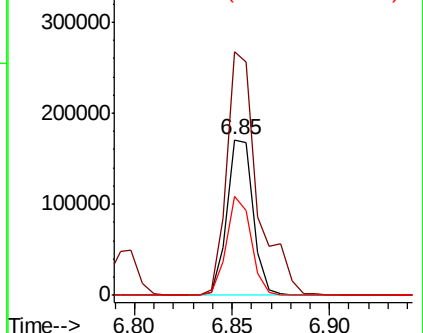
115 63.9 50.2 75.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.585 ng

RT: 2.59 min Scan# 85

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

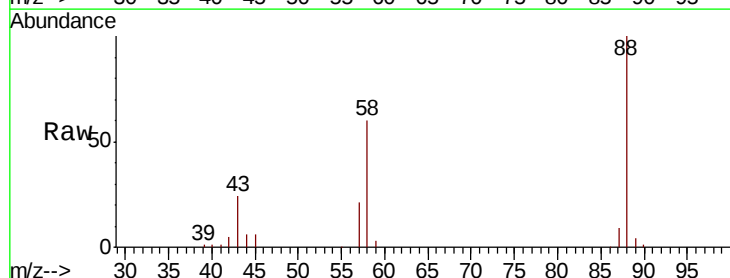
Tgt Ion: 88 Resp: 138743

Ion Ratio Lower Upper

88 100

58 60.0 47.6 71.4

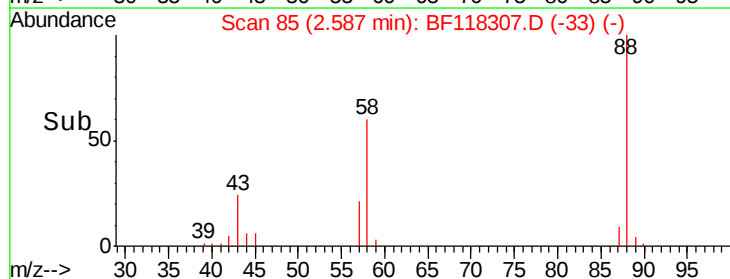
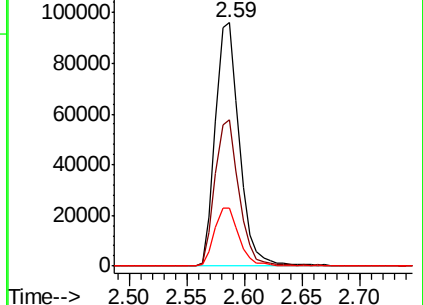
43 24.3 20.6 30.8

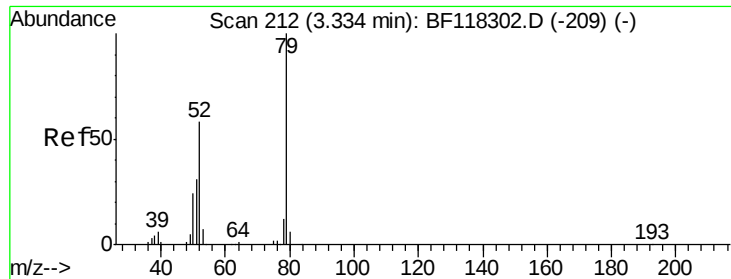


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.509 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

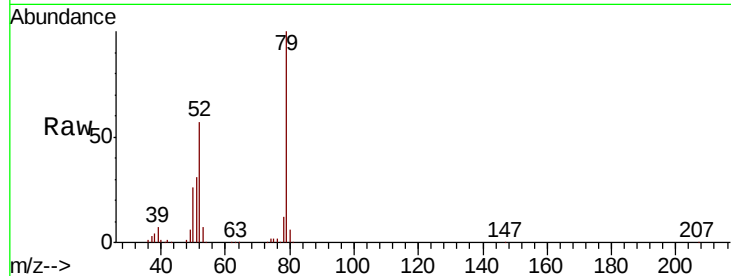
Tot Ion: 79 Resp: 378739

Ion Ratio Lower Upper

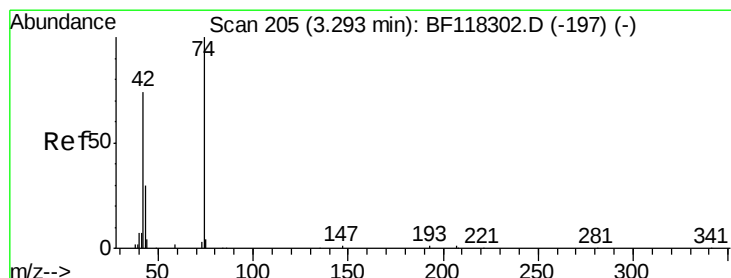
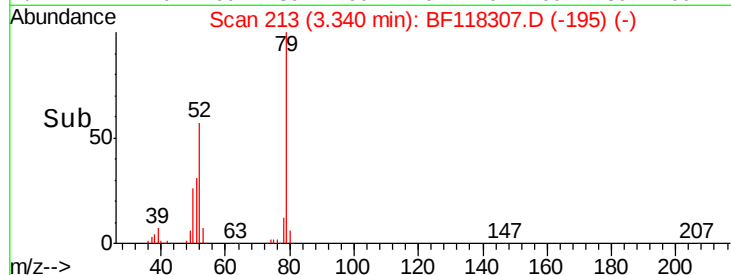
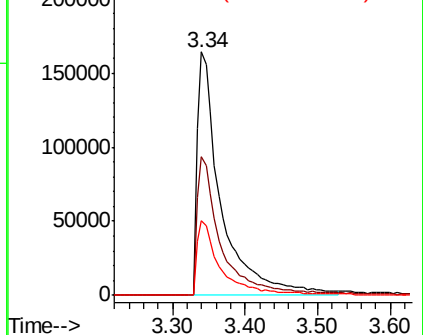
79 100

52 56.9 46.4 69.6

51 30.5 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 38.528 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

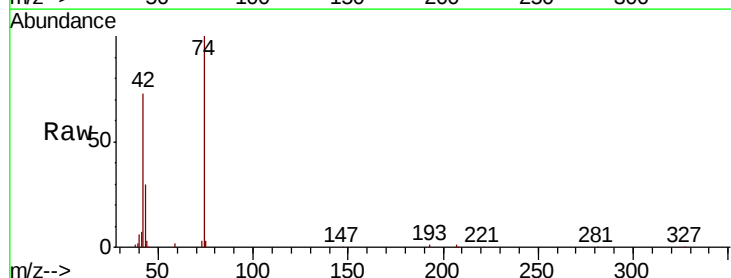
Tgt Ion: 42 Resp: 156666

Ion Ratio Lower Upper

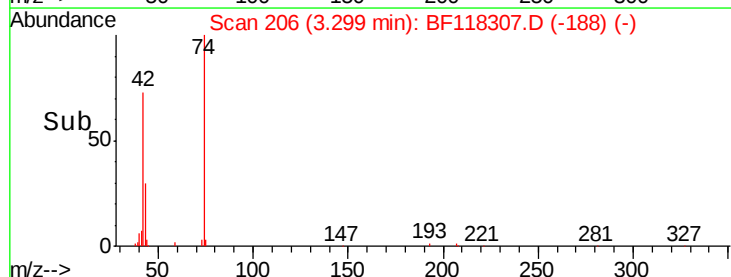
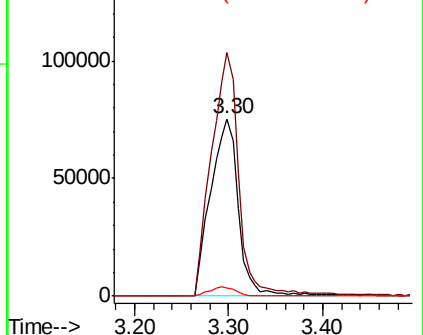
42 100

74 137.3 107.7 161.5

44 4.6 4.8 7.2#



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





#5

2-Fluorophenol

Concen: 75.899 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

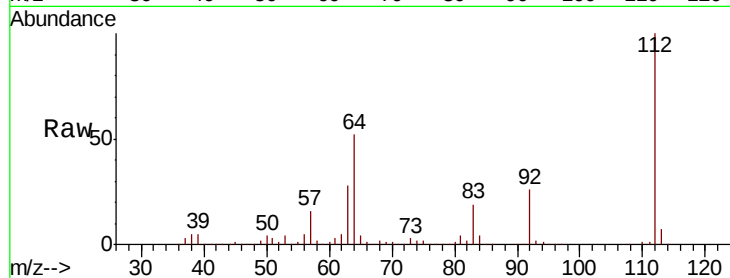
Tot Ion:112 Resp: 704801

Ion Ratio Lower Upper

112 100

64 52.2 39.7 59.5

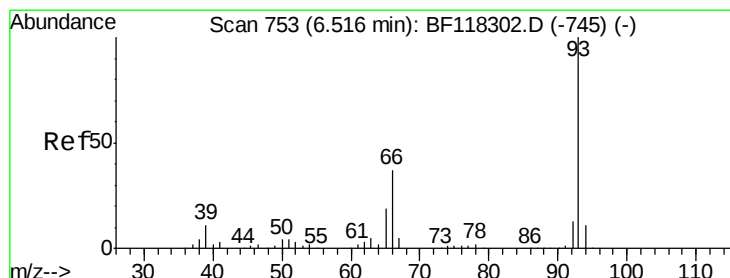
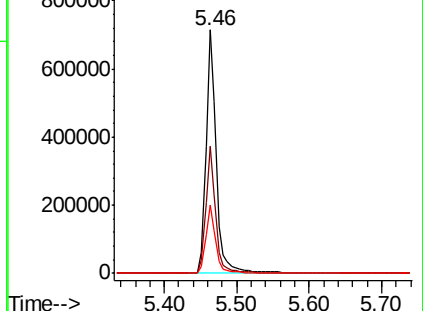
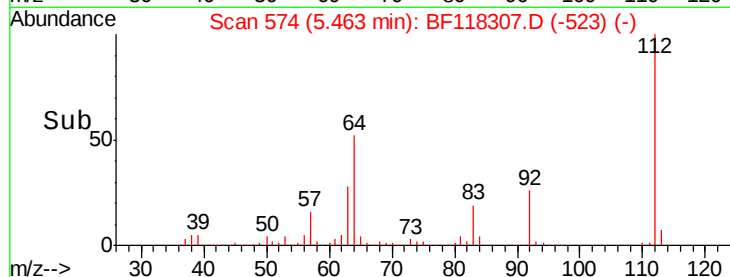
63 28.2 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.076 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

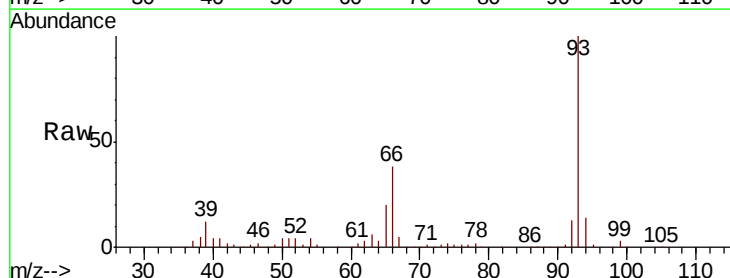
Tgt Ion: 93 Resp: 556966

Ion Ratio Lower Upper

93 100

66 38.4 30.2 45.4

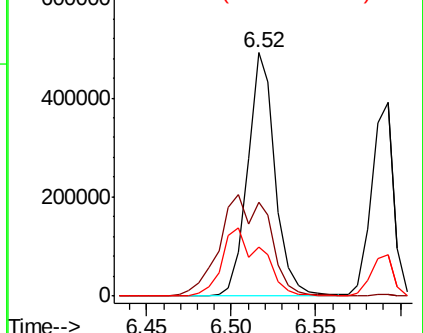
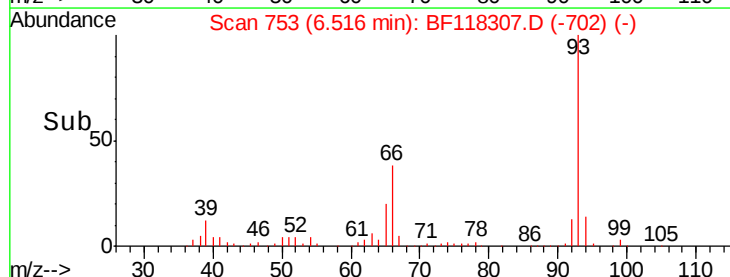
65 20.1 15.7 23.5

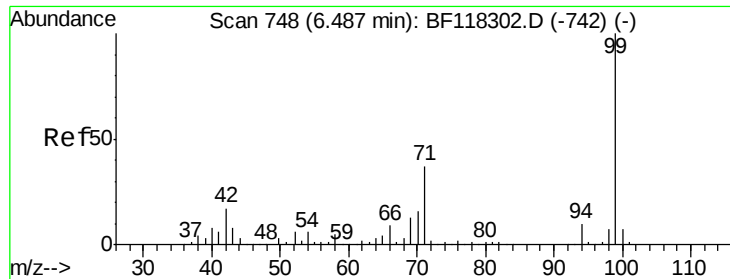


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.366 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118307.D

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ClientSampleId :

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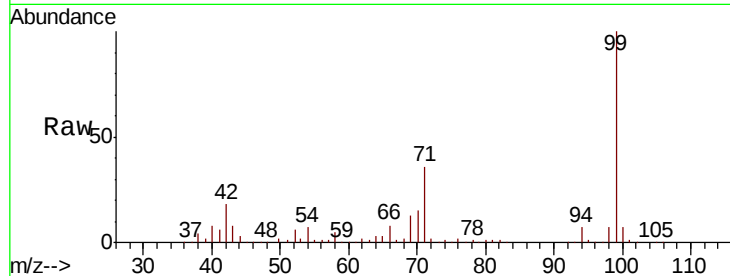
Tot Ion: 99 Resp: 879702

Ion Ratio Lower Upper

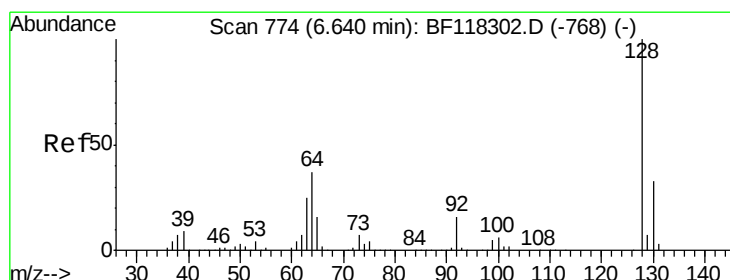
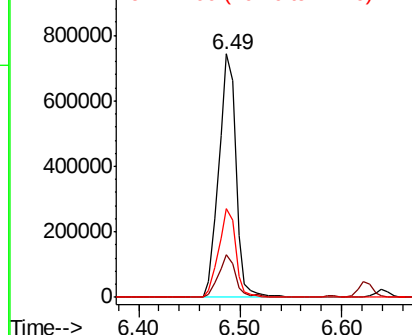
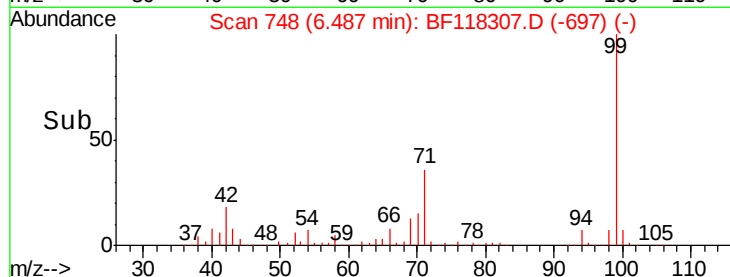
99 100

42 17.5 13.5 20.3

71 36.4 29.4 44.2



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



#8

2-Chlorophenol

Concen: 38.067 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

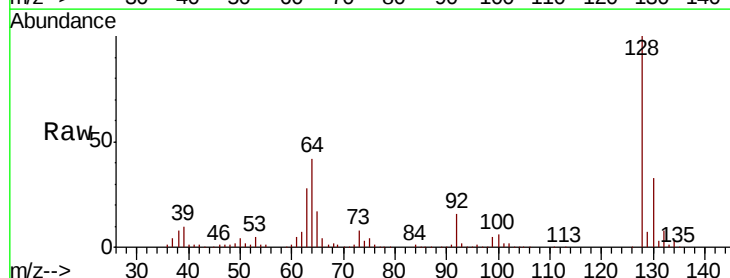
Tgt Ion: 128 Resp: 400357

Ion Ratio Lower Upper

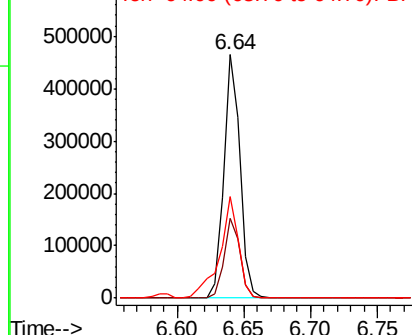
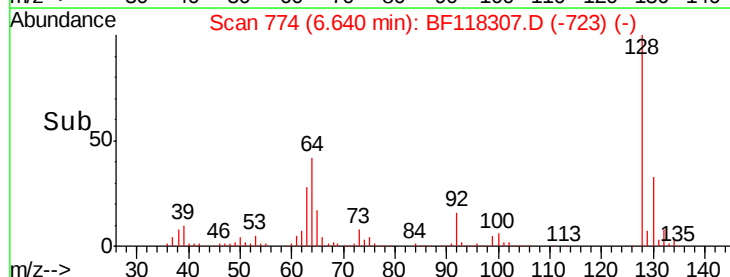
128 100

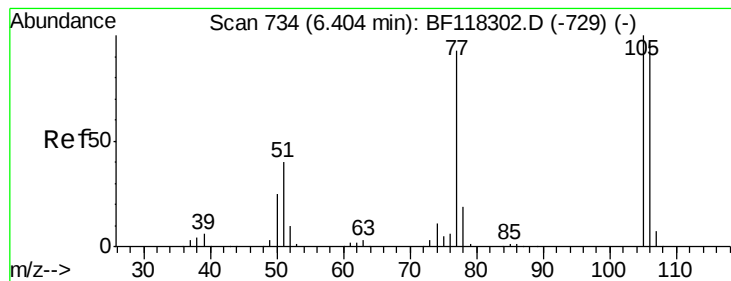
130 32.5 13.2 53.2

64 42.0 17.7 57.7



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: 35.640 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

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ICVBF122419

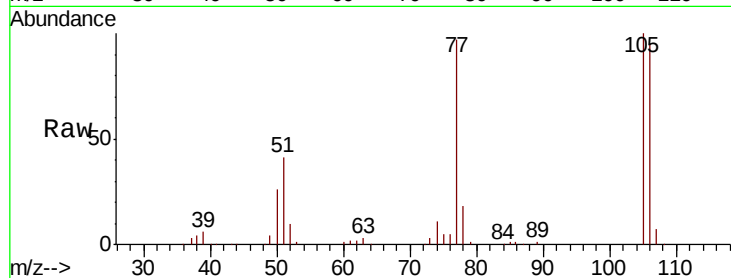
Tot Ion: 77 Resp: 240704

Ion Ratio Lower Upper

77 100

105 103.0 87.5 127.5

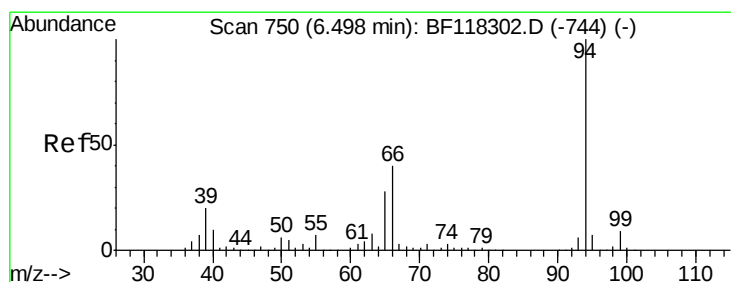
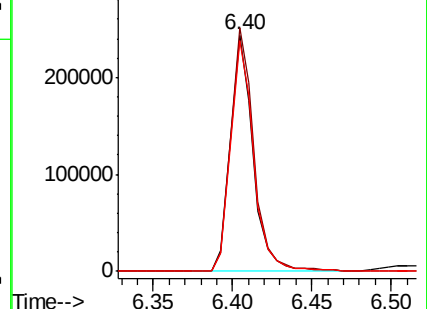
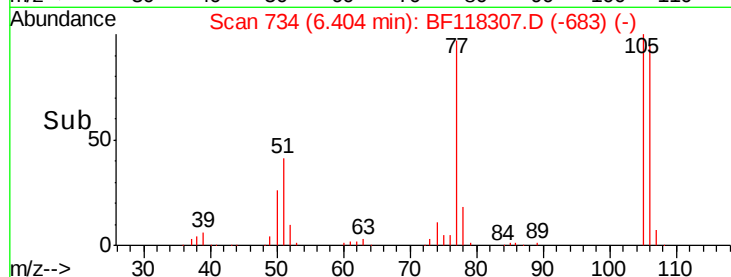
106 97.8 83.6 123.6



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: 38.444 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

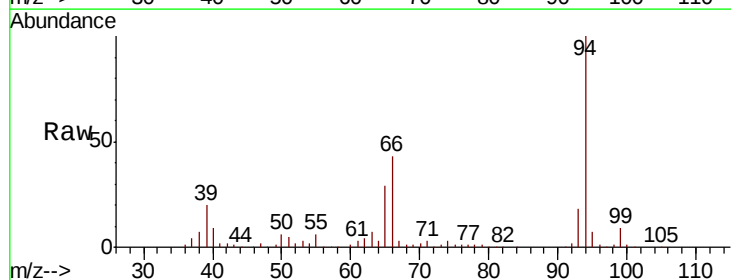
Tgt Ion: 94 Resp: 497750

Ion Ratio Lower Upper

94 100

65 28.6 7.8 47.8

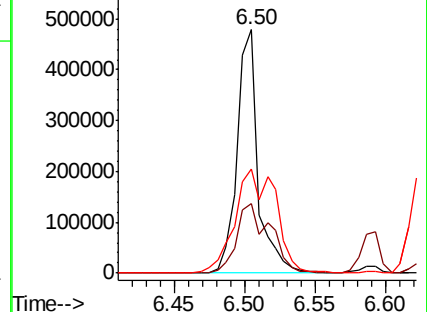
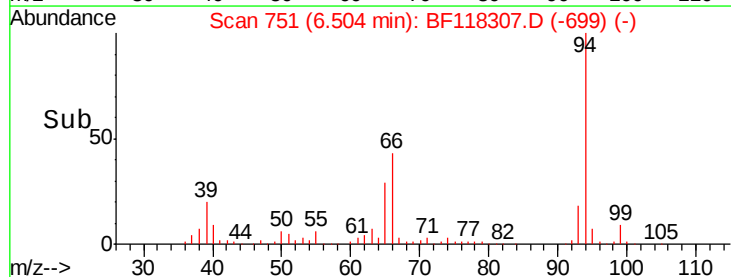
66 42.7 20.4 60.4

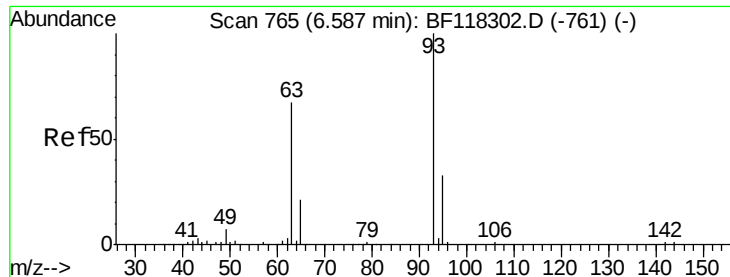


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

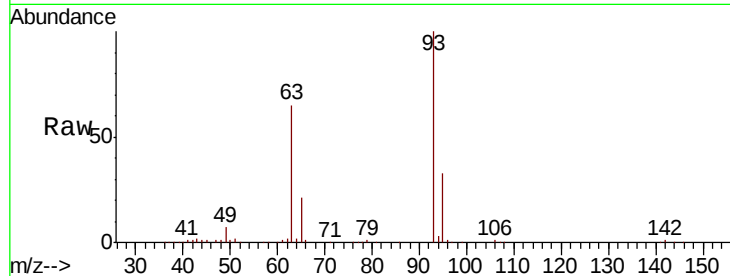




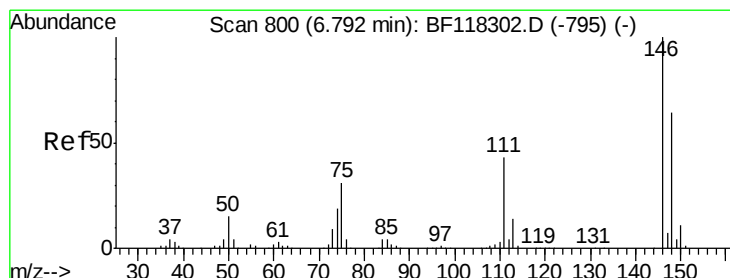
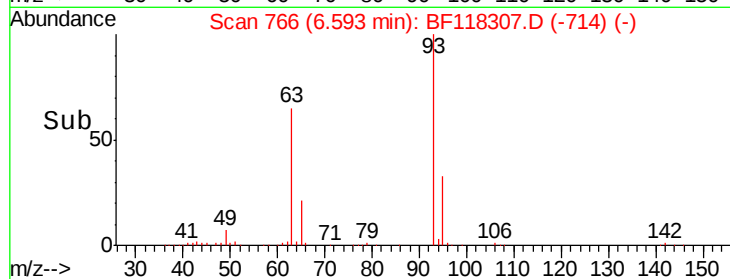
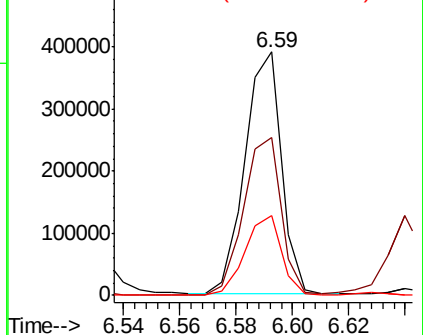
#11
bis(2-Chloroethyl)ether
Concen: 37.914 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion: 93 Resp: 351068
Ion Ratio Lower Upper
93 100
63 64.9 47.0 87.0
95 32.5 12.8 52.8

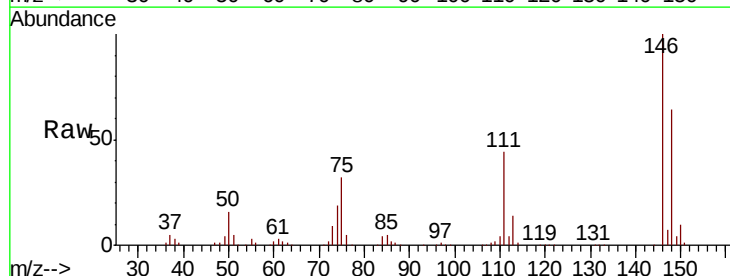


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

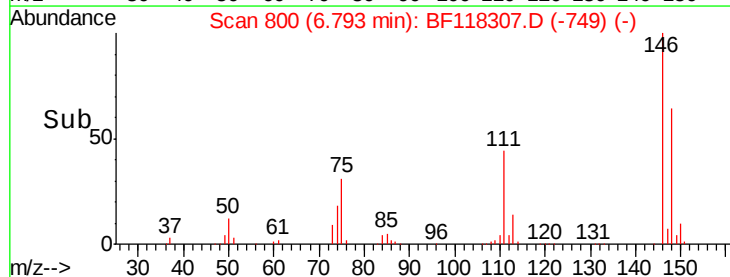
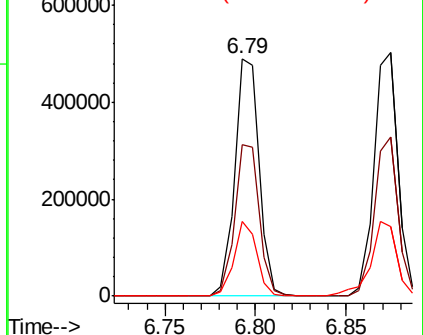


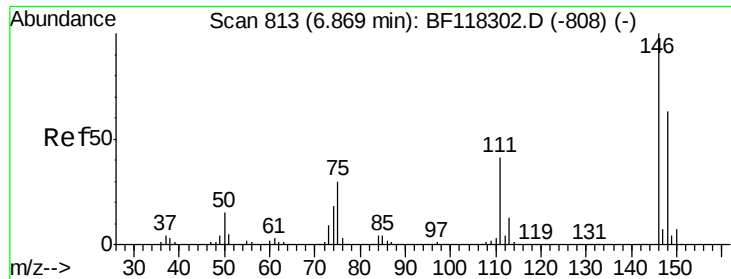
#12
1,3-Dichlorobenzene
Concen: 37.912 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion: 146 Resp: 459207
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 31.6 24.4 36.6



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

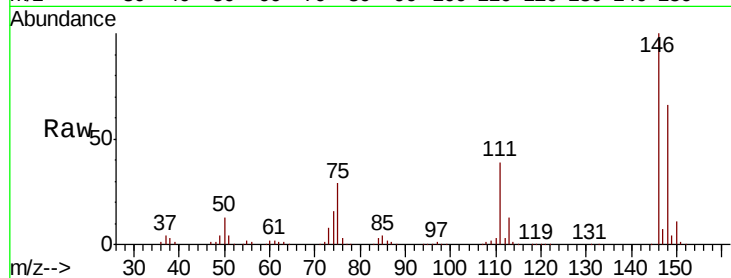




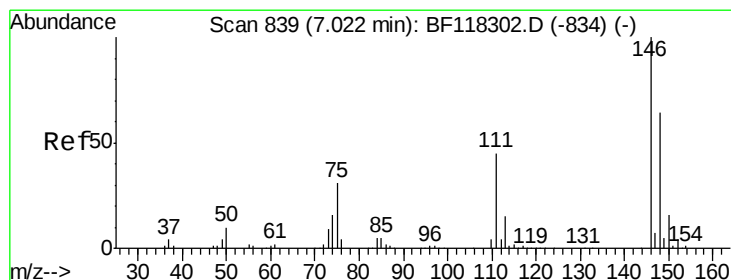
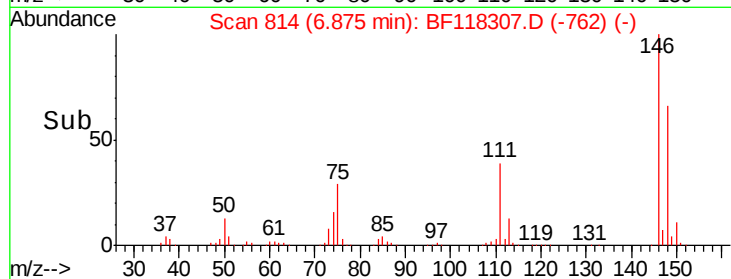
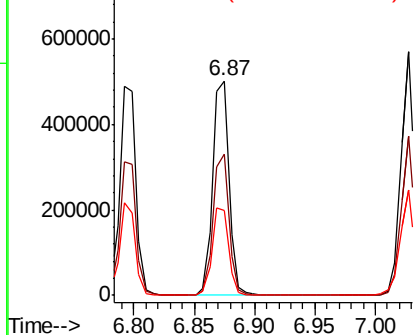
#13
 1,4-Dichlorobenzene
 Concen: 37.937 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion:146 Resp: 466735
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.3 75.5
 111 39.4 32.8 49.2

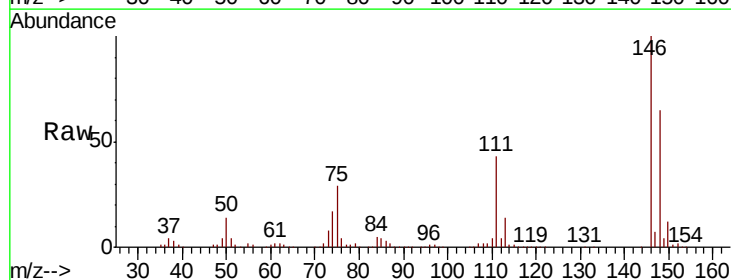


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

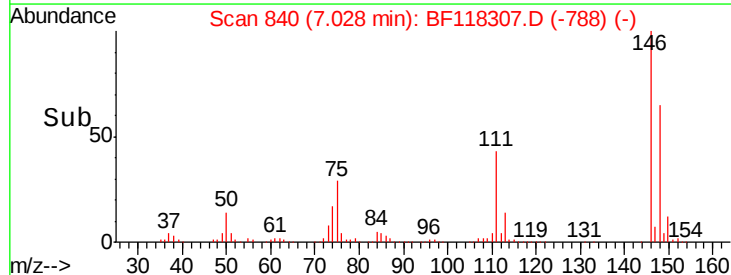
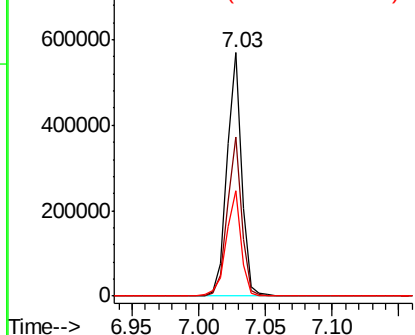


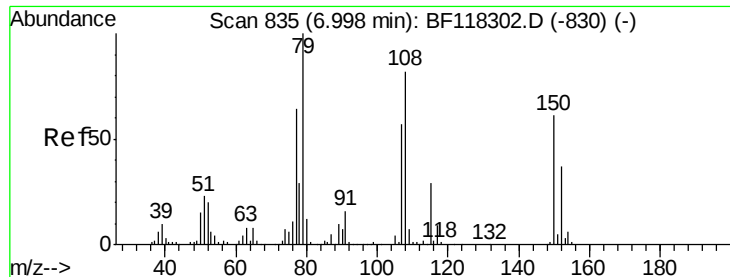
#14
 1,2-Dichlorobenzene
 Concen: 38.125 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion:146 Resp: 442839
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.3 76.9
 111 43.3 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.560 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

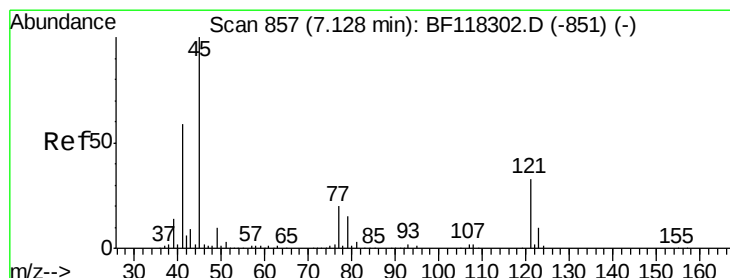
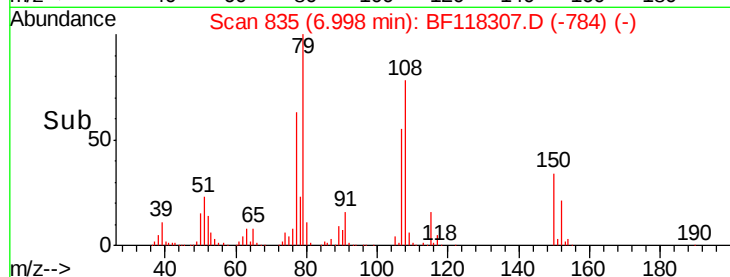
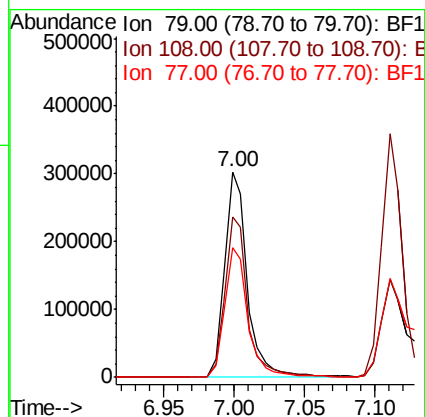
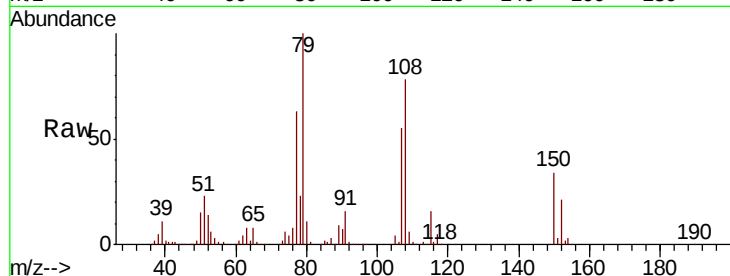
Tot Ion: 79 Resp: 338202

Ion Ratio Lower Upper

79 100

108 78.2 65.4 98.0

77 63.2 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.978 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

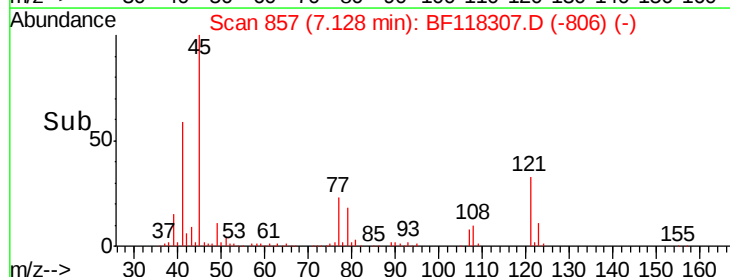
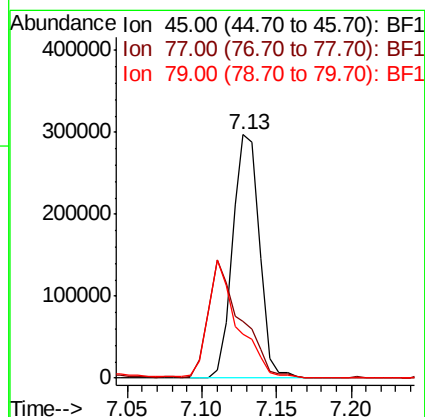
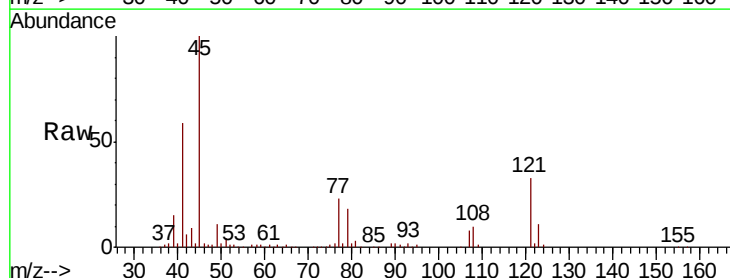
Tgt Ion: 45 Resp: 375251

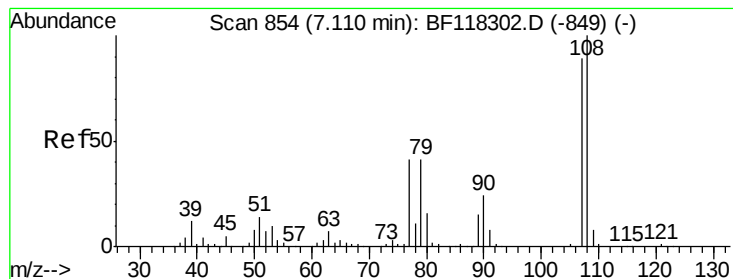
Ion Ratio Lower Upper

45 100

77 23.4 1.2 41.2

79 18.0 0.0 37.0





#17

2-Methylphenol

Concen: 37.812 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

Tot Ion:107 Resp: 318954

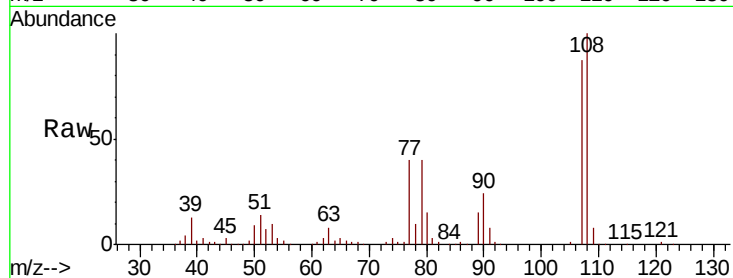
Ion Ratio Lower Upper

107 100

108 114.3 89.7 134.5

77 46.2 37.2 55.8

79 46.1 36.7 55.1

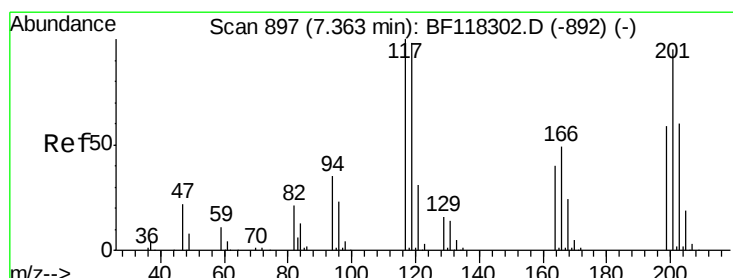
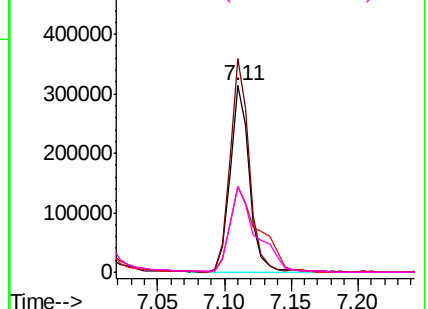
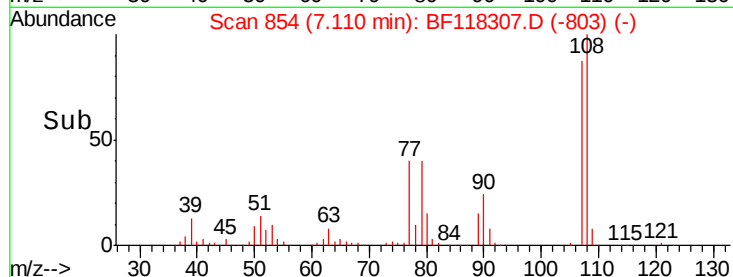


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.848 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

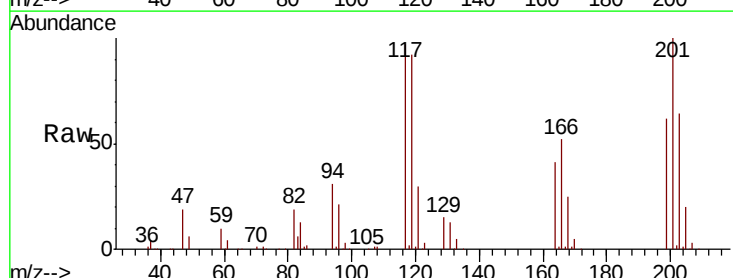
Tgt Ion:117 Resp: 170896

Ion Ratio Lower Upper

117 100

119 95.0 78.0 117.0

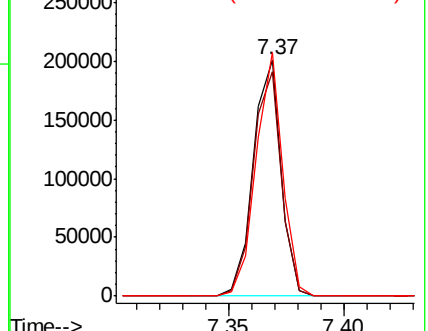
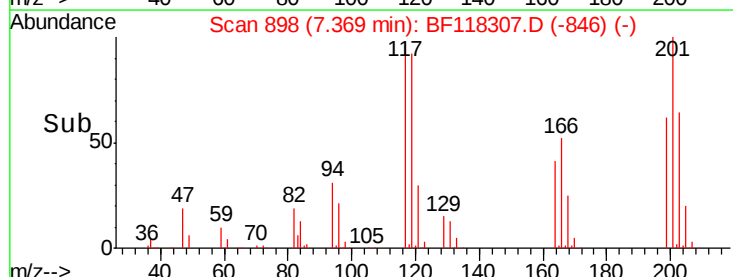
201 102.9 76.2 114.2

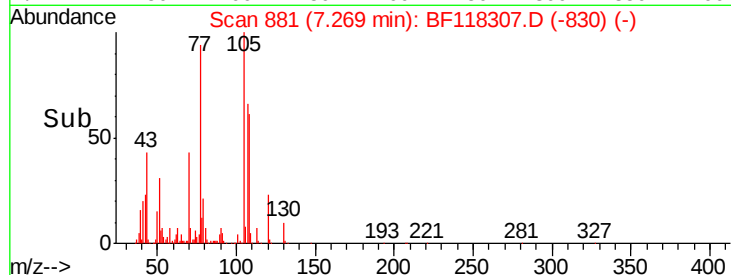
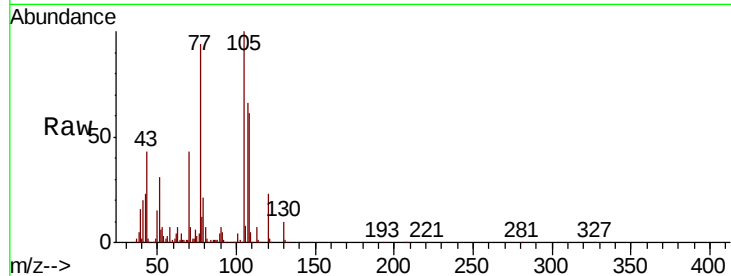
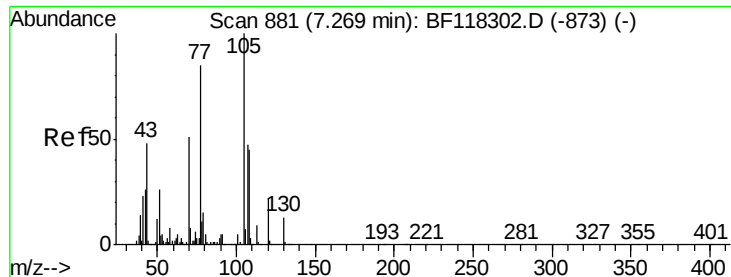


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

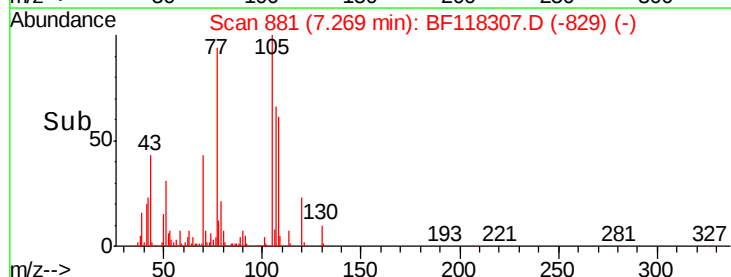
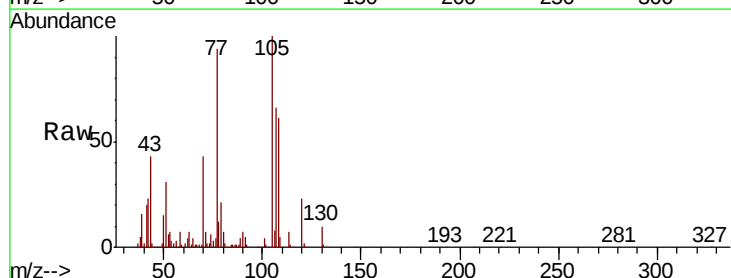
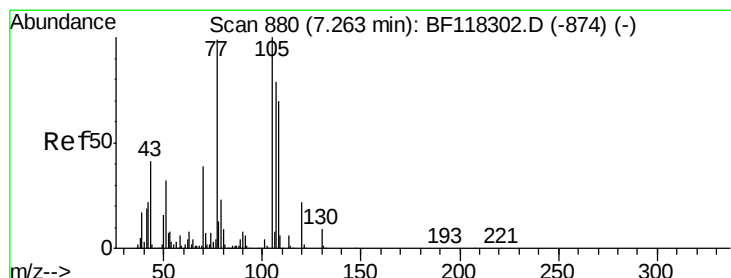
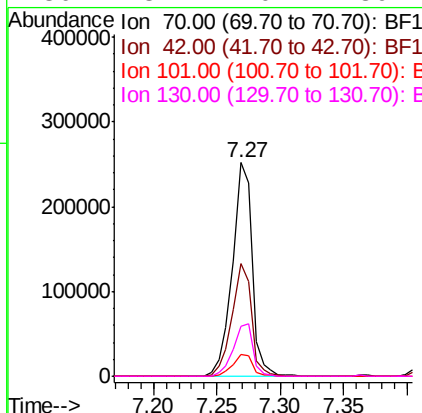




#19
n-Nitroso-di-n-propylamine
Concen: 38.069 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

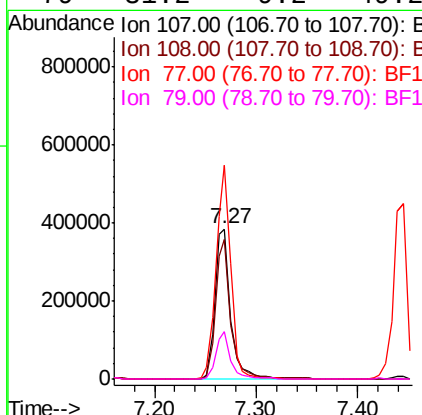
Instrument :
BNA_E
ClientSampleId :
ICVBF122419

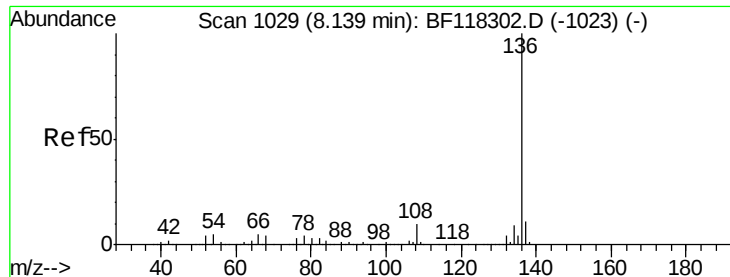
Tot Ion:	70	Resp:	270156
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.1	61.7
101	10.3	8.3	12.5
130	23.2	20.1	30.1



#20
3+4-Methylphenols
Concen: 38.221 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:	107	Resp:	412634
Ion	Ratio	Lower	Upper
107	100		
108	92.8	69.3	109.3
77	142.4	105.9	145.9
79	31.2	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

Tot Ion:136 Resp: 620638

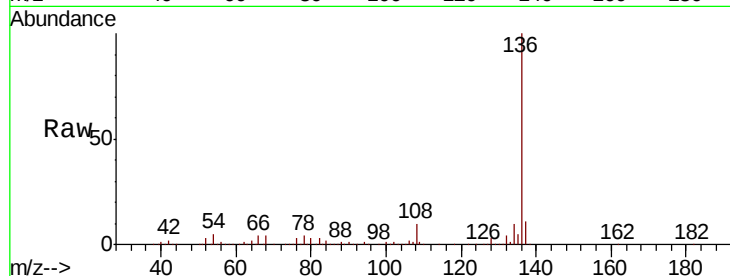
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 4.8 4.2 6.4

68 3.9 3.5 5.3

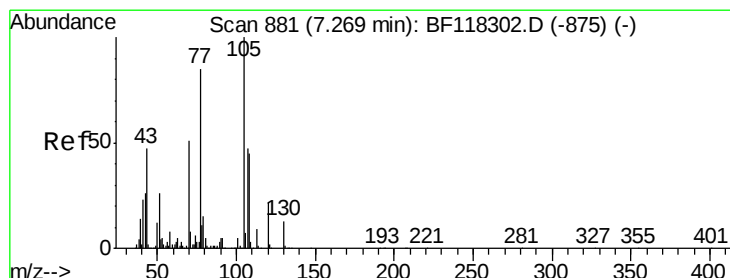
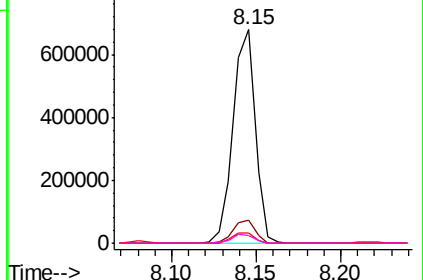
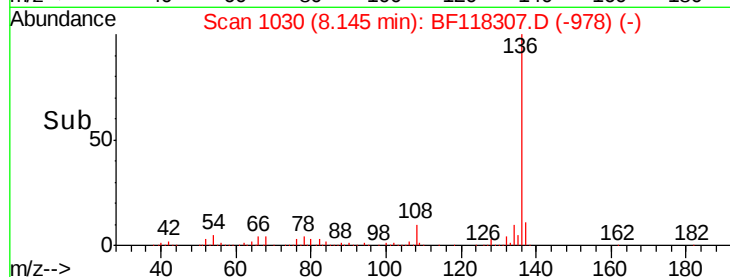


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.016 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Tgt Ion:105 Resp: 578272

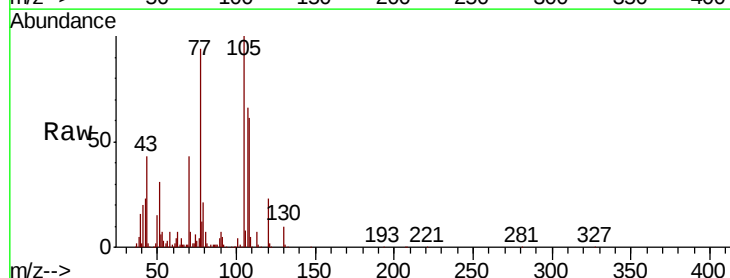
Ion Ratio Lower Upper

105 100

71 7.3 6.6 9.8

51 30.9 20.6 30.8#

120 22.6 18.0 27.0

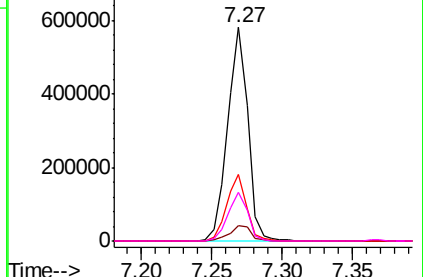
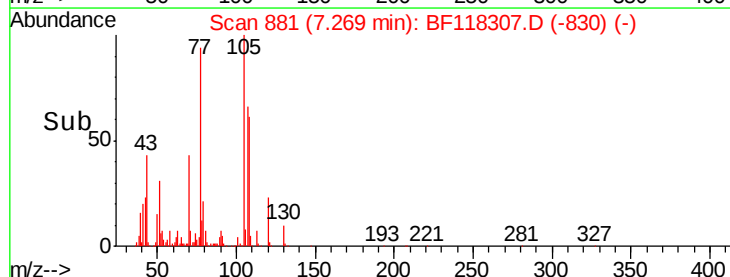


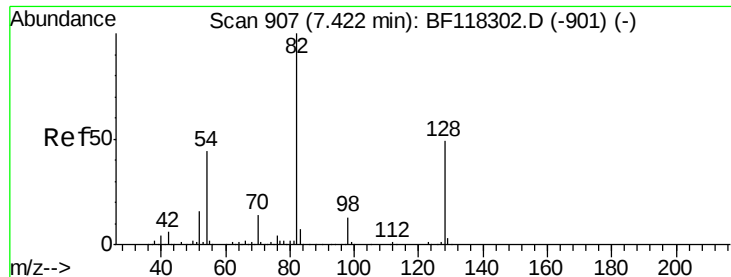
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

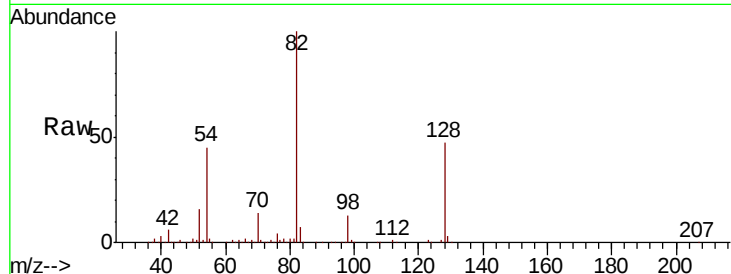




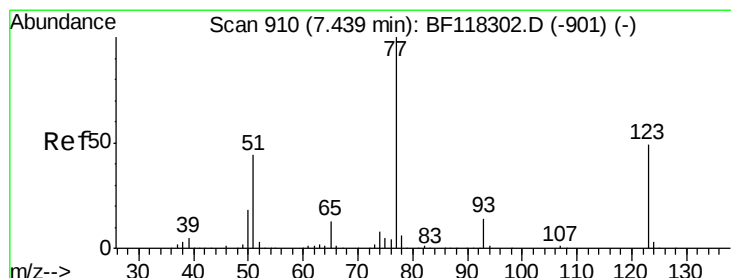
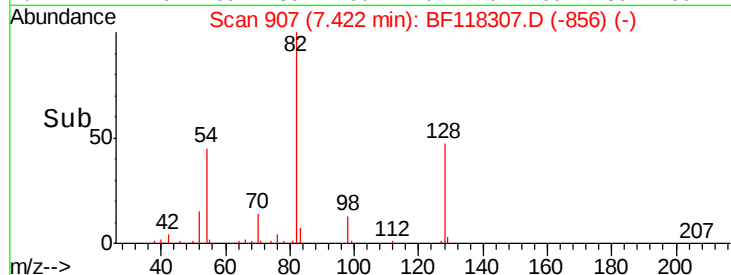
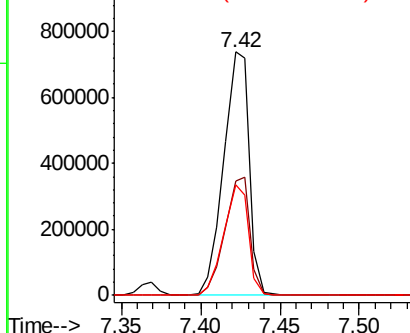
#23
Nitrobenzene-d5
Concen: 76.329 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion	82	Resp	828264
Ion Ratio	100	Lower	Upper
128	47.1	39.6	59.4
54	45.2	34.9	52.3

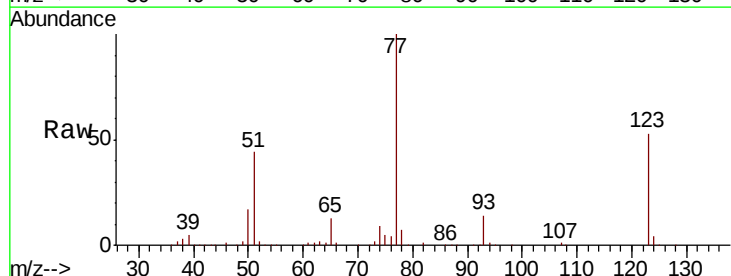


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

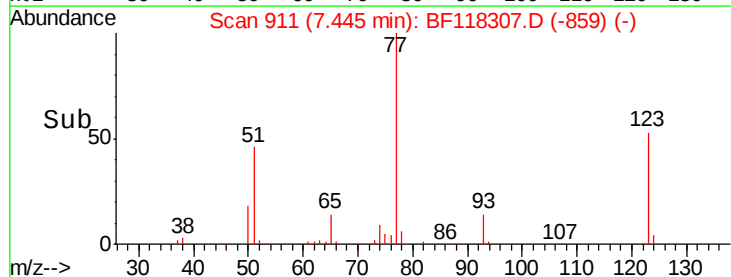
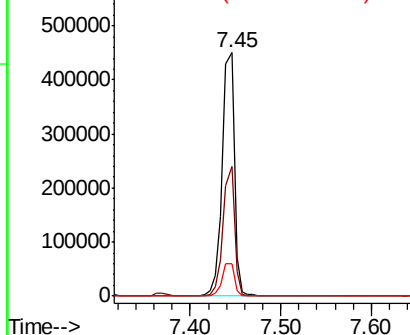


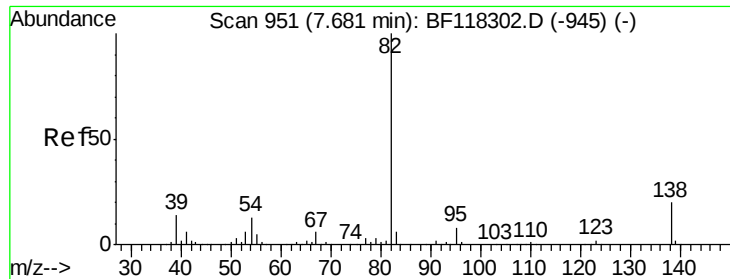
#24
Nitrobenzene
Concen: 38.255 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion	77	Resp	415830
Ion Ratio	100	Lower	Upper
123	53.3	39.1	58.7
65	13.3	10.6	16.0



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: 37.584 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

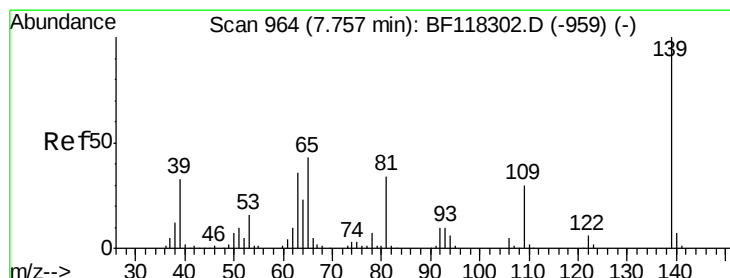
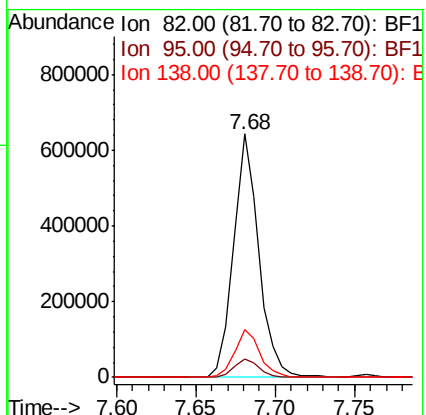
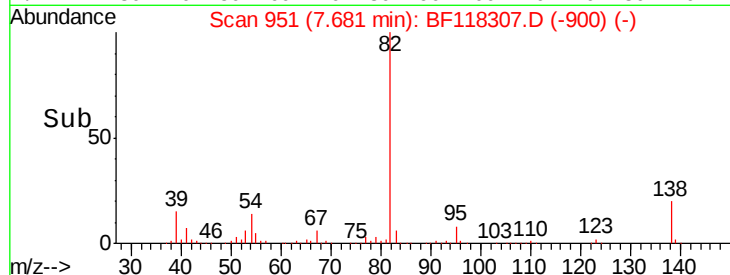
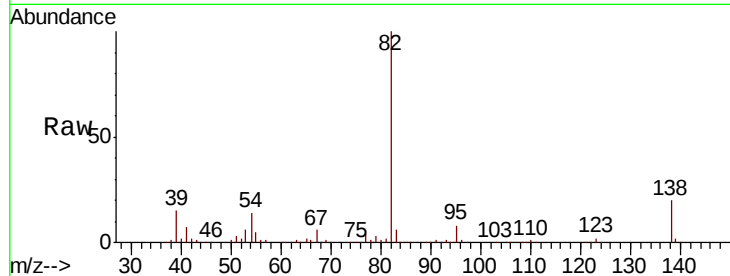
Tot Ion: 82 Resp: 710768

Ion Ratio Lower Upper

82 100

95 7.6 6.3 9.5

138 19.7 16.2 24.2



#26

2-Nitrophenol

Concen: 38.581 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

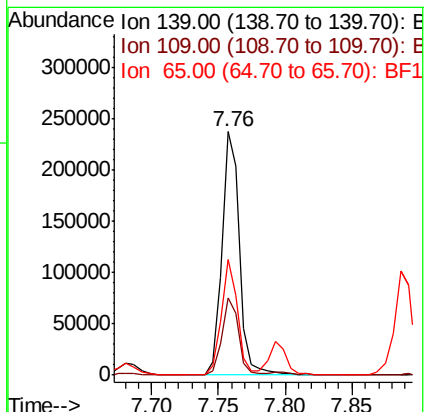
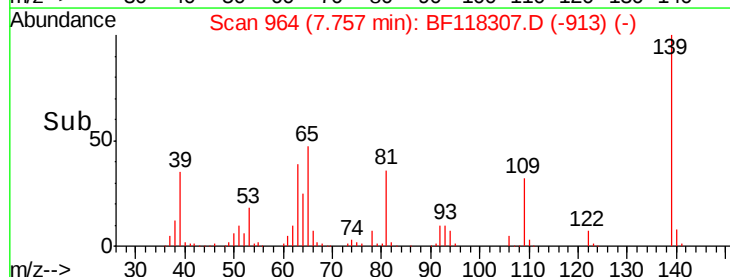
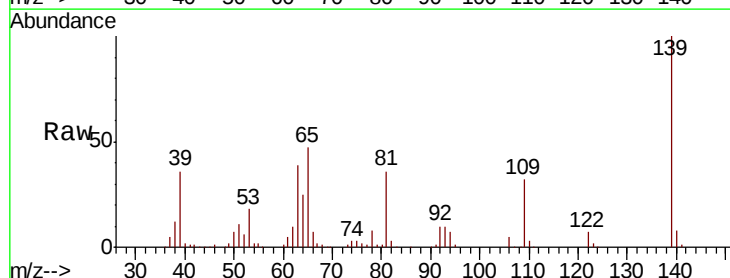
Tgt Ion: 139 Resp: 222132

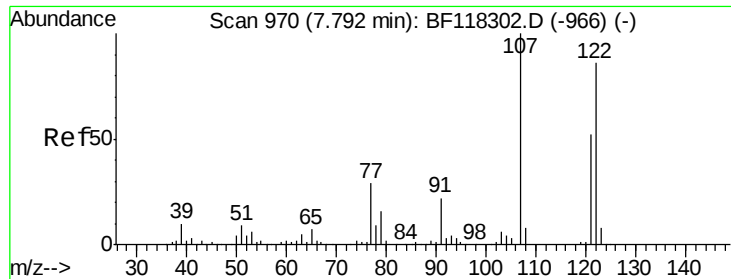
Ion Ratio Lower Upper

139 100

109 31.7 24.1 36.1

65 47.3 34.6 52.0

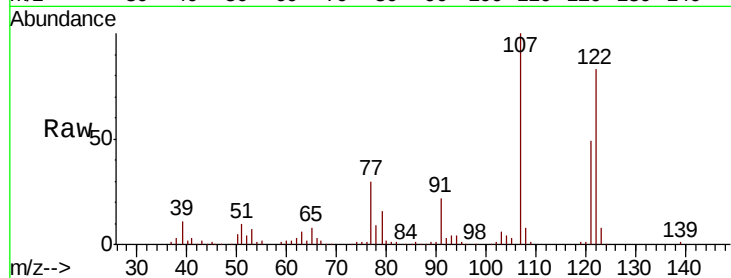




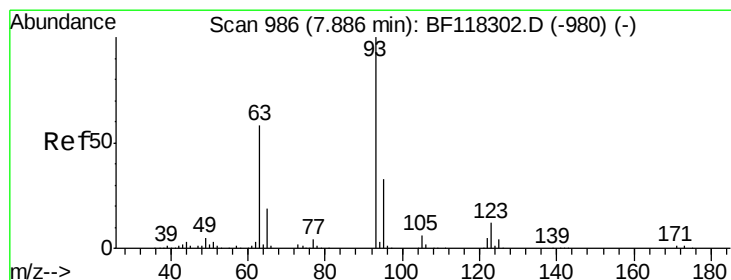
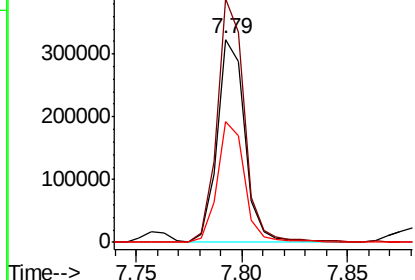
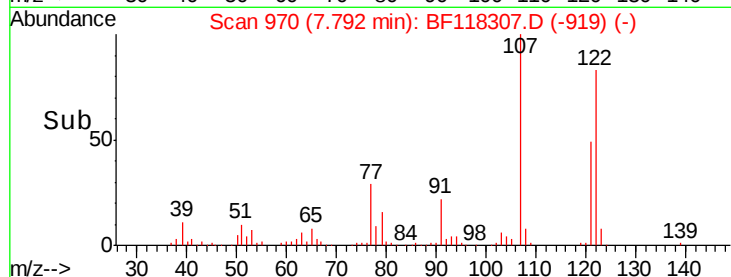
#27
2,4-Dimethylphenol
Concen: 37.483 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:122 Resp: 294449
Ion Ratio Lower Upper
122 100
107 120.1 92.9 139.3
121 59.3 47.9 71.9

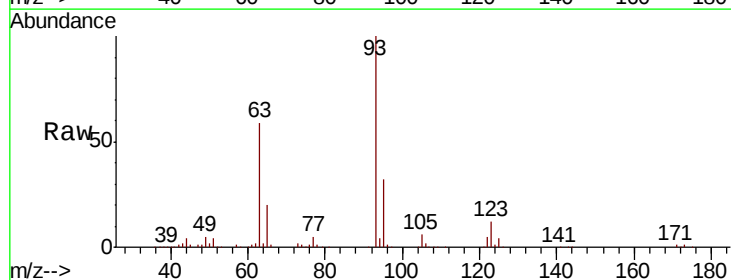


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

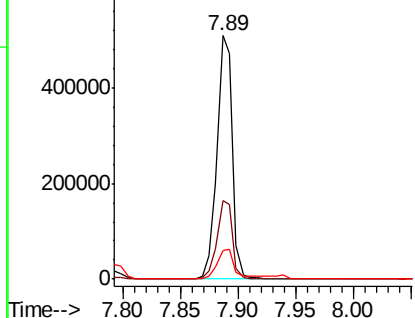
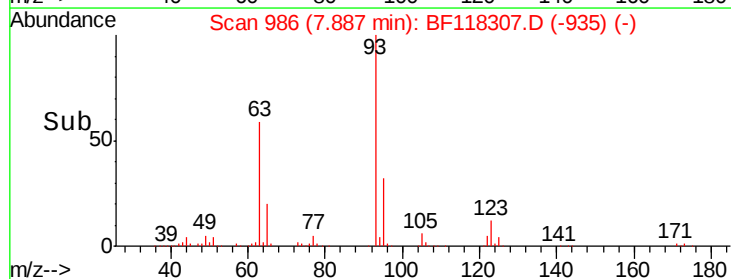


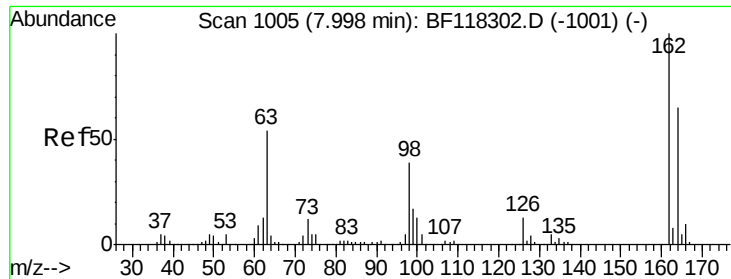
#28
bis(2-Chloroethoxy)methane
Concen: 38.002 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion: 93 Resp: 470017
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 11.6 9.8 14.8



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

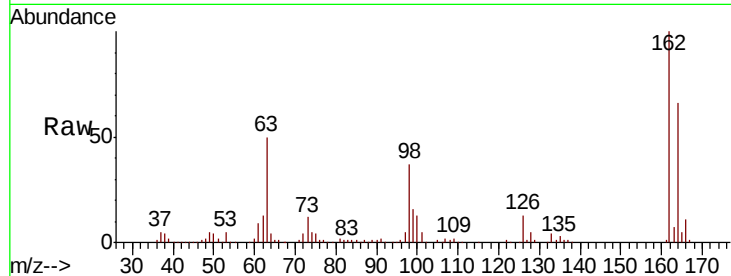




#29
 2,4-Dichlorophenol
 Concen: 37.189 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.1	85.1
98	36.6	18.6	58.6

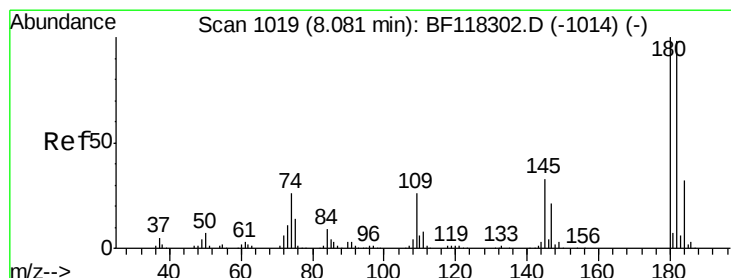
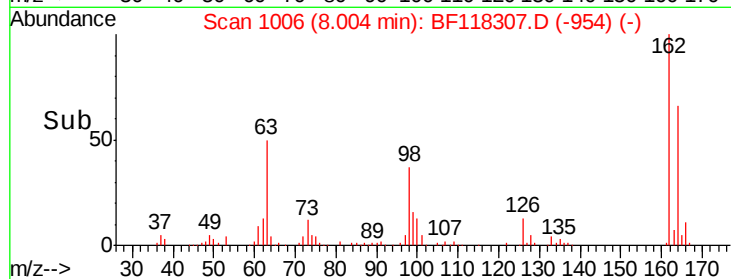
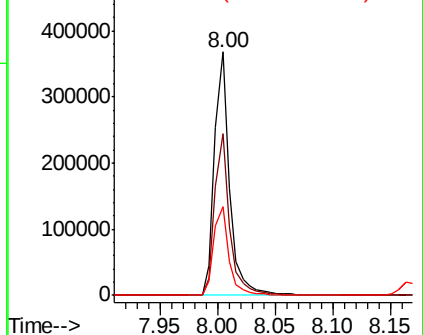


Abundance

Ion 162.00 (161.70 to 162.70): E

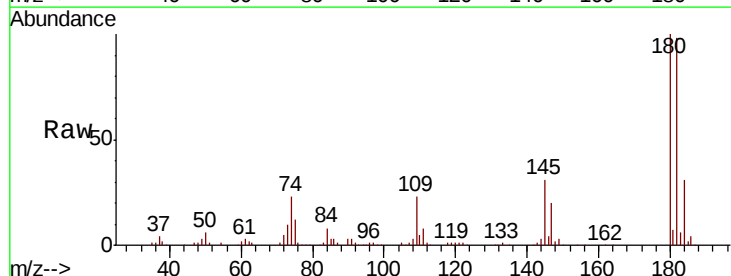
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.528 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.3	117.5
145	31.0	26.7	40.1

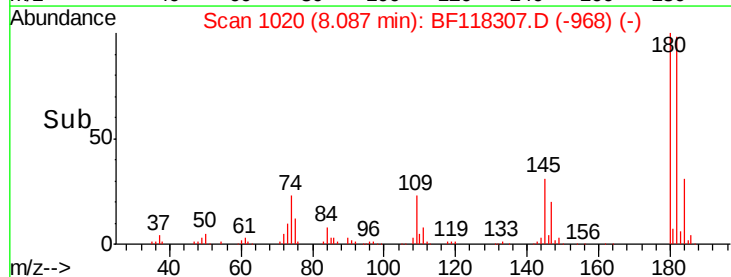
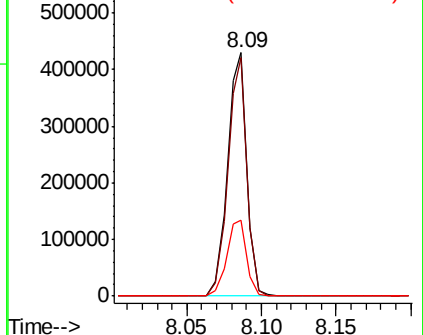


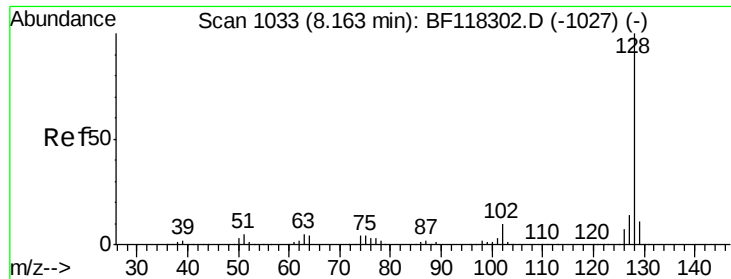
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

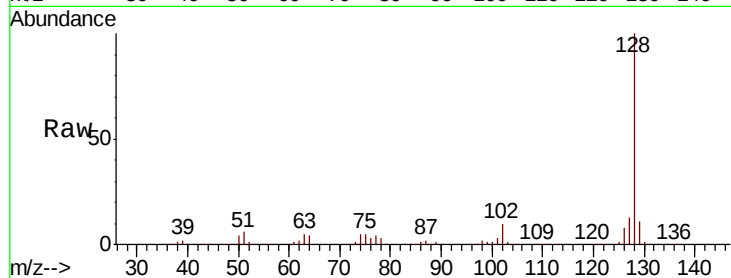




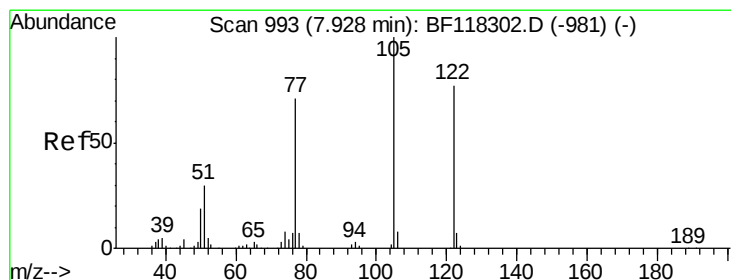
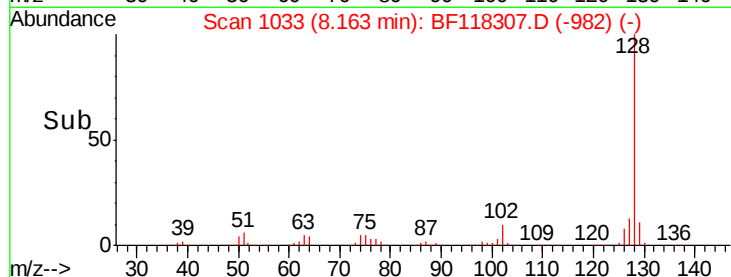
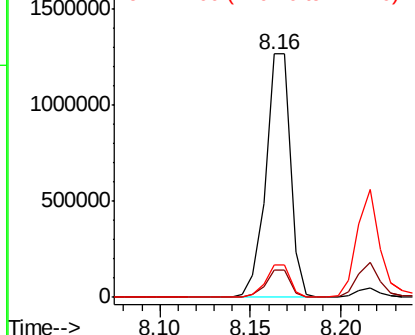
#31
Naphthalene
Concen: 38.306 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:128 Resp: 1208368
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.5 11.0 16.4

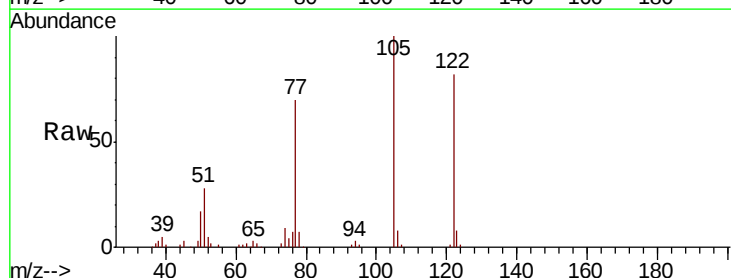


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

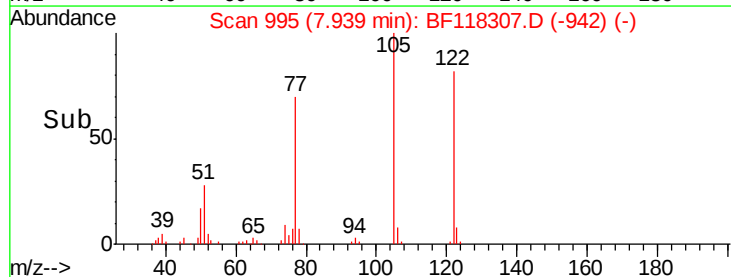
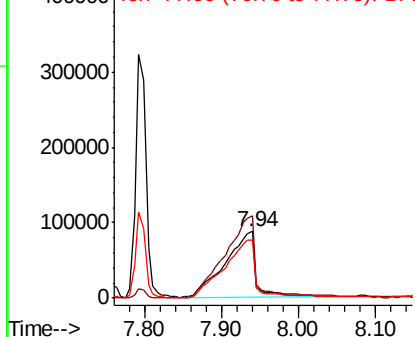


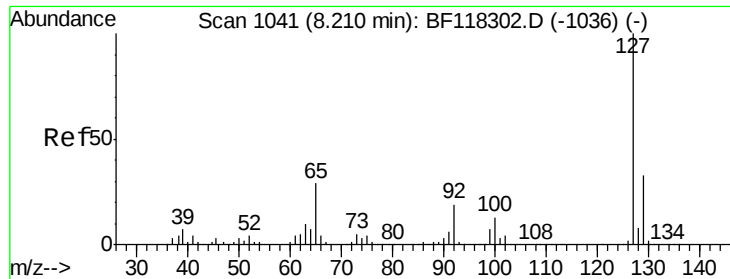
#32
Benzoic acid
Concen: 38.225 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:122 Resp: 244865
Ion Ratio Lower Upper
122 100
105 122.4 106.8 146.8
77 86.1 70.4 110.4



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

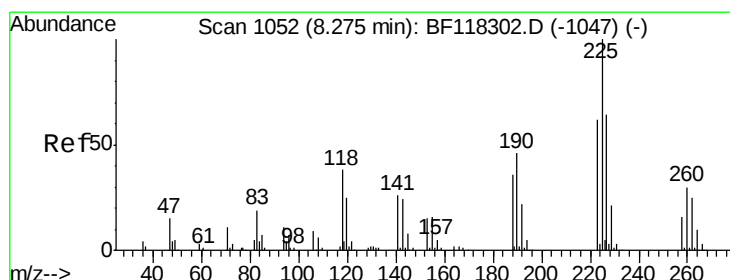
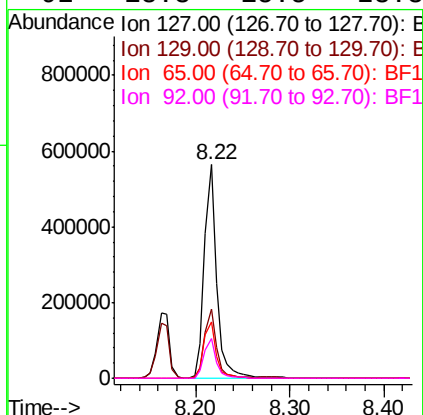
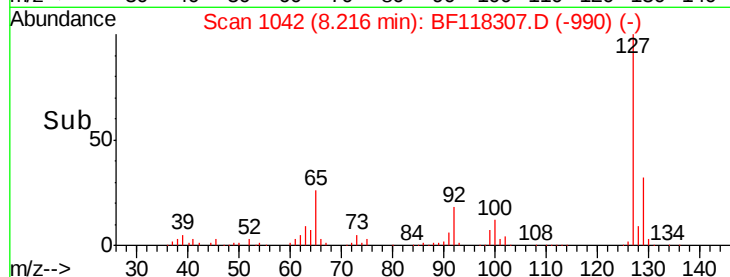
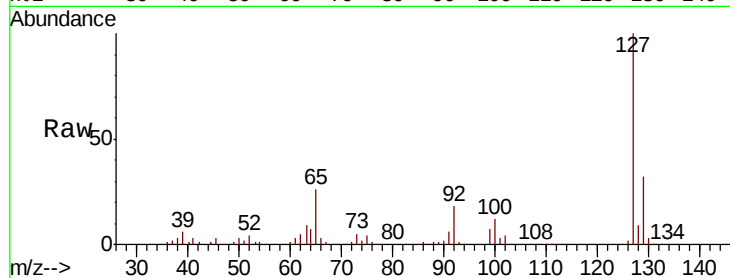




#33
4-Chloroaniline
Concen: 38.636 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

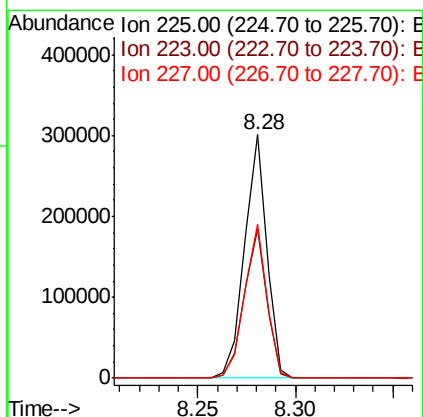
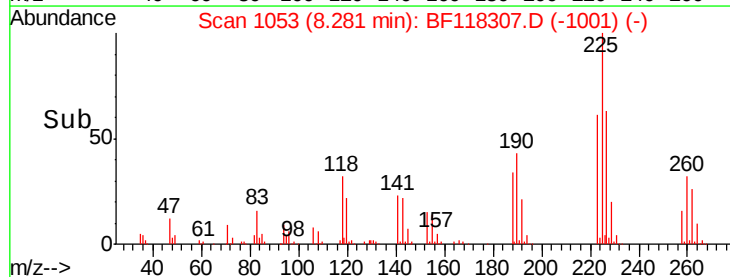
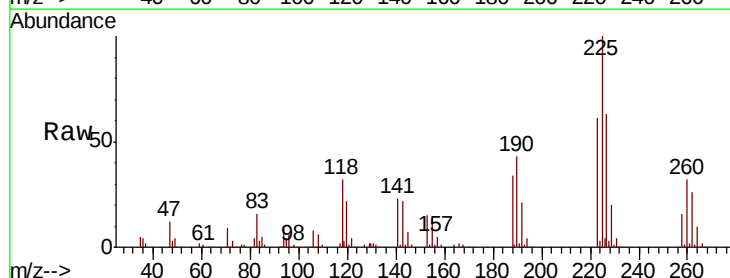
Instrument :
BNA_E
ClientSampleId :
ICVBF122419

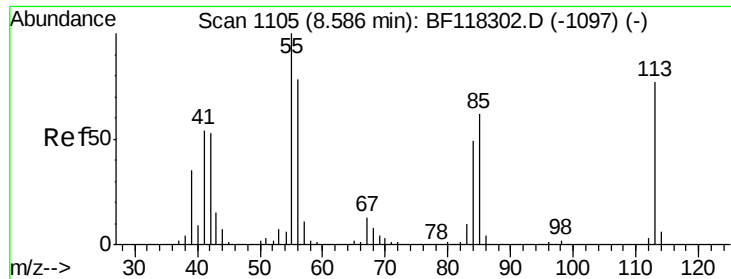
Tot Ion:	127	Resp:	522473
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	26.4	22.8	34.2
92	18.3	15.5	23.3



#34
Hexachlorobutadiene
Concen: 37.994 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:	225	Resp:	238210
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	63.5	51.0	76.4

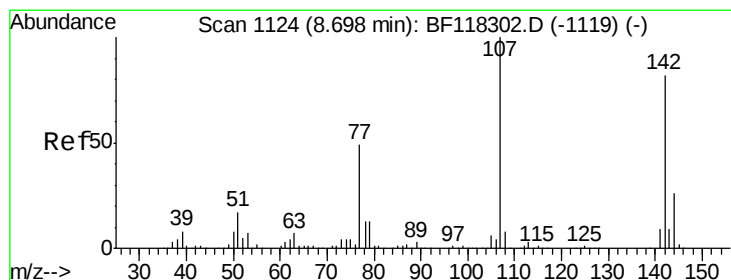
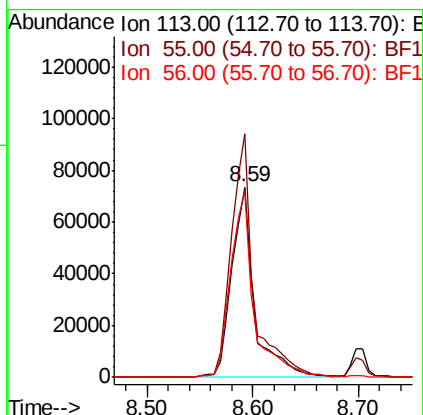
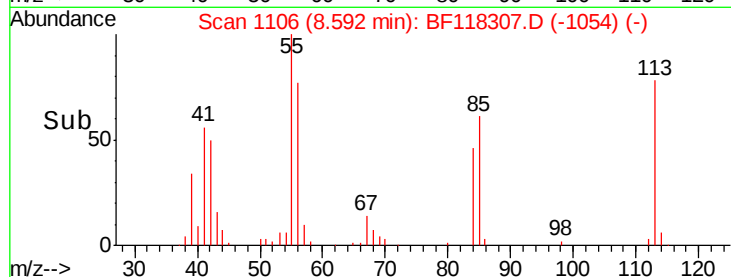
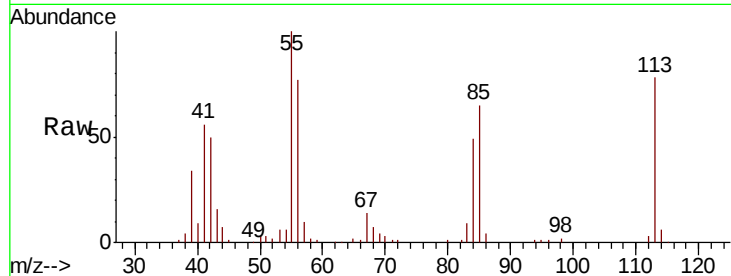




#35
Caprolactam
Concen: 38.904 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

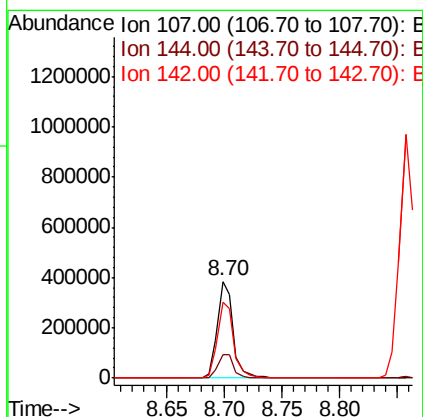
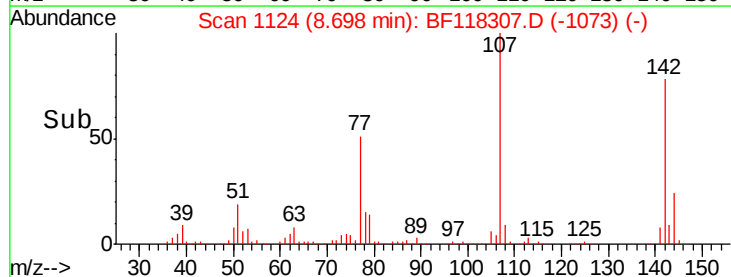
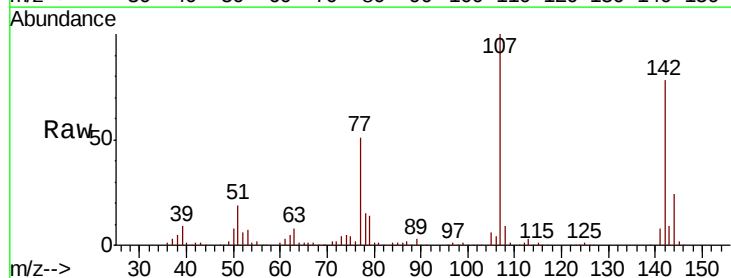
Instrument :
BNA_E
ClientSampleId :
ICVBF122419

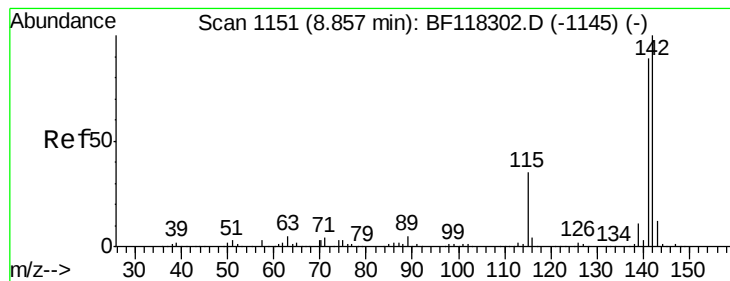
Tot Ion:113 Resp: 109818
Ion Ratio Lower Upper
113 100
55 128.0 109.8 149.8
56 97.9 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 37.877 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:107 Resp: 367696
Ion Ratio Lower Upper
107 100
144 24.1 21.2 31.8
142 78.4 65.4 98.2





#37

2-Methylnaphthalene

Concen: 37.860 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

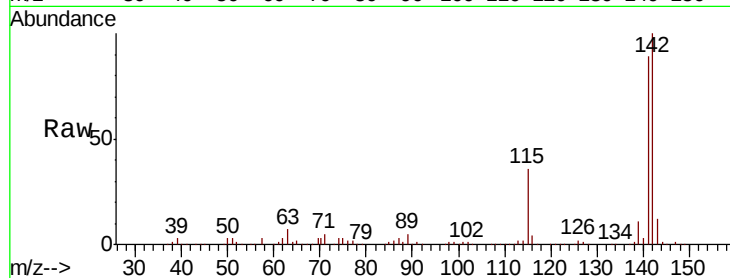
Tot Ion:142 Resp: 817684

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8

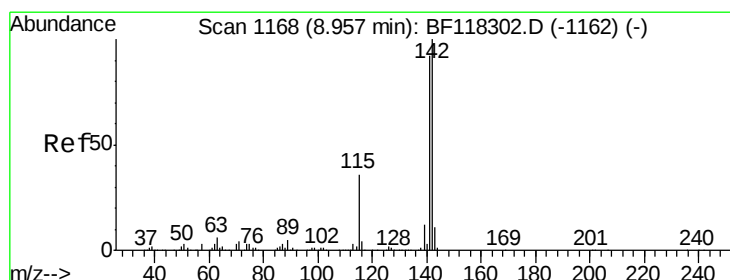
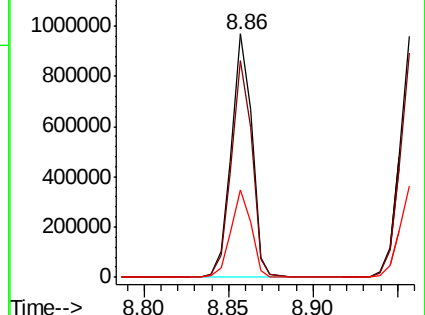
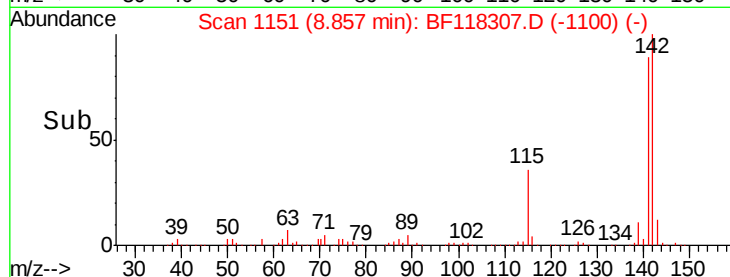
115 35.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.674 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

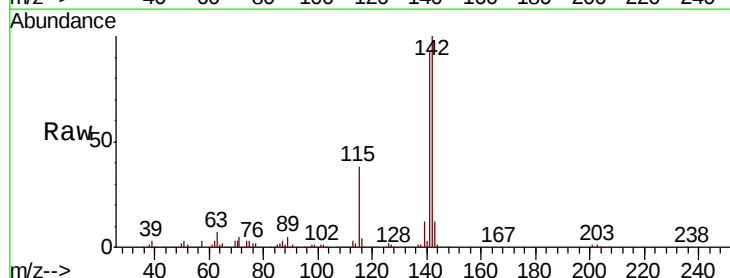
Tgt Ion:142 Resp: 766593

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.2

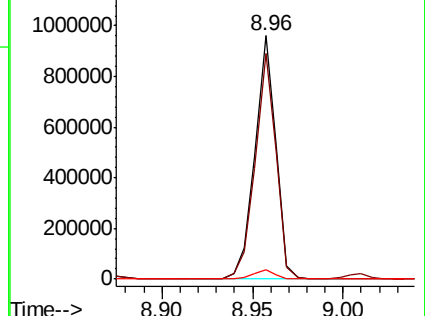
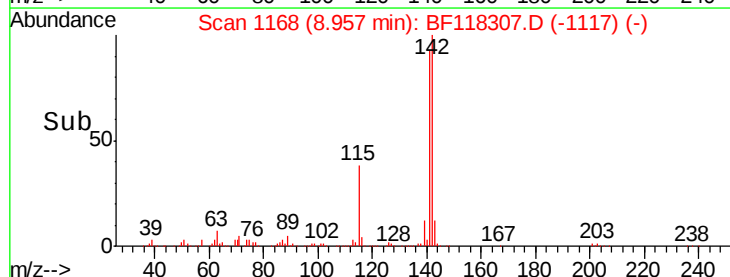
116 4.0 2.9 4.3

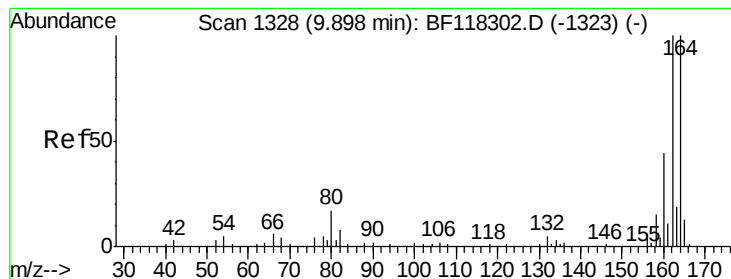


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

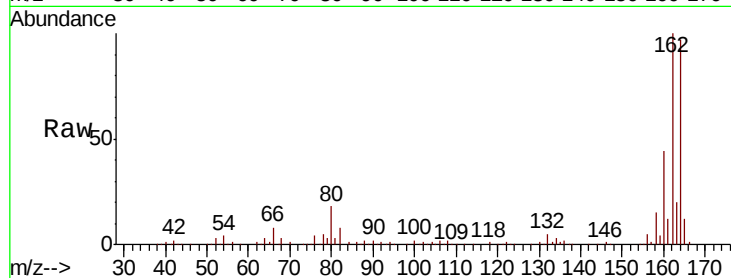
Tot Ion:164 Resp: 329242

Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

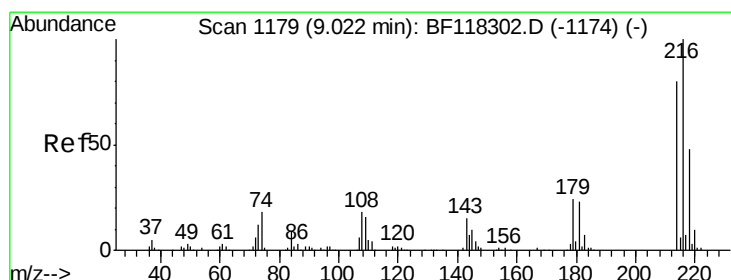
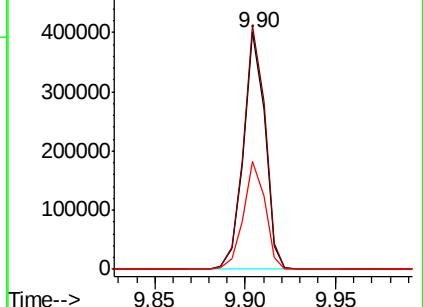
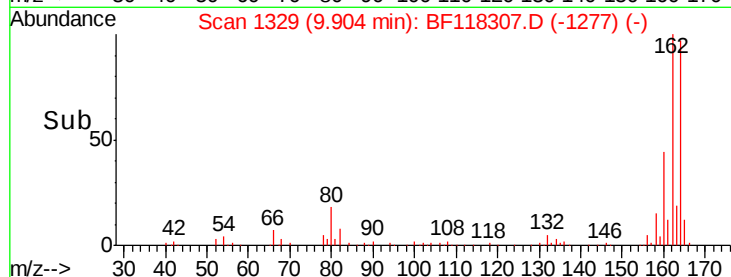
160 45.6 34.8 52.2



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: 38.430 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Tgt Ion:216 Resp: 380162

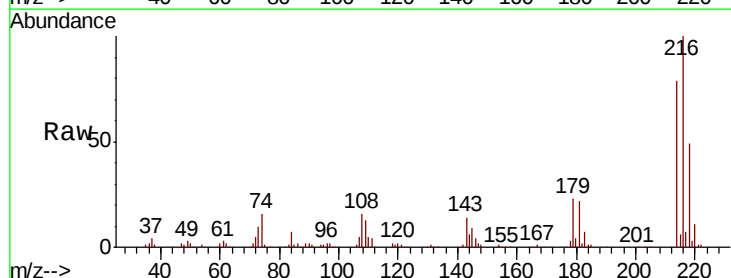
Ion Ratio Lower Upper

216 100

214 78.8 63.3 94.9

179 23.7 18.9 28.3

108 19.1 15.0 22.6

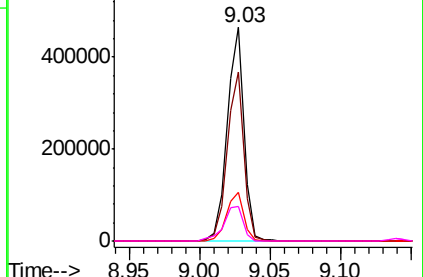
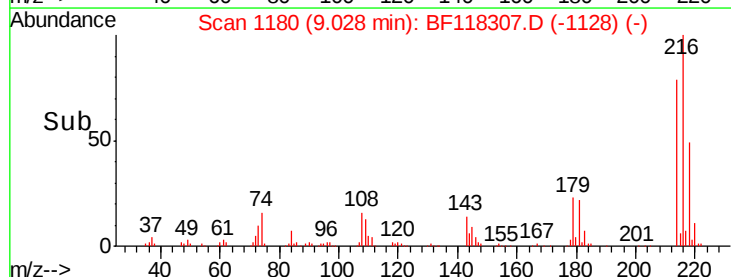


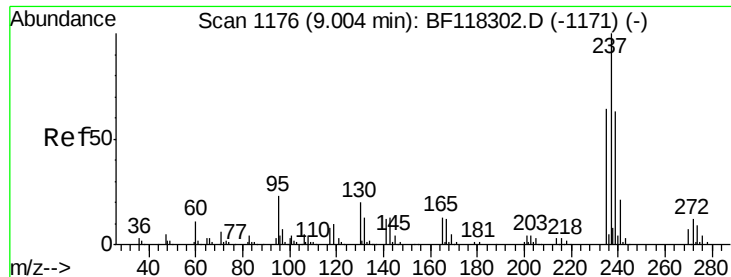
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.961 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

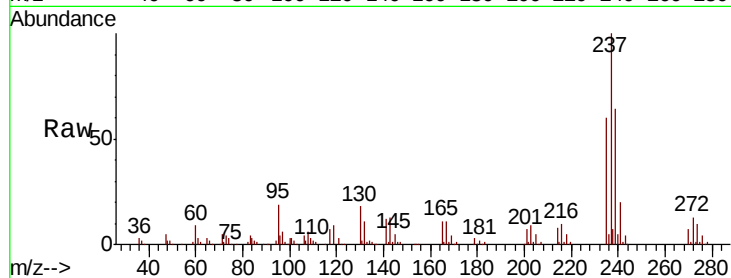
Tot Ion:237 Resp: 126430

Ion Ratio Lower Upper

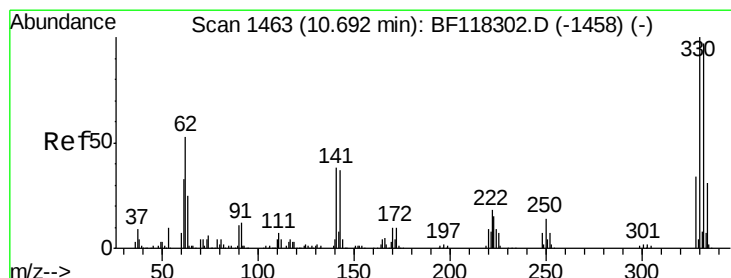
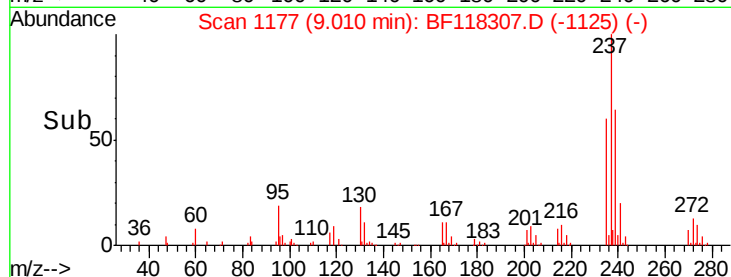
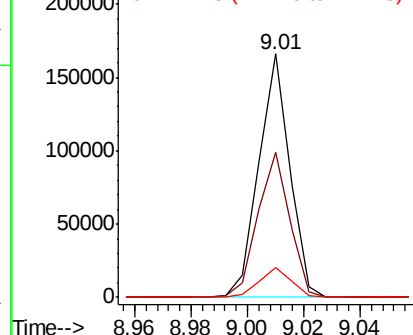
237 100

235 59.8 43.8 83.8

272 12.5 0.0 31.7



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: 76.525 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

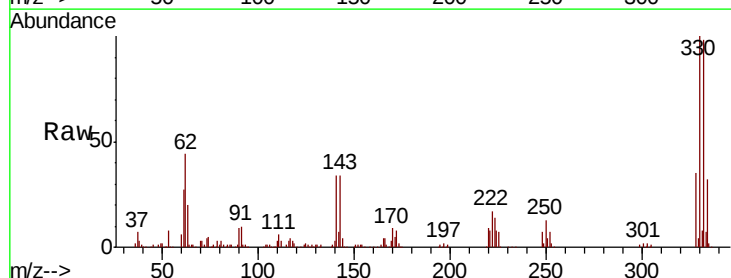
Tgt Ion:330 Resp: 311142

Ion Ratio Lower Upper

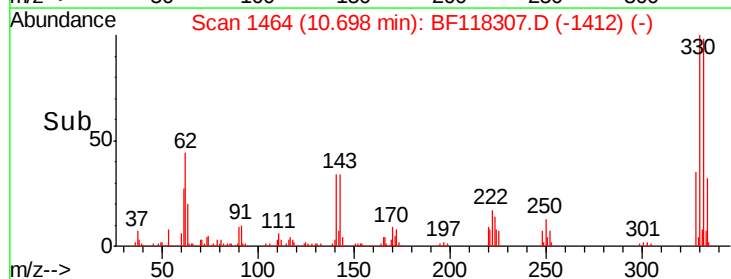
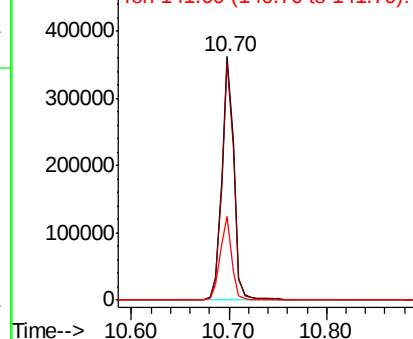
330 100

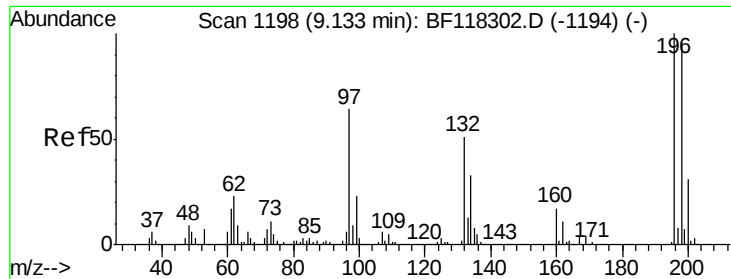
332 97.2 76.6 114.8

141 33.0 26.0 39.0



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

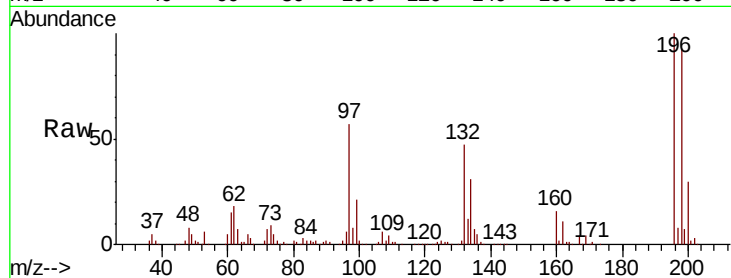




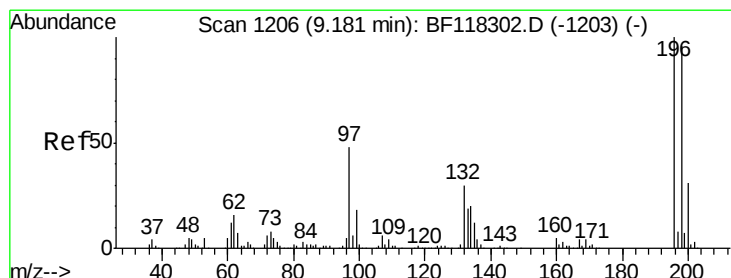
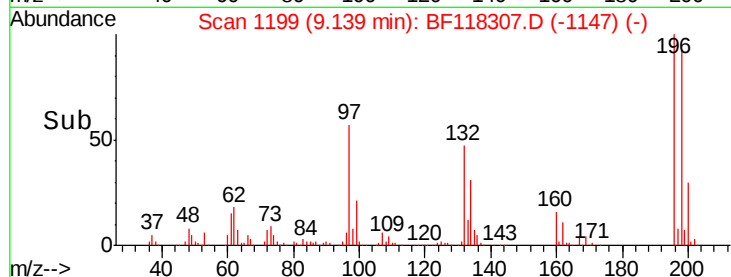
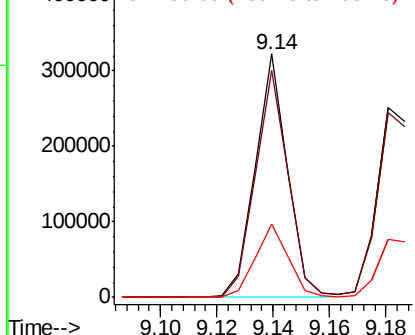
#43
 2,4,6-Trichlorophenol
 Concen: 38.605 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion:196 Resp: 255129
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.7 115.1
 200 30.2 24.8 37.2



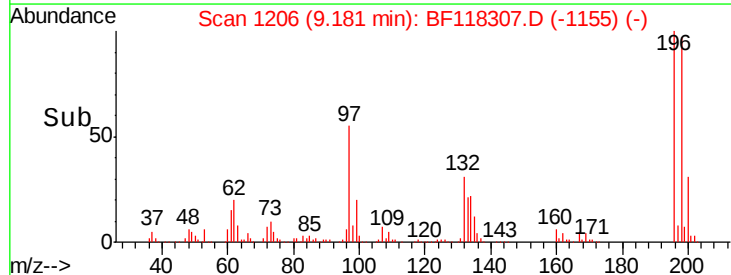
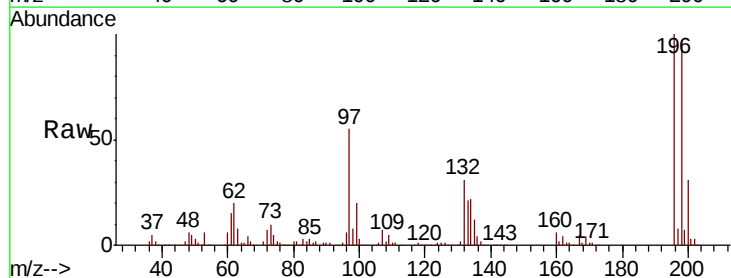
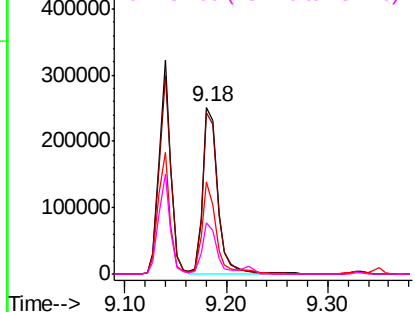
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

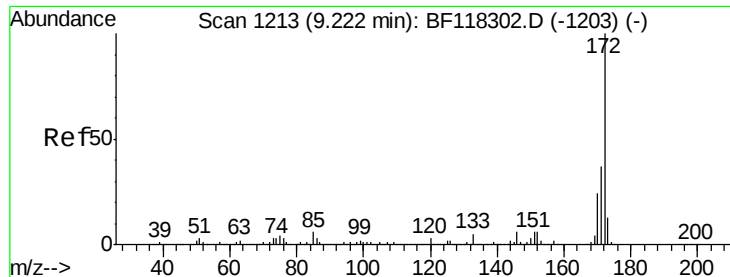


#44
 2,4,5-Trichlorophenol
 Concen: 38.520 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion:196 Resp: 261877
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.4
 97 55.2 38.9 58.3
 132 30.7 23.9 35.9

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

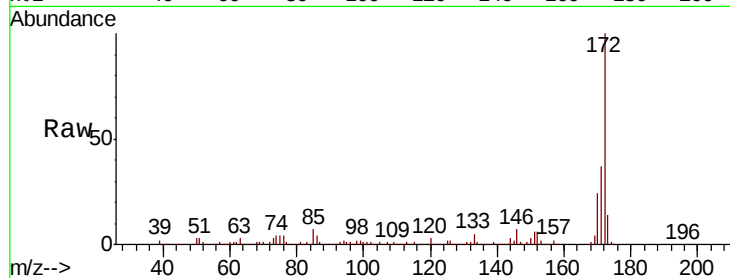




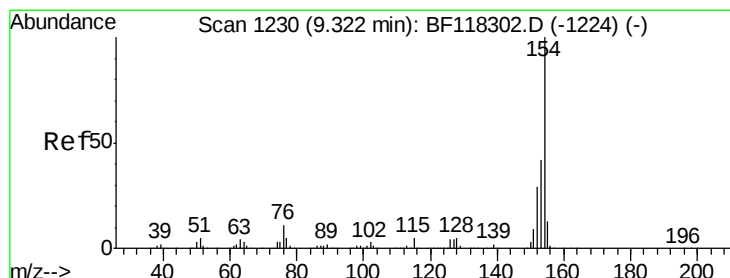
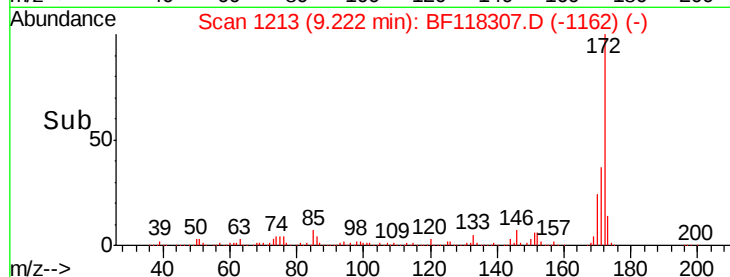
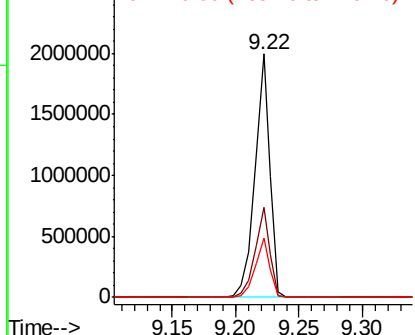
#45
2-Fluorobiphenyl
Concen: 76.885 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:172 Resp: 1658318
Ion Ratio Lower Upper
172 100
171 37.1 29.3 43.9
170 24.4 19.2 28.8

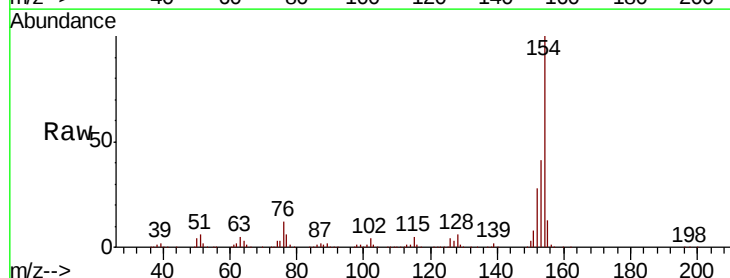


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

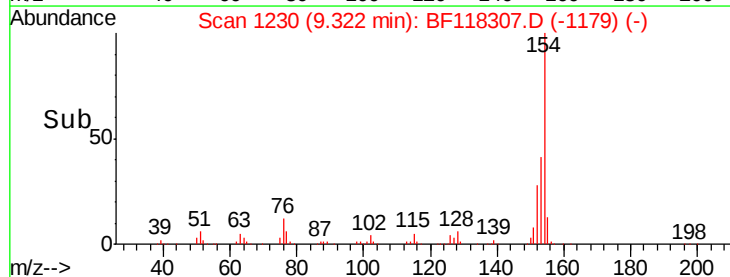
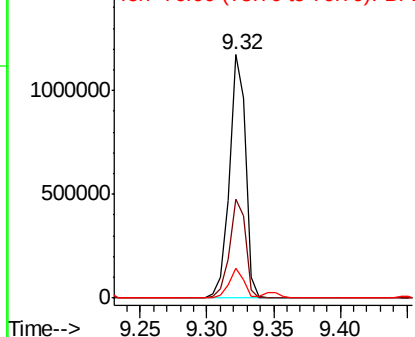


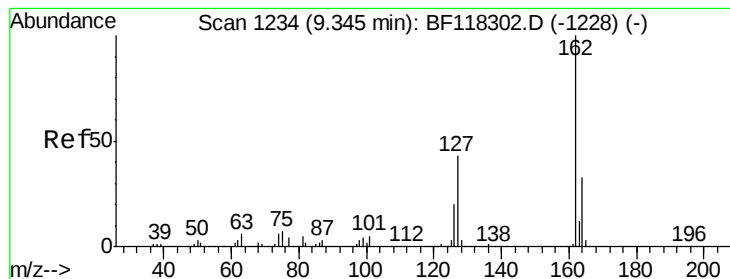
#46
1,1'-Biphenyl
Concen: 38.622 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:154 Resp: 1005767
Ion Ratio Lower Upper
154 100
153 40.8 21.8 61.8
76 12.2 0.0 30.9



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





#47

2-Chloronaphthalene

Concen: 38.597 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

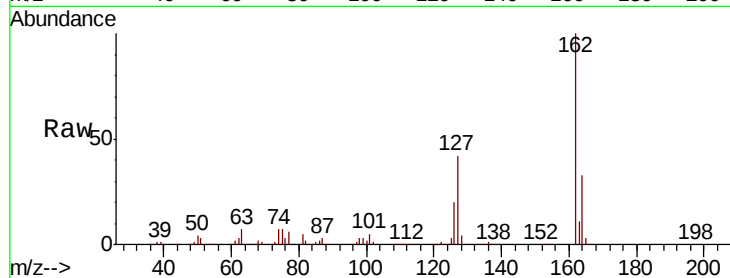
Tot Ion:162 Resp: 808957

Ion Ratio Lower Upper

162 100

127 41.7 35.0 52.4

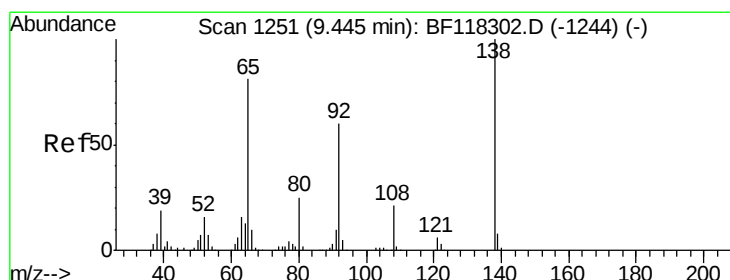
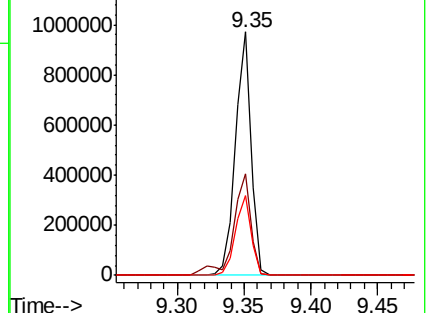
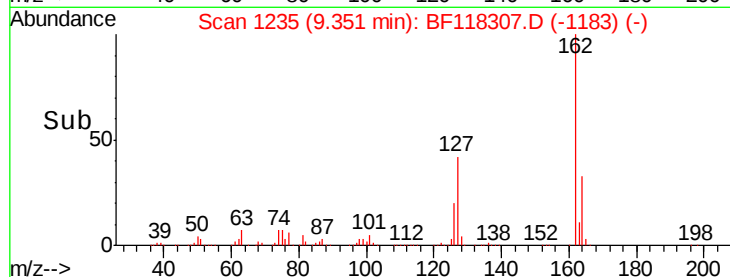
164 32.8 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.120 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

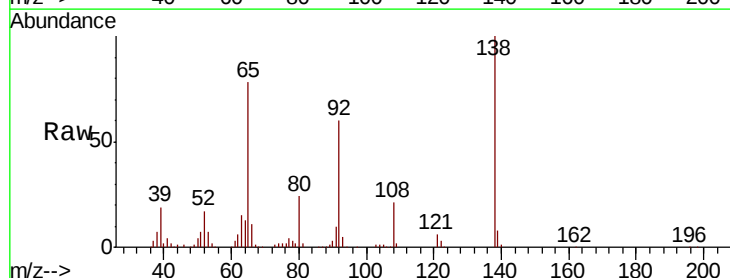
Tgt Ion: 65 Resp: 225667

Ion Ratio Lower Upper

65 100

92 76.5 58.7 88.1

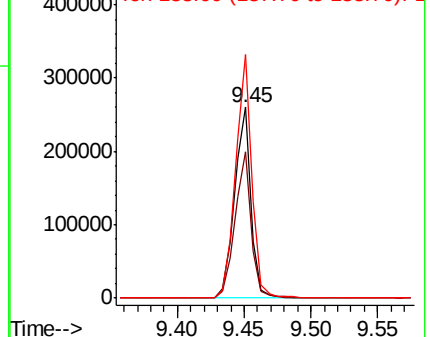
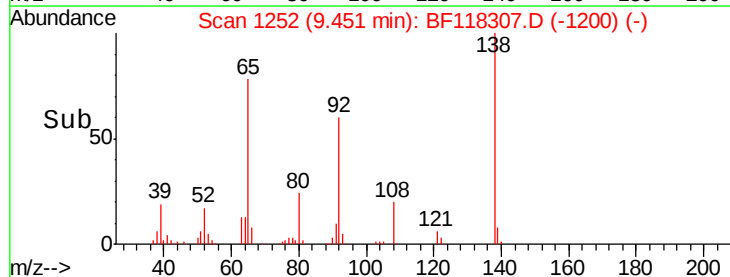
138 127.5 98.5 147.7

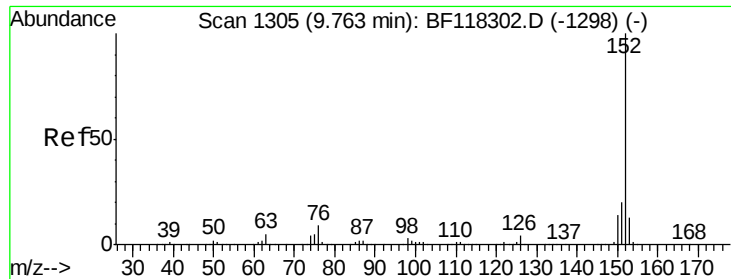


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.691 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

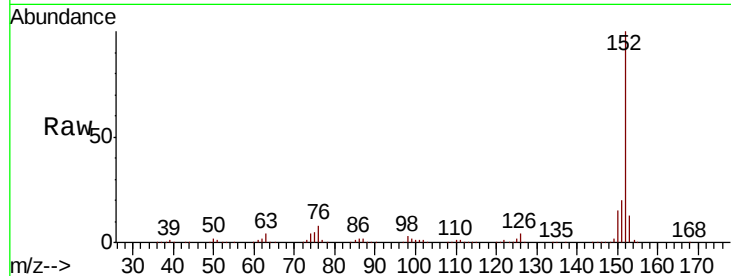
Tot Ion:152 Resp: 1202681

Ion Ratio Lower Upper

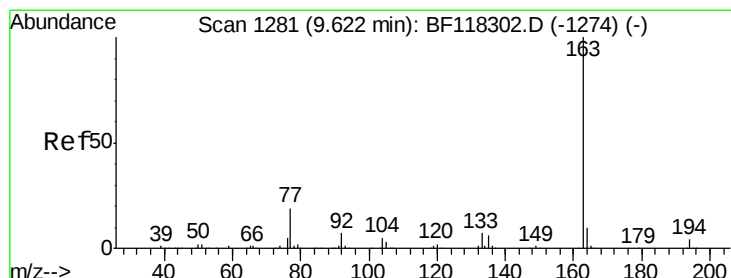
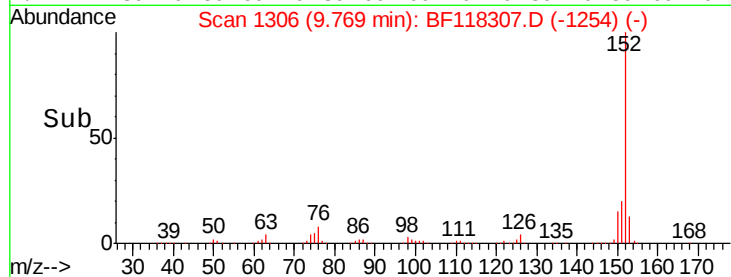
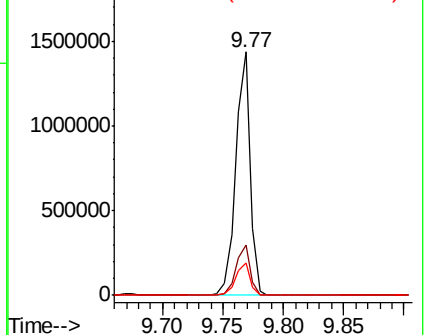
152 100

151 20.4 16.2 24.2

153 13.5 10.5 15.7



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: 37.952 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

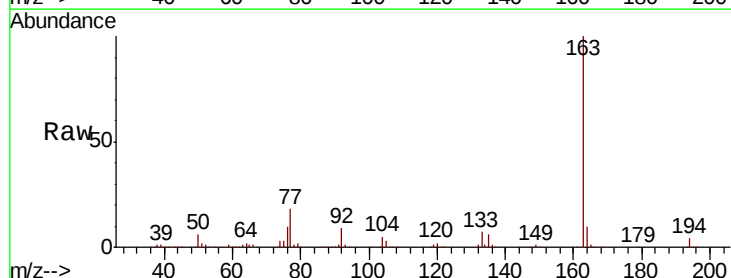
Tgt Ion:163 Resp: 937946

Ion Ratio Lower Upper

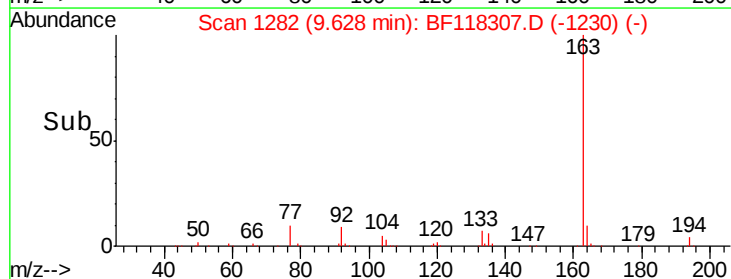
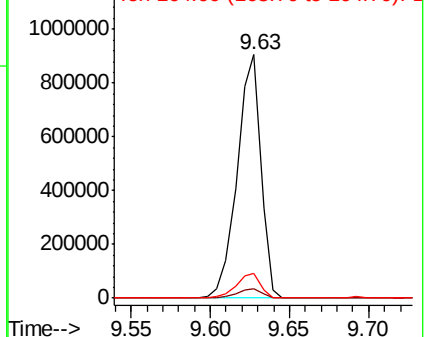
163 100

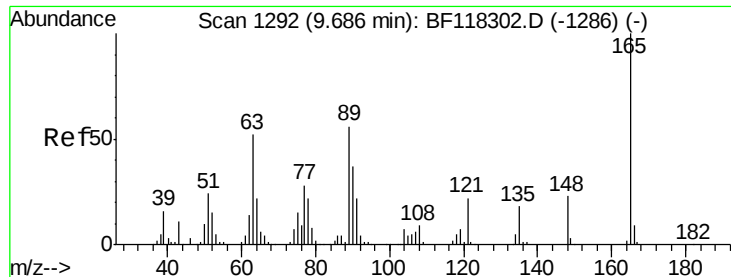
194 3.9 3.2 4.8

164 10.2 7.9 11.9



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

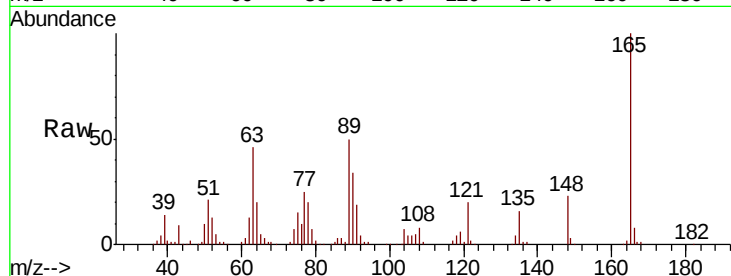




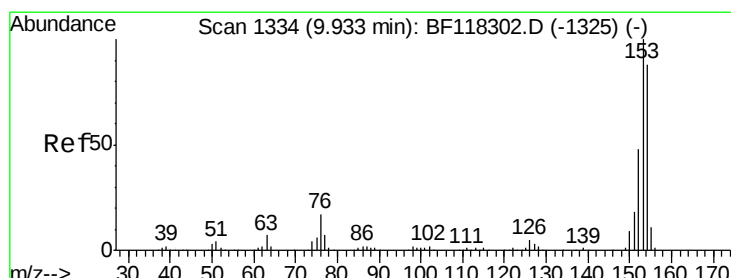
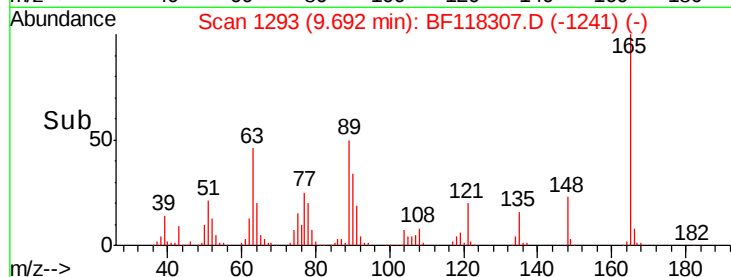
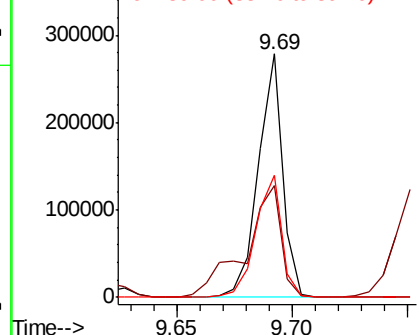
#51
2,6-Dinitrotoluene
Concen: 38.745 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	42.2	63.4
89	49.9	44.4	66.6

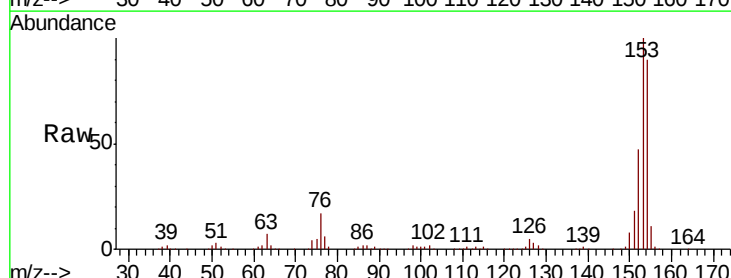


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

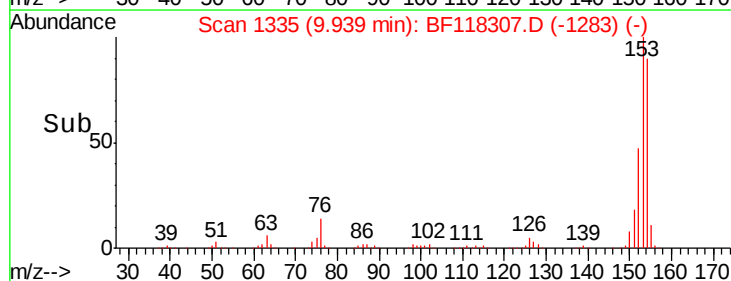
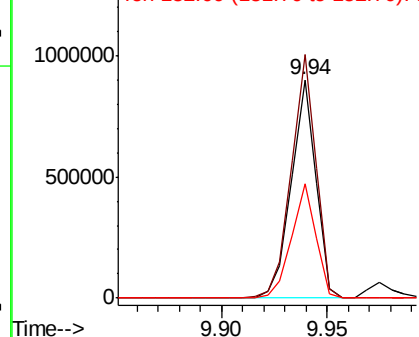


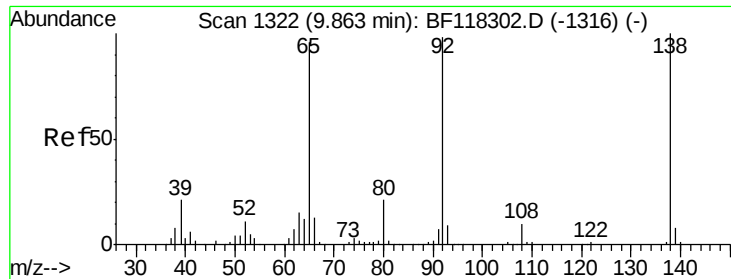
#52
Acenaphthene
Concen: 38.938 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.6	136.0
152	52.4	43.1	64.7



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

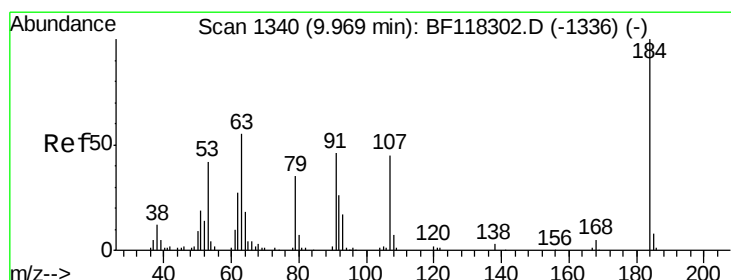
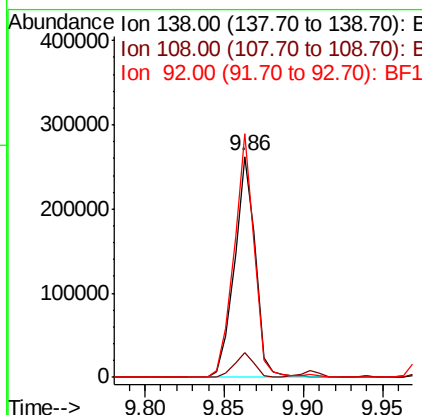
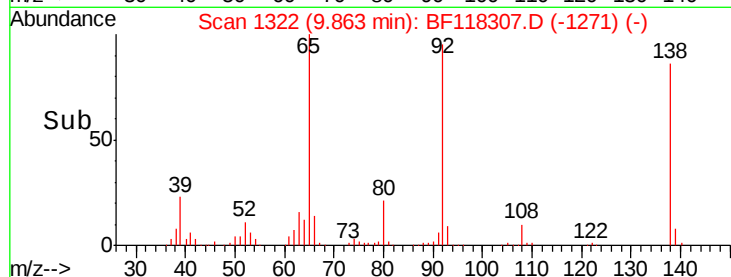
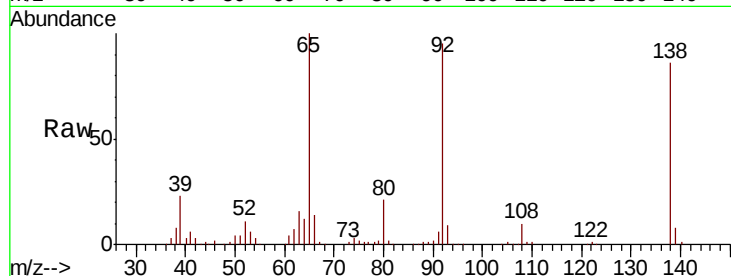




#53
3-Nitroaniline
Concen: 38.341 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

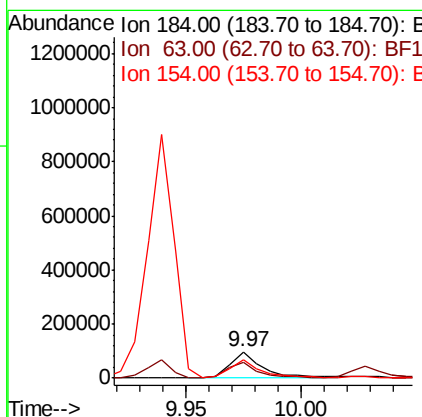
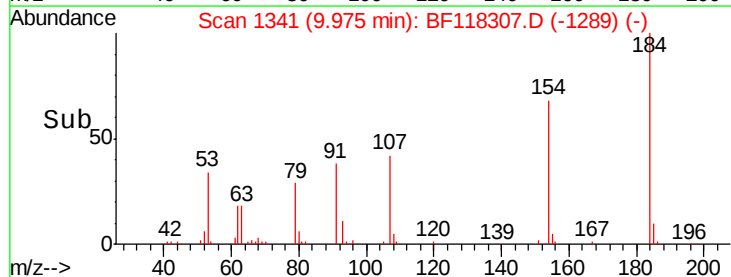
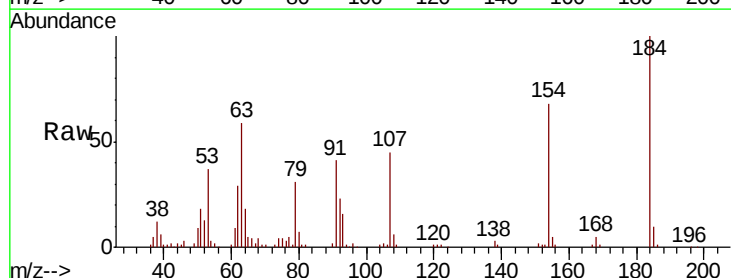
Instrument :
BNA_E
ClientSampleId :
ICVBF122419

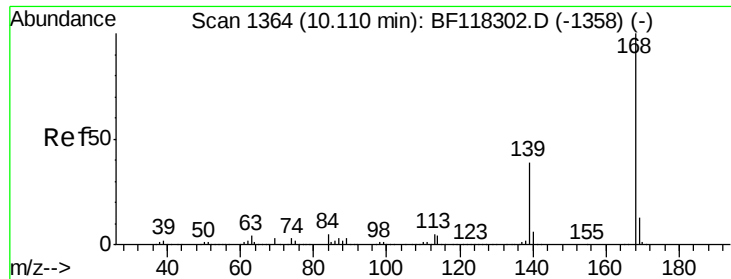
Tot Ion:138 Resp: 239773
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.8
92 110.3 78.2 117.2



#54
2,4-Dinitrophenol
Concen: 37.757 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:184 Resp: 93569
Ion Ratio Lower Upper
184 100
63 58.6 48.8 73.2
154 68.0 55.0 82.4

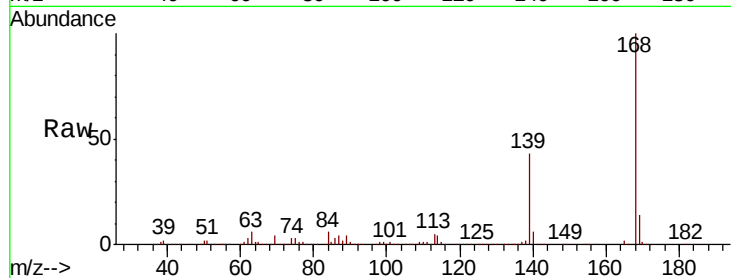




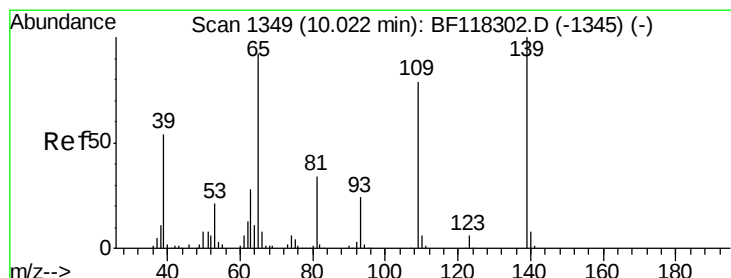
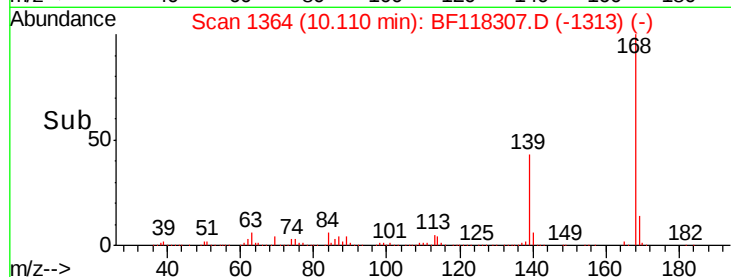
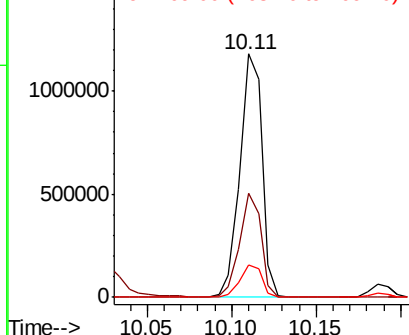
#55
Dibenzofuran
Concen: 38.676 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:168 Resp: 1082008
Ion Ratio Lower Upper
168 100
139 42.9 31.5 47.3
169 13.5 10.4 15.6

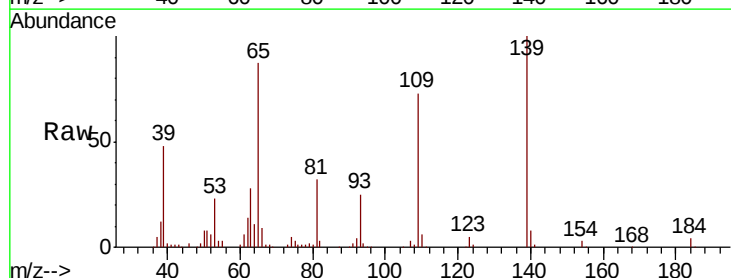


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

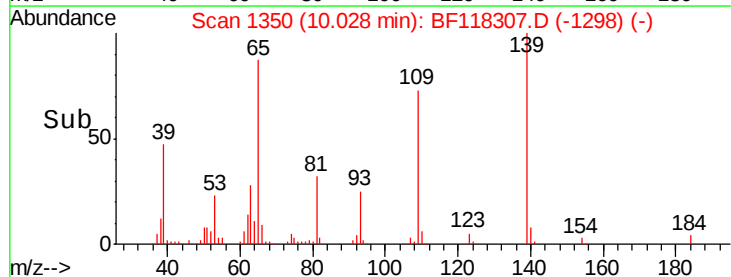
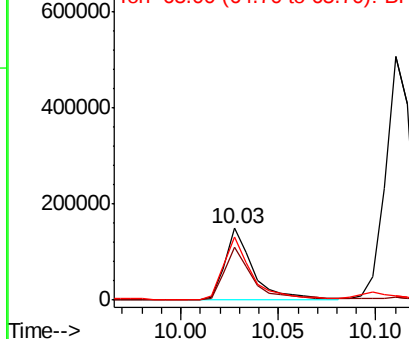


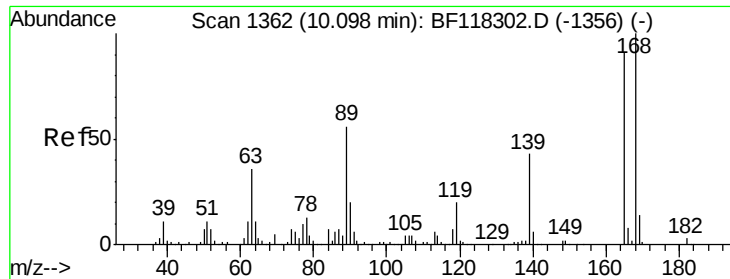
#56
4-Nitrophenol
Concen: 39.547 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:139 Resp: 152676
Ion Ratio Lower Upper
139 100
109 73.0 59.3 99.3
65 87.1 72.4 112.4



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

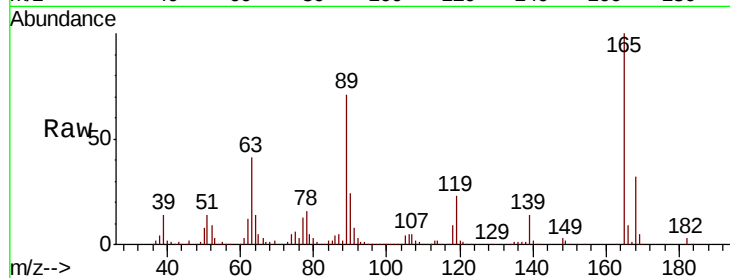




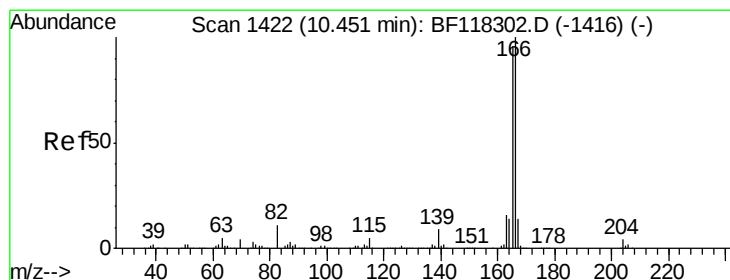
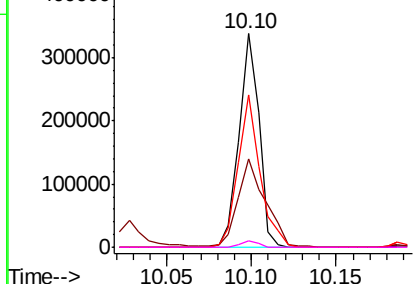
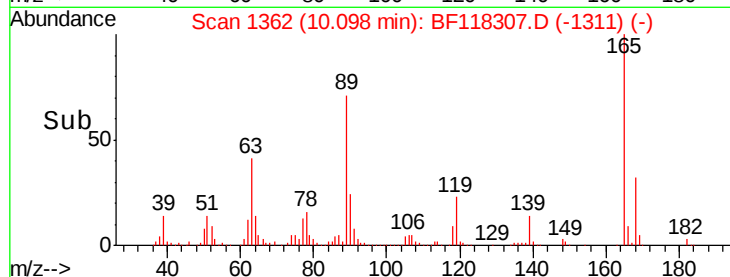
#57
2,4-Dinitrotoluene
Concen: 39.059 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:165 Resp: 278084
Ion Ratio Lower Upper
165 100
63 41.4 32.0 48.0
89 71.3 49.3 73.9
182 2.8 2.4 3.6

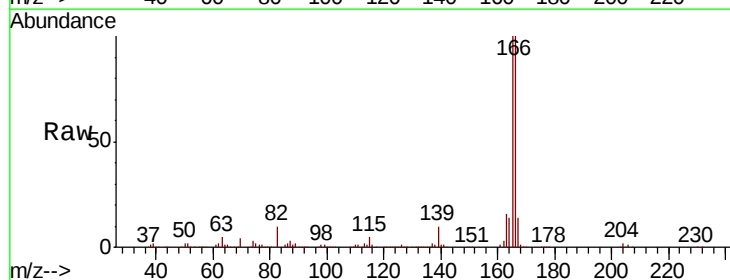


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

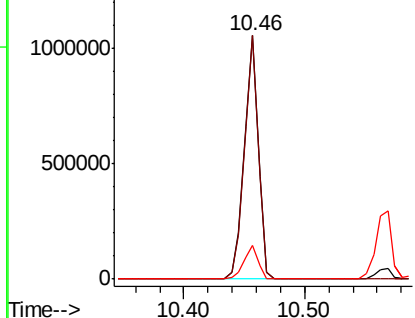
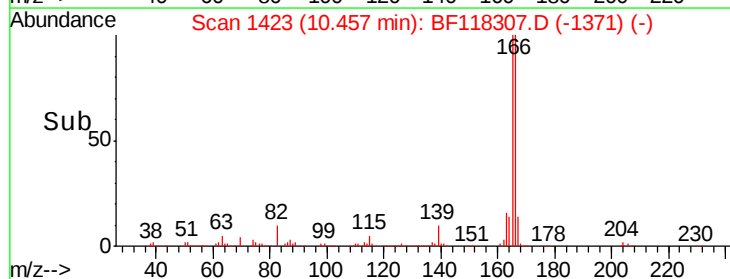


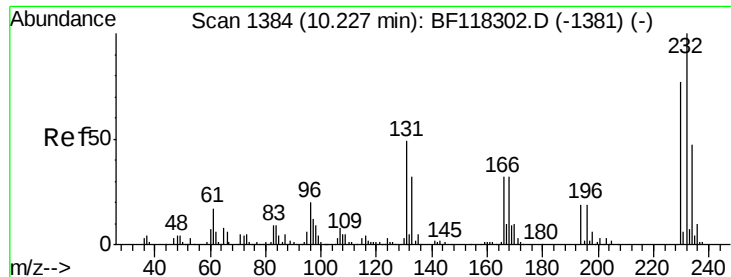
#58
Fluorene
Concen: 38.244 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:166 Resp: 863692
Ion Ratio Lower Upper
166 100
165 100.2 77.0 115.4
167 13.8 10.9 16.3



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.168 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

Tot Ion:232 Resp: 220479

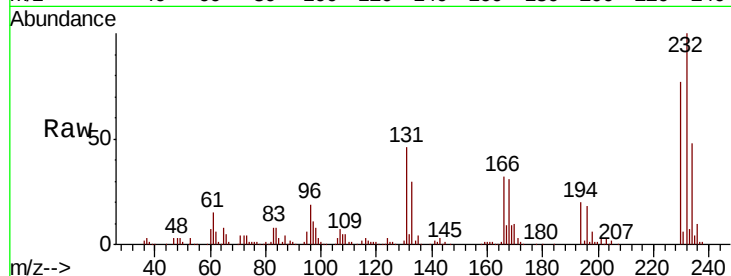
Ion Ratio Lower Upper

232 100

131 48.1 37.7 56.5

130 2.5 2.0 3.0

166 32.8 24.7 37.1

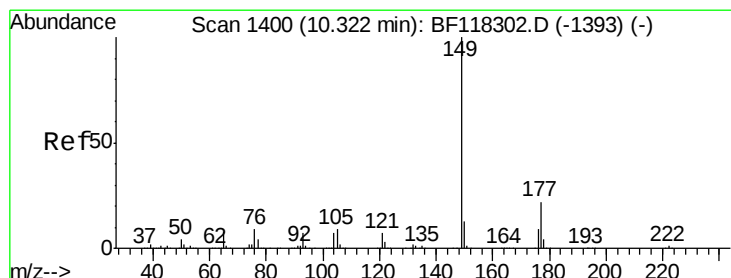
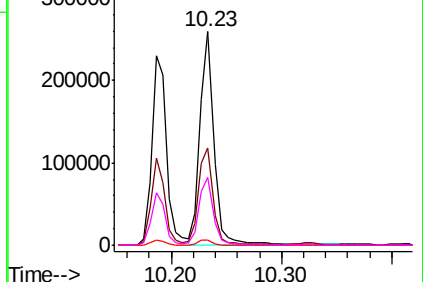
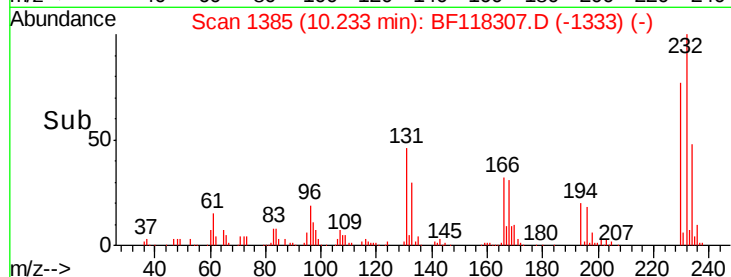


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.715 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

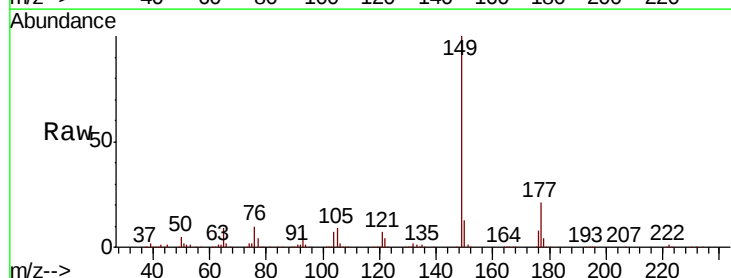
Tgt Ion:149 Resp: 946575

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

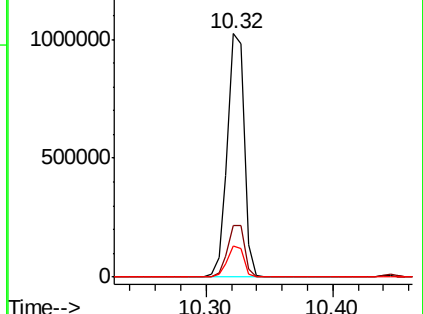
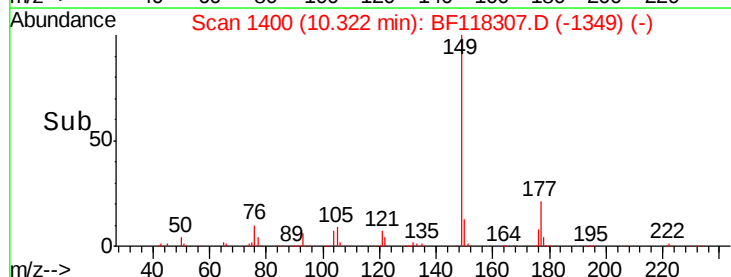
150 12.8 10.2 15.2

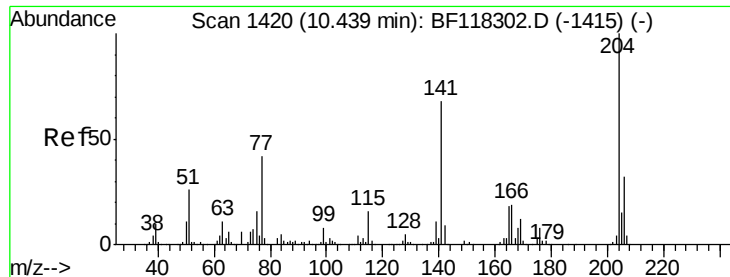


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

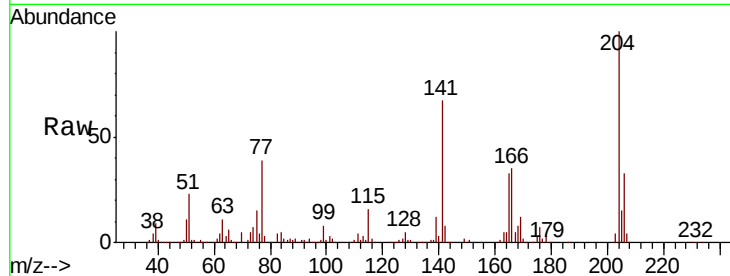




#61
4-Chlorophenyl-phenylether
Concen: 38.132 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	67.0	54.2	81.4

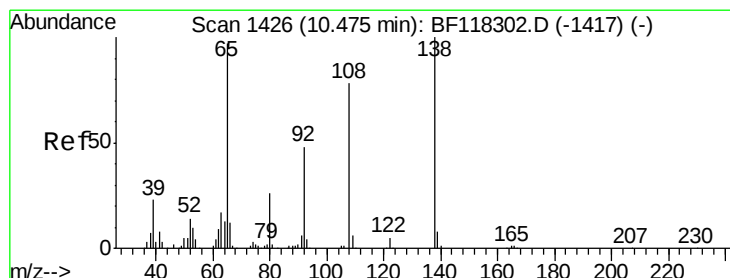
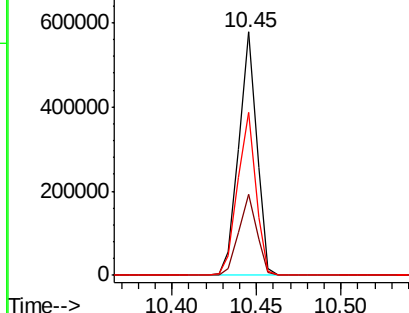
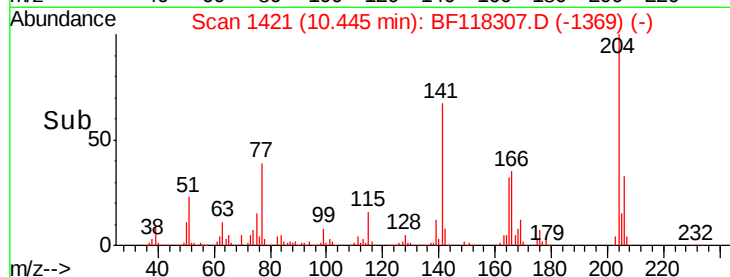


Abundance

Ion 204.00 (203.70 to 204.70): E

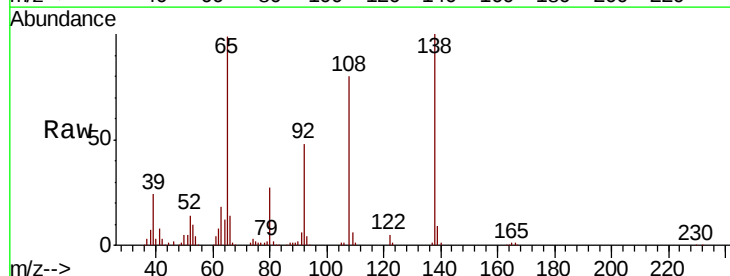
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.647 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.9	67.9
108	80.2	58.1	98.1

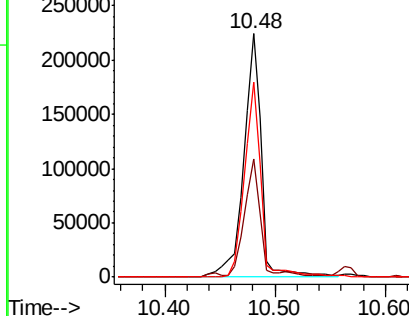
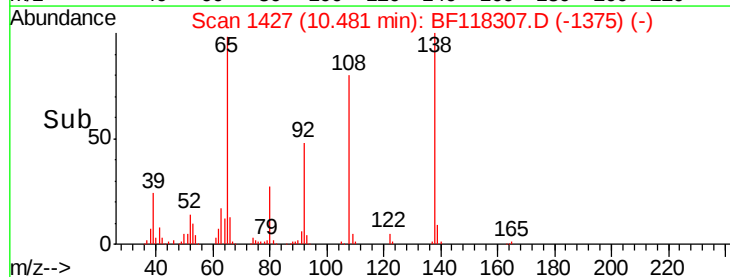


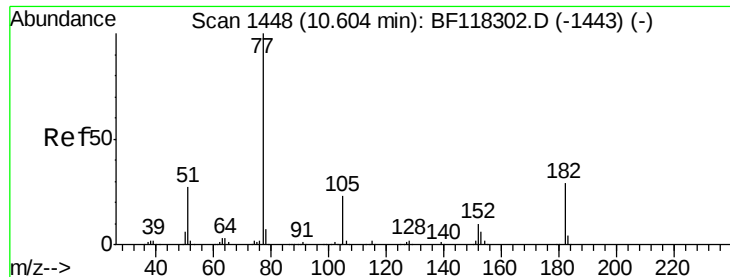
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.624 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

Tot Ion: 77 Resp: 808879

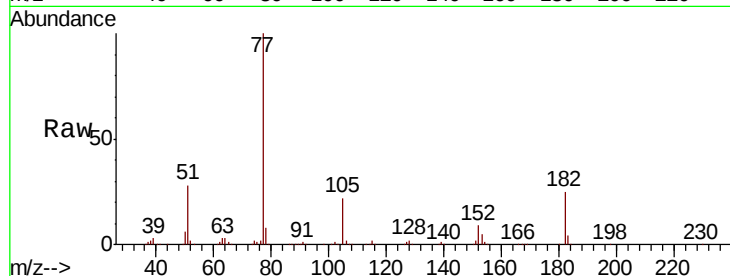
Ion Ratio Lower Upper

77 100

182 25.0 9.2 49.2

105 22.0 3.2 43.2

51 28.0 7.1 47.1

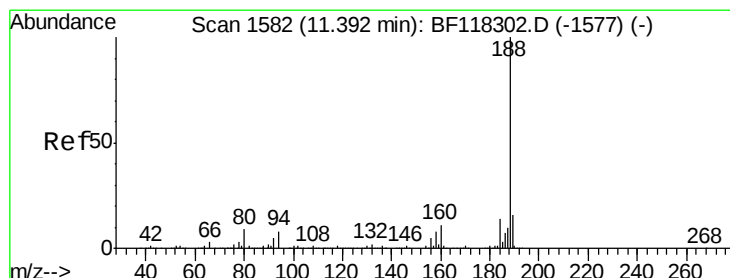
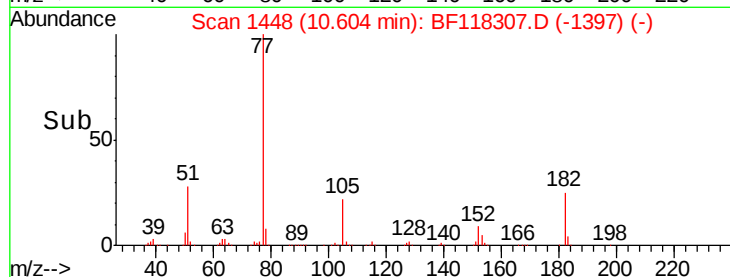
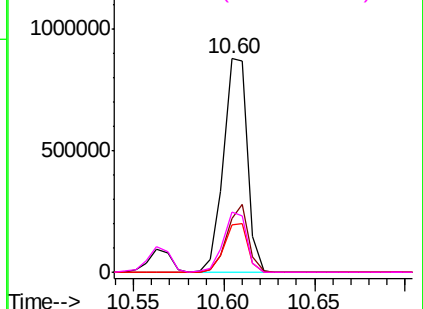


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

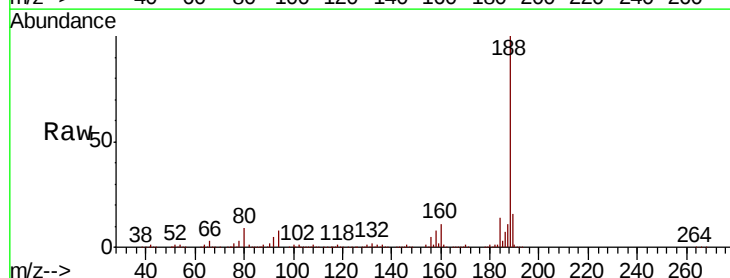
Tgt Ion: 188 Resp: 620165

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

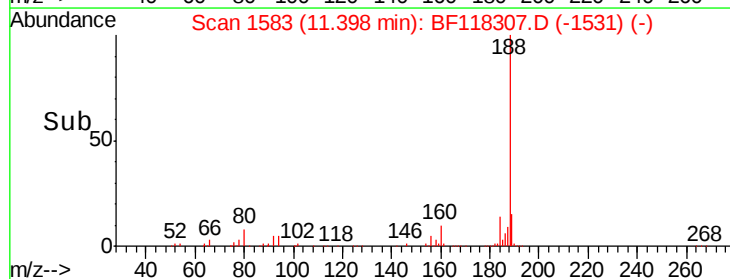
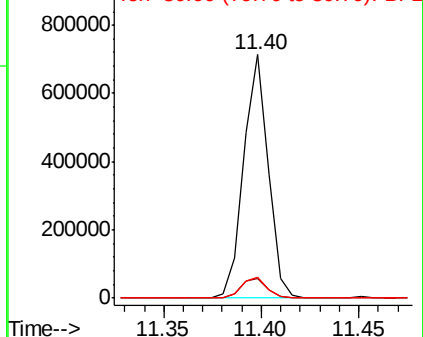
80 8.7 7.2 10.8

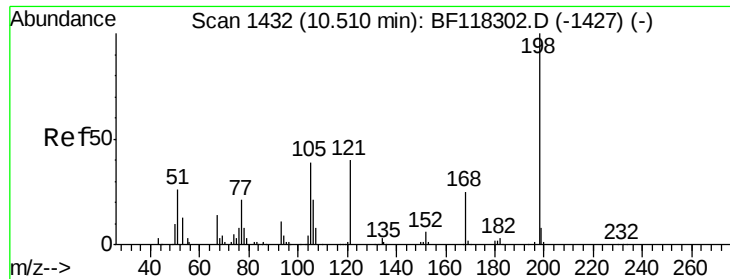


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

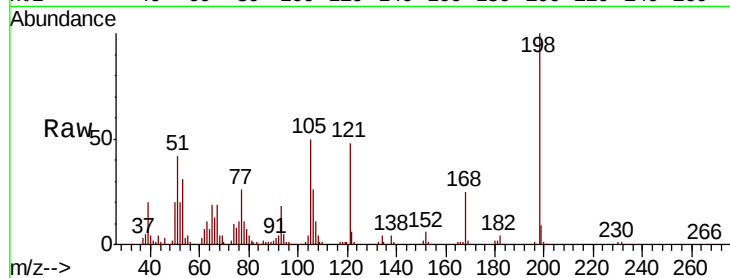




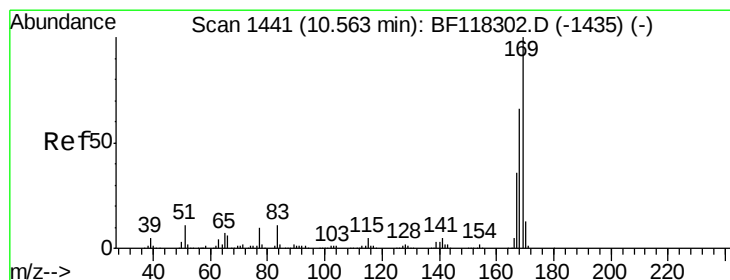
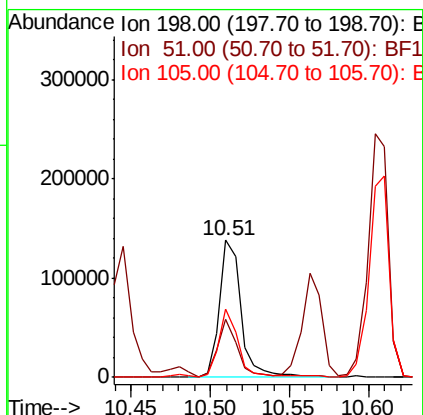
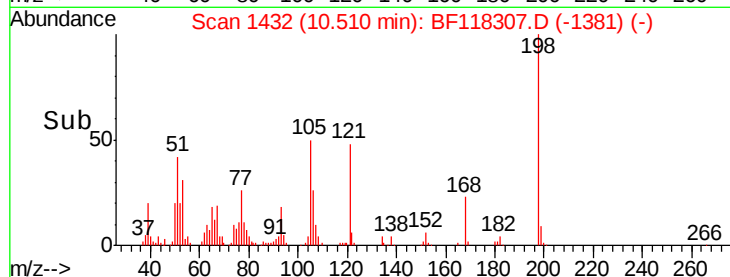
#65
4,6-Dinitro-2-methylphenol
Concen: 39.153 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:198 Resp: 130990
Ion Ratio Lower Upper
198 100
51 42.0 12.8 52.8
105 49.7 20.3 60.3

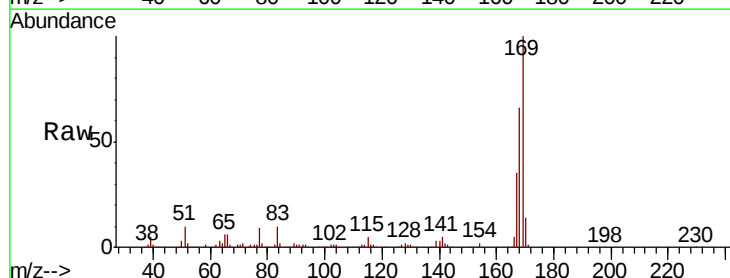


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

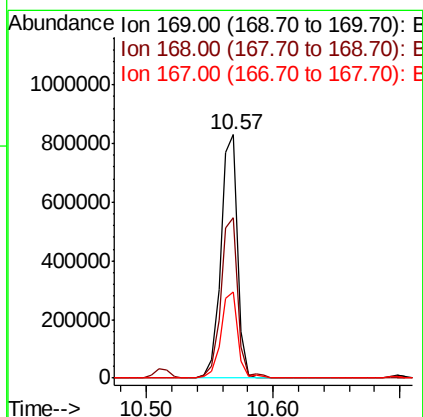
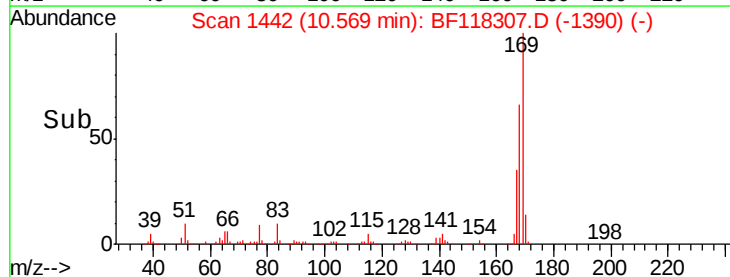


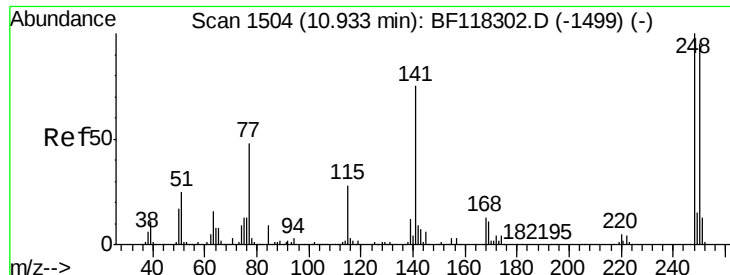
#66
n-Nitrosodiphenylamine
Concen: 38.248 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:169 Resp: 760223
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 35.5 28.4 42.6



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

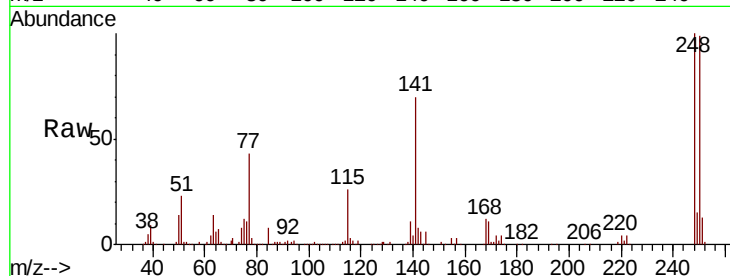




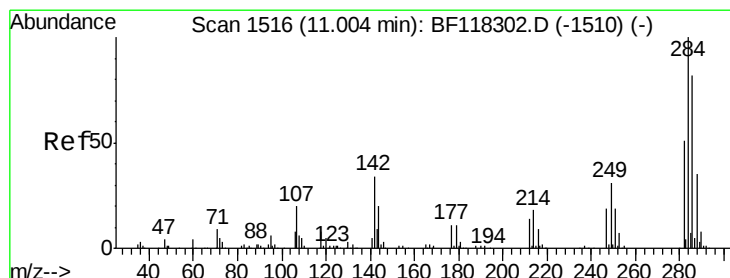
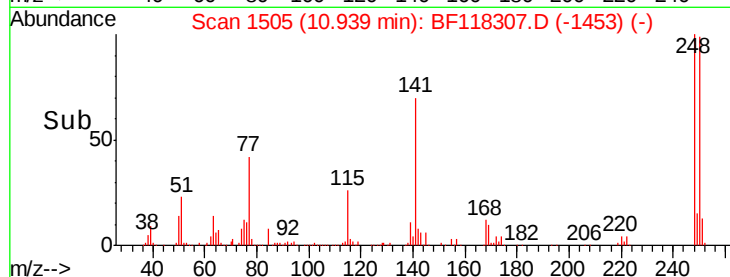
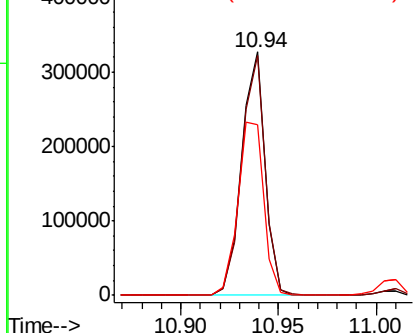
#67
 4-Bromophenyl-phenylether
 Concen: 37.617 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion:248 Resp: 273012
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.4 114.6
 141 70.3 60.2 90.2

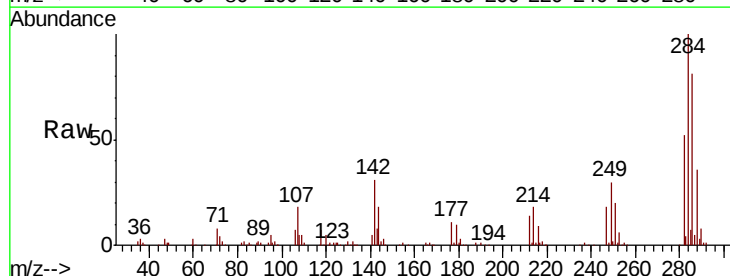


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

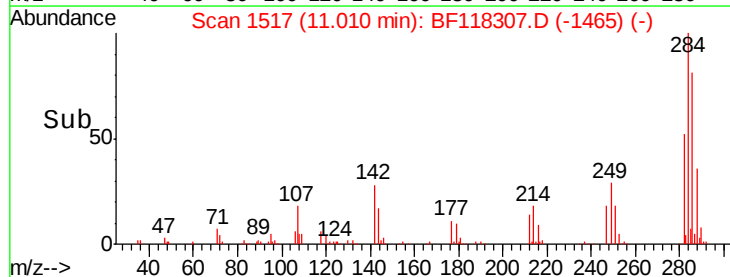
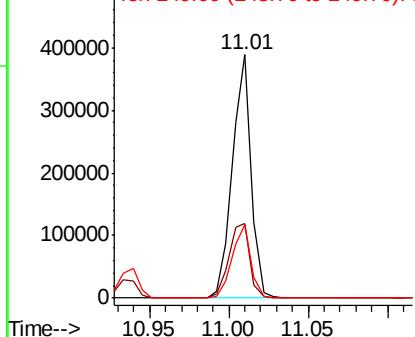


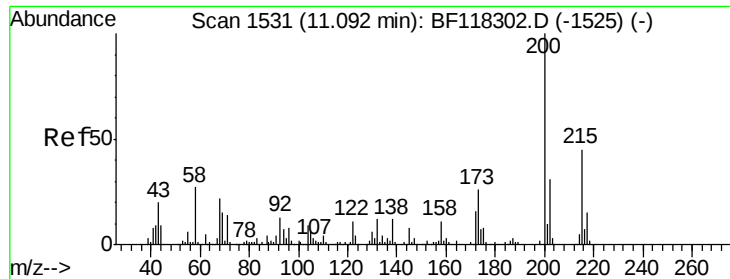
#68
 Hexachlorobenzene
 Concen: 37.333 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion:284 Resp: 318938
 Ion Ratio Lower Upper
 284 100
 142 30.5 27.3 40.9
 249 30.0 25.0 37.6



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: 37.940 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

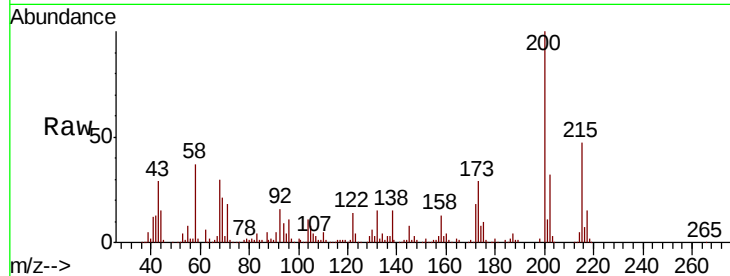
Tot Ion:200 Resp: 232741

Ion Ratio Lower Upper

200 100

173 28.7 5.8 45.8

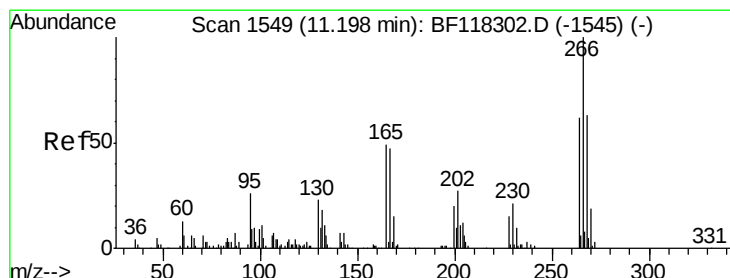
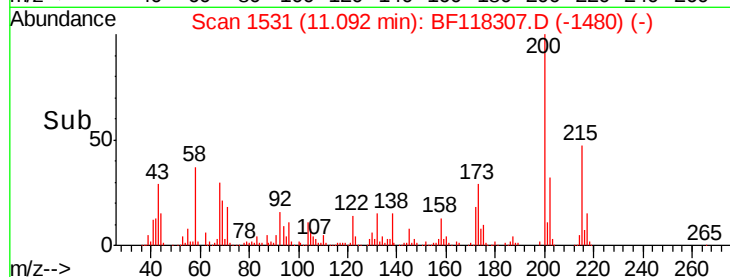
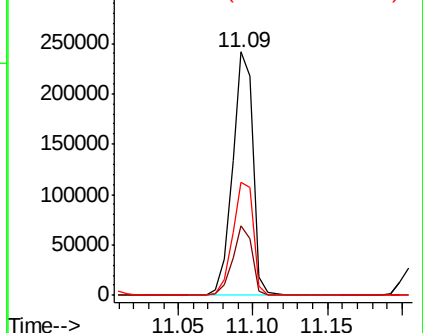
215 46.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.102 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

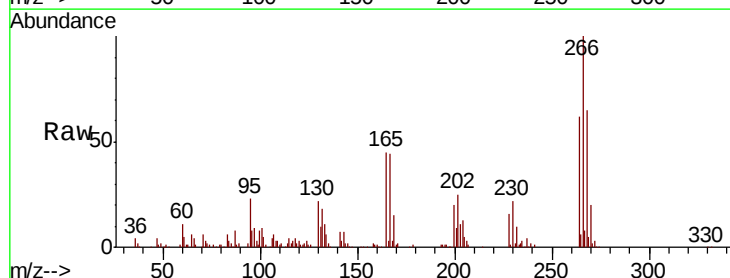
Tgt Ion:266 Resp: 144668

Ion Ratio Lower Upper

266 100

268 65.0 50.6 76.0

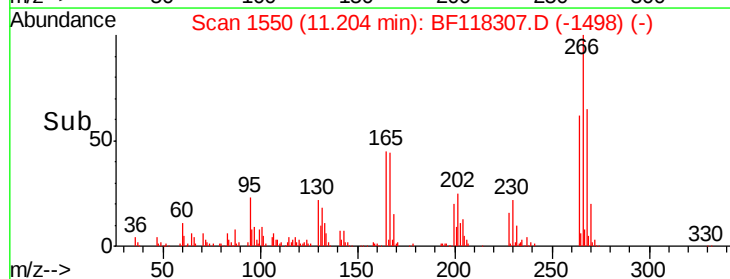
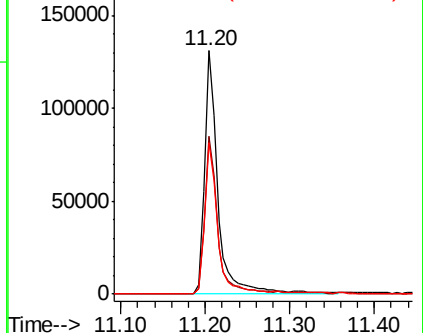
264 62.2 49.9 74.9

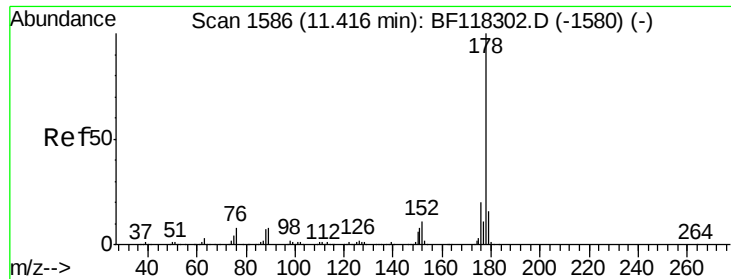


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

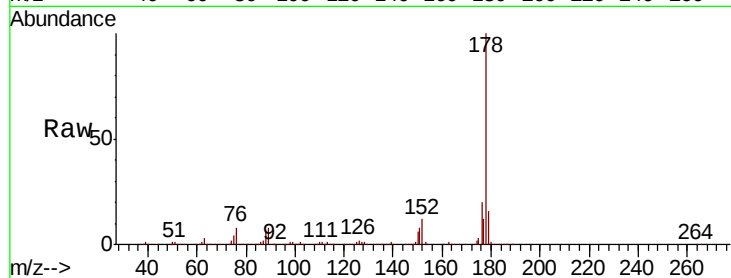




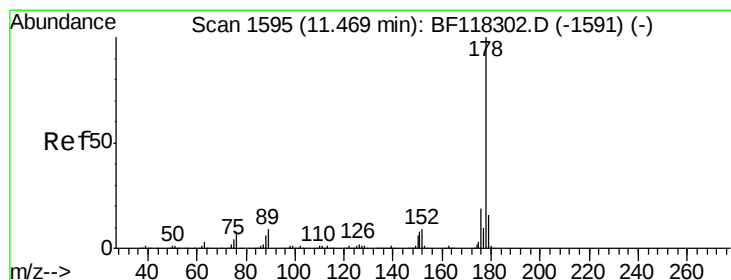
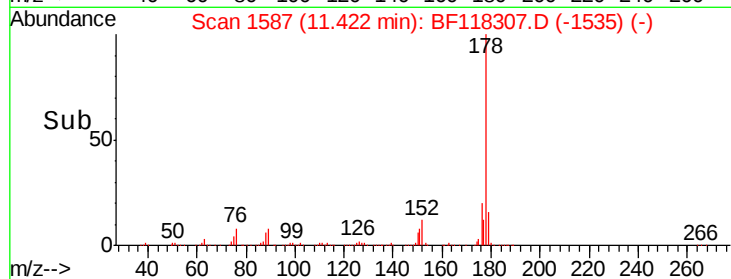
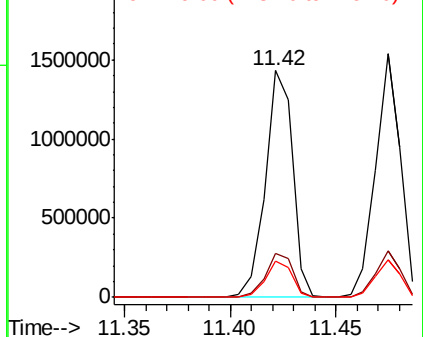
#71
Phenanthrene
Concen: 38.022 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:178 Resp: 1285460
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.6 19.0

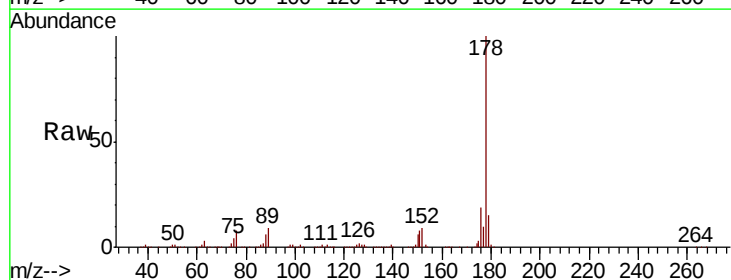


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

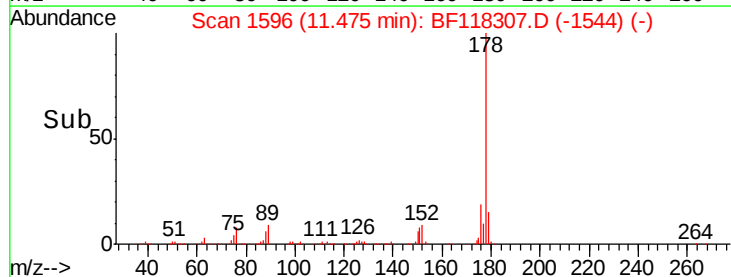
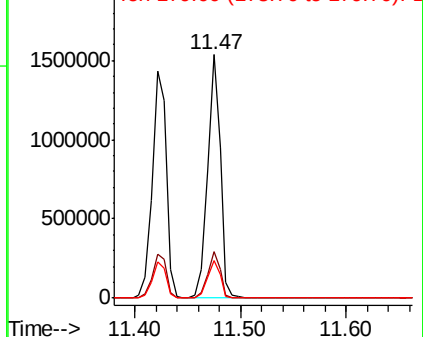


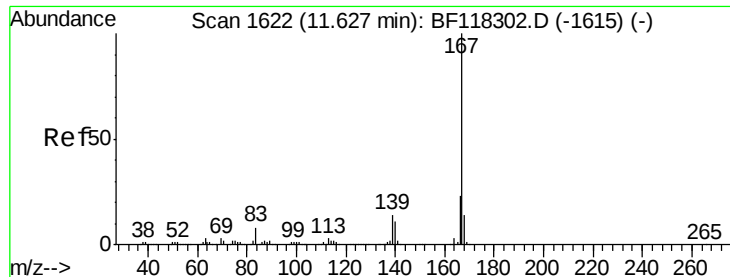
#72
Anthracene
Concen: 37.890 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:178 Resp: 1282213
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.9 19.3



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



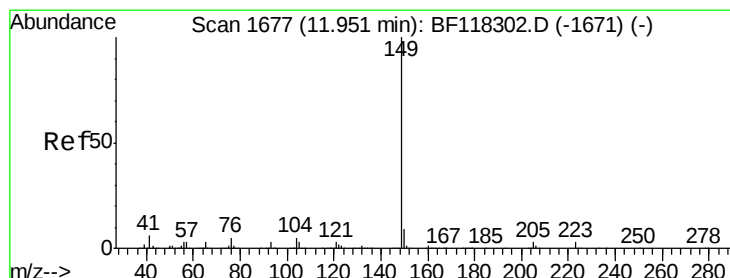
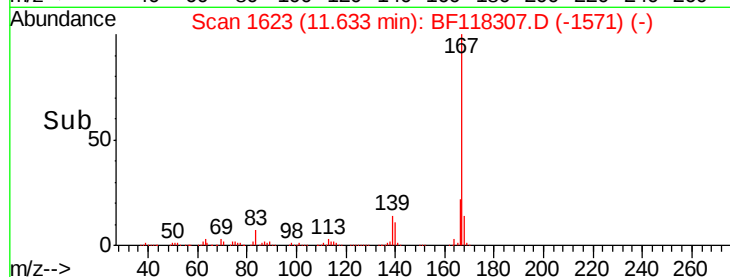
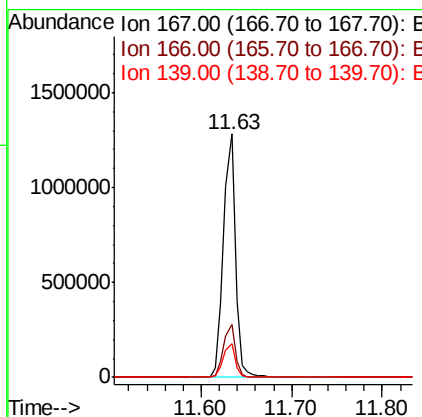
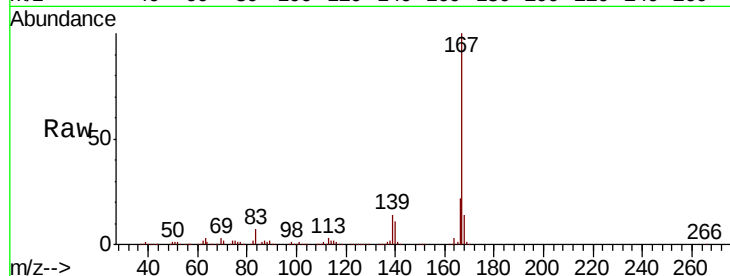


#73
 Carbazole
 Concen: 38.531 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion:167 Resp: 1156994

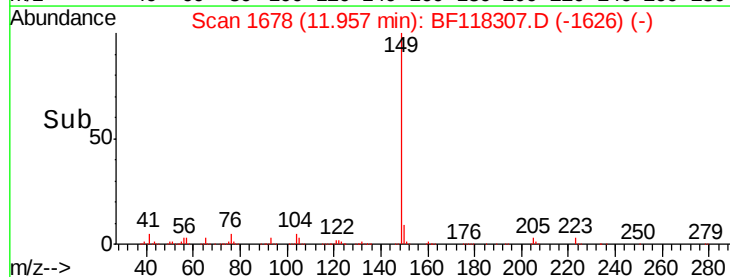
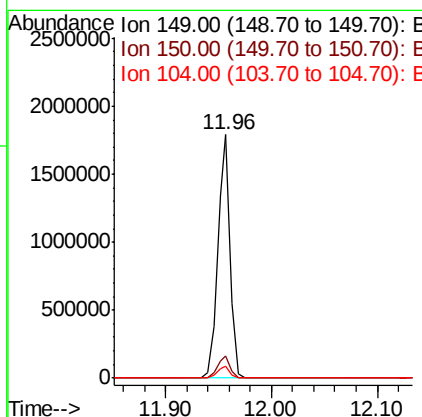
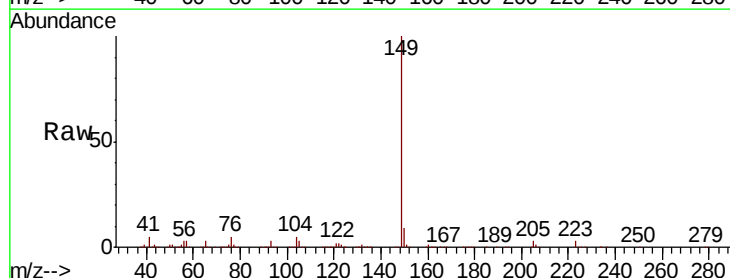
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.8	11.5	17.3

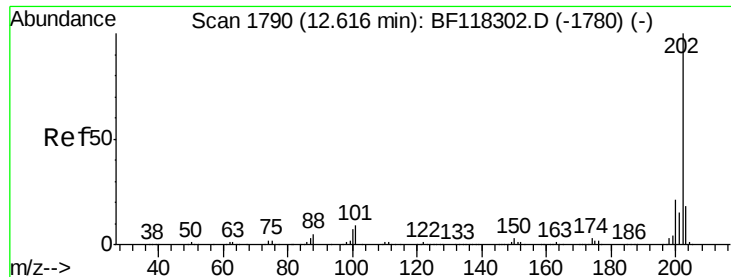


#74
 Di-n-butylphthalate
 Concen: 38.560 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion:149 Resp: 1468105

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.0	6.0

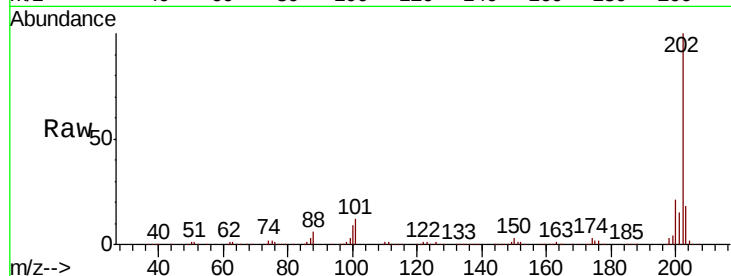




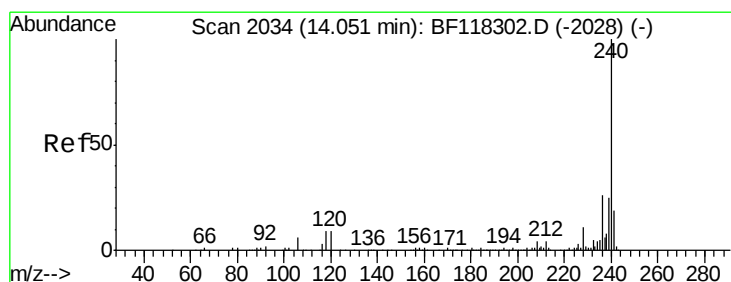
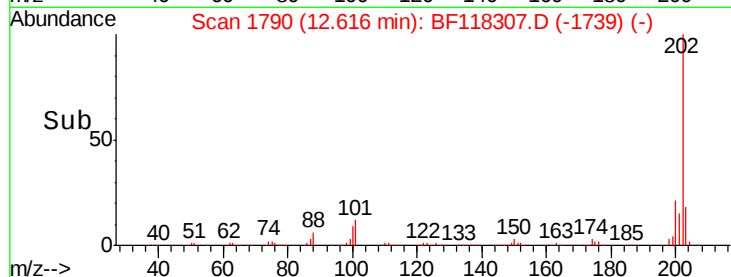
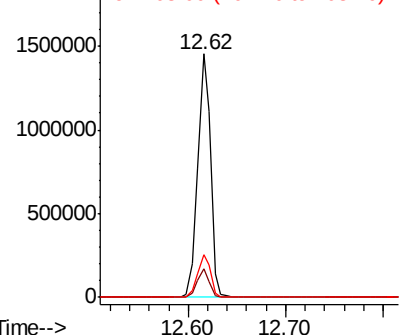
#75
 Fluoranthene
 Concen: 38.659 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBF122419

Tot Ion:202 Resp: 1319032
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 29.5
 203 17.7 0.0 37.6

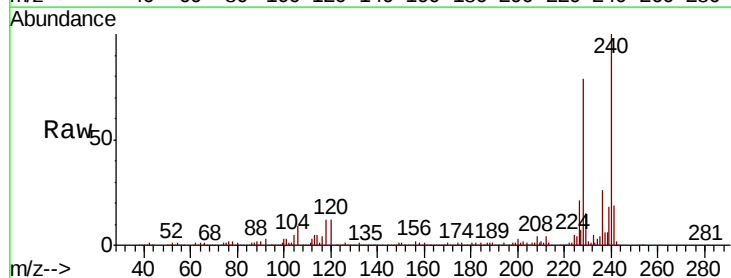


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

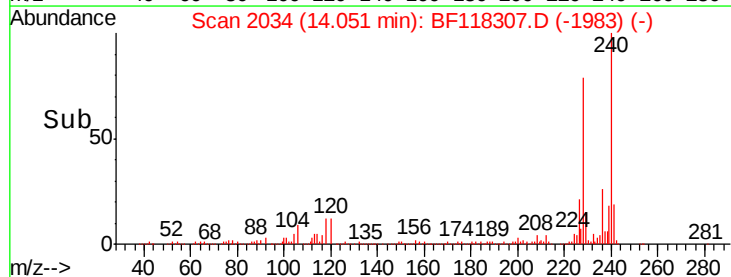
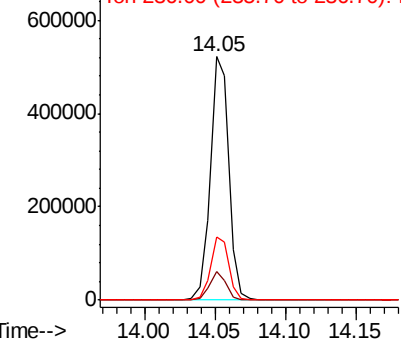


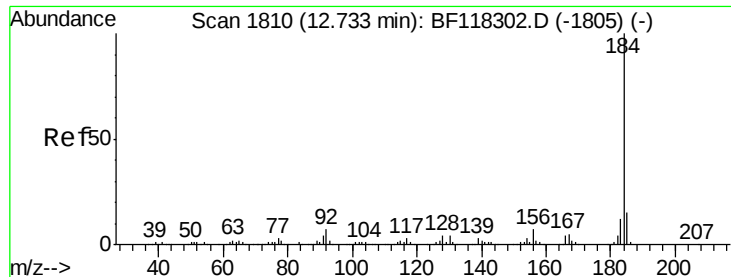
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118307.D
 Acq: 24 Dec 2019 15:55

Tgt Ion:240 Resp: 471646
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.1 10.7#
 236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.938 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

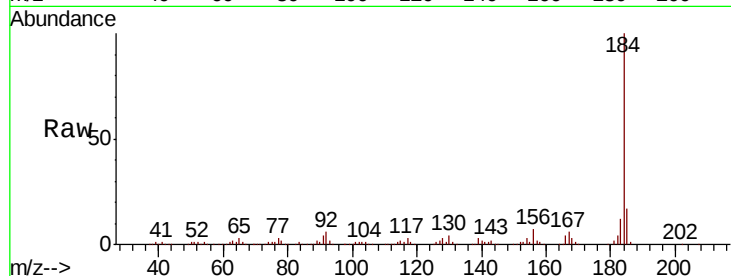
Tot Ion:184 Resp: 438600

Ion Ratio Lower Upper

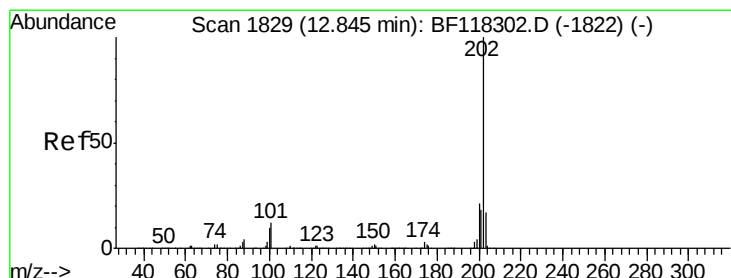
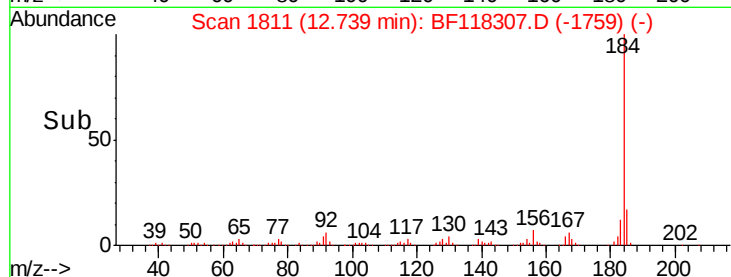
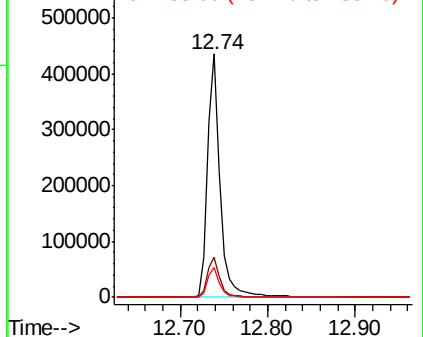
184 100

185 16.7 12.3 18.5

183 12.0 9.4 14.2



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: 34.580 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

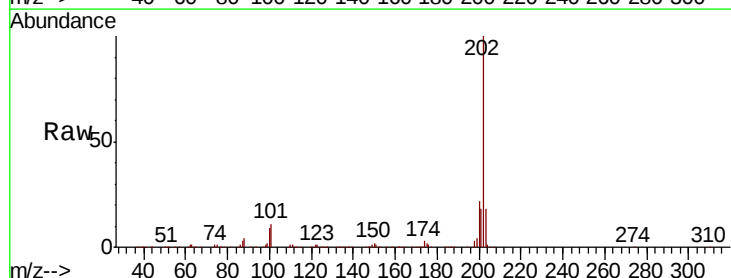
Tgt Ion:202 Resp: 1331837

Ion Ratio Lower Upper

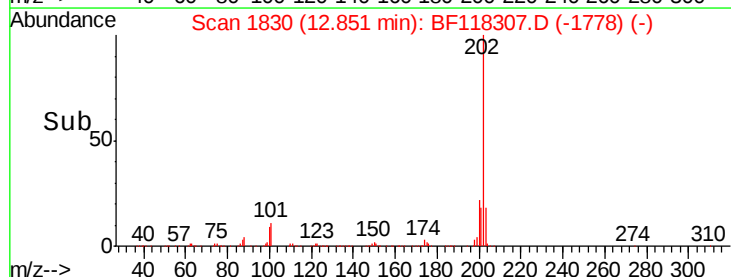
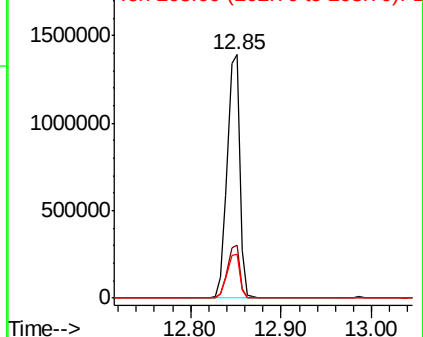
202 100

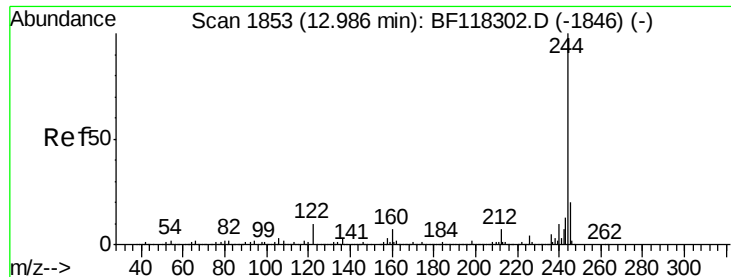
200 21.6 16.8 25.2

203 17.8 13.9 20.9



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: 69.826 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

Tot Ion:244 Resp: 1985079

Ion Ratio Lower Upper

244 100

212 7.1

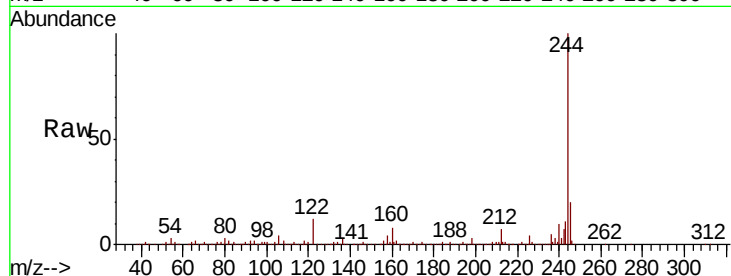
5.4

8.2

122 12.2

7.8

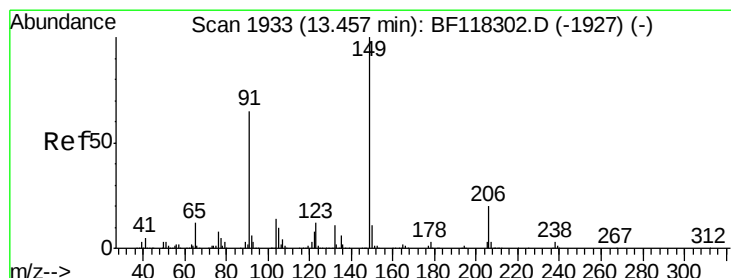
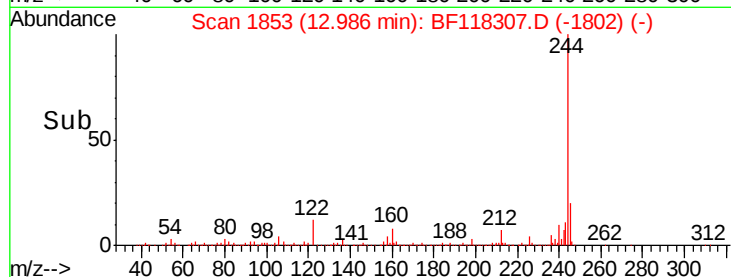
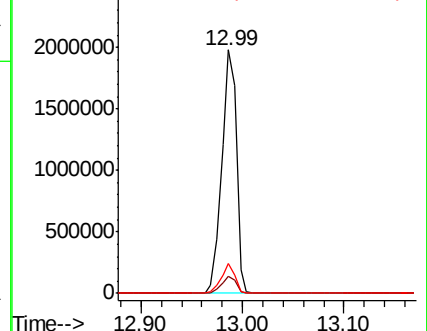
11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.694 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Tgt Ion:149 Resp: 636340

Ion Ratio Lower Upper

149 100

91 62.5

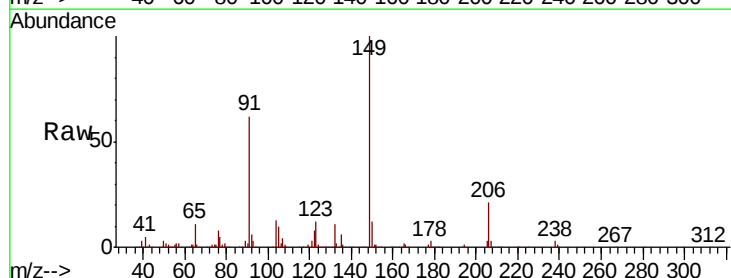
51.8

77.6

206 20.9

15.7

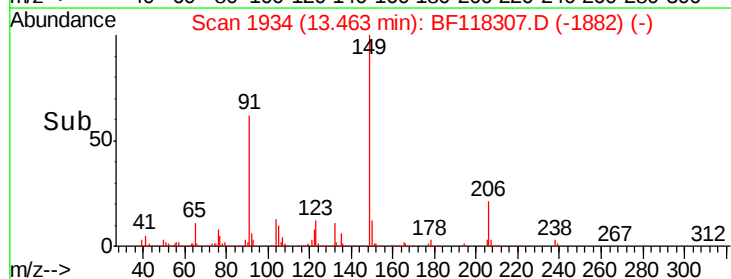
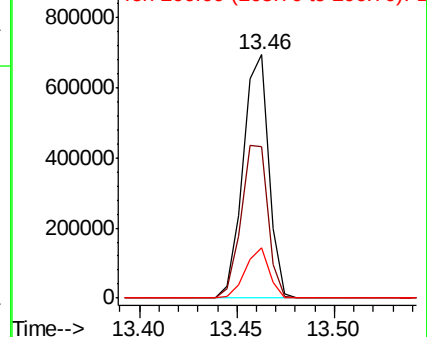
23.5

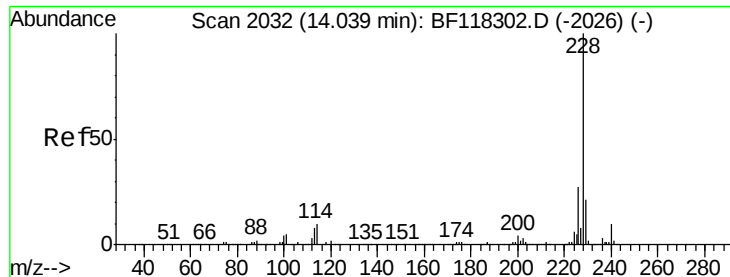


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.340 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

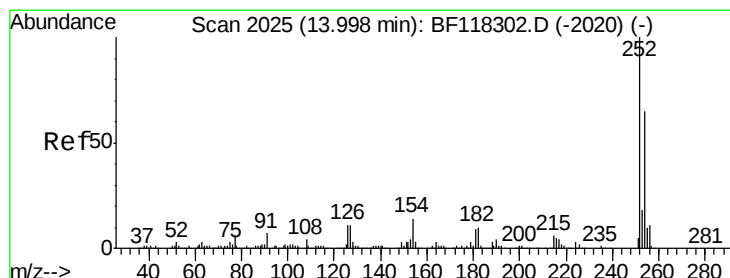
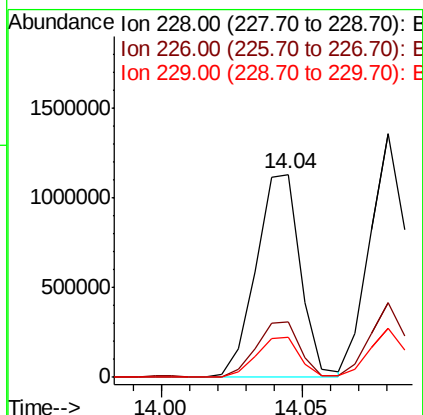
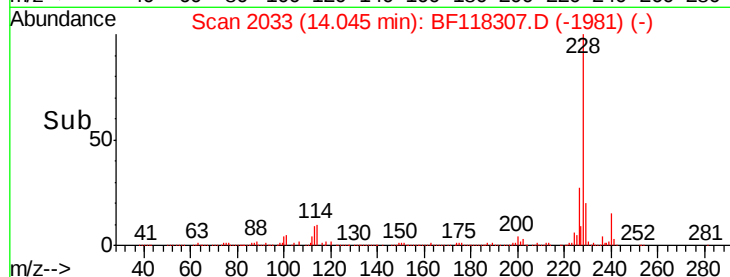
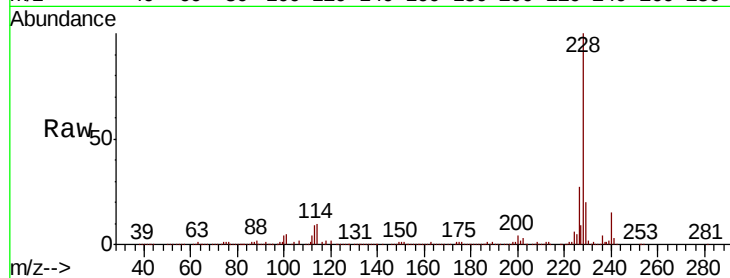
Tot Ion:228 Resp: 1232721

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

229 19.8 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 37.914 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

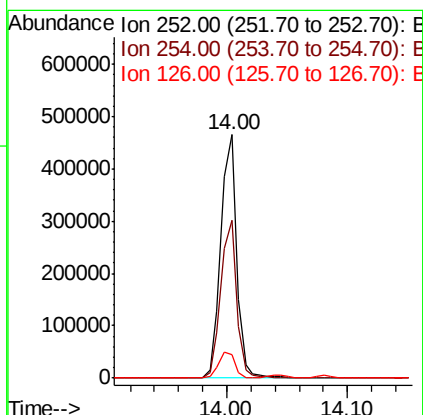
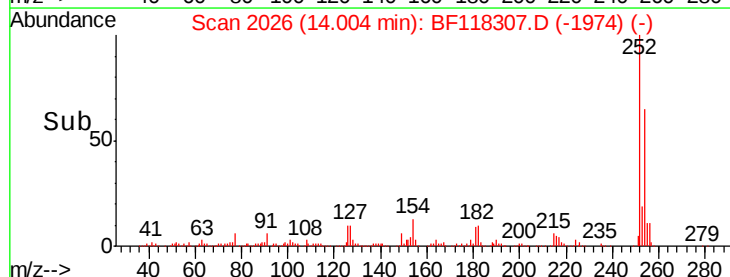
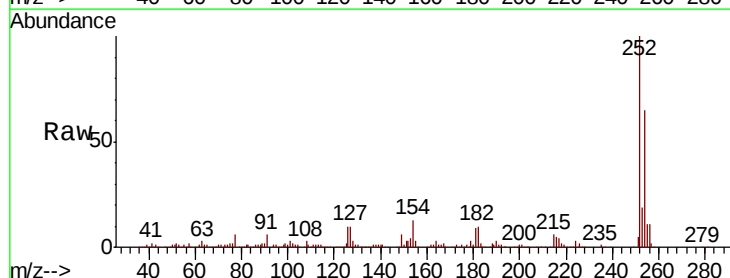
Tgt Ion:252 Resp: 424391

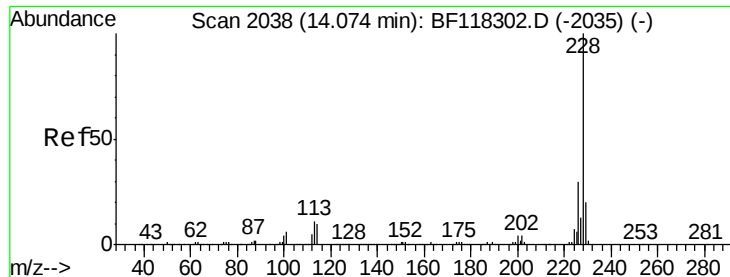
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 9.8 8.7 13.1





#83

Chrysene

Concen: 37.377 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

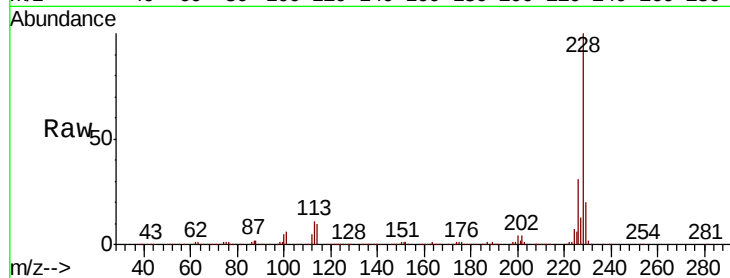
Tot Ion:228 Resp: 1181544

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

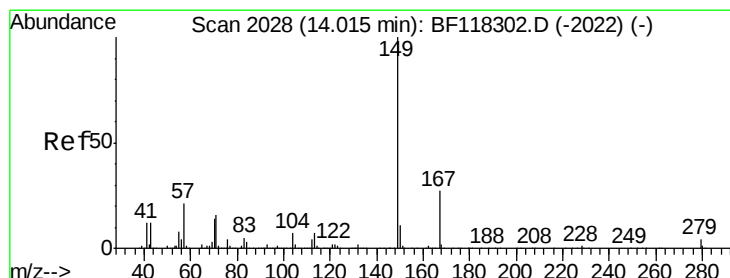
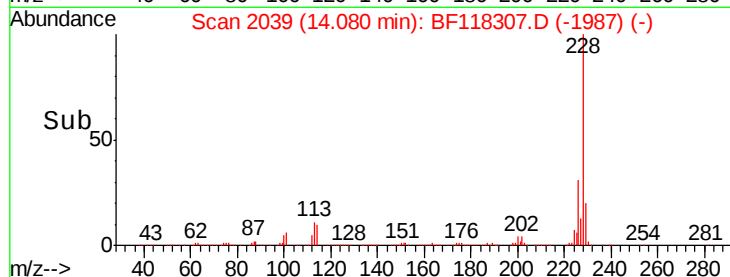
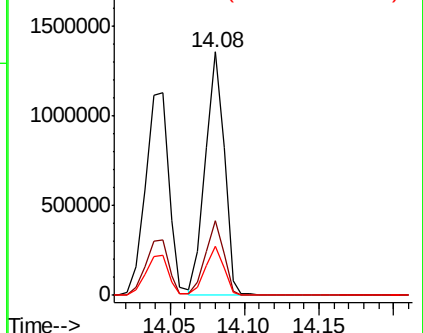
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.079 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

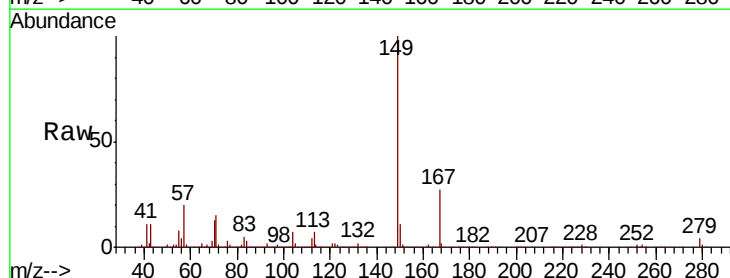
Tgt Ion:149 Resp: 868321

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

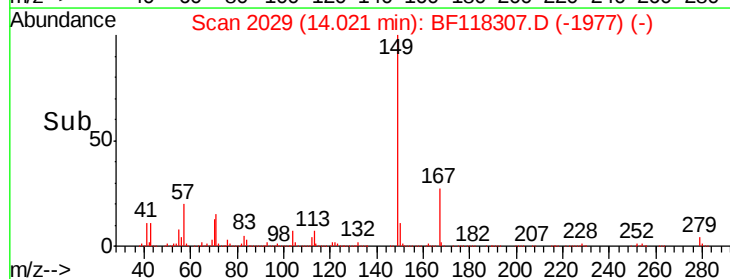
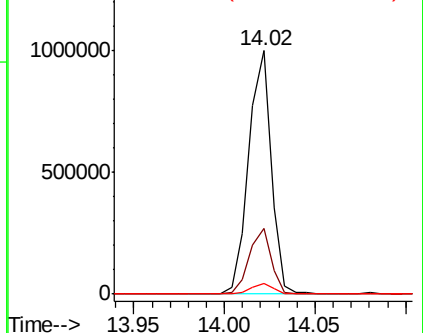
279 4.2 3.4 5.2

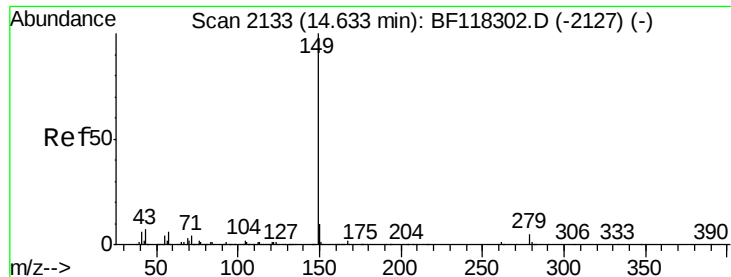


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

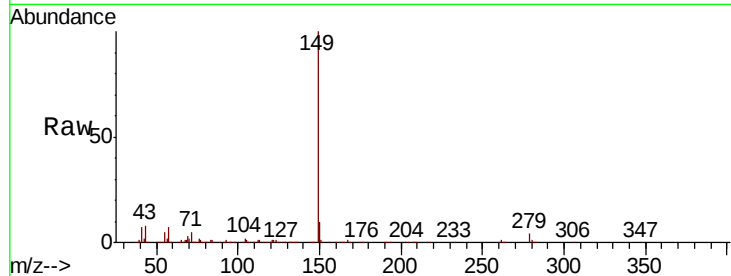




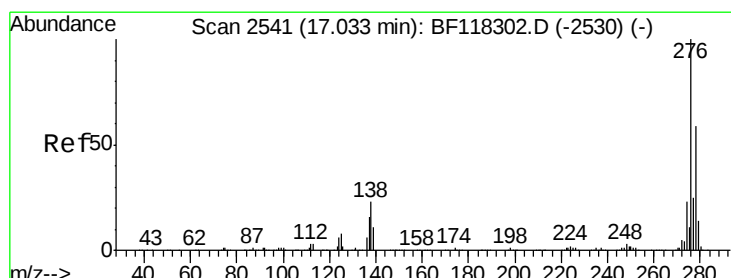
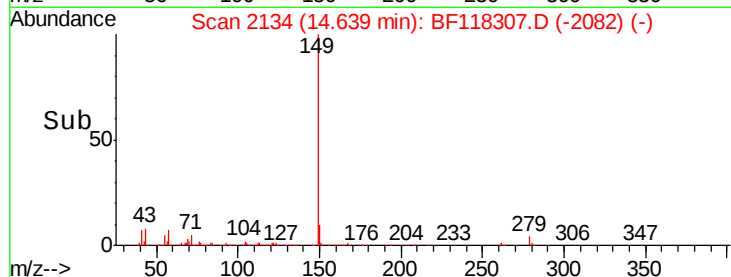
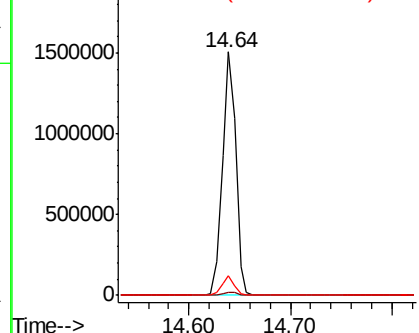
#85
Di-n-octyl phthalate
Concen: 41.205 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:149 Resp: 1382133
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.5 6.1 9.1

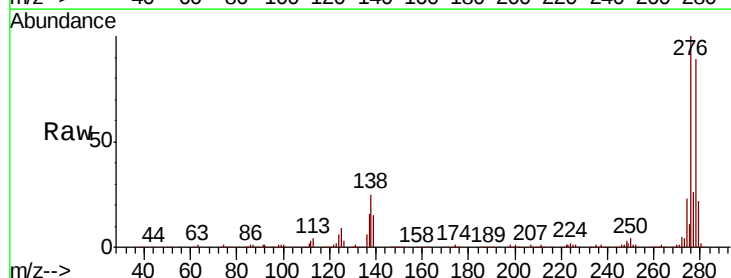


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

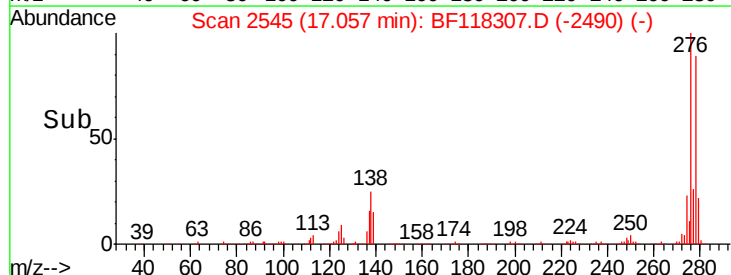
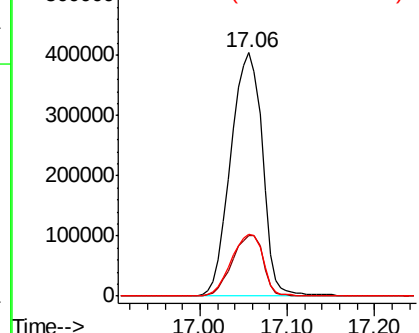


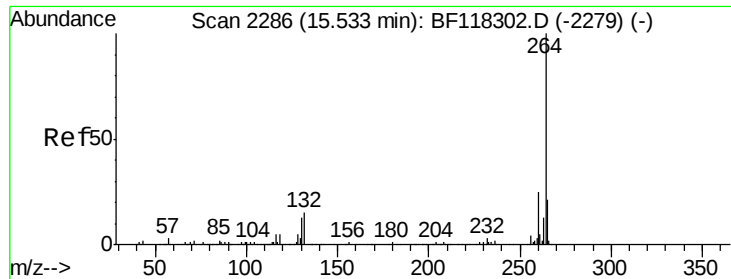
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.107 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:276 Resp: 999468
Ion Ratio Lower Upper
276 100
138 24.4 19.5 29.3
277 25.5 20.6 30.8



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



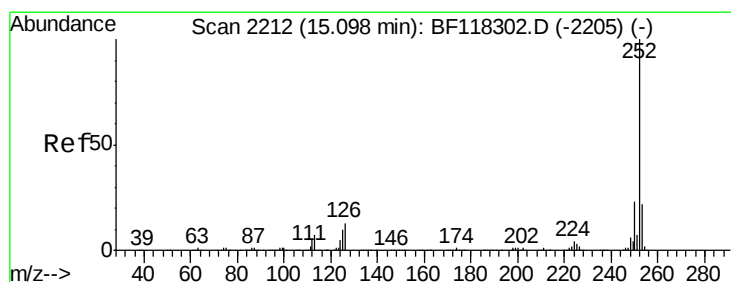
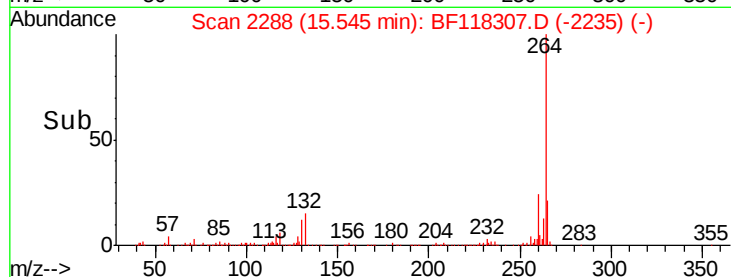
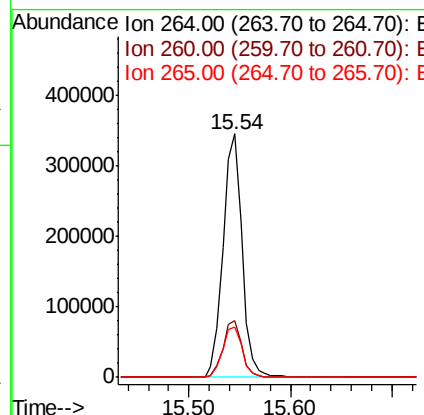
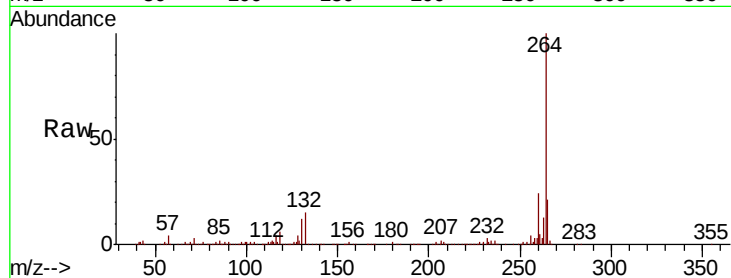


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBF122419

Tot Ion:264 Resp: 450034

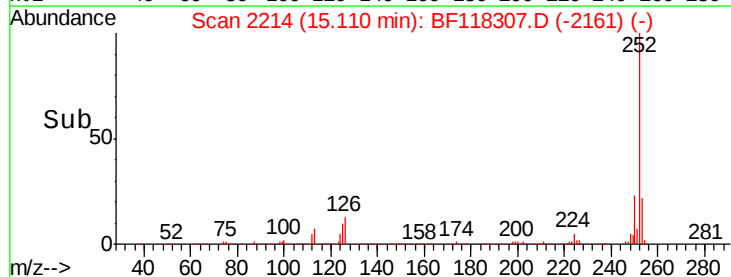
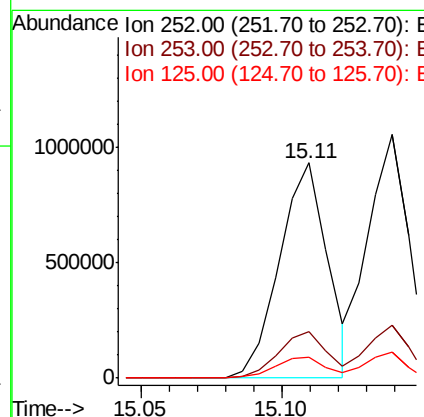
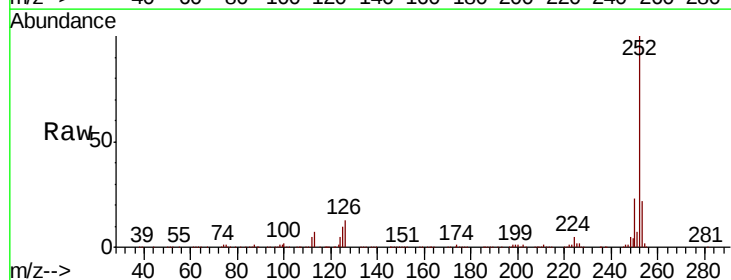
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	20.9	17.0	25.4

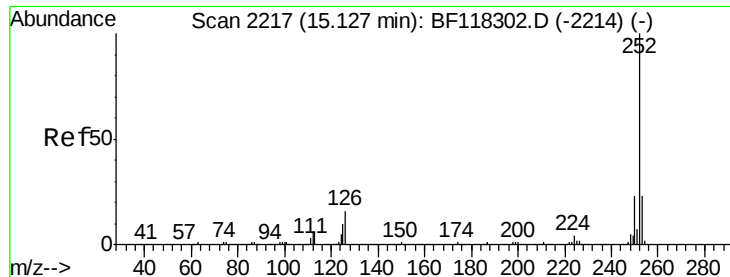


#88
Benzo(b)fluoranthene
Concen: 36.861 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:252 Resp: 1101157

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.7	7.7	11.5

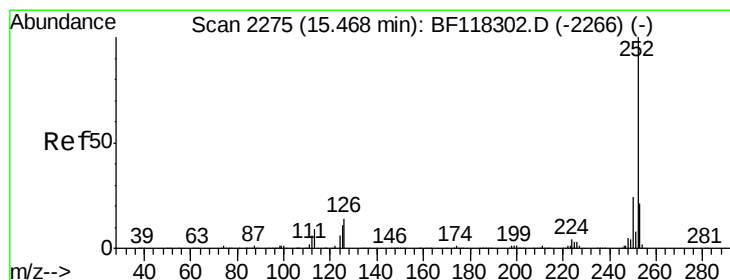
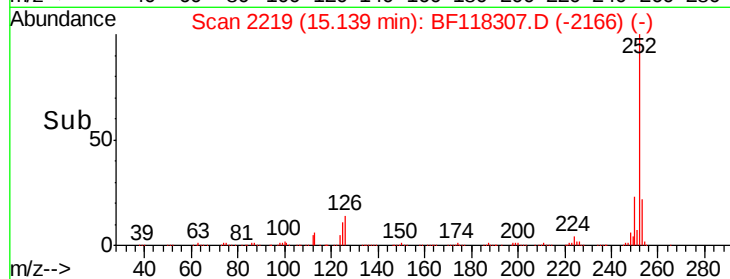
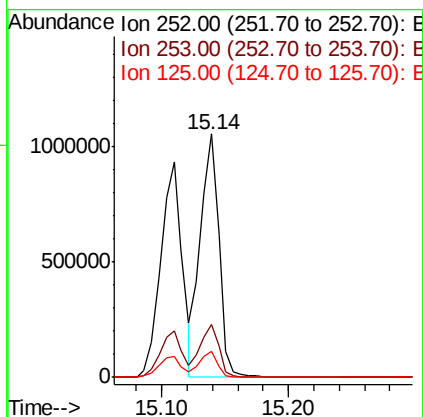
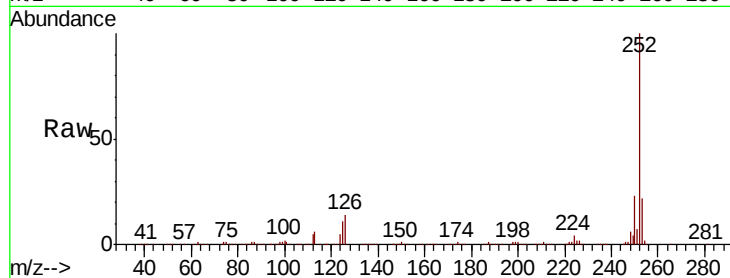




#89
Benzo(k)fluoranthene
Concen: 37.569 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

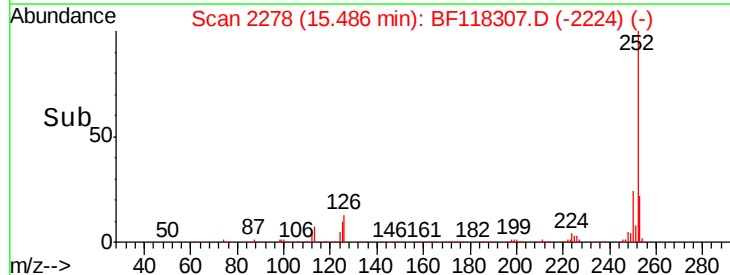
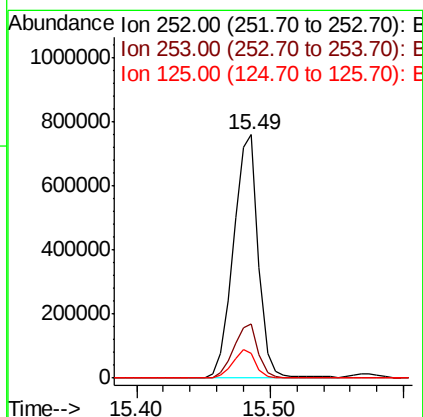
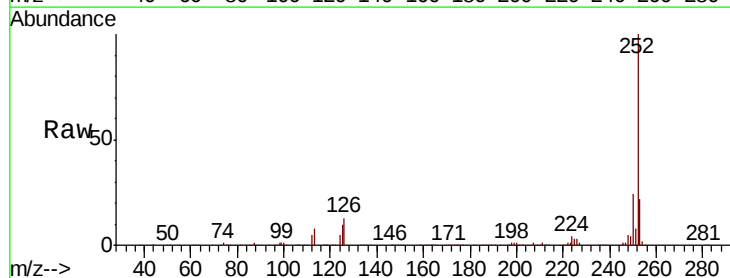
Instrument :
BNA_E
ClientSampleId :
ICVBF122419

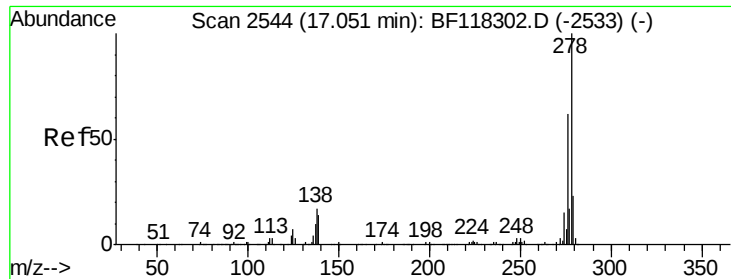
Tot Ion:252 Resp: 1077613
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 37.459 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118307.D
Acq: 24 Dec 2019 15:55

Tgt Ion:252 Resp: 985766
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 36.591 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBF122419

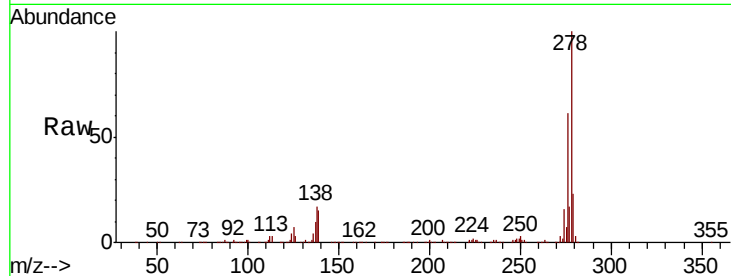
Tot Ion:278 Resp: 835620

Ion Ratio Lower Upper

278 100

139 14.7 11.5 17.3

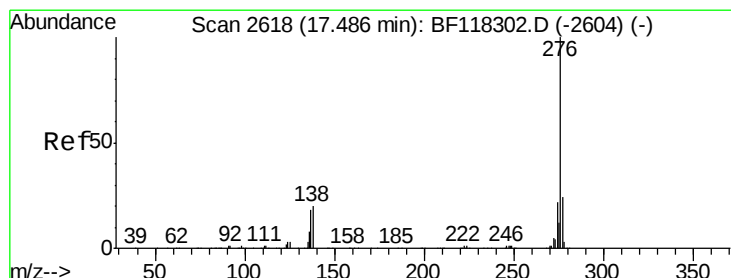
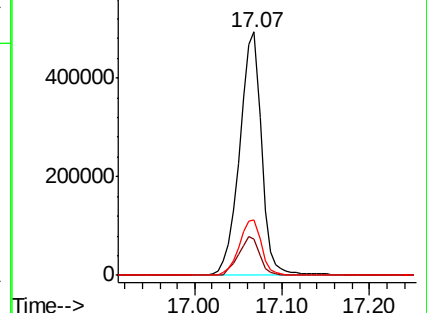
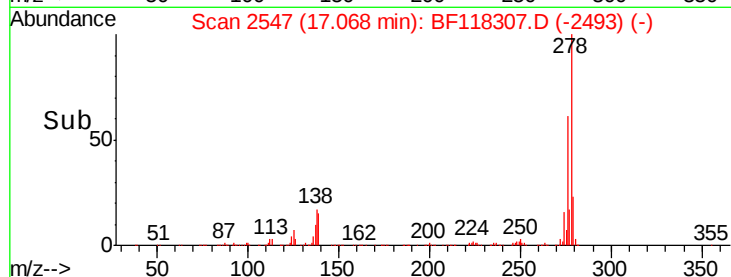
279 22.8 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.868 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118307.D

Acq: 24 Dec 2019 15:55

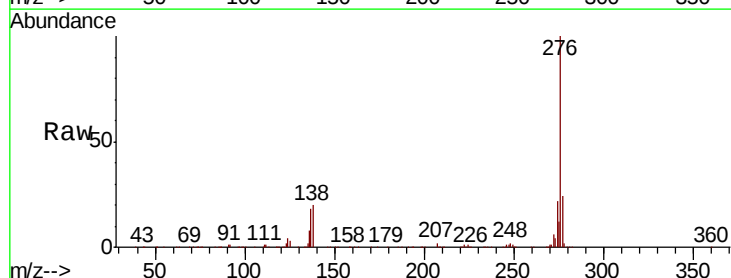
Tgt Ion:276 Resp: 791247

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 19.8 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

