

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122319\
 Data File : BF118305.D
 Acq On : 24 Dec 2019 13:20
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 14:47:49 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 14:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147724	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	557072	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	295593	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	542206	20.00	ng	0.00
76) Chrysene-d12	14.05	240	337303	20.00	ng	0.00
87) Perylene-d12	15.53	264	318014	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1298085	153.91	ng	0.00
7) Phenol-d6	6.50	99	1610800	157.90	ng	0.01
23) Nitrobenzene-d5	7.43	82	1527088	154.22	ng	0.01
42) 2,4,6-Tribromophenol	10.70	330	566768	157.83	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	2864996	147.48	ng	0.00
79) Terphenyl-d14	12.99	244	3146374	160.41	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.58	88	264653	74.417 ng	99
3) Pyridine	3.35	79	727783	79.319 ng	97
4) n-Nitrosodimethylamine	3.32	42	297864	75.463 ng	98
6) Aniline	6.52	93	1031024	79.009 ng	96
8) 2-Chlorophenol	6.65	128	735499	77.336 ng	98
9) Benzaldehyde	6.40	77	338298	65.204 ng	99
10) Phenol	6.51	94	911714	78.365 ng	82
11) bis(2-Chloroethyl)ether	6.60	93	649711	77.215 ng	98
12) 1,3-Dichlorobenzene	6.80	146	841707	75.762 ng	98
13) 1,4-Dichlorobenzene	6.87	146	847749	75.779 ng	98
14) 1,2-Dichlorobenzene	7.03	146	799705	76.120 ng	99
15) Benzyl Alcohol	7.00	79	617644	77.561 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	688619	68.065 ng	97
17) 2-Methylphenol	7.12	107	604001	79.851 ng	98
18) Hexachloroethane	7.37	117	320029	77.636 ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	501546	80.907 ng	97
20) 3+4-Methylphenols	7.27	107	741950	78.091 ng	93
22) Acetophenone	7.27	105	1041786	77.841 ng	# 92
24) Nitrobenzene	7.45	77	757208	77.832 ng	95
25) Isophorone	7.69	82	1328302	79.131 ng	98
26) 2-Nitrophenol	7.76	139	417687	80.326 ng	98
27) 2,4-Dimethylphenol	7.80	122	550422	79.356 ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	853781	77.838 ng	100
29) 2,4-Dichlorophenol	8.00	162	633273	78.318 ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	728991	77.145 ng	99
31) Naphthalene	8.17	128	2138516	76.437 ng	100
32) Benzoic acid	7.97	122	507897	81.100 ng	99
33) 4-Chloroaniline	8.22	127	931377	77.099 ng	99
34) Hexachlorobutadiene	8.28	225	436076	76.957 ng	99
35) Caprolactam	8.62	113	163253	65.469 ng	95
36) 4-Chloro-3-methylphenol	8.71	107	673734	79.177 ng	100
37) 2-Methylnaphthalene	8.86	142	1471384	77.683 ng	98
38) 1-Methylnaphthalene	8.96	142	1390531	78.188 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	687484	76.774 ng	100

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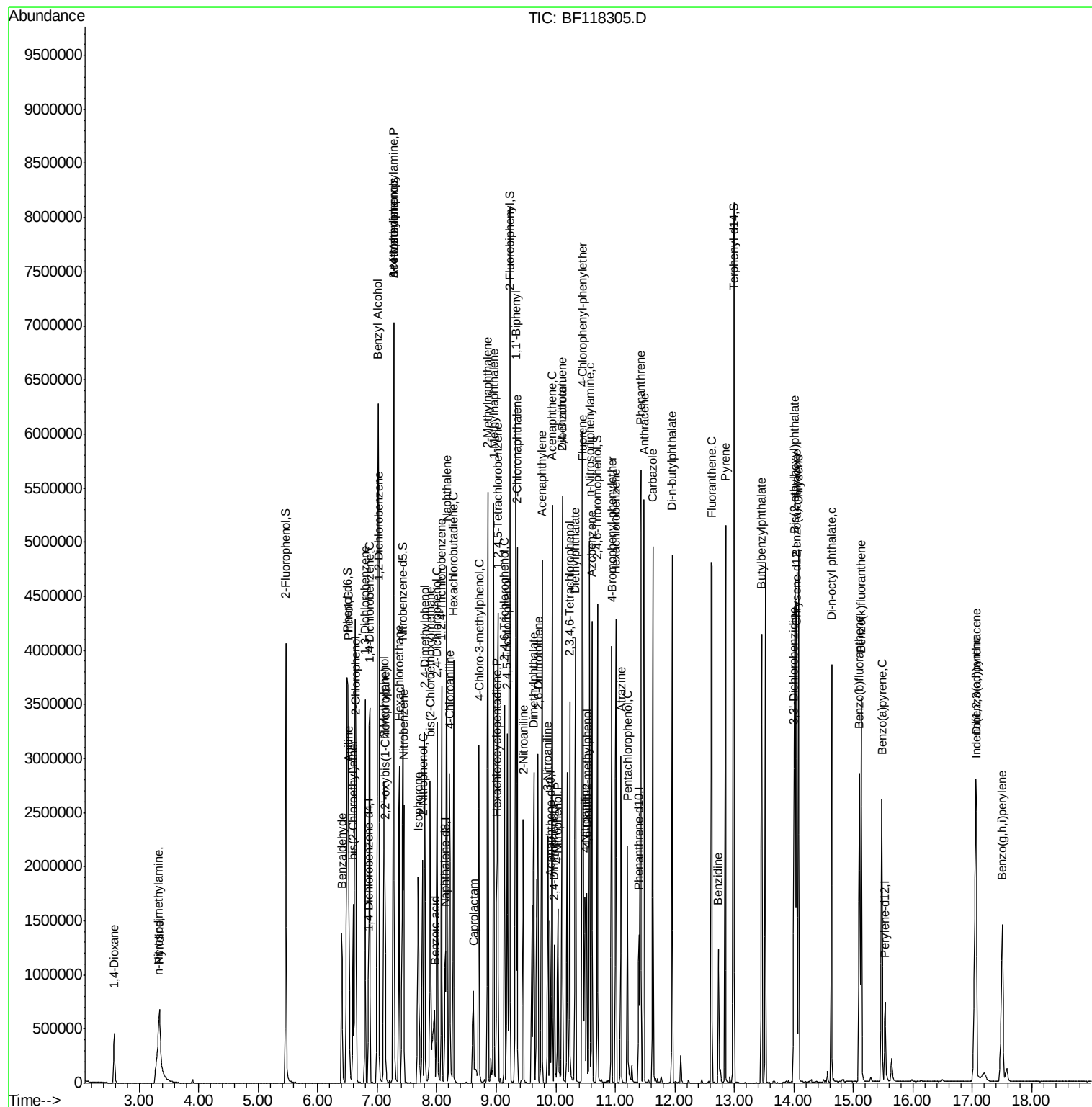
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	304725	75.952	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	472266	78.990	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	483190	78.006	ng	97
46) 1,1'-Biphenyl	9.33	154	1781765	76.428	ng	99
47) 2-Chloronaphthalene	9.35	162	1446379	77.127	ng	98
48) 2-Nitroaniline	9.45	65	422924	79.082	ng	98
49) Acenaphthylene	9.77	152	2107271	76.186	ng	98
50) Dimethylphthalate	9.63	163	1721646	78.853	ng	99
51) 2,6-Dinitrotoluene	9.70	165	371465	78.242	ng	95
52) Acenaphthene	9.95	154	1304380	77.262	ng	99
53) 3-Nitroaniline	9.87	138	439923	78.737	ng	90
54) 2,4-Dinitrophenol	9.98	184	198840	84.183	ng	94
55) Dibenzofuran	10.12	168	1857511	75.088	ng	96
56) 4-Nitrophenol	10.03	139	290266	74.860	ng	97
57) 2,4-Dinitrotoluene	10.10	165	496461	78.346	ng	# 84
58) Fluorene	10.46	166	1539807	78.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	404681	79.188	ng	97
60) Diethylphthalate	10.33	149	1674855	77.858	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	768856	77.729	ng	99
62) 4-Nitroaniline	10.49	138	453905	77.894	ng	99
63) Azobenzene	10.61	77	1418905	77.266	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	253440	84.639	ng	98
66) n-Nitrosodiphenylamine	10.57	169	1351238	79.803	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	493623	79.753	ng	97
68) Hexachlorobenzene	11.01	284	577324	79.248	ng	99
69) Atrazine	11.10	200	394535	91.887	ng	97
70) Pentachlorophenol	11.20	266	275881	80.527	ng	97
71) Phenanthrene	11.43	178	2214862	76.843	ng	98
72) Anthracene	11.48	178	2220350	77.221	ng	99
73) Carbazole	11.63	167	1960669	76.001	ng	100
74) Di-n-butylphthalate	11.96	149	2489173	77.097	ng	99
75) Fluoranthene	12.62	202	2193602	74.438	ng	99
77) Benzidine	12.73	184	504049	56.765	ng	# 96
78) Pyrene	12.85	202	2185687	82.227	ng	98
80) Butylbenzylphthalate	13.46	149	1005665	83.540	ng	95
81) Benzo(a)anthracene	14.04	228	1821366	78.092	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	570021	74.416	ng	99
83) Chrysene	14.08	228	1718864	77.151	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1277632	80.488	ng	100
85) Di-n-octyl phthalate	14.63	149	1849683	76.924	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	1643302	87.662	ng	100
88) Benzo(b)fluoranthene	15.10	252	1567852	74.545	ng	99
89) Benzo(k)fluoranthene	15.13	252	1539147	76.176	ng	99
90) Benzo(a)pyrene	15.48	252	1432874	77.137	ng	98
91) Dibenzo(a,h)anthracene	17.06	278	1361375	85.447	ng	98
92) Benzo(g,h,i)perylene	17.50	276	1338056	87.397	ng	99

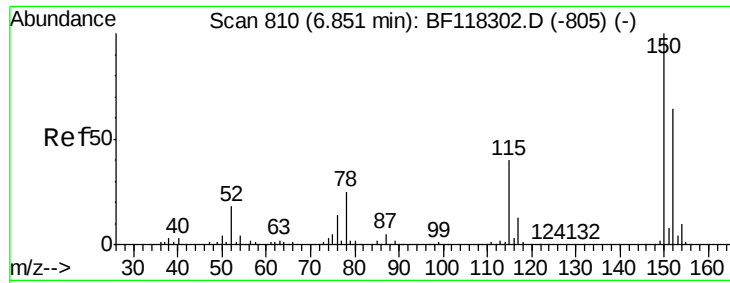
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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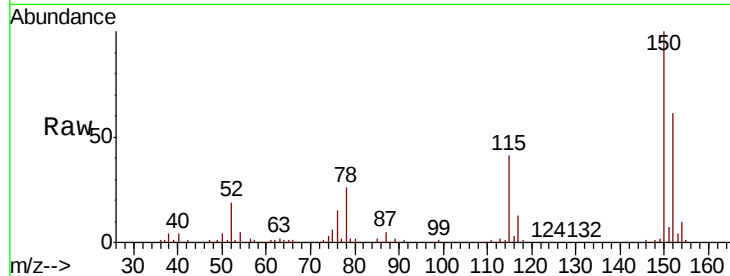


#1

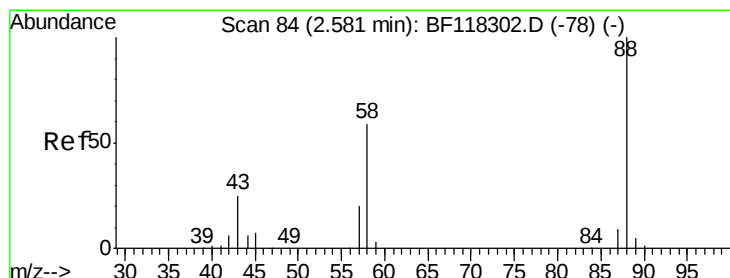
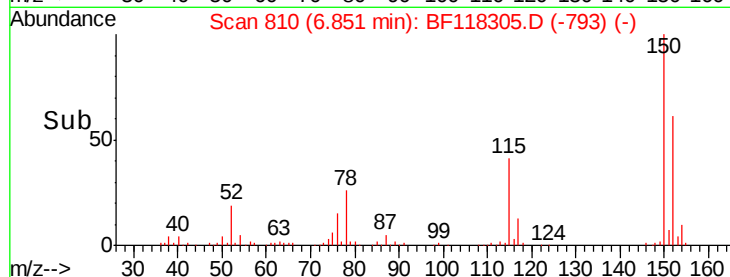
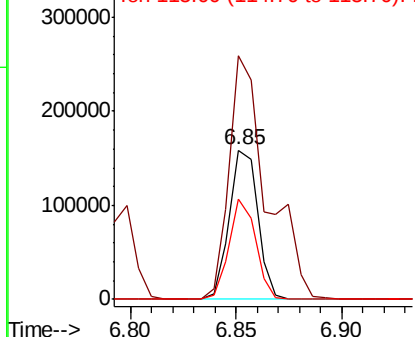
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 147724
Ion Ratio Lower Upper
152 100
150 163.2 125.4 188.2
115 66.9 50.2 75.4



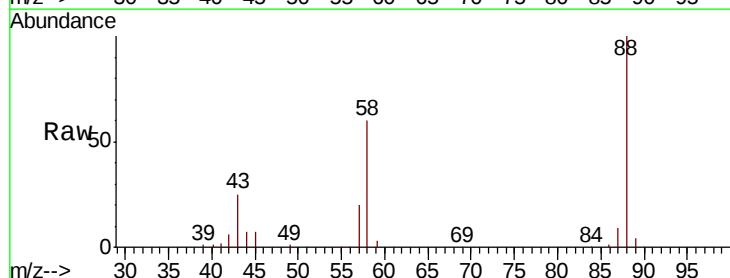
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



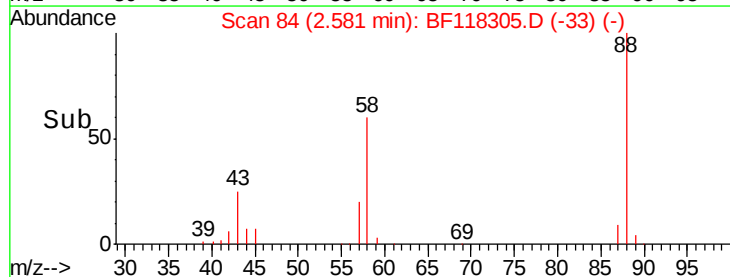
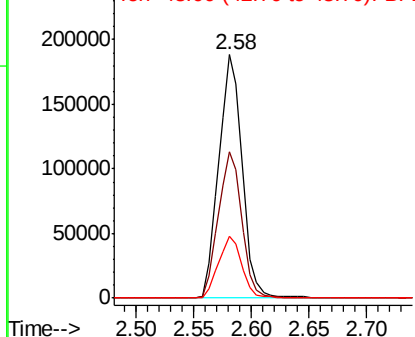
#2

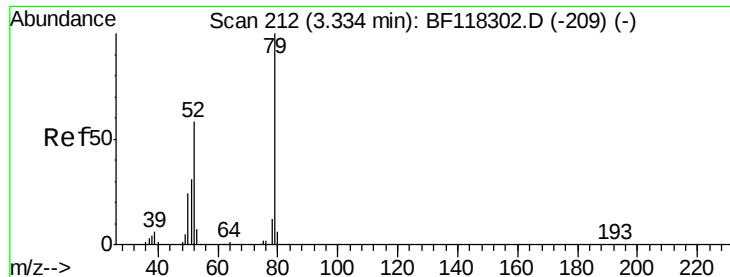
1,4-Dioxane
Concen: 74.417 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.00 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion: 88 Resp: 264653
Ion Ratio Lower Upper
88 100
58 60.5 47.6 71.4
43 25.3 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: 79.319 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

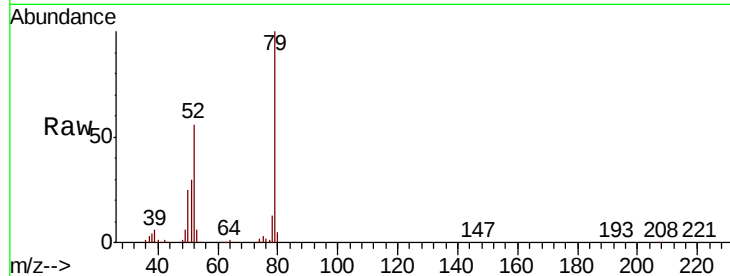
Tot Ion: 79 Resp: 727783

Ion Ratio Lower Upper

79 100

52 56.0 46.4 69.6

51 29.7 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

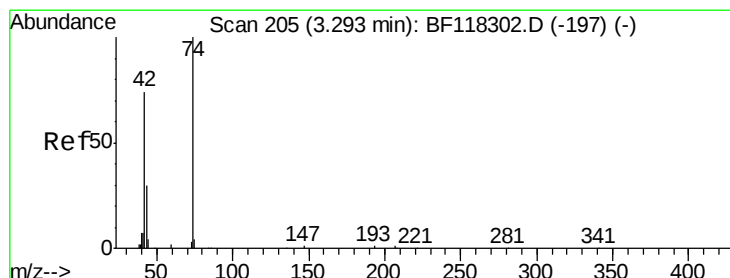
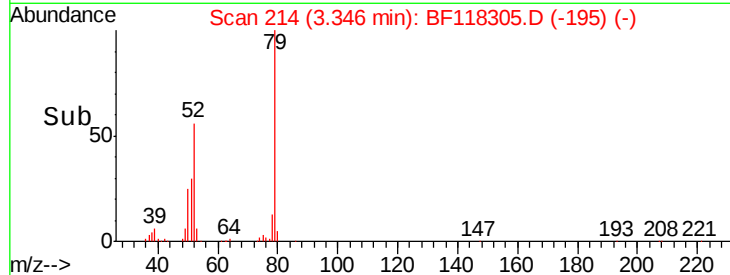
300000

200000

100000

0

Time--> 3.20 3.40 3.60



#4

n-Nitrosodimethylamine

Concen: 75.463 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.03 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

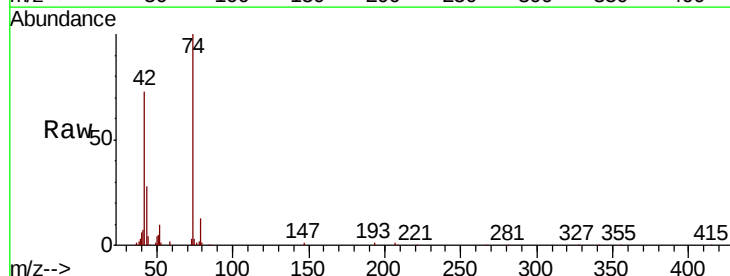
Tgt Ion: 42 Resp: 297864

Ion Ratio Lower Upper

42 100

74 136.7 107.7 161.5

44 5.1 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

200000

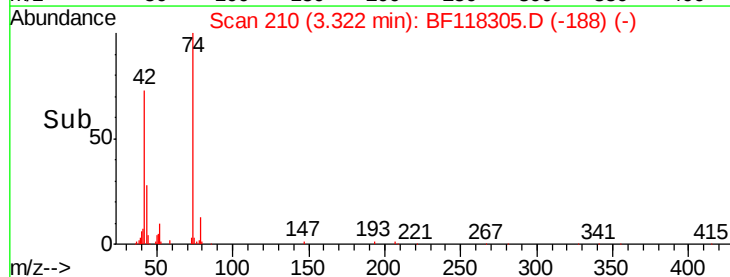
150000

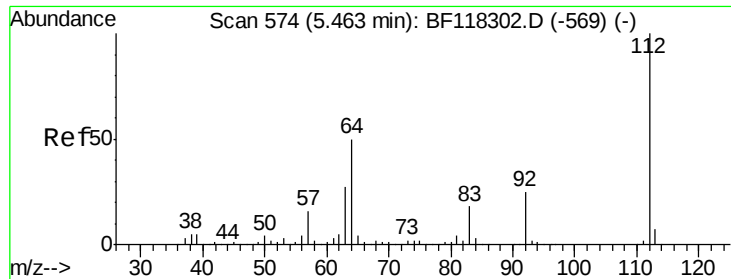
100000

50000

0

Time--> 3.20 3.30 3.40





#5

2-Fluorophenol

Concen: 153.905 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

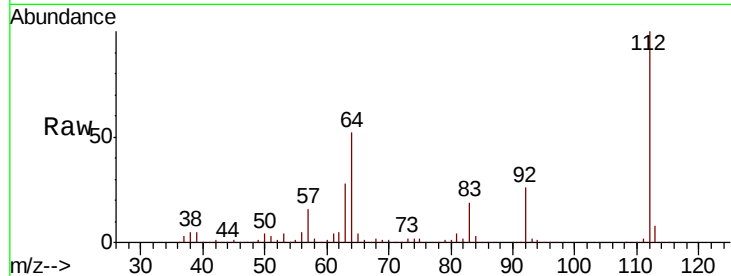
Tot Ion:112 Resp: 1298085

Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

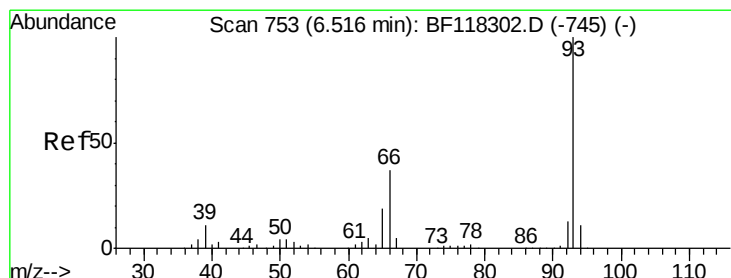
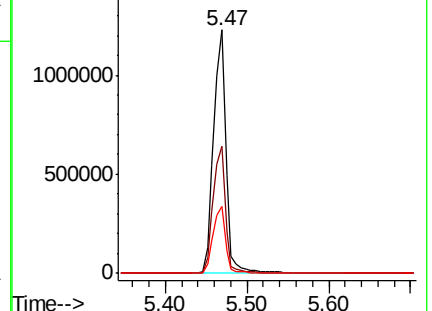
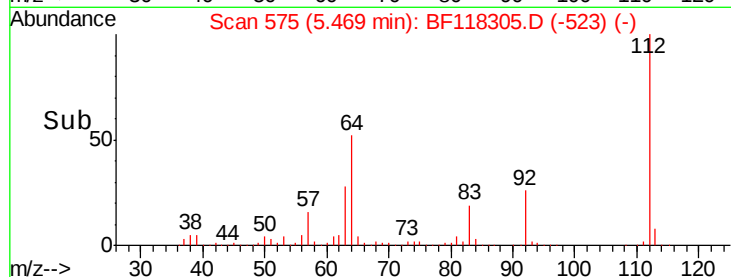
63 27.6 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 79.009 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

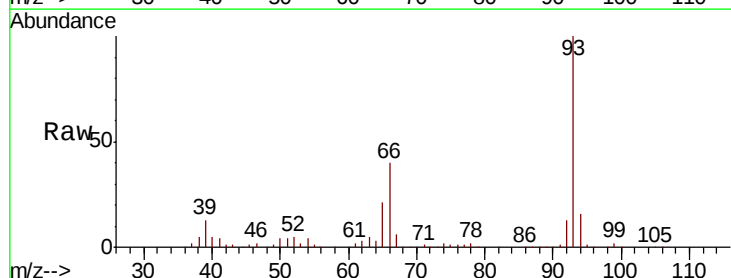
Tgt Ion: 93 Resp: 1031024

Ion Ratio Lower Upper

93 100

66 40.3 30.2 45.4

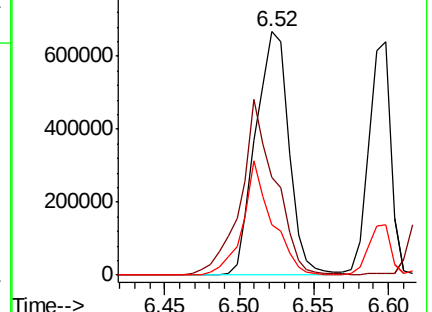
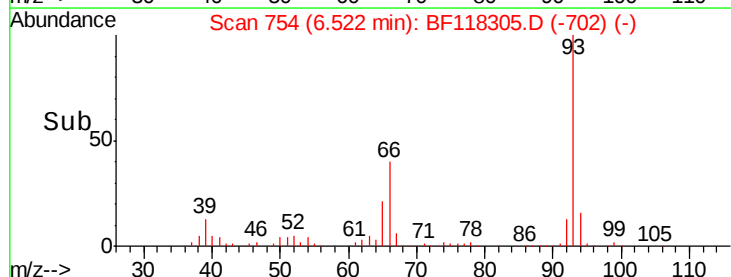
65 20.8 15.7 23.5

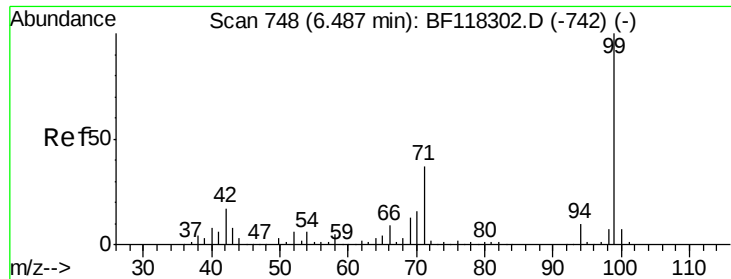


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 157.898 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

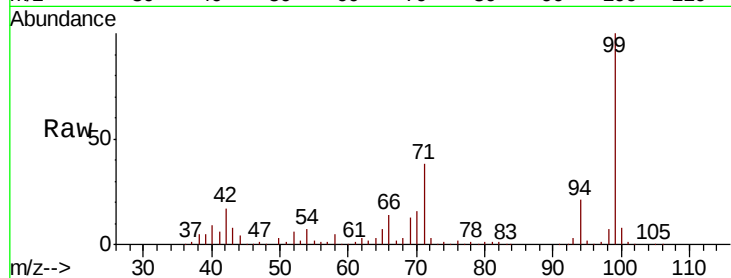
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 1610800

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	37.6	29.4	44.2

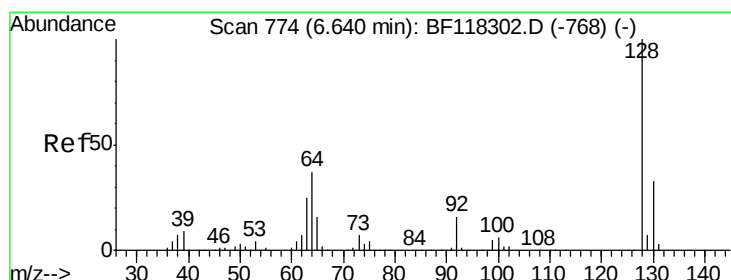
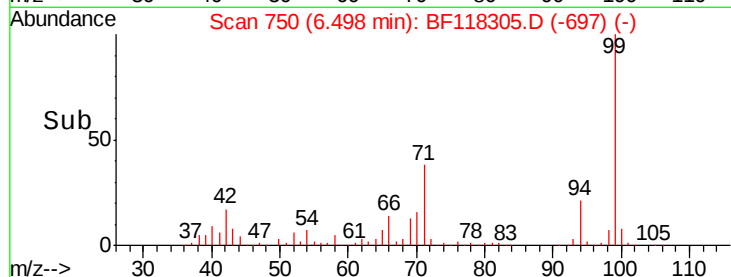
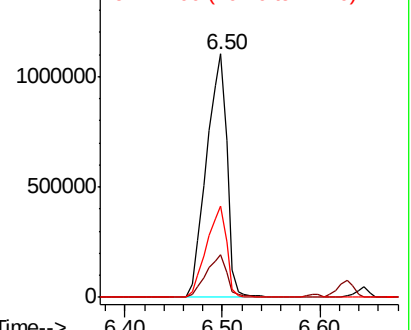


Abundance

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: 77.336 ng

RT: 6.65 min Scan# 775

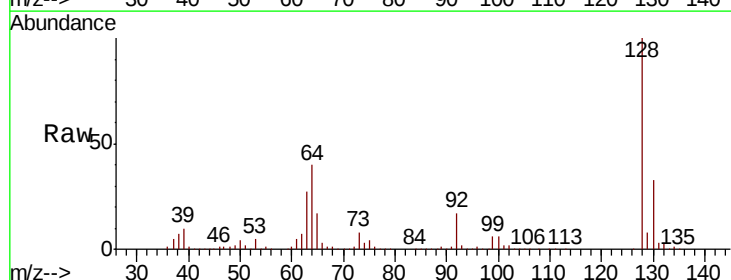
Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Tgt Ion: 128 Resp: 735499

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.2	53.2
64	40.1	17.7	57.7

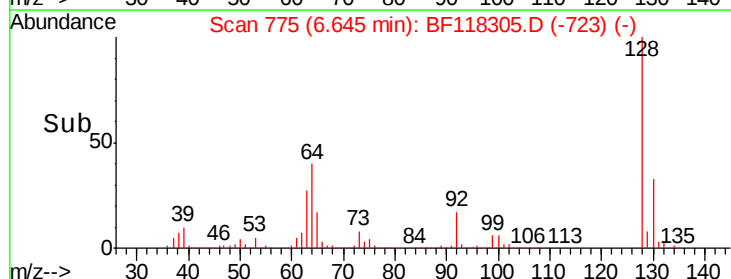
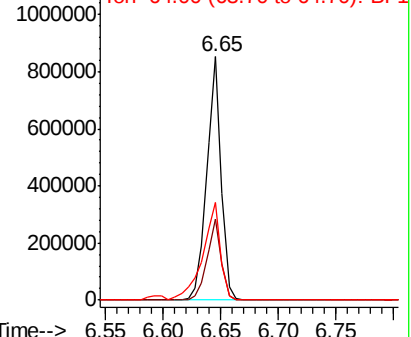


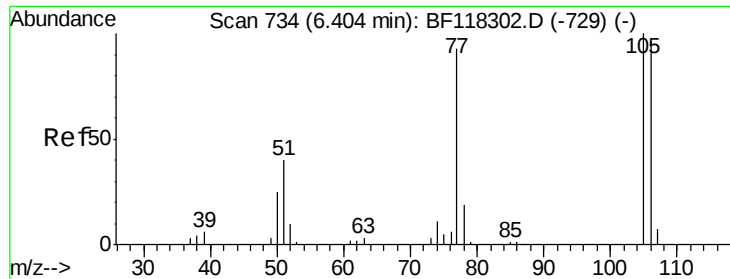
Abundance

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: 65.204 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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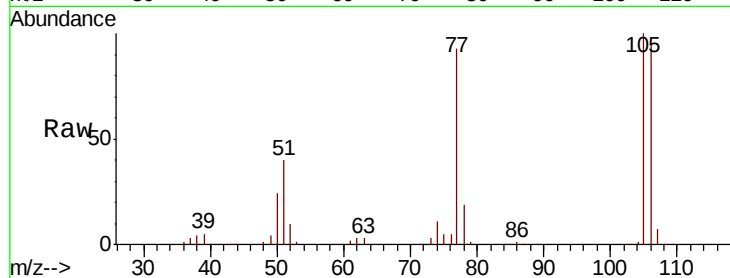
Tot Ion: 77 Resp: 338298

Ion Ratio Lower Upper

77 100

105 107.3 87.5 127.5

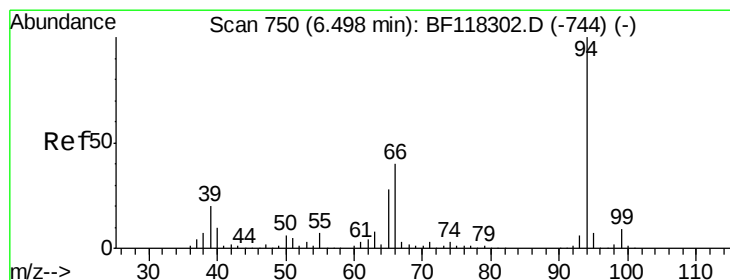
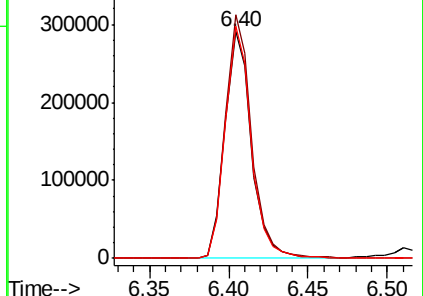
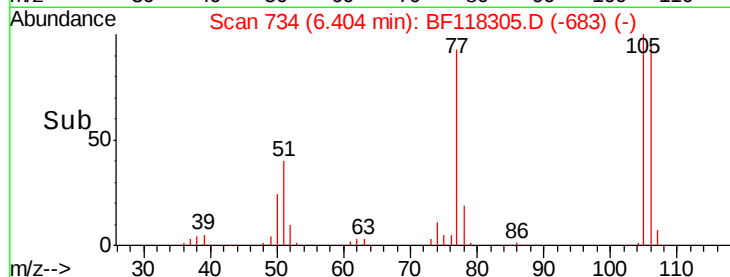
106 102.3 83.6 123.6



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: 78.365 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

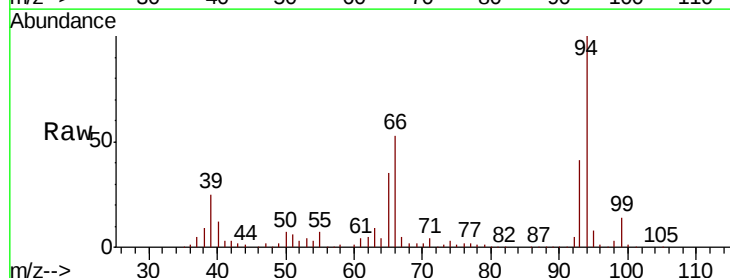
Tgt Ion: 94 Resp: 911714

Ion Ratio Lower Upper

94 100

65 34.7 7.8 47.8

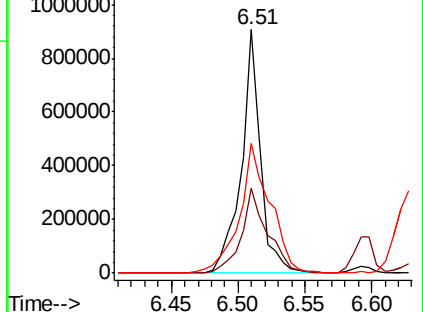
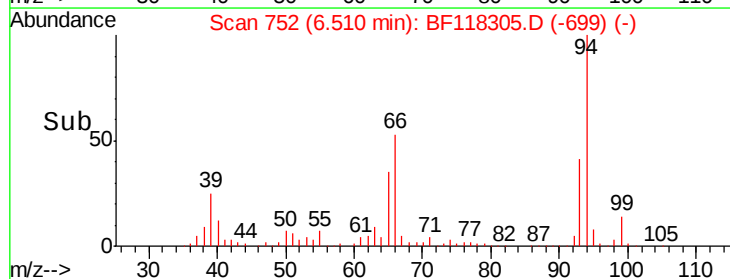
66 53.1 20.4 60.4

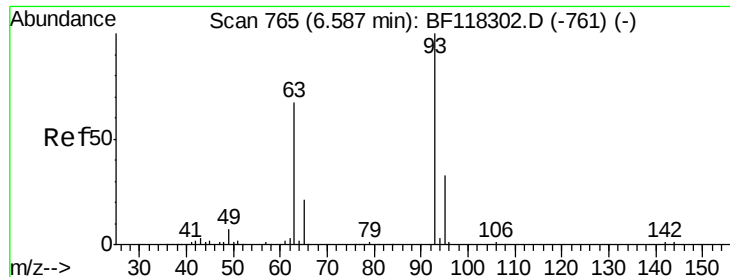


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 77.215 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

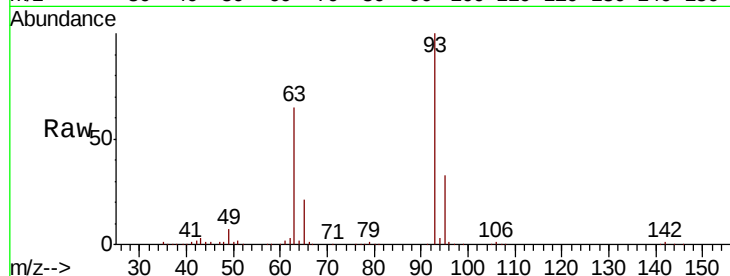
Tot Ion: 93 Resp: 649711

Ion Ratio Lower Upper

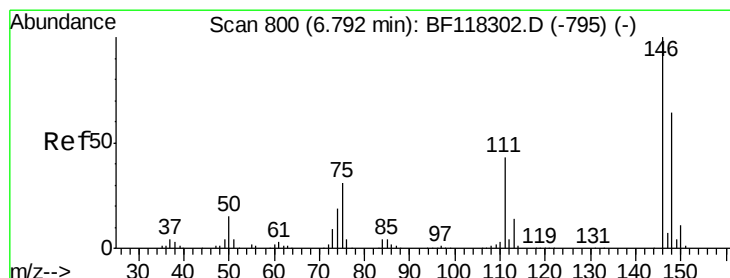
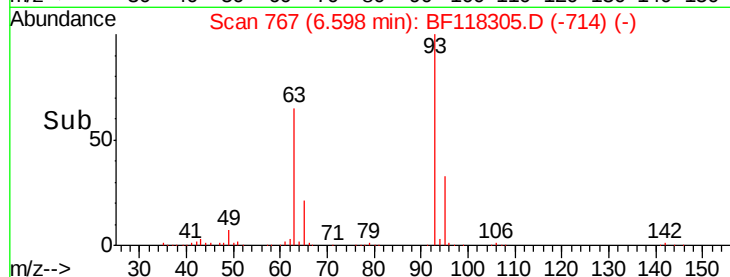
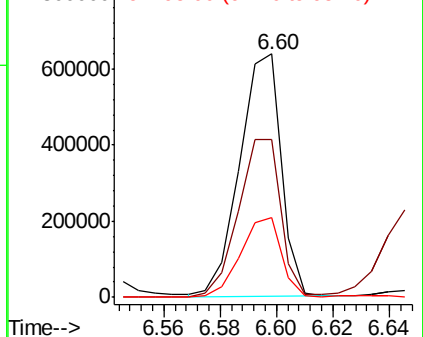
93 100

63 64.7 47.0 87.0

95 32.8 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: 75.762 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

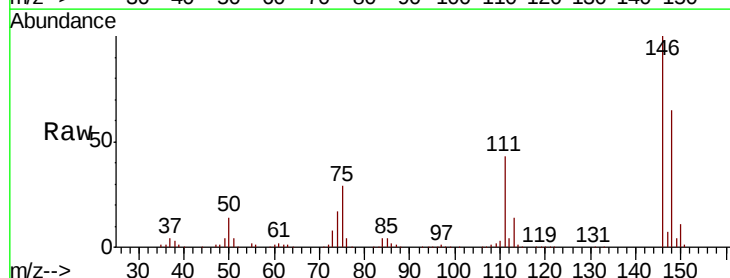
Tgt Ion: 146 Resp: 841707

Ion Ratio Lower Upper

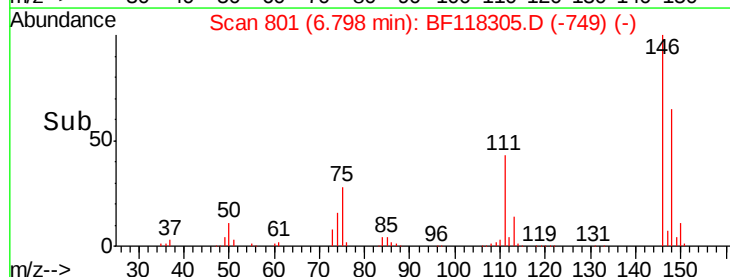
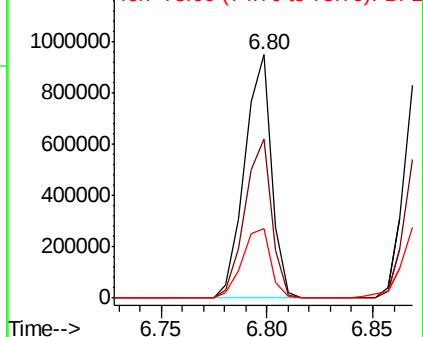
146 100

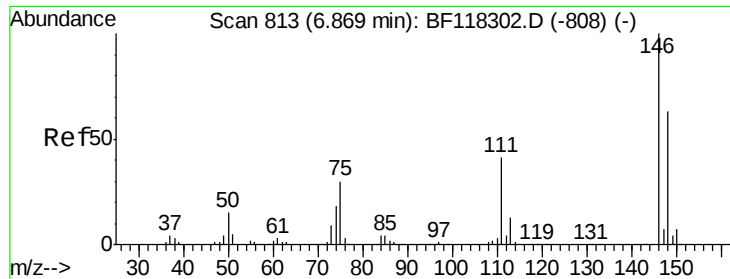
148 65.5 51.4 77.0

75 28.6 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

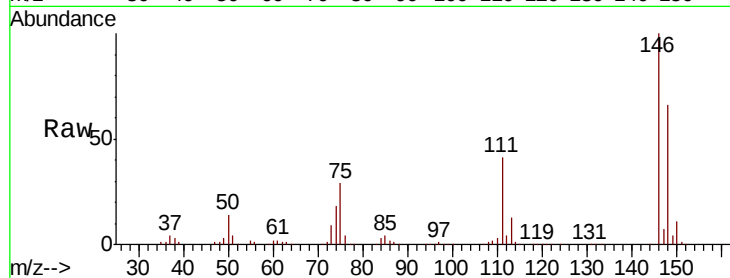




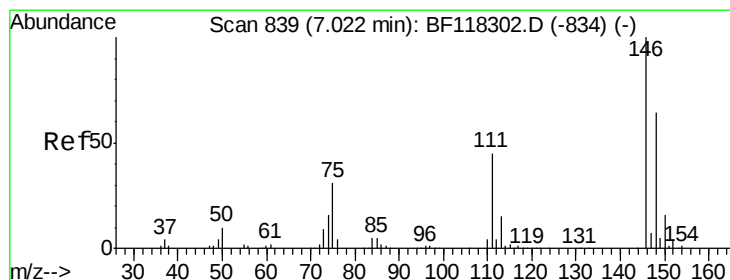
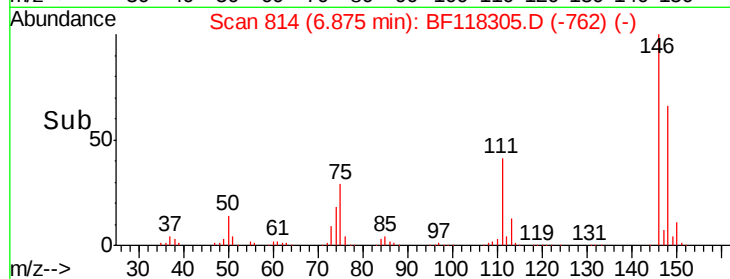
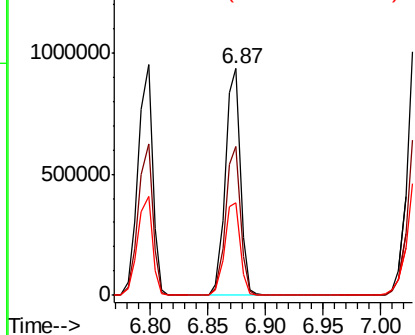
#13
 1,4-Dichlorobenzene
 Concen: 75.779 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:146 Resp: 847749
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.3 75.5
 111 41.1 32.8 49.2

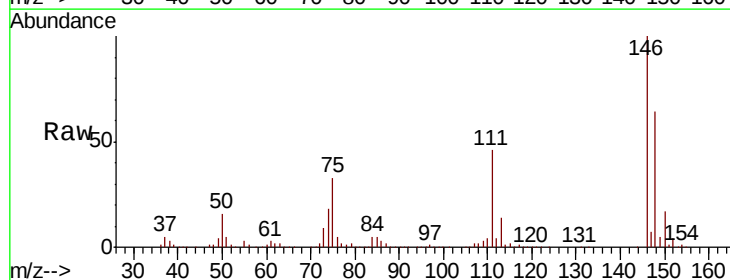


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

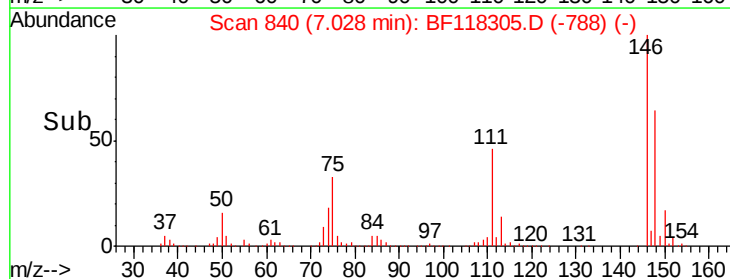
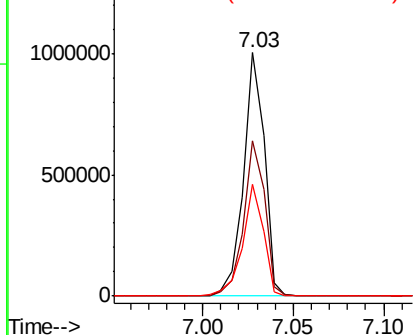


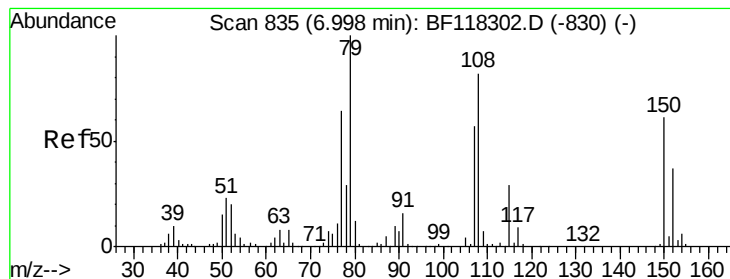
#14
 1,2-Dichlorobenzene
 Concen: 76.120 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:146 Resp: 799705
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 46.0 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: 77.561 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampled :

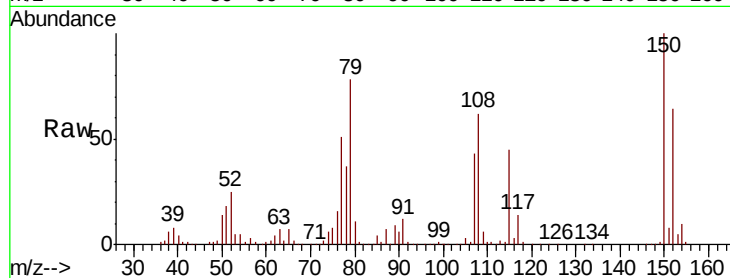
Tot Ion: 79 Resp: 617644

Ion Ratio Lower Upper

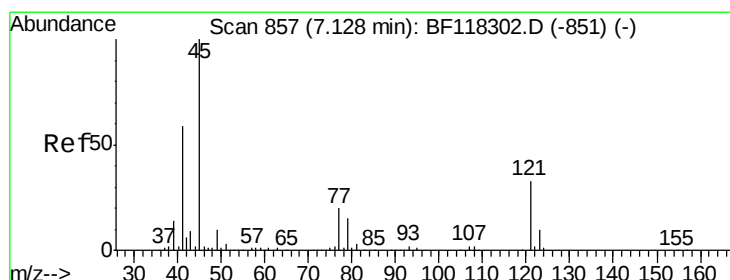
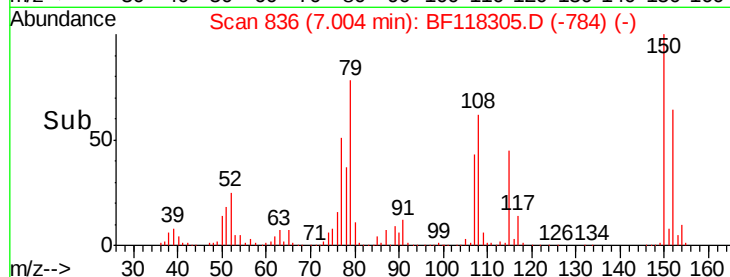
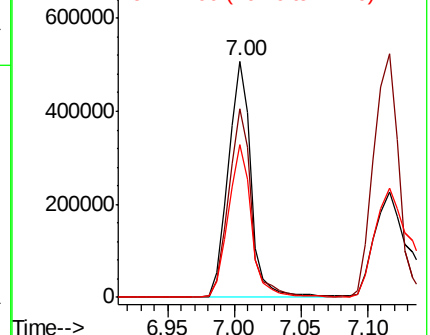
79 100

108 80.1 65.4 98.0

77 64.8 51.4 77.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.065 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

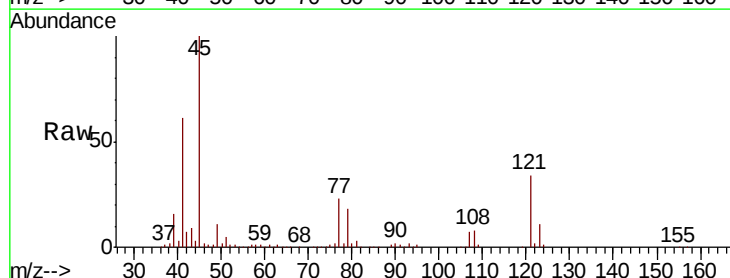
Tgt Ion: 45 Resp: 688619

Ion Ratio Lower Upper

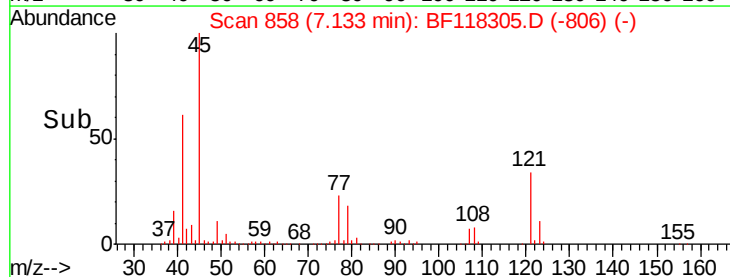
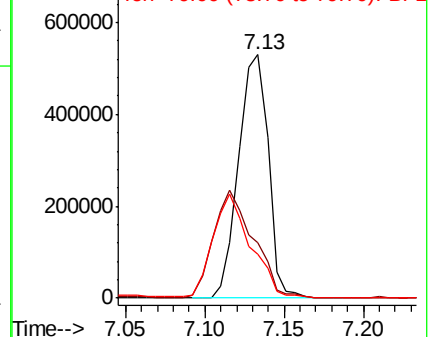
45 100

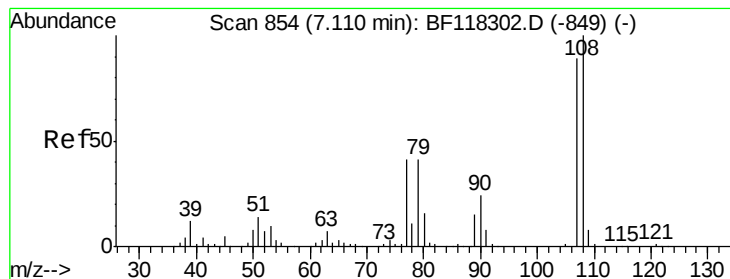
77 23.0 1.2 41.2

79 18.2 0.0 37.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 79.851 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:107 Resp: 604001

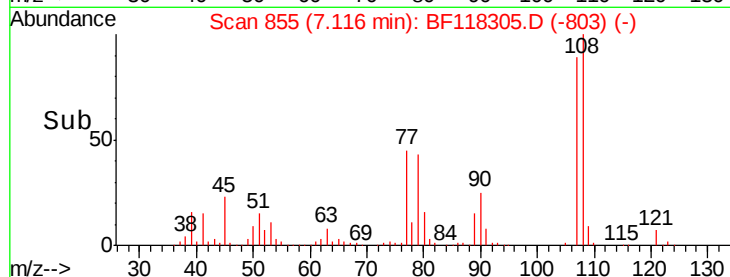
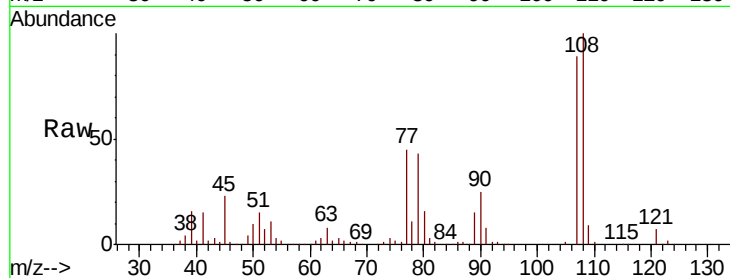
Ion Ratio Lower Upper

107 100

108 112.1 89.7 134.5

77 50.5 37.2 55.8

79 48.5 36.7 55.1

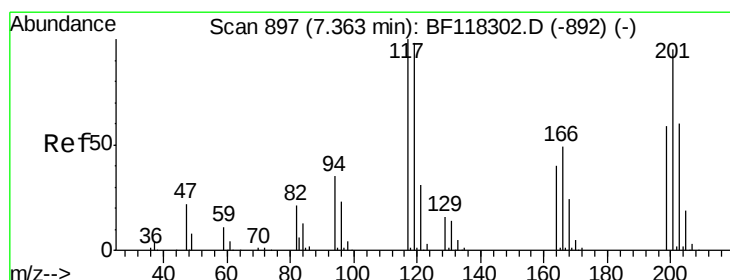
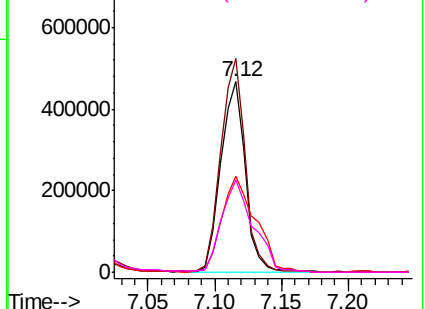


Abundance Ion 107.00 (106.70 to 107.70): E

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: 77.636 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

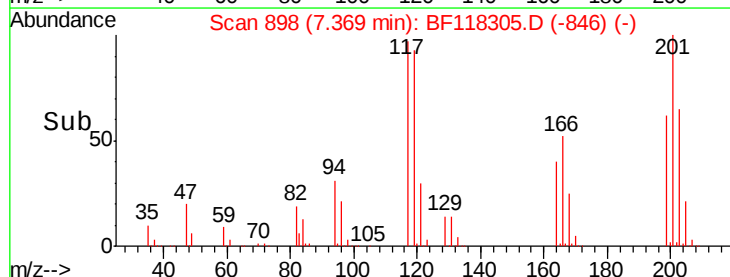
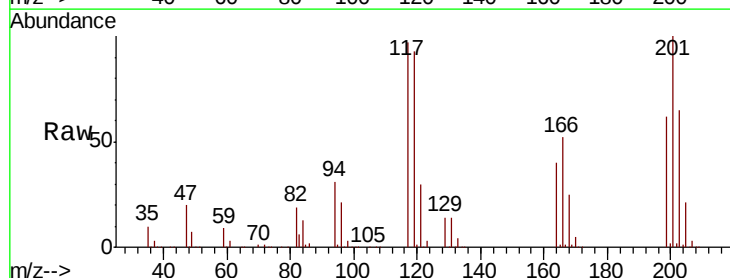
Tgt Ion:117 Resp: 320029

Ion Ratio Lower Upper

117 100

119 96.4 78.0 117.0

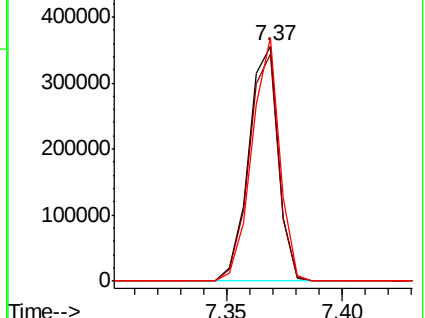
201 103.5 76.2 114.2

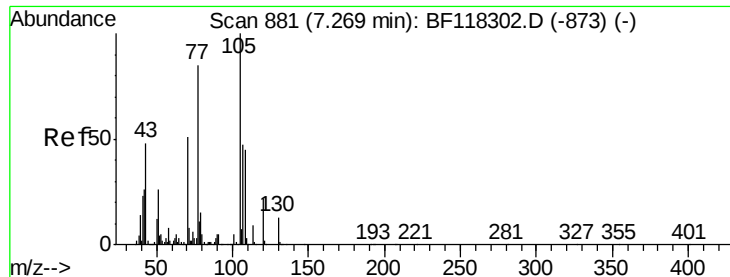


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

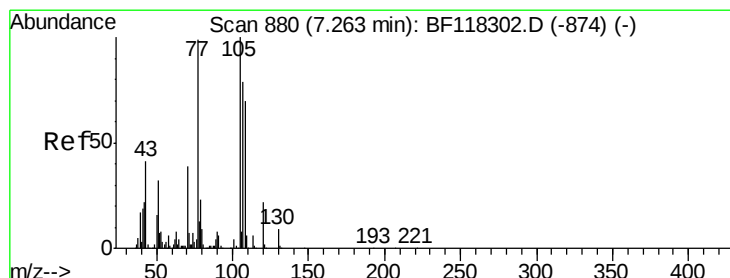
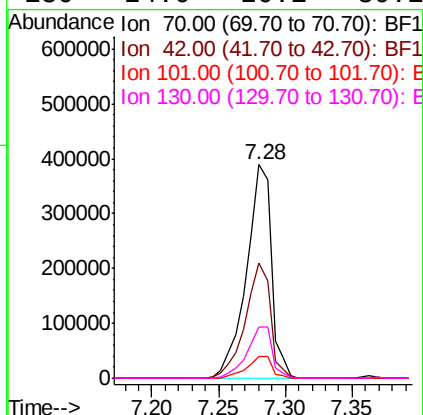
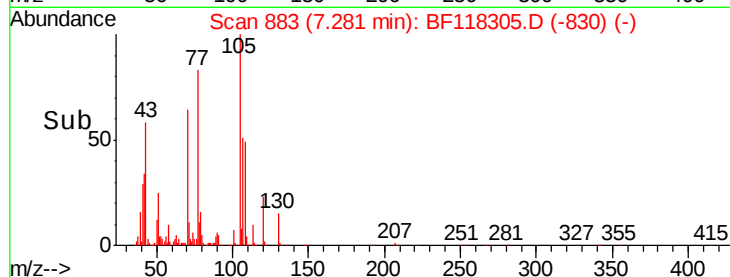
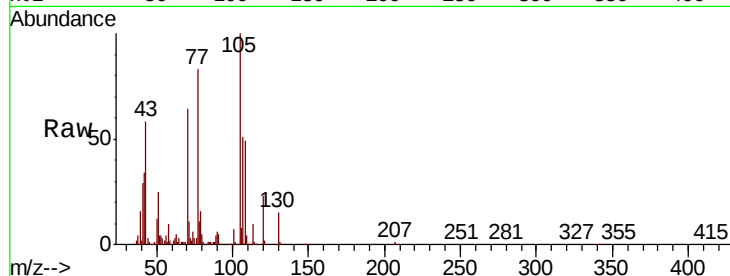




#19
n-Nitroso-di-n-propylamine
Concen: 80.907 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

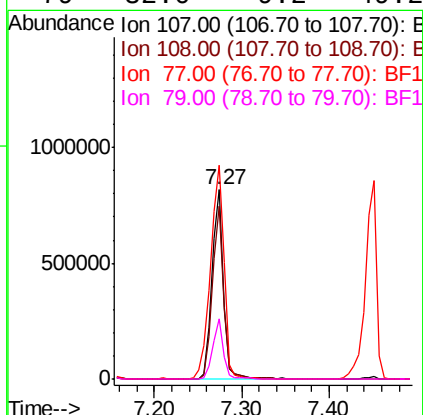
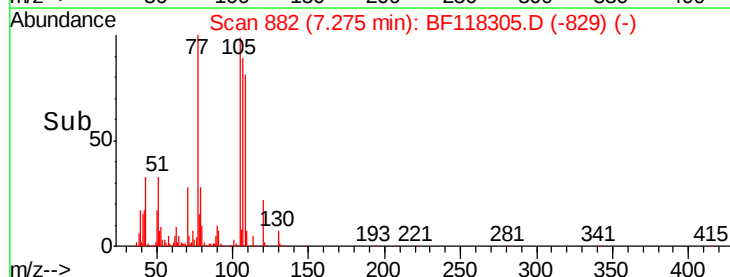
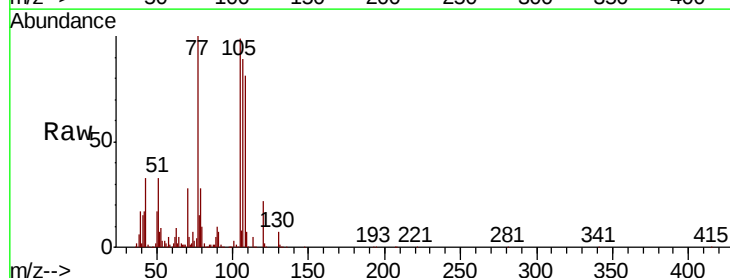
Instrument :
BNA_E
ClientSampled :

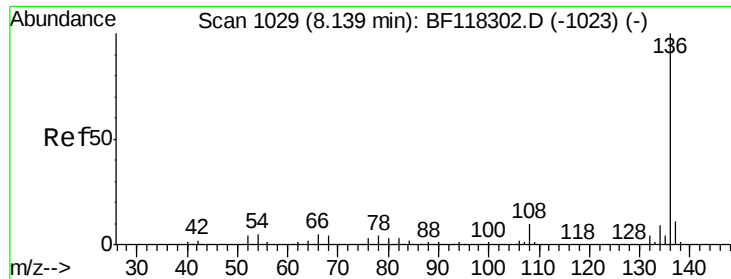
Tot Ion: 70 Resp: 501546
Ion Ratio Lower Upper
70 100
42 53.8 41.1 61.7
101 10.2 8.3 12.5
130 24.0 20.1 30.1



#20
3+4-Methylphenols
Concen: 78.091 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion: 107 Resp: 741950
Ion Ratio Lower Upper
107 100
108 91.1 69.3 109.3
77 112.8 105.9 145.9
79 32.0 9.2 49.2

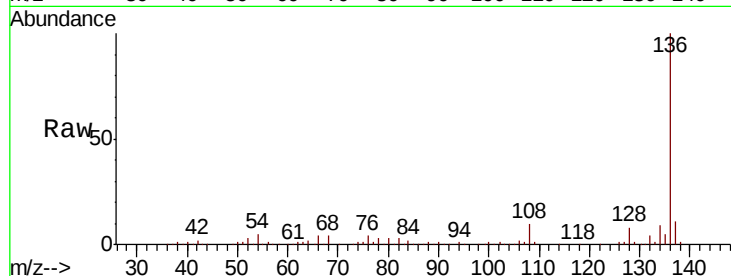




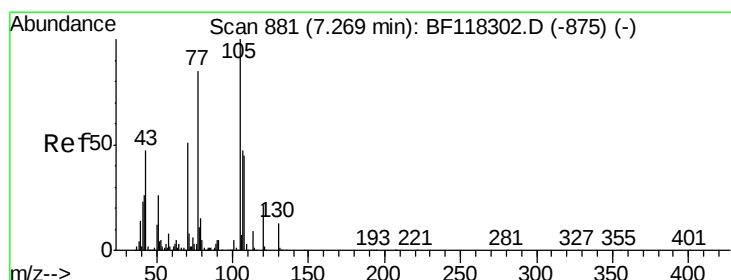
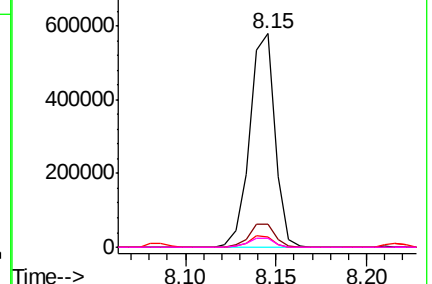
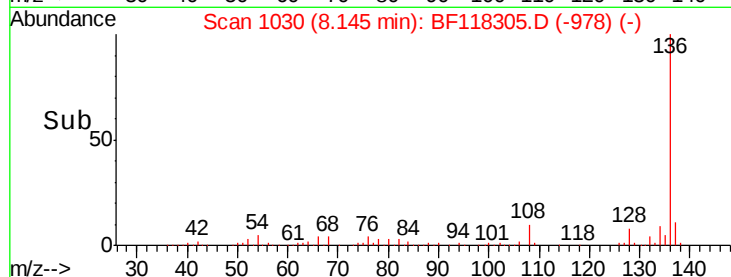
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp: 557072
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 4.9	4.2 6.4
68 4.4	3.5 5.3

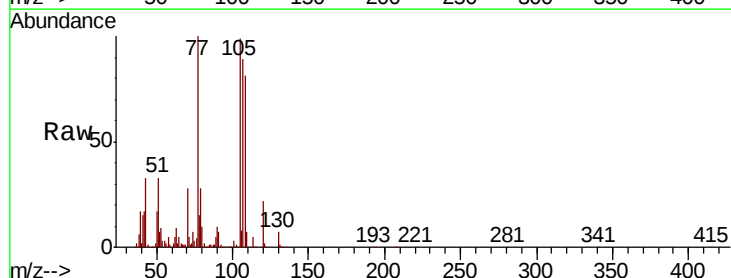


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

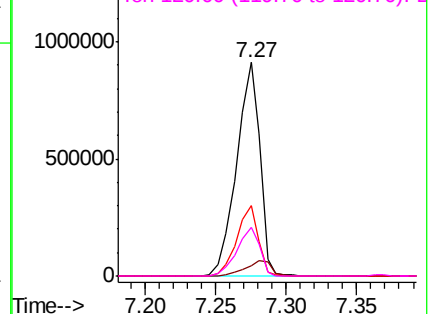
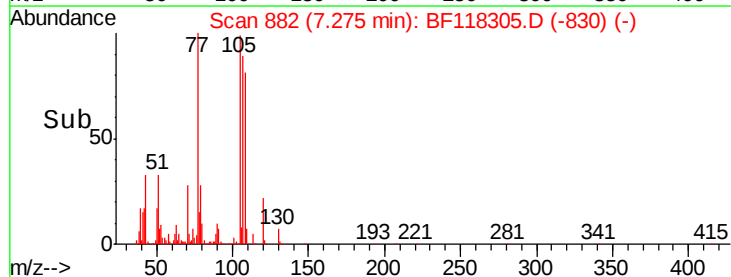


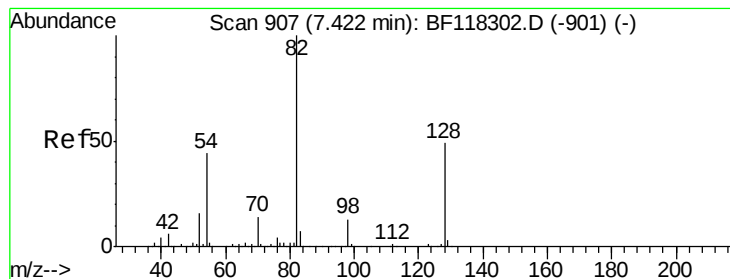
#22
Acetophenone
Concen: 77.841 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:105	Resp: 1041786
Ion Ratio	Lower Upper
105 100	
71 4.8	6.6 9.8#
51 33.0	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: 154.218 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

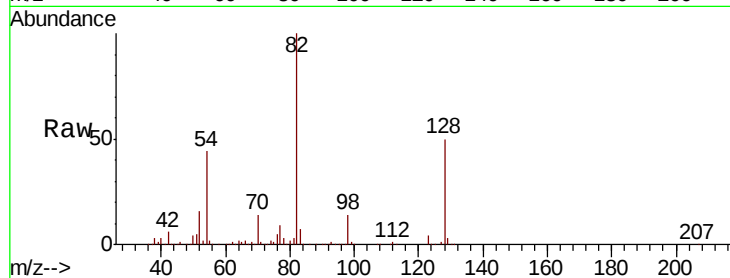
Tot Ion: 82 Resp: 1527088

Ion Ratio Lower Upper

82 100

128 50.4 39.6 59.4

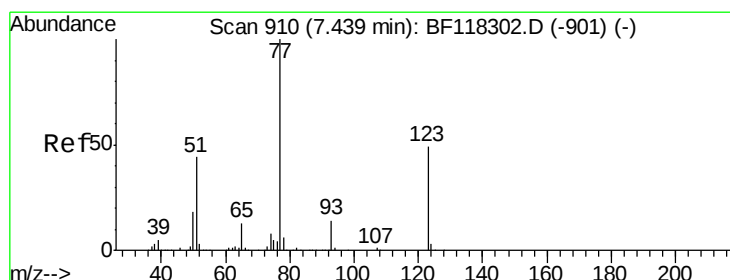
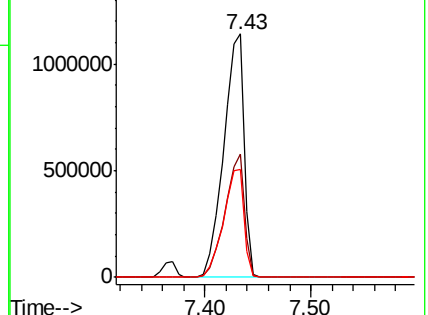
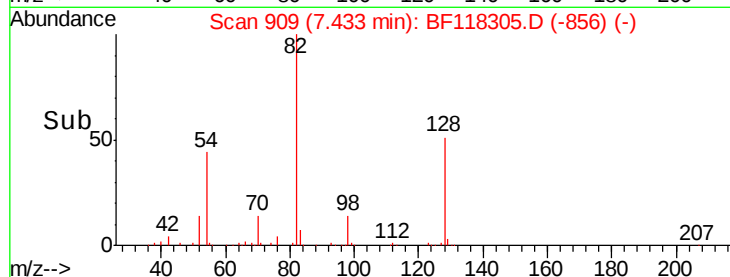
54 44.4 34.9 52.3



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: 77.832 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

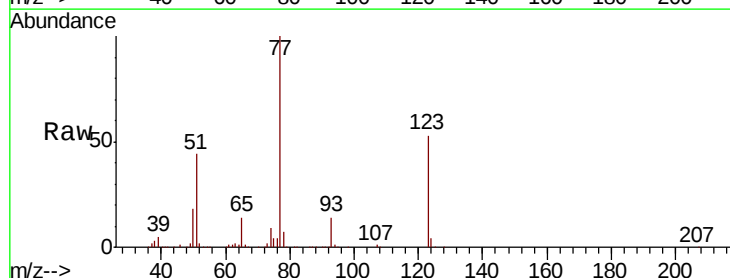
Tgt Ion: 77 Resp: 757208

Ion Ratio Lower Upper

77 100

123 52.9 39.1 58.7

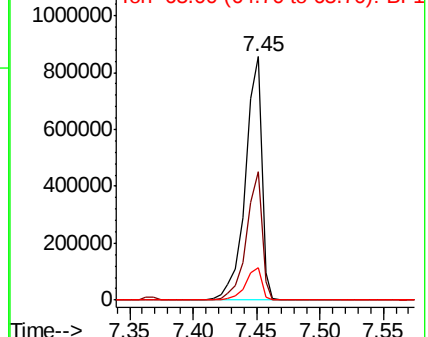
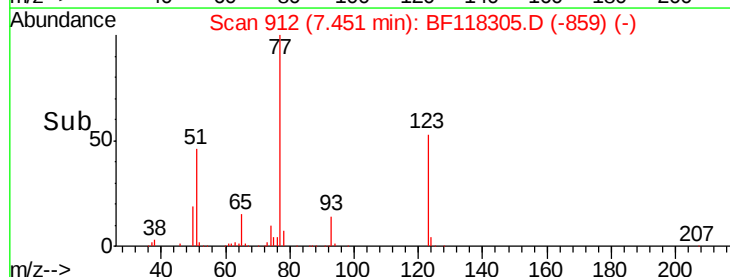
65 13.5 10.6 16.0

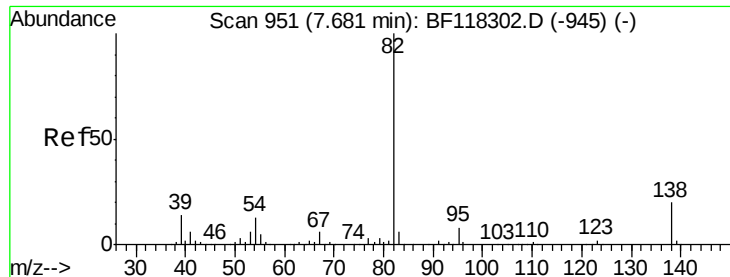


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 79.131 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

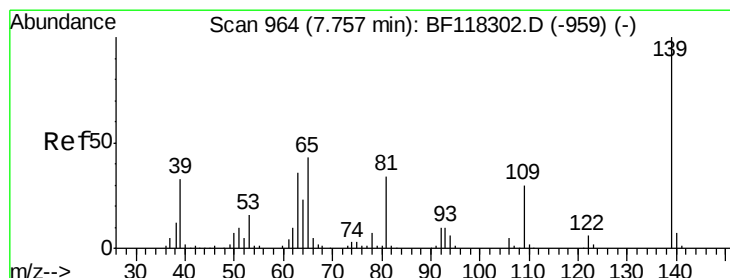
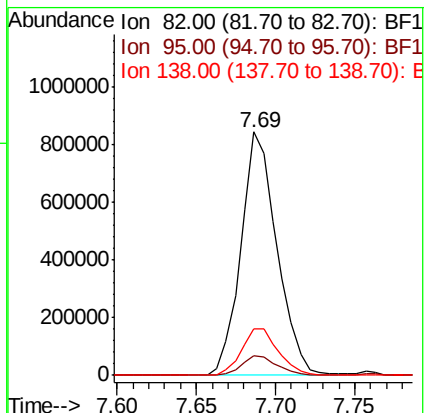
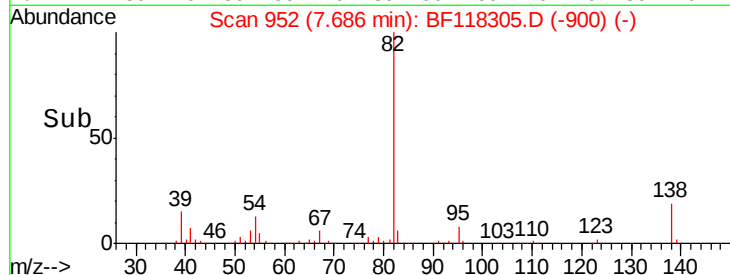
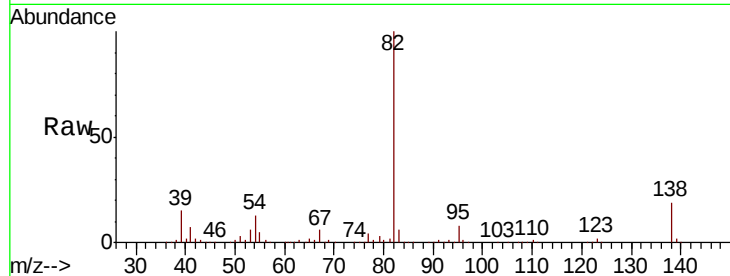
Tot Ion: 82 Resp: 1328302

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

138 19.1 16.2 24.2



#26

2-Nitrophenol

Concen: 80.326 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

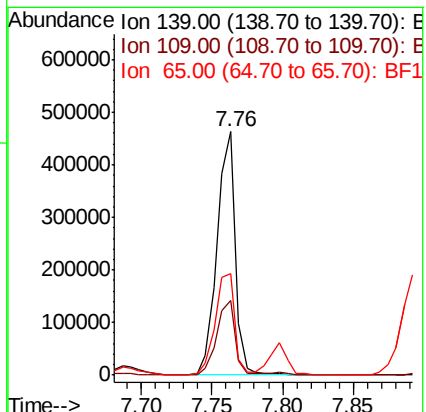
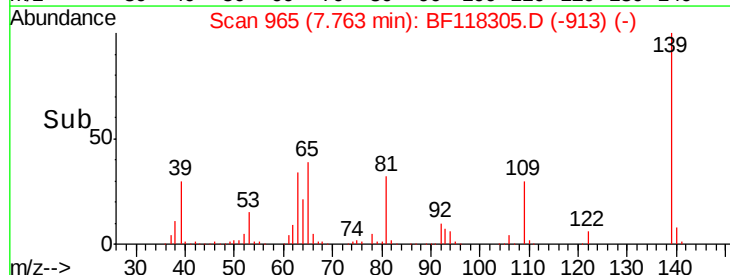
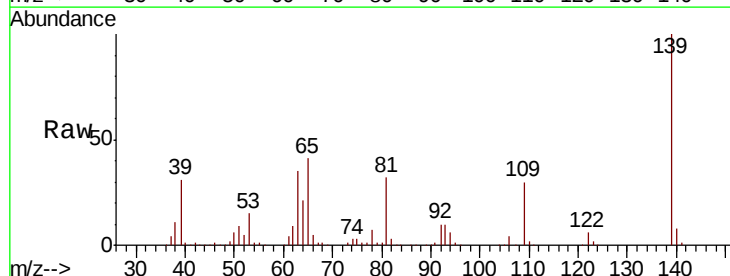
Tgt Ion: 139 Resp: 417687

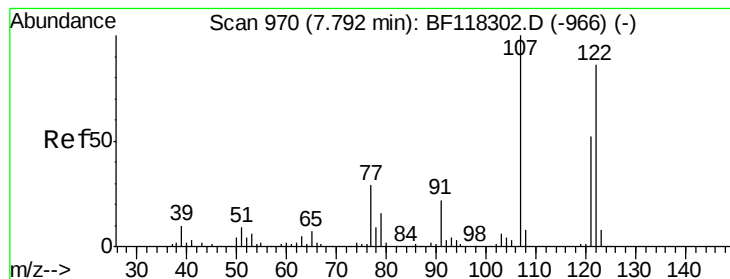
Ion Ratio Lower Upper

139 100

109 30.4 24.1 36.1

65 41.5 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 79.356 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampled :

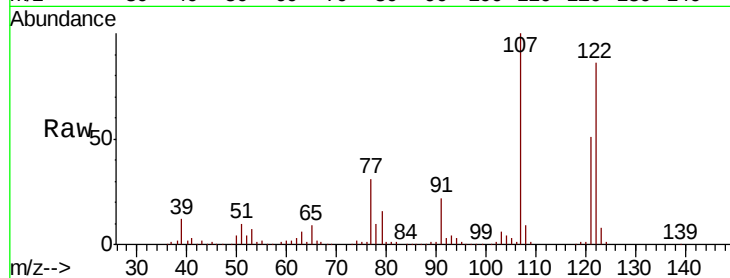
Tot Ion:122 Resp: 550422

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

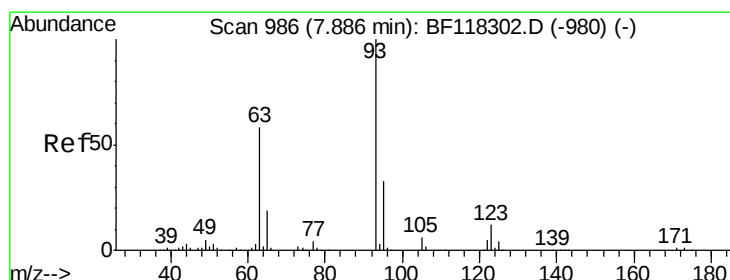
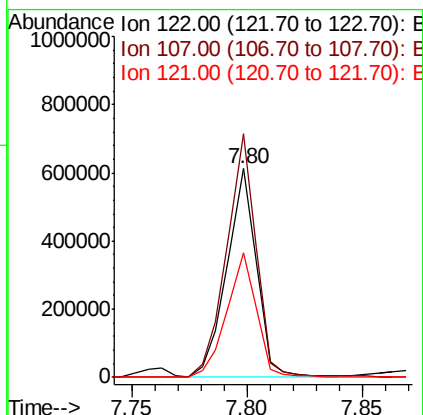
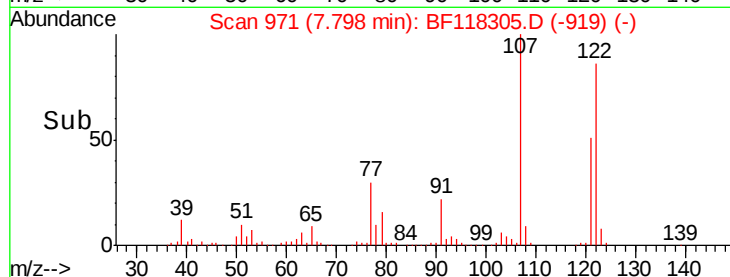
121 59.7 47.9 71.9



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: 77.838 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

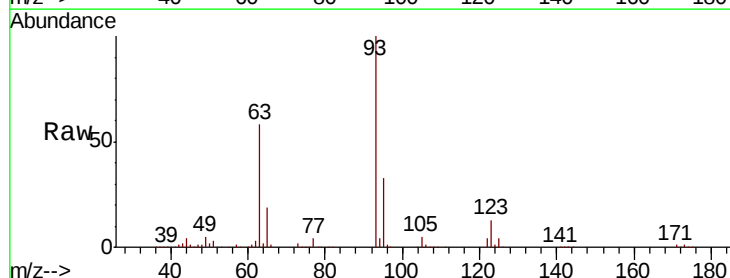
Tgt Ion: 93 Resp: 853781

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

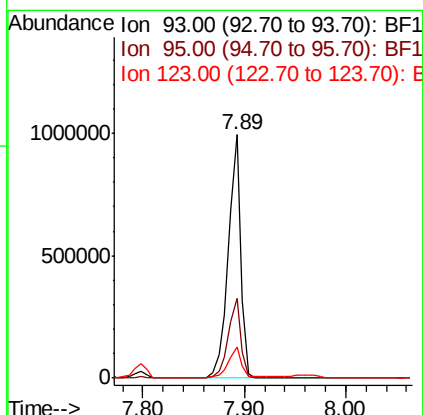
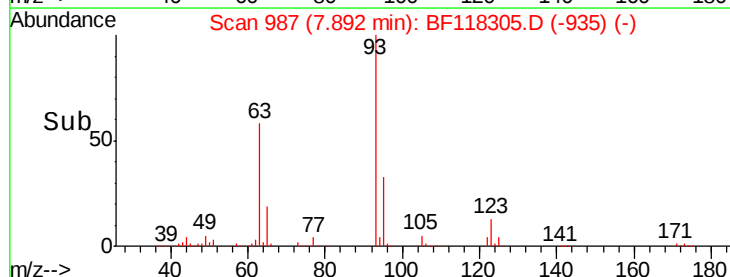
123 12.5 9.8 14.8

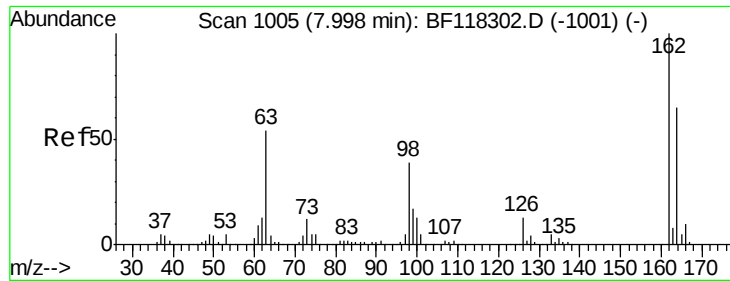


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

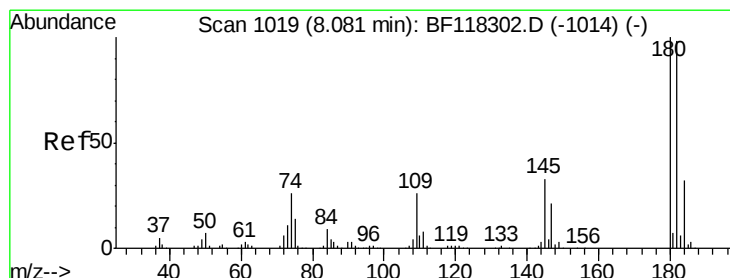
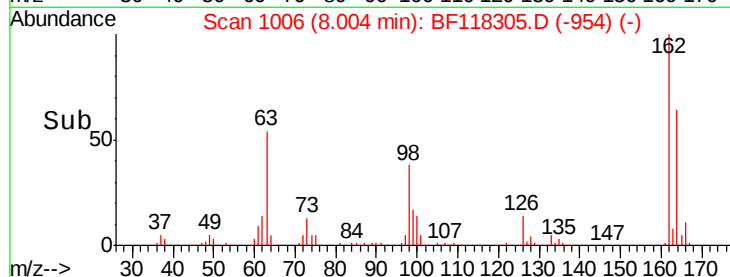
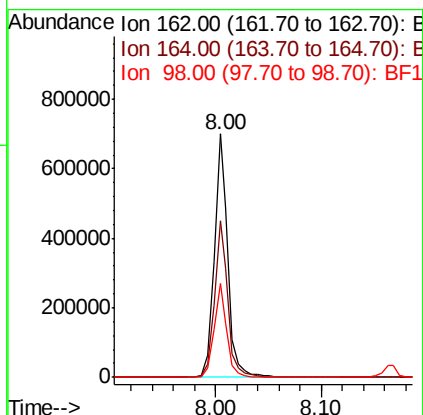
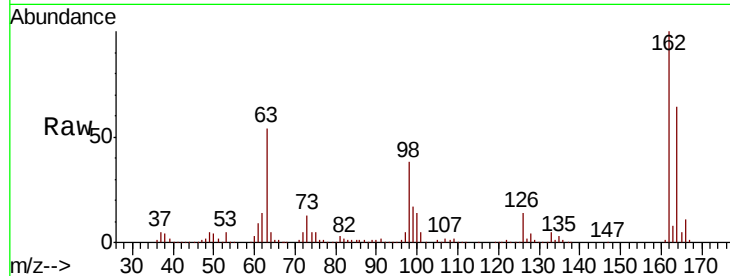




#29
 2,4-Dichlorophenol
 Concen: 78.318 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

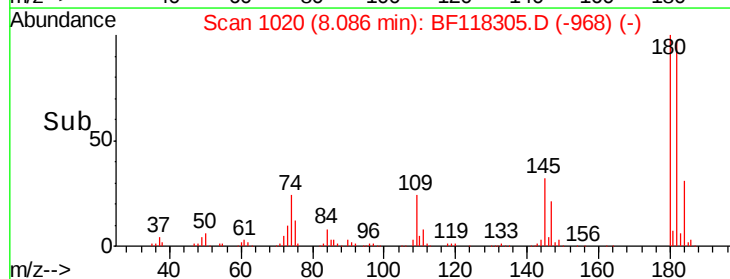
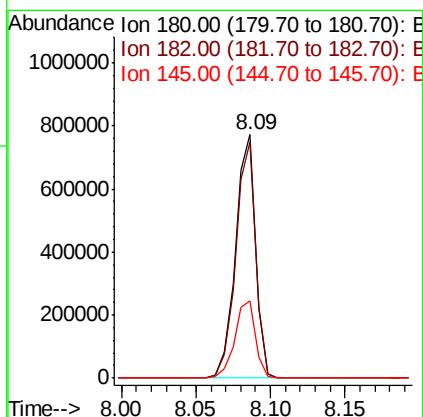
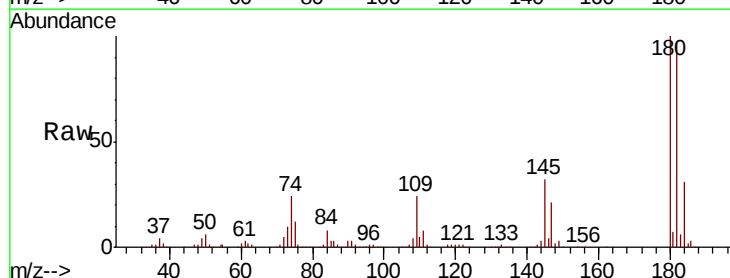
Instrument :
 BNA_E
 ClientSampleId :

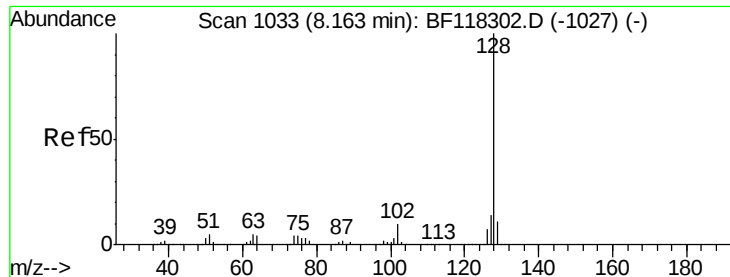
Tot Ion:162 Resp: 633273
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.1 85.1
 98 38.4 18.6 58.6



#30
 1,2,4-Trichlorobenzene
 Concen: 77.145 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:180 Resp: 728991
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.3 117.5
 145 31.7 26.7 40.1

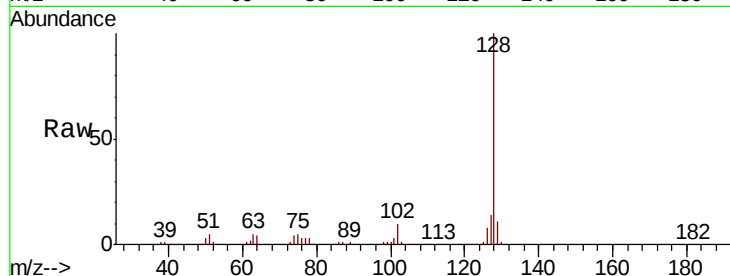




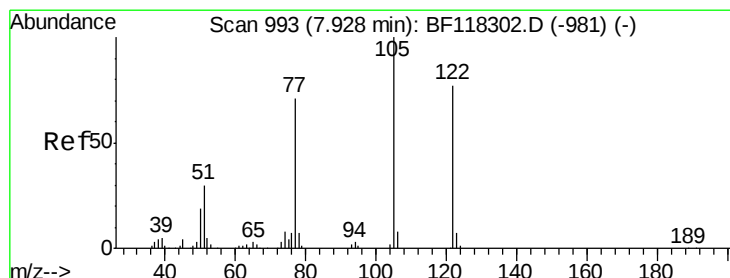
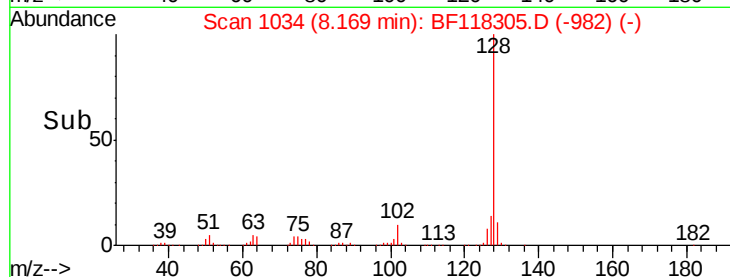
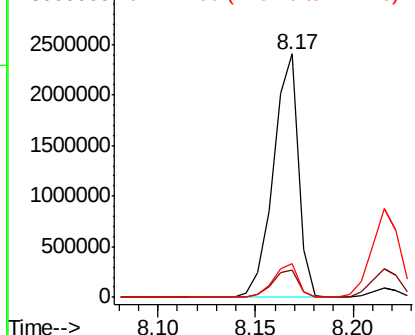
#31
Naphthalene
Concen: 76.437 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 2138516
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.8 11.0 16.4

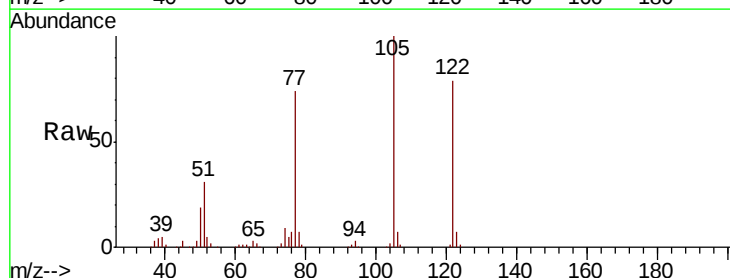


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

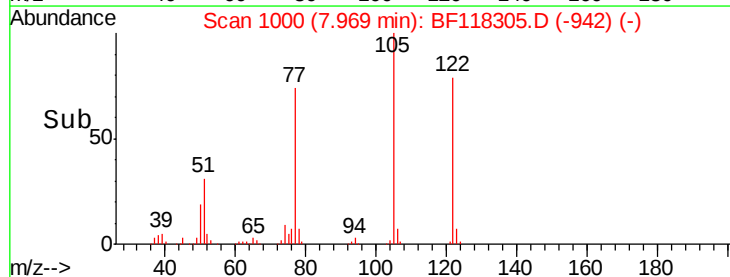
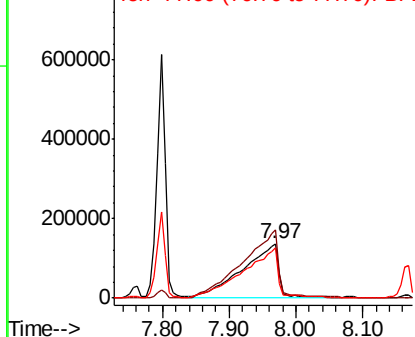


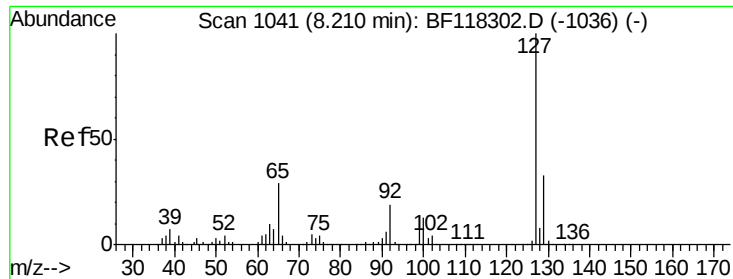
#32
Benzoic acid
Concen: 81.100 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:122 Resp: 507897
Ion Ratio Lower Upper
122 100
105 126.0 106.8 146.8
77 92.8 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

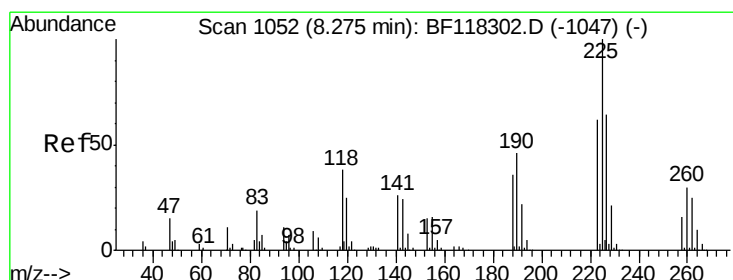
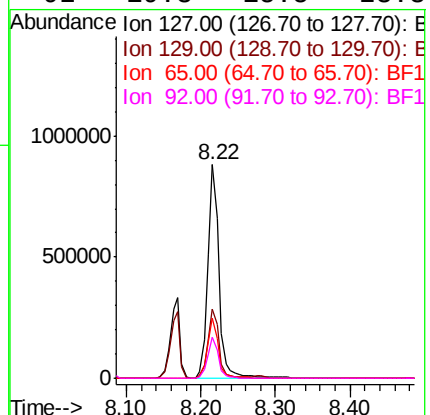
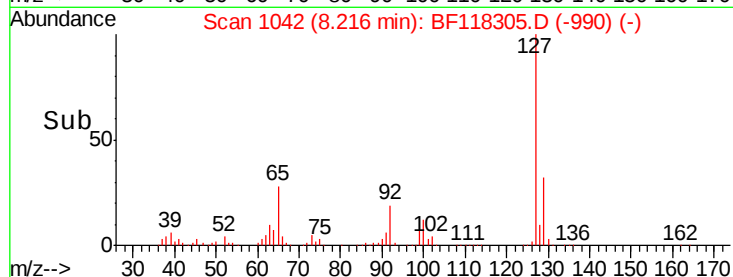
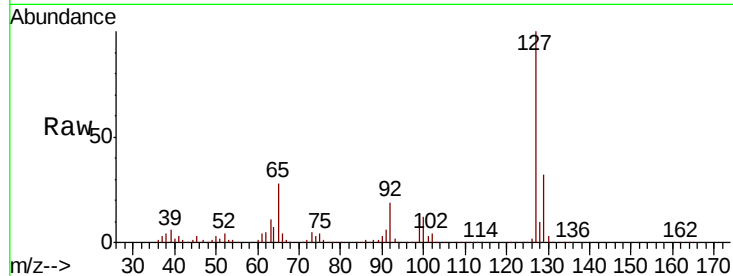




#33
4-Chloroaniline
Concen: 77.099 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

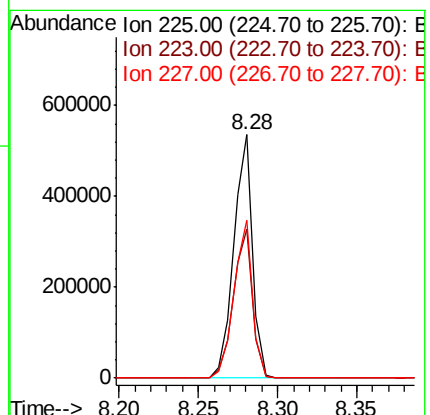
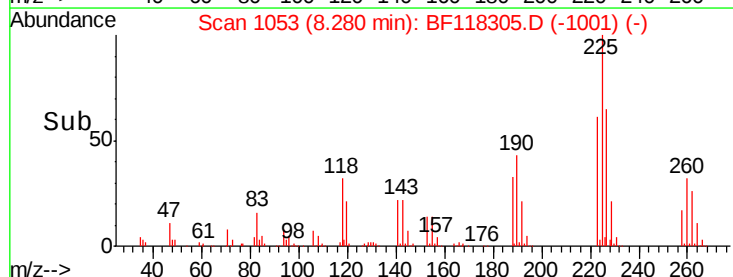
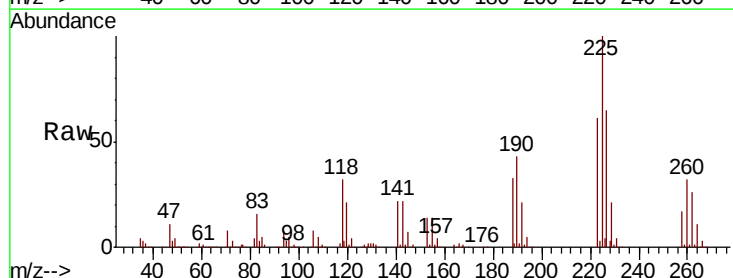
Instrument :
BNA_E
ClientSampled :

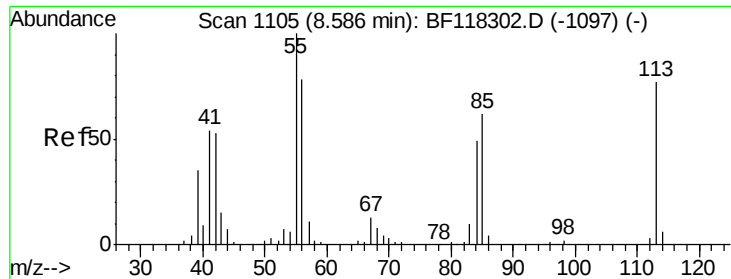
Tot Ion:	127	Resp:	931377
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	28.1	22.8	34.2
92	19.3	15.5	23.3



#34
Hexachlorobutadiene
Concen: 76.957 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:	225	Resp:	436076
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.5	74.3
227	64.7	51.0	76.4

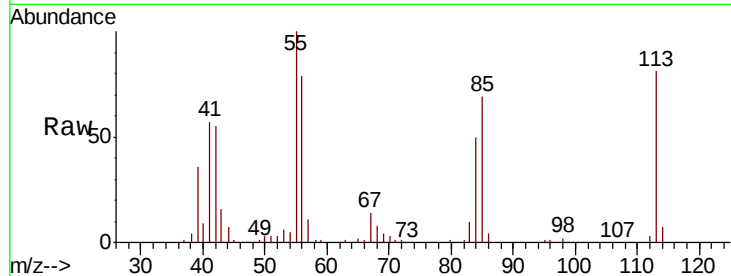




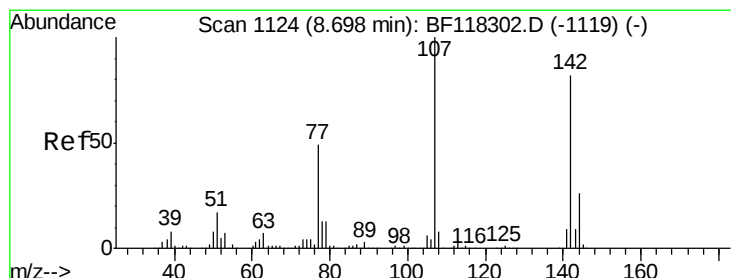
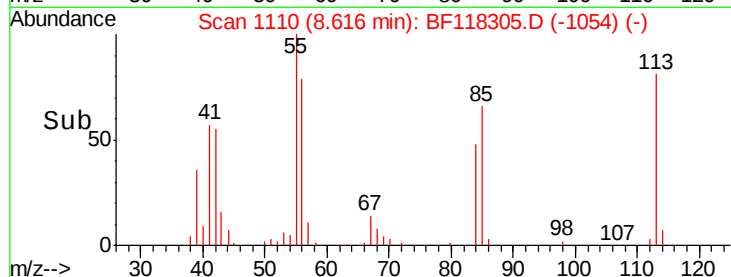
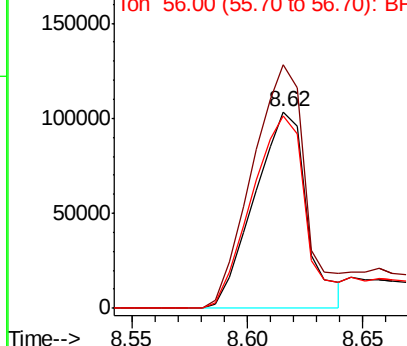
#35
Caprolactam
Concen: 65.469 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.03 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:113 Resp: 163253
Ion Ratio Lower Upper
113 100
55 123.7 109.8 149.8
56 97.7 81.7 121.7

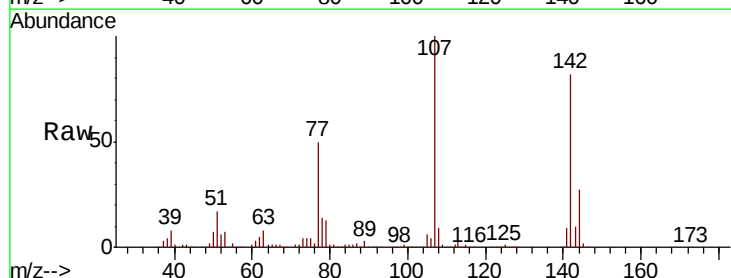


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

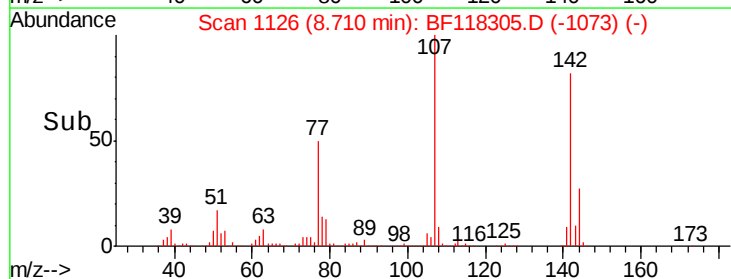
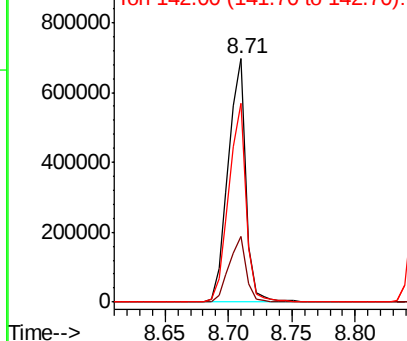


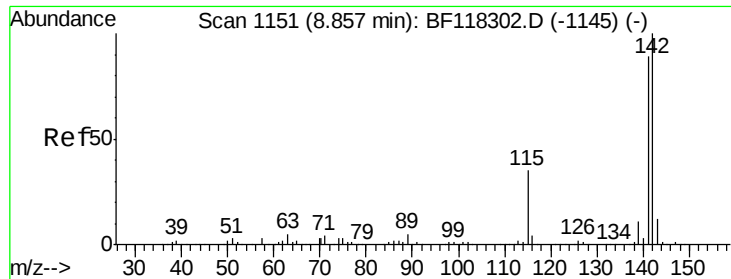
#36
4-Chloro-3-methylphenol
Concen: 79.177 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:107 Resp: 673734
Ion Ratio Lower Upper
107 100
144 27.1 21.2 31.8
142 81.7 65.4 98.2



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

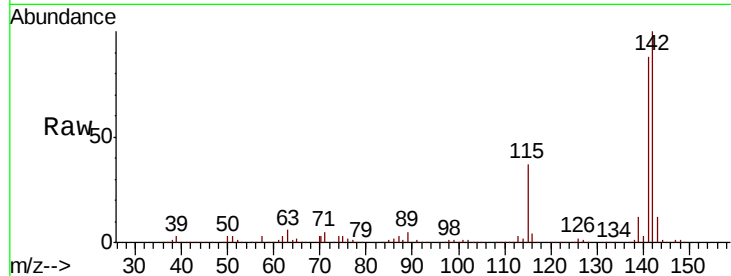




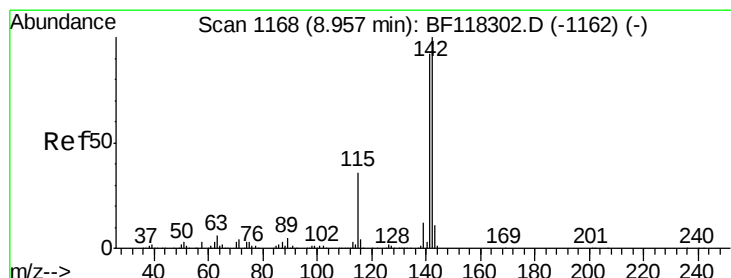
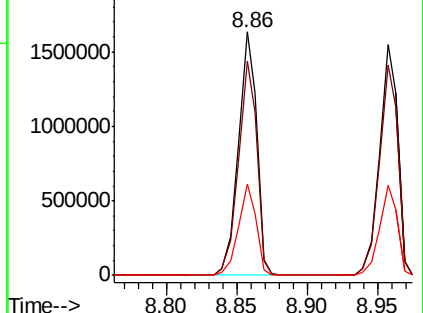
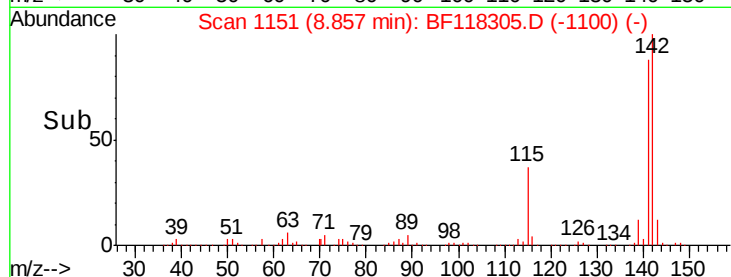
#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampled :

Tot Ion:142 Resp: 1471384
Ion Ratio Lower Upper
142 100
141 88.0 71.2 106.8
115 37.3 28.0 42.0

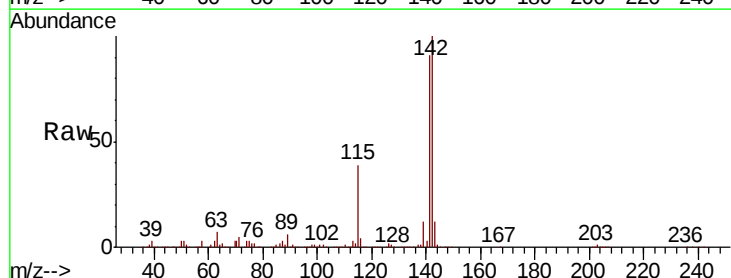


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

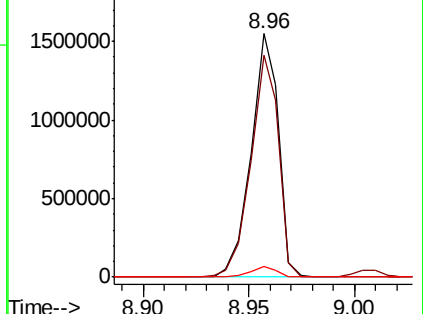
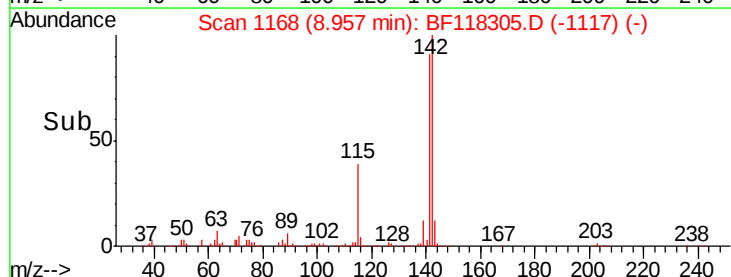


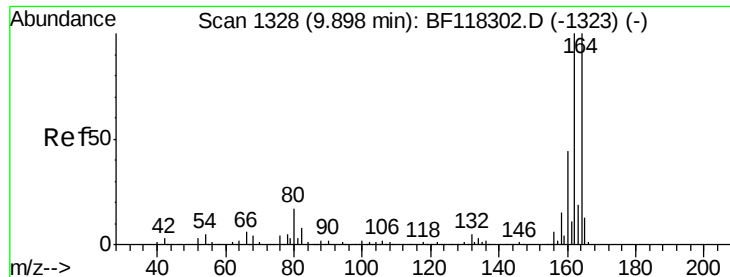
#38
1-Methylnaphthalene
Concen: 78.188 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:142 Resp: 1390531
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 4.2 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

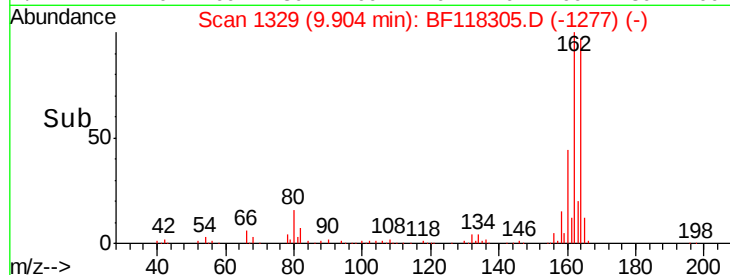
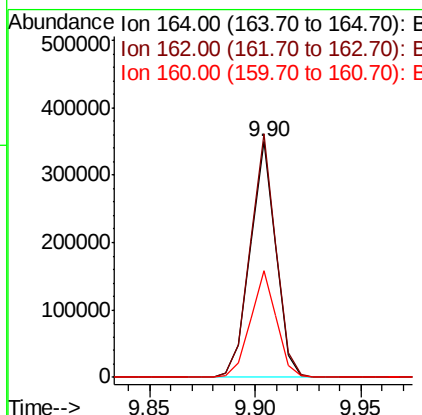
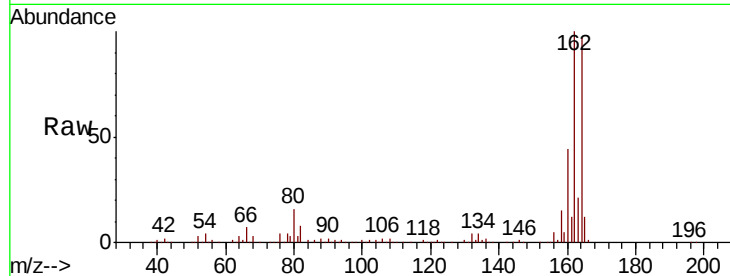




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

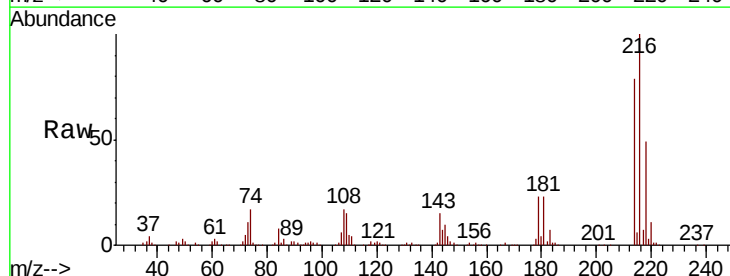
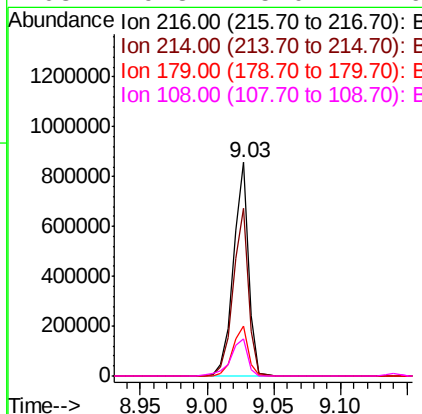
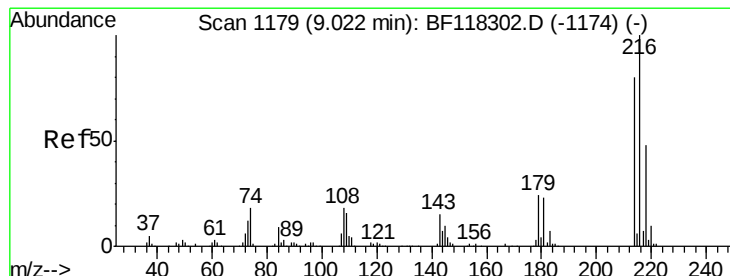
Instrument :
 BNA_E
 ClientSampleID :

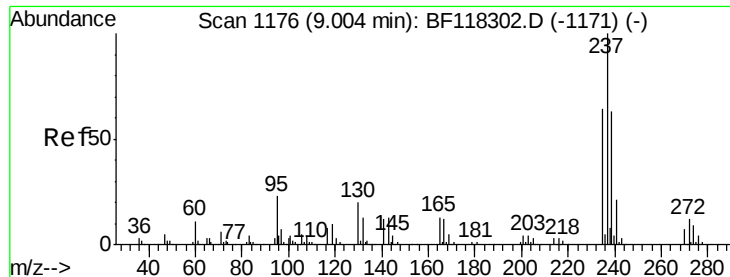
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.0	120.0
160	45.1	34.8	52.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 76.774 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.3	94.9
179	23.7	18.9	28.3
108	19.8	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 75.952 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

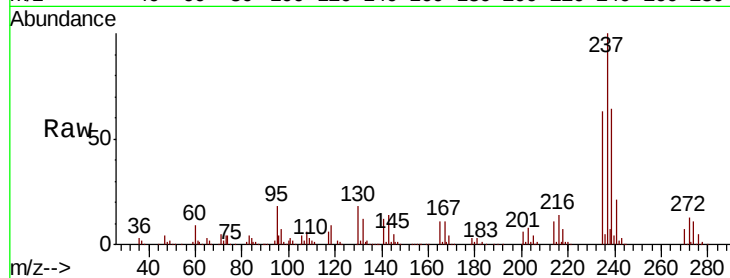
Tot Ion:237 Resp: 304725

Ion Ratio Lower Upper

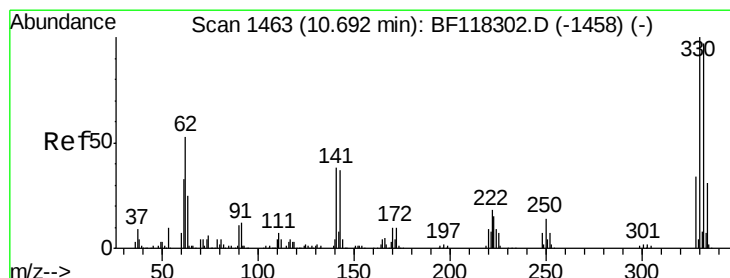
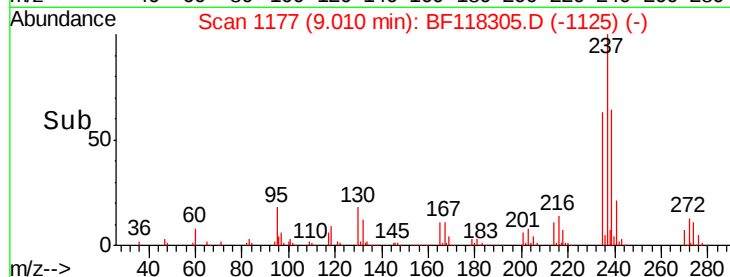
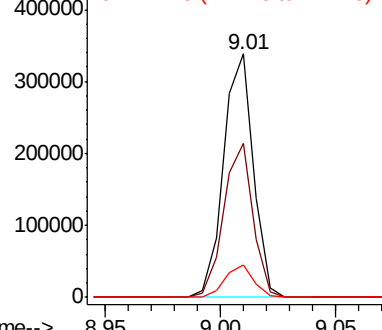
237 100

235 63.0 43.8 83.8

272 13.3 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: 157.834 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

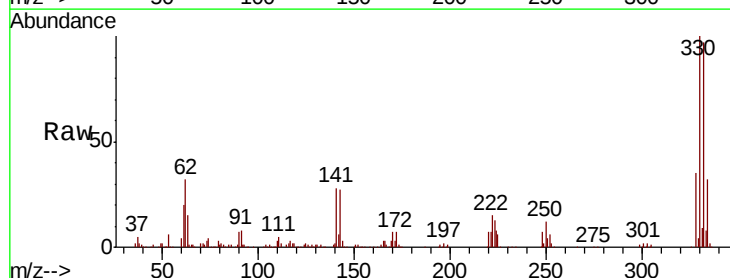
Tgt Ion:330 Resp: 566768

Ion Ratio Lower Upper

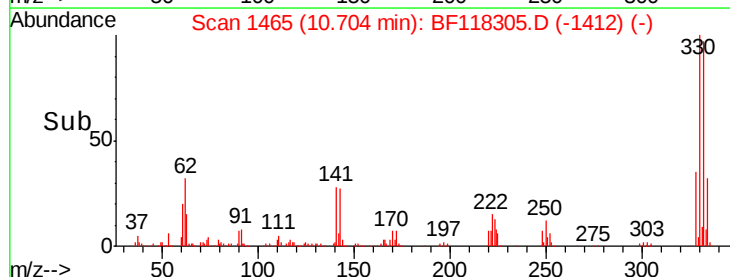
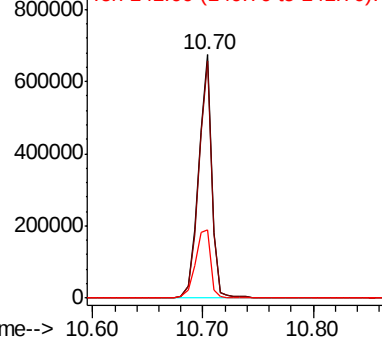
330 100

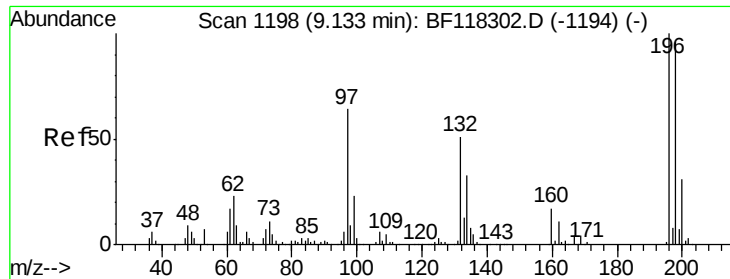
332 96.8 76.6 114.8

141 32.4 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

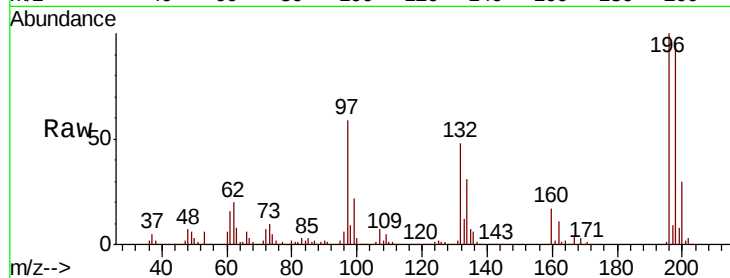




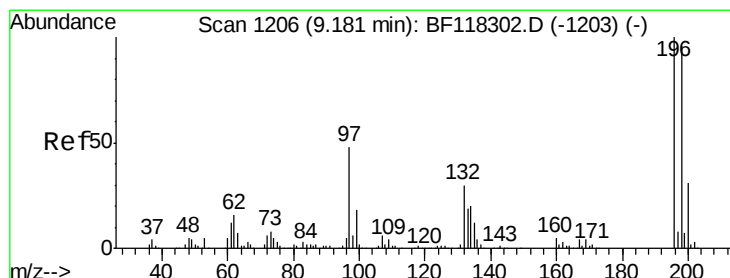
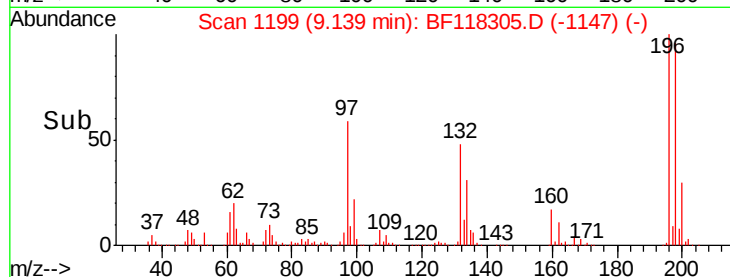
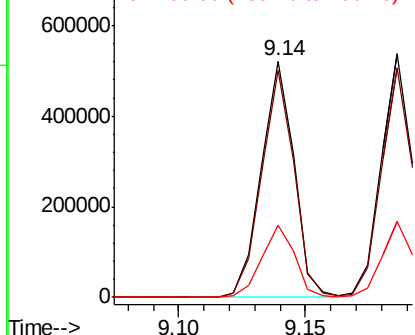
#43
 2,4,6-Trichlorophenol
 Concen: 78.990 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:196 Resp: 472266
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.7 115.1
 200 30.5 24.8 37.2



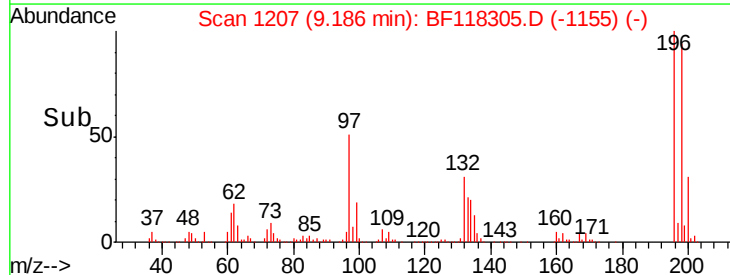
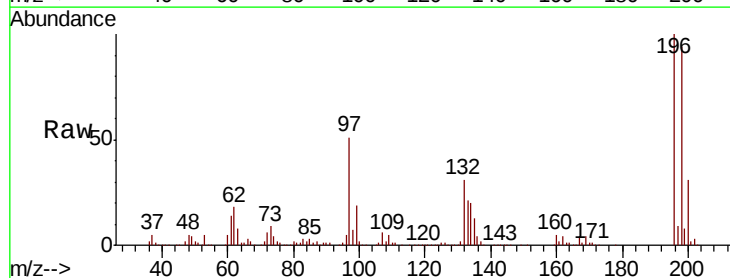
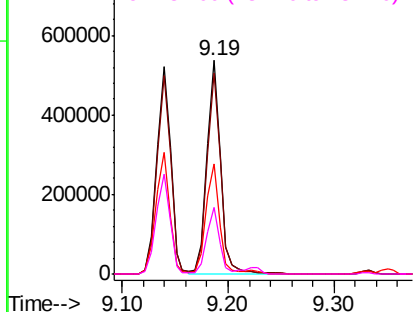
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

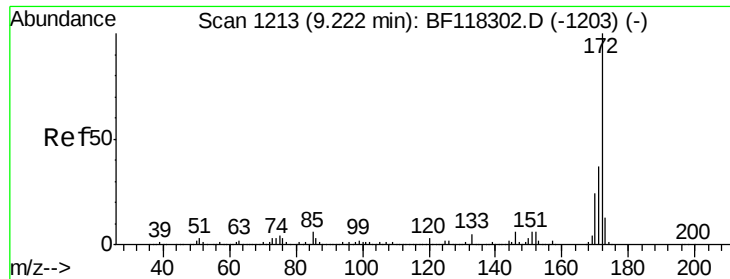


#44
 2,4,5-Trichlorophenol
 Concen: 78.006 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:196 Resp: 483190
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.0 115.4
 97 51.4 38.9 58.3
 132 31.3 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



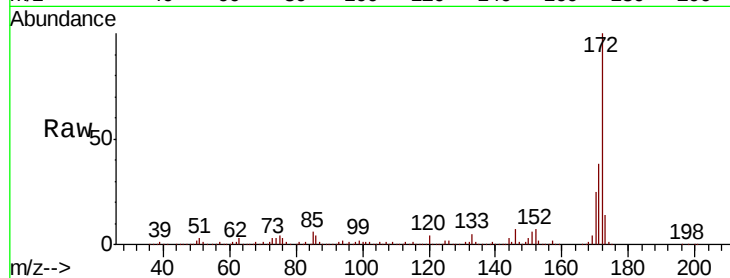


#45
 2-Fluorobiphenyl
 Concen: 147.483 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

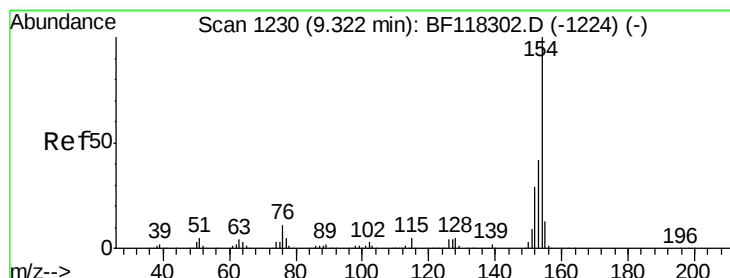
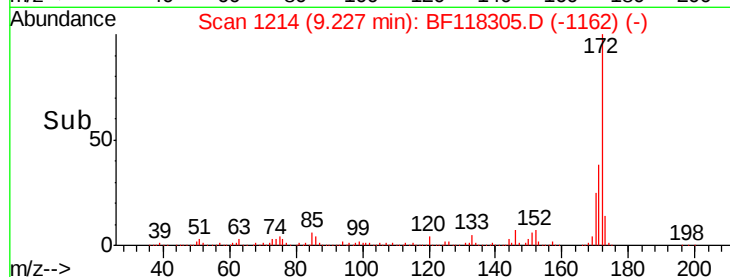
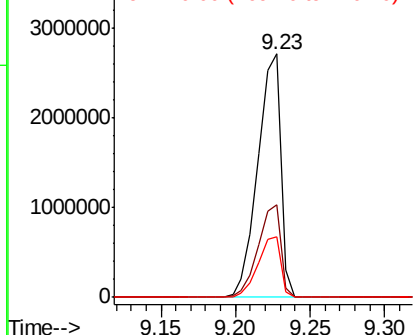
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 2864996

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.3	43.9
170	25.1	19.2	28.8



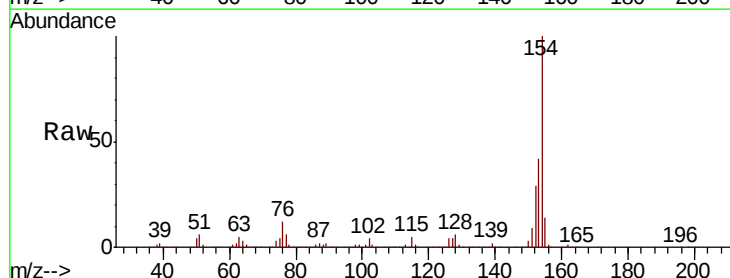
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



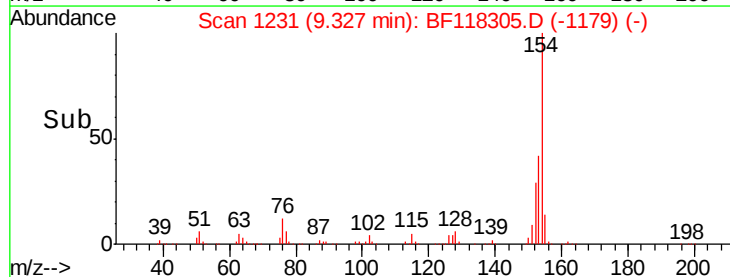
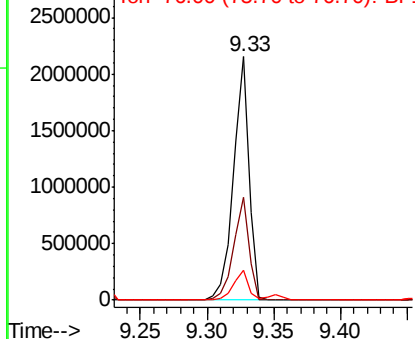
#46
 1,1'-Biphenyl
 Concen: 76.428 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

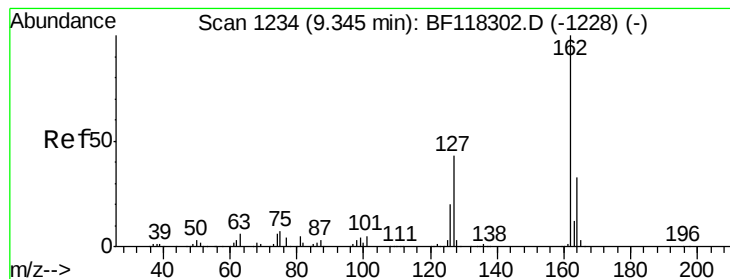
Tgt Ion:154 Resp: 1781765

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.8	61.8
76	12.1	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: 77.127 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

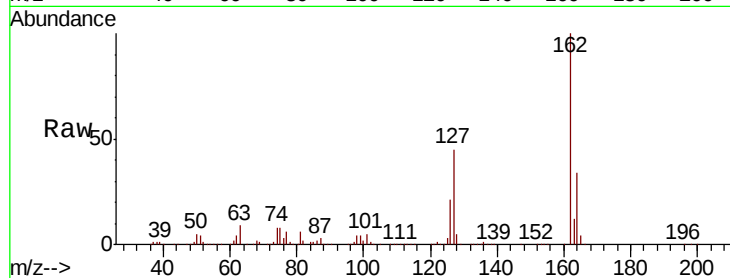
Tot Ion:162 Resp: 1446379

Ion Ratio Lower Upper

162 100

127 45.1 35.0 52.4

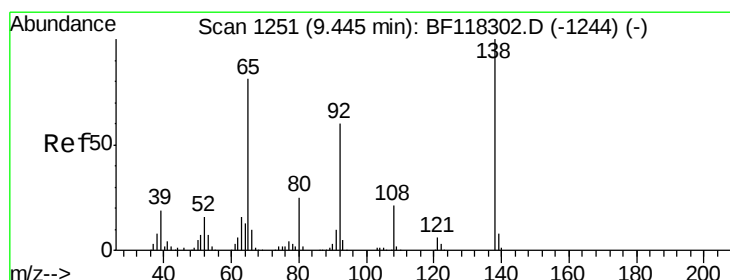
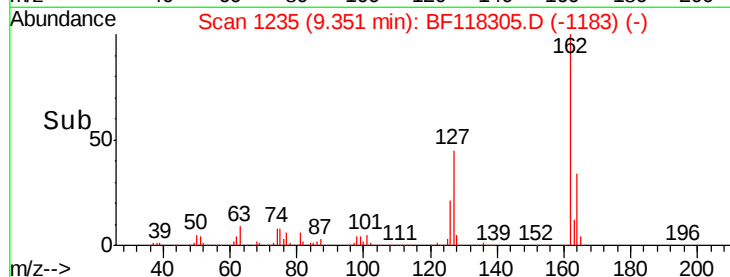
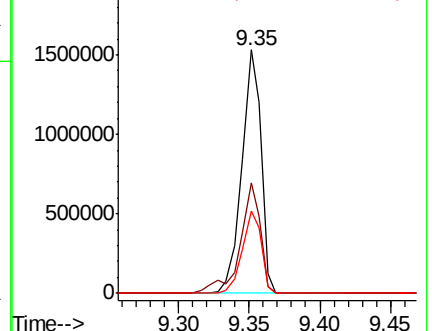
164 34.0 26.6 40.0



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: 79.082 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

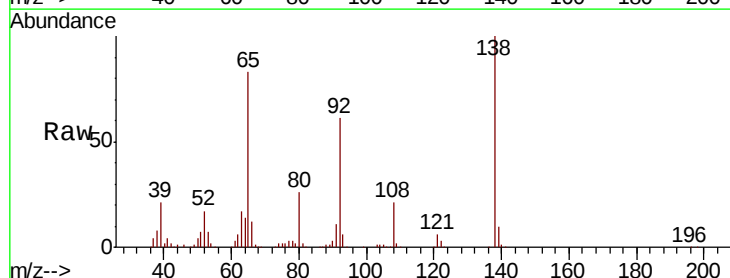
Tgt Ion: 65 Resp: 422924

Ion Ratio Lower Upper

65 100

92 73.8 58.7 88.1

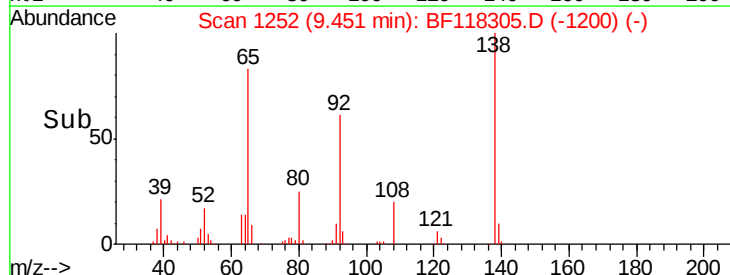
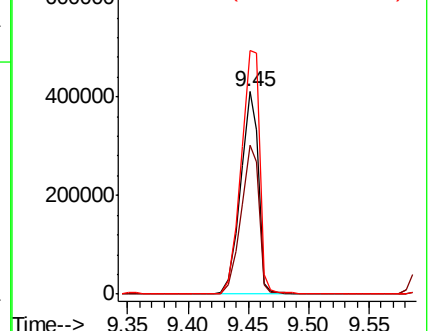
138 120.2 98.5 147.7

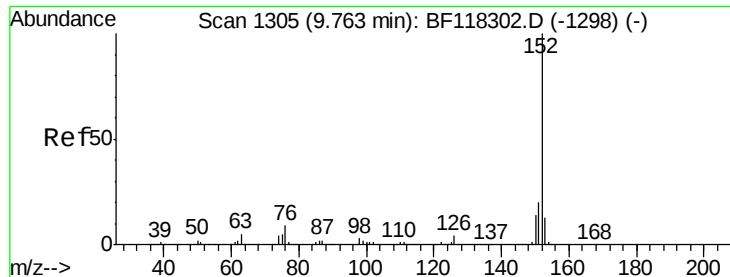


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 76.186 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

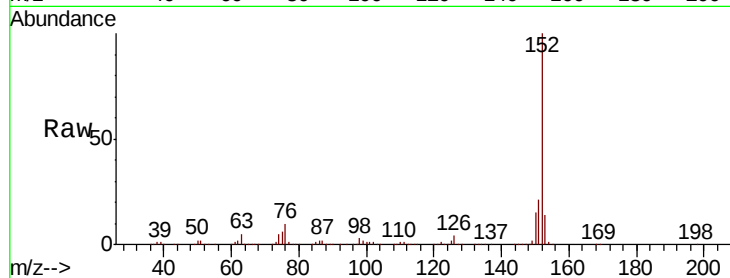
Tot Ion:152 Resp: 2107271

Ion Ratio Lower Upper

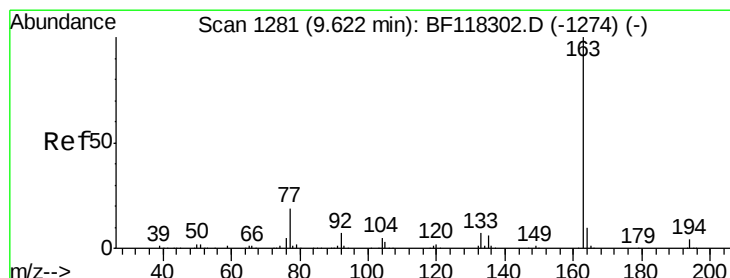
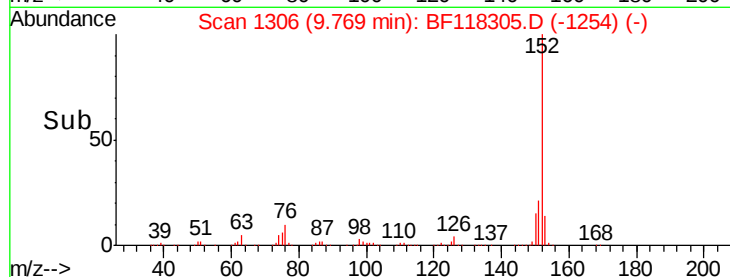
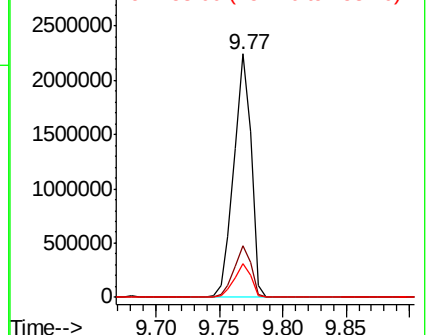
152 100

151 21.1 16.2 24.2

153 14.1 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: 78.853 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

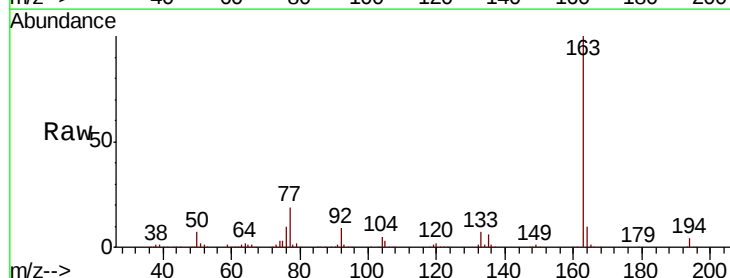
Tgt Ion:163 Resp: 1721646

Ion Ratio Lower Upper

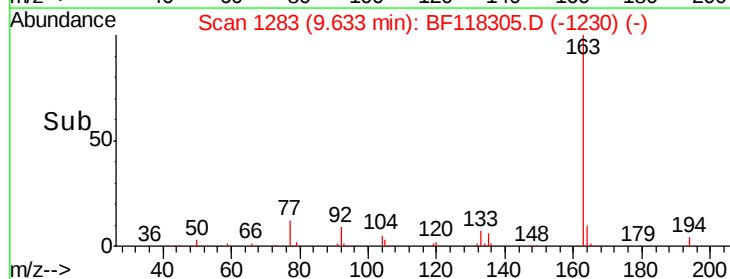
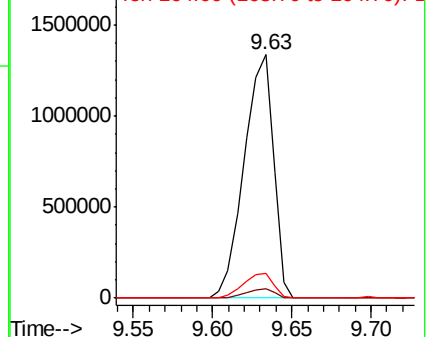
163 100

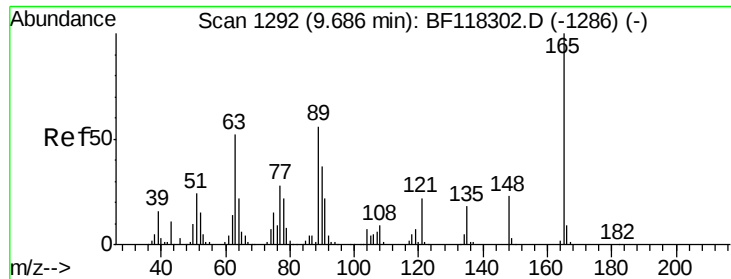
194 3.9 3.2 4.8

164 10.3 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

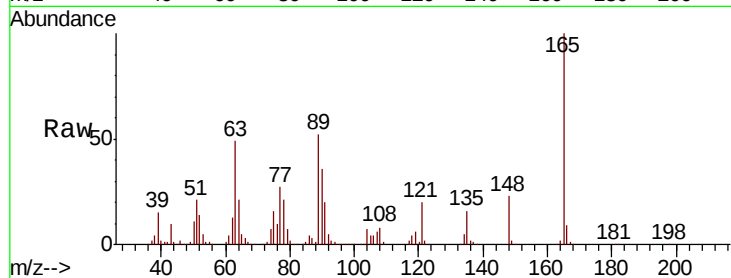




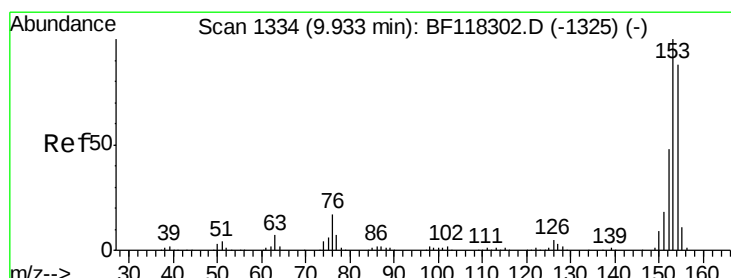
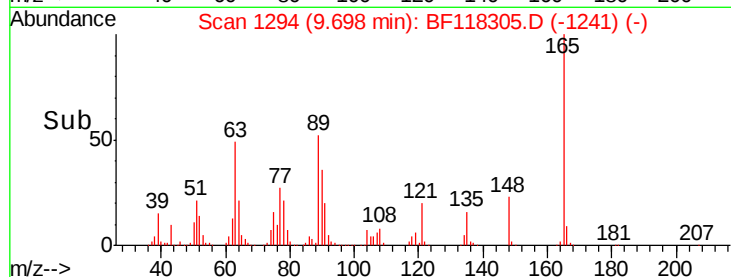
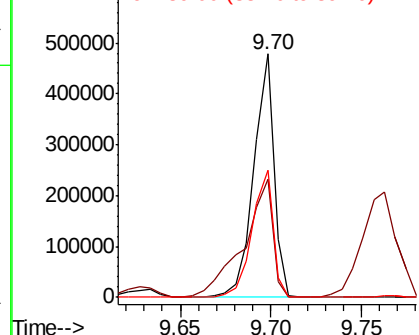
#51
 2,6-Dinitrotoluene
 Concen: 78.242 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:165 Resp: 371465
 Ion Ratio Lower Upper
 165 100
 63 48.6 42.2 63.4
 89 52.1 44.4 66.6

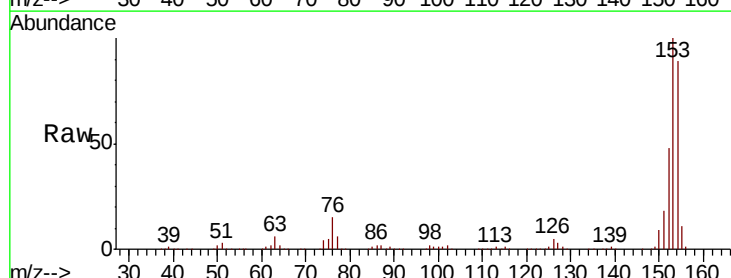


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

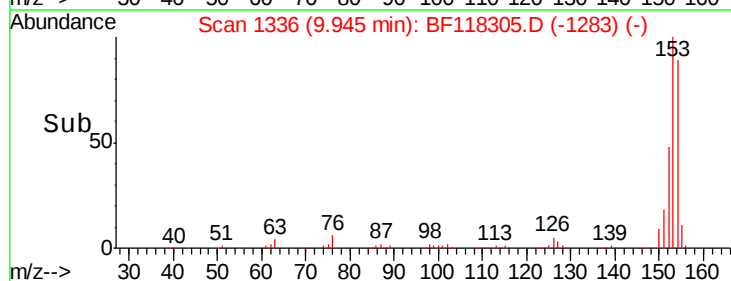
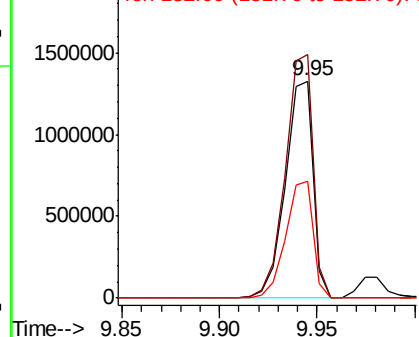


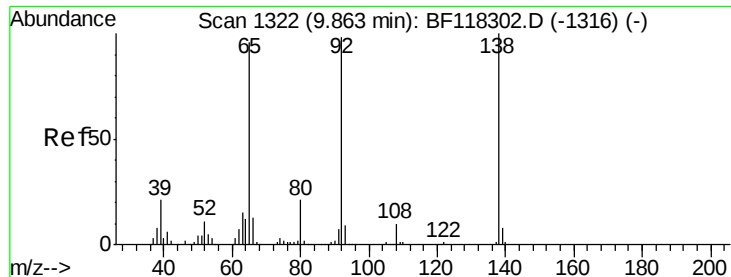
#52
 Acenaphthene
 Concen: 77.262 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:154 Resp: 1304380
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.6 136.0
 152 53.8 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

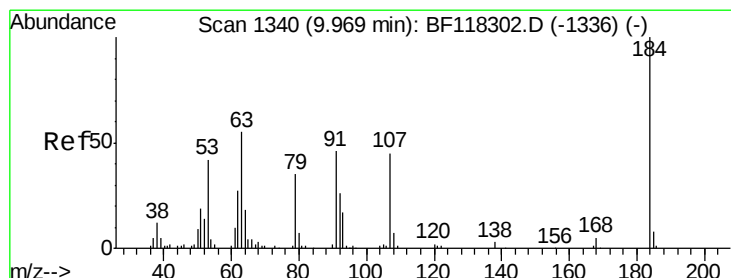
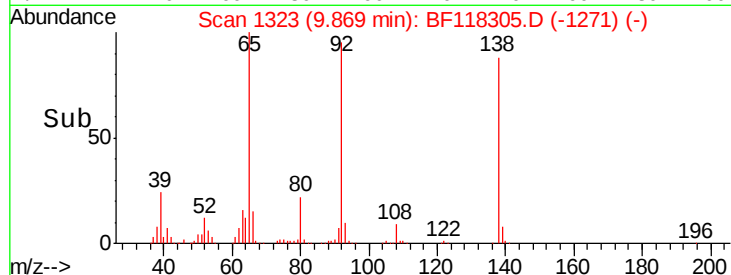
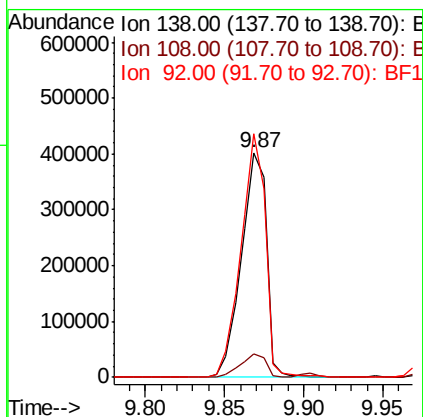
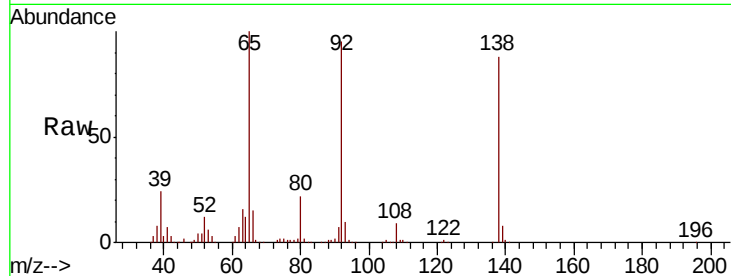




#53
 3-Nitroaniline
 Concen: 78.737 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

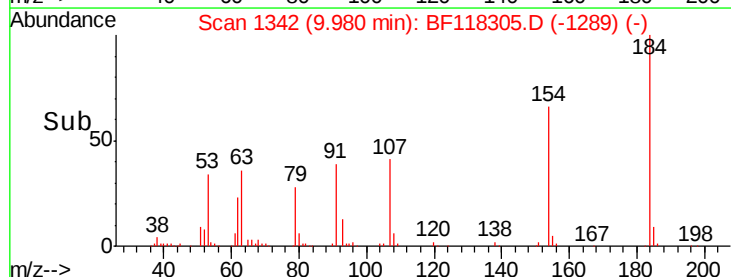
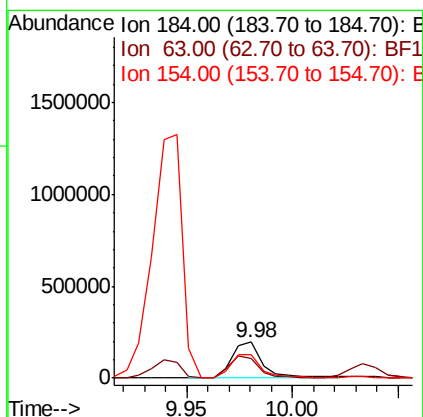
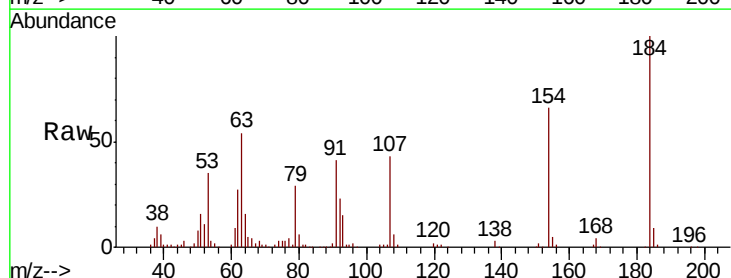
Instrument :
 BNA_E
 ClientSampleId :

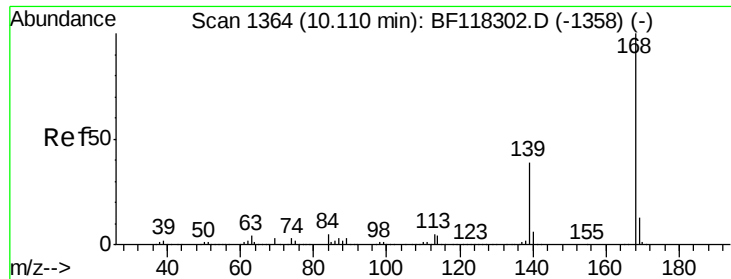
Tot Ion:138 Resp: 439923
 Ion Ratio Lower Upper
 138 100
 108 10.5 7.8 11.8
 92 108.4 78.2 117.2



#54
 2,4-Dinitrophenol
 Concen: 84.183 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:184 Resp: 198840
 Ion Ratio Lower Upper
 184 100
 63 53.6 48.8 73.2
 154 65.8 55.0 82.4

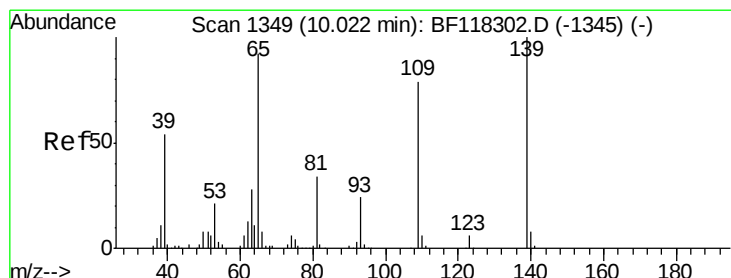
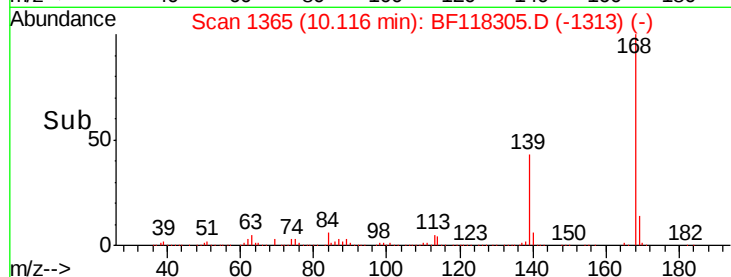
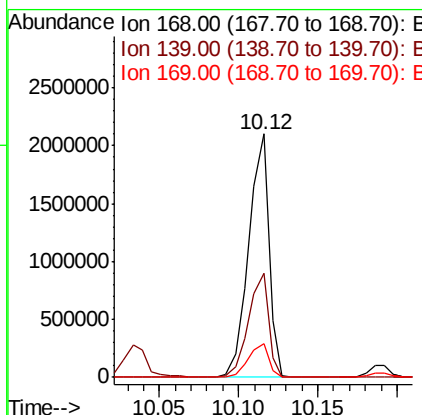
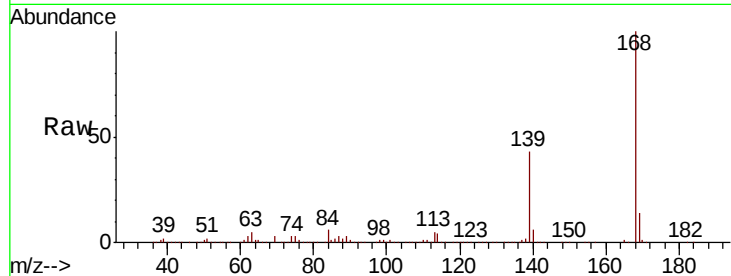




#55
Dibenzenofuran
Concen: 75.088 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

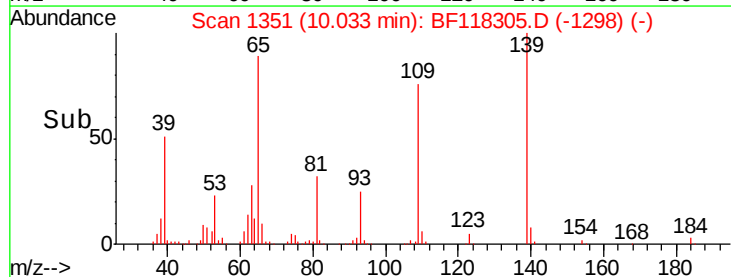
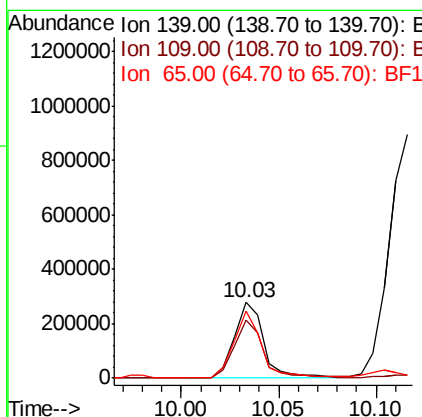
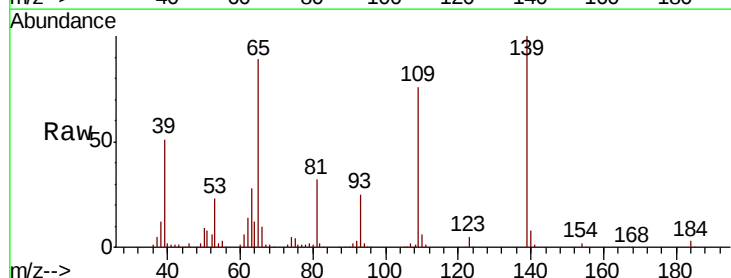
Instrument :
BNA_E
ClientSampleId :

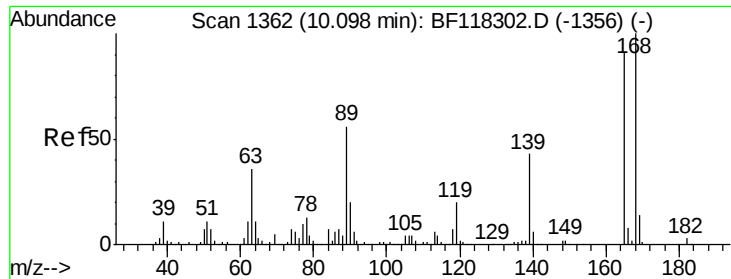
Tot Ion:168 Resp: 1857511
Ion Ratio Lower Upper
168 100
139 42.5 31.5 47.3
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 74.860 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:139 Resp: 290266
Ion Ratio Lower Upper
139 100
109 76.5 59.3 99.3
65 88.9 72.4 112.4

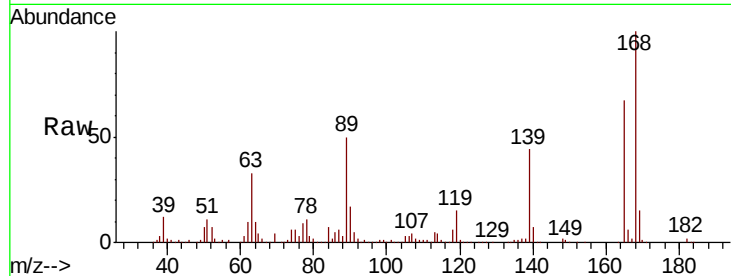




#57
2,4-Dinitrotoluene
Concen: 78.346 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	32.0	48.0#
89	74.8	49.3	73.9#
182	2.7	2.4	3.6



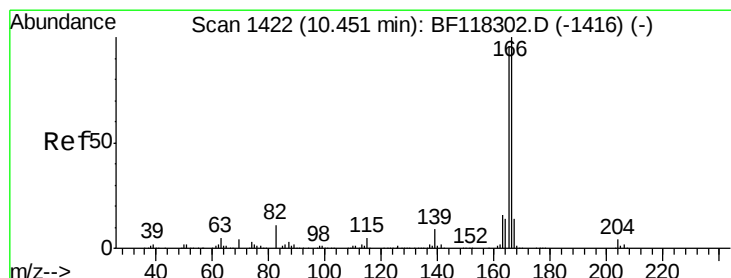
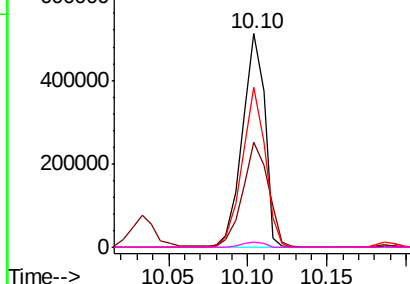
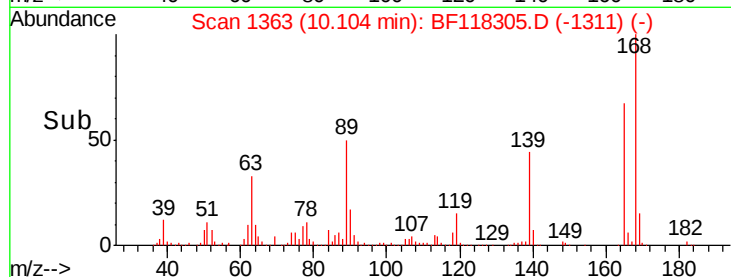
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

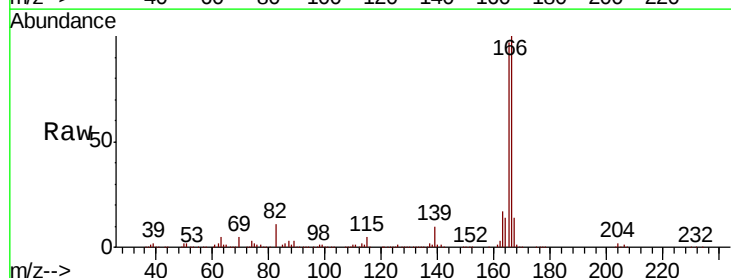
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 78.326 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.9	10.9	16.3

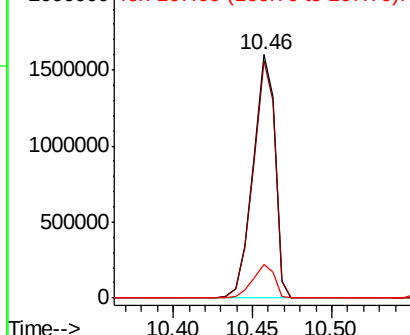
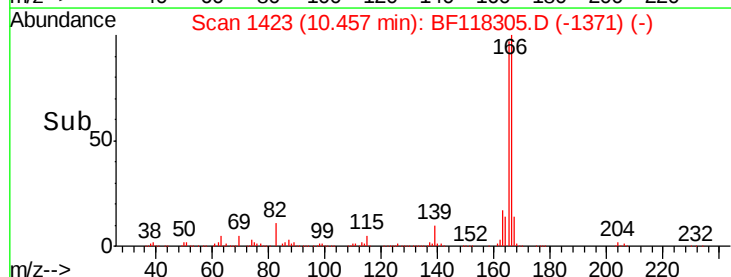


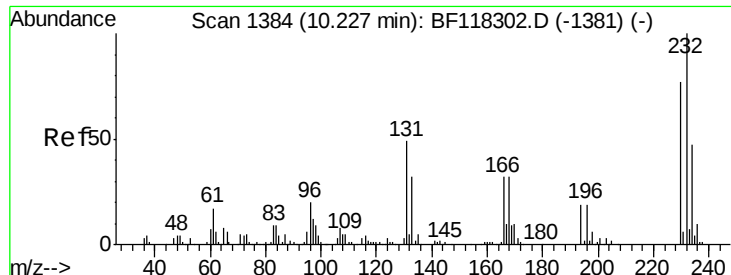
Abundance

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

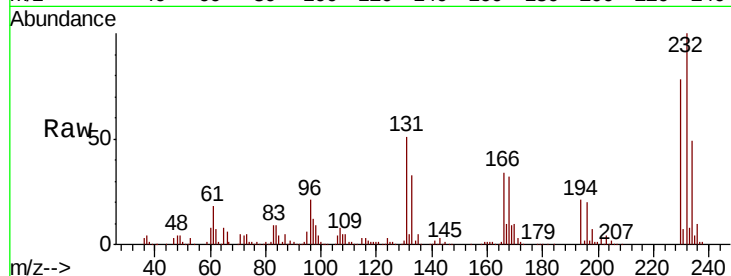




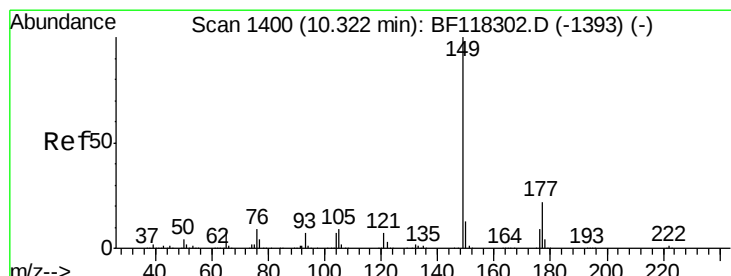
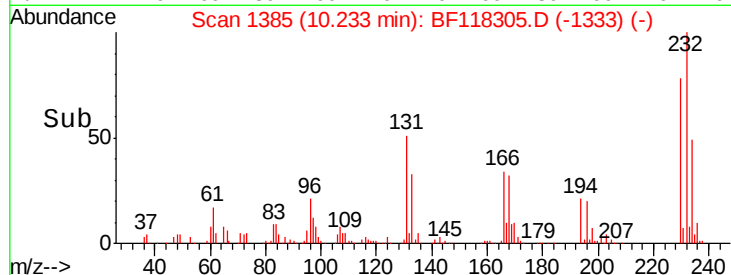
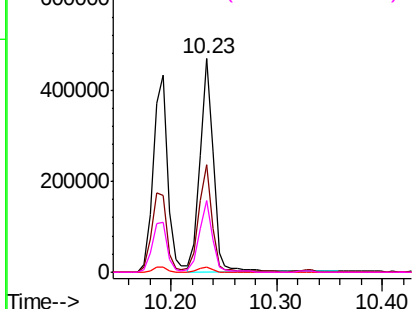
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 79.188 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:232 Resp: 404681
 Ion Ratio Lower Upper
 232 100
 131 48.8 37.7 56.5
 130 2.5 2.0 3.0
 166 32.6 24.7 37.1

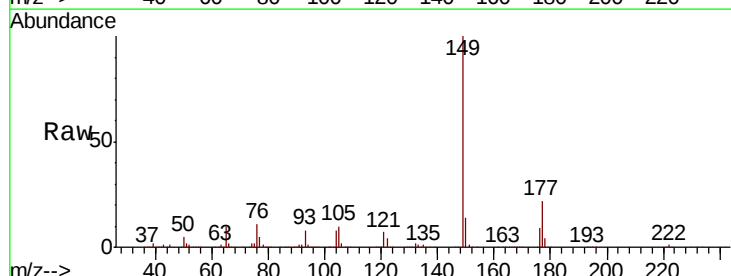


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

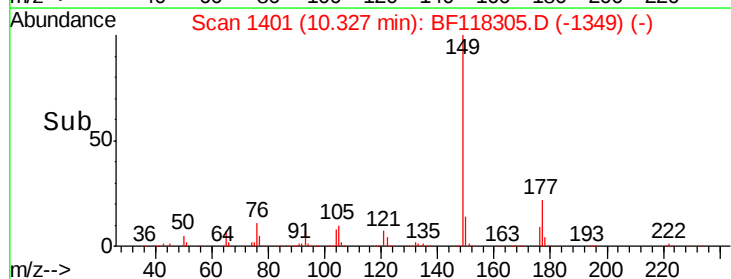
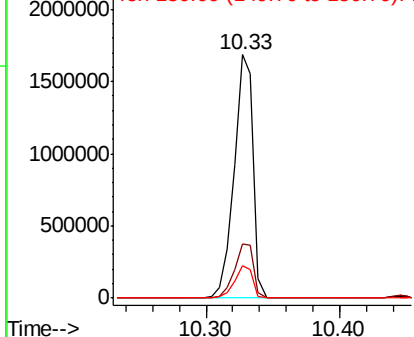


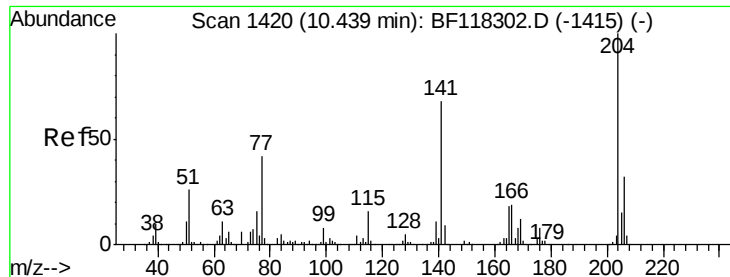
#60
 Diethylphthalate
 Concen: 77.858 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:149 Resp: 1674855
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.9 26.9
 150 13.5 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

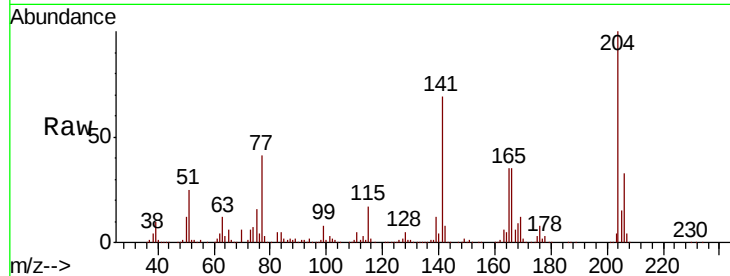




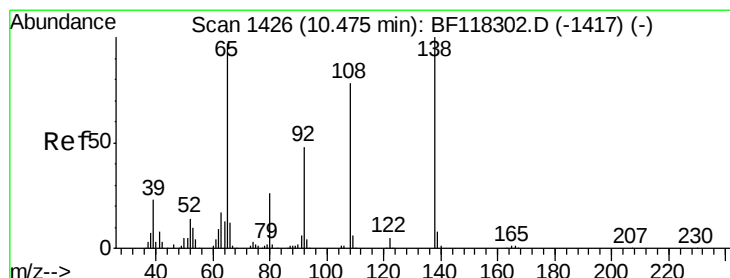
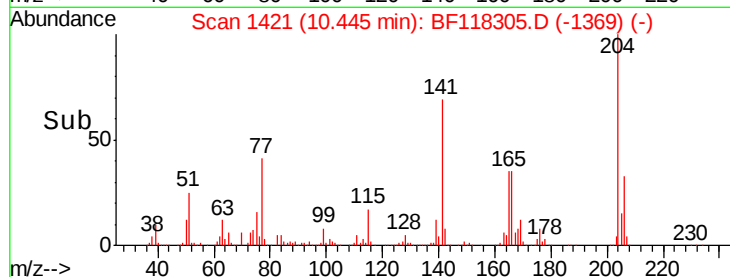
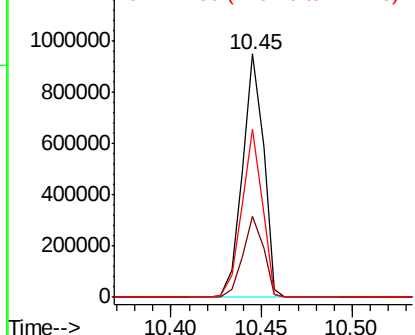
#61
4-Chlorophenyl-phenylether
Concen: 77.729 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 768856
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 68.8 54.2 81.4

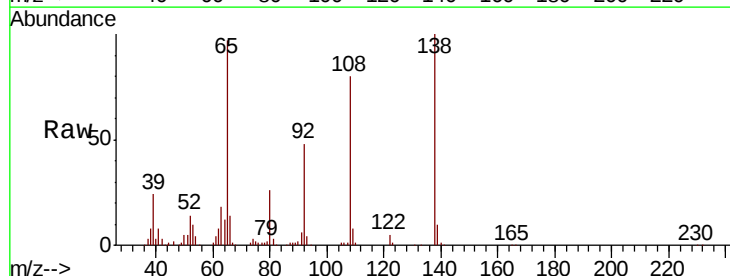


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

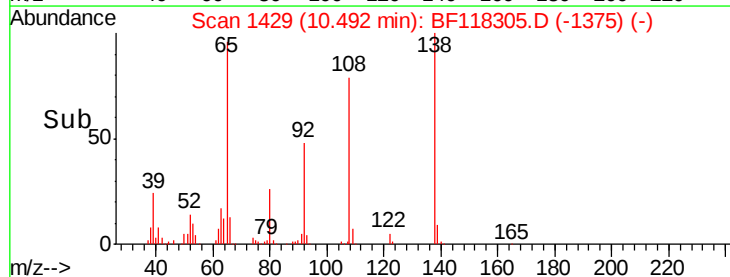
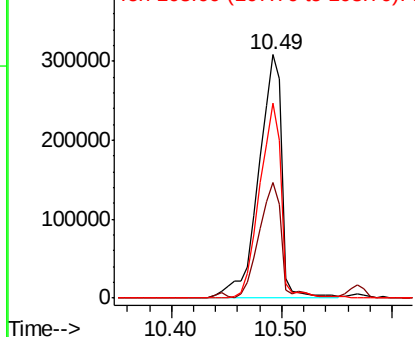


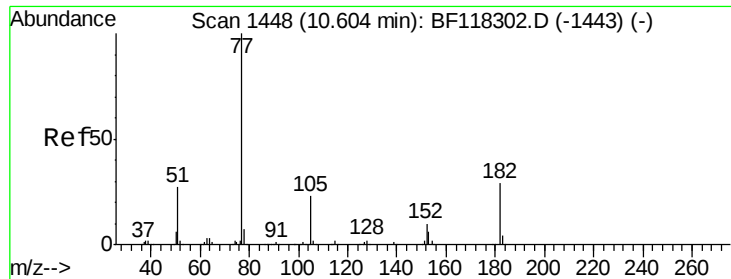
#62
4-Nitroaniline
Concen: 77.894 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:138 Resp: 453905
Ion Ratio Lower Upper
138 100
92 47.7 27.9 67.9
108 79.9 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: 77.266 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 1418905

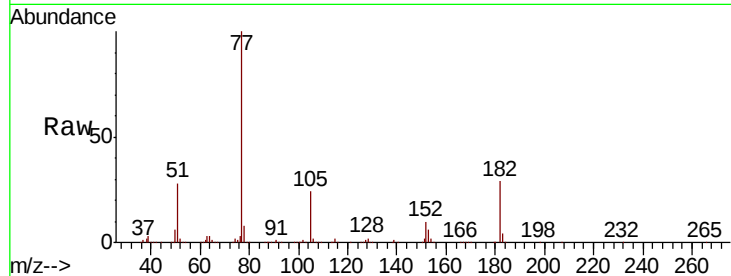
Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.2	49.2
105	23.8	3.2	43.2
51	28.2	7.1	47.1

77 100

182 29.0 9.2 49.2

105 23.8 3.2 43.2

51 28.2 7.1 47.1



Abundance

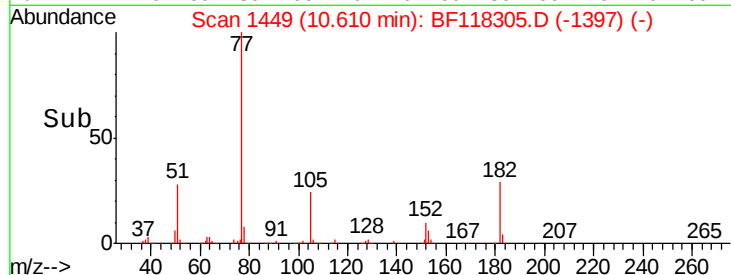
Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



10.61

1500000

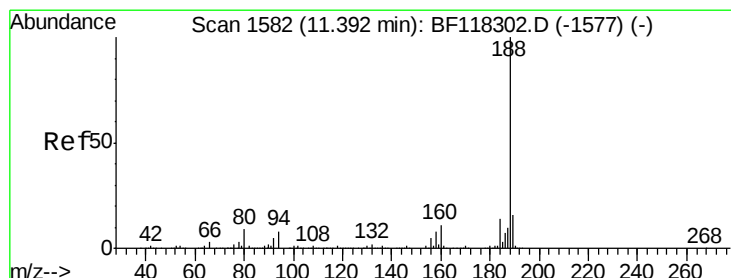
1000000

500000

0

10.55 10.60 10.65 10.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

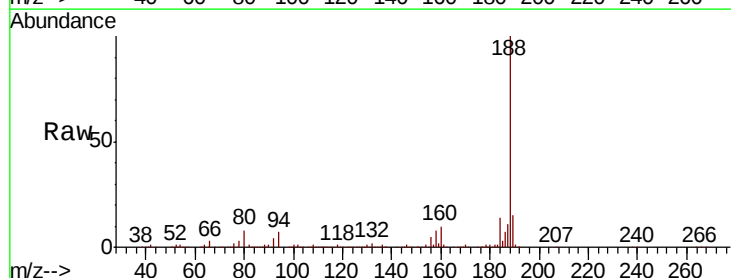
Tgt Ion: 188 Resp: 542206

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	8.0	7.2	10.8

188 100

94 7.2 6.7 10.1

80 8.0 7.2 10.8



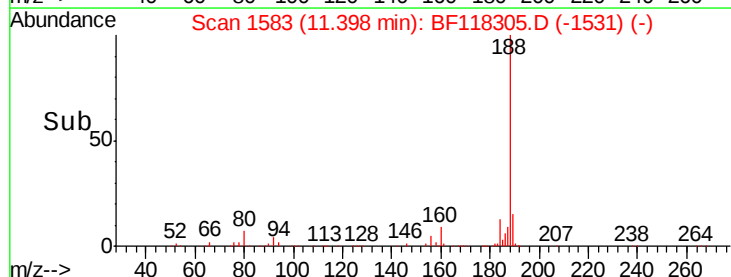
Abundance

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

Time-->



11.40

800000

600000

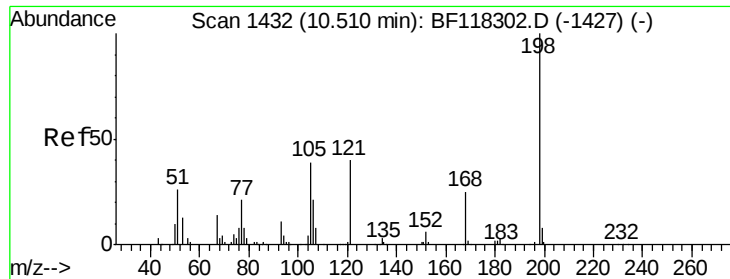
400000

200000

0

11.35 11.40 11.45

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 84.639 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

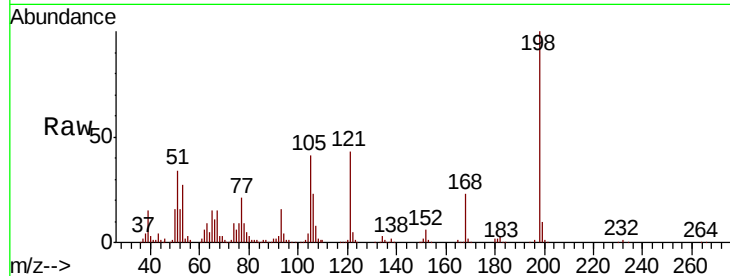
Instrument :

BNA_E

ClientSampled :

Tot Ion:198 Resp: 253440

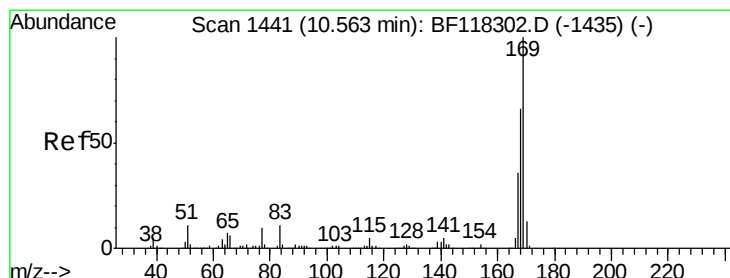
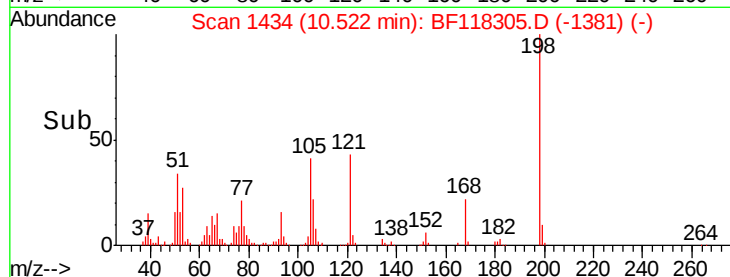
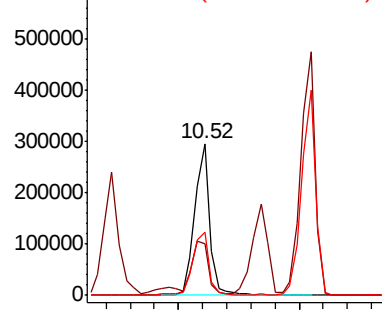
Ion	Ratio	Lower	Upper
198	100		
51	34.1	12.8	52.8
105	41.4	20.3	60.3



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: 79.803 ng

RT: 10.57 min Scan# 1442

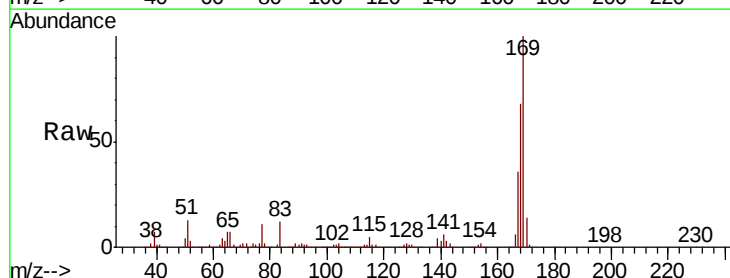
Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Tgt Ion:169 Resp: 1351238

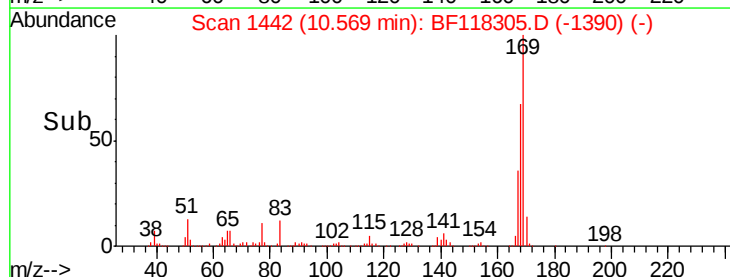
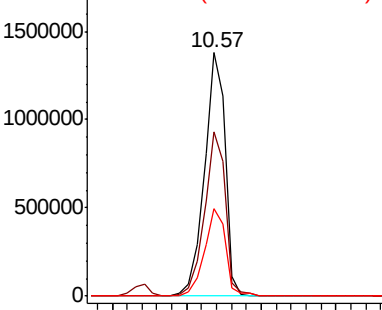
Ion	Ratio	Lower	Upper
169	100		
168	67.7	52.6	79.0
167	35.8	28.4	42.6

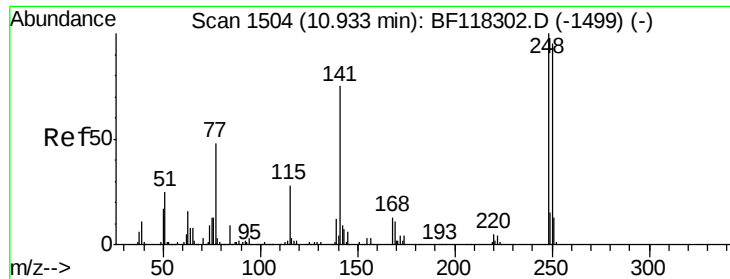


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

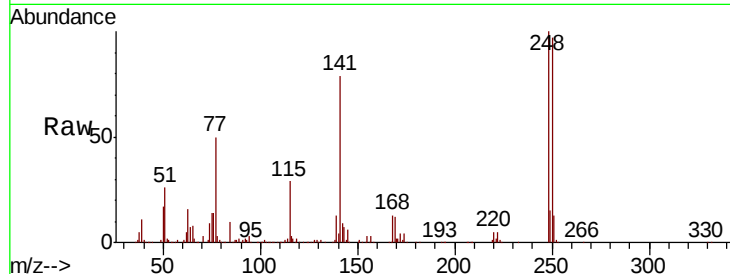




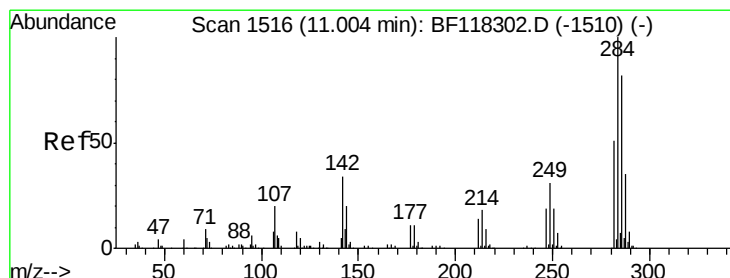
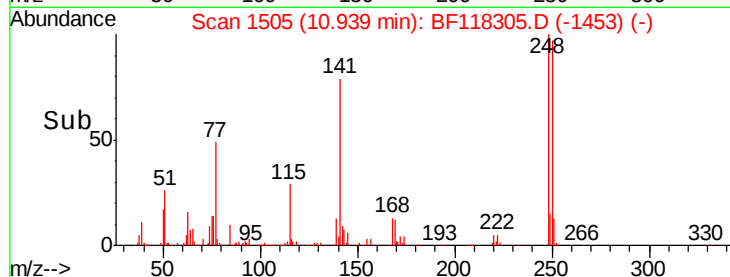
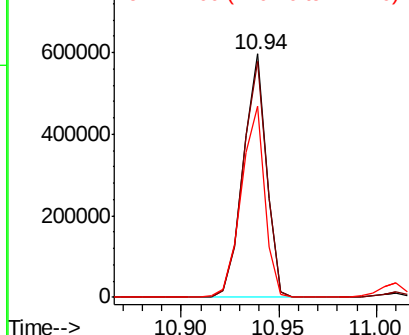
#67
 4-Bromophenyl-phenylether
 Concen: 79.753 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:248	Resp:	493623
Ion Ratio	Lower	Upper
248	100	
250	97.1	76.4 114.6
141	78.6	60.2 90.2

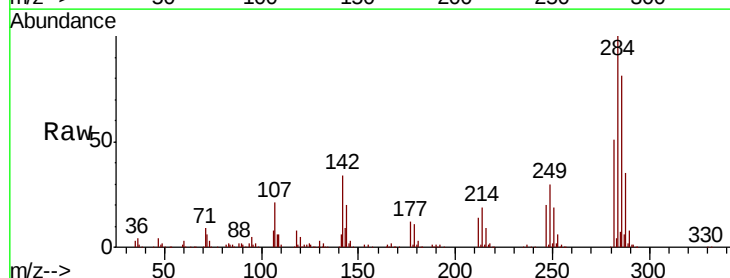


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

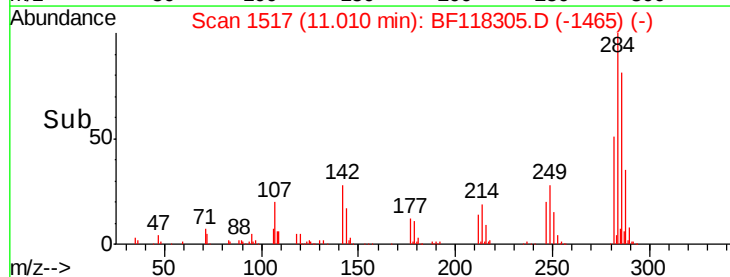
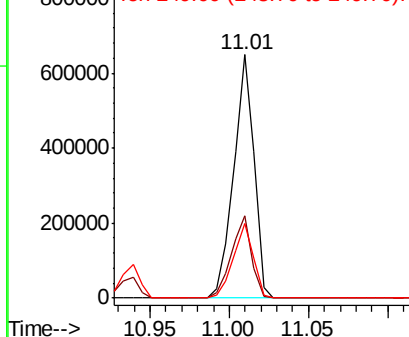


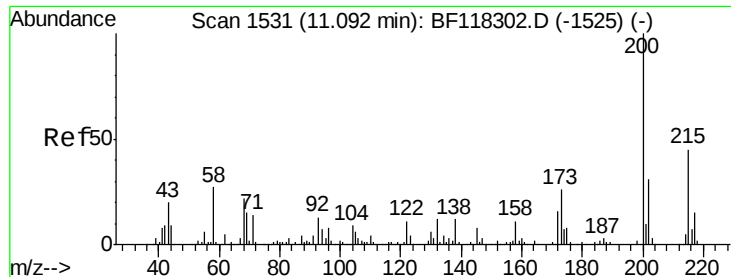
#68
 Hexachlorobenzene
 Concen: 79.248 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:284	Resp:	577324
Ion Ratio	Lower	Upper
284	100	
142	34.1	27.3 40.9
249	30.4	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

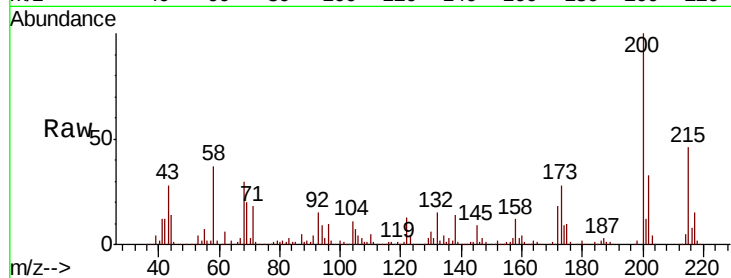




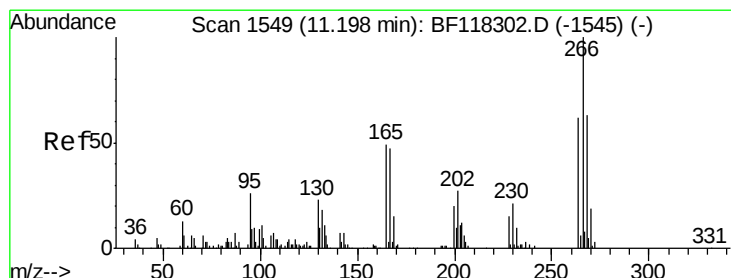
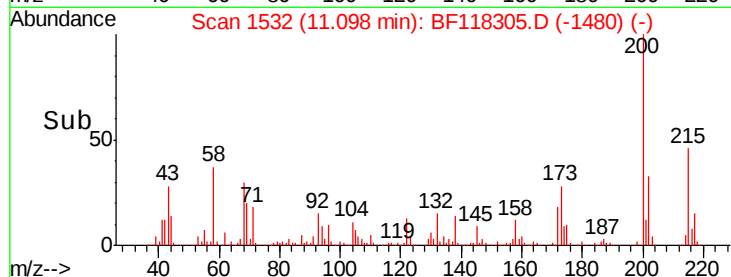
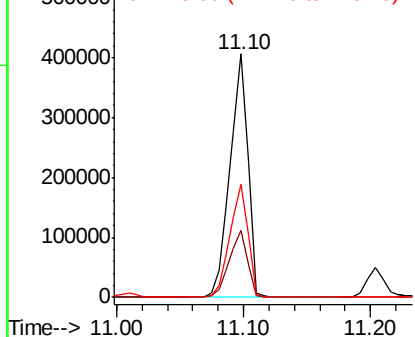
#69
Atrazine
Concen: 91.887 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	5.8	45.8
215	46.4	25.1	65.1

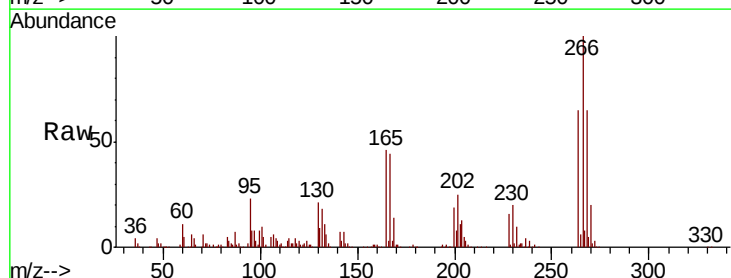


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

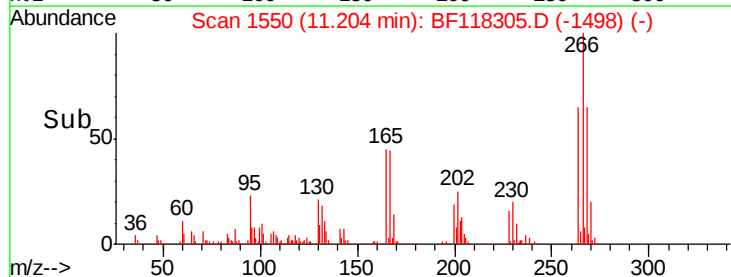
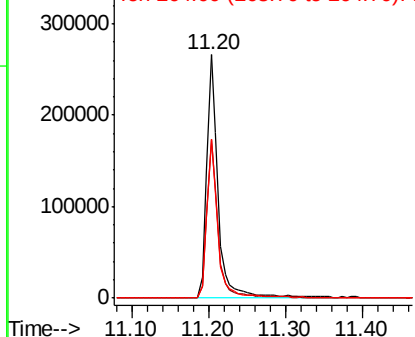


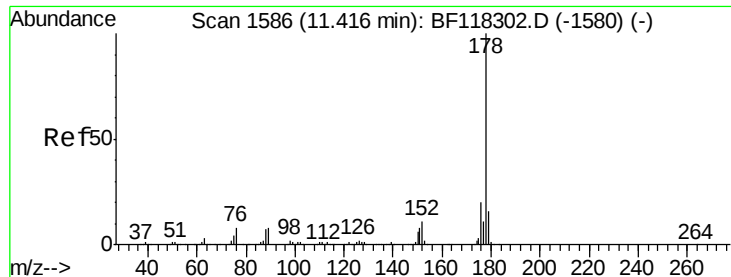
#70
Pentachlorophenol
Concen: 80.527 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	76.0
264	65.4	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: 76.843 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

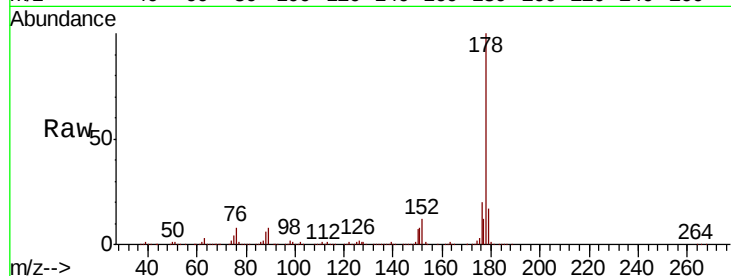
Tot Ion:178 Resp: 2214862

Ion Ratio Lower Upper

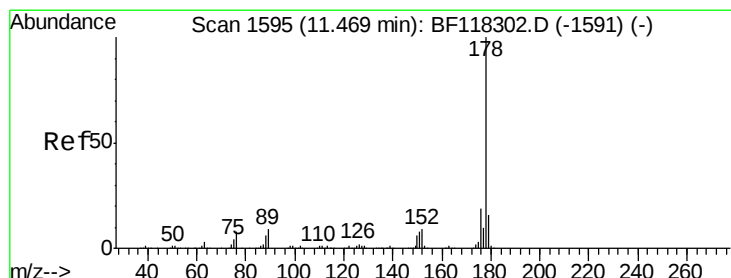
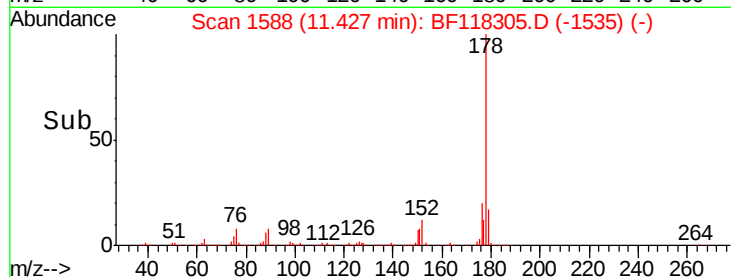
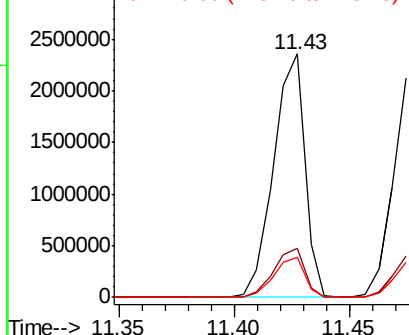
178 100

176 20.4 15.6 23.4

179 16.5 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: 77.221 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

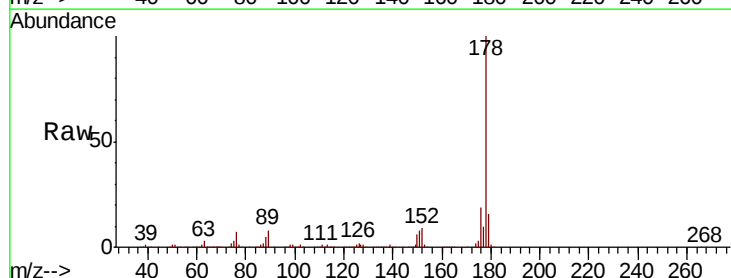
Tgt Ion:178 Resp: 2220350

Ion Ratio Lower Upper

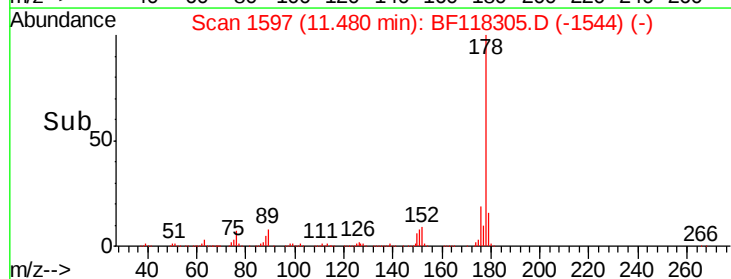
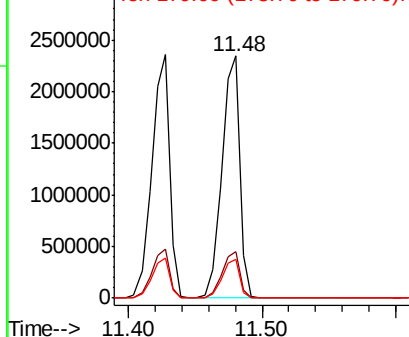
178 100

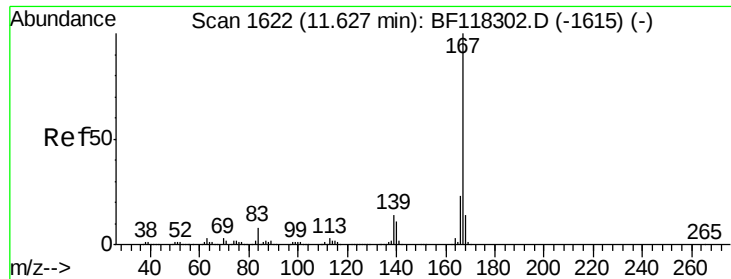
176 19.5 15.2 22.8

179 15.9 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: 76.001 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

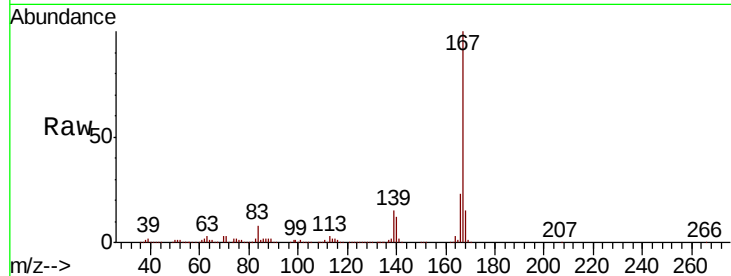
Tot Ion:167 Resp: 1960669

Ion Ratio Lower Upper

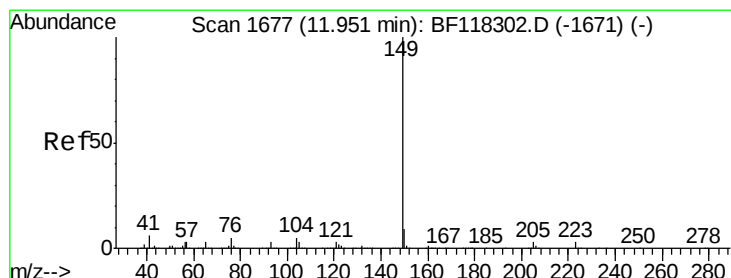
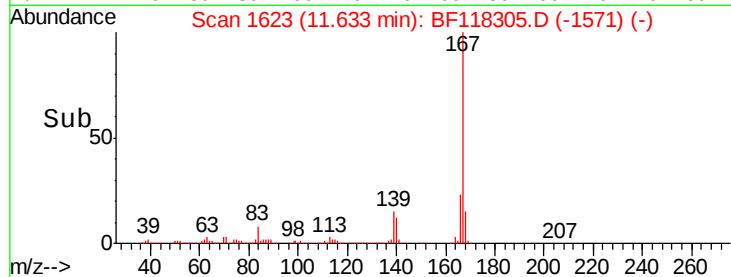
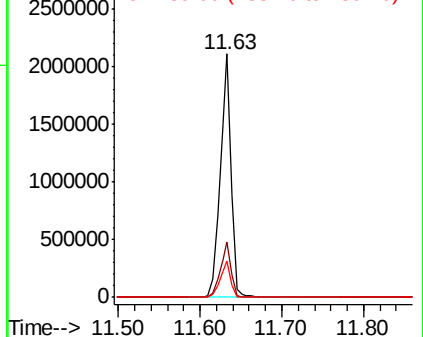
167 100

166 22.6 18.1 27.1

139 14.8 11.5 17.3



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



#74

Di-n-butylphthalate

Concen: 77.097 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

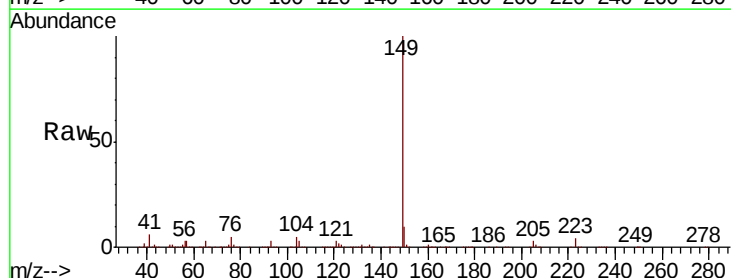
Tgt Ion:149 Resp: 2489173

Ion Ratio Lower Upper

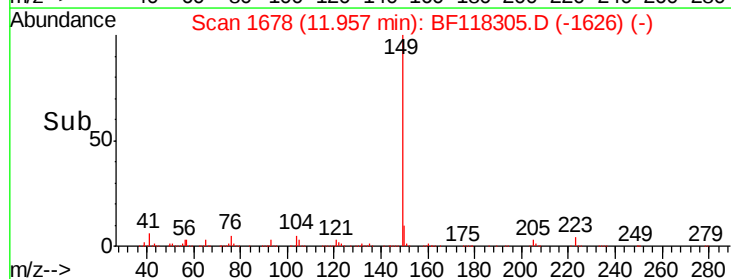
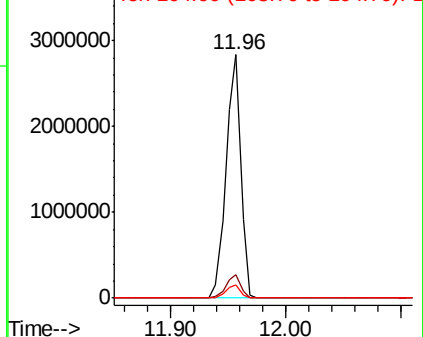
149 100

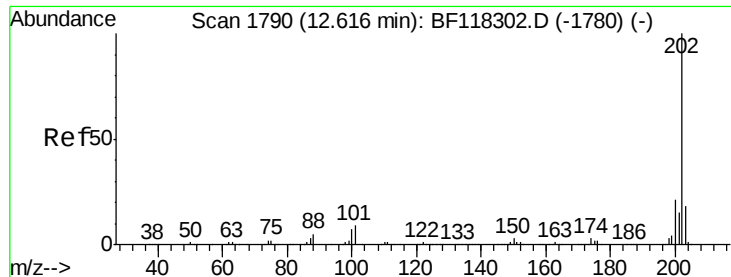
150 9.8 7.5 11.3

104 5.4 4.0 6.0



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



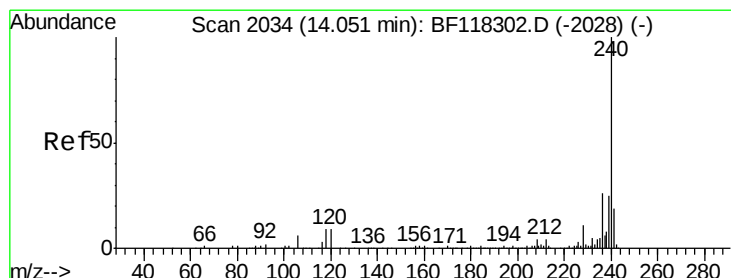
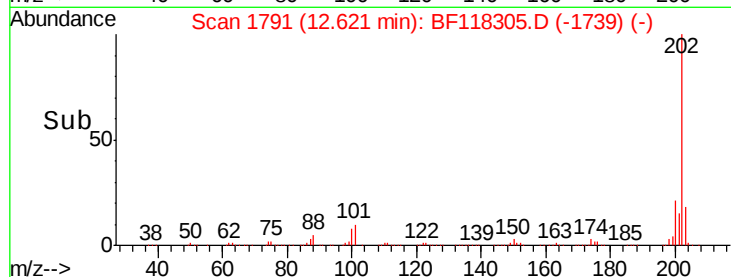
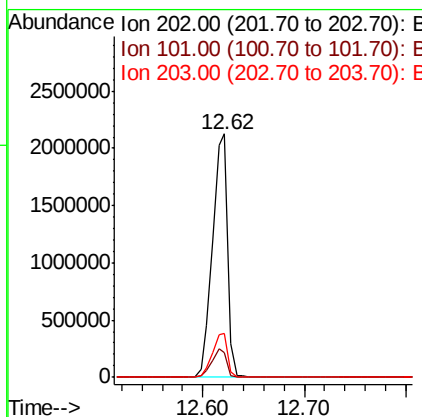
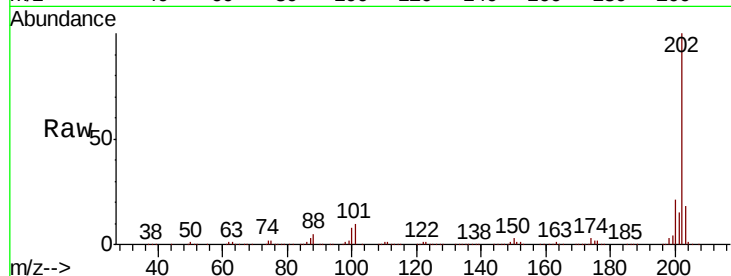


#75
 Fluoranthene
 Concen: 74.438 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:202 Resp: 2193602

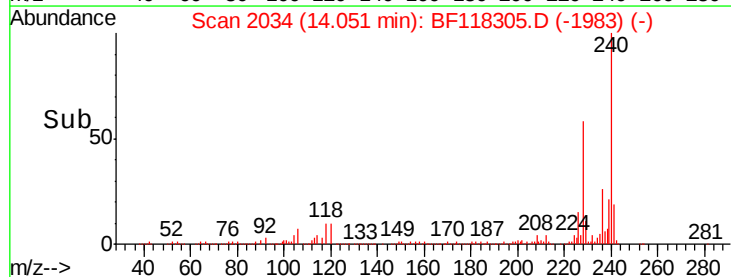
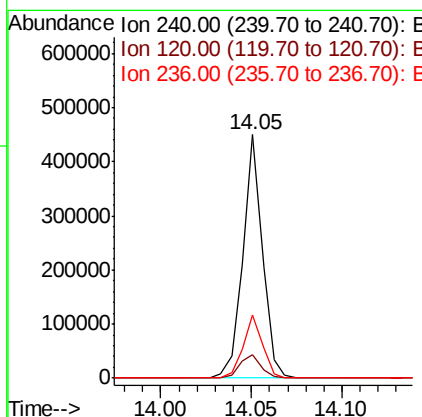
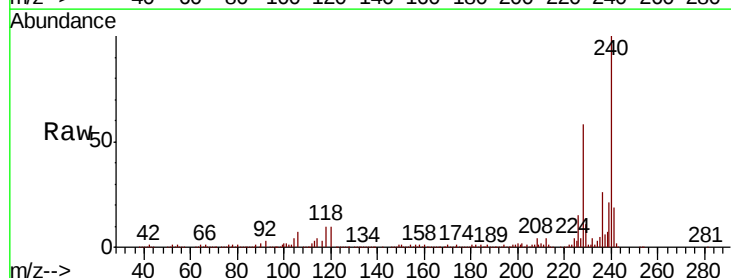
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.5
203	18.1	0.0	37.6

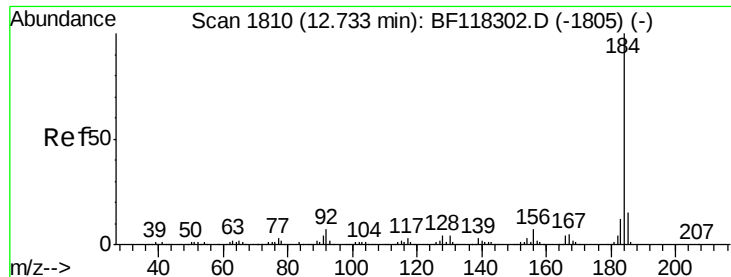


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF118305.D
 Acq: 24 Dec 2019 13:20

Tgt Ion:240 Resp: 337303

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	26.0	21.0	31.6





#77

Benzidine

Concen: 56.765 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

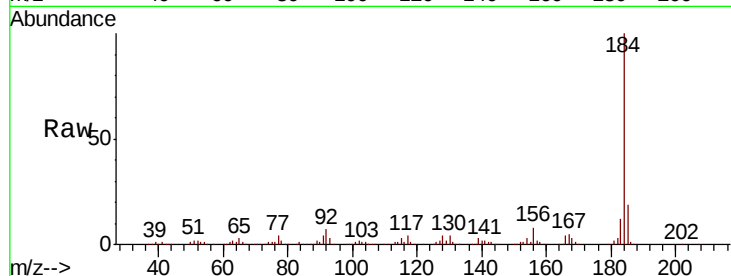
Tot Ion:184 Resp: 504049

Ion Ratio Lower Upper

184 100

185 18.5 12.3 18.5#

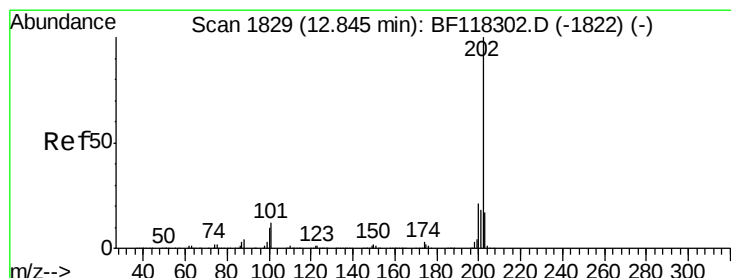
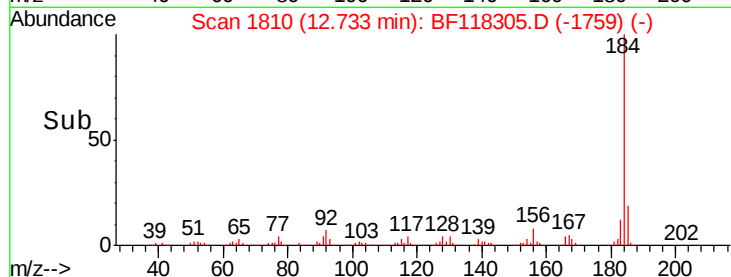
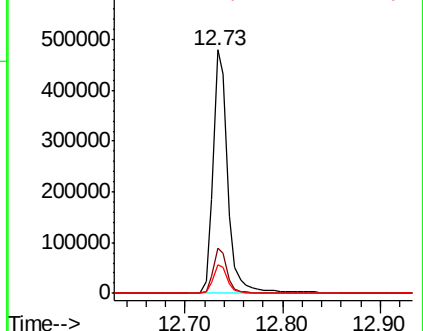
183 11.9 9.4 14.2



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: 82.227 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

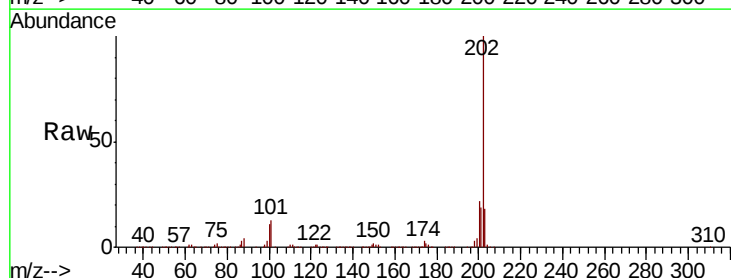
Tgt Ion:202 Resp: 2185687

Ion Ratio Lower Upper

202 100

200 22.0 16.8 25.2

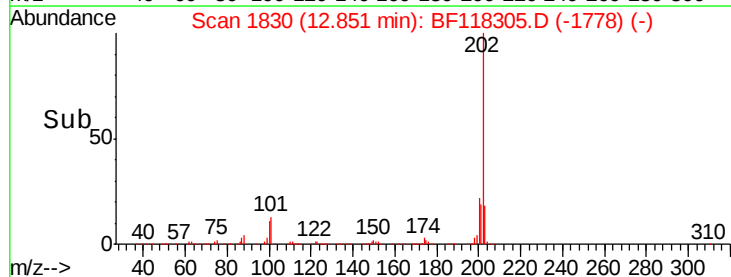
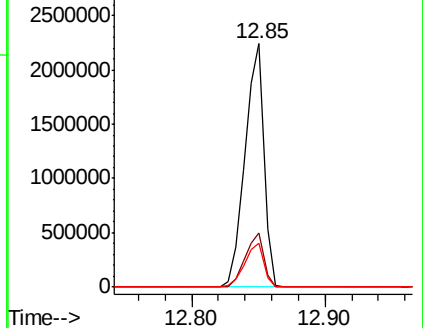
203 18.3 13.9 20.9

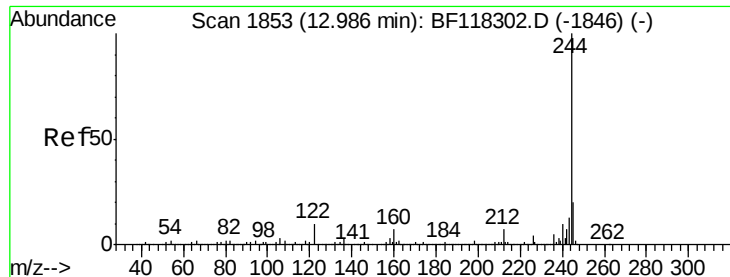


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 160.407 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

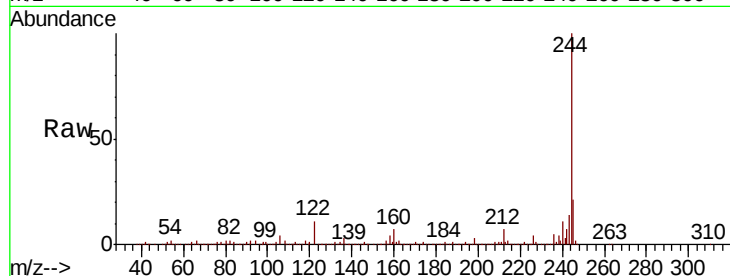
Tot Ion:244 Resp: 3146374

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

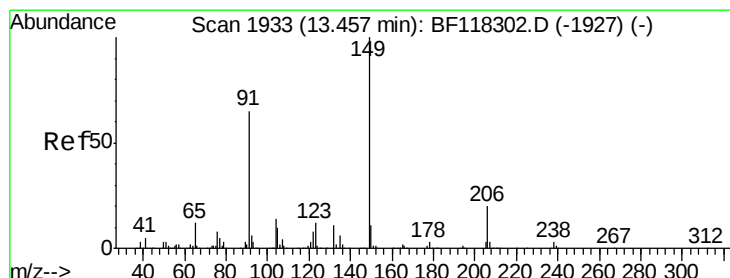
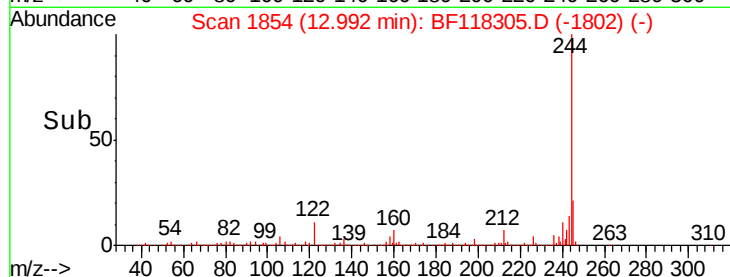
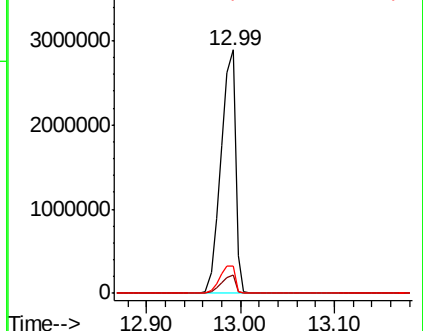
122 11.0 7.8 11.8



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: 83.540 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

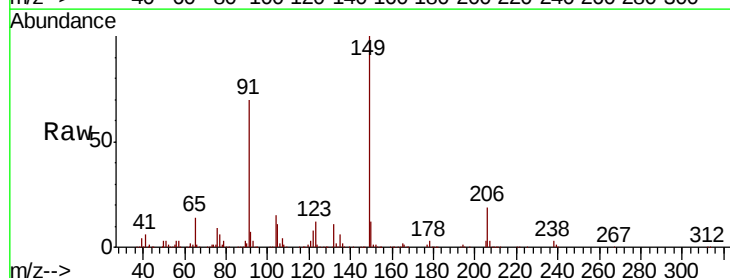
Tgt Ion:149 Resp: 1005665

Ion Ratio Lower Upper

149 100

91 69.5 51.8 77.6

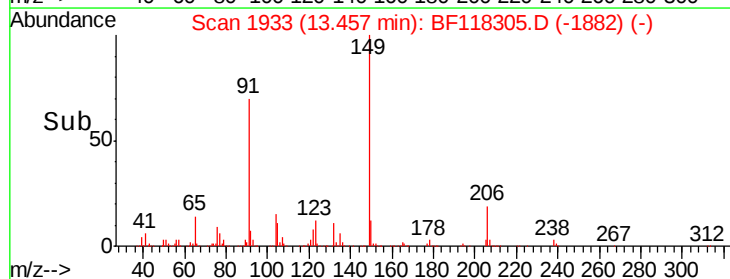
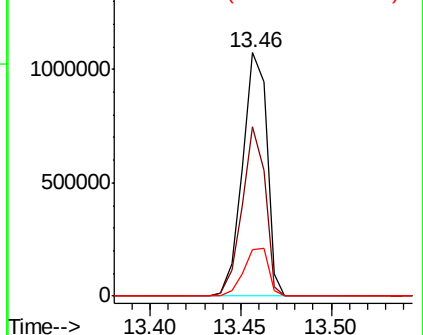
206 19.0 15.7 23.5

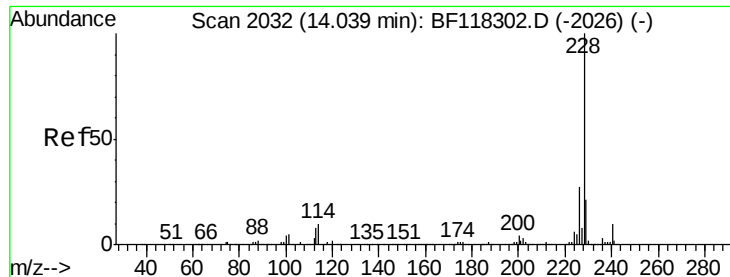


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 78.092 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

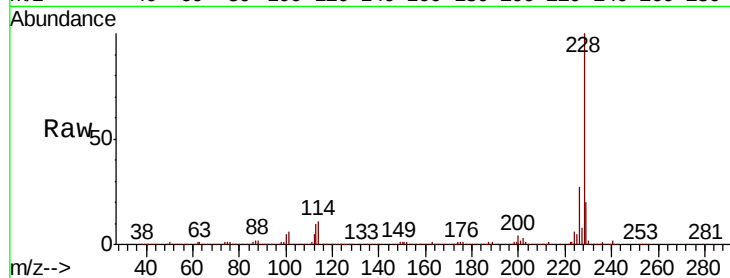
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 1821366

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	20.4	16.6	24.8

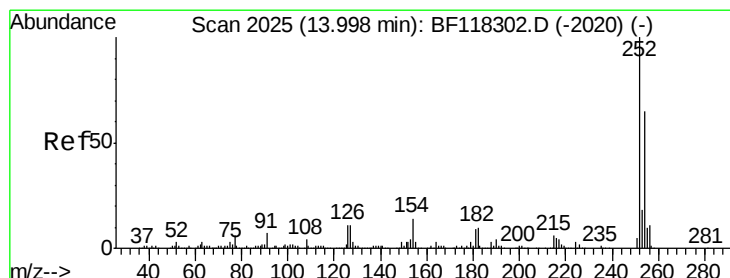
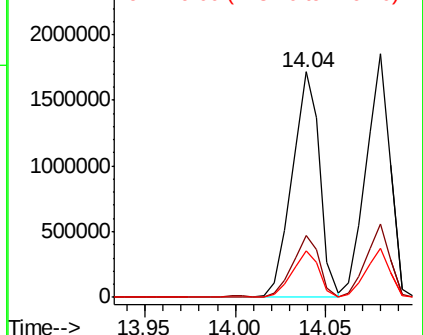
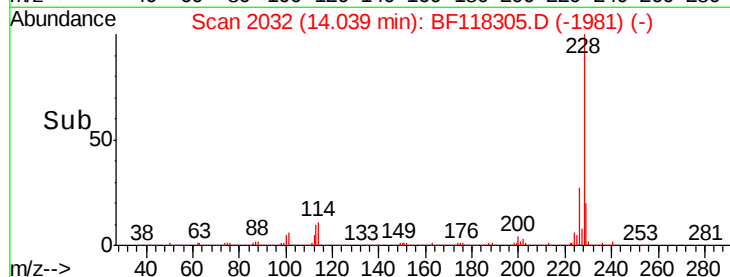


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 74.416 ng

RT: 14.00 min Scan# 2025

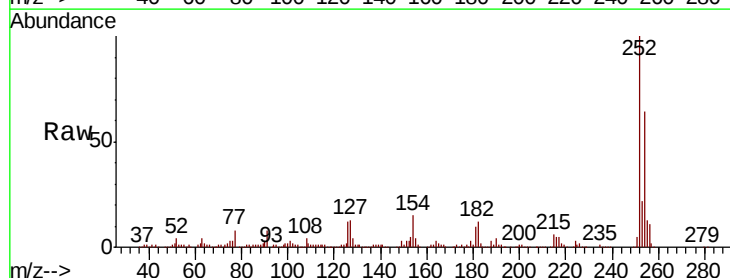
Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Tgt Ion:252 Resp: 570021

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.8
126	12.4	8.7	13.1

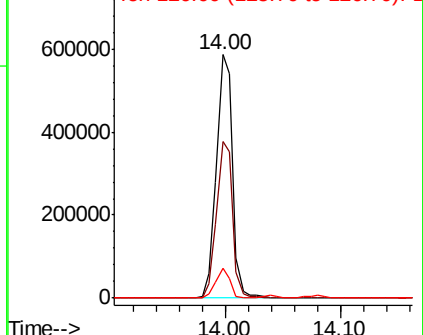
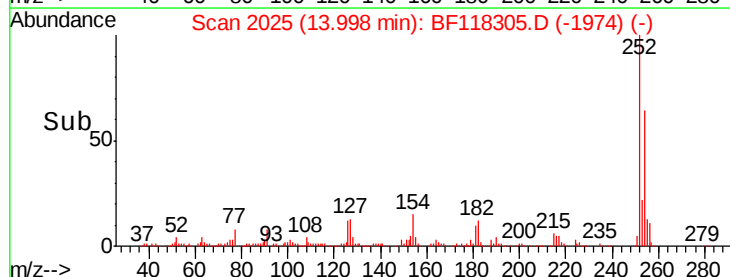


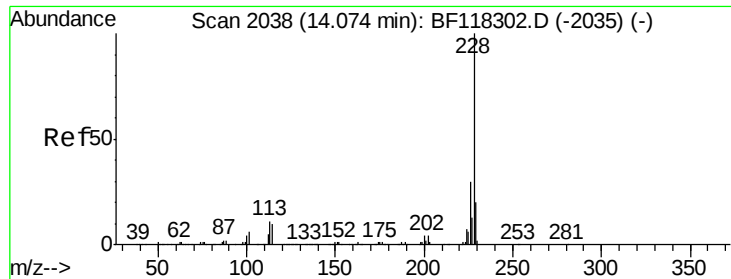
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 77.151 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampled :

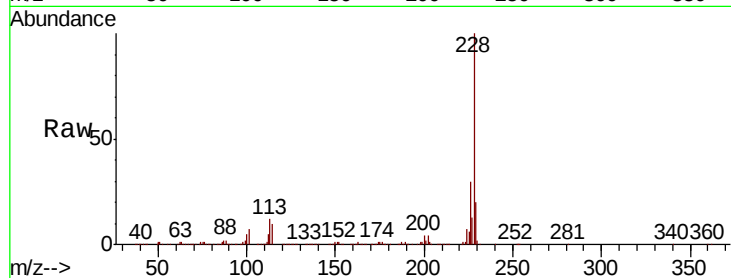
Tot Ion:228 Resp: 1718864

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

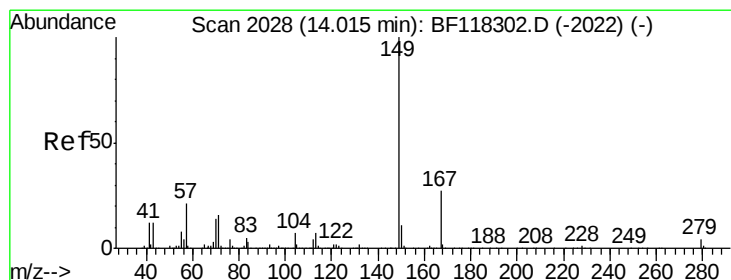
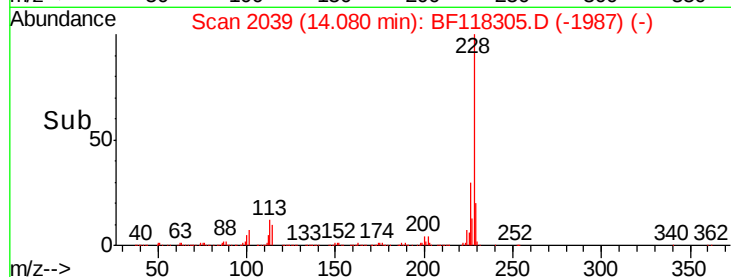
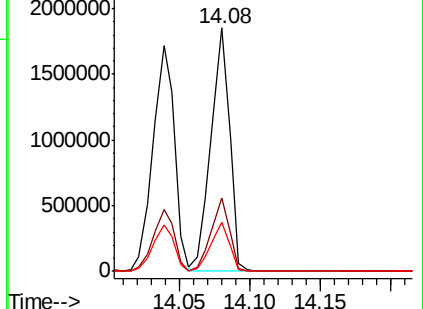
229 20.2 16.1 24.1



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: 80.488 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

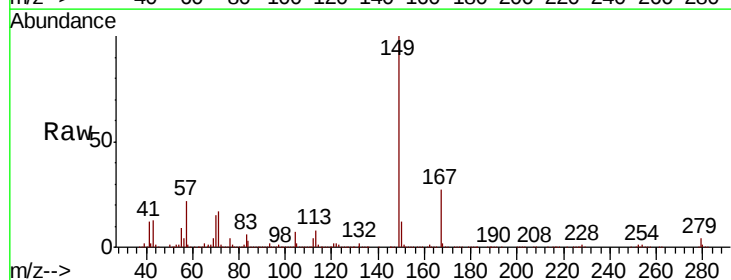
Tgt Ion:149 Resp: 1277632

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

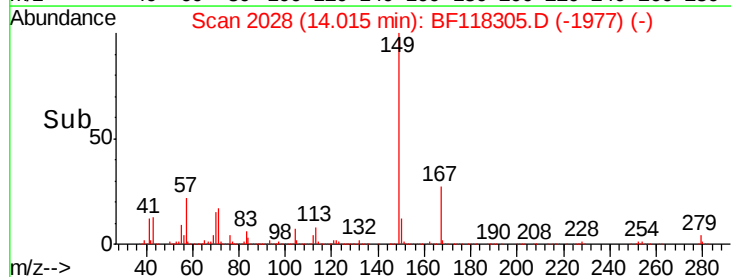
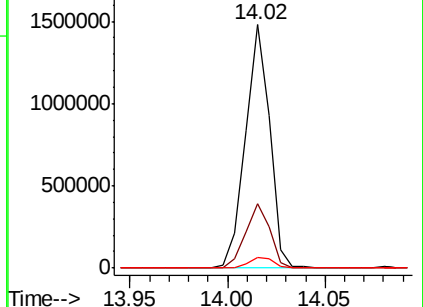
279 4.3 3.4 5.2

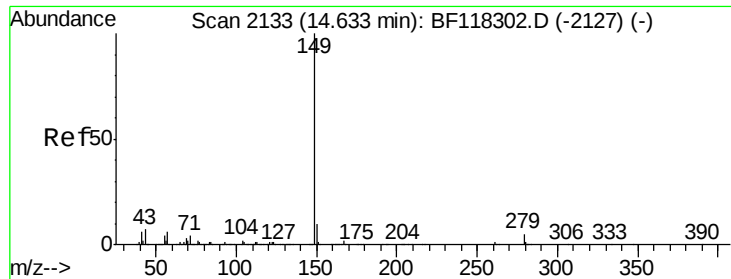


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 76.924 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

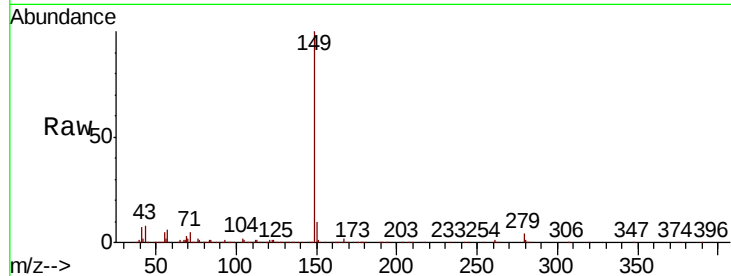
Tot Ion:149 Resp: 1849683

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

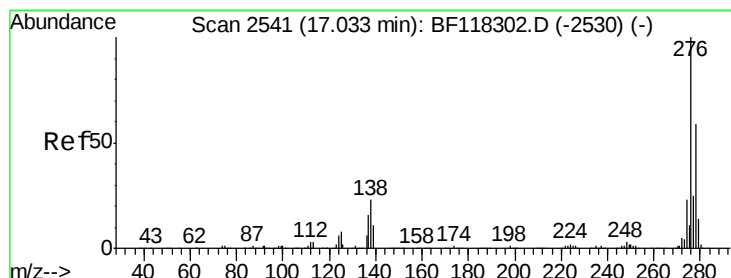
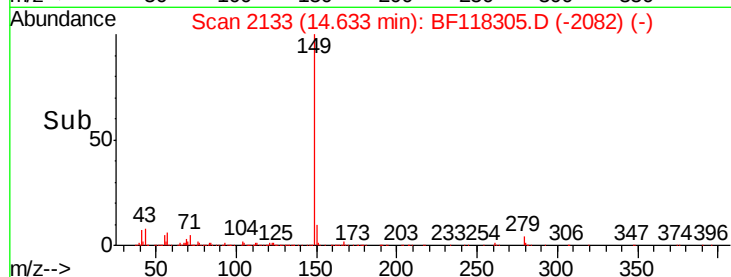
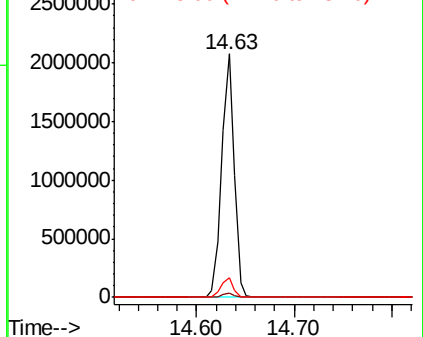
43 7.8 6.1 9.1



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: 87.662 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

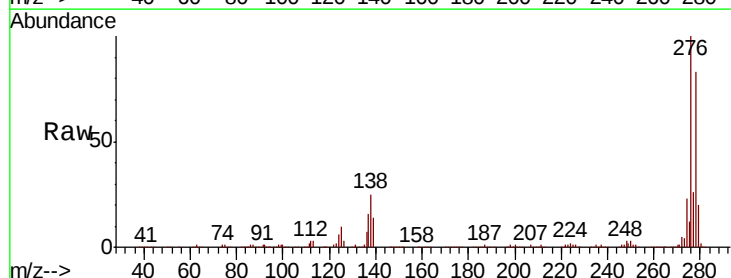
Tgt Ion:276 Resp: 1643302

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

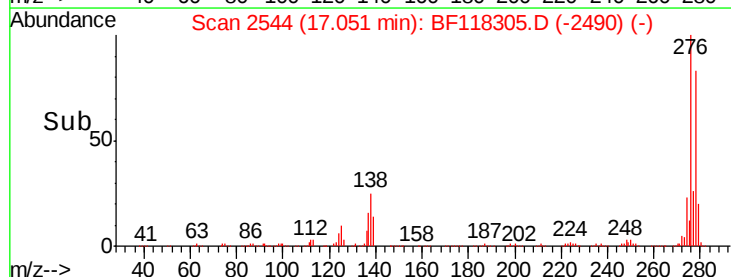
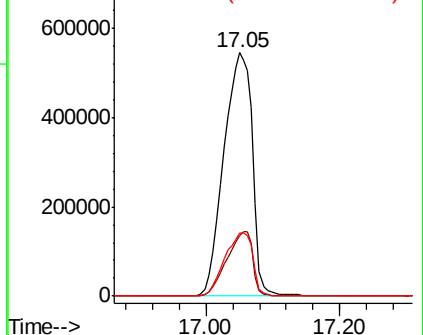
277 25.7 20.6 30.8

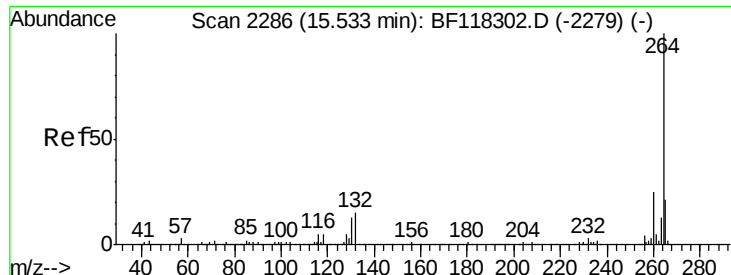


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

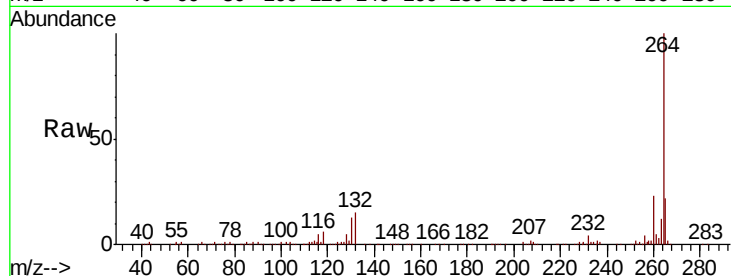




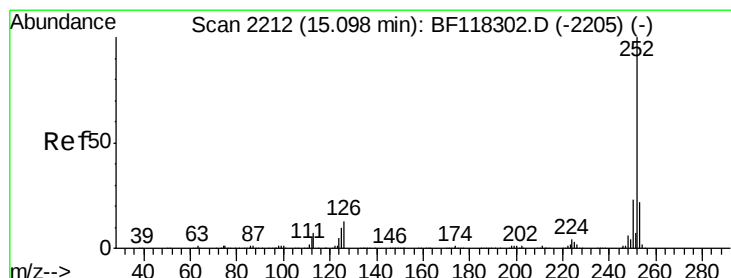
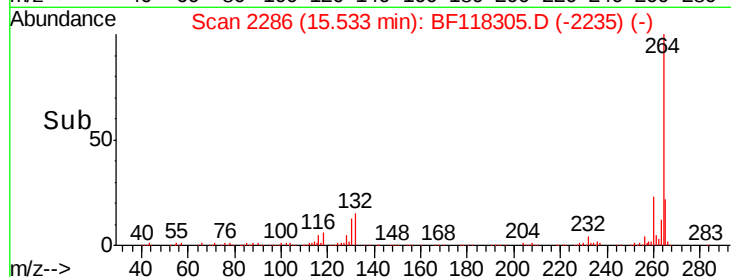
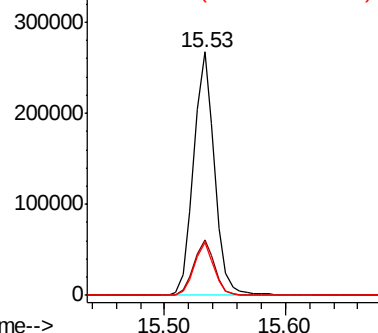
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 318014
Ion Ratio Lower Upper
264 100
260 22.7 19.8 29.6
265 21.5 17.0 25.4

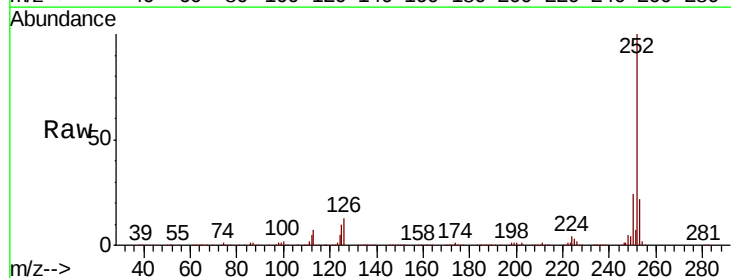


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

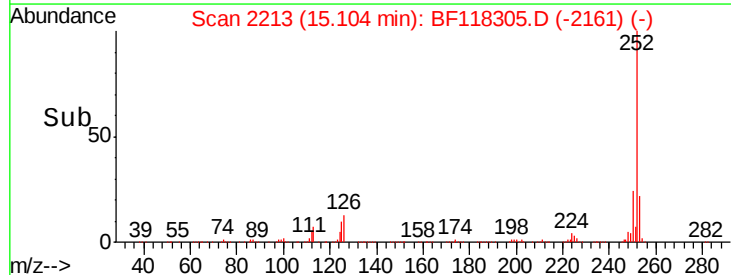
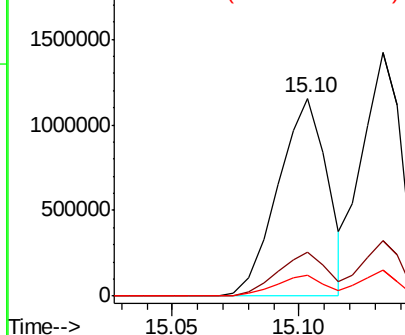


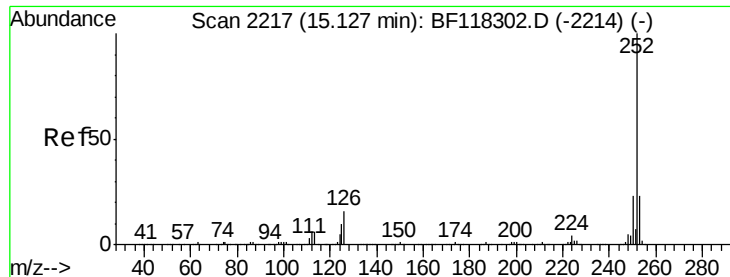
#88
Benzo(b)fluoranthene
Concen: 74.545 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118305.D
Acq: 24 Dec 2019 13:20

Tgt Ion:252 Resp: 1567852
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.4 7.7 11.5



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





#89

Benzo(k)fluoranthene

Concen: 76.176 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Instrument :

BNA_E

ClientSampleId :

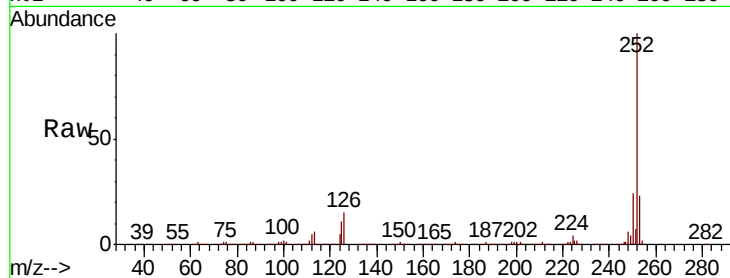
Tot Ion:252 Resp: 1539147

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

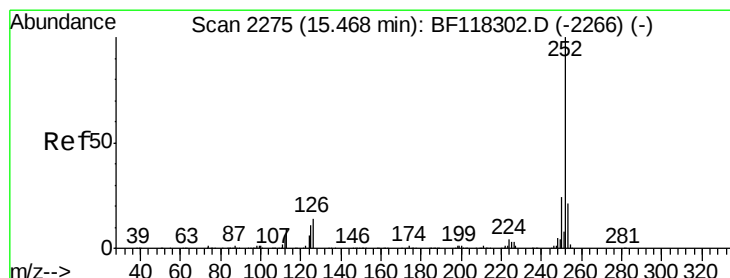
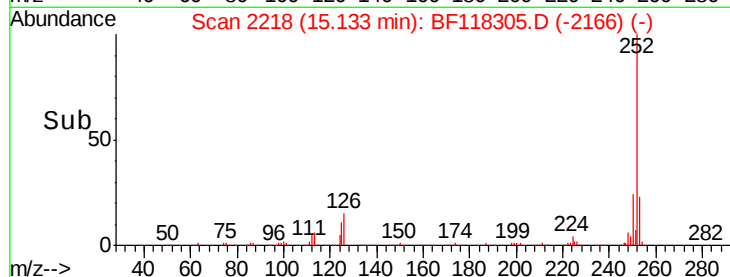
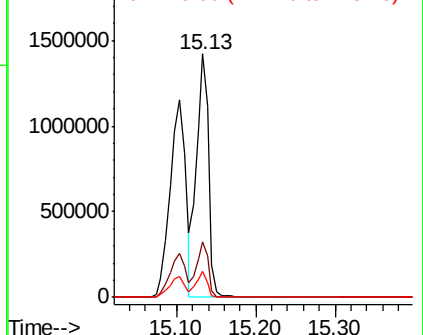
125 10.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 77.137 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

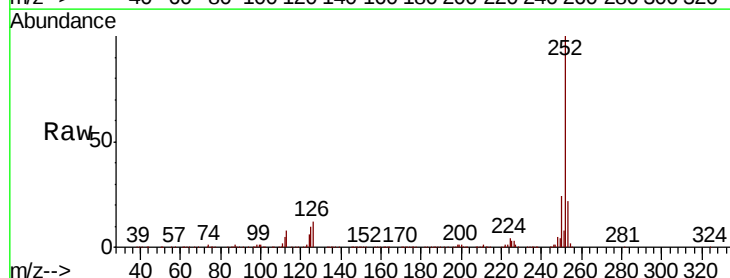
Tgt Ion:252 Resp: 1432874

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

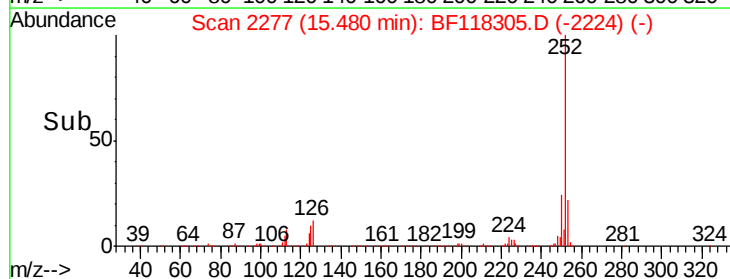
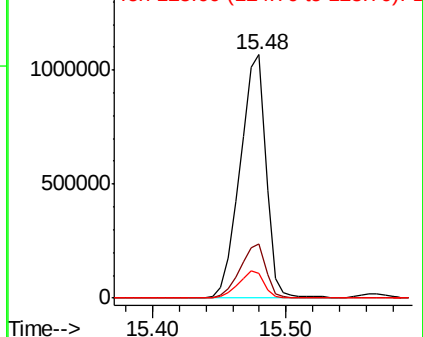
125 10.4 9.0 13.4

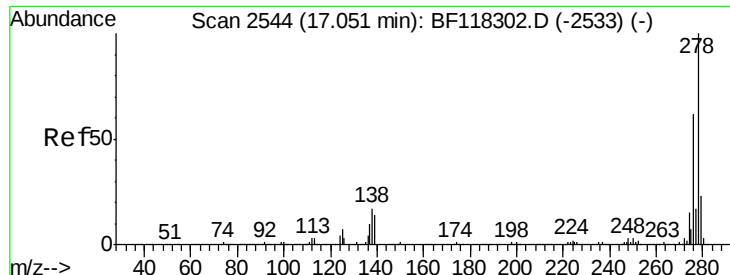


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 85.447 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

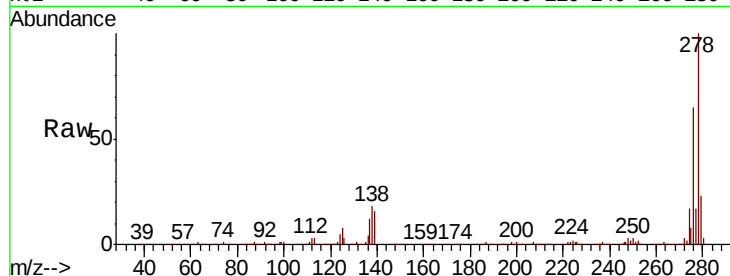
Instrument :

BNA_E

ClientSampleId :

Tot Ion:278 Resp: 1361375

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	23.2	18.3	27.5

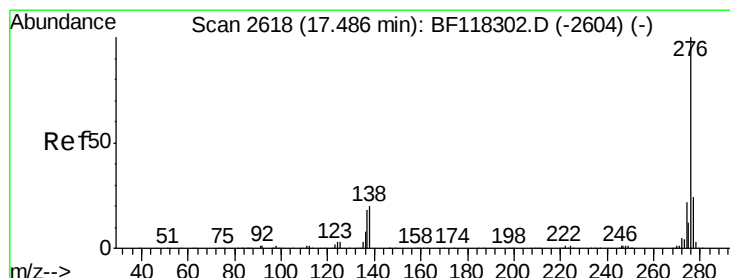
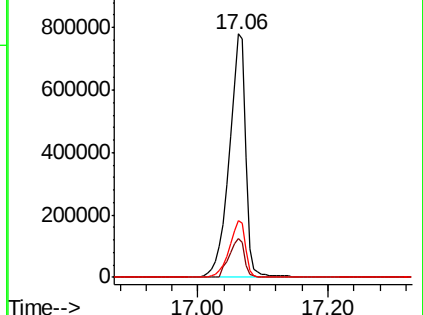
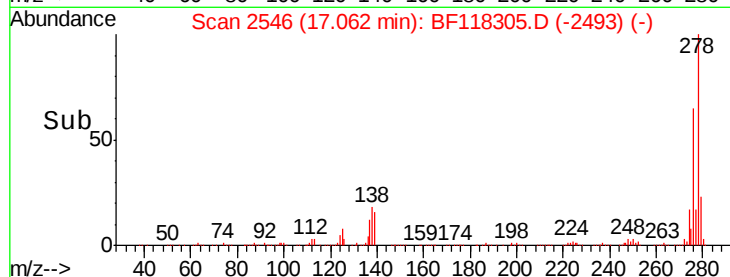


Abundance

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: 87.397 ng

RT: 17.50 min Scan# 2621

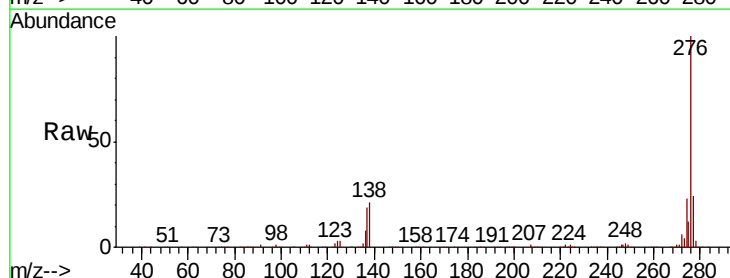
Delta R.T. 0.02 min

Lab File: BF118305.D

Acq: 24 Dec 2019 13:20

Tgt Ion:276 Resp: 1338056

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.1	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

