

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119022.D
 Acq On : 24 Feb 2020 14:40
 Operator : CG/JU
 Sample : PB127021BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:24:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	163092	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	627650	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	362766	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	685204	20.00	ng	0.00
76) Chrysene-d12	13.92	240	447077	20.00	ng	0.00
87) Perylene-d12	15.34	264	326495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1020217	104.54	ng	0.01
7) Phenol-d6	6.40	99	1267051	106.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	753524	63.39	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	485247	102.25	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1565869	63.59	ng	0.00
79) Terphenyl-d14	12.86	244	1868493	71.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	149941	34.508	ng	100
3) Pyridine	3.28	79	354858	29.904	ng	98
4) n-Nitrosodimethylamine	3.21	42	135183	37.606	ng	96
6) Aniline	6.42	93	403119	27.526	ng	# 43
8) 2-Chlorophenol	6.55	128	430697	40.894	ng	95
9) Benzaldehyde	6.30	77	190426	24.014	ng	98
10) Phenol	6.42	94	498595	38.854	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	385142	39.226	ng	99
12) 1,3-Dichlorobenzene	6.70	146	471419	37.346	ng	100
13) 1,4-Dichlorobenzene	6.77	146	478418	37.874	ng	100
14) 1,2-Dichlorobenzene	6.93	146	442426	38.404	ng	99
15) Benzyl Alcohol	6.90	79	362728	42.286	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	320284	37.657	ng	90
17) 2-Methylphenol	7.02	107	352690	41.304	ng	95
18) Hexachloroethane	7.27	117	170903	37.817	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	282150	40.797	ng	97
20) 3+4-Methylphenols	7.17	107	435688	41.648	ng	# 74
22) Acetophenone	7.16	105	565643	38.950	ng	94
24) Nitrobenzene	7.34	77	441393	37.548	ng	99
25) Isophorone	7.58	82	813431	39.401	ng	99
26) 2-Nitrophenol	7.66	139	245457	39.408	ng	98
27) 2,4-Dimethylphenol	7.70	122	372695	44.089	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	498623	37.107	ng	100
29) 2,4-Dichlorophenol	7.90	162	387379	38.927	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	423120	35.861	ng	99
31) Naphthalene	8.06	128	1239912	38.091	ng	100
32) Benzoic acid	7.85	122	205311	35.334	ng	99
33) 4-Chloroaniline	8.11	127	310925	22.208	ng	99
34) Hexachlorobutadiene	8.18	225	256184	34.857	ng	98
35) Caprolactam	8.49	113	65268	21.300	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	406997	40.411	ng	98
37) 2-Methylnaphthalene	8.75	142	871336	39.776	ng	100
38) 1-Methylnaphthalene	8.85	142	810041	39.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	437053	35.733	ng	99

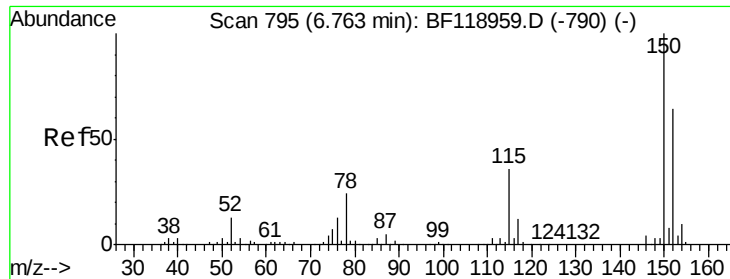
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	258532	60.646	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	283187	36.664	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	304421	37.560	ng	94
46) 1,1'-Biphenyl	9.22	154	1052556	35.900	ng	99
47) 2-Chloronaphthalene	9.24	162	846985	35.849	ng	98
48) 2-Nitroaniline	9.34	65	235233	35.696	ng	95
49) Acenaphthylene	9.66	152	1305236	38.250	ng	100
50) Dimethylphthalate	9.52	163	1034262	37.284	ng	100
51) 2,6-Dinitrotoluene	9.58	165	234945	38.122	ng	99
52) Acenaphthene	9.83	154	763144	37.089	ng	99
53) 3-Nitroaniline	9.75	138	159226	23.304	ng	94
54) 2,4-Dinitrophenol	9.87	184	204158	69.264	ng	98
55) Dibenzofuran	10.00	168	1171251	38.137	ng	99
56) 4-Nitrophenol	9.93	139	298169	72.634	ng	94
57) 2,4-Dinitrotoluene	9.99	165	305066	38.189	ng	92
58) Fluorene	10.34	166	914676	38.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	252572	36.931	ng	98
60) Diethylphthalate	10.22	149	983144	37.608	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	477166	37.774	ng	96
62) 4-Nitroaniline	10.36	138	228975	32.756	ng	99
63) Azobenzene	10.49	77	877159	38.603	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	167266	40.341	ng	98
66) n-Nitrosodiphenylamine	10.45	169	836892	37.301	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	324144	36.191	ng	94
68) Hexachlorobenzene	10.89	284	367767	35.614	ng	99
69) Atrazine	10.98	200	303048	38.659	ng	99
70) Pentachlorophenol	11.09	266	301168	72.401	ng	100
71) Phenanthrene	11.30	178	1367733	36.602	ng	99
72) Anthracene	11.35	178	1419610	38.022	ng	99
73) Carbazole	11.50	167	1224530	36.814	ng	100
74) Di-n-butylphthalate	11.83	149	1530908	38.006	ng	99
75) Fluoranthene	12.49	202	1430804	36.072	ng	100
77) Benzidine	12.60	184	366179	20.139	ng	97
78) Pyrene	12.72	202	1420751	39.576	ng	100
80) Butylbenzylphthalate	13.33	149	606553	40.145	ng	99
81) Benzo(a)anthracene	13.90	228	1140039	37.425	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	346859	29.324	ng	99
83) Chrysene	13.94	228	1092520	35.994	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	799684	41.894	ng	99
85) Di-n-octyl phthalate	14.50	149	1234633	40.595	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	942478	32.068	ng	98
88) Benzo(b)fluoranthene	14.93	252	984576	45.750	ng	99
89) Benzo(k)fluoranthene	14.96	252	898033	45.028	ng	98
90) Benzo(a)pyrene	15.28	252	803027	41.344	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	790508	46.255	ng	99
92) Benzo(g,h,i)perylene	17.17	276	811434	48.054	ng	97

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

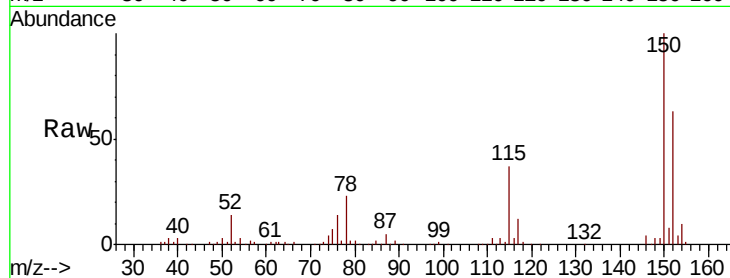


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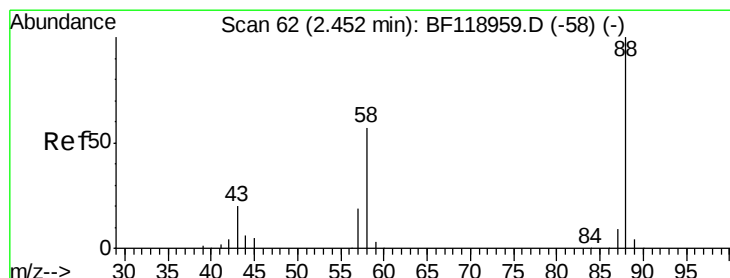
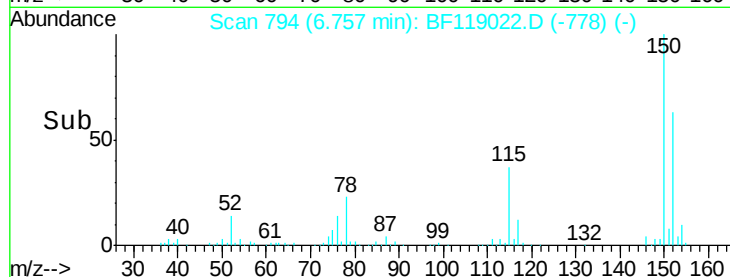
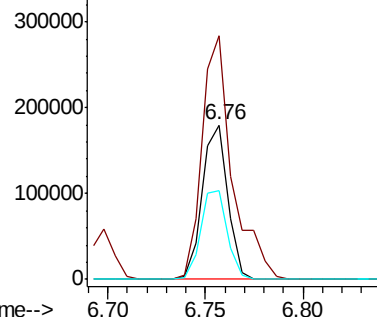
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163092
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 57.9 44.6 67.0



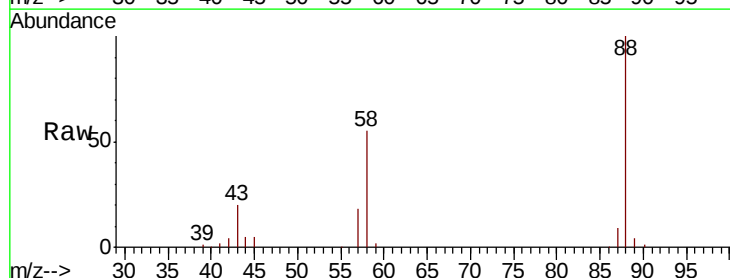
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



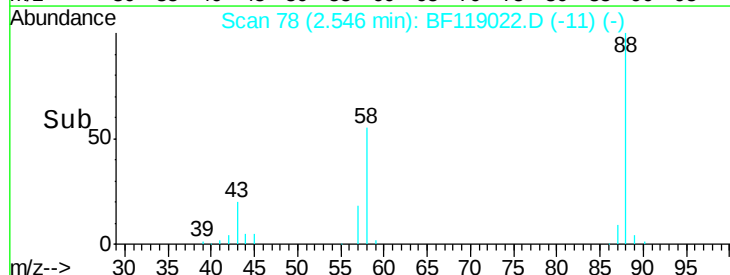
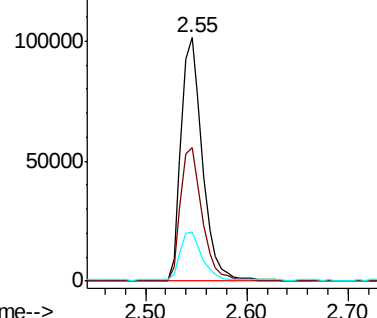
#2

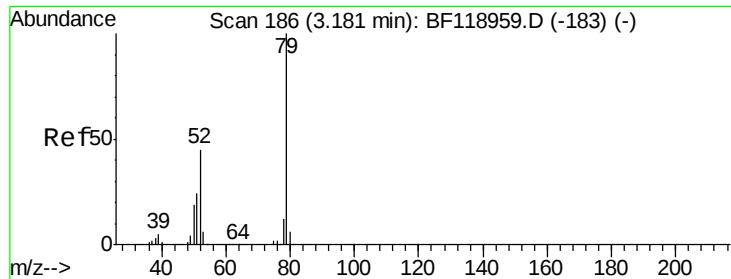
1,4-Dioxane
Concen: 34.508 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.09 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion: 88 Resp: 149941
Ion Ratio Lower Upper
88 100
58 55.7 44.6 66.8
43 20.1 16.0 24.0



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: 29.904 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.10 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

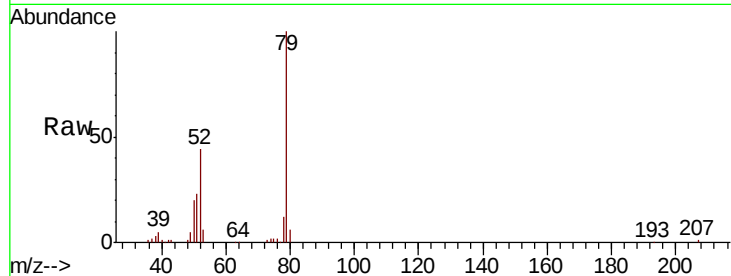
Tot Ion: 79 Resp: 354858

Ion Ratio Lower Upper

79 100

52 44.1 36.3 54.5

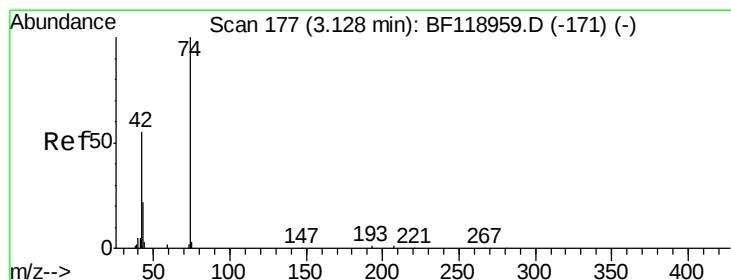
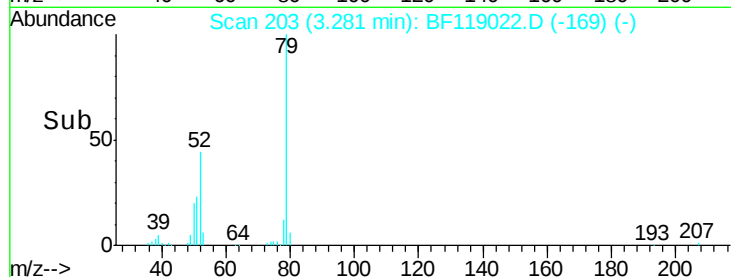
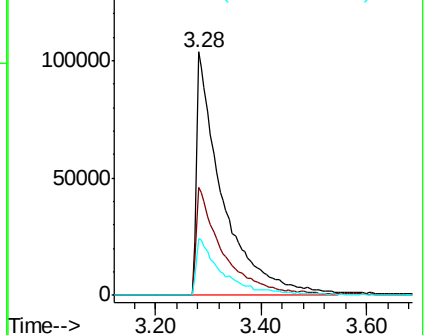
51 23.1 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.606 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

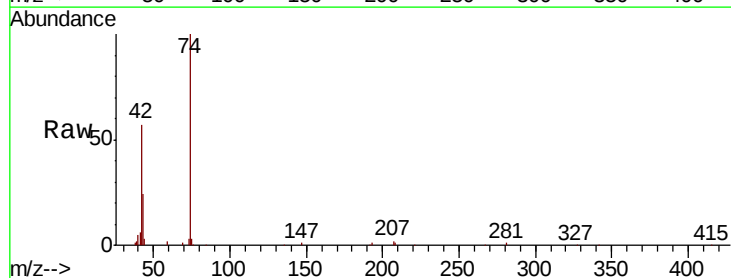
Tgt Ion: 42 Resp: 135183

Ion Ratio Lower Upper

42 100

74 174.9 144.4 216.6

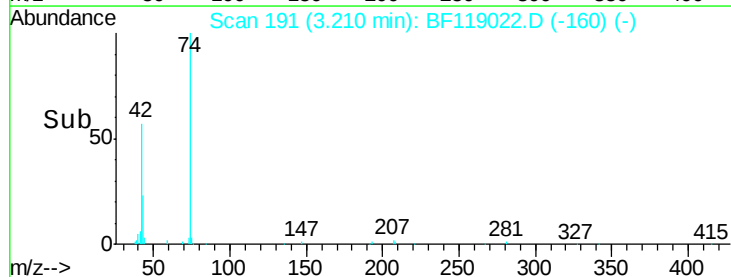
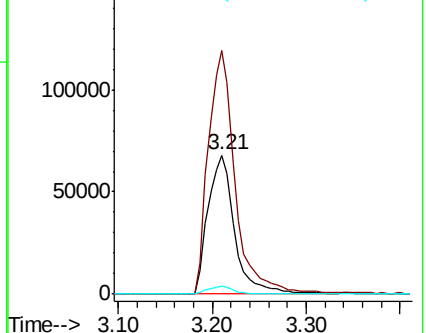
44 5.6 4.5 6.7

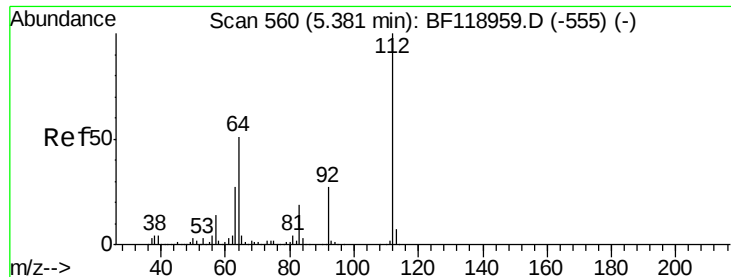


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.540 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

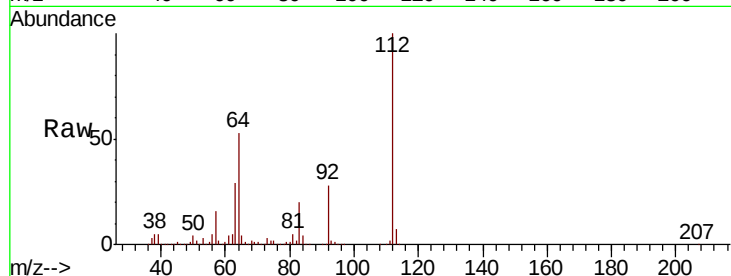
Tot Ion:112 Resp: 1020217

Ion Ratio Lower Upper

112 100

64 53.3 40.4 60.6

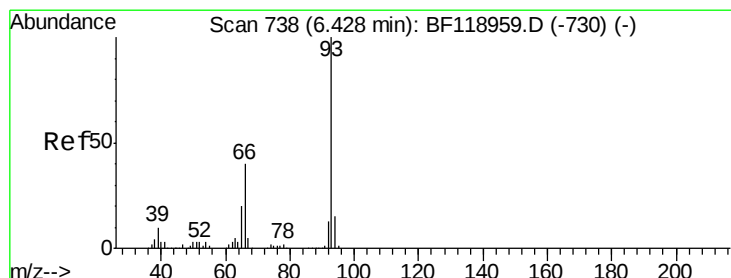
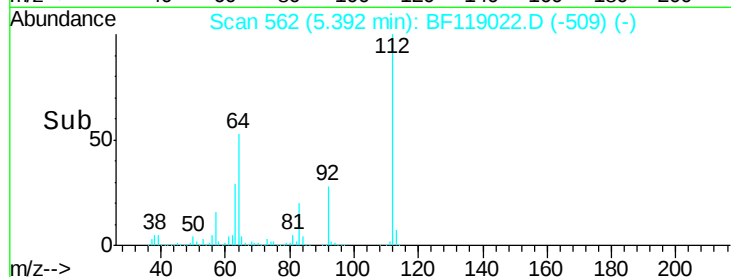
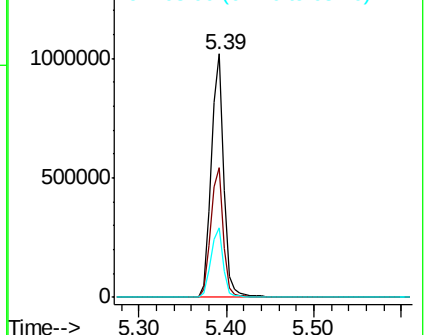
63 28.5 21.3 31.9



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: 27.526 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

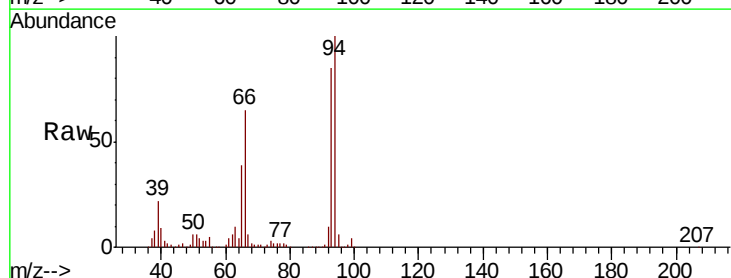
Tgt Ion: 93 Resp: 403119

Ion Ratio Lower Upper

93 100

66 75.7 32.2 48.2#

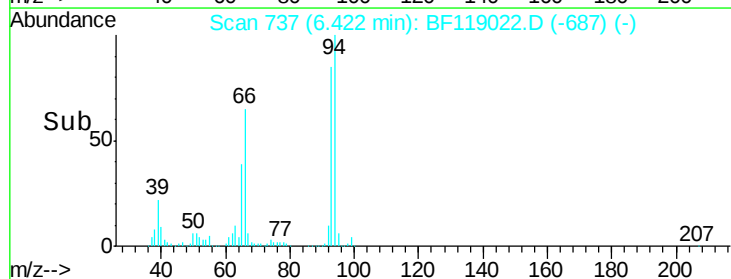
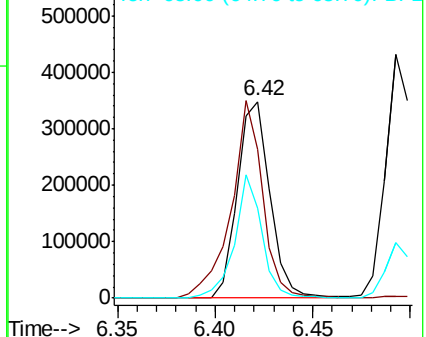
65 45.7 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.754 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

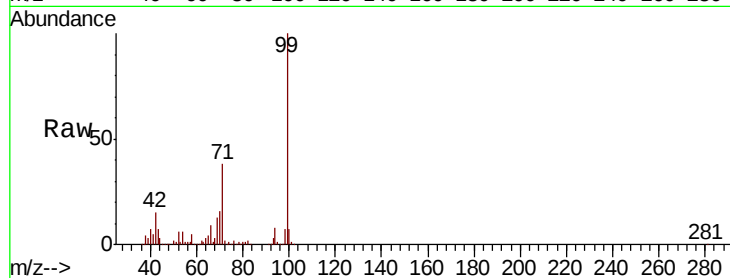
Tot Ion: 99 Resp: 1267051

Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

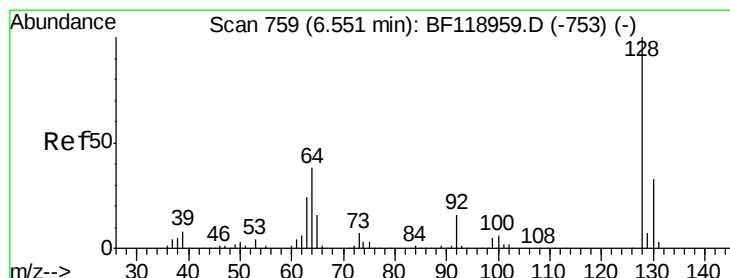
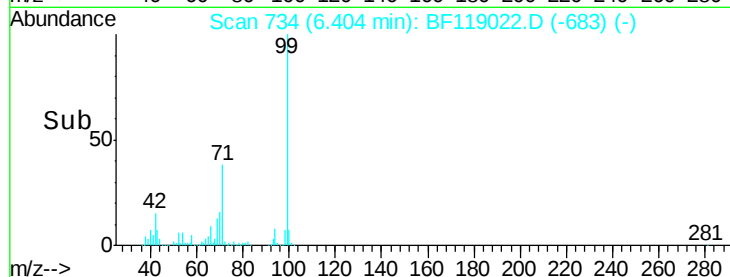
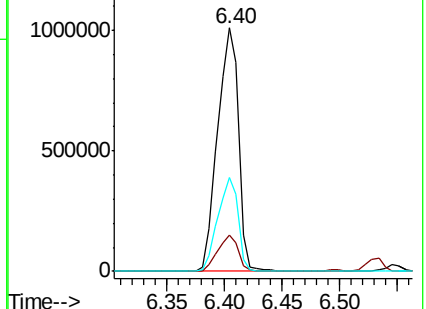
71 38.5 29.8 44.6



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: 40.894 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

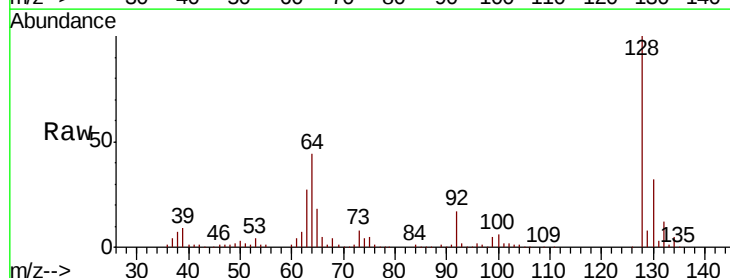
Tgt Ion: 128 Resp: 430697

Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

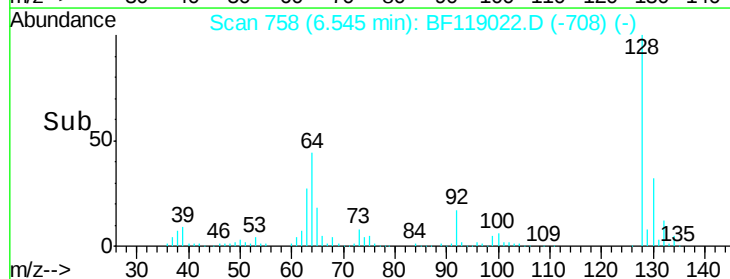
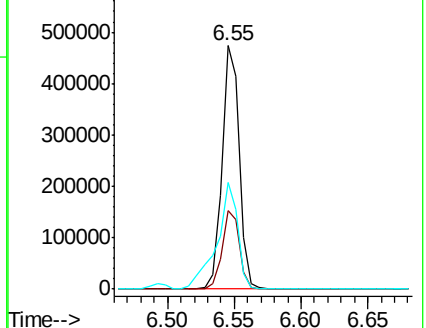
64 43.8 18.7 58.7

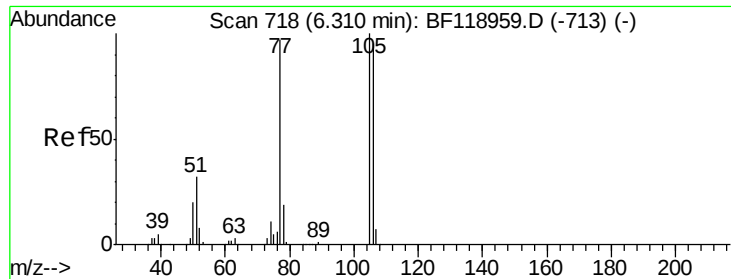


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.014 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

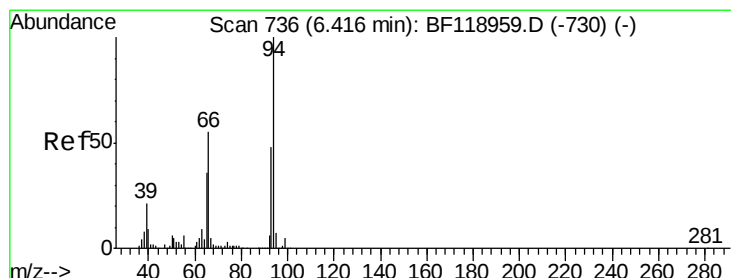
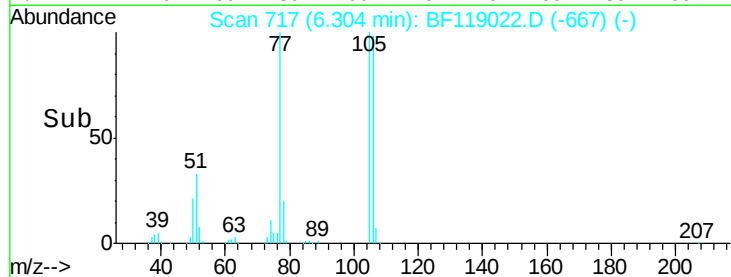
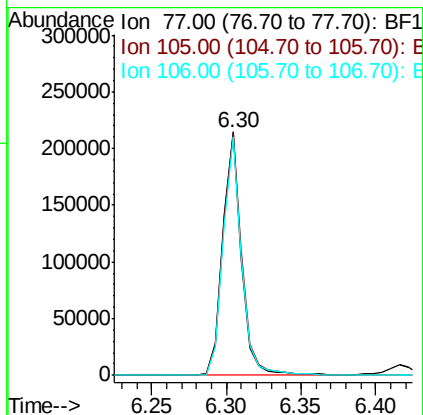
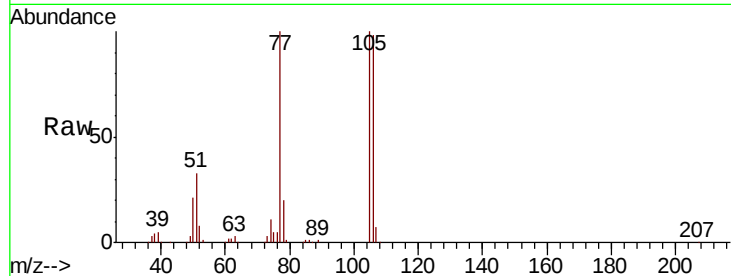
Tot Ion: 77 Resp: 190426

Ion Ratio Lower Upper

77 100

105 99.6 83.0 123.0

106 97.9 78.3 118.3



#10

Phenol

Concen: 38.854 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

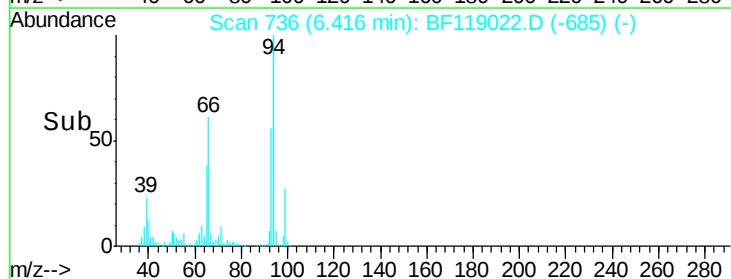
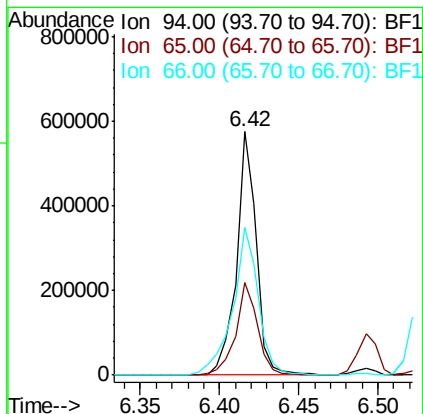
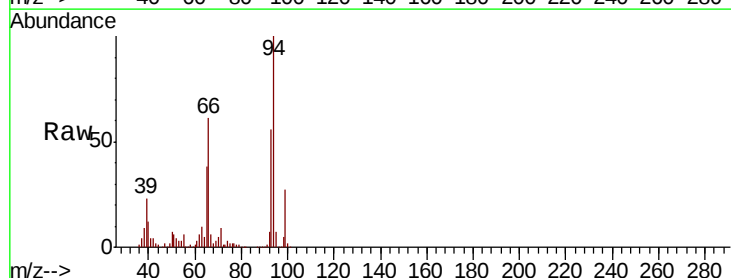
Tgt Ion: 94 Resp: 498595

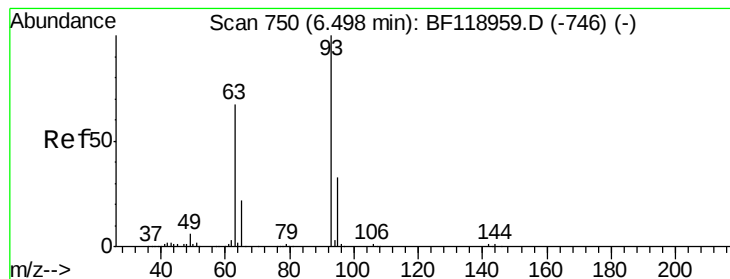
Ion Ratio Lower Upper

94 100

65 37.8 15.5 55.5

66 60.7 35.6 75.6





#11

bis(2-Chloroethyl)ether

Concen: 39.226 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

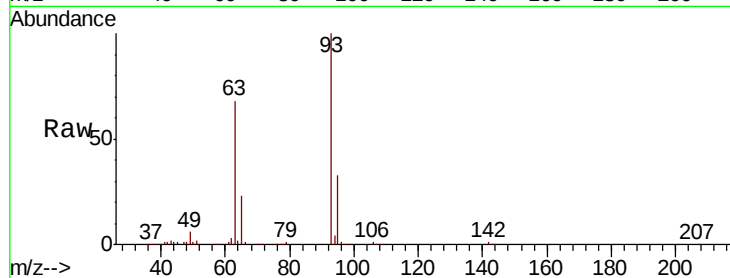
Tot Ion: 93 Resp: 385142

Ion Ratio Lower Upper

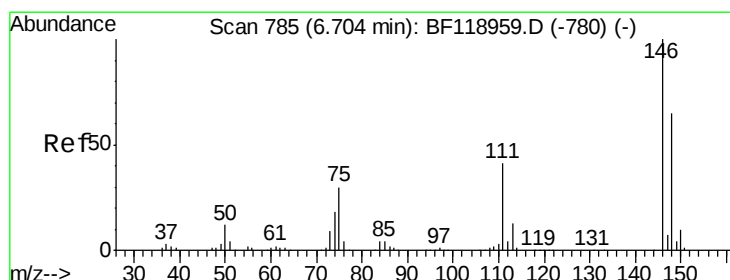
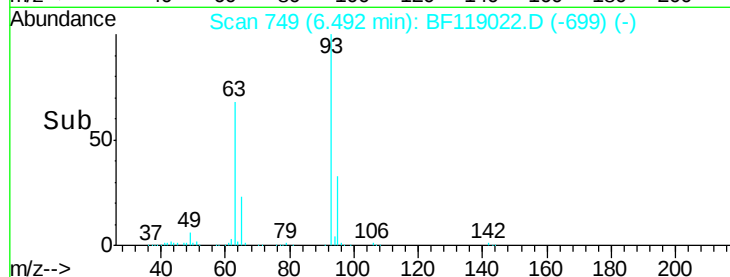
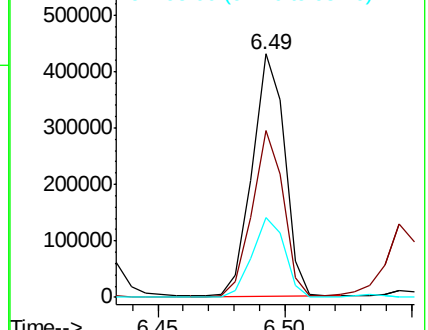
93 100

63 68.4 46.8 86.8

95 32.6 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 37.346 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

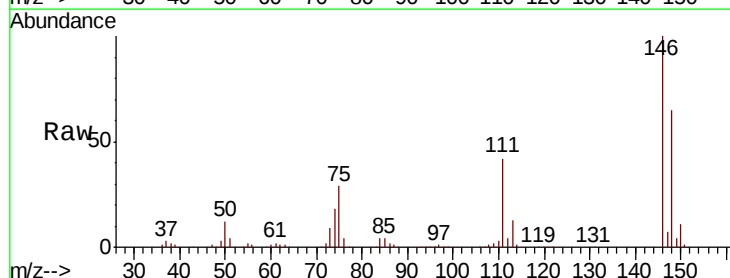
Tgt Ion: 146 Resp: 471419

Ion Ratio Lower Upper

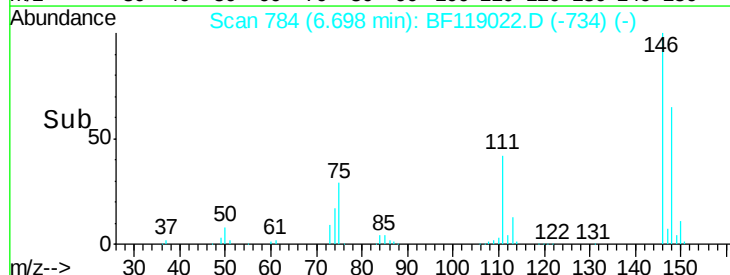
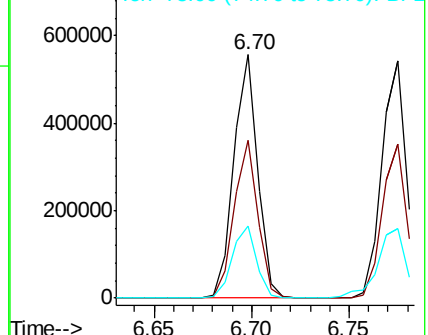
146 100

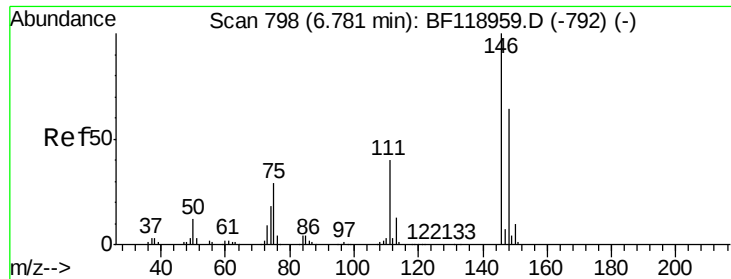
148 64.7 51.7 77.5

75 29.5 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

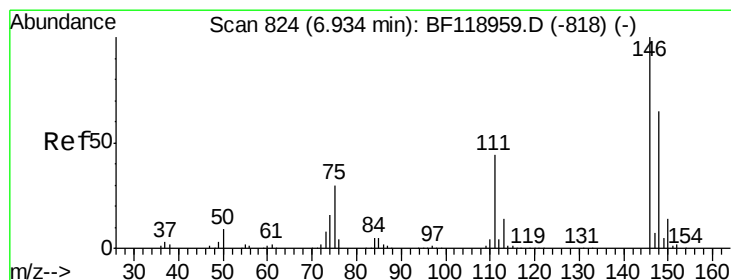
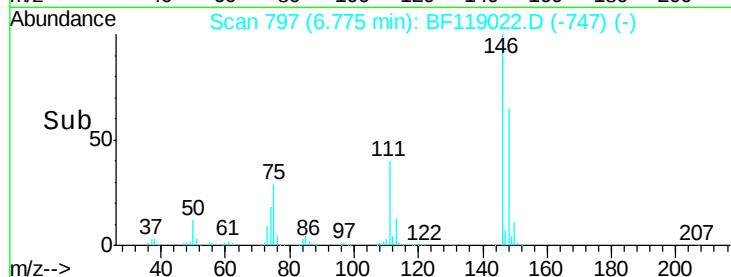
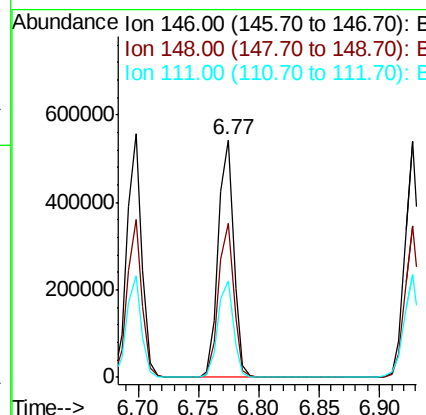
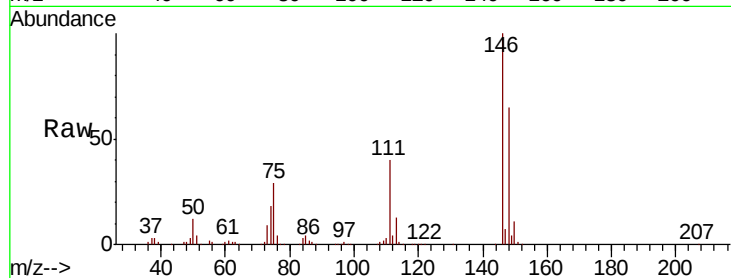




#13
 1,4-Dichlorobenzene
 Concen: 37.874 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

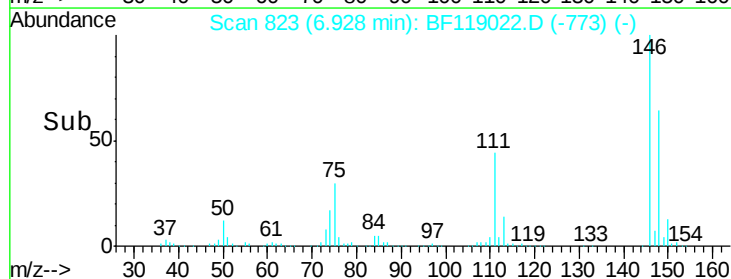
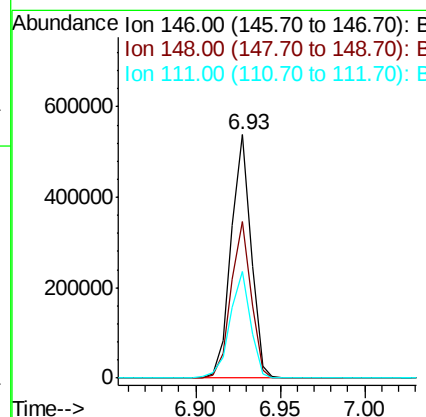
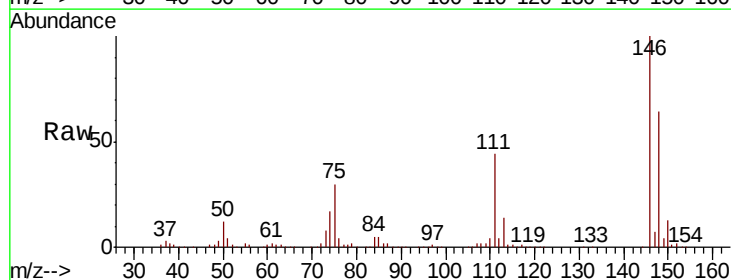
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 478418
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 40.3 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 38.404 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:146 Resp: 442426
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 43.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 42.286 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

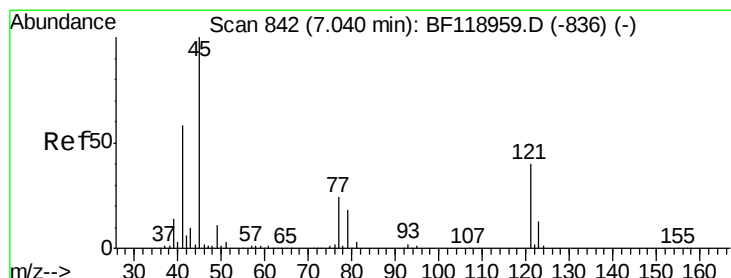
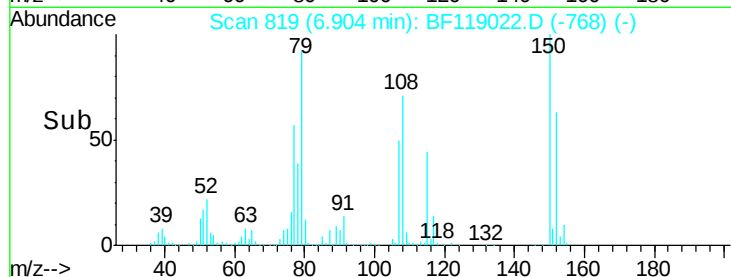
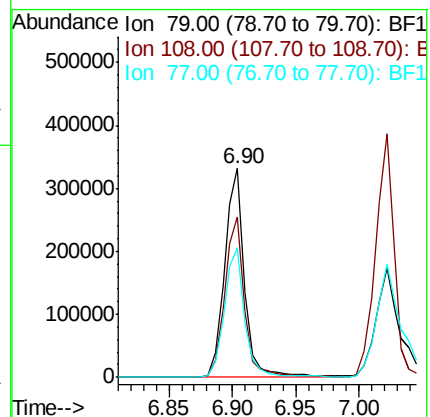
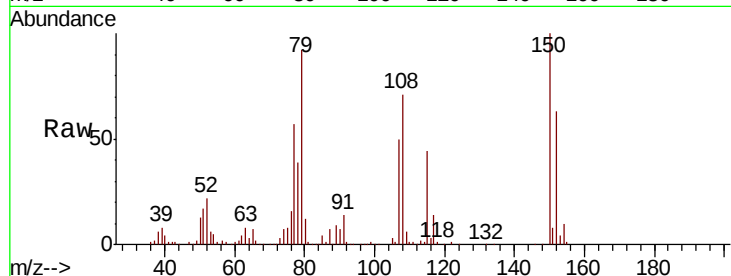
Tot Ion: 79 Resp: 362728

Ion Ratio Lower Upper

79 100

108 76.7 61.1 91.7

77 62.2 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.657 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

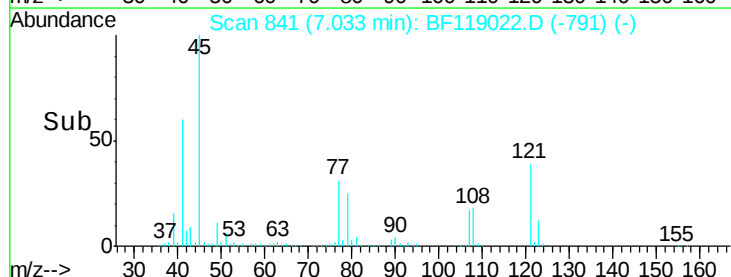
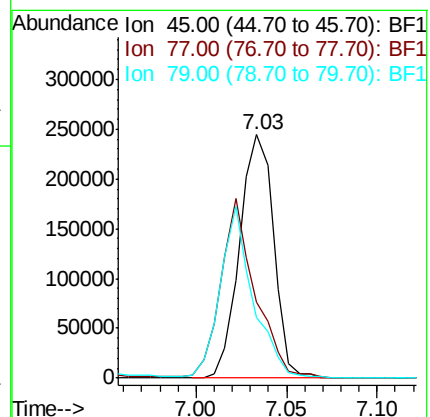
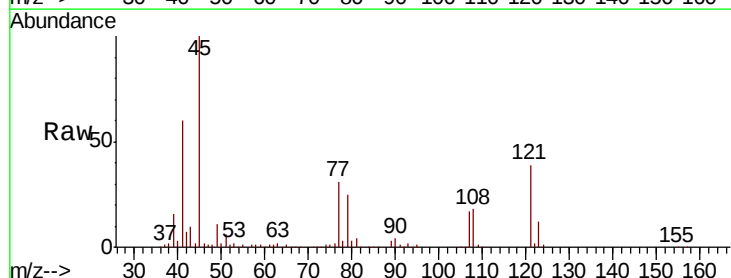
Tgt Ion: 45 Resp: 320284

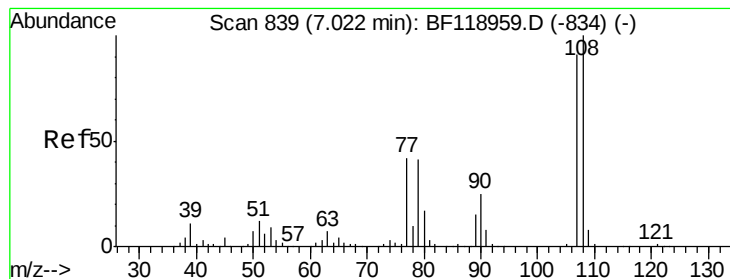
Ion Ratio Lower Upper

45 100

77 31.3 6.1 46.1

79 25.1 0.5 40.5

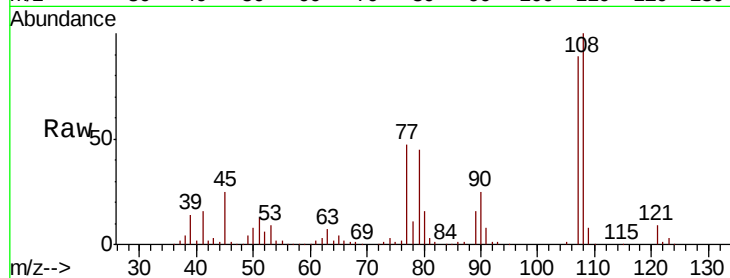




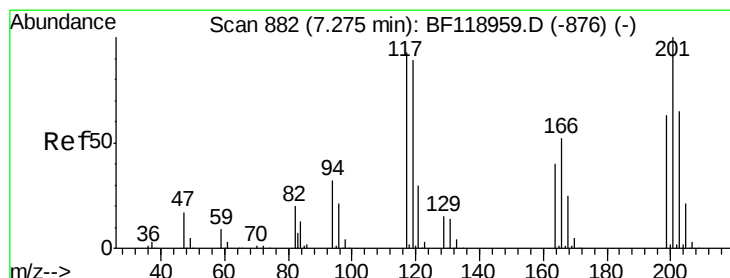
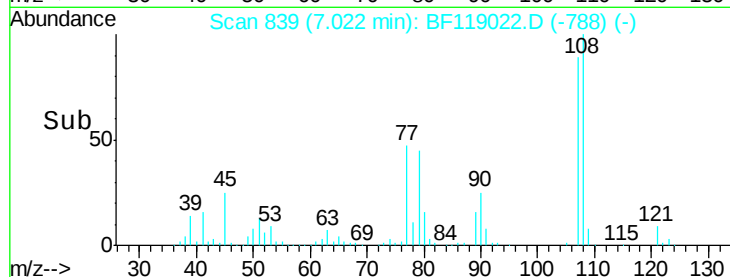
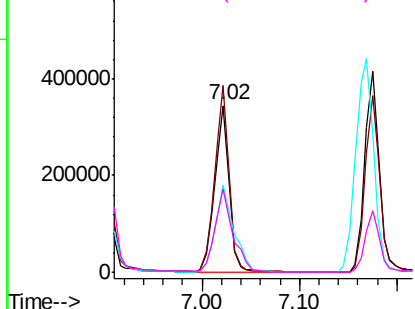
#17
2-Methylphenol
Concen: 41.304 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 352690
Ion Ratio Lower Upper
107 100
108 112.1 87.7 131.5
77 52.2 36.8 55.2
79 50.2 36.4 54.6

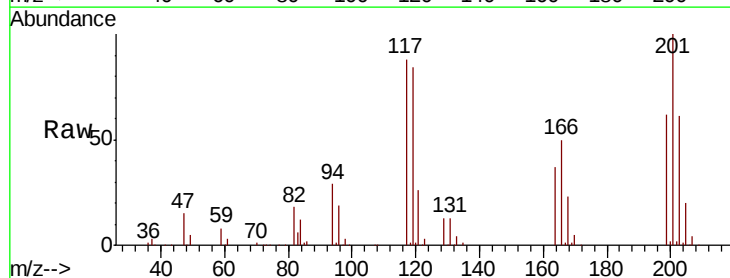


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

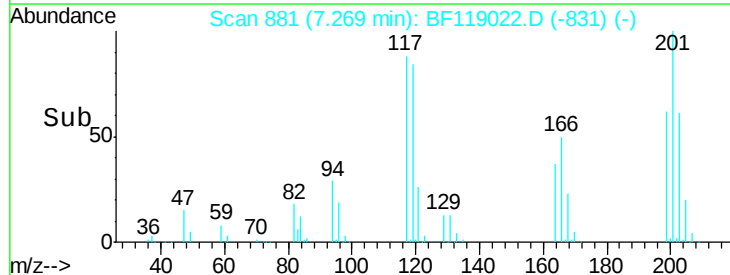
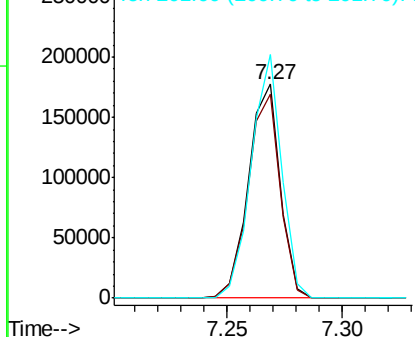


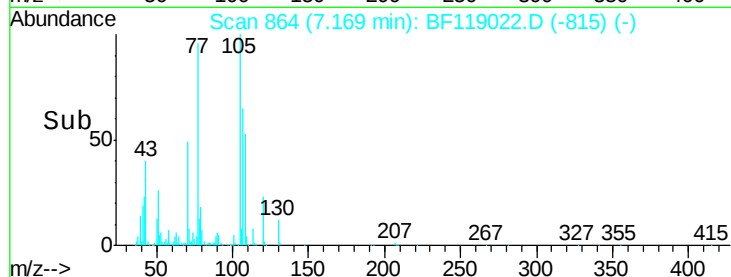
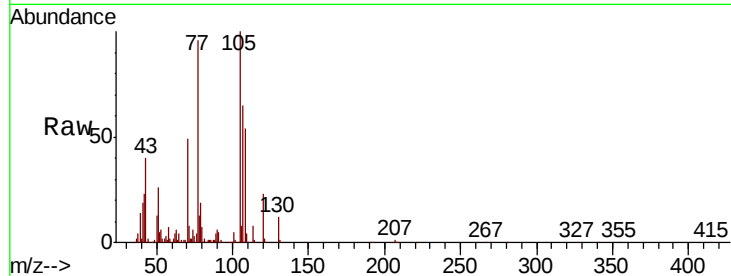
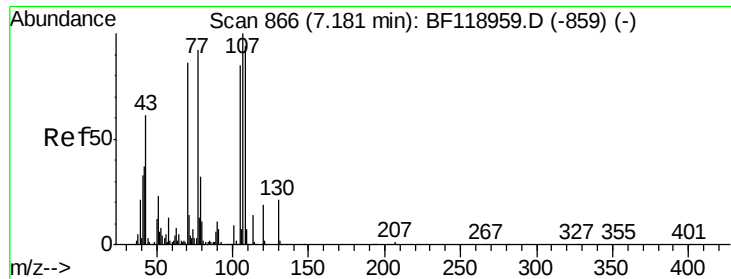
#18
Hexachloroethane
Concen: 37.817 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:117 Resp: 170903
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6
201 113.9 86.4 129.6



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

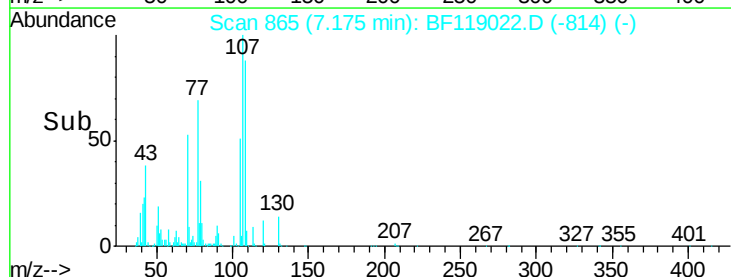
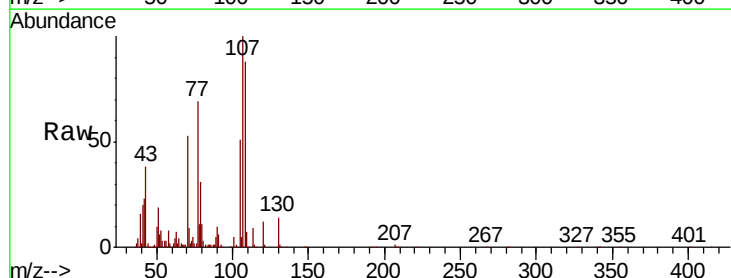
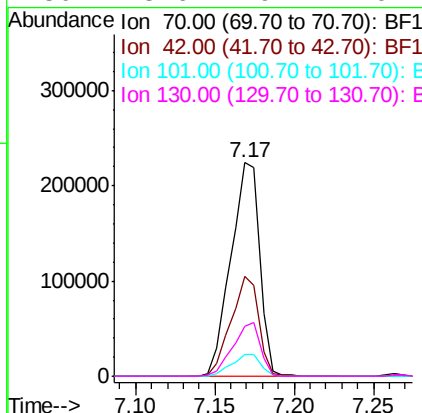




#19
n-Nitroso-di-n-propylamine
Concen: 40.797 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

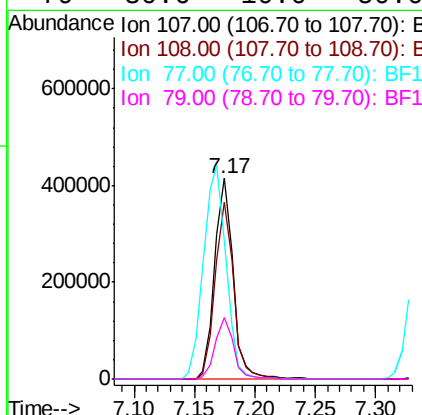
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 282150
Ion Ratio Lower Upper
70 100
42 46.6 34.6 51.8
101 10.2 8.1 12.1
130 23.6 19.4 29.2



#20
3+4-Methylphenols
Concen: 41.648 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion: 107 Resp: 435688
Ion Ratio Lower Upper
107 100
108 88.2 67.0 107.0
77 69.2 106.2 146.2#
79 30.6 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 627650

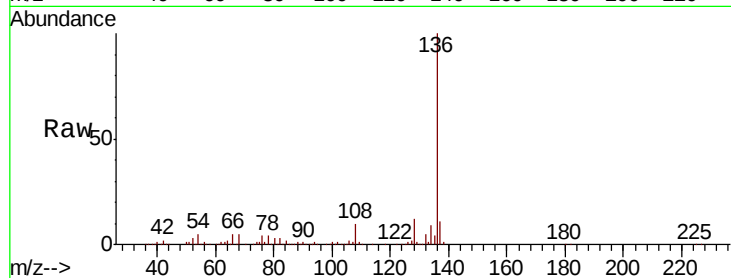
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.9 3.8 5.6

68 4.8 4.2 6.2

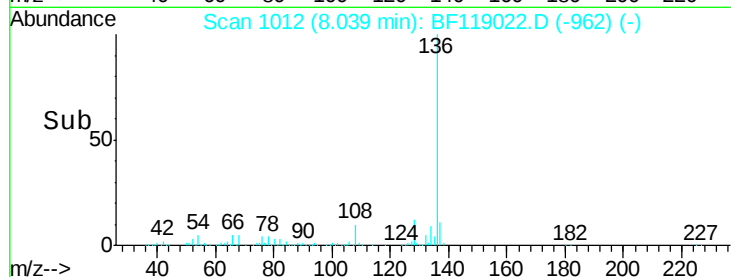


Abundance Ion 136.00 (135.70 to 136.70): E

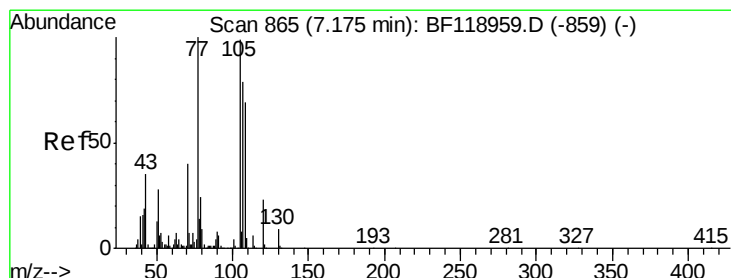
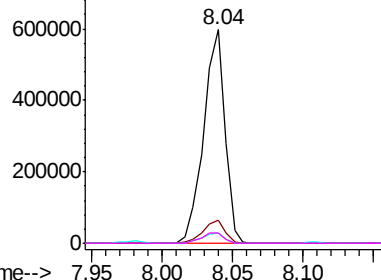
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.950 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:105 Resp: 565643

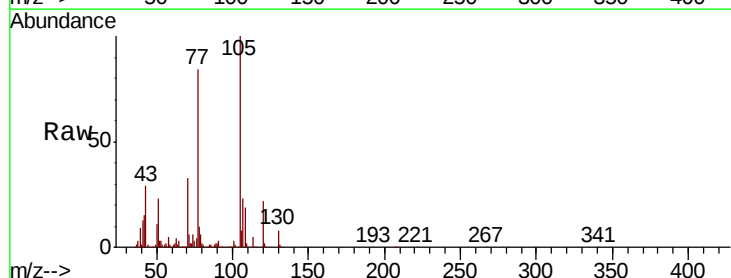
Ion Ratio Lower Upper

105 100

71 5.7 5.4 8.0

51 23.0 22.5 33.7

120 22.3 18.4 27.6

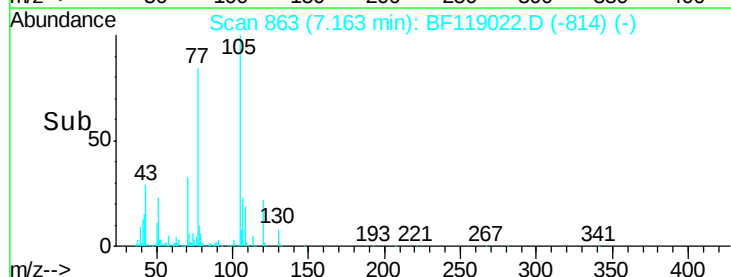


Abundance Ion 105.00 (104.70 to 105.70): E

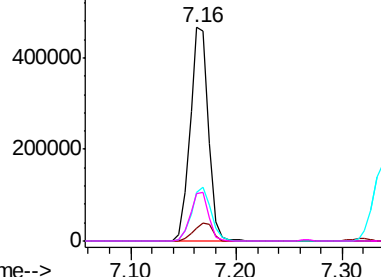
Ion 71.00 (70.70 to 71.70): BF1

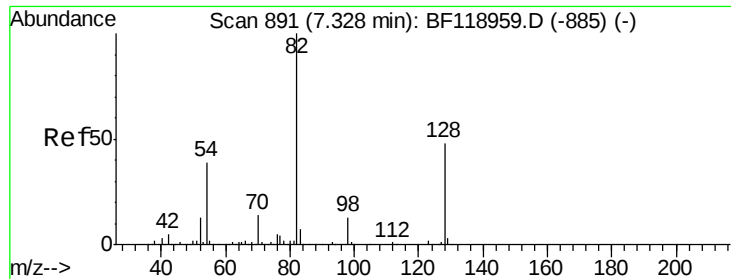
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

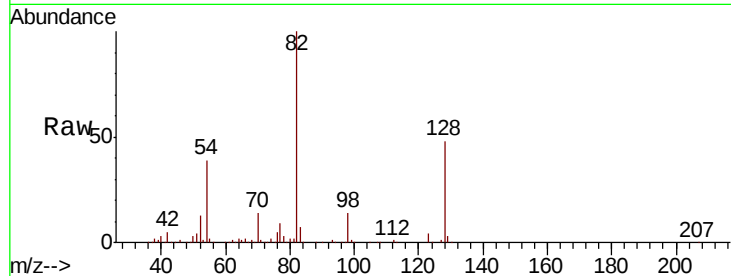




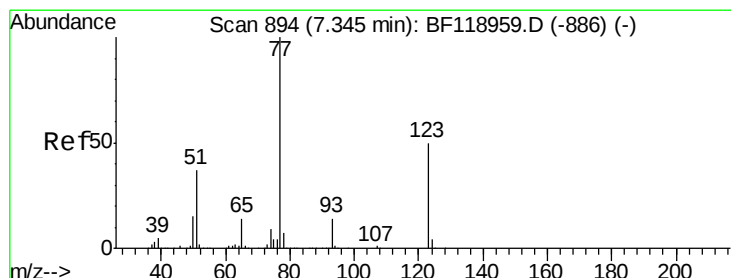
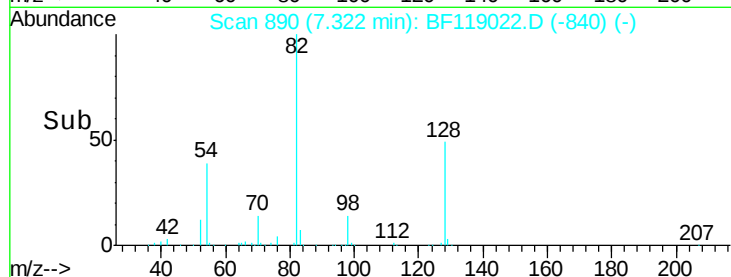
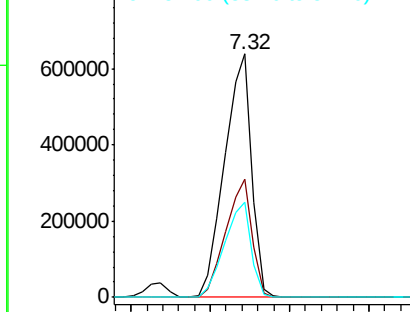
#23
 Nitrobenzene-d5
 Concen: 63.389 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	753524
Ion Ratio	Lower	Upper	
82	100		
128	48.4	38.2	57.2
54	39.3	31.3	46.9

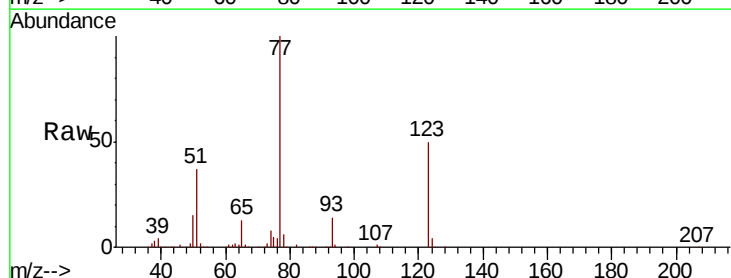


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

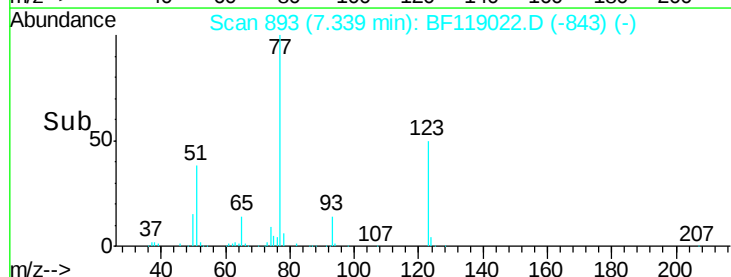
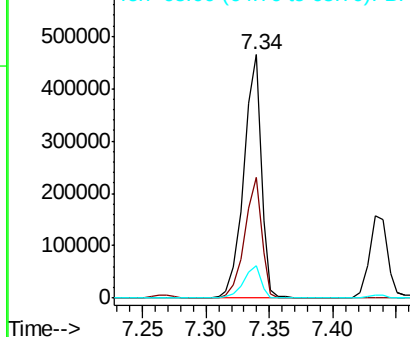


#24
 Nitrobenzene
 Concen: 37.548 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	77	Resp	441393
Ion Ratio	Lower	Upper	
77	100		
123	49.7	40.1	60.1
65	13.1	10.9	16.3



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

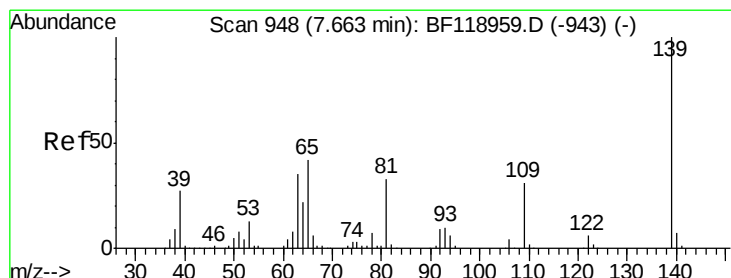
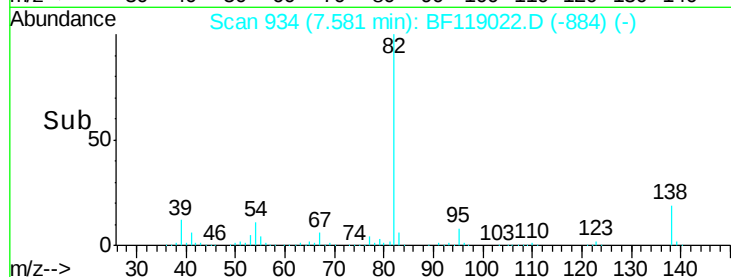
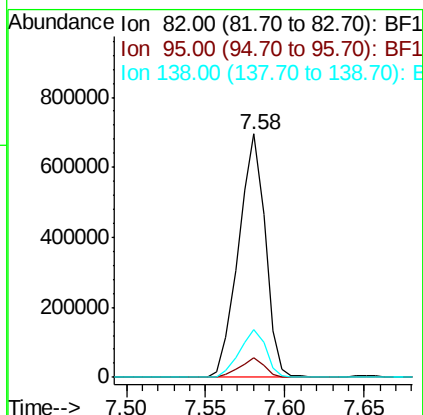
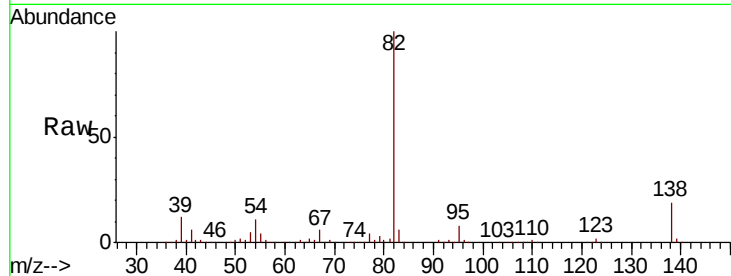




#25
Isophorone
Concen: 39.401 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

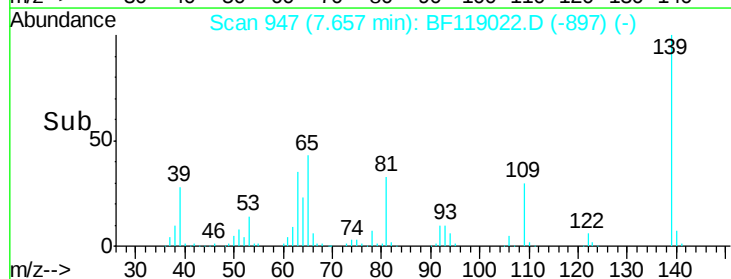
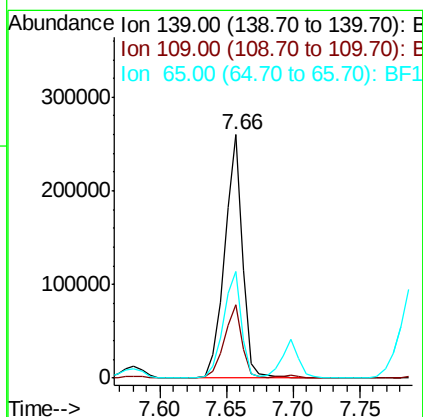
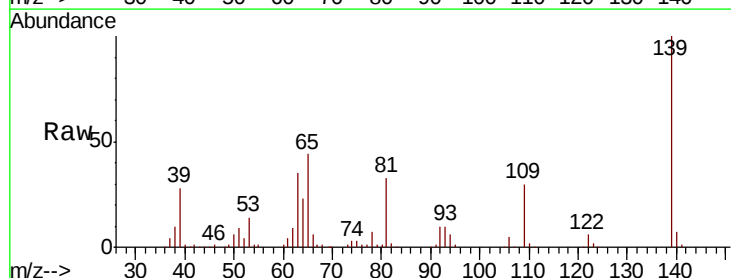
Instrument :
BNA_F
ClientSampleId :

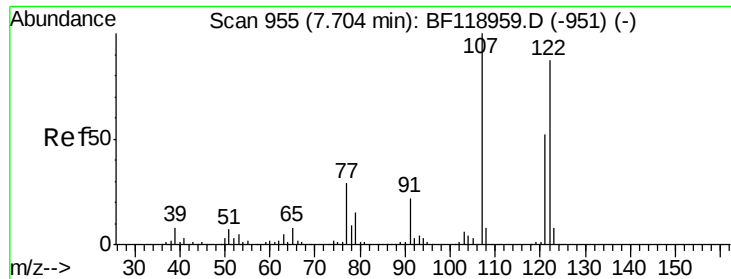
Tot Ion: 82 Resp: 813431
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 19.5 15.8 23.6



#26
2-Nitrophenol
Concen: 39.408 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion: 139 Resp: 245457
Ion Ratio Lower Upper
139 100
109 30.1 24.6 36.8
65 43.6 33.6 50.4

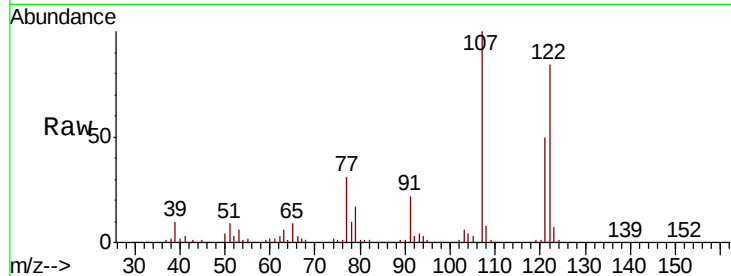




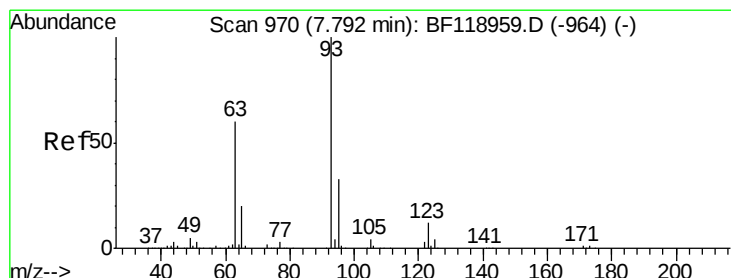
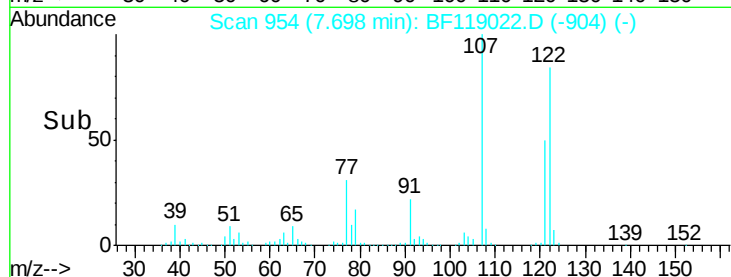
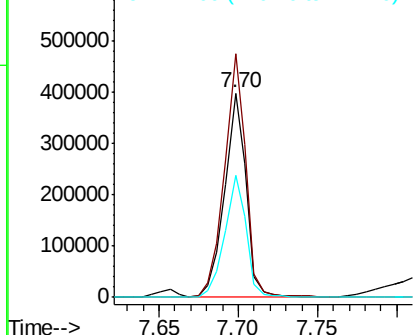
#27
2,4-Dimethylphenol
Concen: 44.089 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 372695
Ion Ratio Lower Upper
122 100
107 119.4 91.8 137.8
121 60.0 47.4 71.0

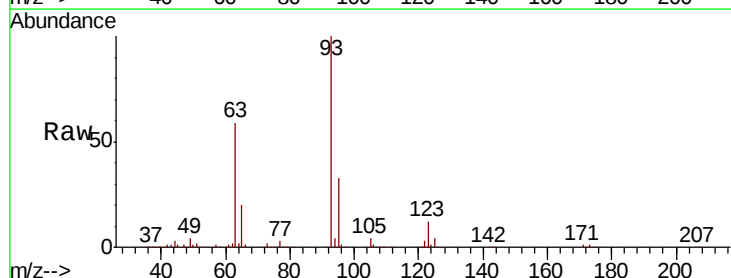


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

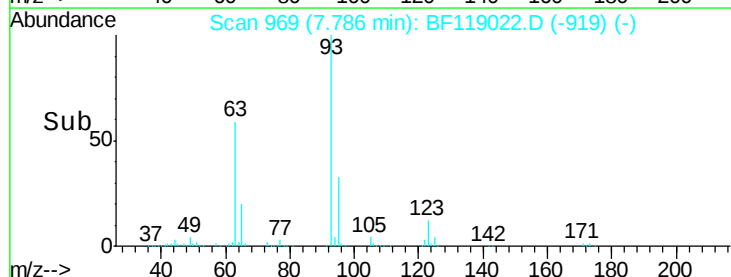
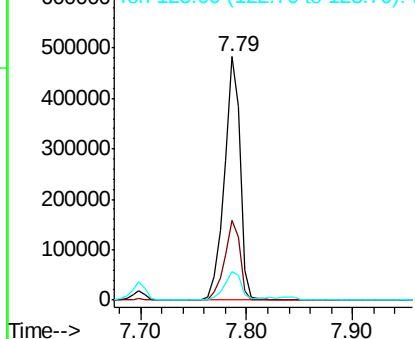


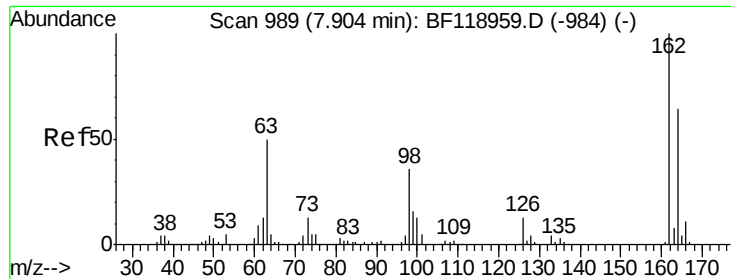
#28
bis(2-Chloroethoxy)methane
Concen: 37.107 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion: 93 Resp: 498623
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 12.0 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

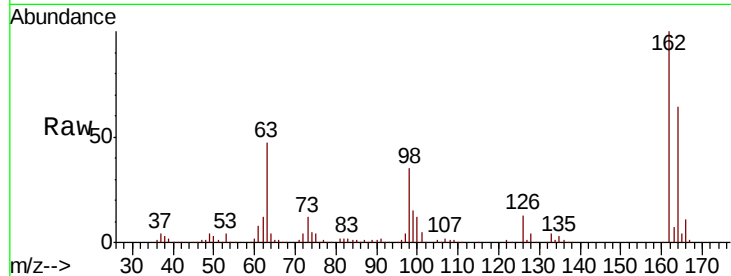




#29
 2,4-Dichlorophenol
 Concen: 38.927 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.1	84.1
98	35.0	16.4	56.4

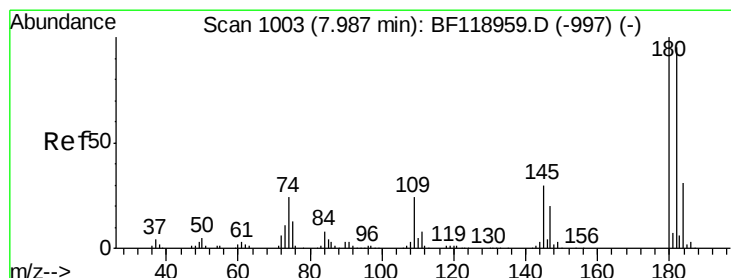
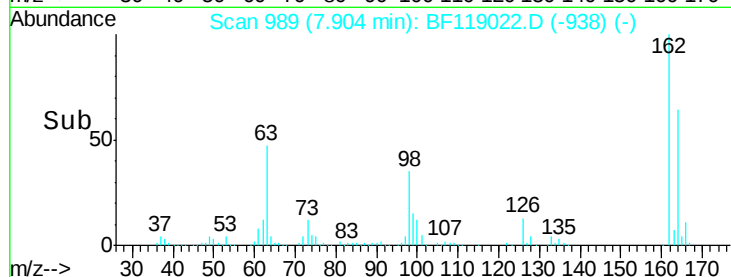
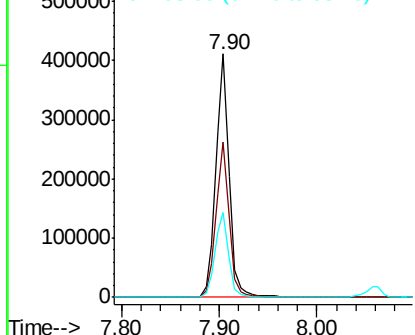


Abundance

Ion 162.00 (161.70 to 162.70): E

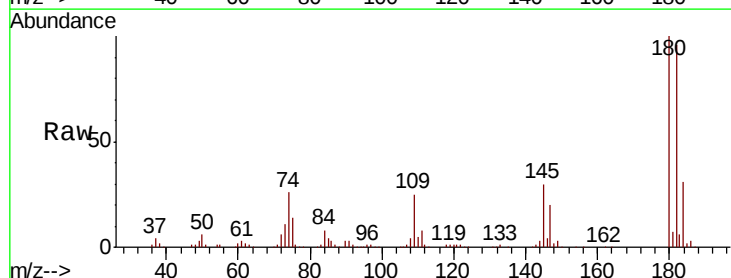
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.861 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	30.4	24.2	36.2

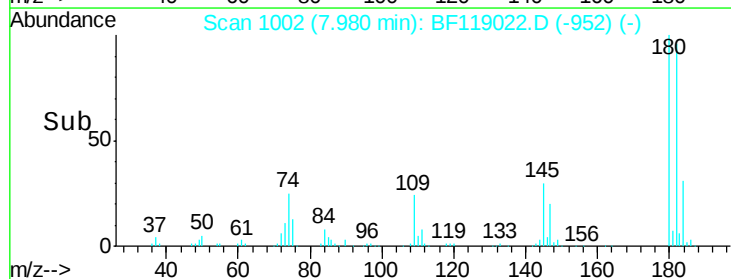
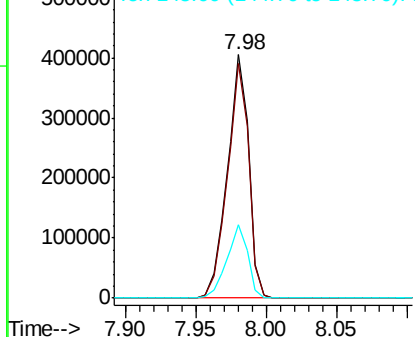


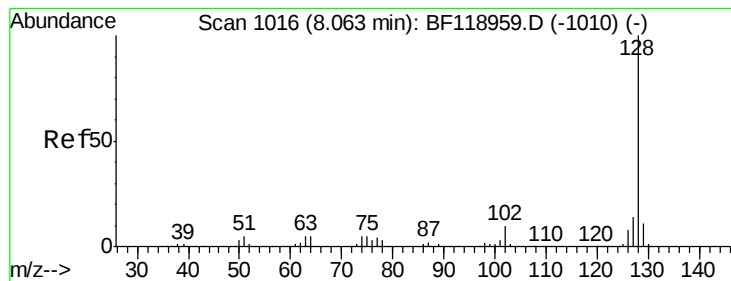
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.091 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

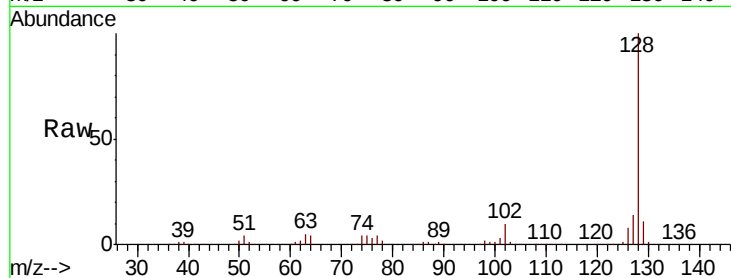
Tot Ion:128 Resp: 1239912

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

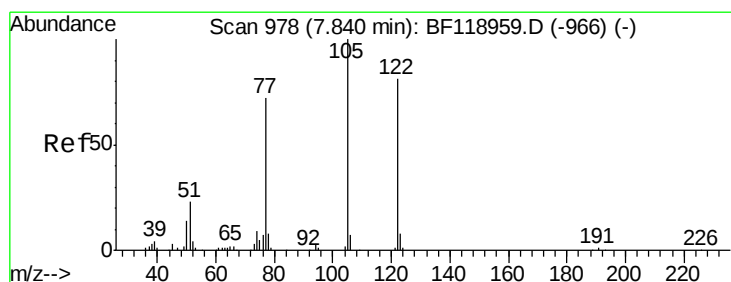
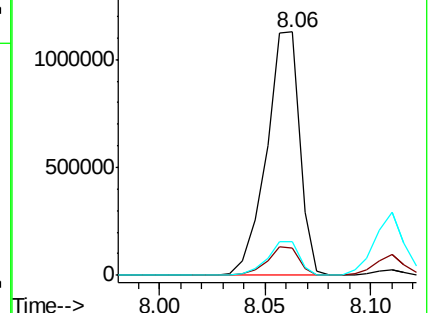
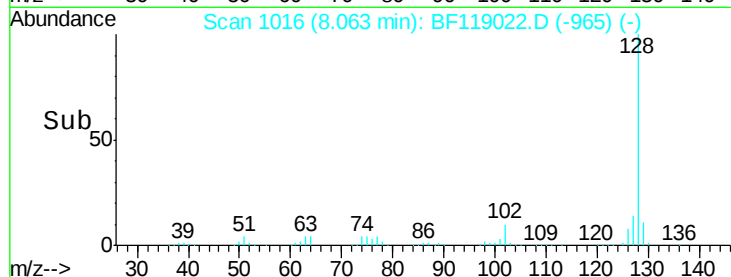
127 13.7 10.9 16.3



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: 35.334 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

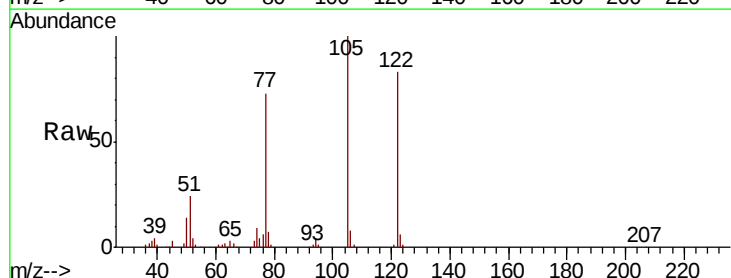
Tgt Ion:122 Resp: 205311

Ion Ratio Lower Upper

122 100

105 120.8 102.2 142.2

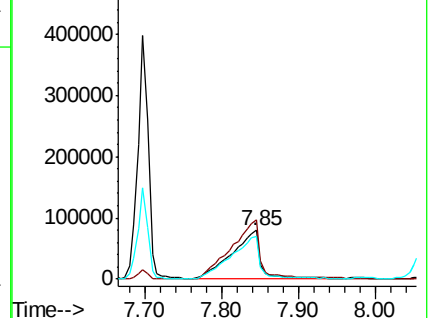
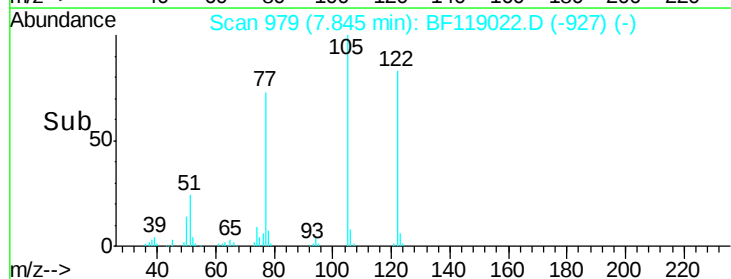
77 88.6 68.6 108.6



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

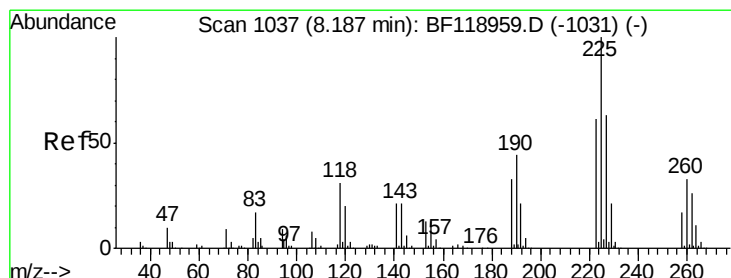
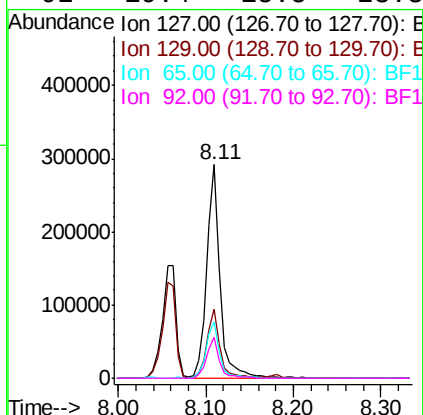
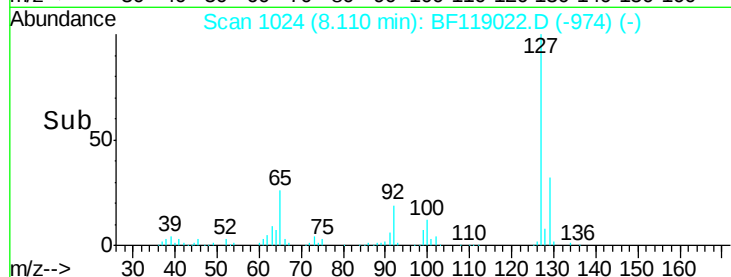
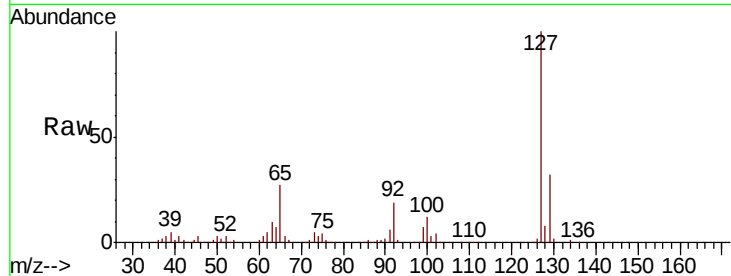




#33
4-Chloroaniline
Concen: 22.208 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

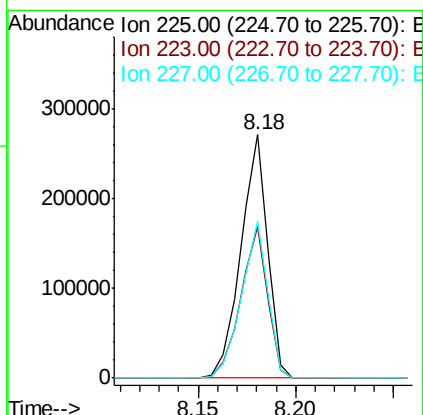
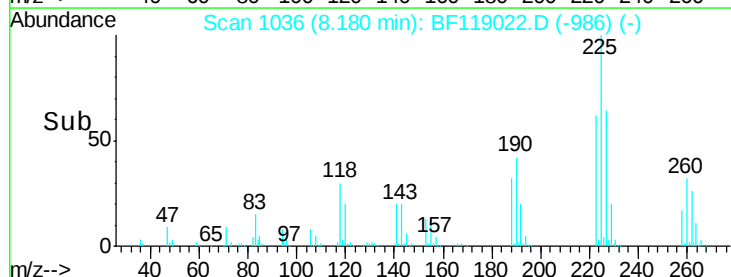
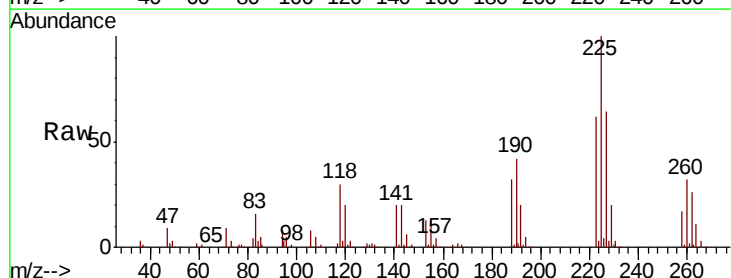
Instrument :
BNA_F
ClientSampleId :

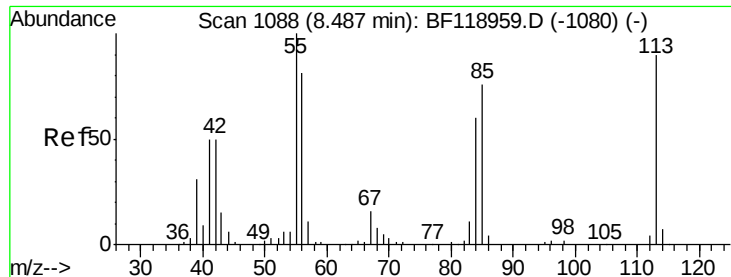
Tot Ion:	127	Resp:	310925
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	26.5	22.0	33.0
92	19.4	15.5	23.3



#34
Hexachlorobutadiene
Concen: 34.857 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:	225	Resp:	256184
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.9	73.3
227	64.2	50.4	75.6





#35

Caprolactam

Concen: 21.300 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

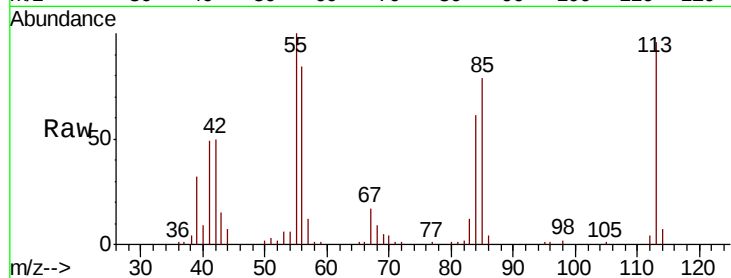
Tot Ion:113 Resp: 65268

Ion Ratio Lower Upper

113 100

55 103.9 90.8 130.8

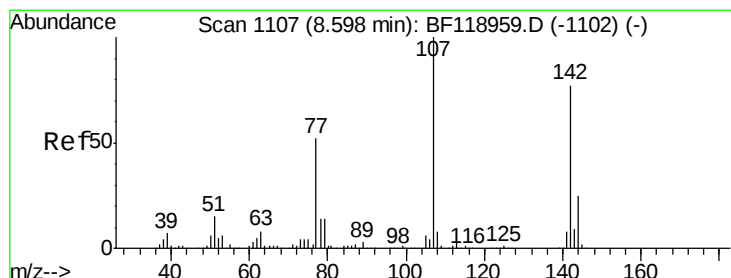
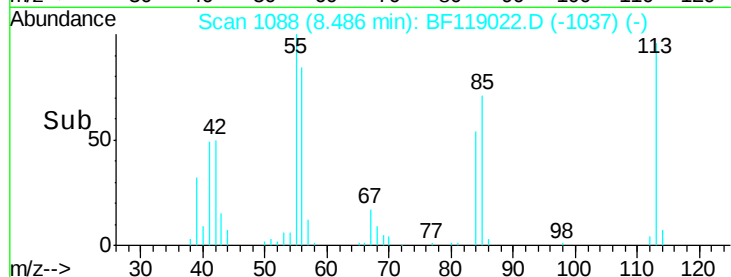
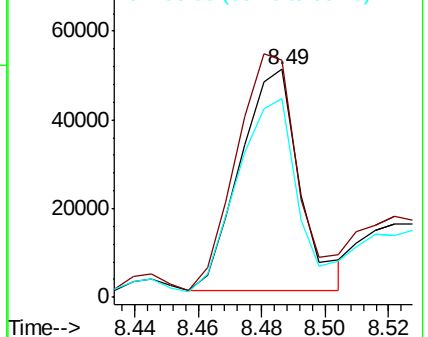
56 87.0 70.0 110.0



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: 40.411 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

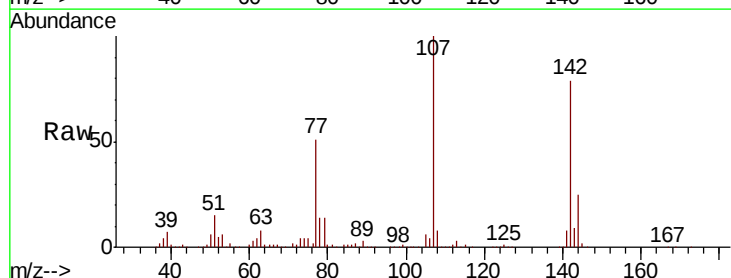
Tgt Ion:107 Resp: 406997

Ion Ratio Lower Upper

107 100

144 25.2 19.8 29.8

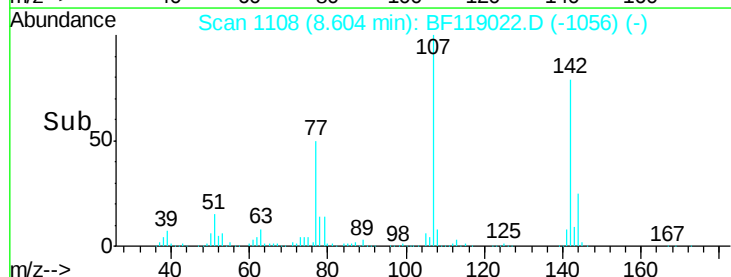
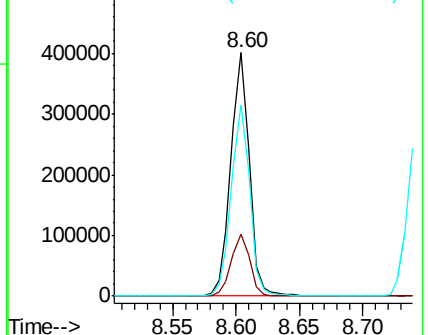
142 78.6 61.3 91.9

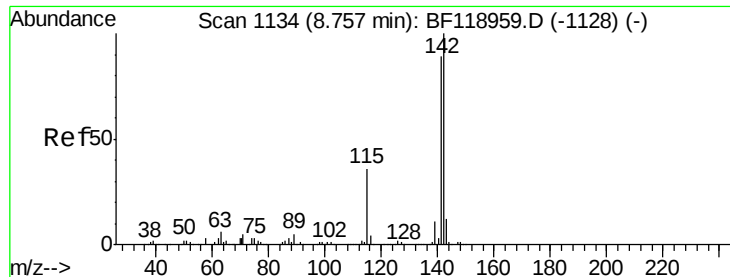


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

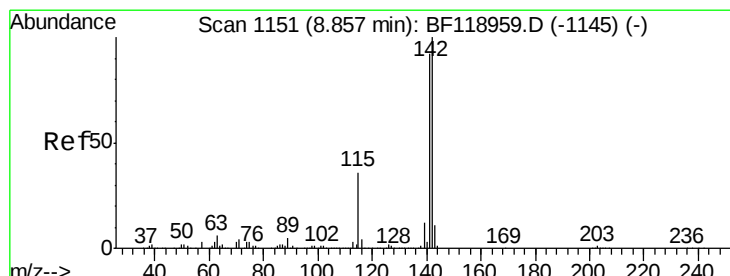
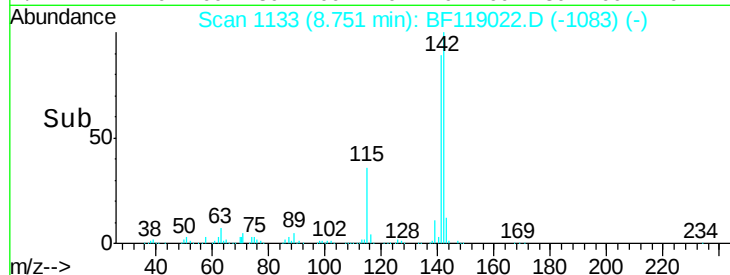
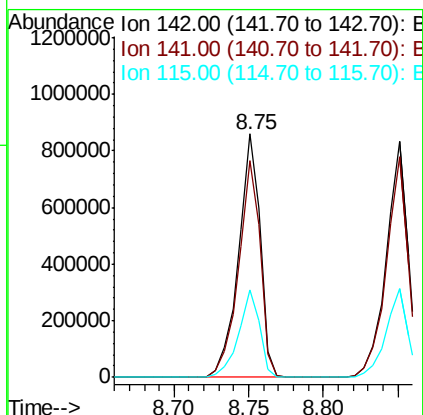
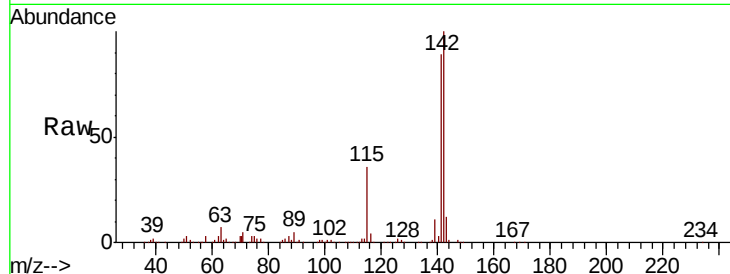




#37
2-Methylnaphthalene
Concen: 39.776 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

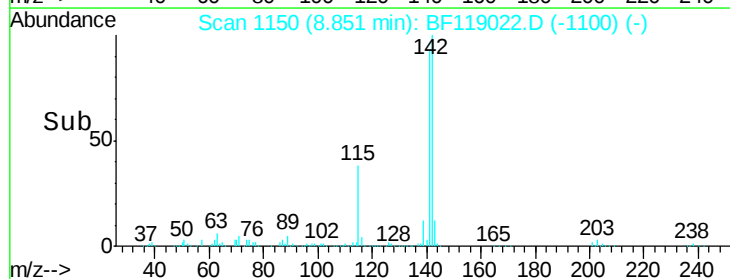
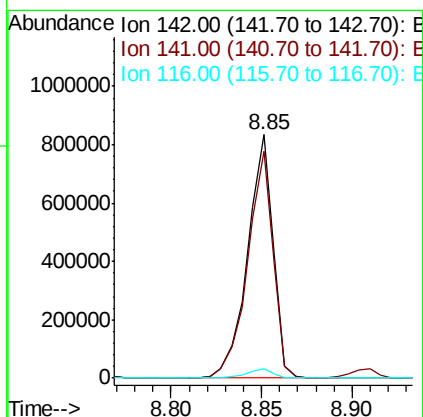
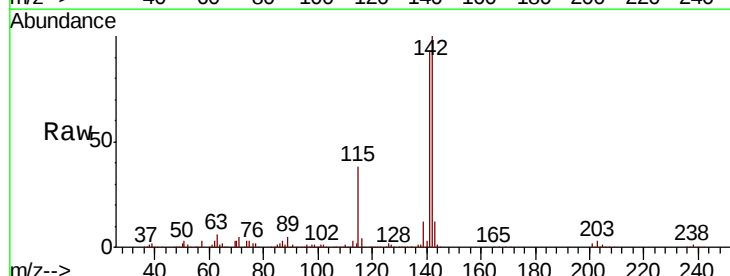
Instrument :
BNA_F
ClientSampled :

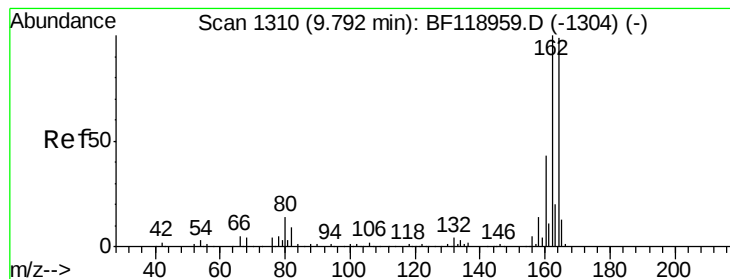
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4
115	35.8	28.6	42.8



#38
1-Methylnaphthalene
Concen: 39.320 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

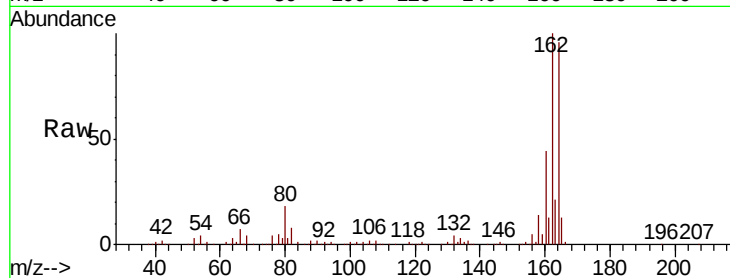
Tot Ion:164 Resp: 362766

Ion Ratio Lower Upper

164 100

162 103.6 81.2 121.8

160 45.4 35.2 52.8

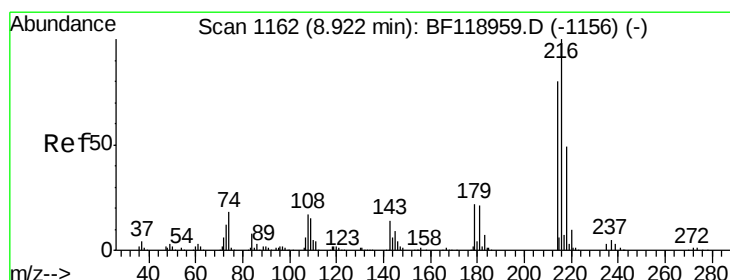
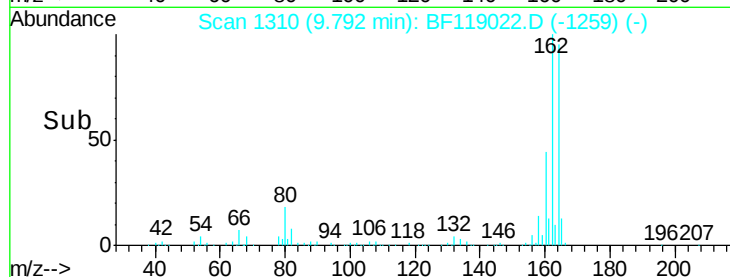


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.733 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:216 Resp: 437053

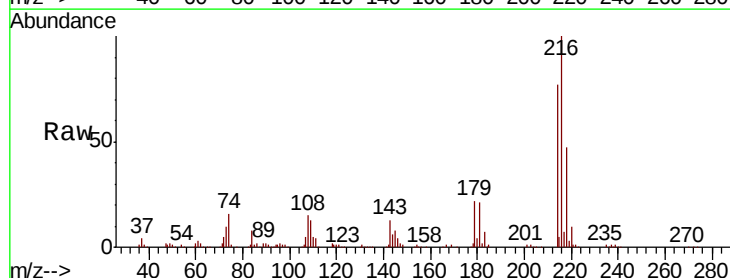
Ion Ratio Lower Upper

216 100

214 77.5 63.1 94.7

179 21.3 17.2 25.8

108 17.4 13.4 20.0



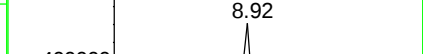
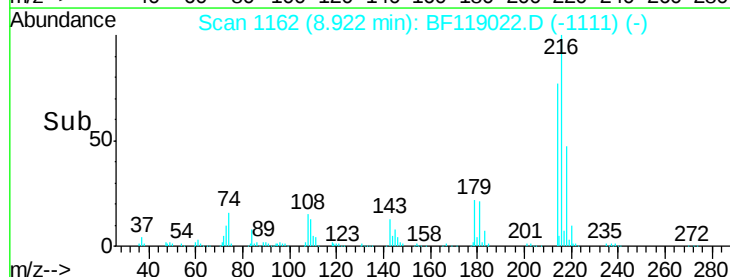
Abundance Ion 216.00 (215.70 to 216.70): E

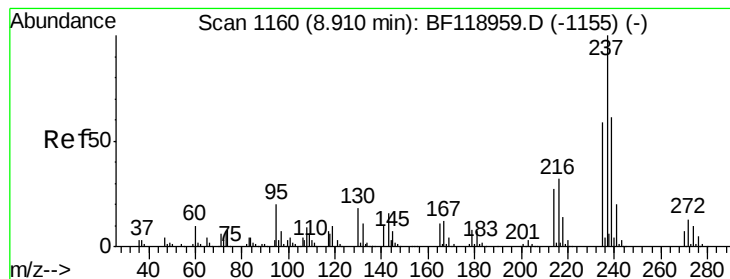
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->





#41

Hexachlorocyclopentadiene

Concen: 60.646 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

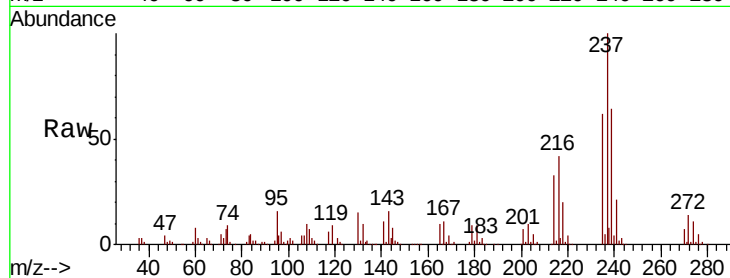
Tot Ion:237 Resp: 258532

Ion Ratio Lower Upper

237 100

235 62.5 39.4 79.4

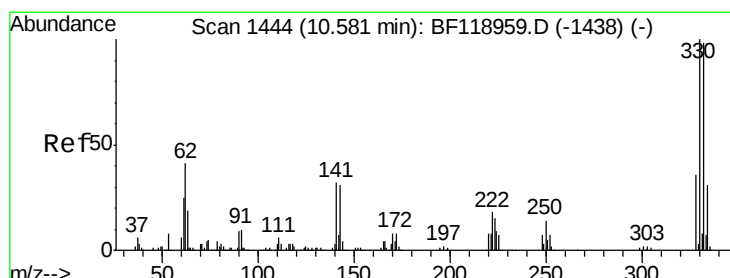
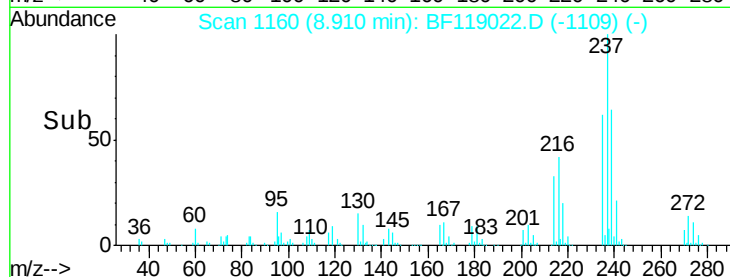
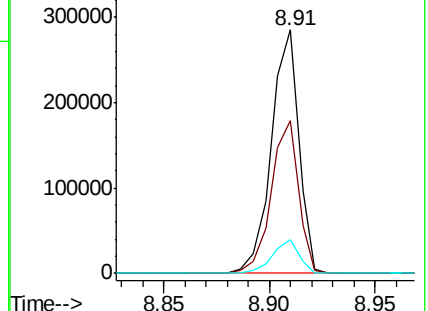
272 13.7 0.0 32.6



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: 102.252 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

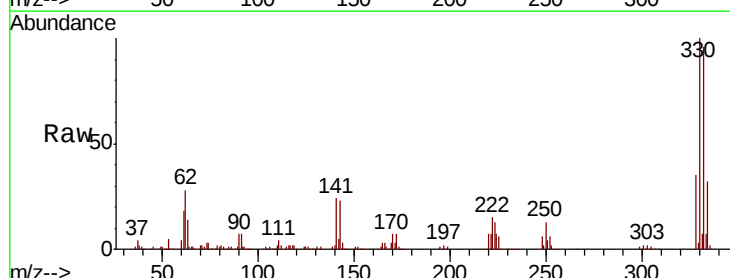
Tgt Ion:330 Resp: 485247

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

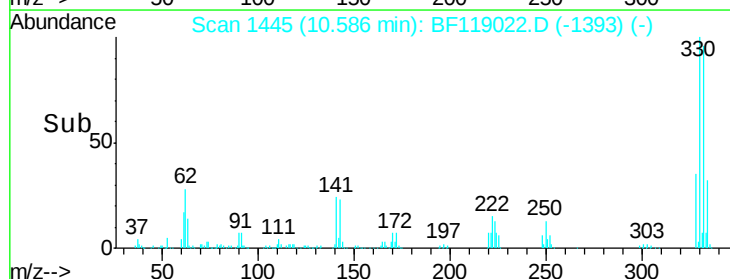
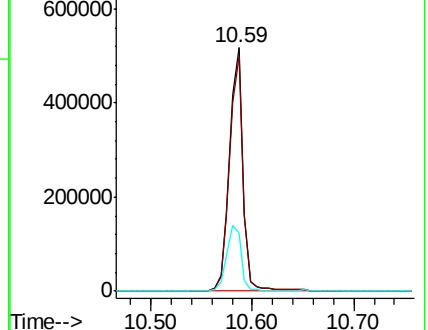
141 28.8 23.0 34.6

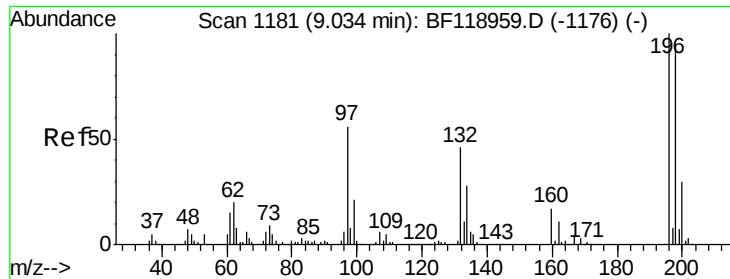


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

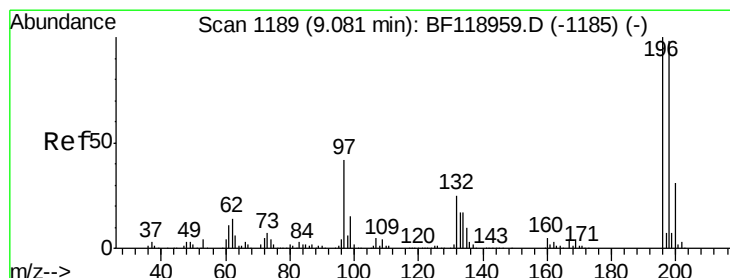
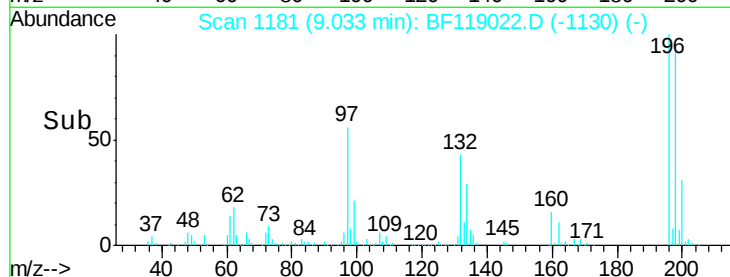
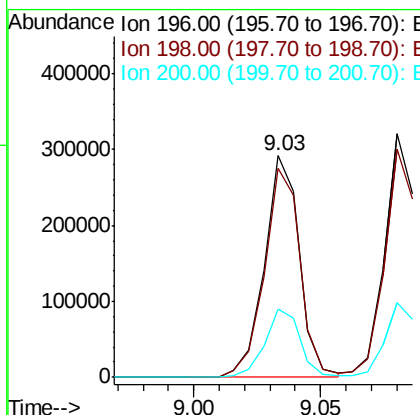
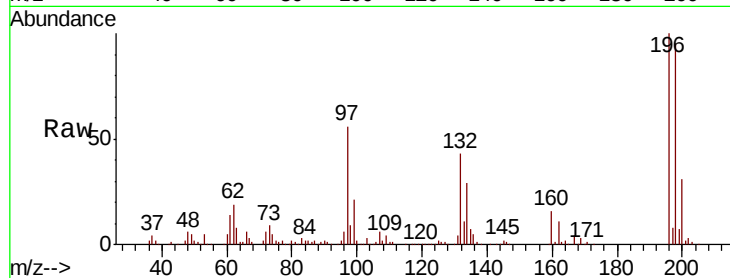




#43
 2,4,6-Trichlorophenol
 Concen: 36.664 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

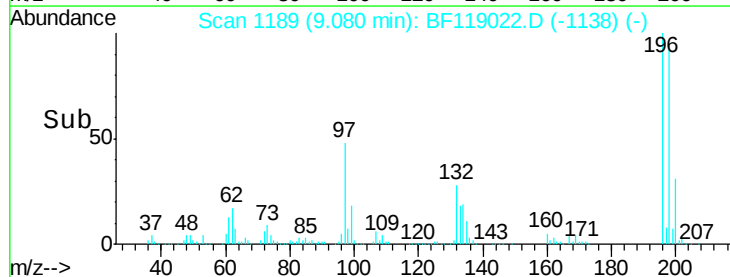
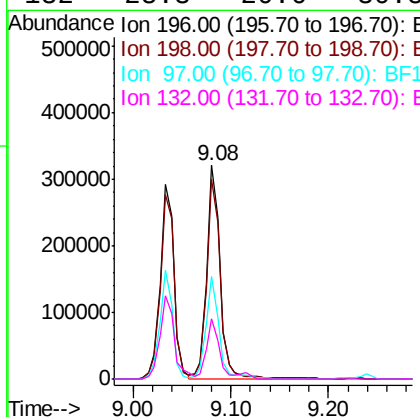
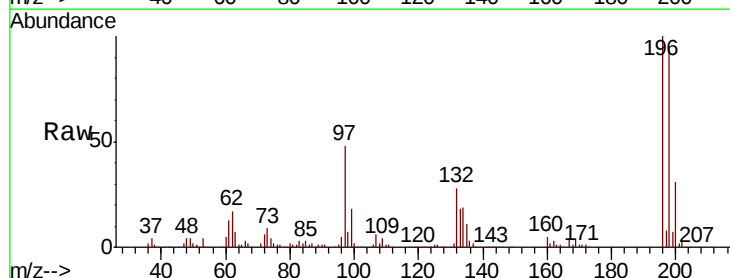
Instrument :
 BNA_F
 ClientSampleId :

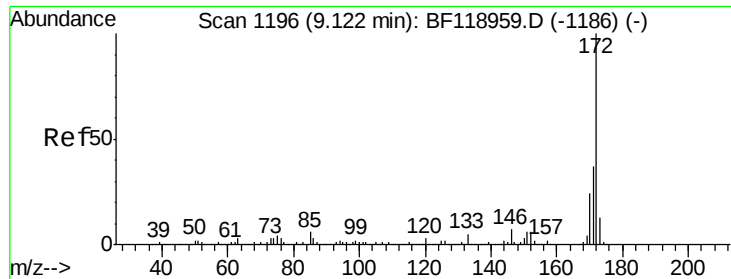
Tot Ion:196 Resp: 283187
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.8 113.6
 200 30.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.560 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:196 Resp: 304421
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.4 117.6
 97 47.7 33.4 50.0
 132 28.3 20.6 30.8

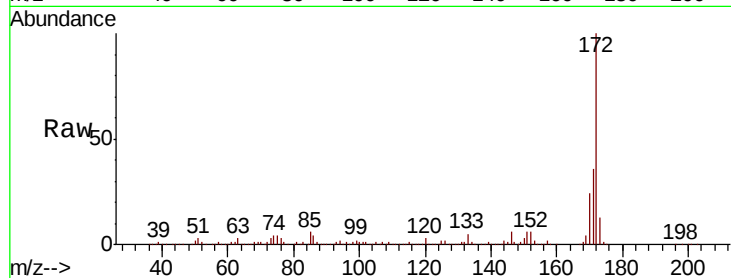




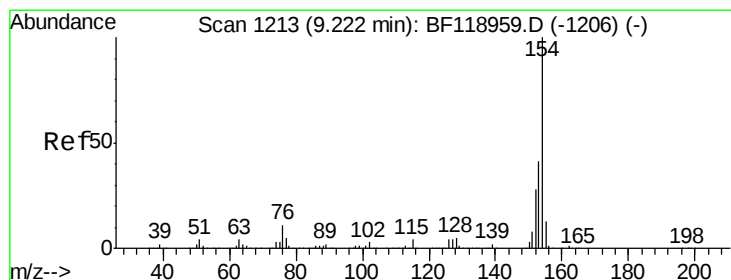
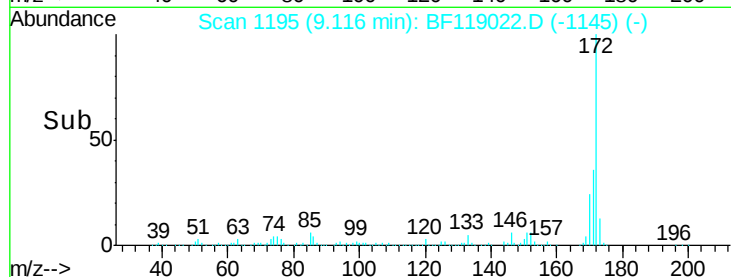
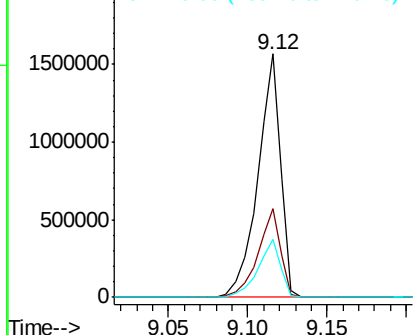
#45
2-Fluorobiphenyl
Concen: 63.589 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1565869
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.1 19.6 29.4

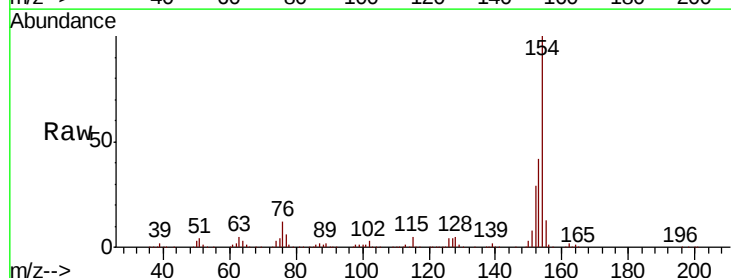


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

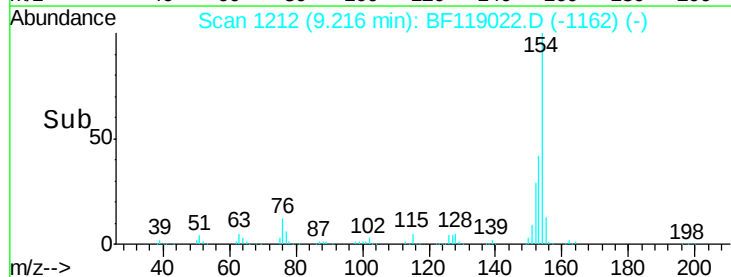
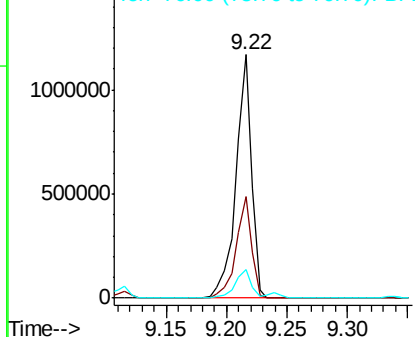


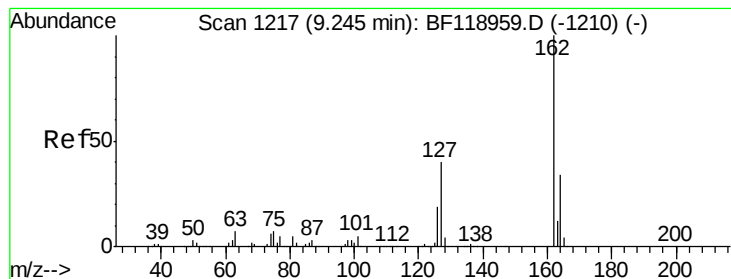
#46
1,1'-Biphenyl
Concen: 35.900 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:154 Resp: 1052556
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 11.9 0.0 31.1



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





#47

2-Chloronaphthalene

Concen: 35.849 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

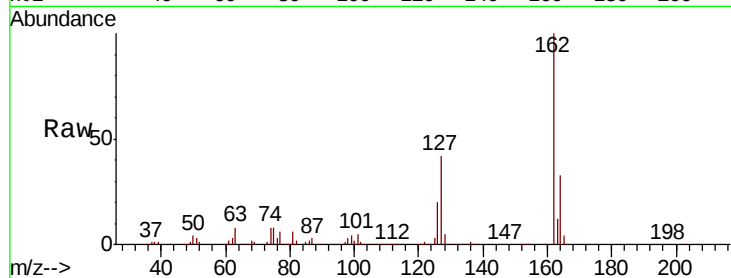
Tot Ion:162 Resp: 846985

Ion Ratio Lower Upper

162 100

127 42.0 31.9 47.9

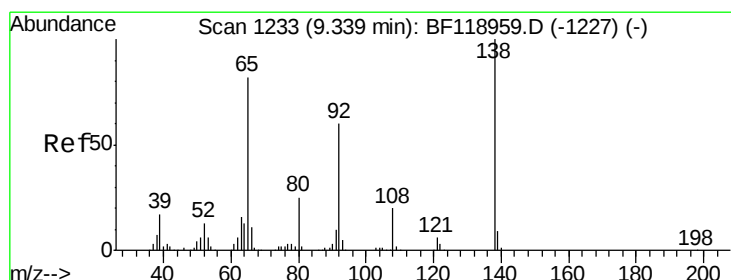
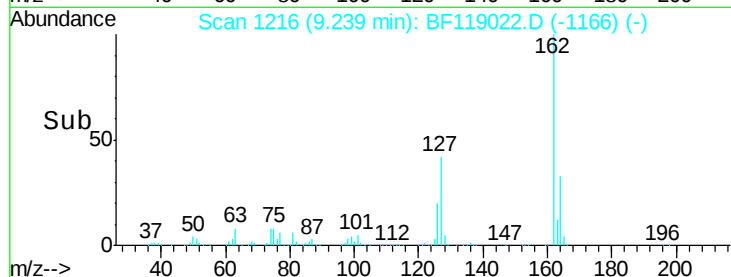
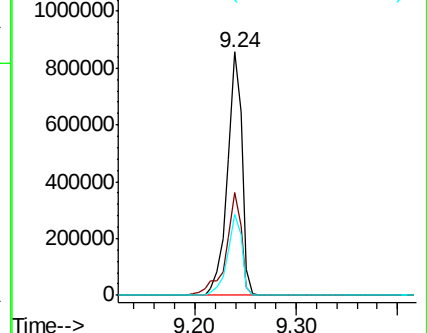
164 33.2 26.8 40.2



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: 35.696 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

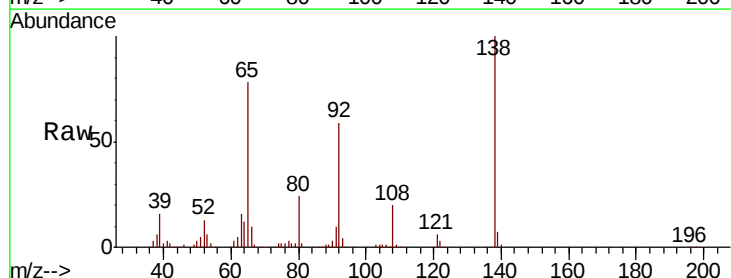
Tgt Ion: 65 Resp: 235233

Ion Ratio Lower Upper

65 100

92 76.0 58.6 87.8

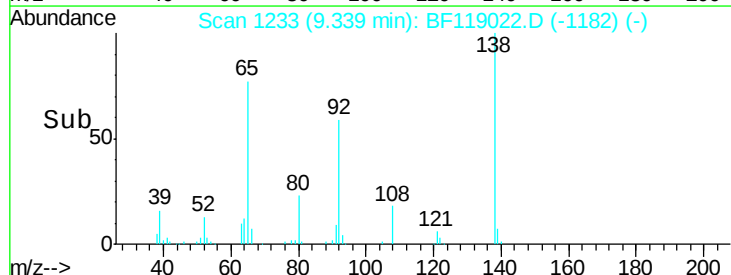
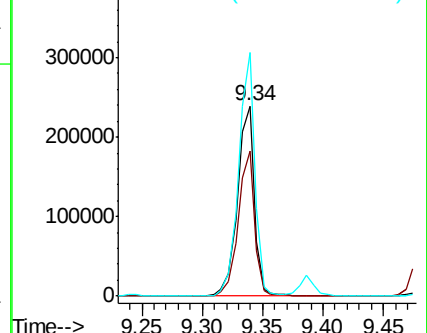
138 128.0 97.5 146.3

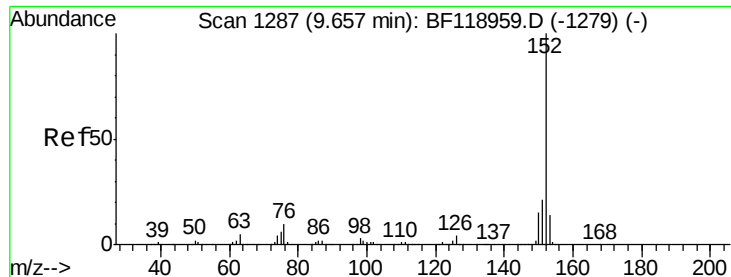


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.250 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

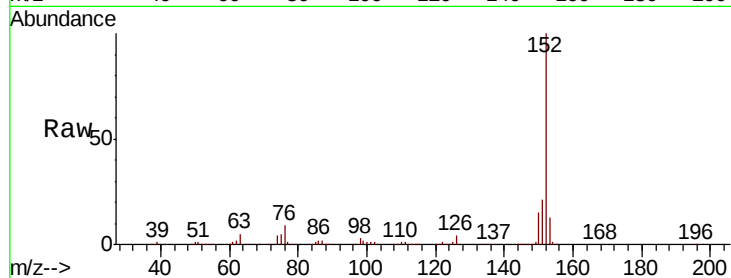
Tot Ion:152 Resp: 1305236

Ion Ratio Lower Upper

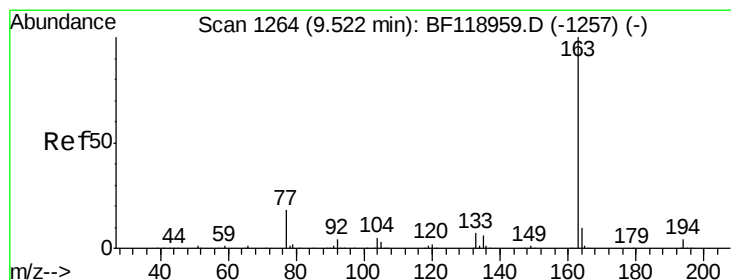
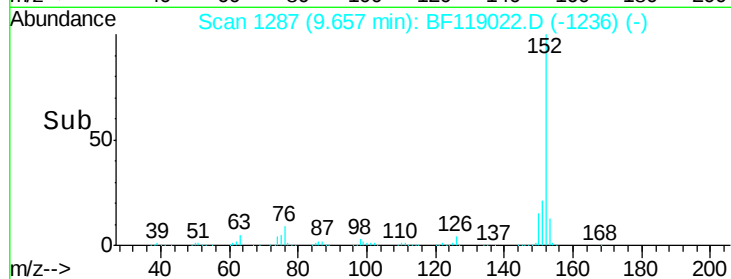
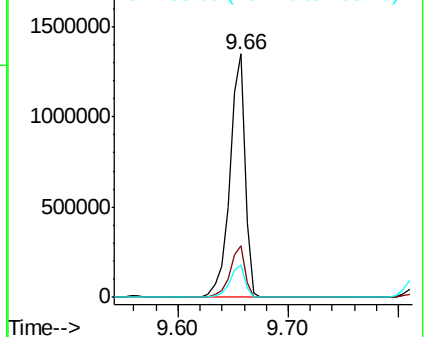
152 100

151 21.0 16.7 25.1

153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.284 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

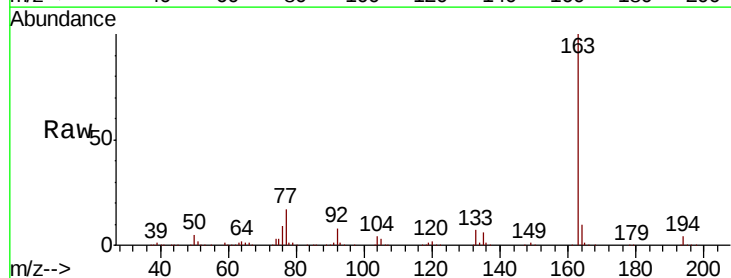
Tgt Ion:163 Resp: 1034262

Ion Ratio Lower Upper

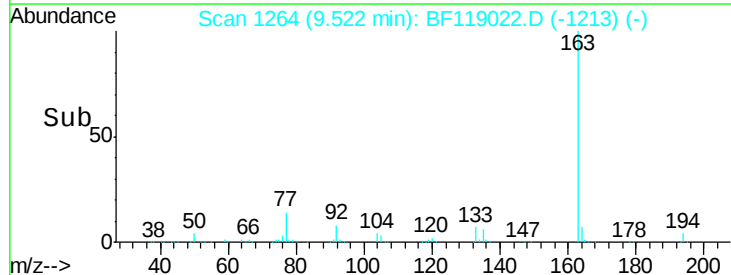
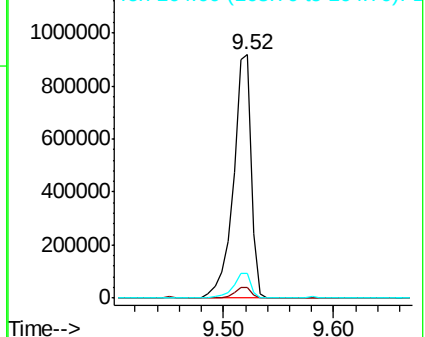
163 100

194 4.3 3.4 5.2

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.122 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

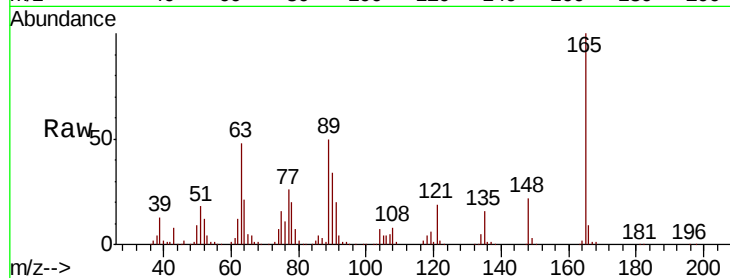
Tot Ion:165 Resp: 234945

Ion Ratio Lower Upper

165 100

63 47.6 37.9 56.9

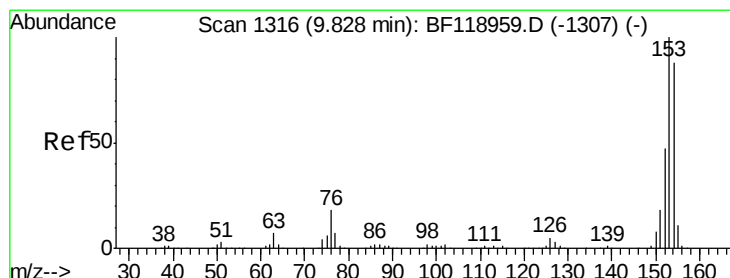
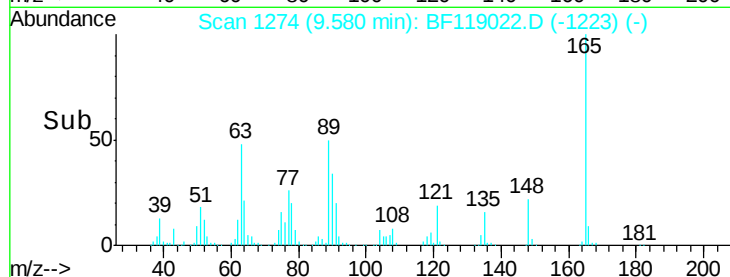
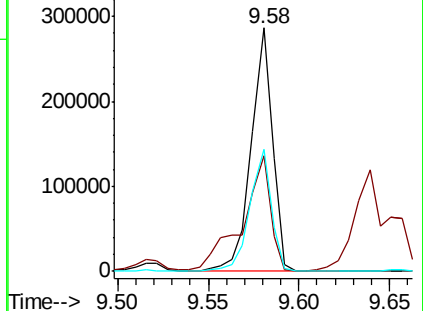
89 50.0 41.4 62.0



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: 37.089 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

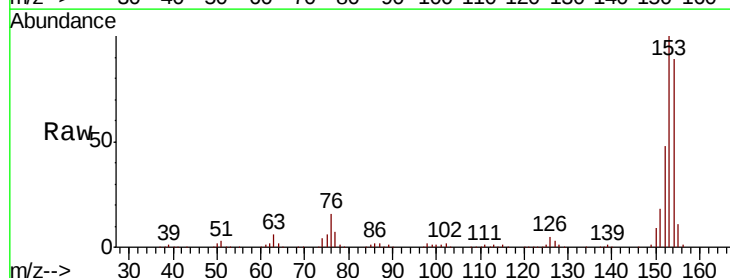
Tgt Ion:154 Resp: 763144

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

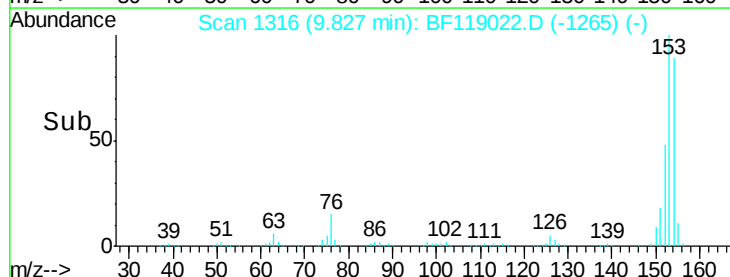
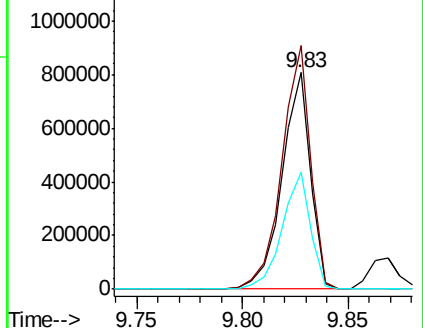
152 54.1 42.9 64.3



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

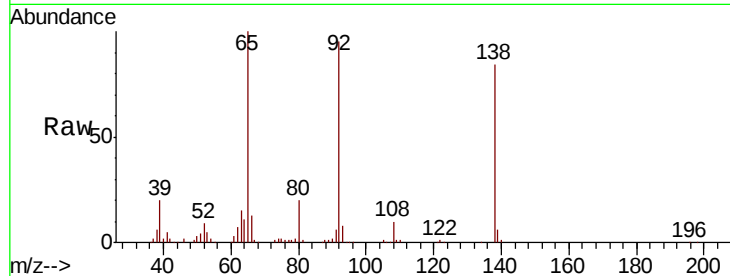




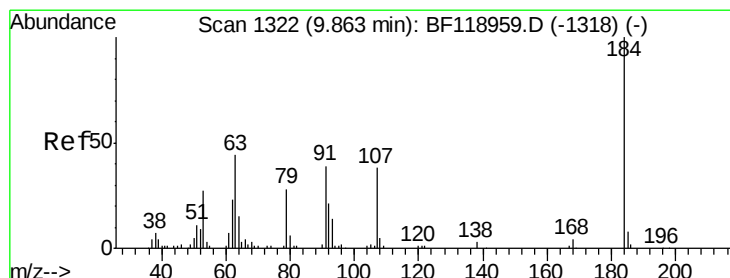
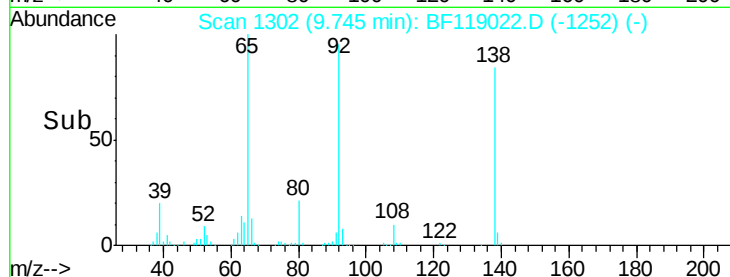
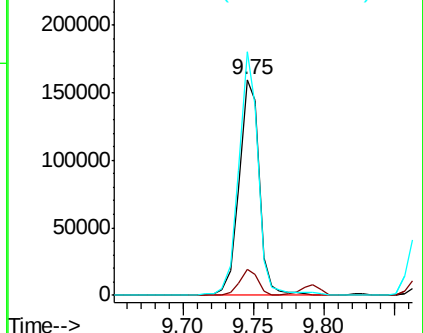
#53
3-Nitroaniline
Concen: 23.304 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 159226
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 112.7 84.6 127.0

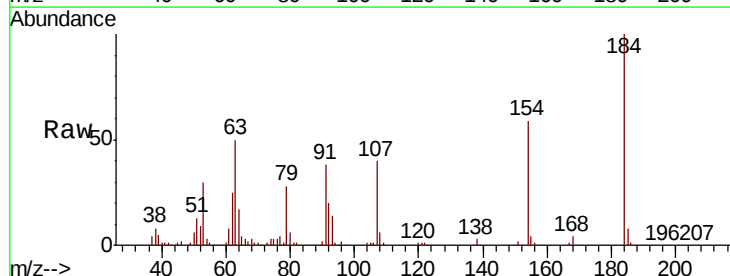


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

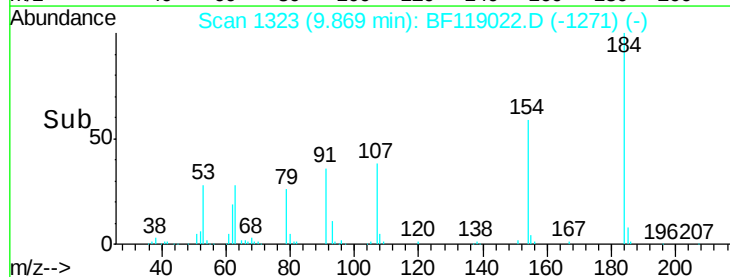
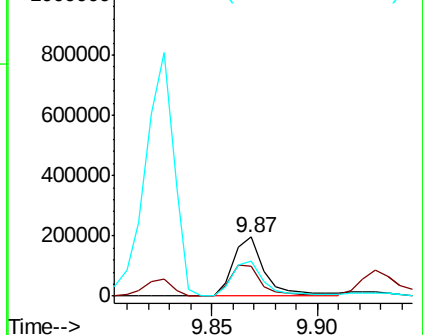


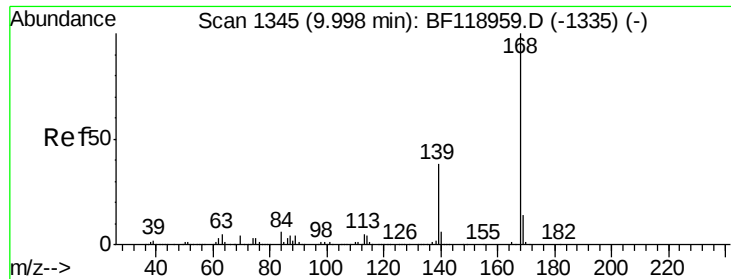
#54
2,4-Dinitrophenol
Concen: 69.264 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:184 Resp: 204158
Ion Ratio Lower Upper
184 100
63 49.6 37.8 56.6
154 59.3 47.6 71.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

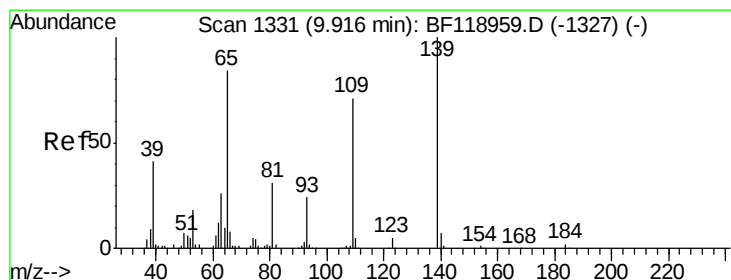
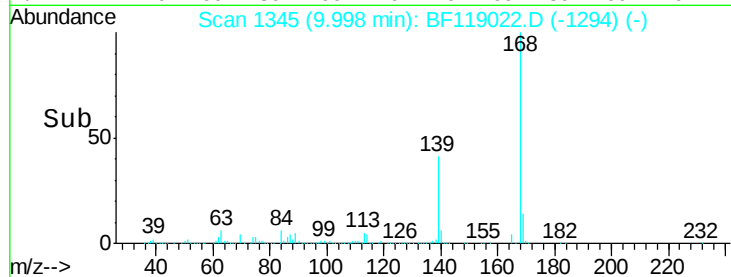
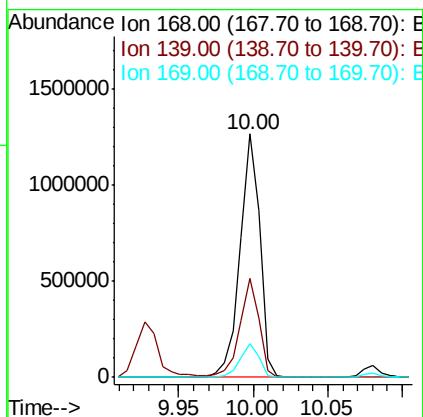
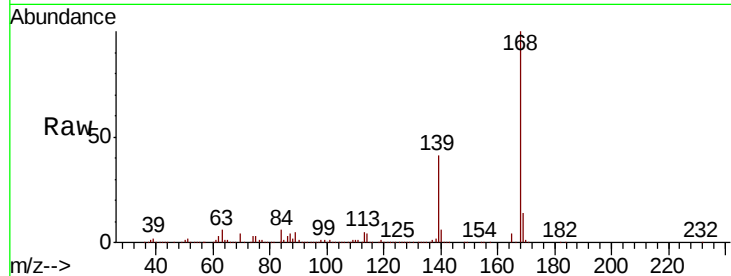




#55
Dibenzofuran
Concen: 38.137 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

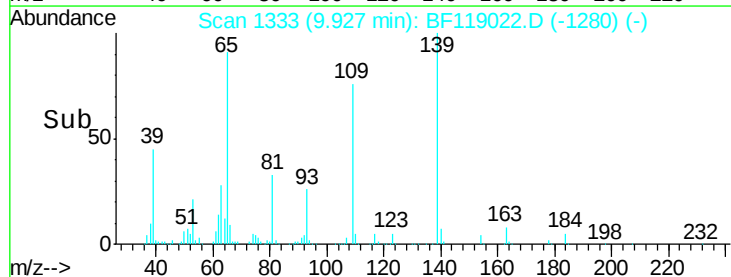
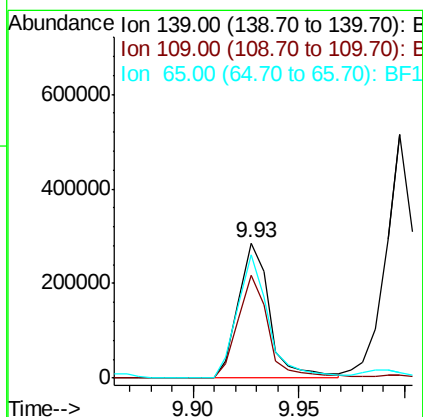
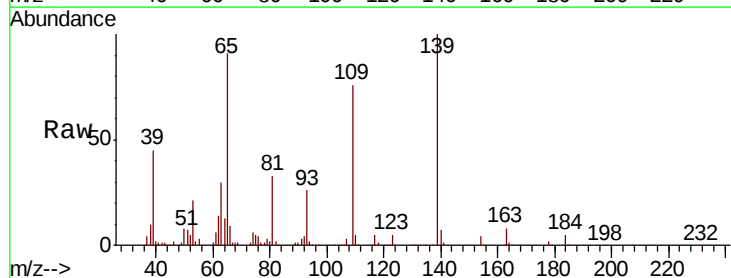
Instrument :
BNA_F
ClientSampleId :

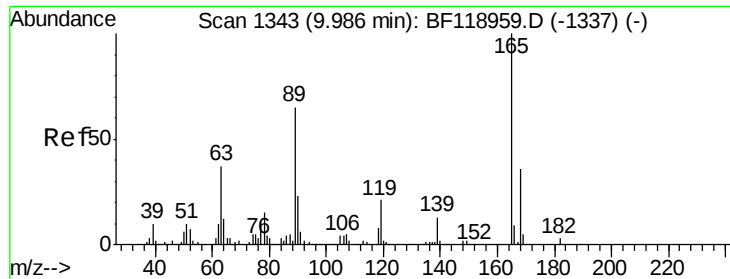
Tot Ion:168 Resp: 1171251
Ion Ratio Lower Upper
168 100
139 40.7 31.7 47.5
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 72.634 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:139 Resp: 298169
Ion Ratio Lower Upper
139 100
109 75.5 51.1 91.1
65 90.9 64.7 104.7

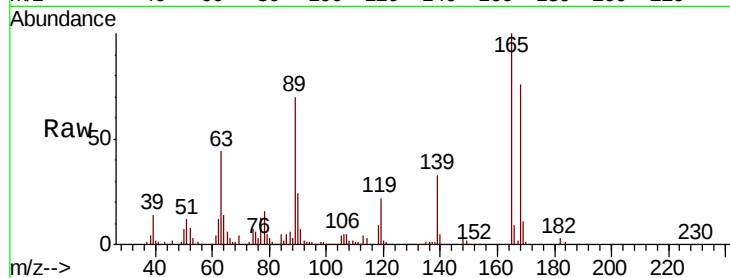




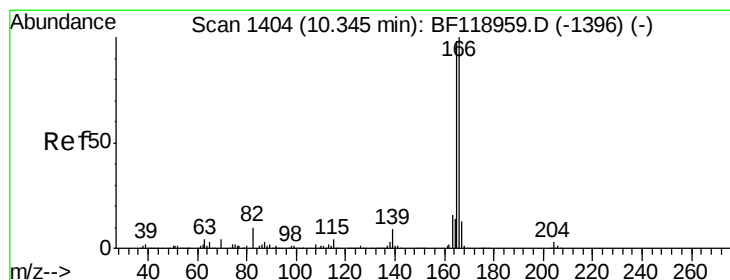
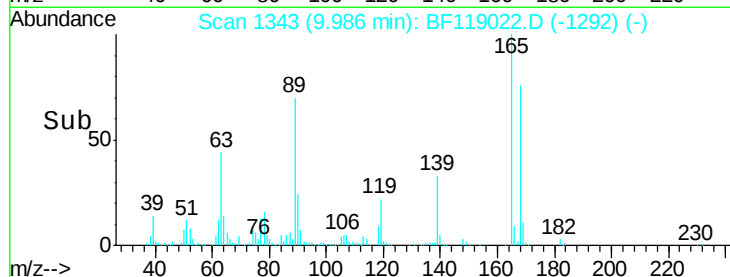
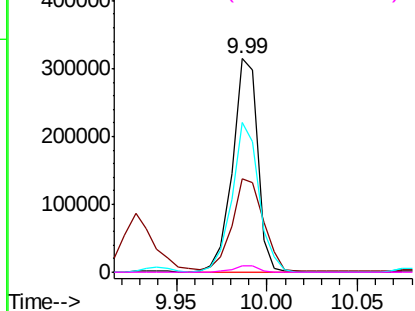
#57
2,4-Dinitrotoluene
Concen: 38.189 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	305066
Ion Ratio	Lower	Upper
165	100	
63	44.0	29.8 44.8
89	70.2	51.9 77.9
182	3.0	2.3 3.5

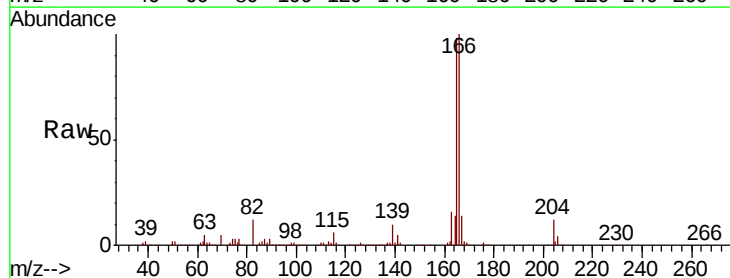


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

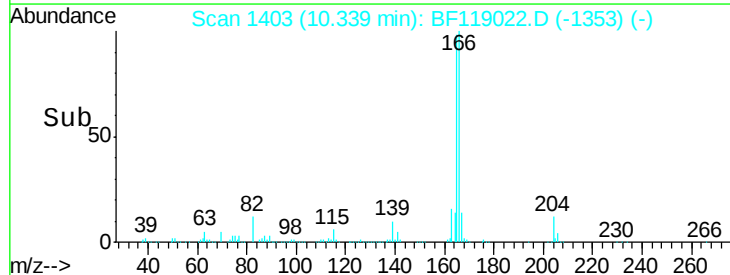
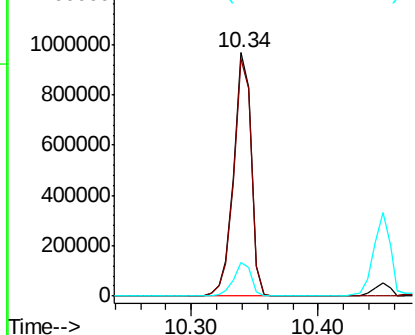


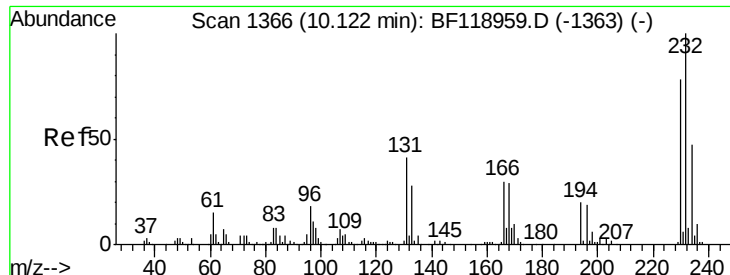
#58
Fluorene
Concen: 38.327 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:166	Resp:	914676
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.2 117.4
167	13.7	10.6 16.0



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

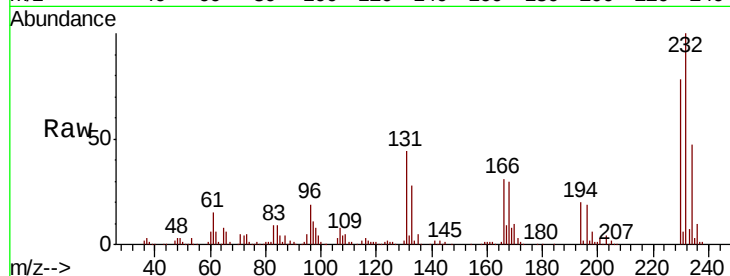




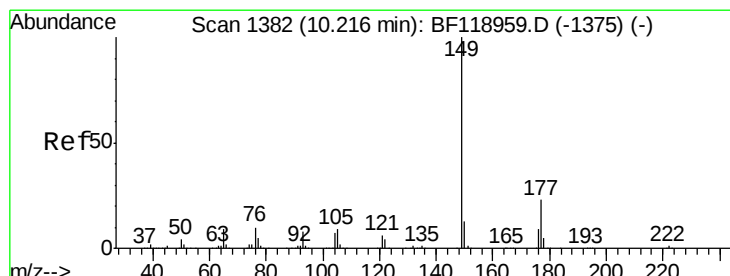
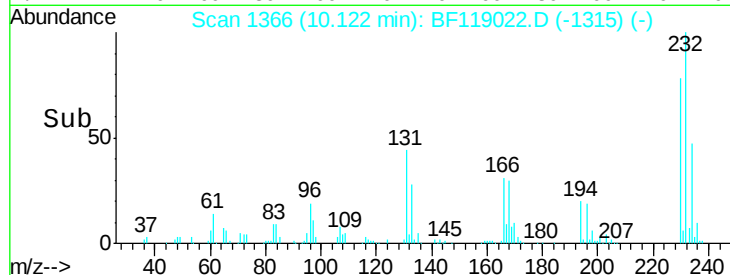
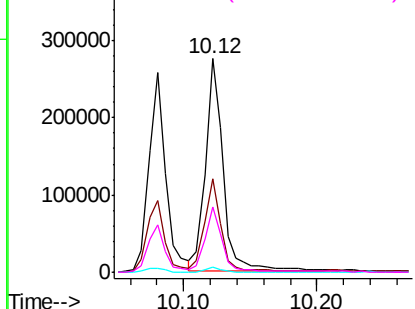
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.931 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 252572
Ion Ratio Lower Upper
232 100
131 41.1 34.0 51.0
130 2.2 1.6 2.4
166 28.7 23.6 35.4

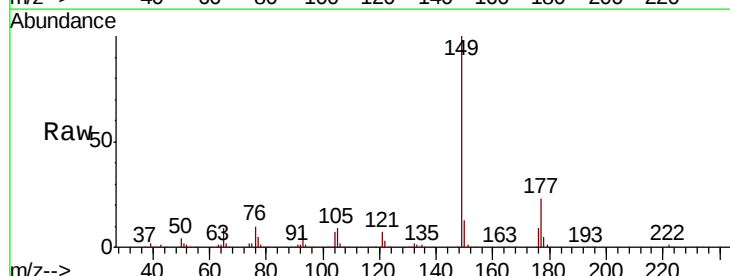


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

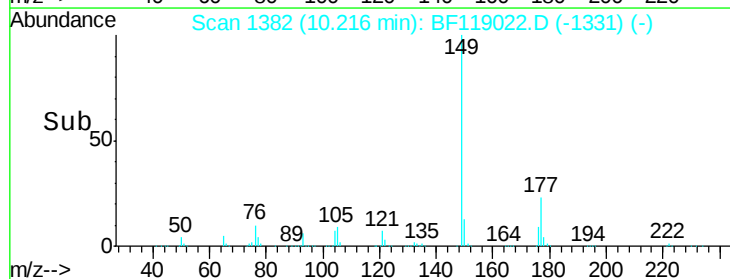
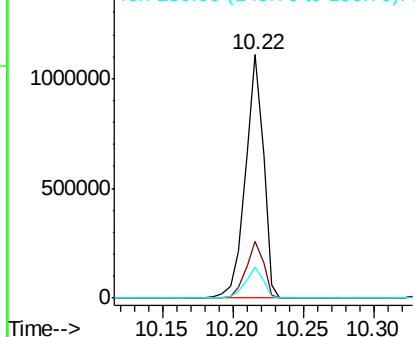


#60
Diethylphthalate
Concen: 37.608 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:149 Resp: 983144
Ion Ratio Lower Upper
149 100
177 23.3 18.1 27.1
150 12.9 10.4 15.6



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

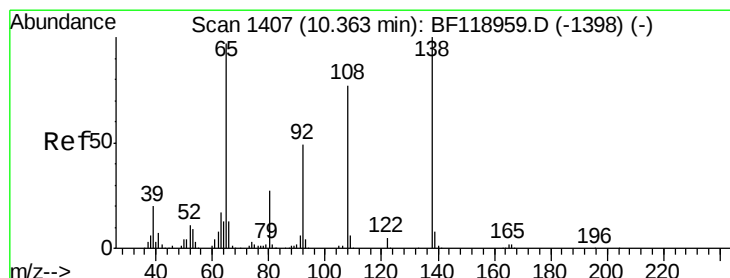
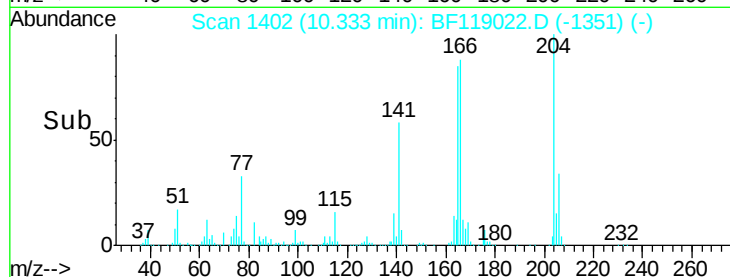
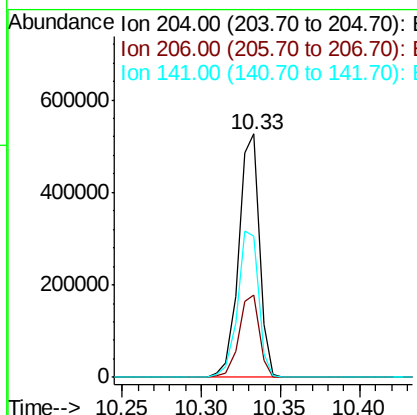
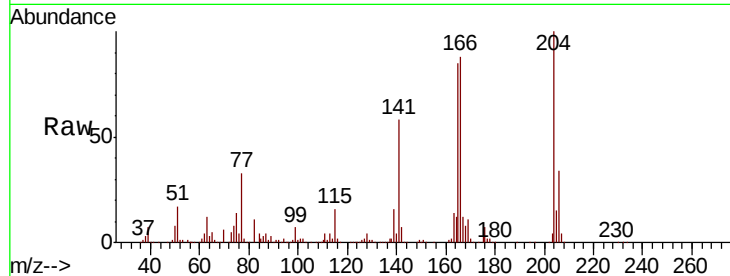




#61
 4-Chlorophenyl-phenylether
 Concen: 37.774 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

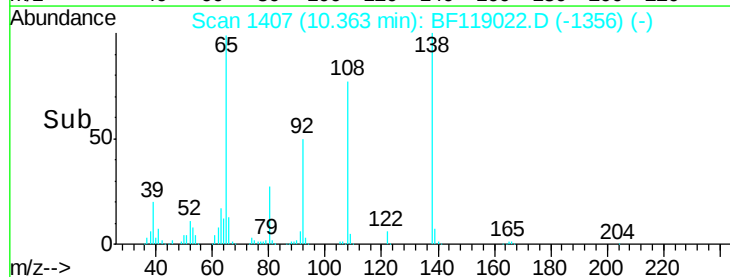
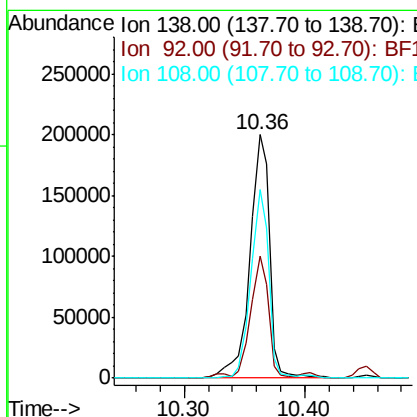
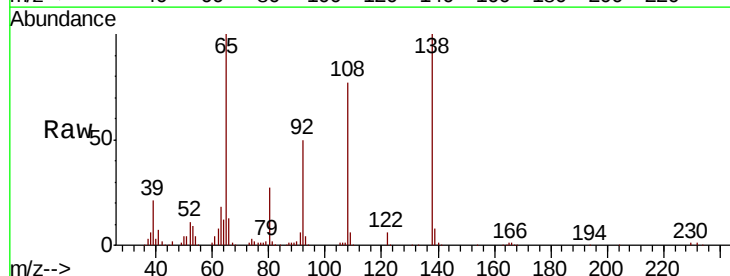
Instrument :
 BNA_F
 ClientSampleId :

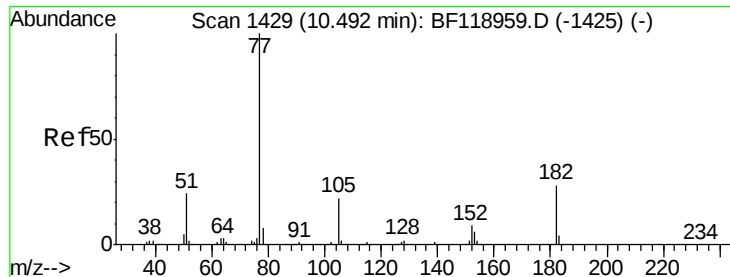
Tot Ion:	204	Resp:	477166
Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	58.2	49.5	74.3



#62
 4-Nitroaniline
 Concen: 32.756 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:	138	Resp:	228975
Ion	Ratio	Lower	Upper
138	100		
92	50.4	28.7	68.7
108	77.3	56.8	96.8





#63

Azobenzene

Concen: 38.603 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 877159

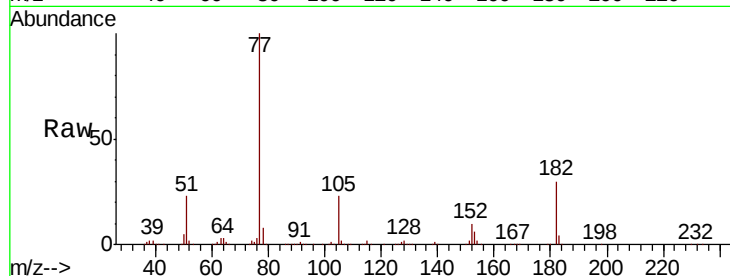
Ion Ratio Lower Upper

77 100

182 29.5 8.2 48.2

105 22.6 2.3 42.3

51 23.3 3.6 43.6

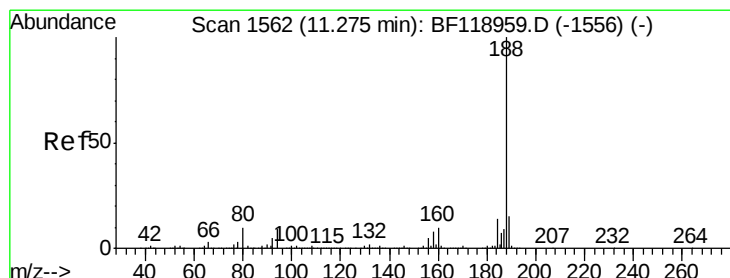
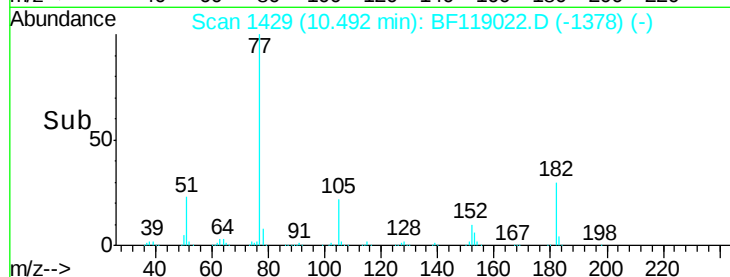
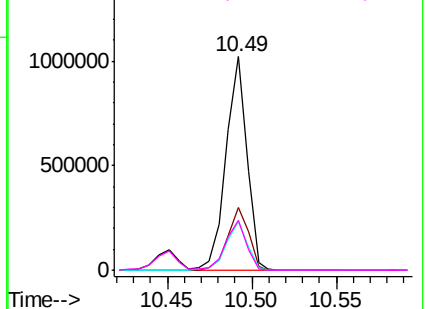


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

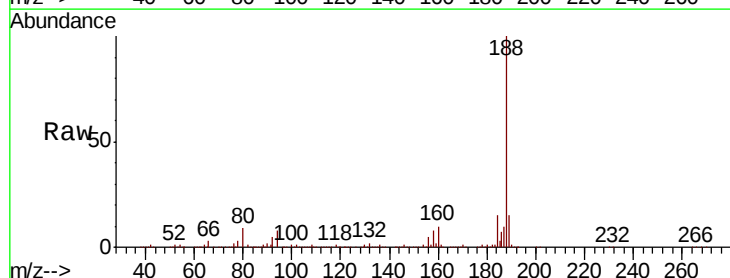
Tgt Ion: 188 Resp: 685204

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

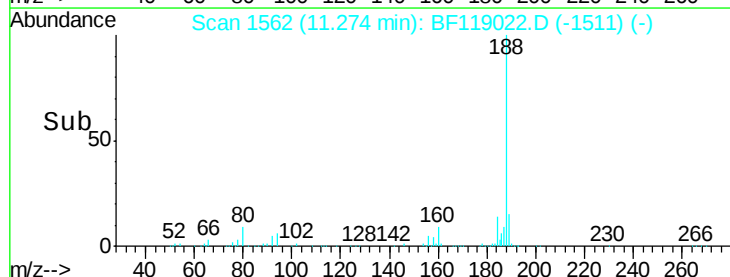
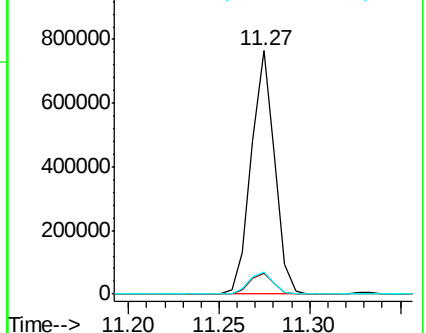
80 9.1 7.9 11.9

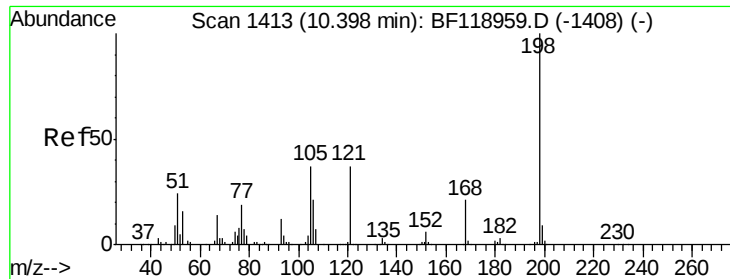


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

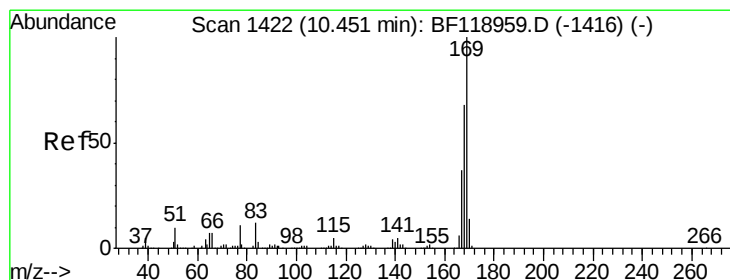
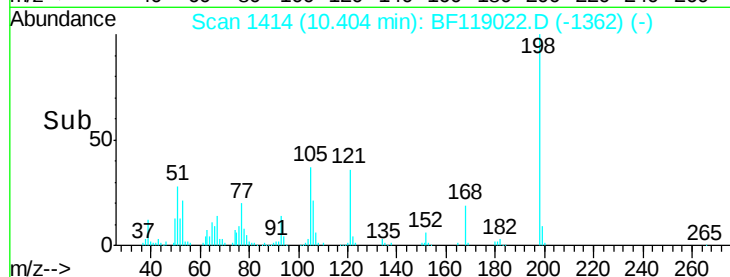
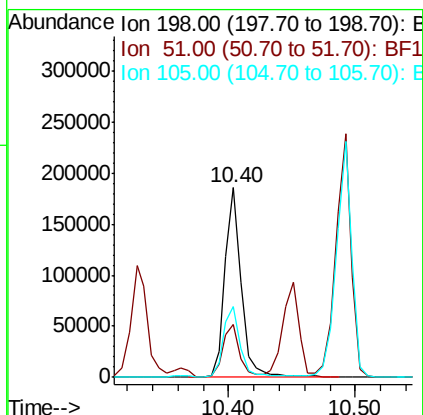
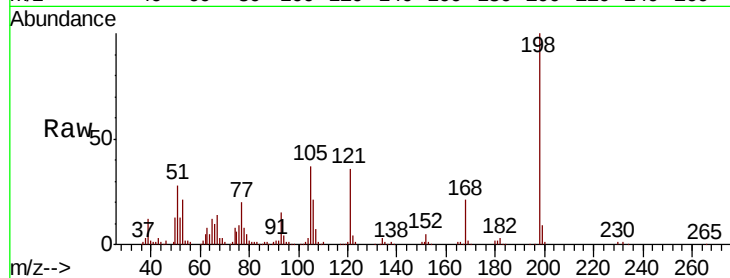




#65
4,6-Dinitro-2-methylphenol
Concen: 40.341 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

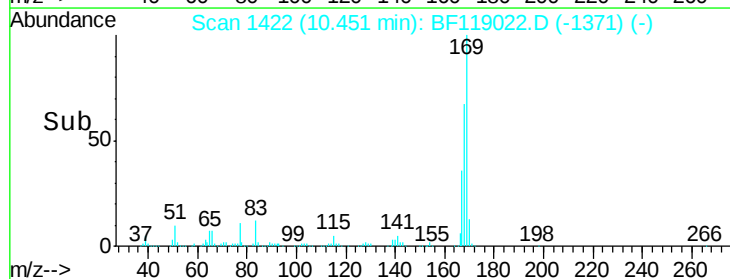
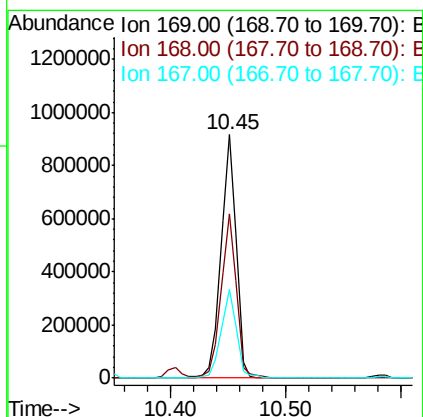
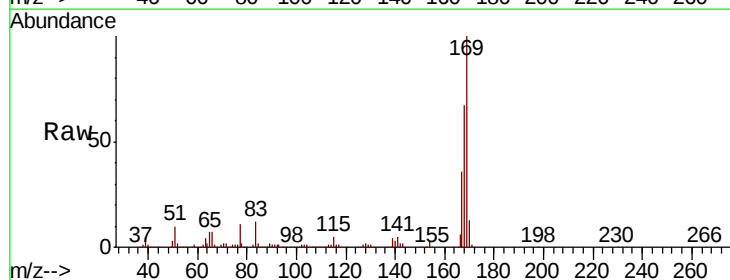
Instrument :
BNA_F
ClientSampled :

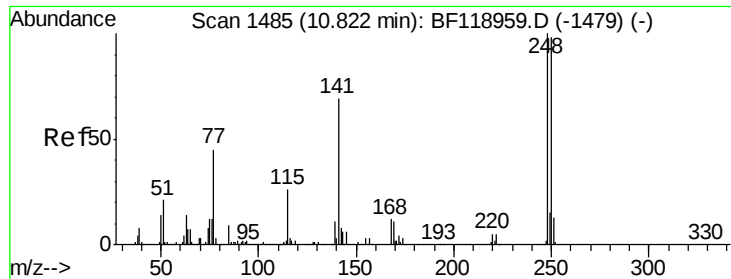
Tot Ion:198 Resp: 167266
Ion Ratio Lower Upper
198 100
51 28.2 7.1 47.1
105 37.2 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 37.301 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:169 Resp: 836892
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 36.5 29.4 44.2

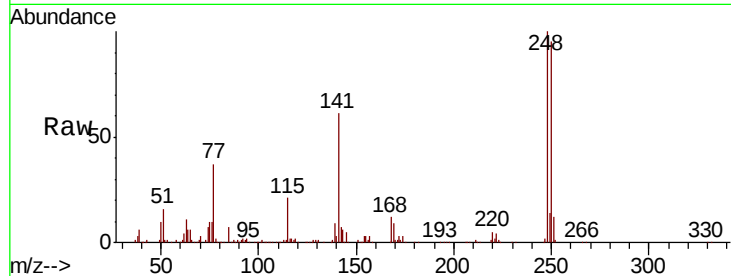




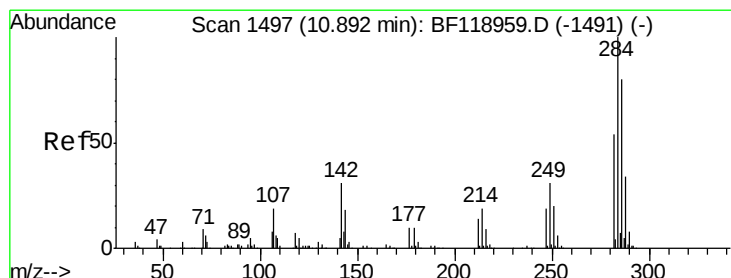
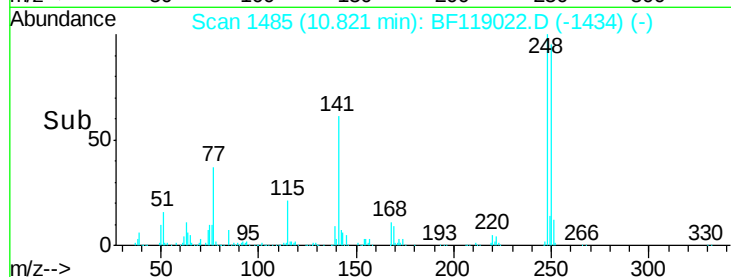
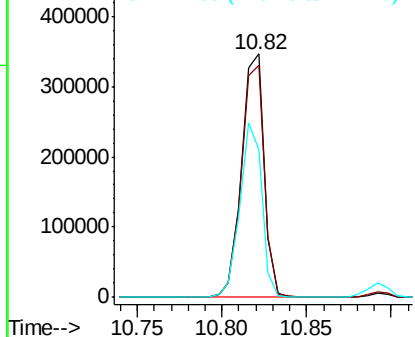
#67
4-Bromophenyl-phenylether
Concen: 36.191 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.8	118.2
141	60.6	55.3	82.9

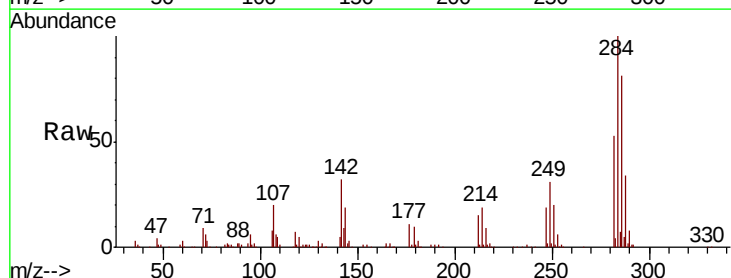


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

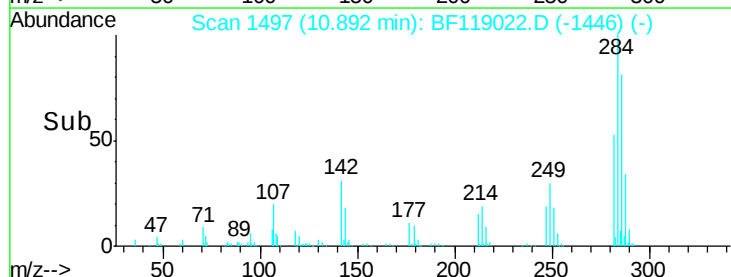
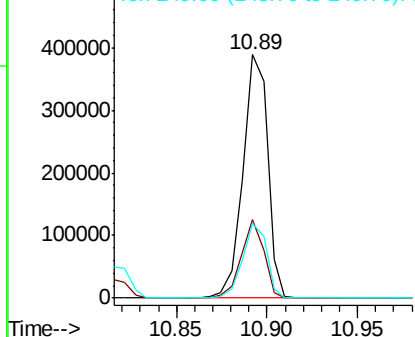


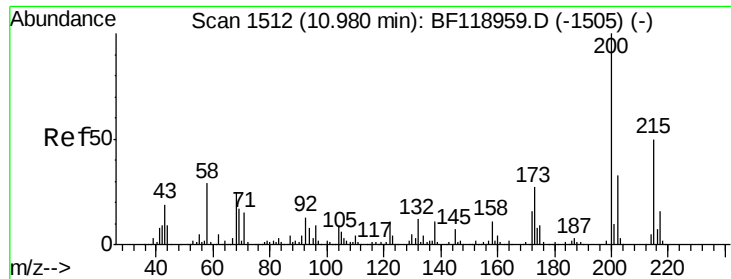
#68
Hexachlorobenzene
Concen: 35.614 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.0	37.6
249	30.9	25.0	37.4



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

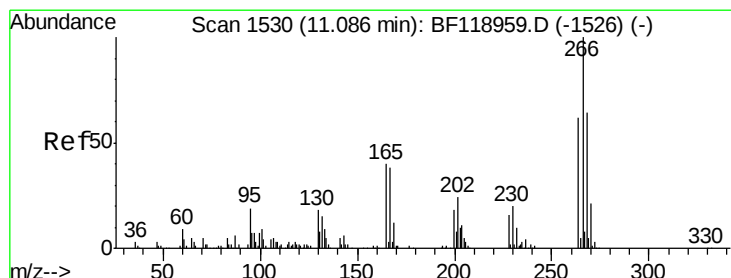
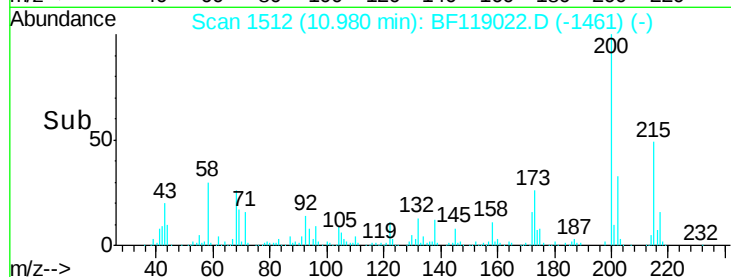
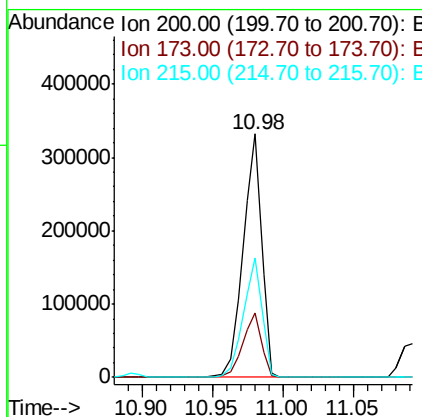
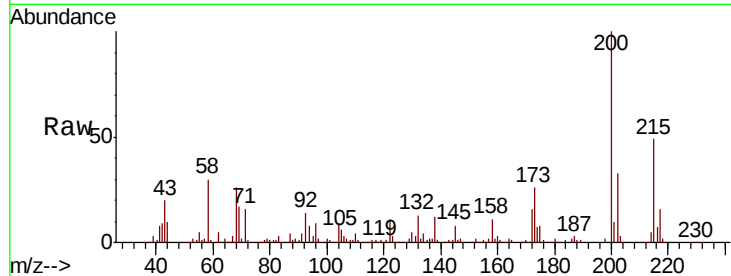




#69
Atrazine
Concen: 38.659 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

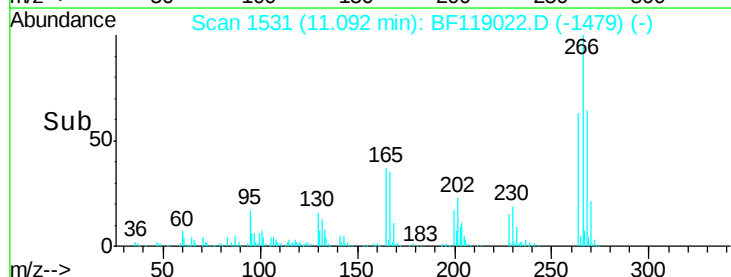
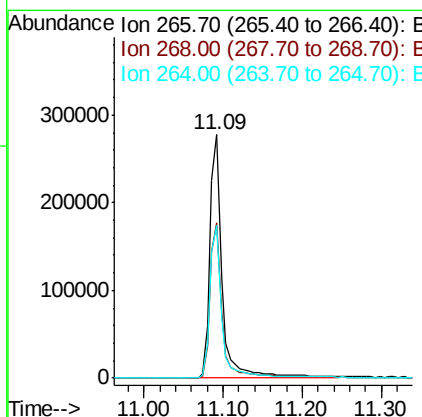
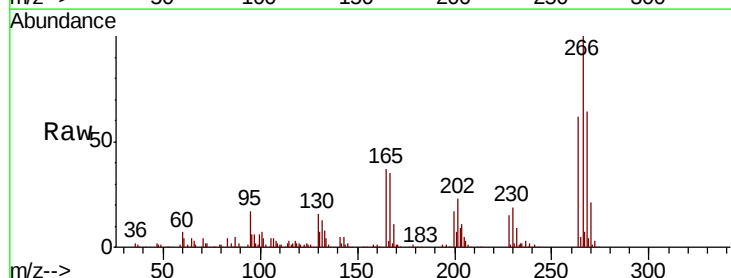
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	49.1	29.7	69.7



#70
Pentachlorophenol
Concen: 72.401 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	62.5	49.5	74.3





#71

Phenanthrene

Concen: 36.602 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

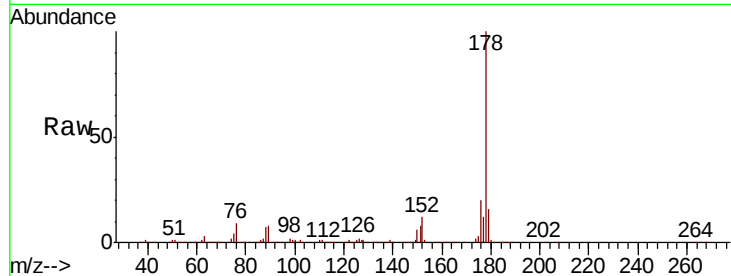
Tot Ion:178 Resp: 1367733

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

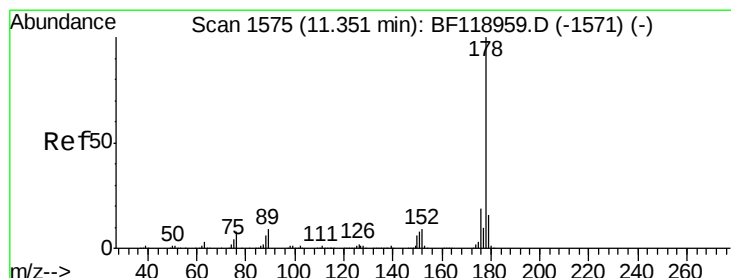
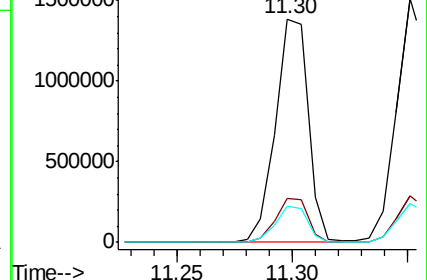
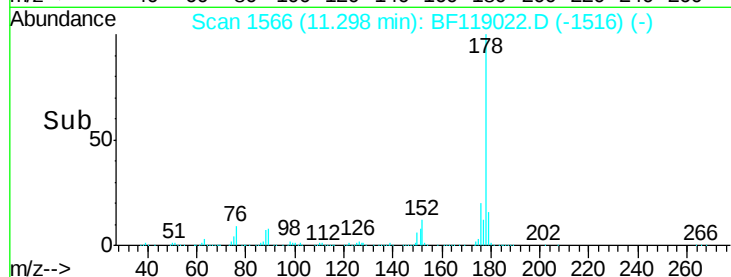
179 16.0 12.6 18.8



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: 38.022 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

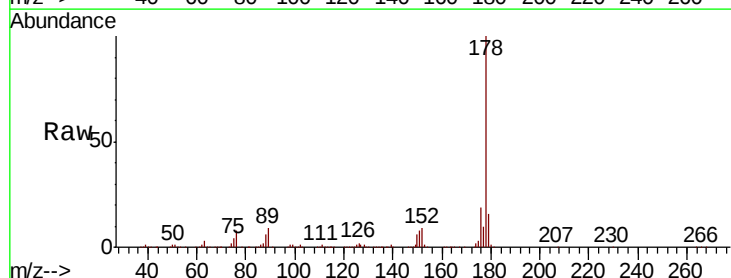
Tgt Ion:178 Resp: 1419610

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

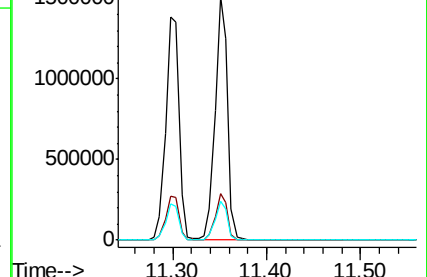
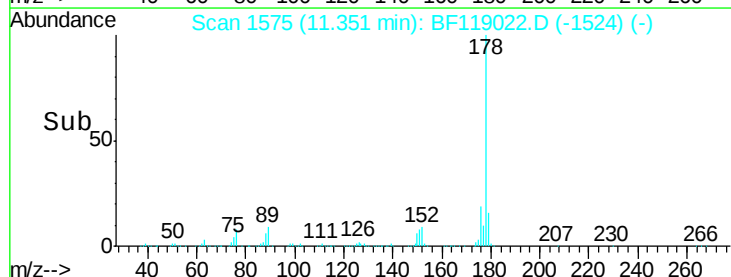
179 16.1 12.8 19.2

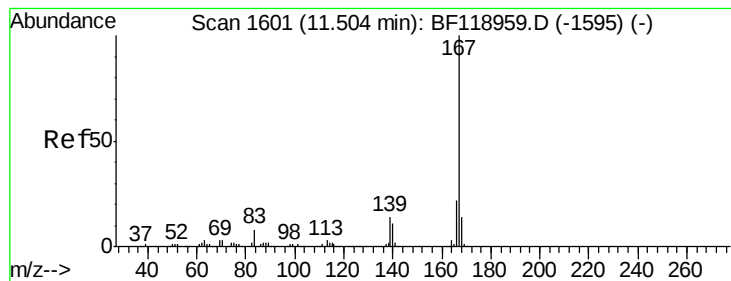


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.814 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

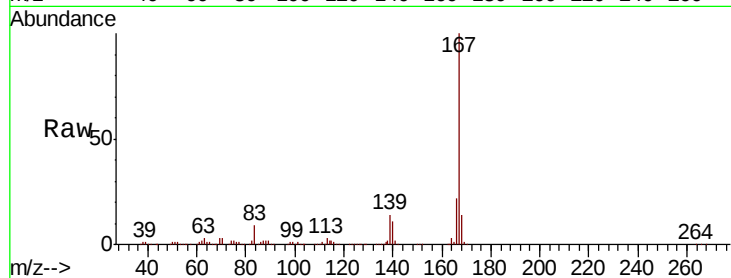
Tot Ion:167 Resp: 1224530

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

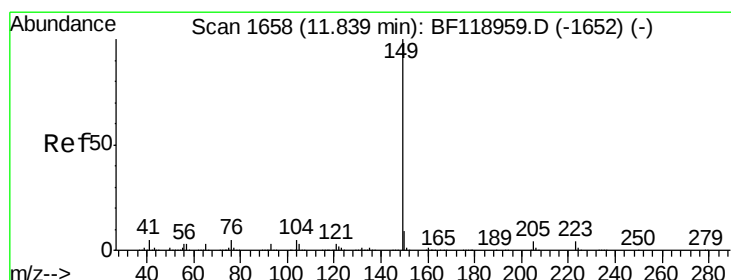
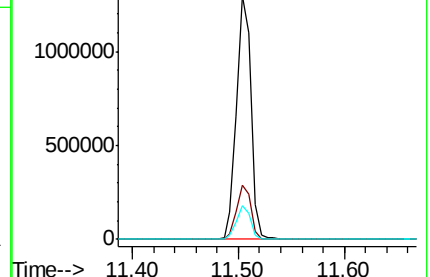
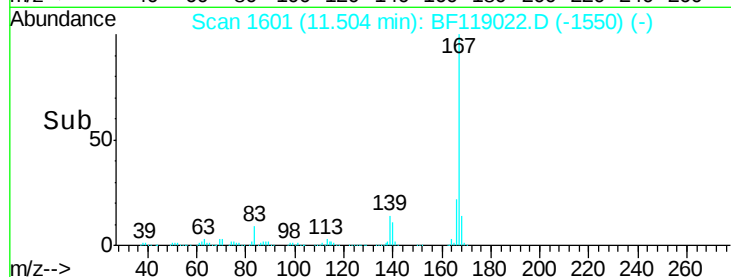
139 13.7 11.2 16.8



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: 38.006 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

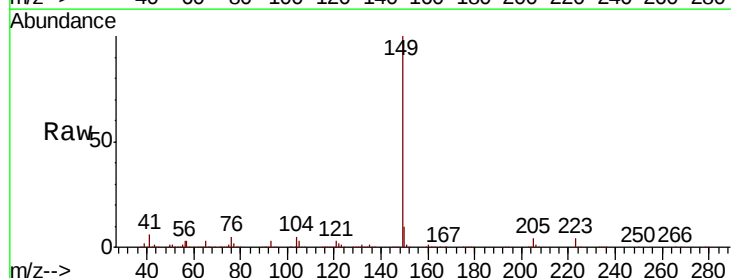
Tgt Ion:149 Resp: 1530908

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

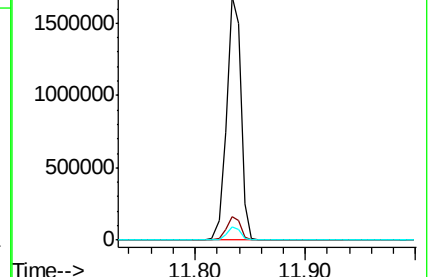
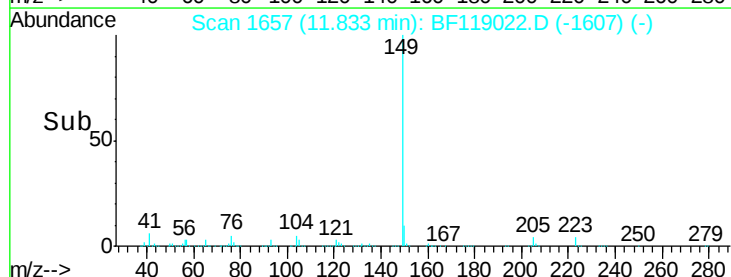
104 5.2 4.0 6.0



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

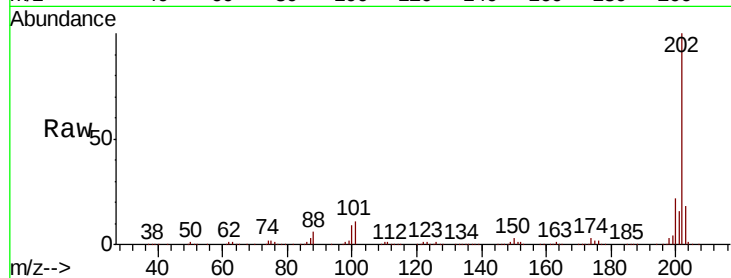




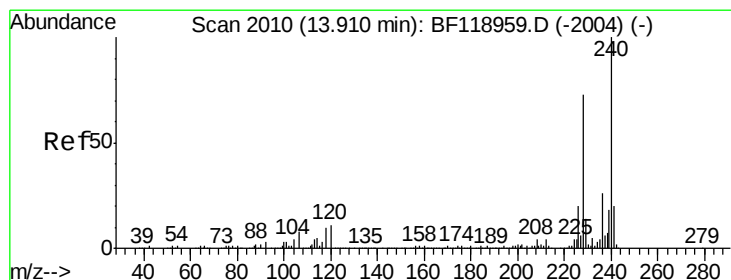
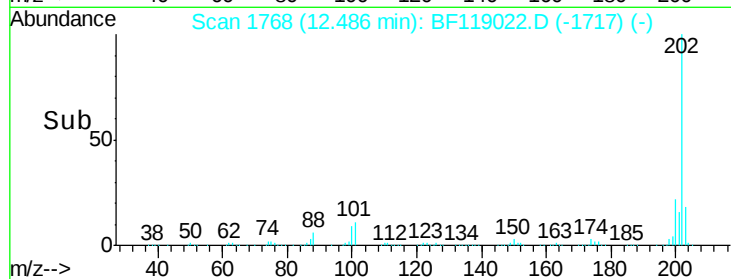
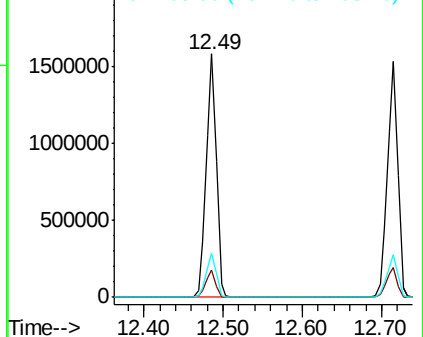
#75
 Fluoranthene
 Concen: 36.072 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1430804
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.1
 203 18.2 0.0 38.1

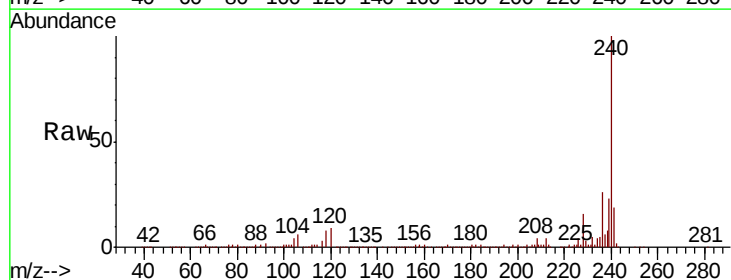


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

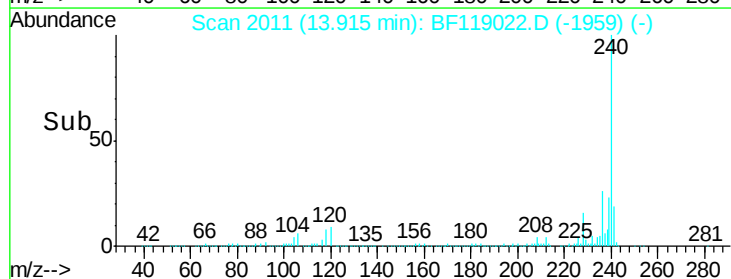
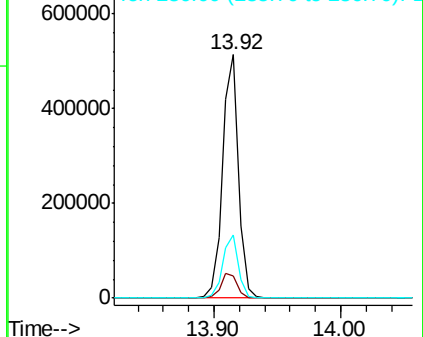


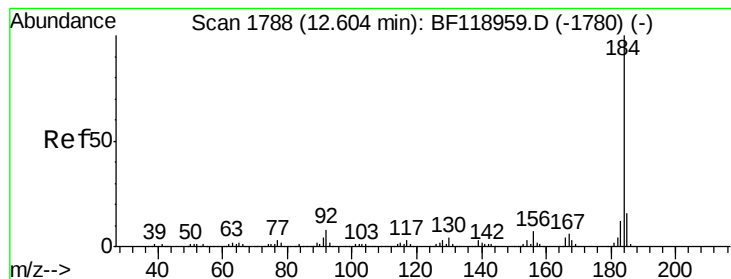
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:240 Resp: 447077
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.9 13.3
 236 25.8 20.6 30.8



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





#77

Benzidine

Concen: 20.139 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

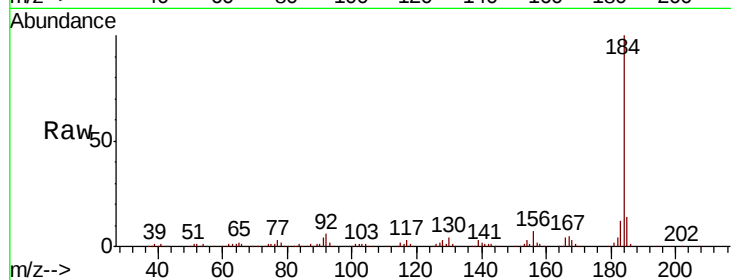
Tot Ion:184 Resp: 366179

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	19.0
183	11.9	9.9	14.9

184 100

185 14.3 12.6 19.0

183 11.9 9.9 14.9



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

12.60

400000

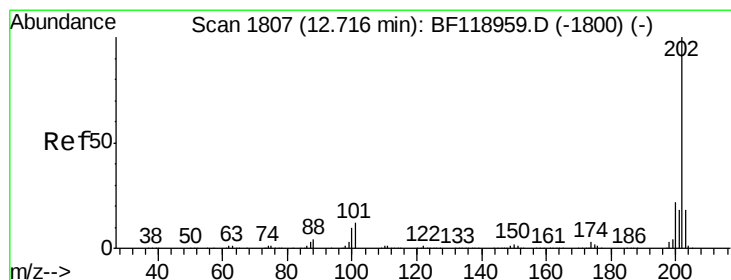
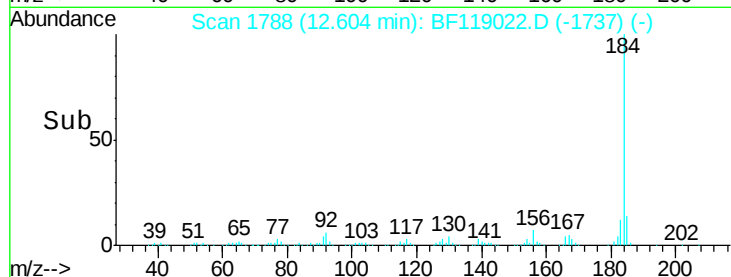
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 39.576 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

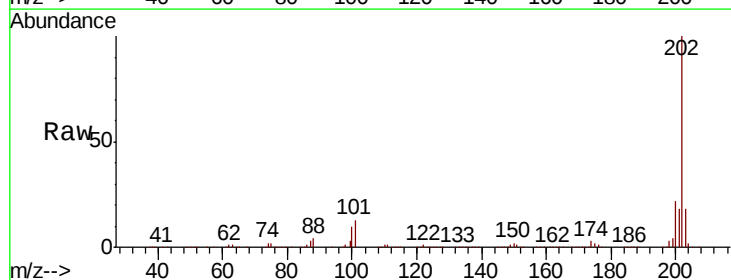
Tgt Ion:202 Resp: 1420751

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.0
203	18.1	14.5	21.7

202 100

200 22.1 17.4 26.0

203 18.1 14.5 21.7



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

12.72

2000000

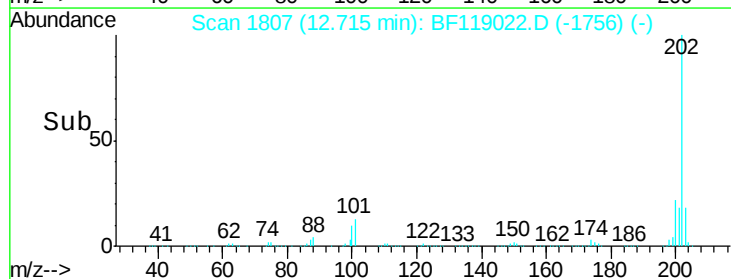
1500000

1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 71.955 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

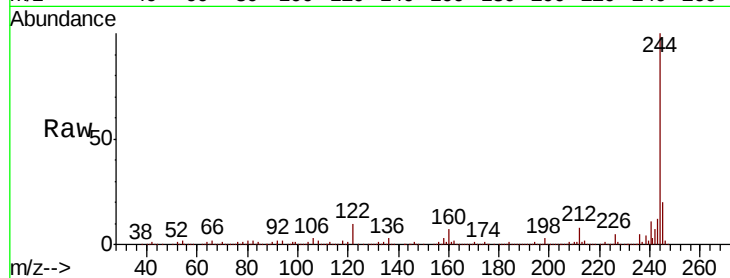
Tot Ion:244 Resp: 1868493

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 10.3 8.4 12.6



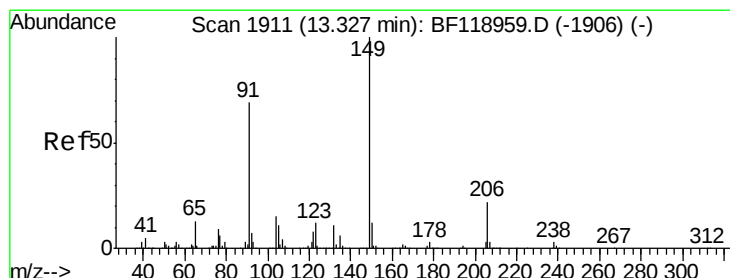
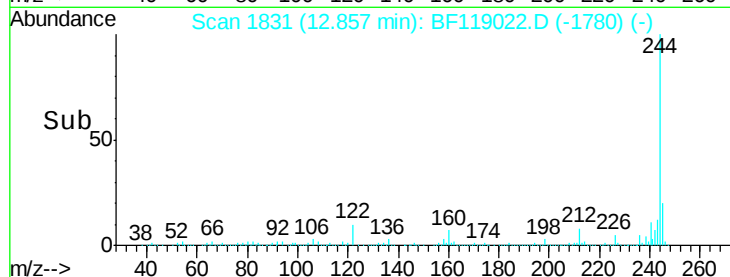
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.86

Time-->



#80

Butylbenzylphthalate

Concen: 40.145 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

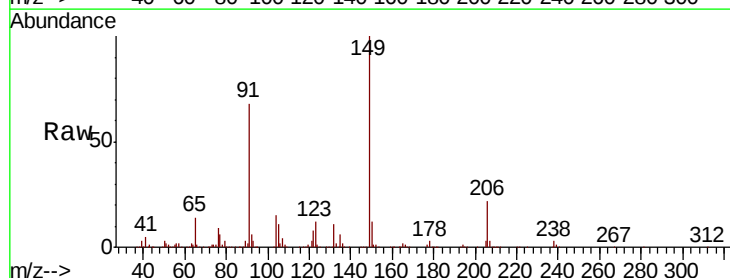
Tgt Ion:149 Resp: 606553

Ion Ratio Lower Upper

149 100

91 68.1 55.4 83.2

206 21.8 17.7 26.5



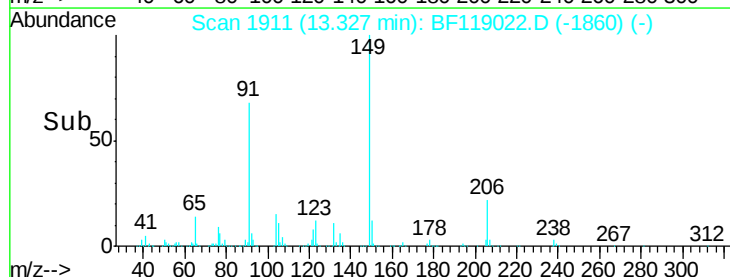
Abundance Ion 149.00 (148.70 to 149.70): E

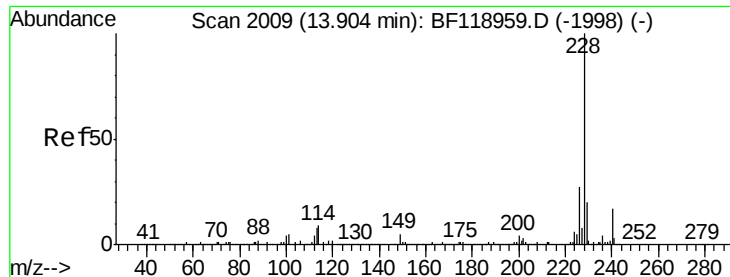
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.33

Time-->





#81

Benzo(a)anthracene

Concen: 37.425 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

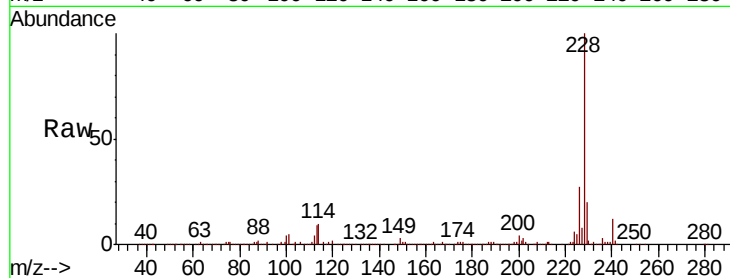
Tot Ion:228 Resp: 1140039

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.1	16.0	24.0

228 100

226 27.5 21.8 32.8

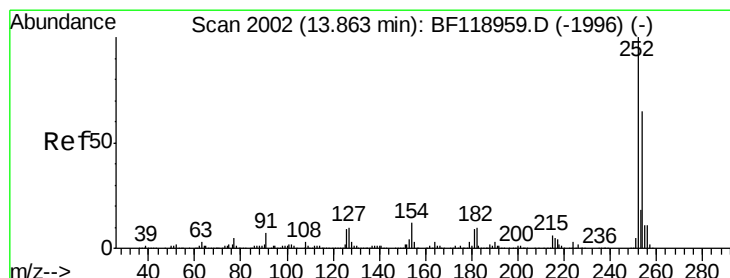
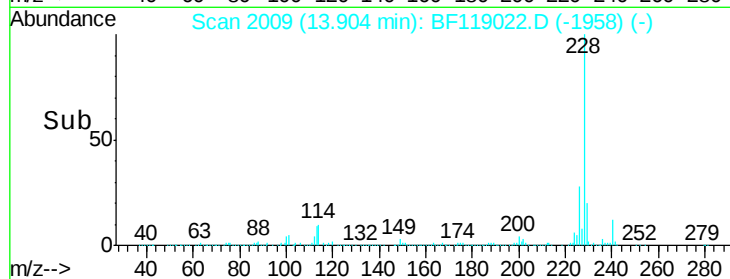
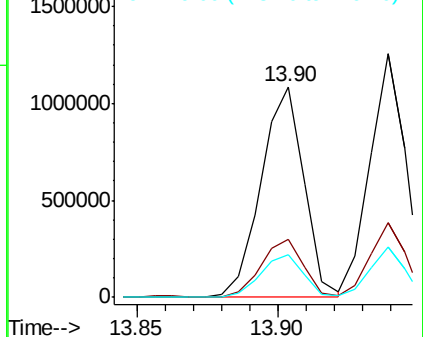
229 20.1 16.0 24.0



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: 29.324 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

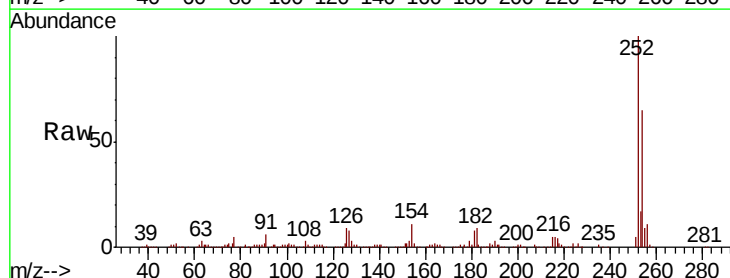
Tgt Ion:252 Resp: 346859

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	8.9	7.3	10.9

252 100

254 64.7 52.1 78.1

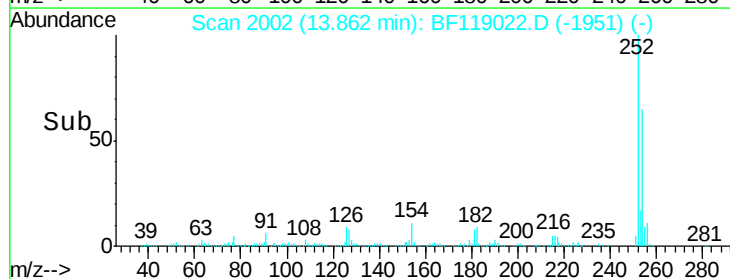
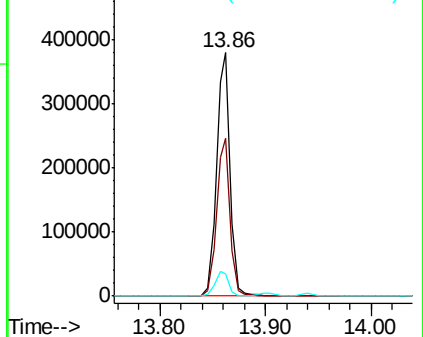
126 8.9 7.3 10.9

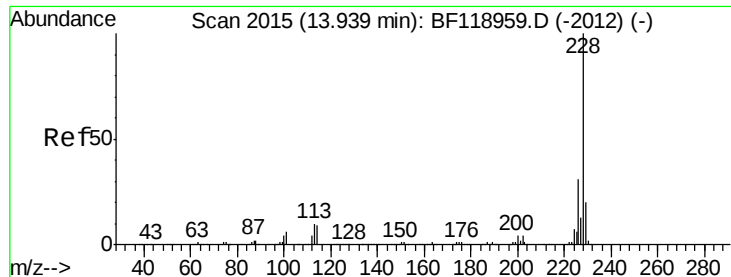


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.994 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

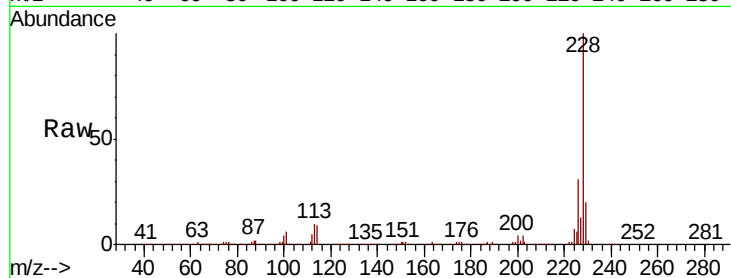
Tot Ion:228 Resp: 1092520

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.5	16.2	24.2

228 100

226 30.5 24.6 37.0

229 20.5 16.2 24.2

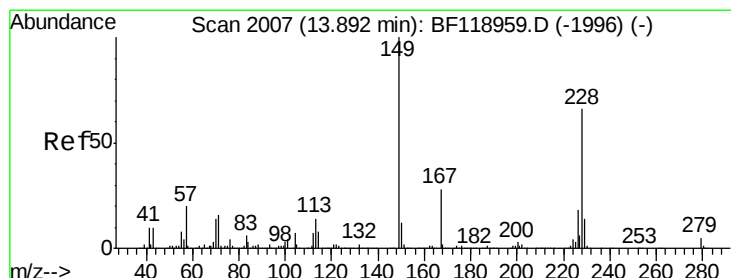
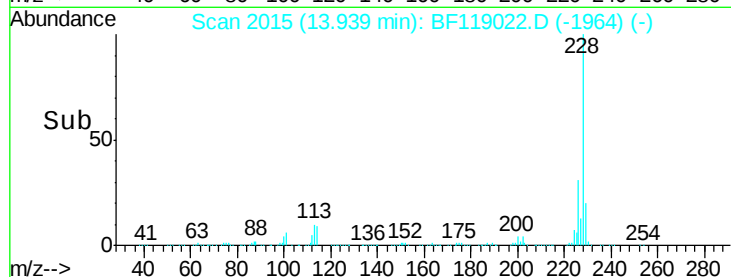
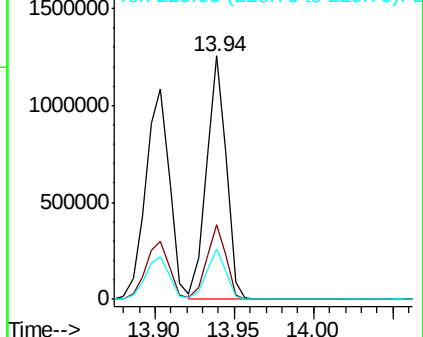


Abundance

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: 41.894 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

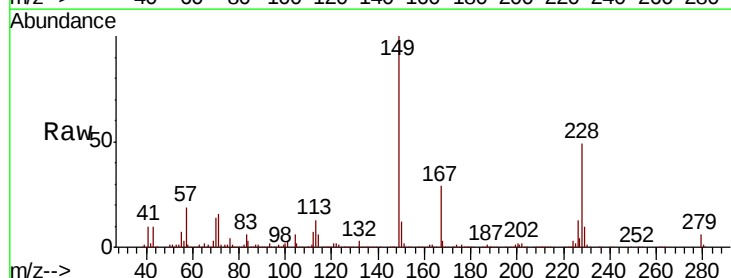
Tgt Ion:149 Resp: 799684

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	5.6	4.2	6.4

149 100

167 28.6 22.3 33.5

279 5.6 4.2 6.4

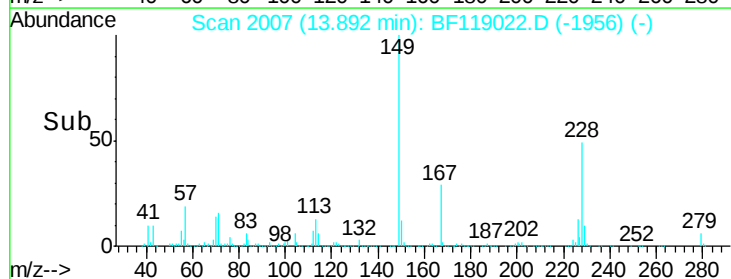
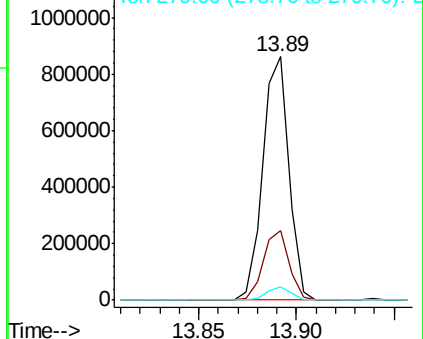


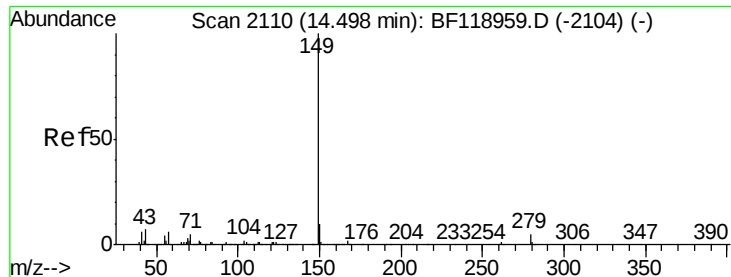
Abundance

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: 40.595 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

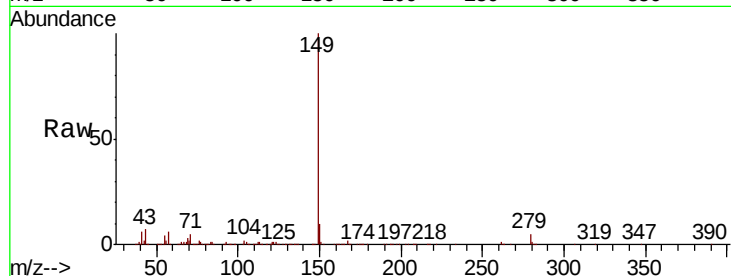
Tot Ion:149 Resp: 1234633

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

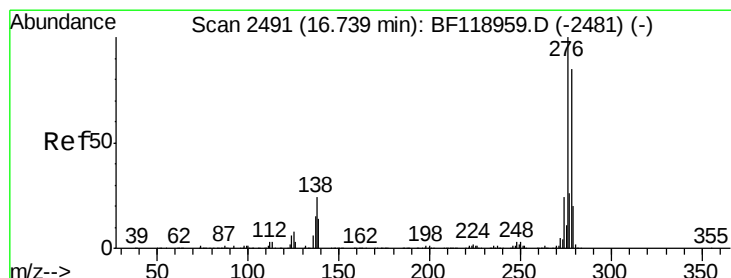
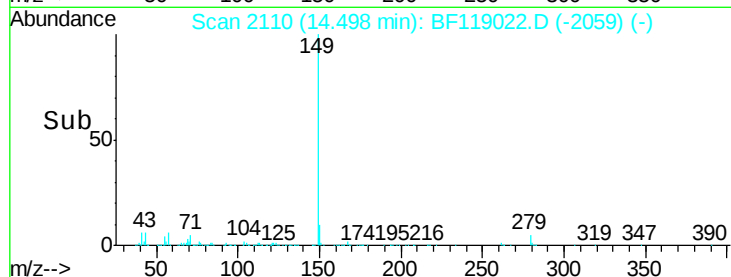
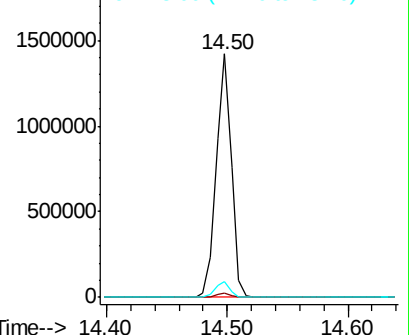
43 6.3 5.2 7.8



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: 32.068 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

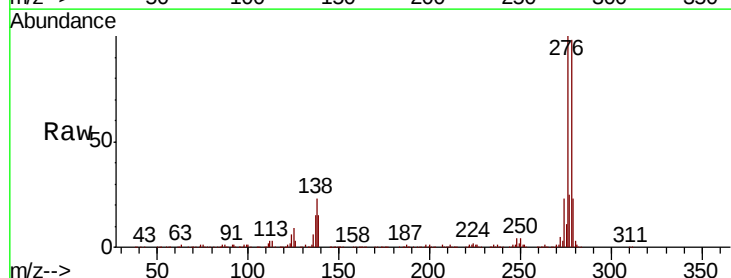
Tgt Ion:276 Resp: 942478

Ion Ratio Lower Upper

276 100

138 21.7 18.7 28.1

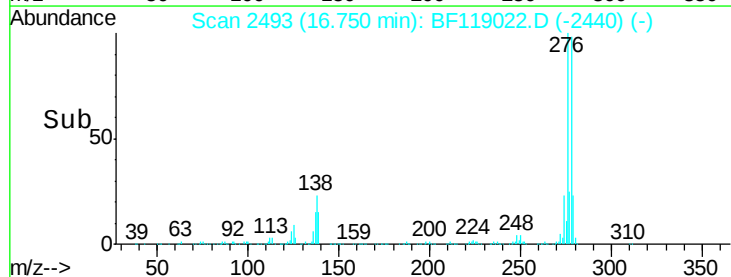
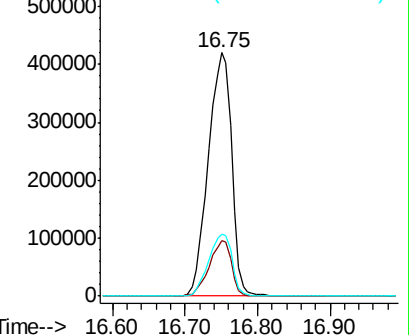
277 25.6 20.3 30.5

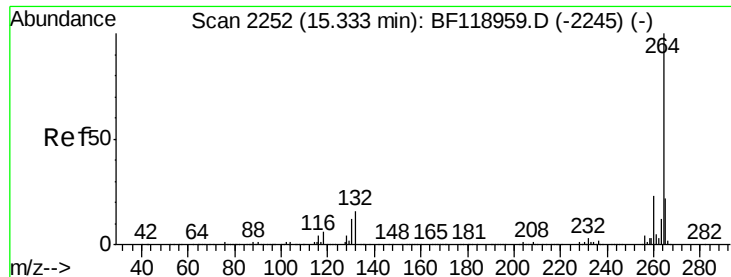


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



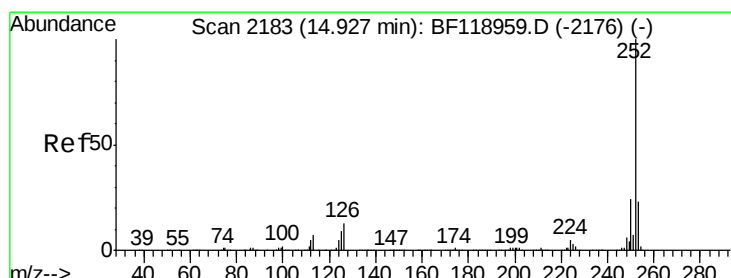
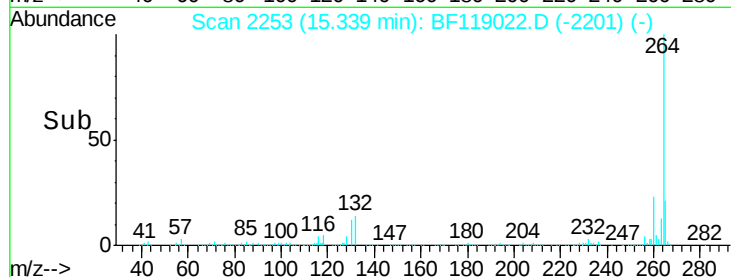
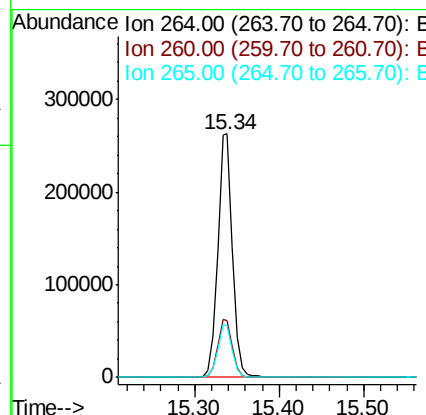
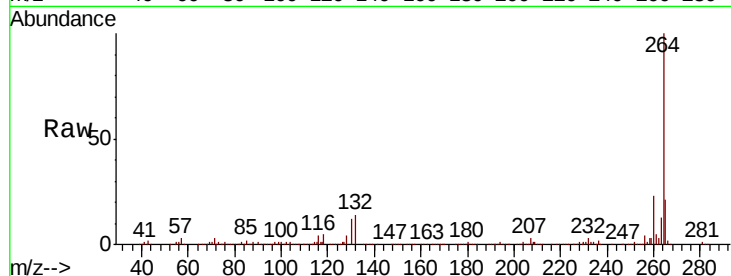


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 326495

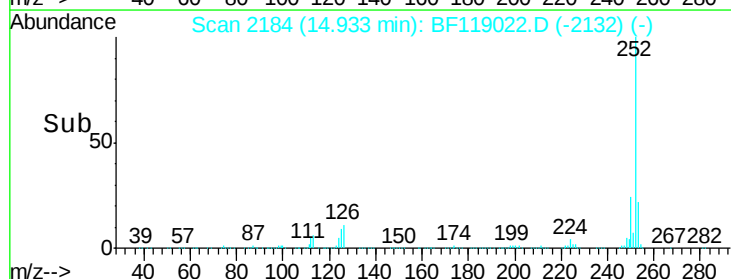
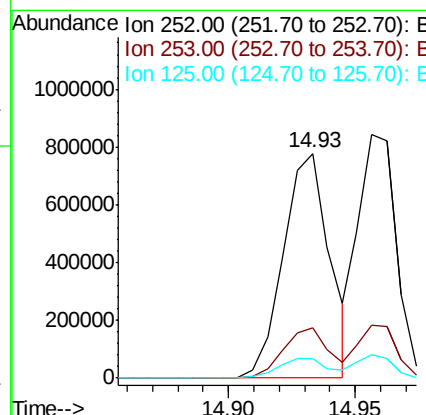
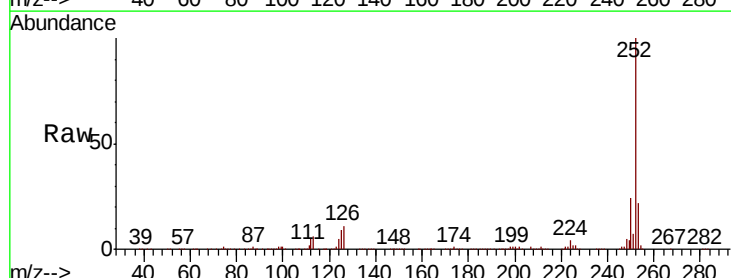
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.1	17.3	25.9

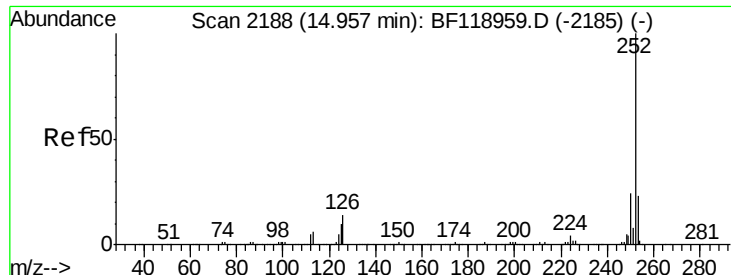


#88
Benzo(b)fluoranthene
Concen: 45.750 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:252 Resp: 984576

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.9	7.4	11.0

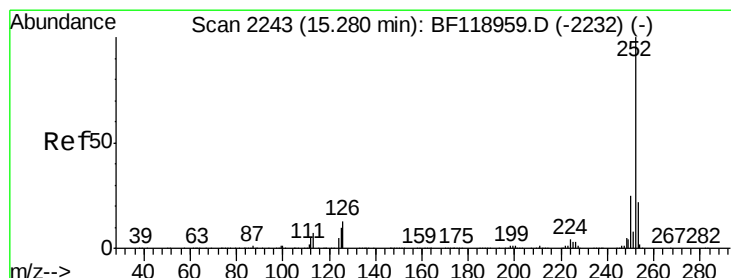
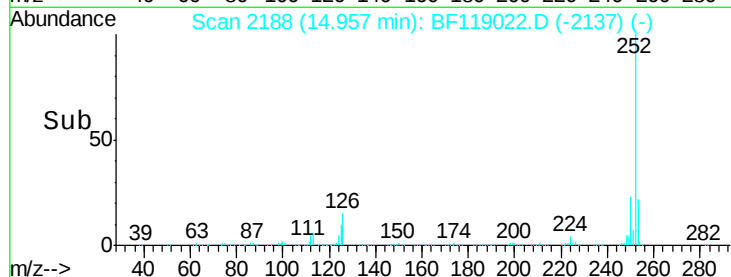
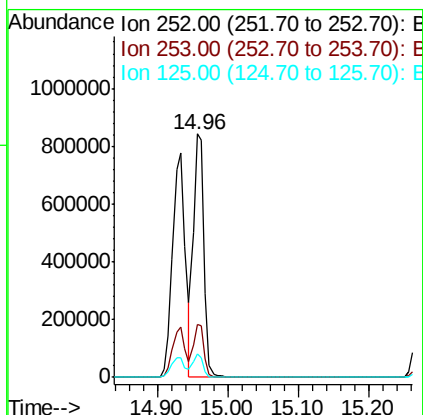
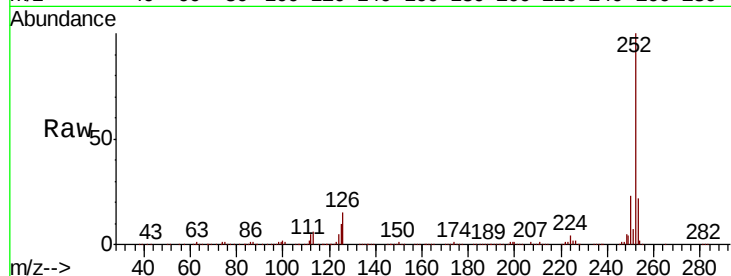




#89
Benzo(k)fluoranthene
Concen: 45.028 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

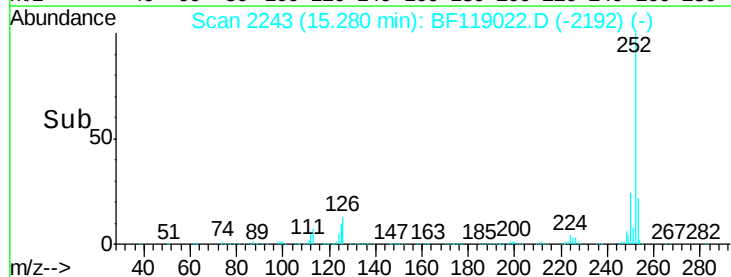
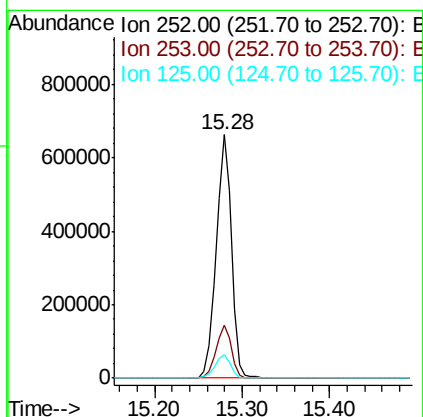
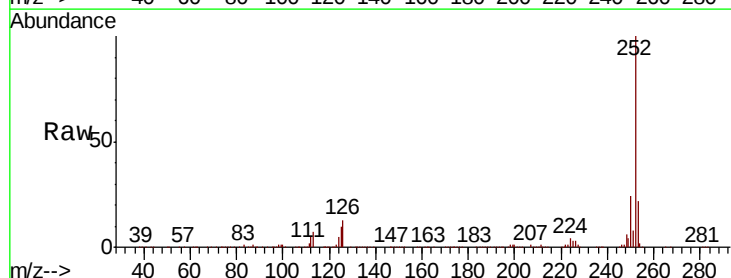
Instrument :
BNA_F
ClientSampled :

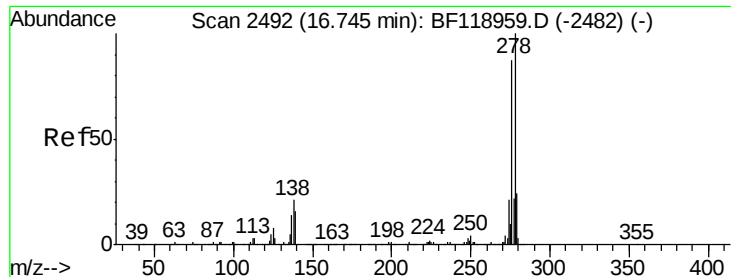
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.7	7.3	10.9



#90
Benzo(a)pyrene
Concen: 41.344 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.9	7.8	11.6

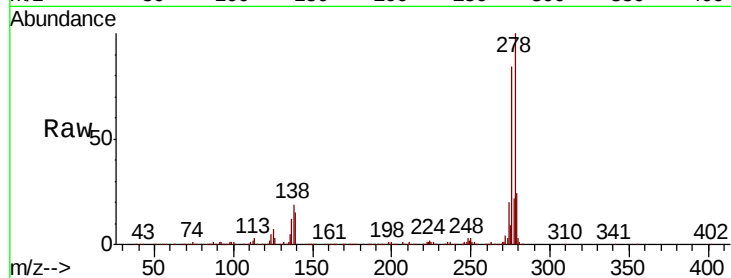




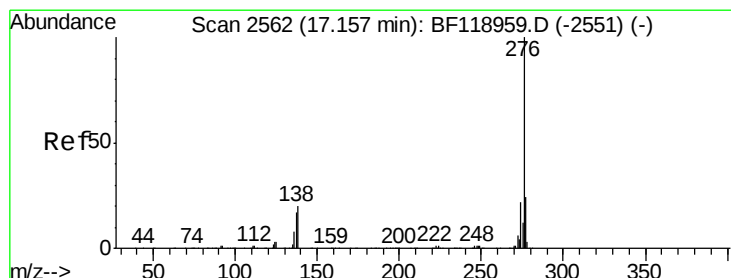
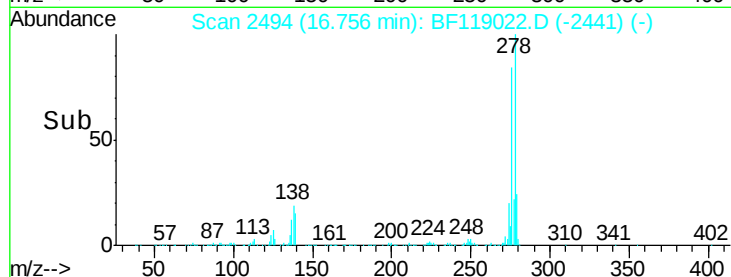
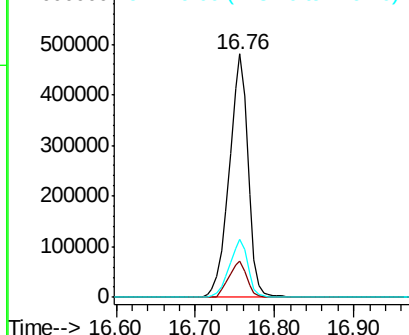
#91
Dibenzo(a,h)anthracene
Concen: 46.255 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 790508
Ion Ratio Lower Upper
278 100
139 14.6 12.6 18.8
279 23.7 19.0 28.6

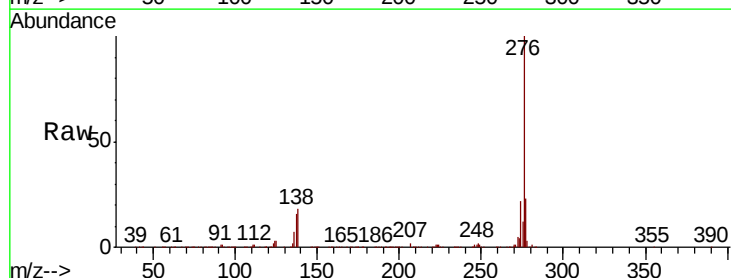


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.054 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:276 Resp: 811434
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 18.3 16.2 24.4



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

