

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119226.D
 Acq On : 5 Mar 2020 22:02
 Operator : CG/JU
 Sample : PB127239BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:29:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139827	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	541339	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	301887	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	567361	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	366225	20.00	ng	-0.02
87) Perylene-d12	15.31	264	287477	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	738442	88.26	ng	0.00
7) Phenol-d6	6.38	99	613745	60.31	ng	-0.02
23) Nitrobenzene-d5	7.29	82	882921	86.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	507469	128.50	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1753882	85.59	ng	-0.02
79) Terphenyl-d14	12.83	244	2163763	101.72	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.46	88	62817	16.862 ng	100
4) n-Nitrosodimethylamine	3.12	42	60816	19.733 ng	92
6) Aniline	6.46	93	394232	31.398 ng	# 23
8) 2-Chlorophenol	6.52	128	425157	47.085 ng	97
9) Benzaldehyde	6.27	77	204240	30.042 ng	98
10) Phenol	6.39	94	237823	21.617 ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	394232	46.832 ng	97
12) 1,3-Dichlorobenzene	6.66	146	389813	36.019 ng	97
13) 1,4-Dichlorobenzene	6.74	146	398240	36.772 ng	99
14) 1,2-Dichlorobenzene	6.90	146	376063	38.075 ng	98
15) Benzyl Alcohol	6.88	79	234273	31.855 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	317105	43.486 ng	# 51
17) 2-Methylphenol	7.00	107	311507	42.551 ng	92
18) Hexachloroethane	7.23	117	133956	34.573 ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	304003	51.270 ng	98
20) 3+4-Methylphenols	7.15	107	373464	41.640 ng	93
22) Acetophenone	7.14	105	611689	48.837 ng	# 96
24) Nitrobenzene	7.31	77	459293	45.300 ng	96
25) Isophorone	7.55	82	847438	47.593 ng	98
26) 2-Nitrophenol	7.63	139	252623	47.026 ng	97
27) 2,4-Dimethylphenol	7.67	122	356471	48.893 ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	505702	43.634 ng	99
29) 2,4-Dichlorophenol	7.88	162	389937	45.431 ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	366593	36.024 ng	99
31) Naphthalene	8.03	128	1162490	41.407 ng	99
32) Benzoic acid	7.82	122	89742	21.202 ng	98
33) 4-Chloroaniline	8.09	127	40757	3.375 ng	98
34) Hexachlorobutadiene	8.15	225	204167	32.209 ng	98
35) Caprolactam	8.52	113	10689	4.045 ng	99
36) 4-Chloro-3-methylphenol	8.57	107	415628	47.848 ng	98
37) 2-Methylnaphthalene	8.72	142	831799	44.026 ng	99
38) 1-Methylnaphthalene	8.82	142	785794	44.224 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	418769	41.143 ng	99
41) Hexachlorocyclopentadiene	8.87	237	168279	49.481 ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	9.01	196	276877	43.076	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	294545	43.670	ng	97
46) 1,1'-Biphenyl	9.19	154	1045461	42.849	ng	99
47) 2-Chloronaphthalene	9.21	162	832620	42.347	ng	98
48) 2-Nitroaniline	9.32	65	253905	46.299	ng	99
49) Acenaphthylene	9.63	152	1282206	45.153	ng	99
50) Dimethylphthalate	9.49	163	1068523	46.287	ng	99
51) 2,6-Dinitrotoluene	9.56	165	239924	46.780	ng	# 86
52) Acenaphthene	9.80	154	768349	44.872	ng	99
53) 3-Nitroaniline	9.73	138	127883	22.492	ng	100
54) 2,4-Dinitrophenol	9.85	184	222445	88.376	ng	93
55) Dibenzofuran	9.97	168	1149721	44.985	ng	100
56) 4-Nitrophenol	9.92	139	104587	30.615	ng	97
57) 2,4-Dinitrotoluene	9.97	165	301321	45.326	ng	92
58) Fluorene	10.31	166	945766	47.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	251211	44.140	ng	99
60) Diethylphthalate	10.19	149	1024866	47.110	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	487304	46.356	ng	99
62) 4-Nitroaniline	10.35	138	204851	35.214	ng	99
63) Azobenzene	10.46	77	913631	48.316	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	179469	52.275	ng	93
66) n-Nitrosodiphenylamine	10.43	169	848380	45.667	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	328773	44.332	ng	99
68) Hexachlorobenzene	10.87	284	373660	43.701	ng	96
69) Atrazine	10.96	200	317111	48.856	ng	98
70) Pentachlorophenol	11.07	266	263543	76.515	ng	99
71) Phenanthrene	11.27	178	1412877	45.663	ng	98
72) Anthracene	11.33	178	1441251	46.619	ng	99
73) Carbazole	11.49	167	1293828	46.977	ng	98
74) Di-n-butylphthalate	11.80	149	1565076	46.924	ng	100
75) Fluoranthene	12.46	202	1499566	45.658	ng	99
78) Pyrene	12.69	202	1494495	50.820	ng	100
80) Butylbenzylphthalate	13.30	149	623018	50.338	ng	97
81) Benzo(a)anthracene	13.87	228	1197805	48.002	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	255135	26.331	ng	97
83) Chrysene	13.92	228	1129641	45.433	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	813988	52.058	ng	98
85) Di-n-octyl phthalate	14.46	149	1141990	45.839	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	983346	40.845	ng	100
88) Benzo(b)fluoranthene	14.90	252	898941	47.440	ng	100
89) Benzo(k)fluoranthene	14.93	252	902480	51.393	ng	99
90) Benzo(a)pyrene	15.25	252	783580	45.818	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	831482	55.256	ng	99
92) Benzo(g,h,i)perylene	17.13	276	846771	56.953	ng	99

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

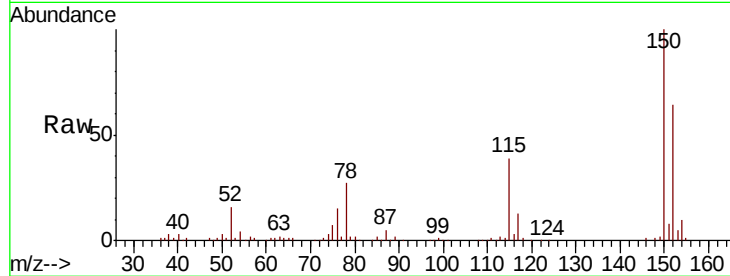


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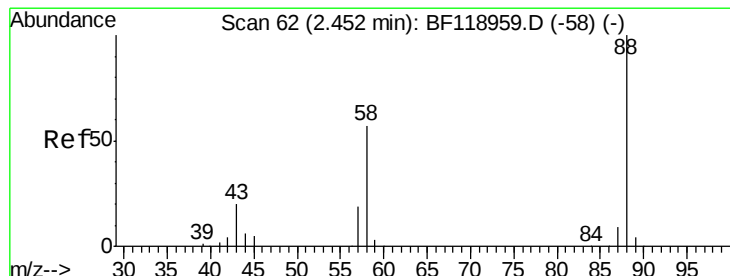
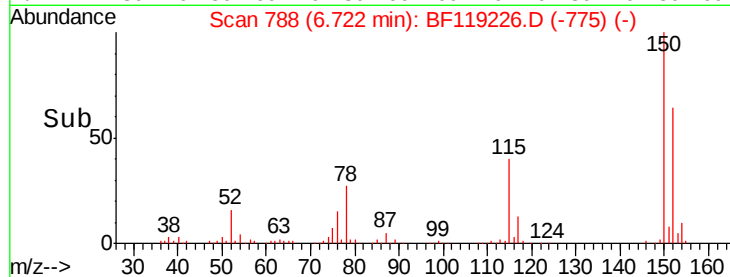
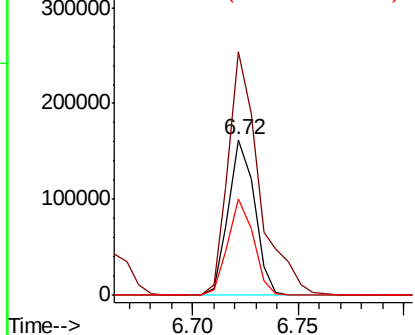
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.6
115	61.6	49.5	74.3



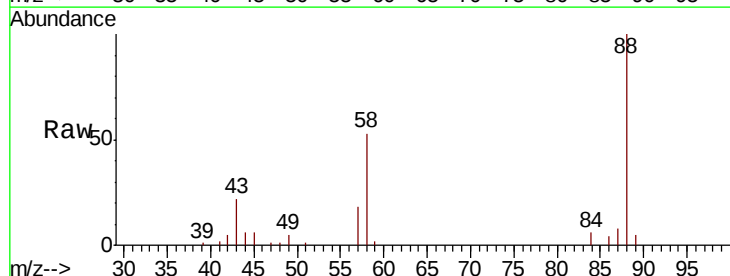
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



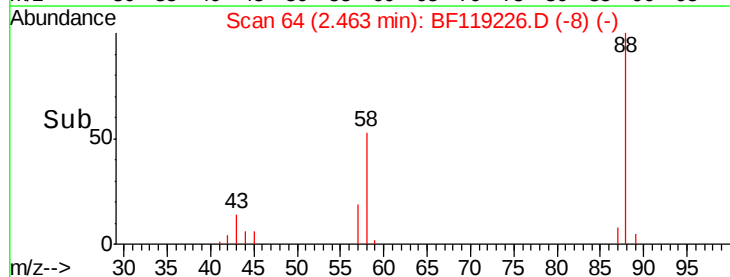
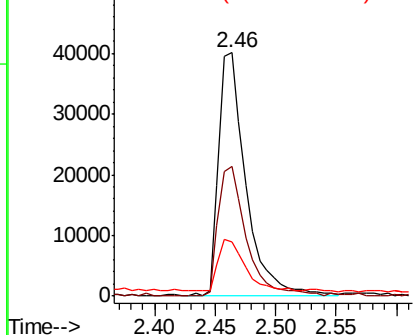
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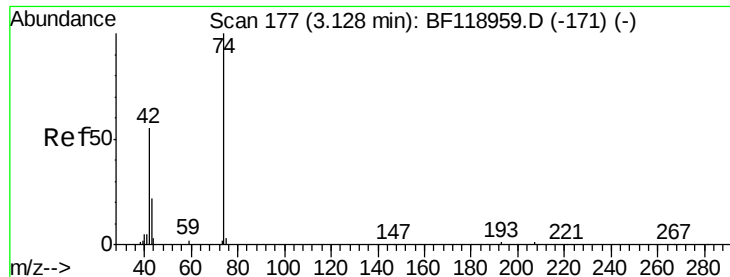
1,4-Dioxane
 Concen: 16.862 ng
 RT: 2.46 min Scan# 64
 Delta R.T. 0.03 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	43.8	65.6
43	20.5	16.2	24.4



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



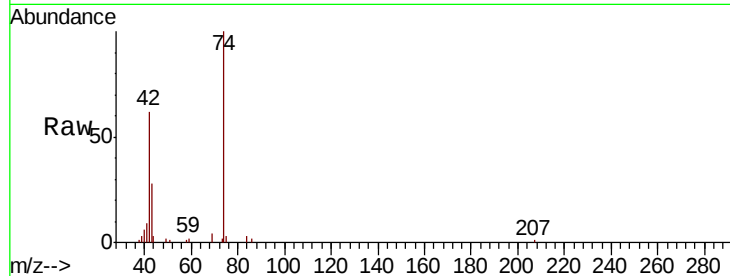


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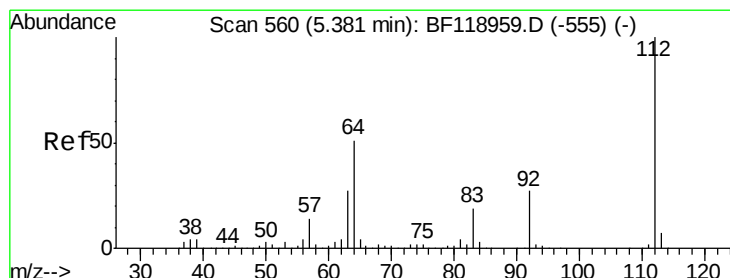
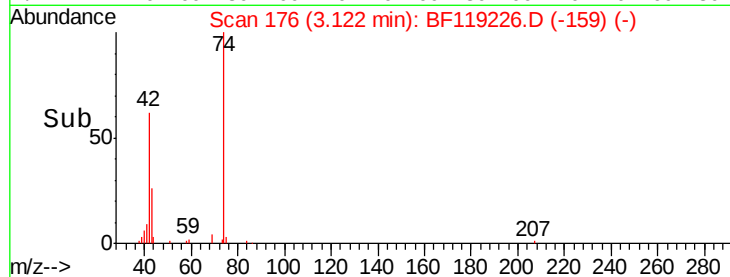
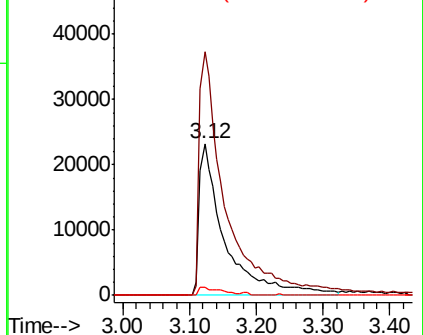
n-Nitrosodimethylamine
 Concen: 19.733 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.00 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	160.6	137.7	206.5
44	5.5	4.5	6.7



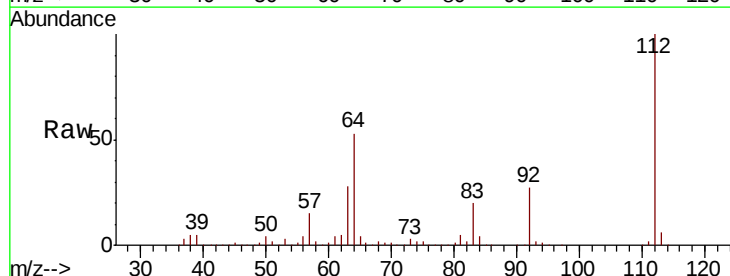
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



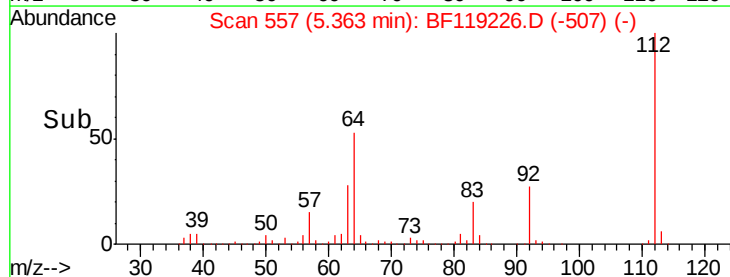
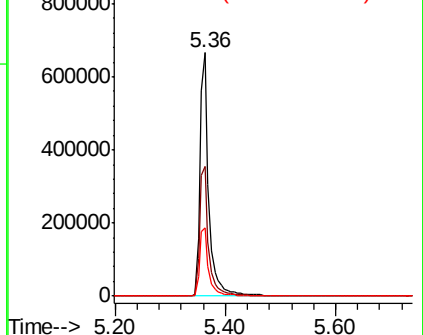
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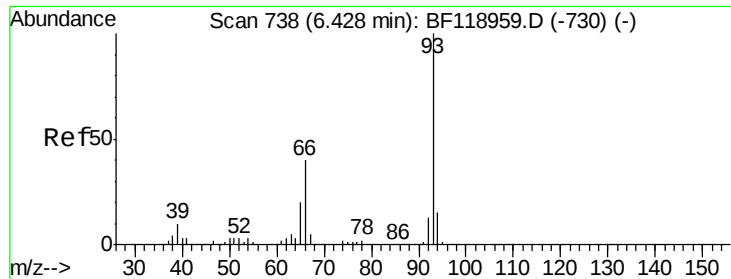
2-Fluorophenol
 Concen: 88.257 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	45.0	67.4
63	27.8	24.2	36.4



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: 31.398 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.04 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

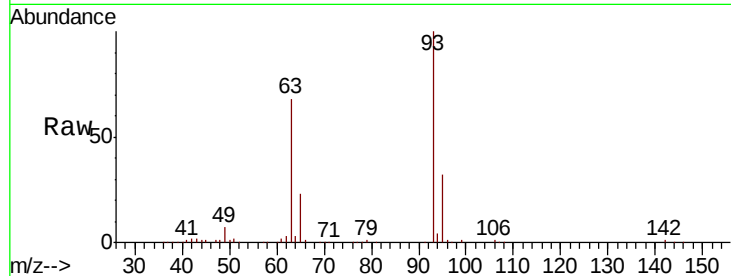
Tot Ion: 93 Resp: 394232

Ion Ratio Lower Upper

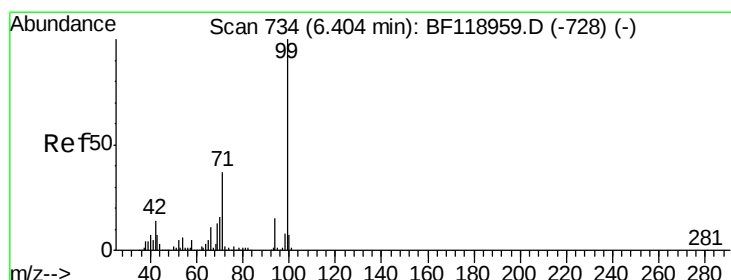
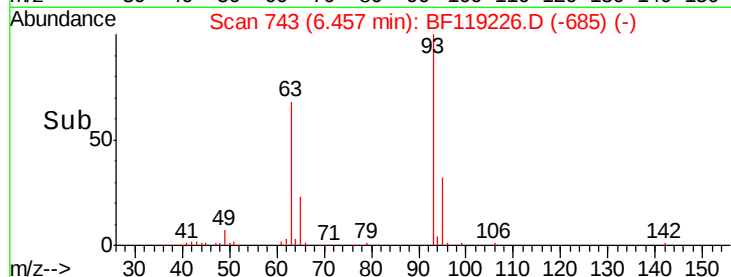
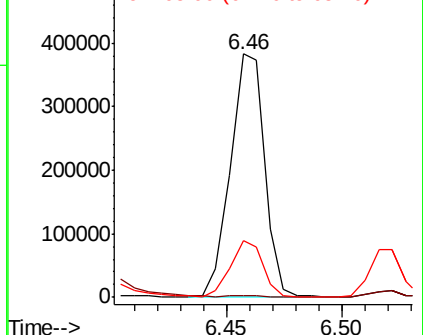
93 100

66 0.7 74.5 111.7#

65 23.2 45.3 67.9#



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: 60.314 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

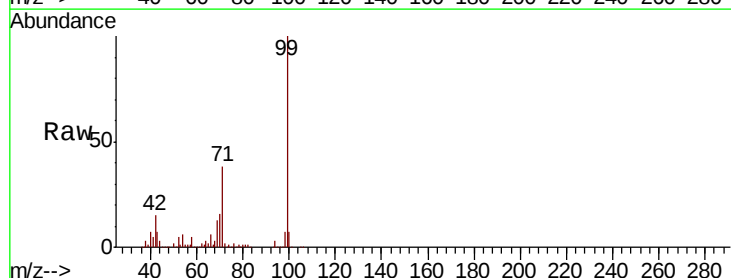
Tgt Ion: 99 Resp: 613745

Ion Ratio Lower Upper

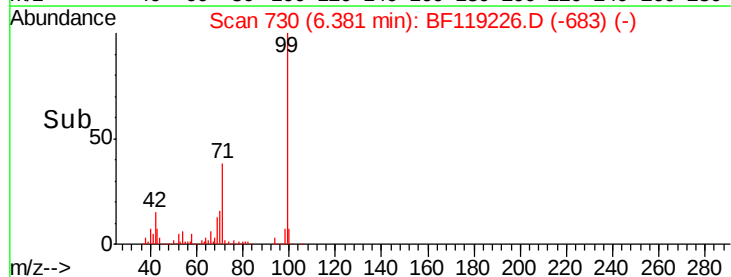
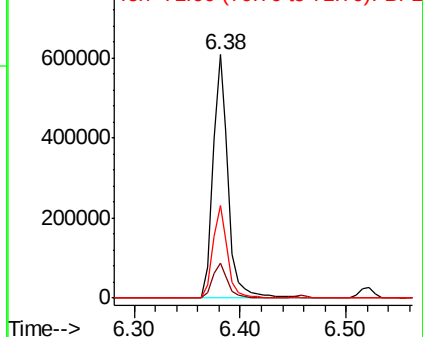
99 100

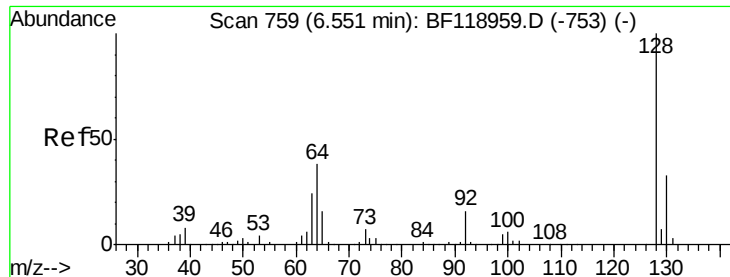
42 14.5 12.6 18.8

71 38.0 31.0 46.4



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: 47.085 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

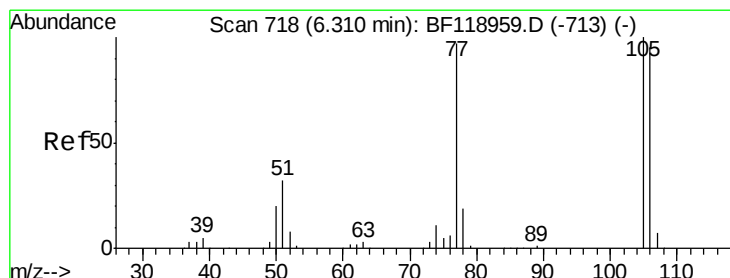
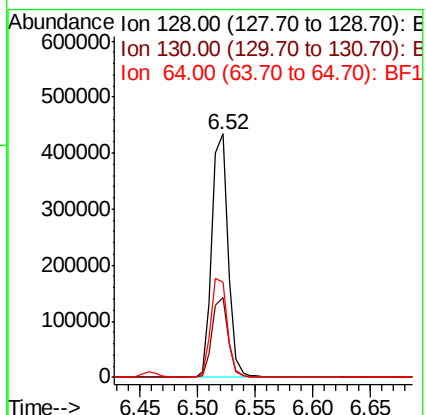
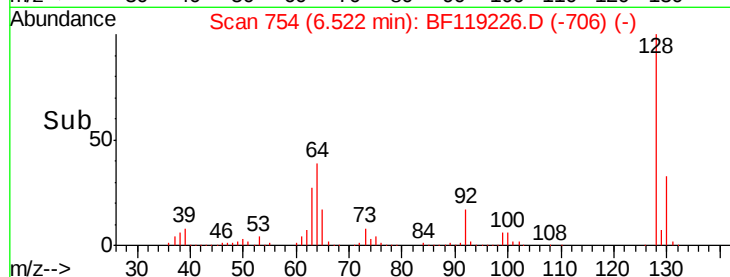
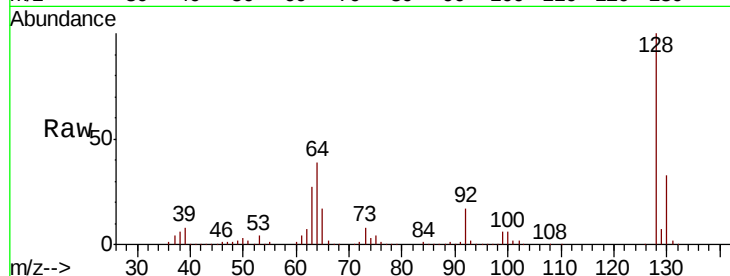
Tot Ion:128 Resp: 425157

Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 39.3 22.3 62.3



#9

Benzaldehyde

Concen: 30.042 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

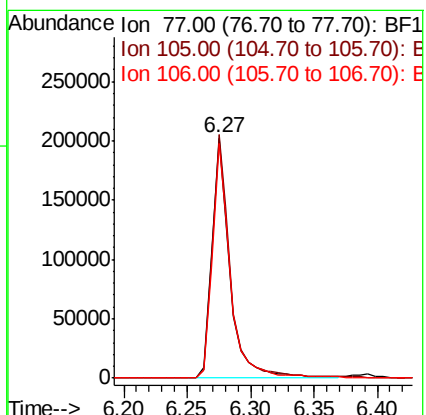
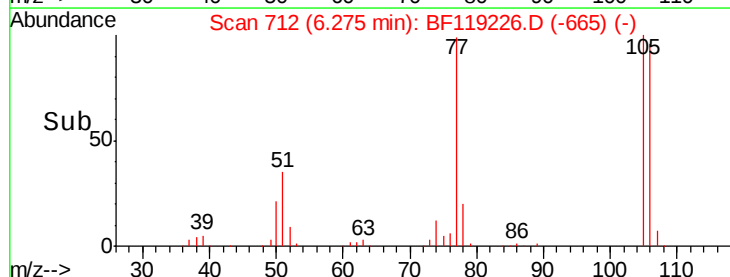
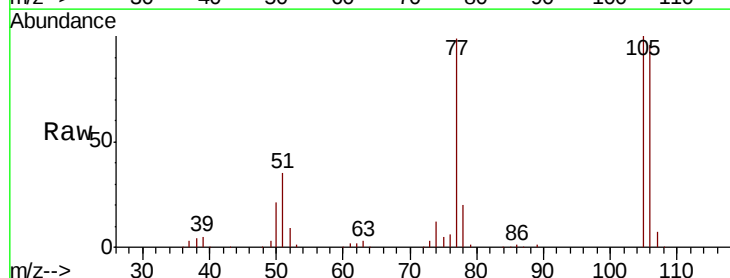
Tgt Ion: 77 Resp: 204240

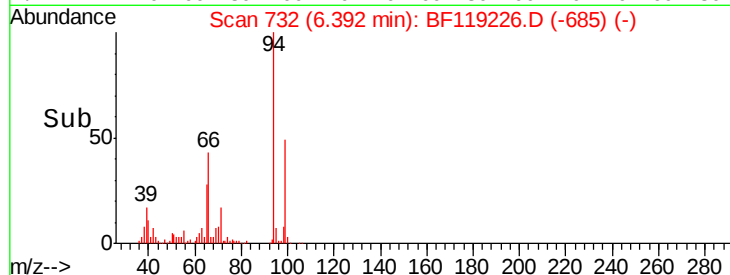
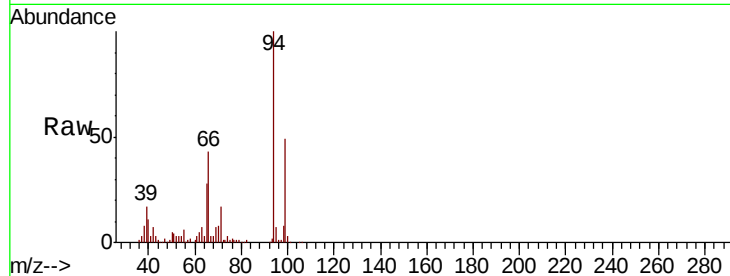
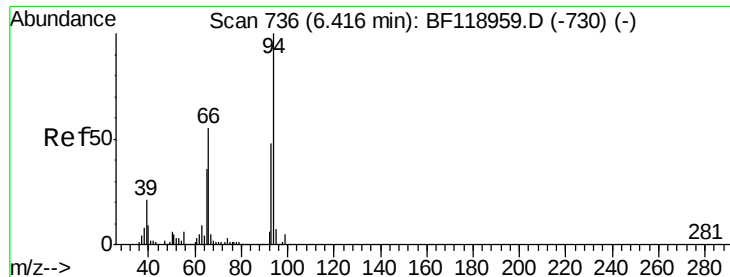
Ion Ratio Lower Upper

77 100

105 101.3 80.1 120.1

106 97.7 75.9 115.9





#10

Phenol

Concen: 21.617 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

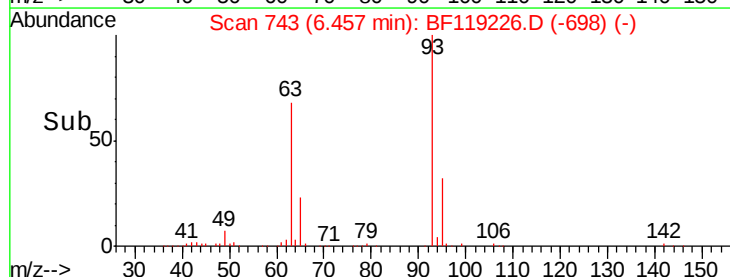
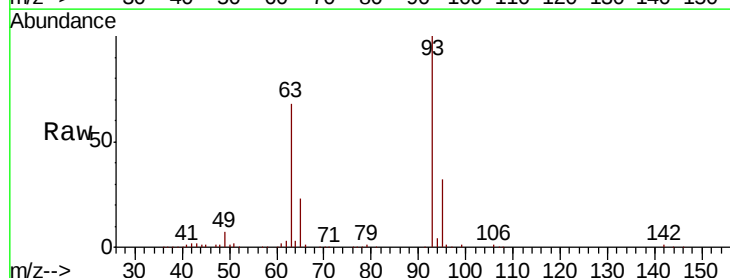
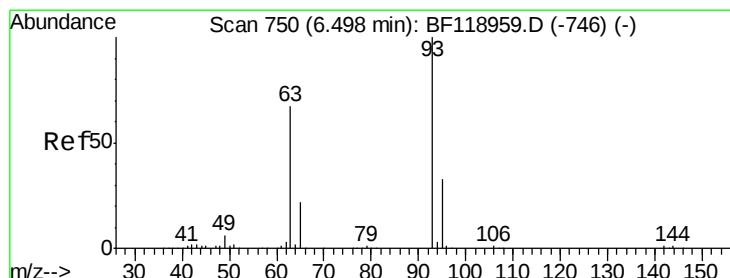
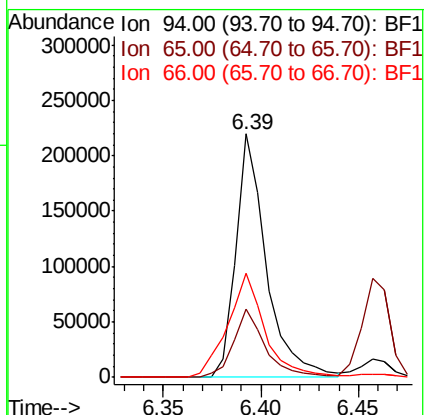
Tot Ion: 94 Resp: 237823

Ion Ratio Lower Upper

94 100

65 28.0 19.2 59.2

66 42.6 44.4 84.4#



#11

bis(2-Chloroethyl)ether

Concen: 46.832 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

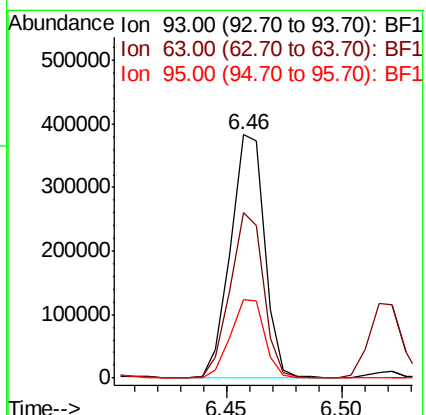
Tgt Ion: 93 Resp: 394232

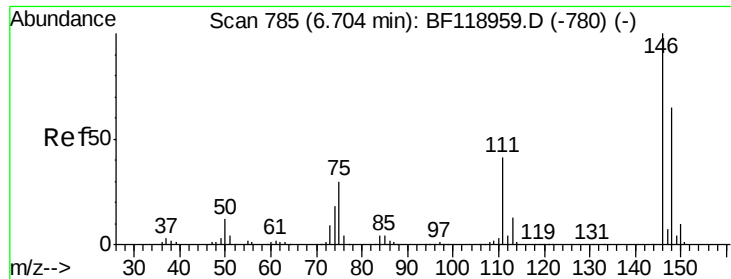
Ion Ratio Lower Upper

93 100

63 68.1 45.4 85.4

95 32.0 13.5 53.5

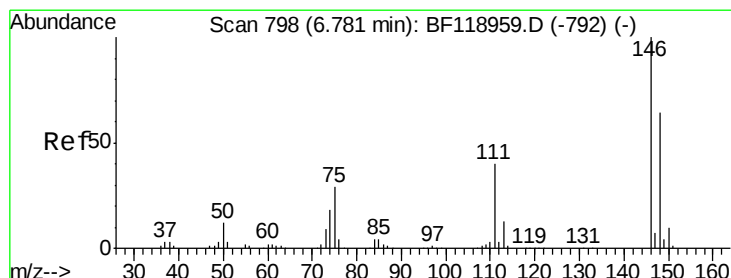
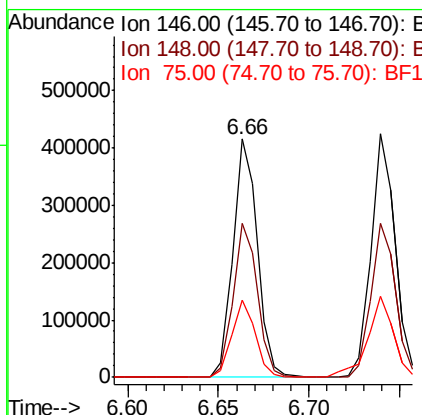
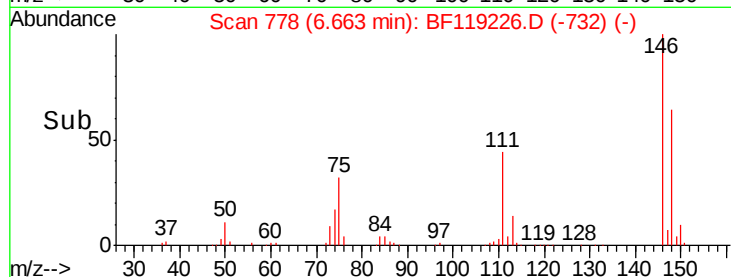
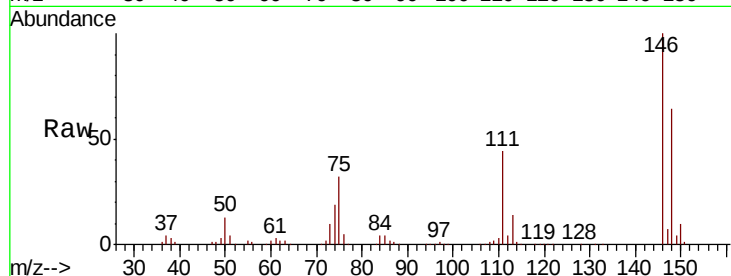




#12
 1,3-Dichlorobenzene
 Concen: 36.019 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

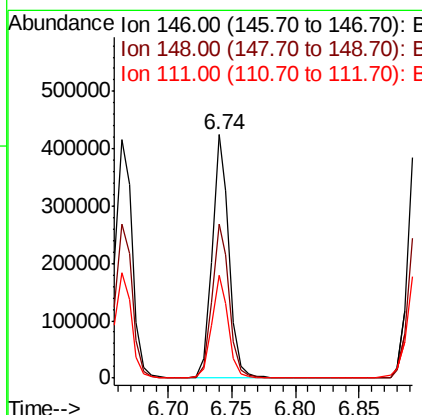
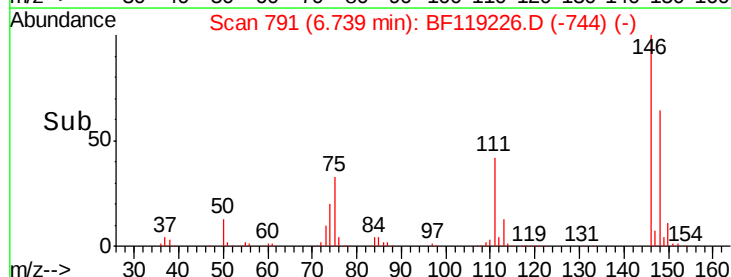
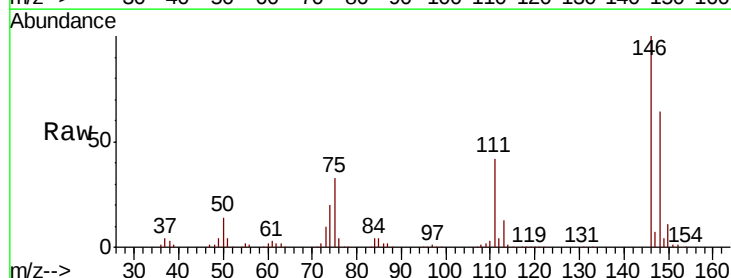
Instrument :
 BNA_F
 ClientSampleId :

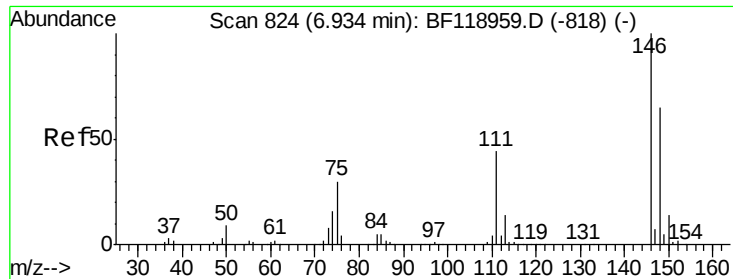
Tot Ion:146 Resp: 389813
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.5 78.7
 75 32.3 23.6 35.4



#13
 1,4-Dichlorobenzene
 Concen: 36.772 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:146 Resp: 398240
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 42.4 34.8 52.2

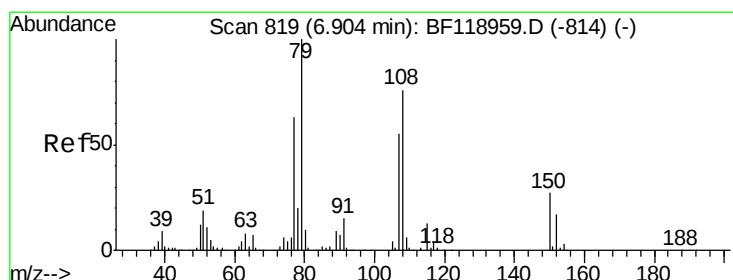
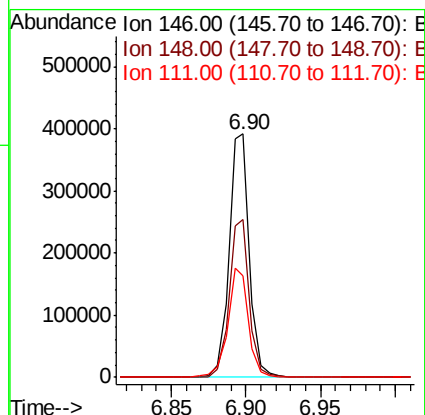
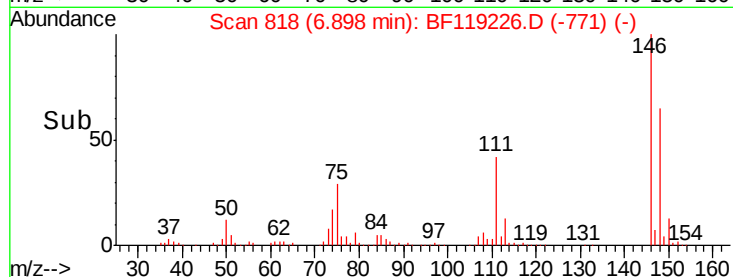
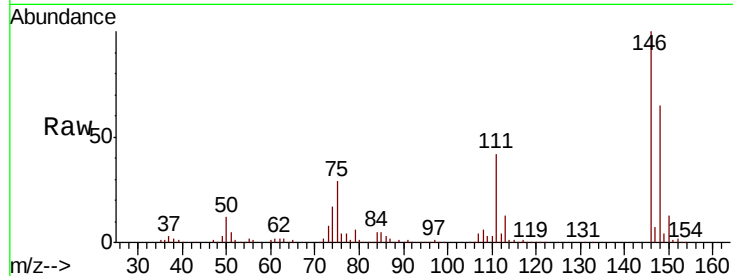




#14
1,2-Dichlorobenzene
Concen: 38.075 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

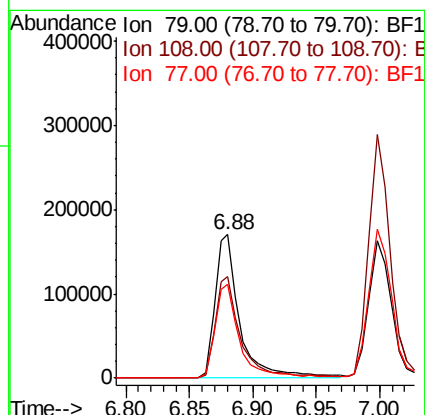
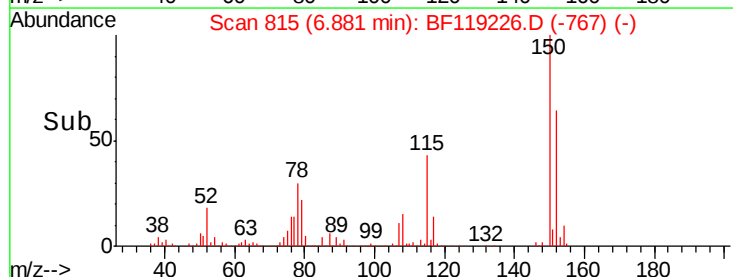
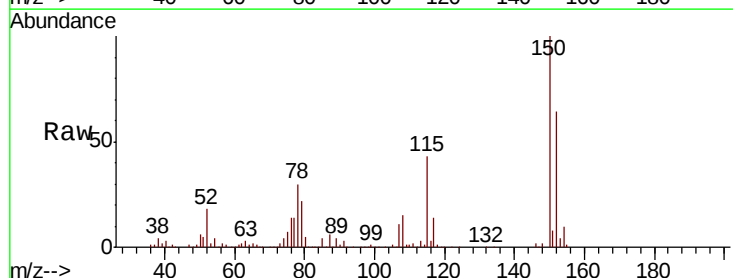
Instrument :
BNA_F
ClientSampled :

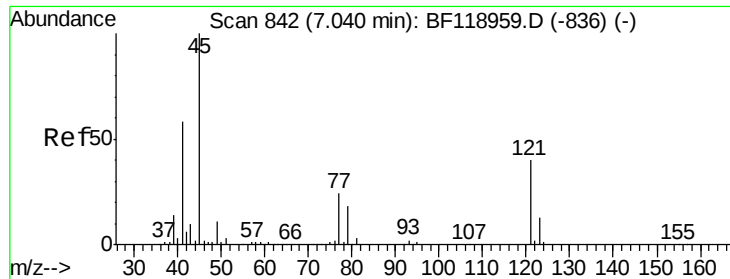
Tot Ion:146 Resp: 376063
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 41.5 36.2 54.2



#15
Benzyl Alcohol
Concen: 31.855 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion: 79 Resp: 234273
Ion Ratio Lower Upper
79 100
108 71.3 58.2 87.2
77 65.8 51.2 76.8

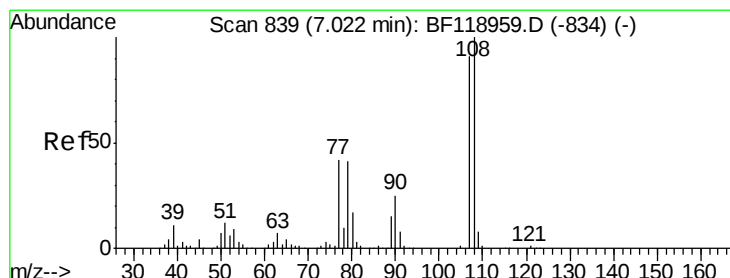
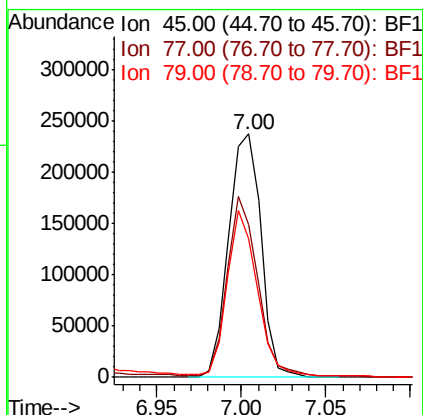
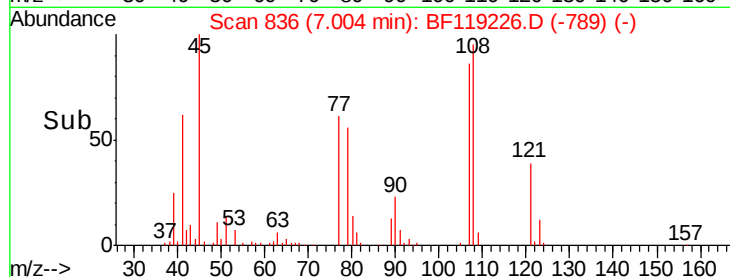
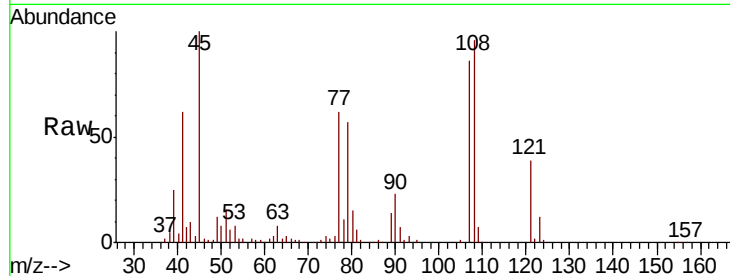




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.486 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

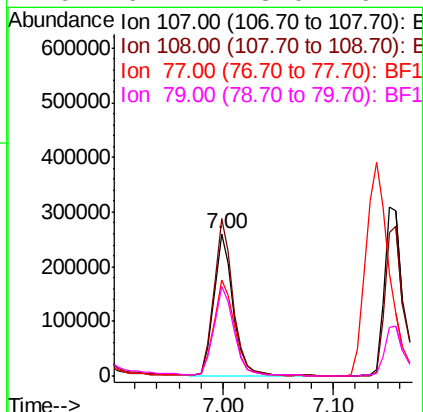
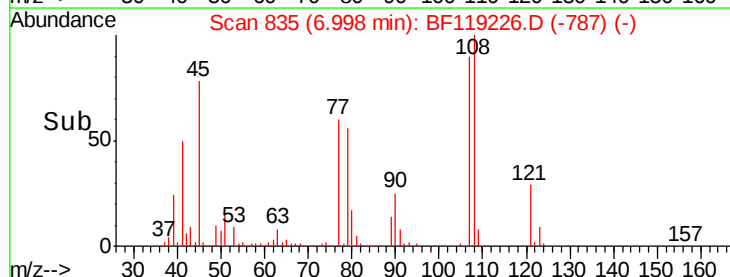
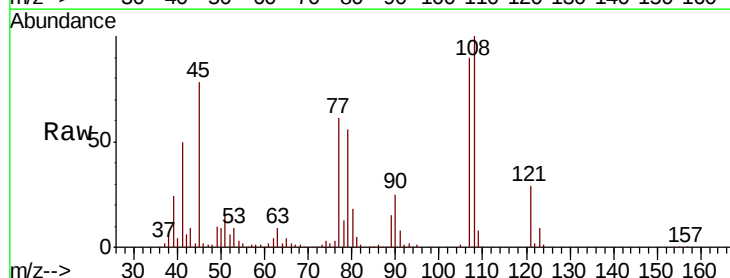
Instrument :
BNA_F
ClientSampled :

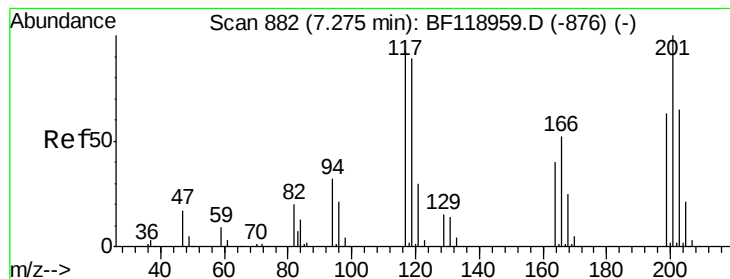
Tot Ion: 45 Resp: 317105
Ion Ratio Lower Upper
45 100
77 62.5 15.0 55.0#
79 57.2 9.4 49.4#



#17
2-Methylphenol
Concen: 42.551 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion: 107 Resp: 311507
Ion Ratio Lower Upper
107 100
108 111.0 87.9 131.9
77 67.7 45.3 67.9
79 62.7 43.0 64.4





#18

Hexachloroethane

Concen: 34.573 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

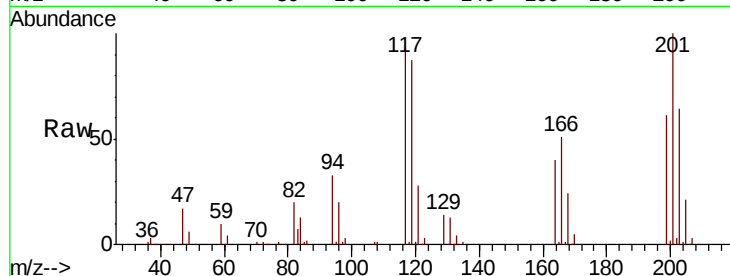
Tot Ion:117 Resp: 133956

Ion Ratio Lower Upper

117 100

119 92.8 77.5 116.3

201 106.9 82.6 123.8

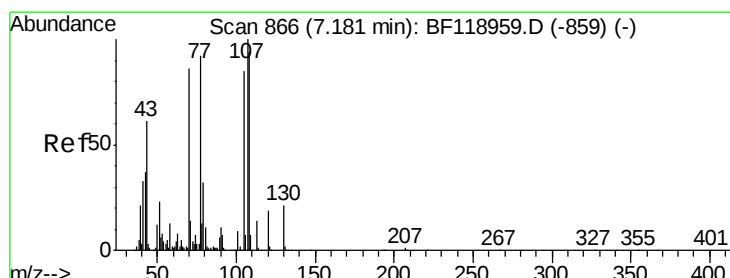
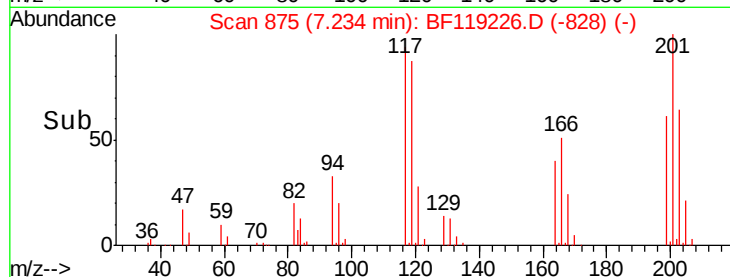
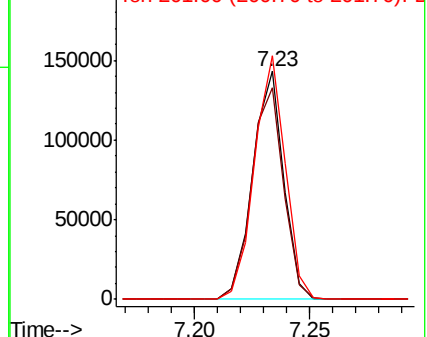


Abundance

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: 51.270 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion: 70 Resp: 304003

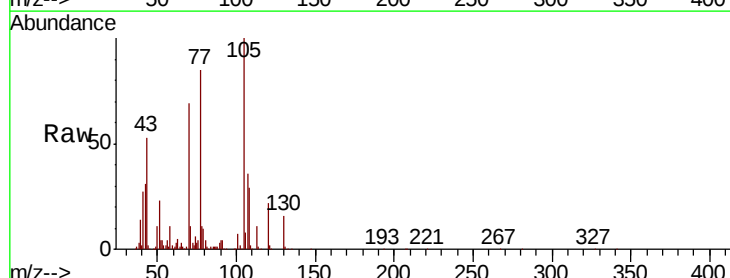
Ion Ratio Lower Upper

70 100

42 45.5 38.0 57.0

101 10.0 8.2 12.4

130 22.8 18.2 27.4



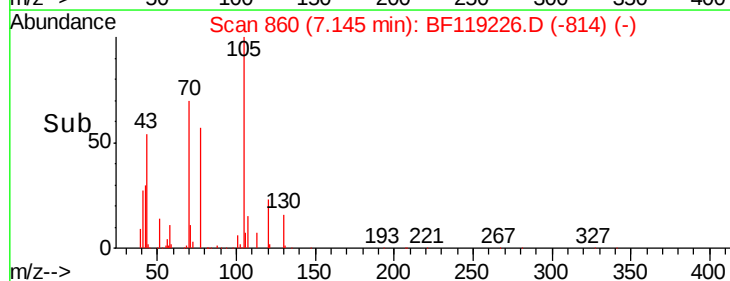
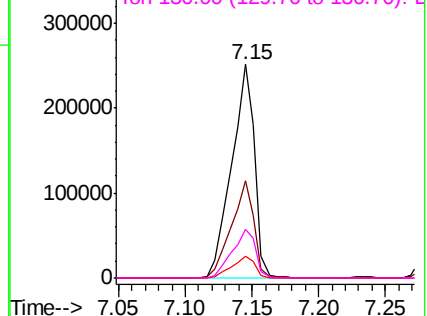
Abundance

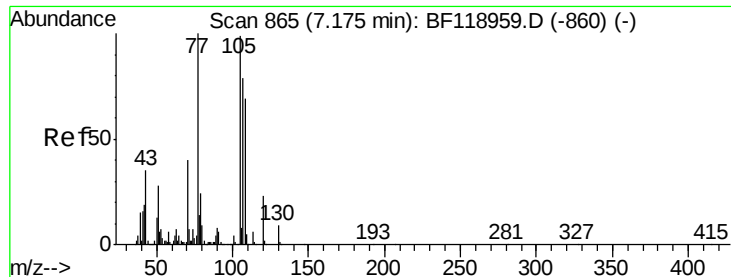
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.640 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 373464

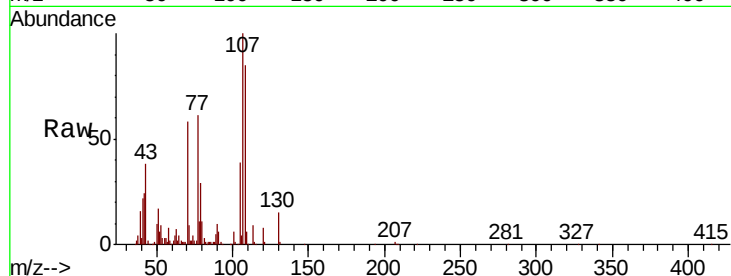
Ion Ratio Lower Upper

107 100

108 85.1 71.5 111.5

77 60.8 45.9 85.9

79 29.0 13.8 53.8

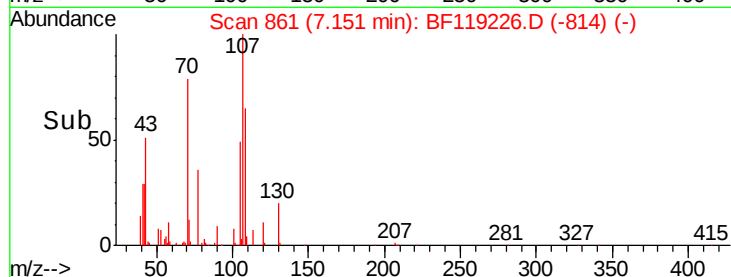


Abundance Ion 107.00 (106.70 to 107.70): E

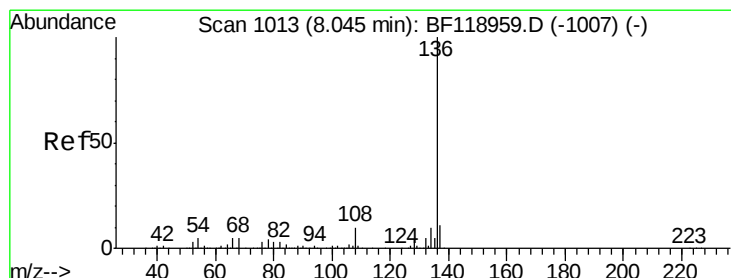
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:136 Resp: 541339

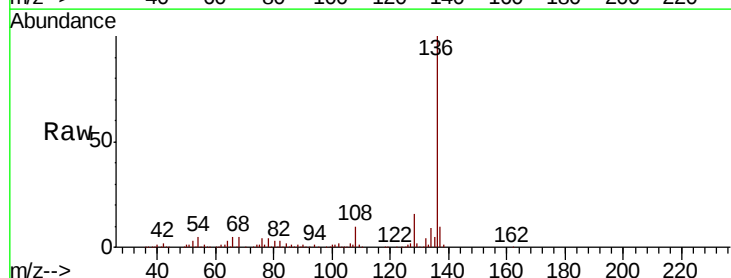
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 4.8 3.8 5.6

68 4.9 3.9 5.9

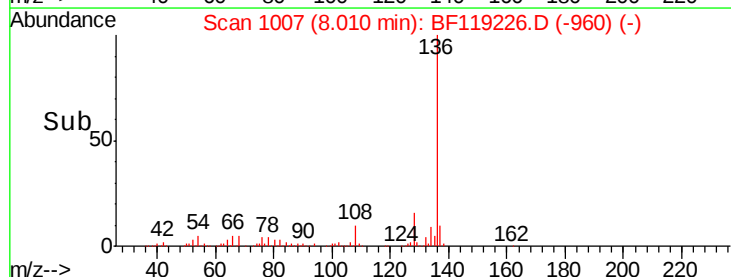


Abundance Ion 136.00 (135.70 to 136.70): E

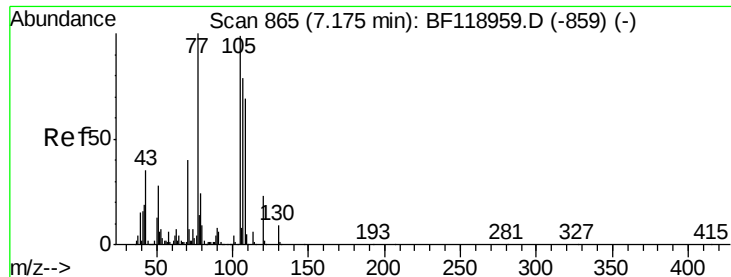
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



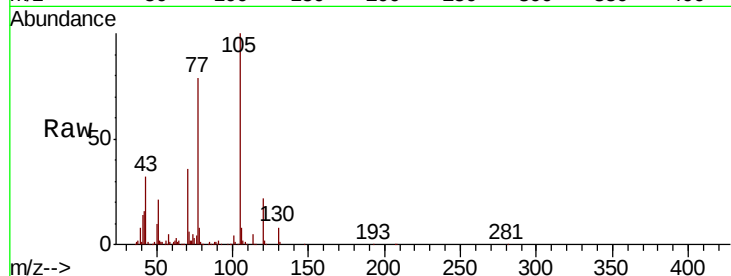
Time-->



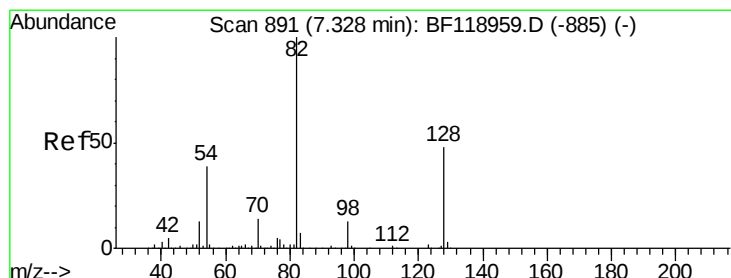
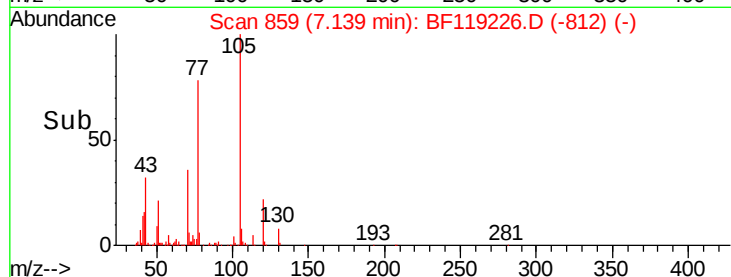
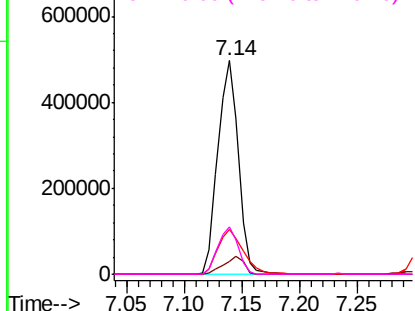
#22
Acetophenone
Concen: 48.837 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 611689
Ion Ratio Lower Upper
105 100
71 5.9 3.0 4.4#
51 21.2 20.1 30.1
120 22.4 18.0 27.0

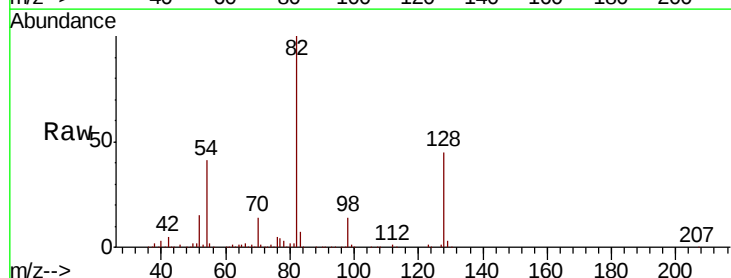


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

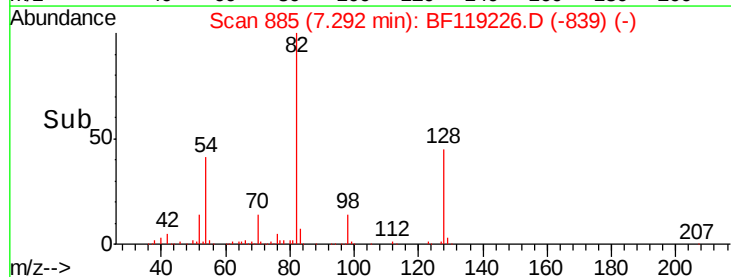
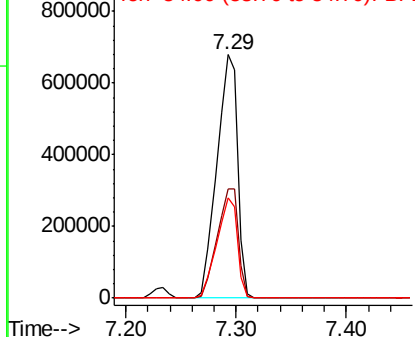


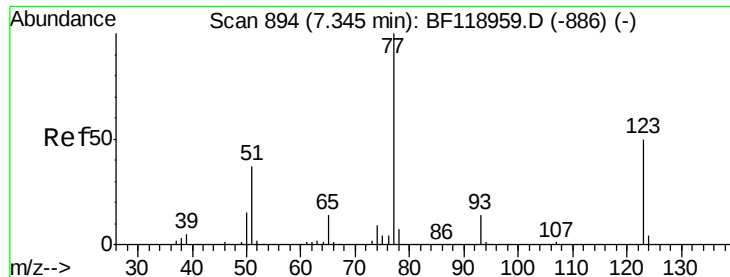
#23
Nitrobenzene-d5
Concen: 86.117 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion: 82 Resp: 882921
Ion Ratio Lower Upper
82 100
128 45.1 37.9 56.9
54 41.2 33.4 50.2



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





#24

Nitrobenzene

Concen: 45.300 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

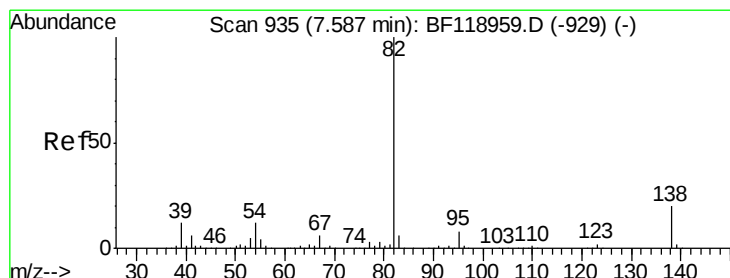
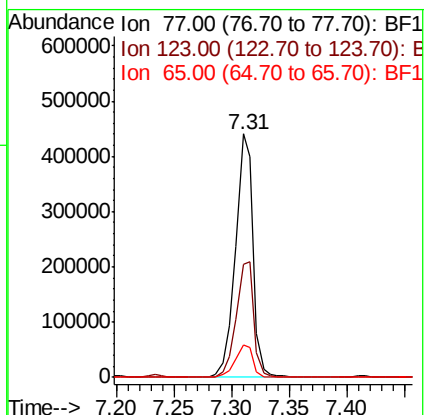
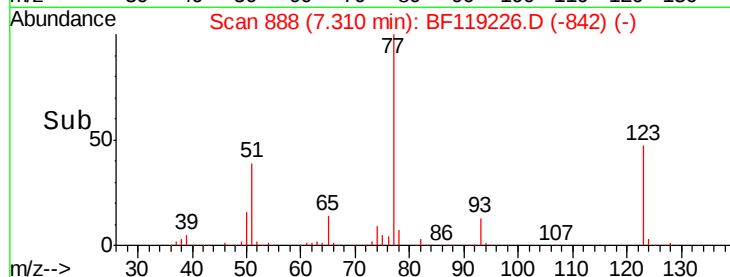
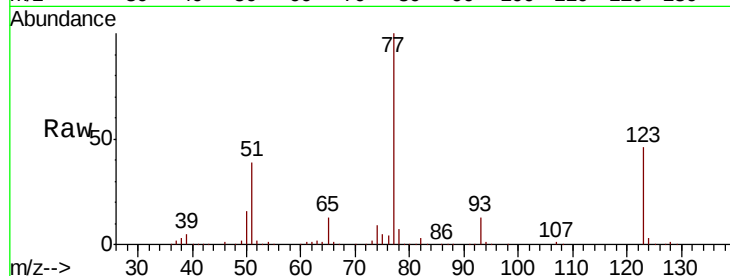
Tot Ion: 77 Resp: 459293

Ion Ratio Lower Upper

77 100

123 46.4 40.2 60.2

65 13.4 10.8 16.2



#25

Isophorone

Concen: 47.593 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

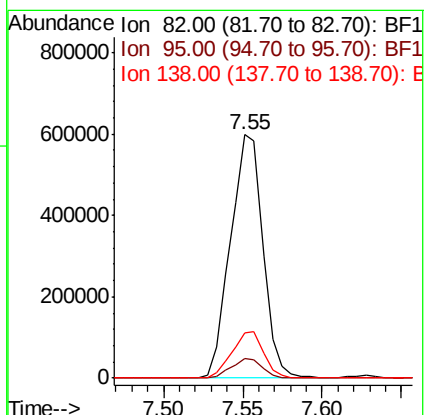
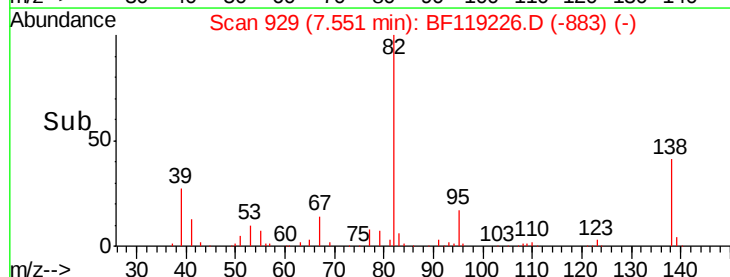
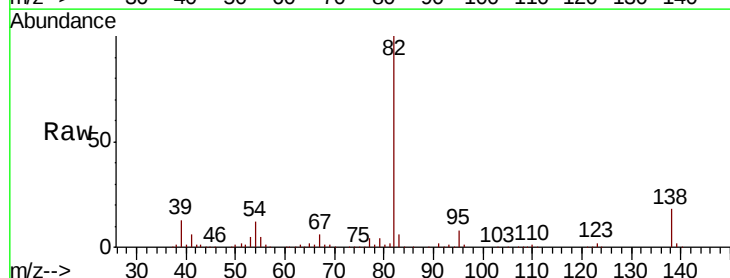
Tgt Ion: 82 Resp: 847438

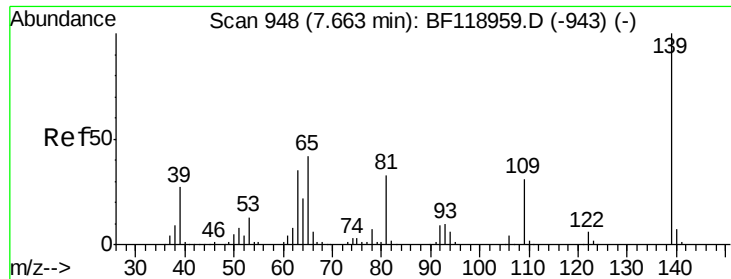
Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 18.4 15.7 23.5

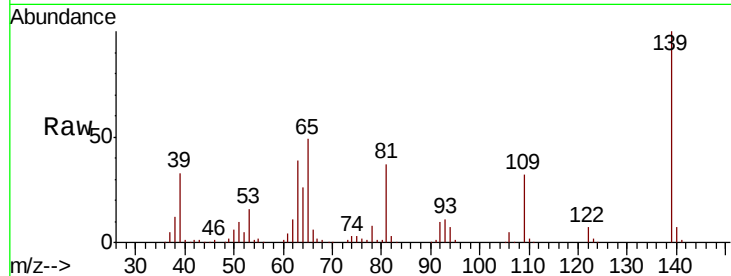




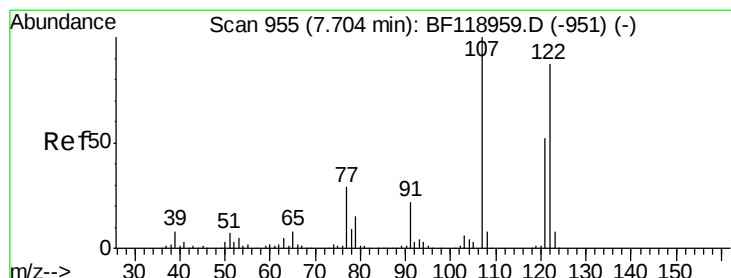
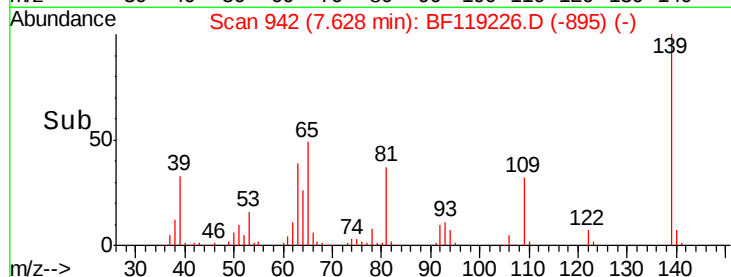
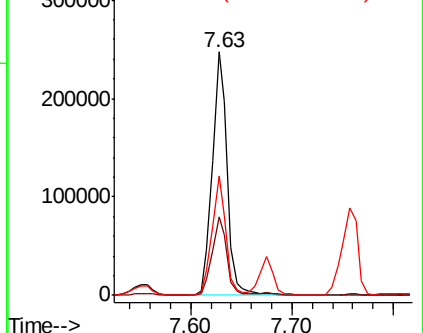
#26
2-Nitrophenol
Concen: 47.026 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	32.0	25.7	38.5
65	49.3	37.1	55.7

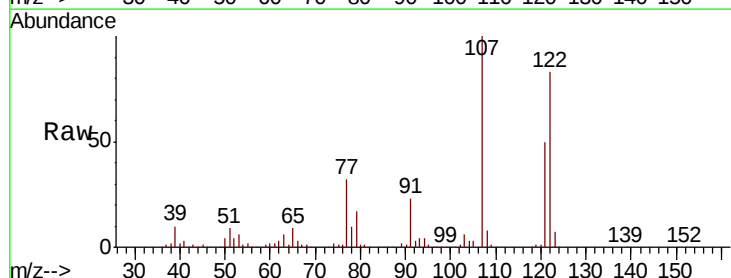


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

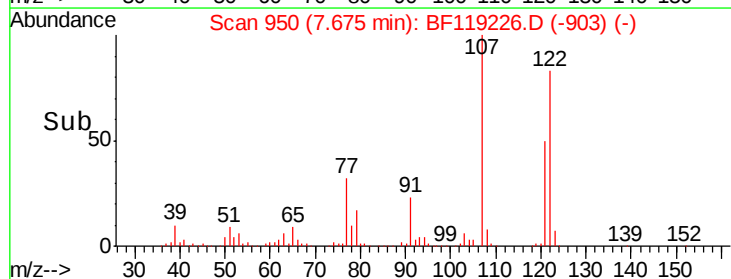
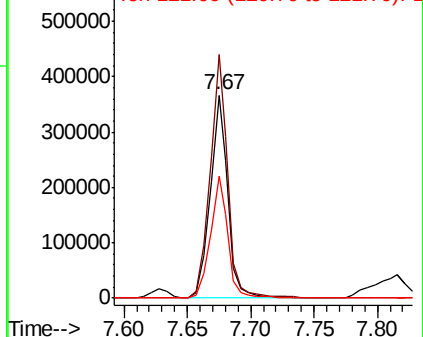


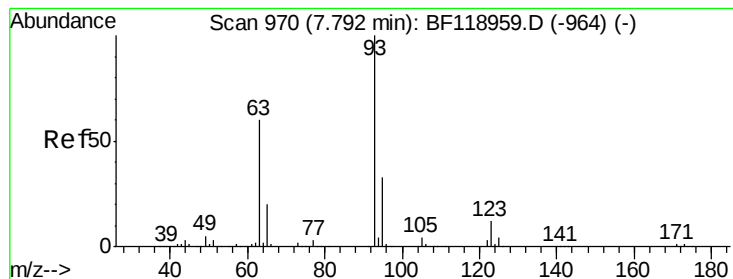
#27
2,4-Dimethylphenol
Concen: 48.893 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.8	93.8	140.6
121	60.1	48.2	72.2



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: 43.634 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

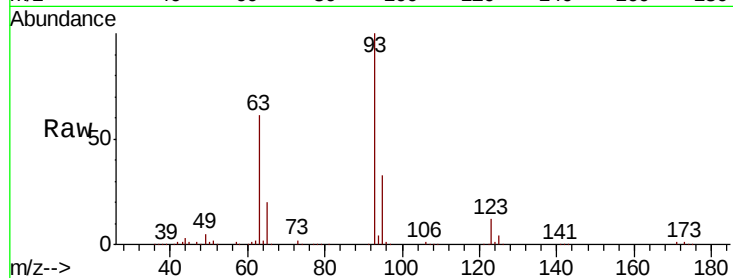
Tot Ion: 93 Resp: 505702

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

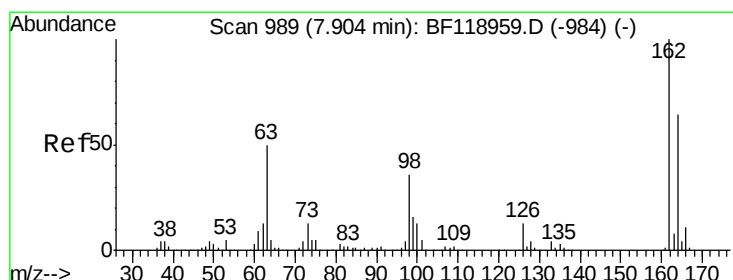
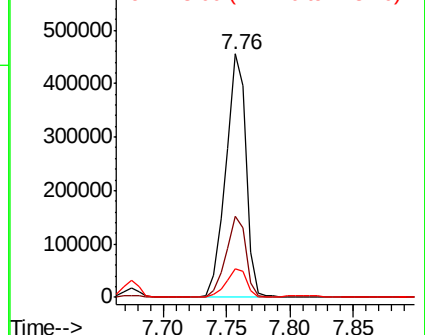
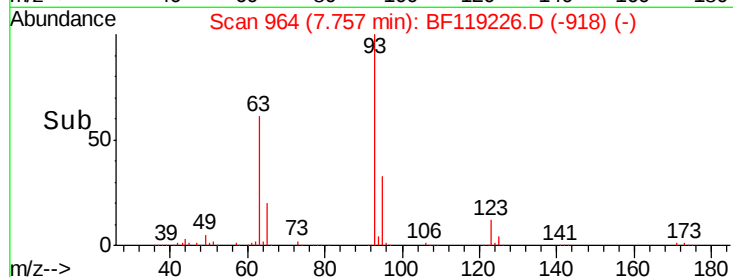
123 11.6 10.2 15.2



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): BF1



#29

2,4-Dichlorophenol

Concen: 45.431 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

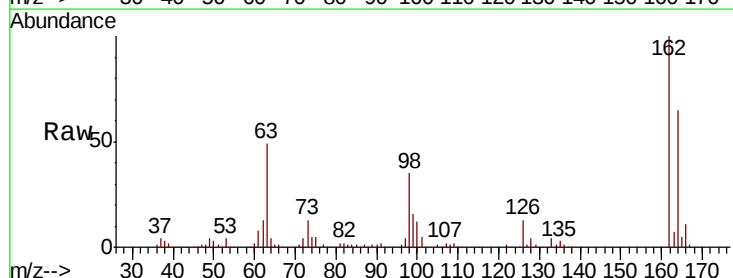
Tgt Ion: 162 Resp: 389937

Ion Ratio Lower Upper

162 100

164 64.9 45.2 85.2

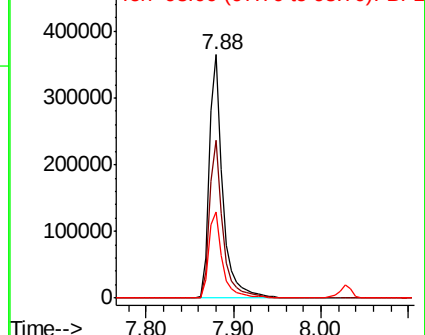
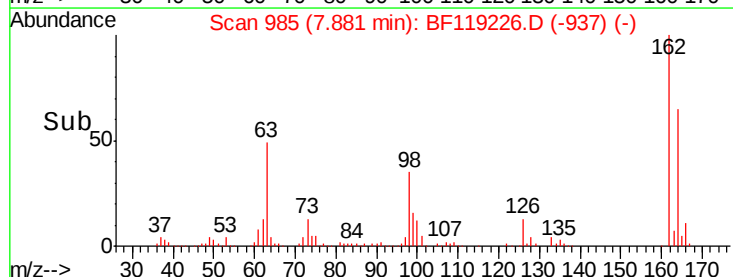
98 35.3 17.4 57.4

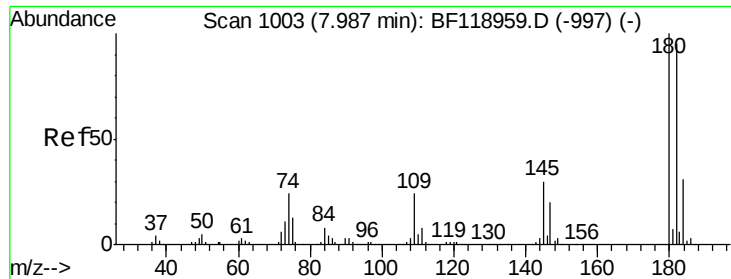


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

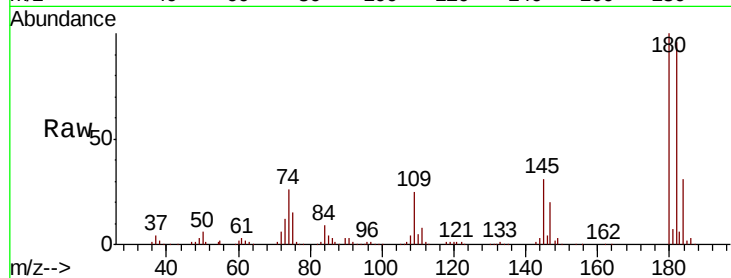




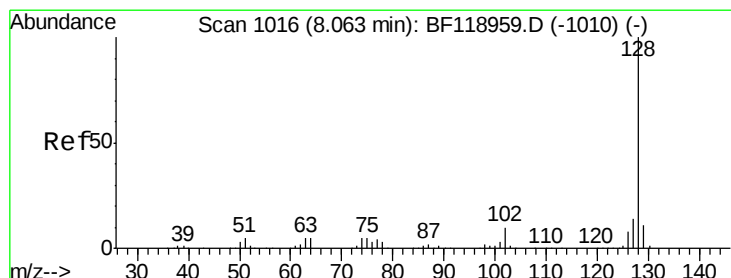
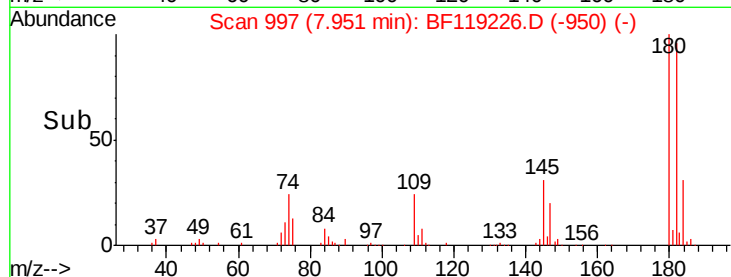
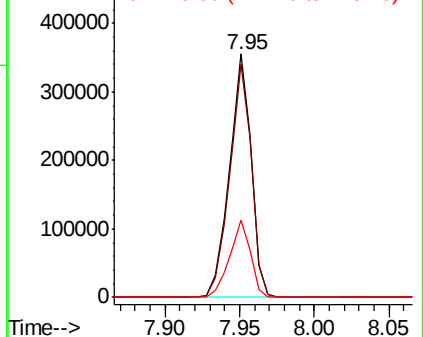
#30
1,2,4-Trichlorobenzene
Concen: 36.024 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 366593
Ion Ratio Lower Upper
180 100
182 95.7 77.8 116.6
145 31.5 25.2 37.8

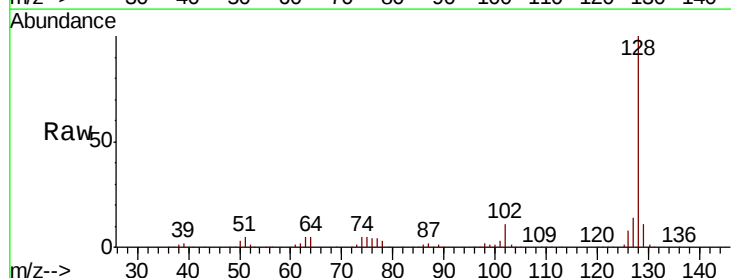


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

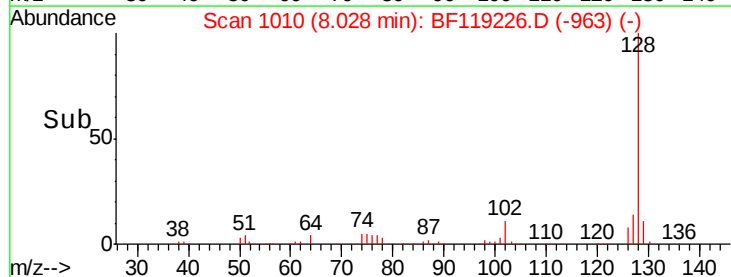
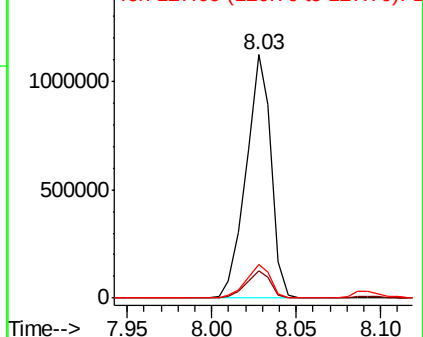


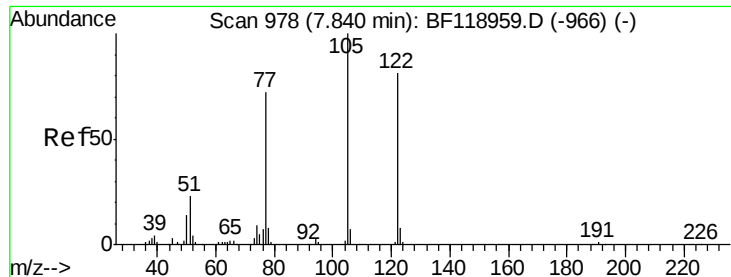
#31
Naphthalene
Concen: 41.407 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:128 Resp: 1162490
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 11.4 17.2



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

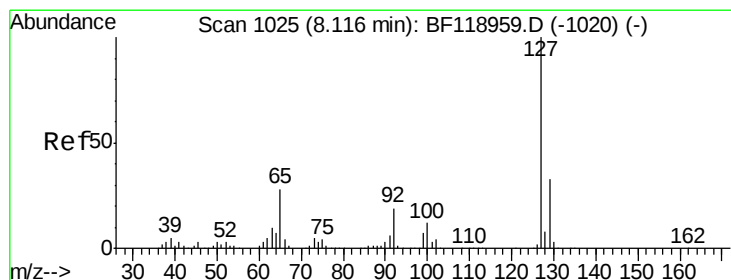
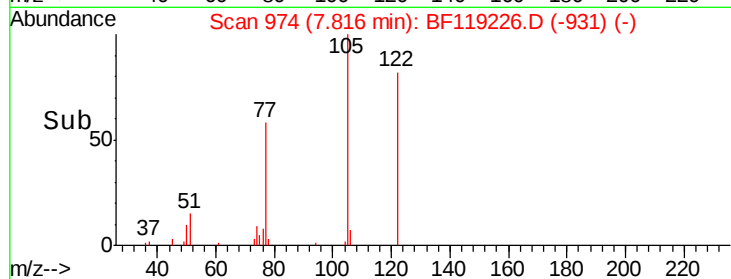
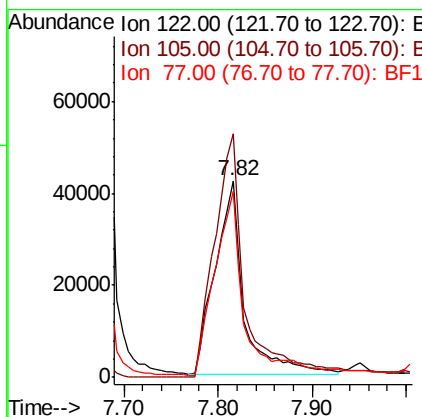
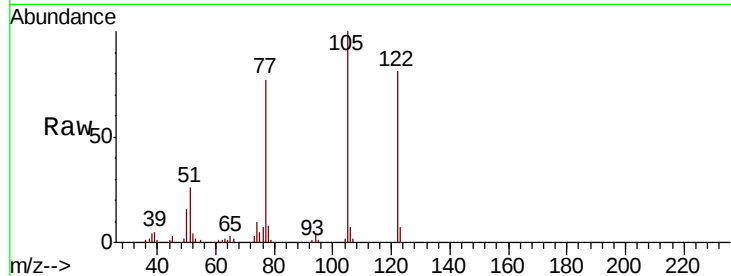




#32
Benzoic acid
Concen: 21.202 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

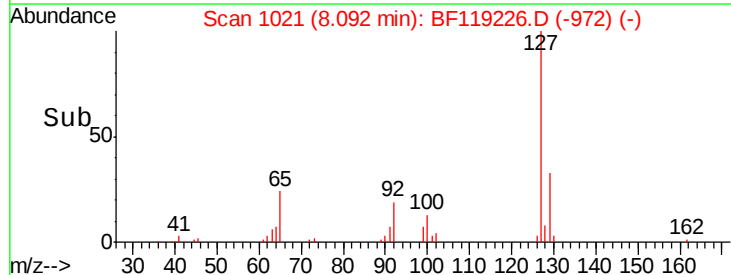
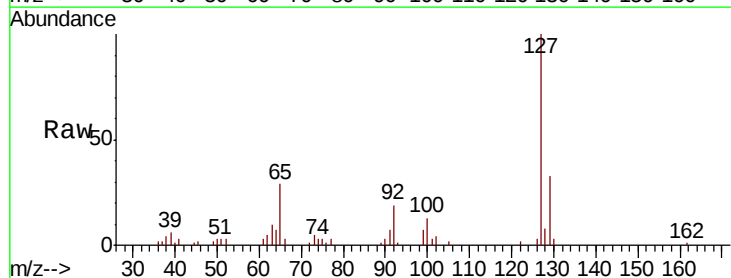
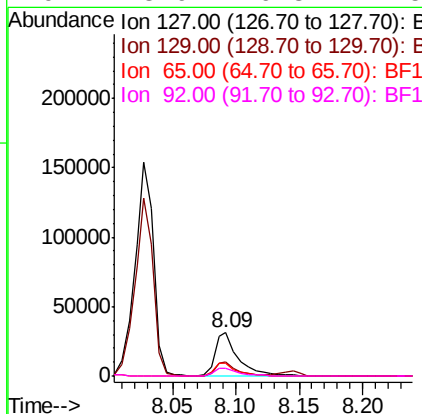
Instrument :
BNA_F
ClientSampleId :

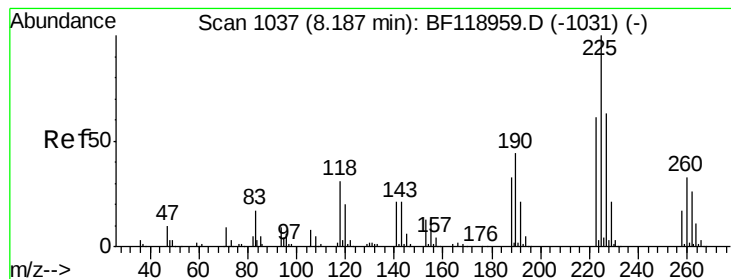
Tot Ion:122 Resp: 89742
Ion Ratio Lower Upper
122 100
105 123.9 106.3 146.3
77 94.8 73.1 113.1



#33
4-Chloroaniline
Concen: 3.375 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:127 Resp: 40757
Ion Ratio Lower Upper
127 100
129 33.1 25.9 38.9
65 28.6 23.9 35.9
92 18.9 16.3 24.5





#34

Hexachlorobutadiene

Concen: 32.209 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

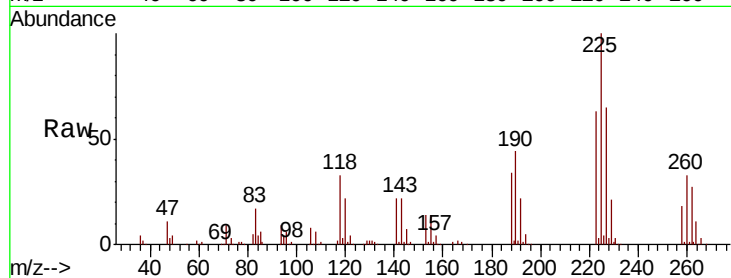
Tot Ion:225 Resp: 204167

Ion Ratio Lower Upper

225 100

223 62.9 49.4 74.2

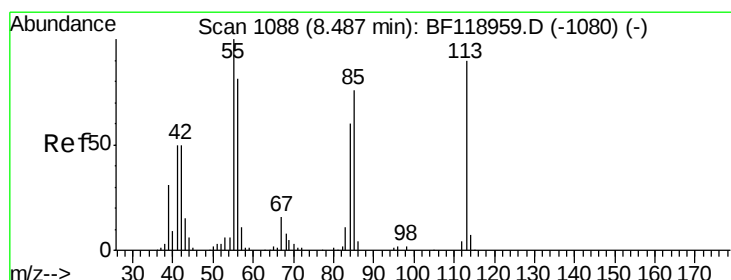
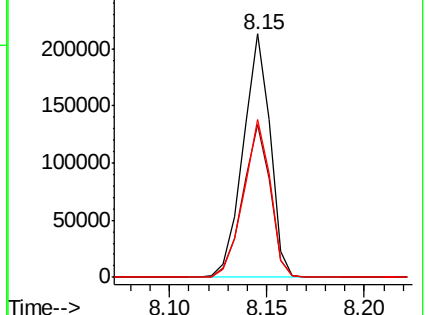
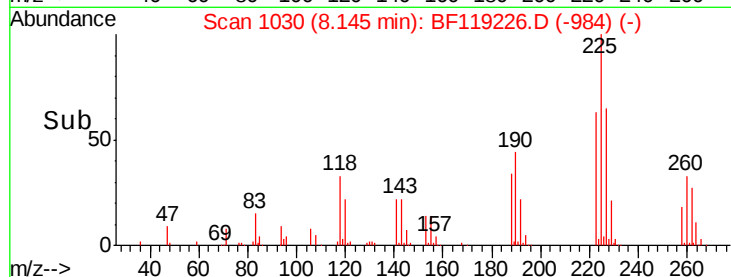
227 64.6 52.9 79.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 4.045 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

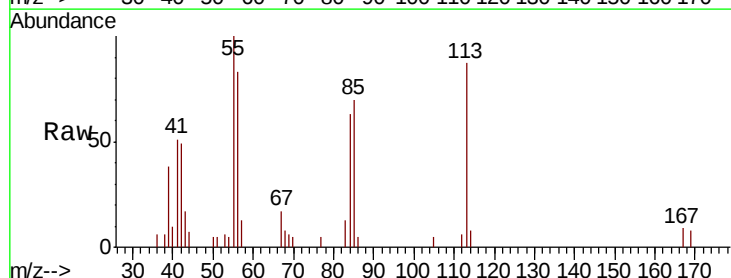
Tgt Ion:113 Resp: 10689

Ion Ratio Lower Upper

113 100

55 115.1 95.7 135.7

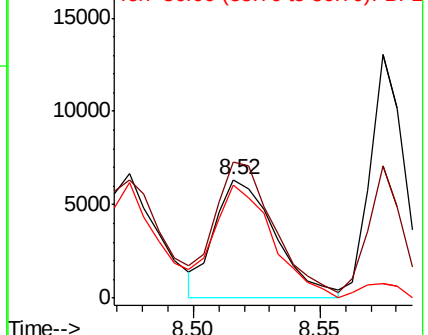
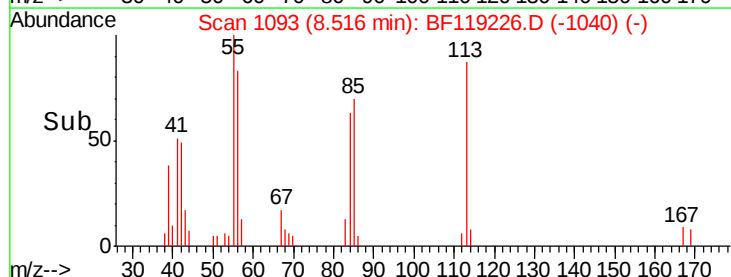
56 95.1 73.1 113.1

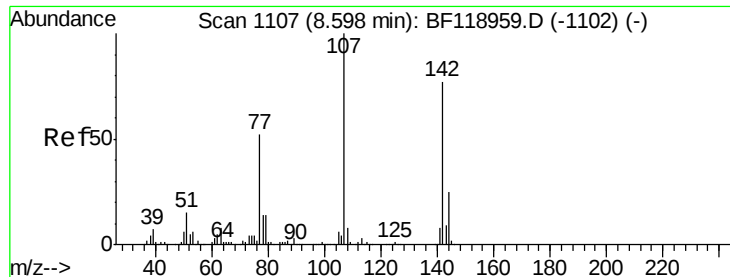


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

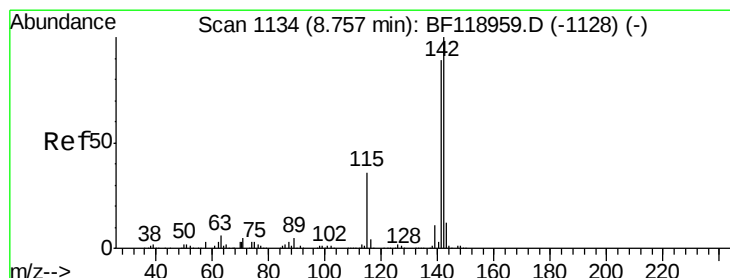
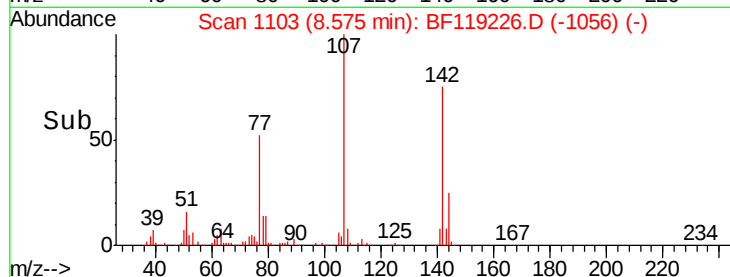
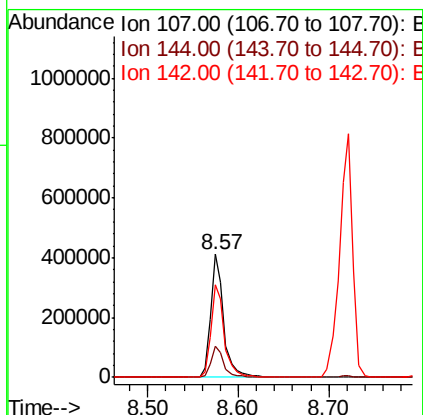
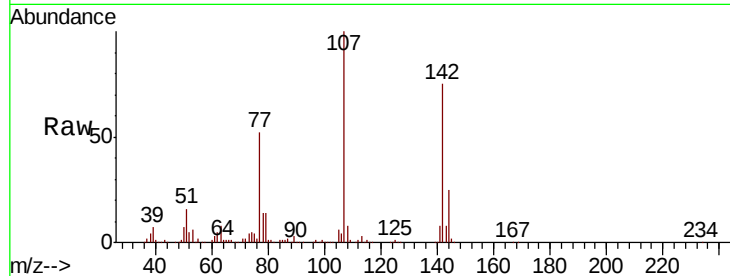




#36
 4-Chloro-3-methylphenol
 Concen: 47.848 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

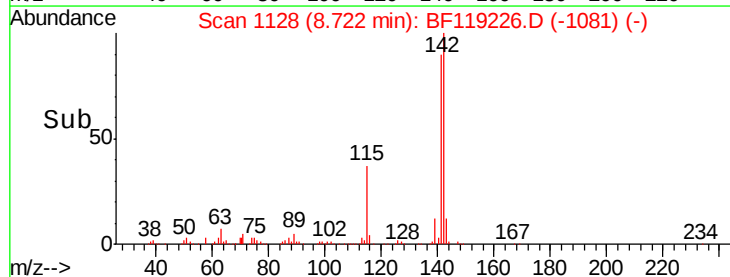
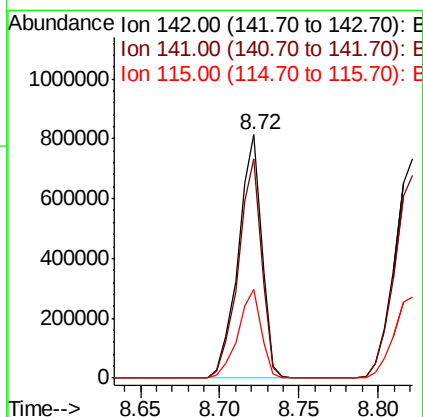
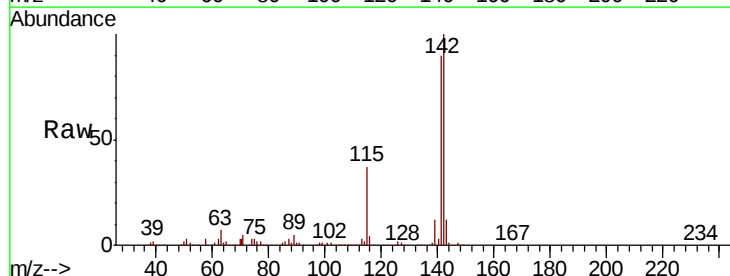
Instrument :
 BNA_F
 ClientSampled :

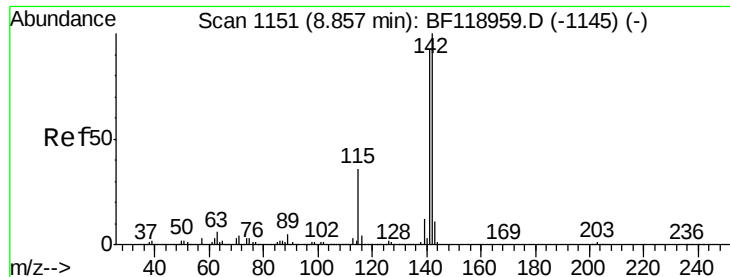
Tot Ion:107 Resp: 415628
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.1 30.1
 142 75.1 61.4 92.2



#37
 2-Methylnaphthalene
 Concen: 44.026 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:142 Resp: 831799
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.3 108.5
 115 36.6 30.6 45.8

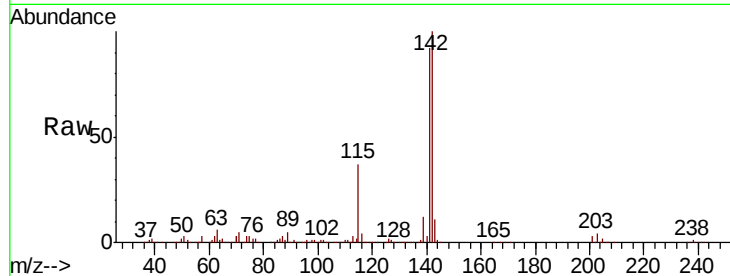




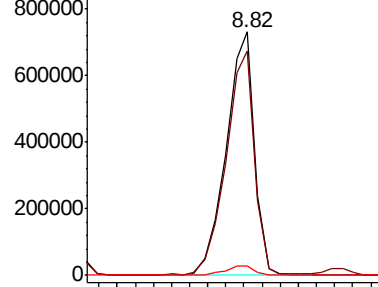
#38
1-Methylnaphthalene
Concen: 44.224 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampled :

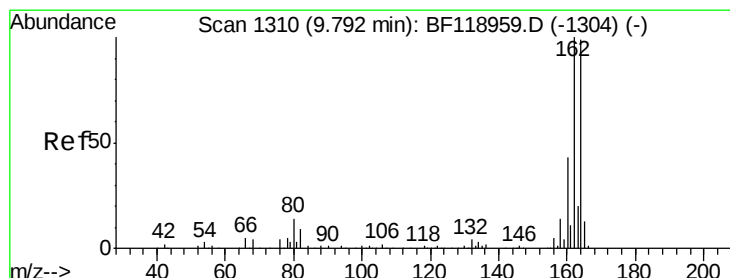
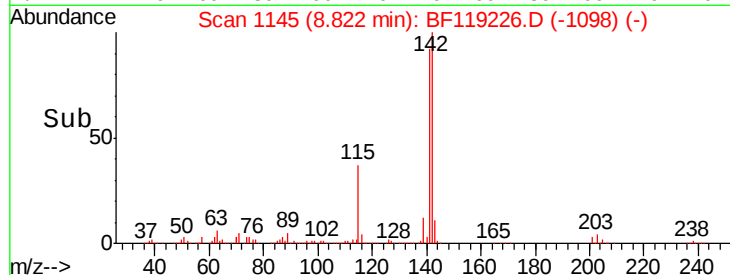
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.6
116	3.8	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

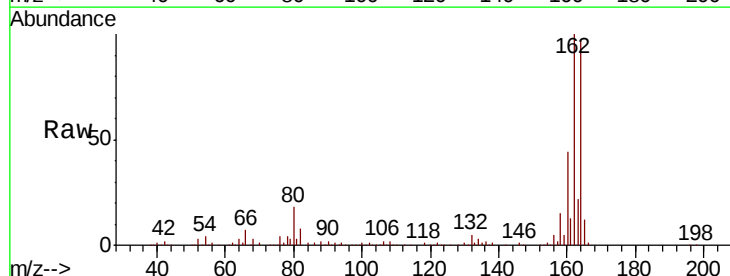


Time-->

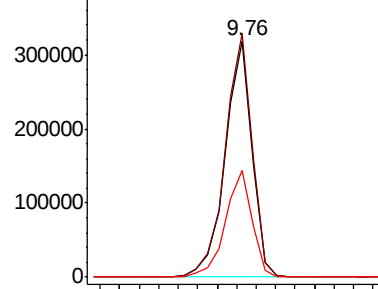


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

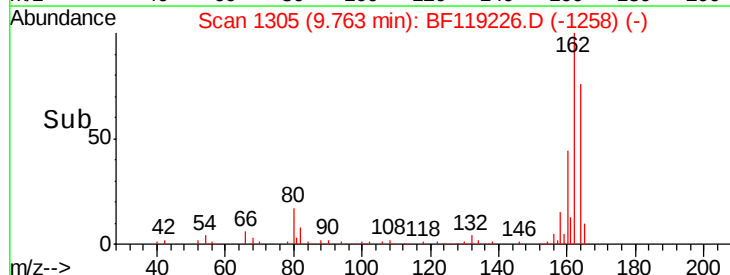
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.8
160	45.0	36.0	54.0

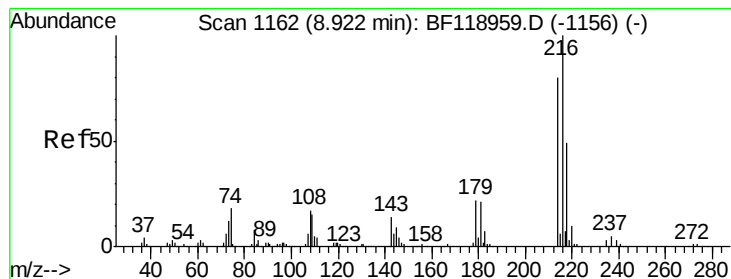


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.143 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 418769

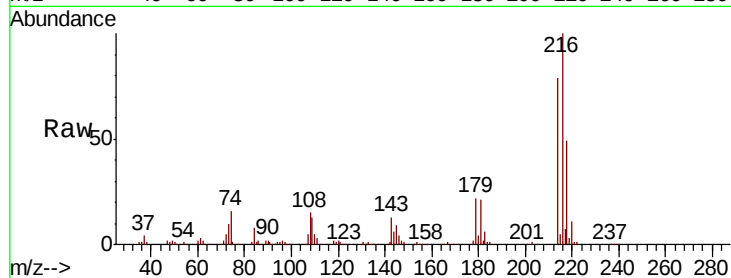
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 21.7 17.7 26.5

108 18.0 13.9 20.9

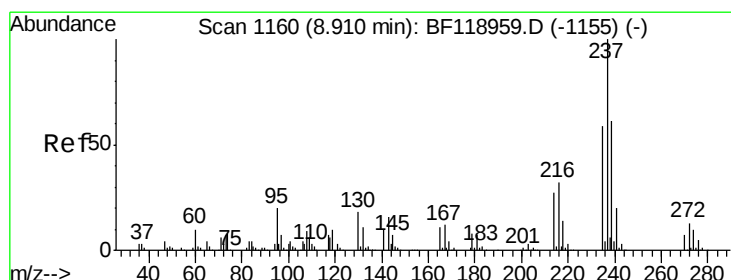
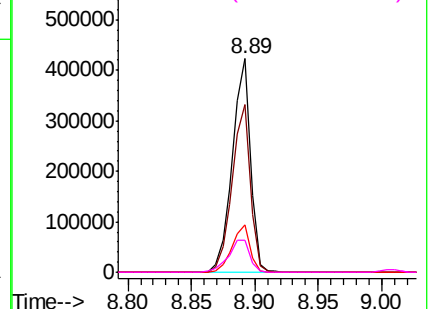
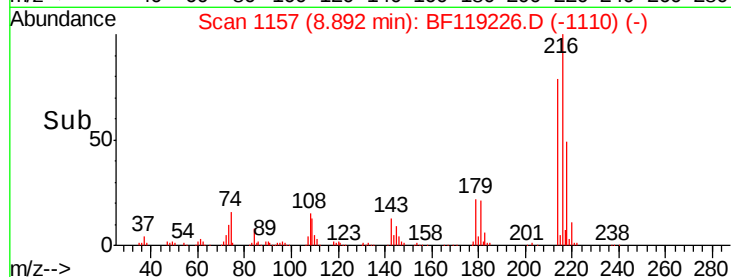


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 49.481 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

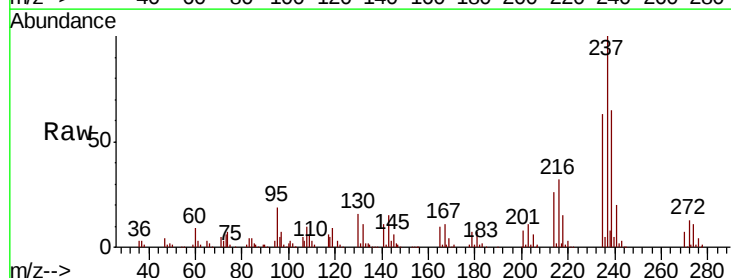
Tgt Ion:237 Resp: 168279

Ion Ratio Lower Upper

237 100

235 62.5 42.3 82.3

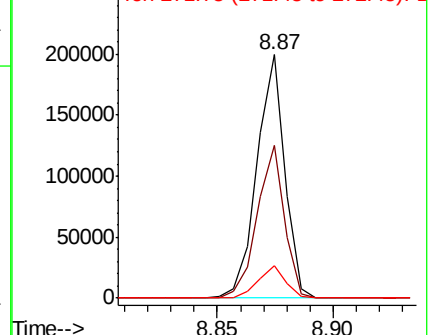
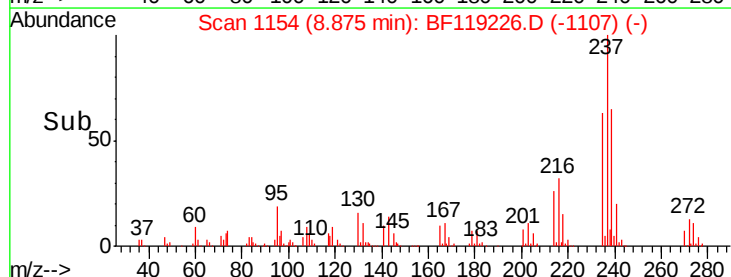
272 13.3 0.0 33.5

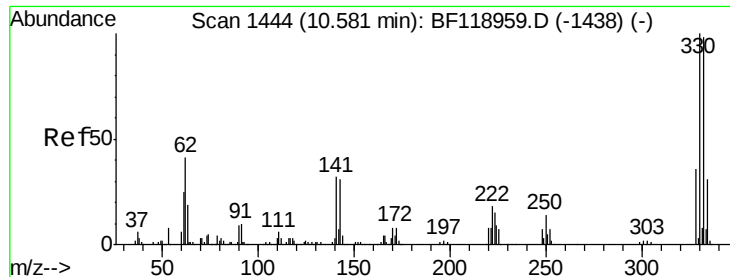


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 128.499 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

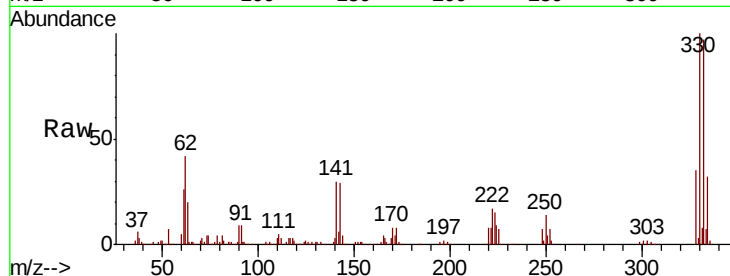
Tot Ion:330 Resp: 507469

Ion Ratio Lower Upper

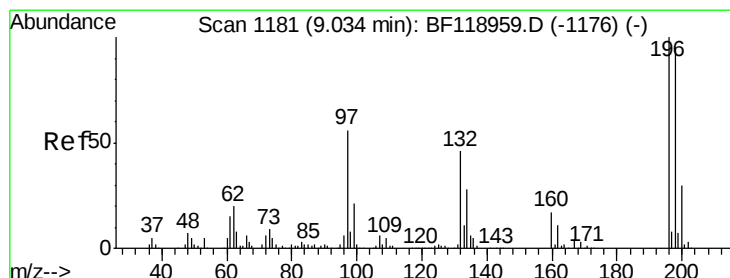
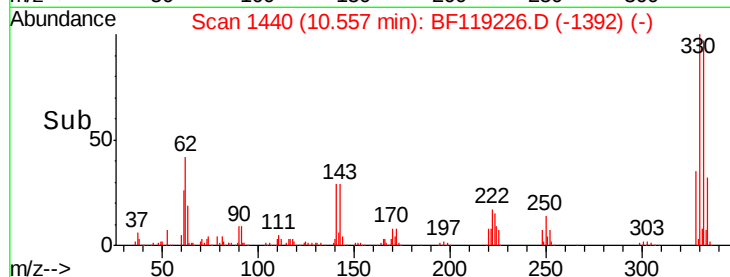
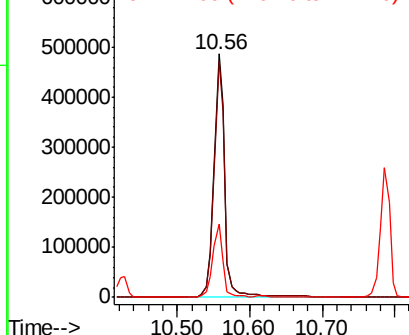
330 100

332 96.4 76.0 114.0

141 28.4 22.9 34.3



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: 43.076 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

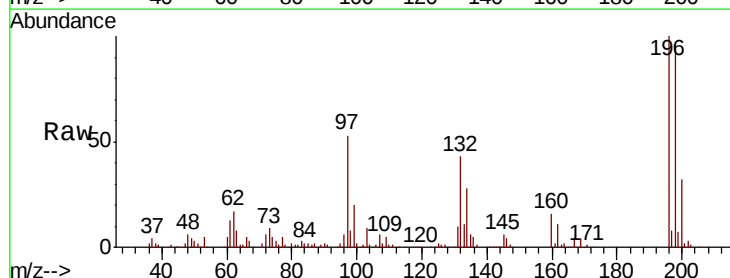
Tgt Ion:196 Resp: 276877

Ion Ratio Lower Upper

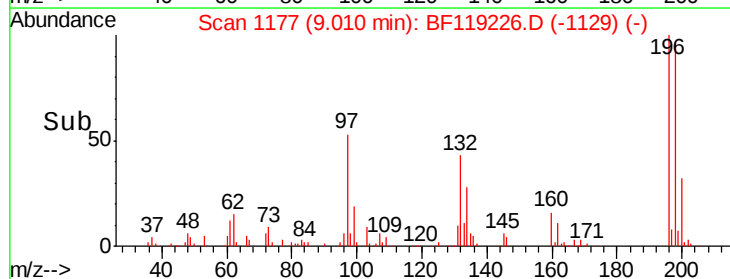
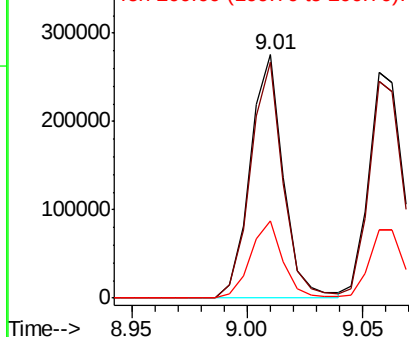
196 100

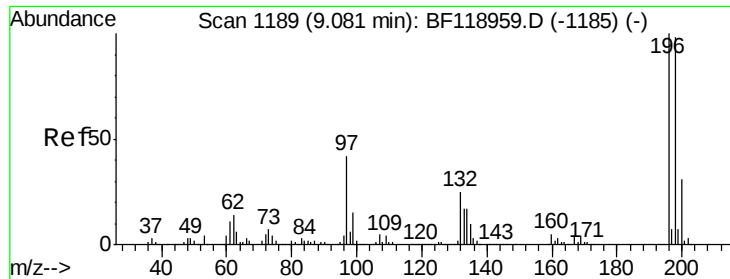
198 96.7 77.1 115.7

200 31.7 25.0 37.6



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

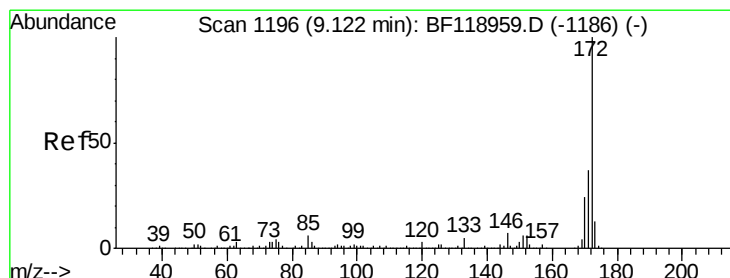
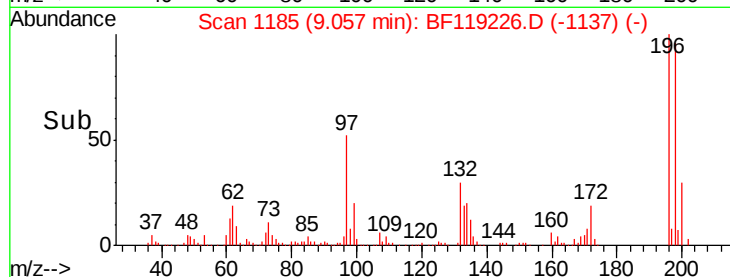
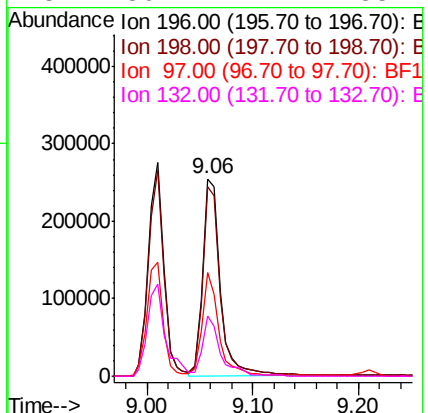
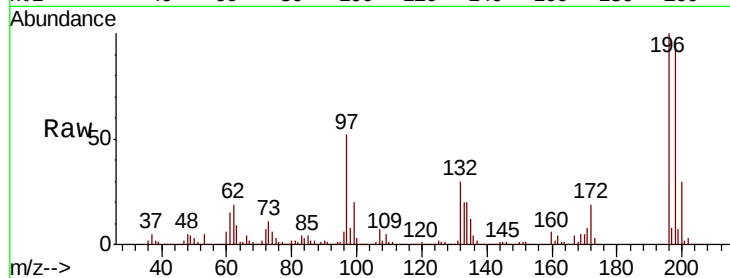




#44
2,4,5-Trichlorophenol
Concen: 43.670 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

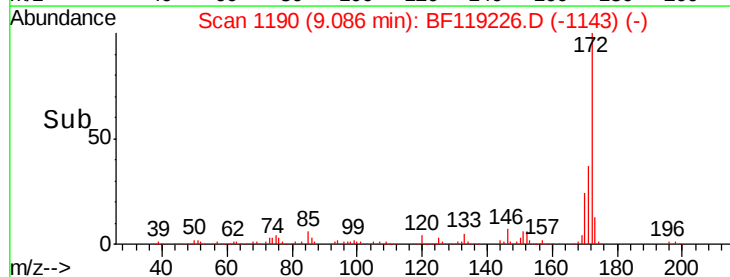
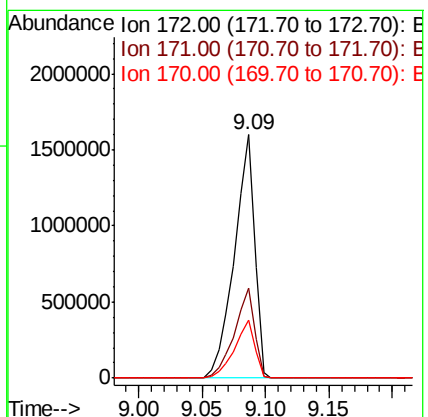
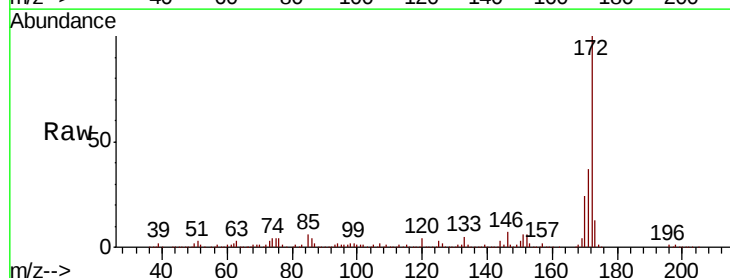
Instrument :
BNA_F
ClientSampled :

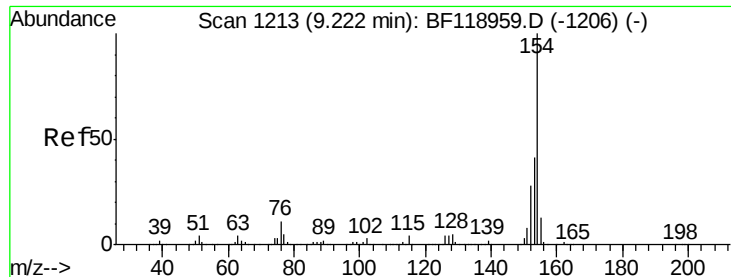
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.8	115.2
97	52.3	38.5	57.7
132	30.2	22.2	33.4



#45
2-Fluorobiphenyl
Concen: 85.587 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.1	20.2	30.2

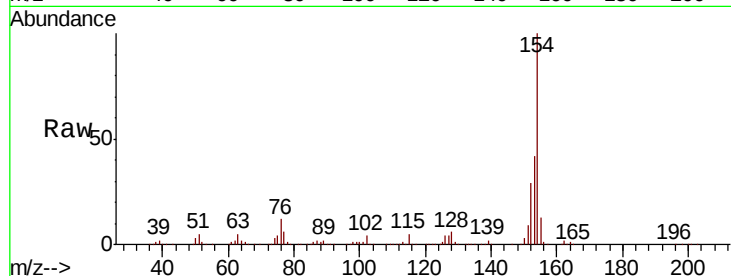




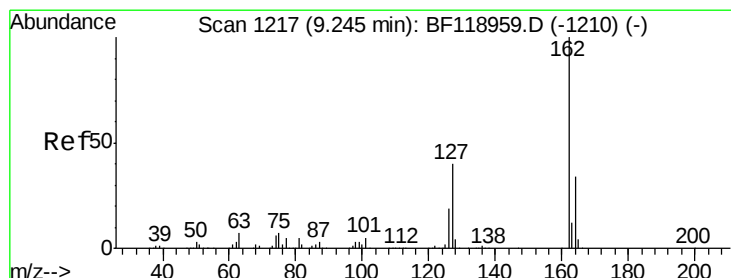
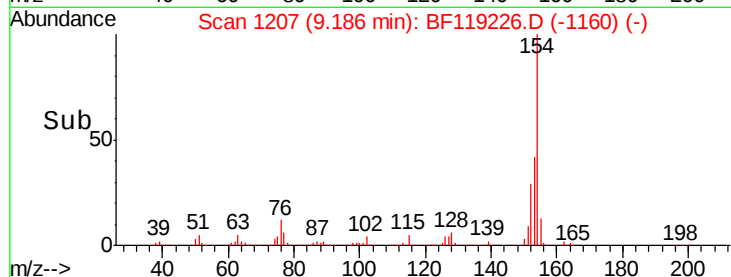
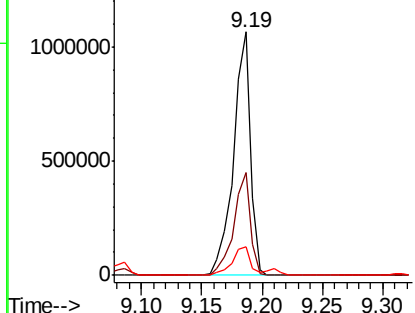
#46
 1,1'-Biphenyl
 Concen: 42.849 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1045461
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.8 62.8
 76 11.7 0.0 32.2

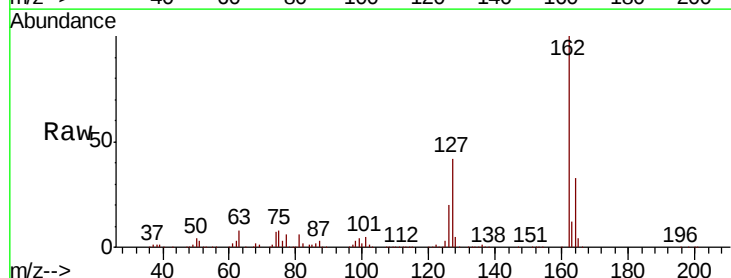


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

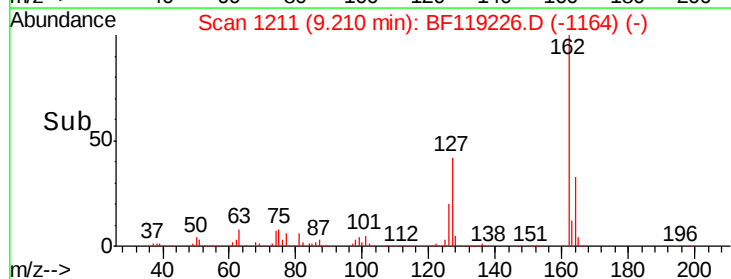
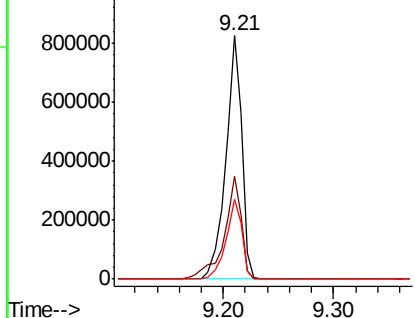


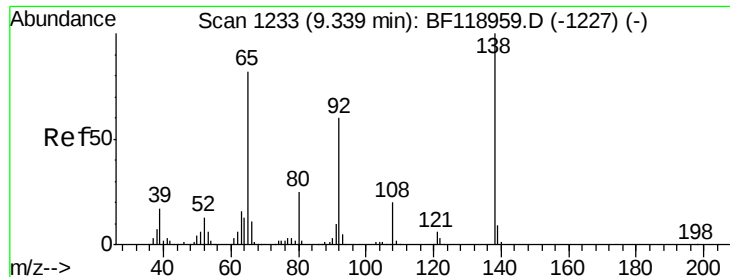
#47
 2-Chloronaphthalene
 Concen: 42.347 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:162 Resp: 832620
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.0 52.4
 164 32.6 27.2 40.8



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

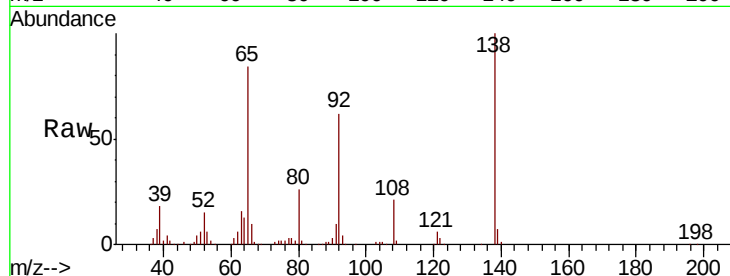




#48
2-Nitroaniline
Concen: 46.299 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	119.7	95.6	143.4

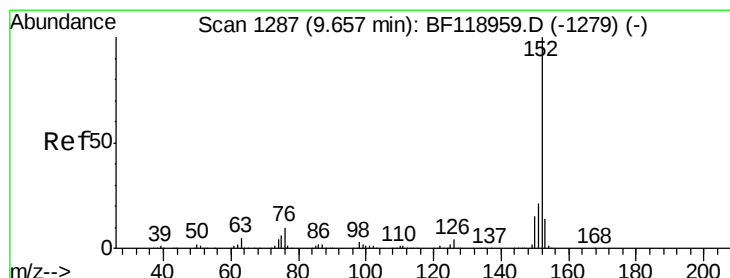
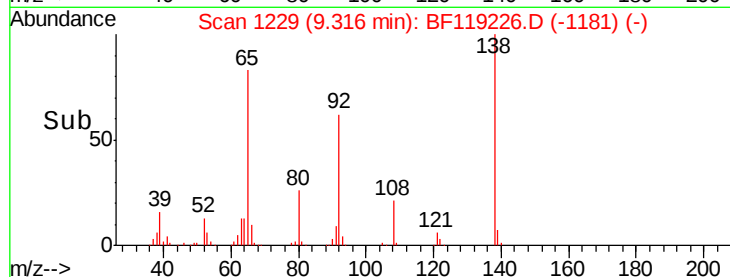
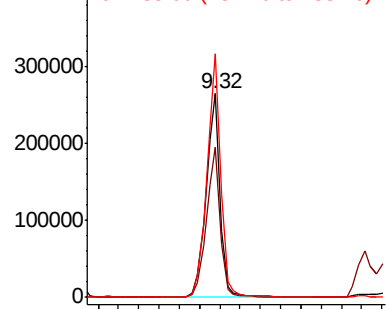


Abundance

Ion 65.00 (64.70 to 65.70): BF1

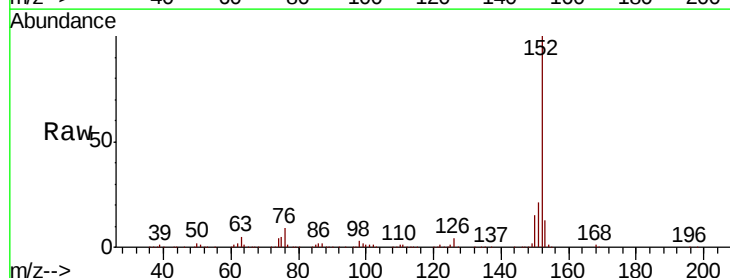
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49
Acenaphthylene
Concen: 45.153 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.2	11.0	16.6

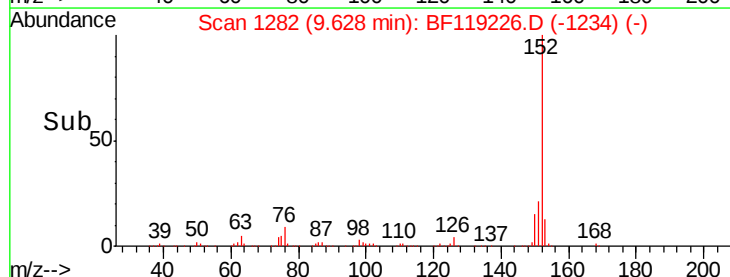
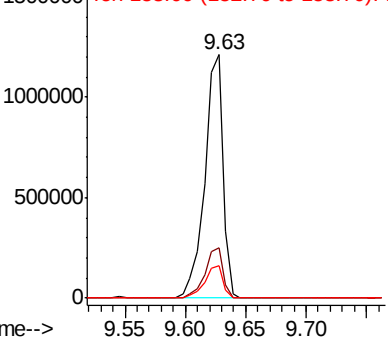


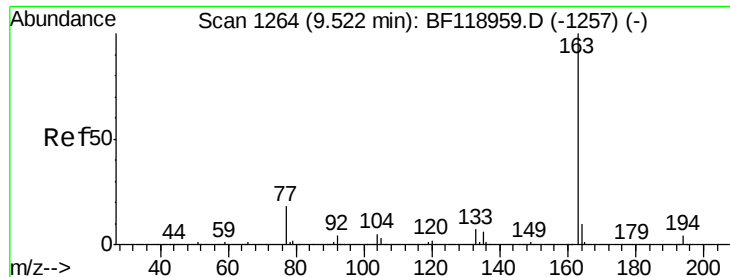
Abundance

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

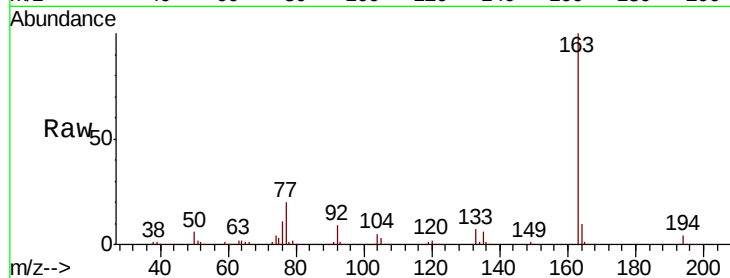




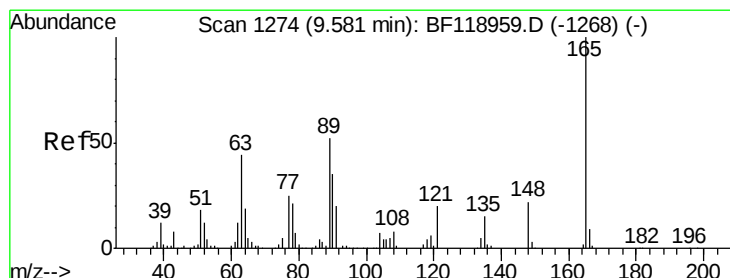
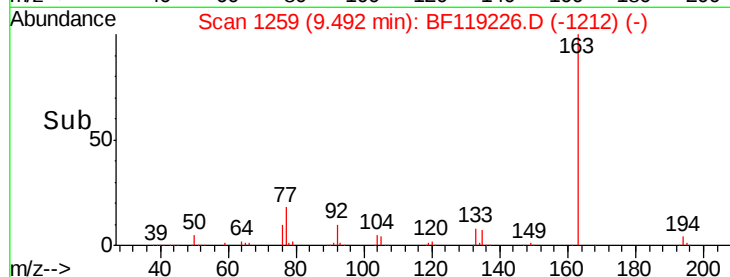
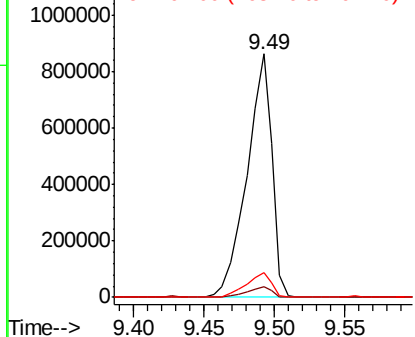
#50
Dimethylphthalate
Concen: 46.287 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1068523
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.4 12.6

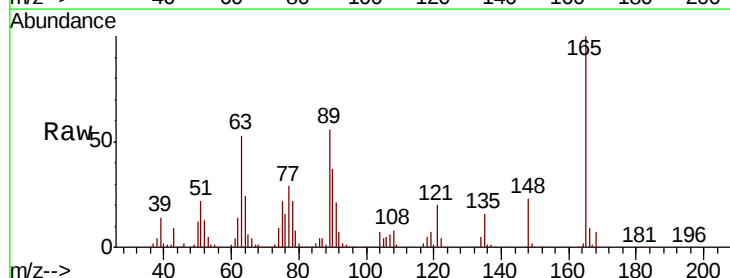


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

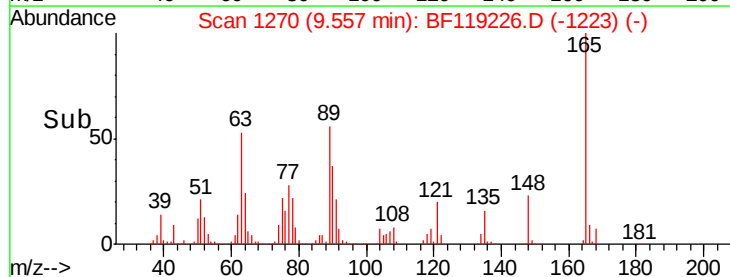
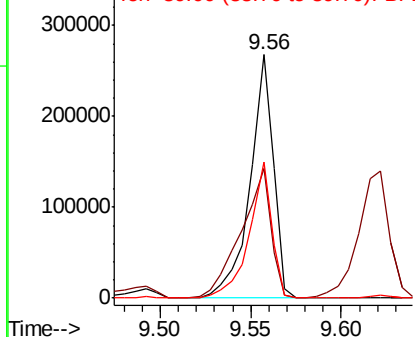


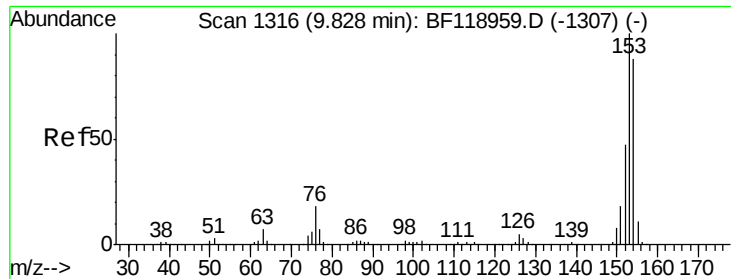
#51
2,6-Dinitrotoluene
Concen: 46.780 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:165 Resp: 239924
Ion Ratio Lower Upper
165 100
63 53.2 34.3 51.5#
89 55.9 38.3 57.5



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





#52

Acenaphthene

Concen: 44.872 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

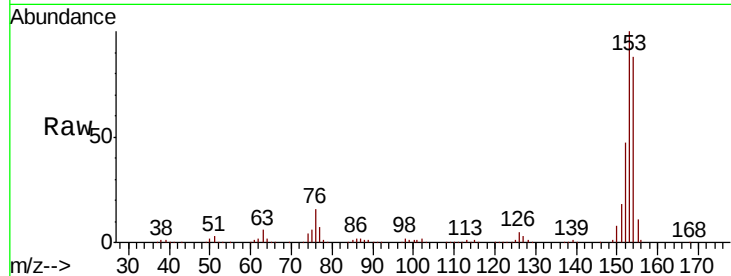
Tot Ion:154 Resp: 768349

Ion Ratio Lower Upper

154 100

153 113.1 90.3 135.5

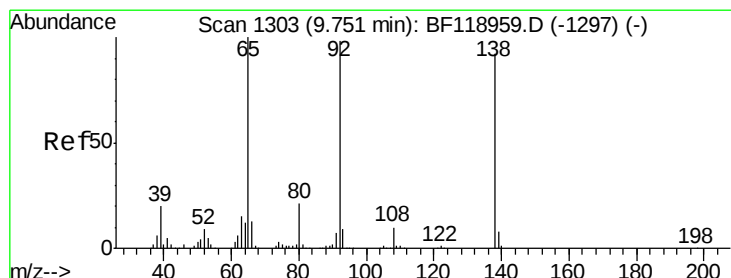
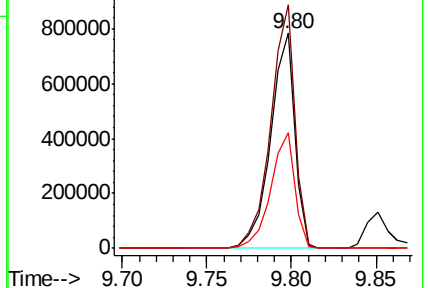
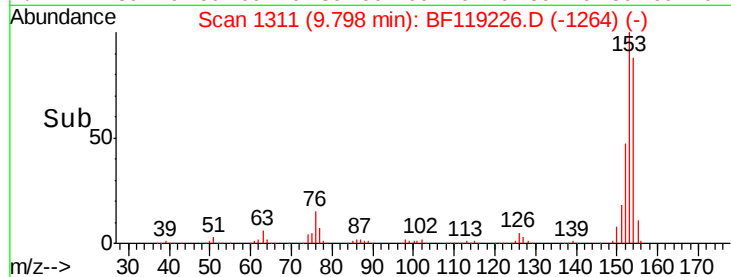
152 53.6 43.8 65.8



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: 22.492 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

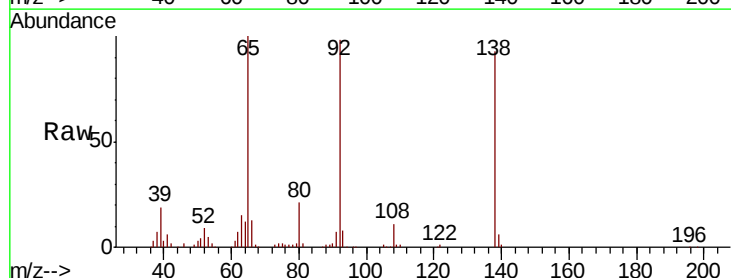
Tgt Ion:138 Resp: 127883

Ion Ratio Lower Upper

138 100

108 11.5 8.8 13.2

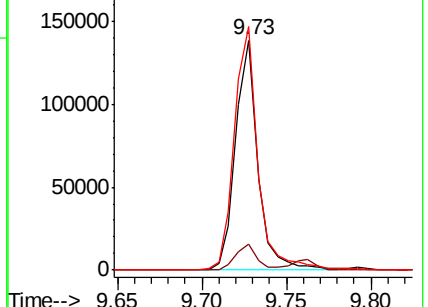
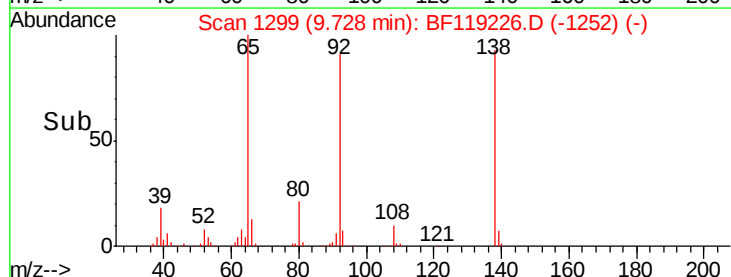
92 105.9 84.8 127.2

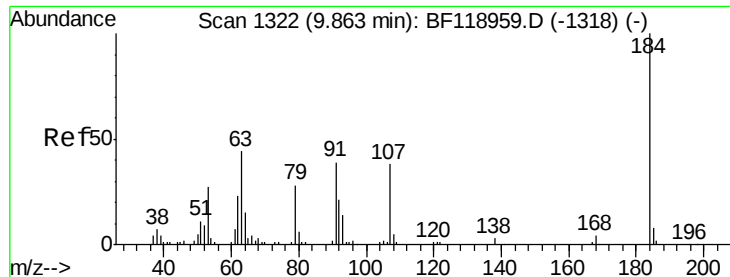


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 88.376 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampled :

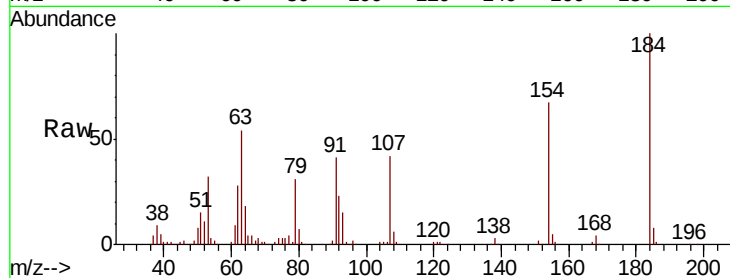
Tot Ion:184 Resp: 222445

Ion Ratio Lower Upper

184 100

63 54.1 38.7 58.1

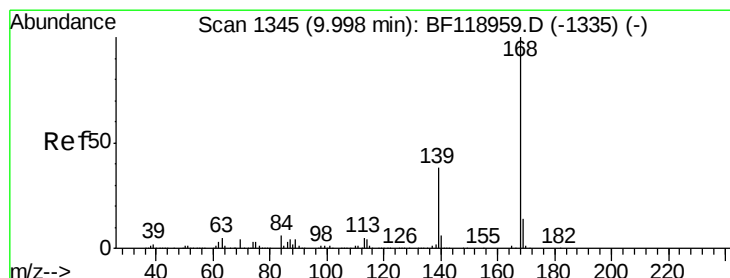
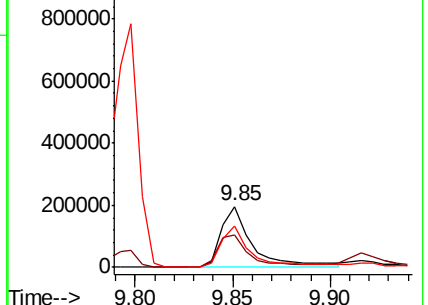
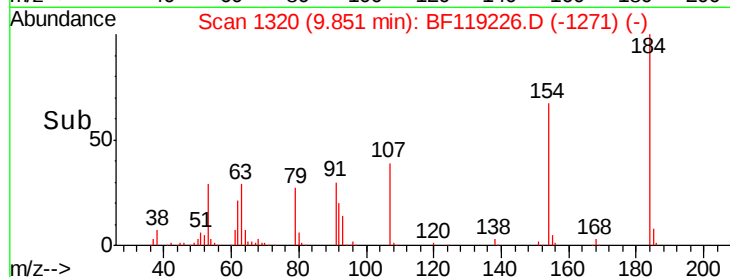
154 67.0 49.7 74.5



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: 44.985 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

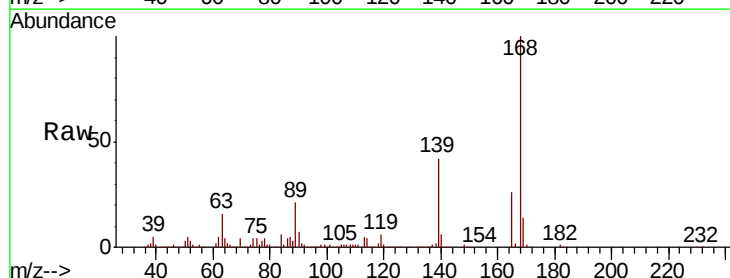
Tgt Ion:168 Resp: 1149721

Ion Ratio Lower Upper

168 100

139 42.1 34.0 51.0

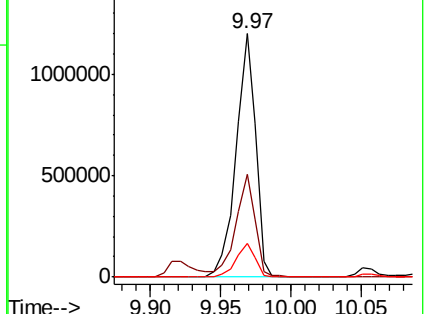
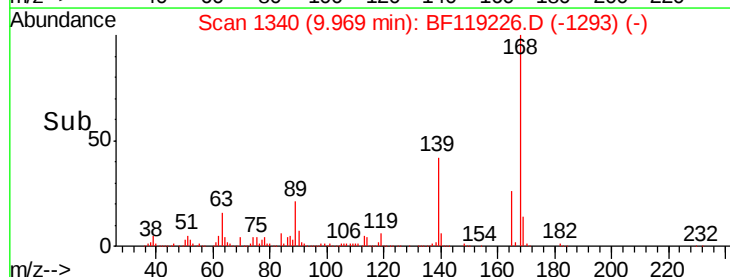
169 13.6 11.0 16.4

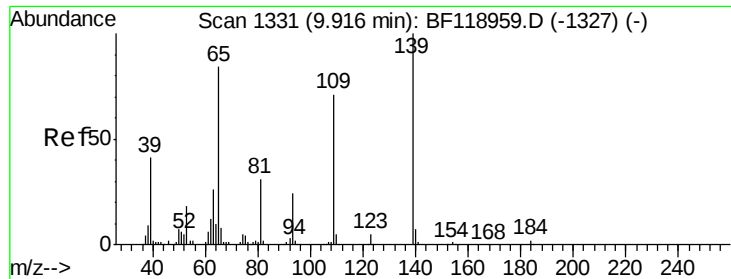


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

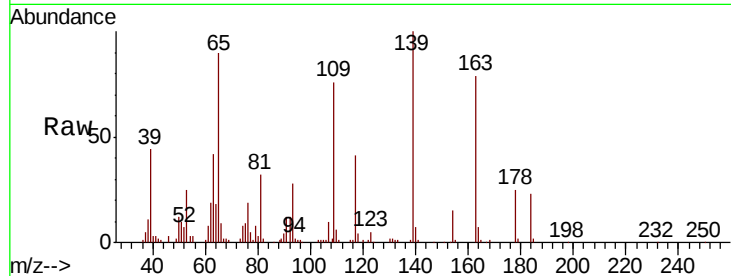




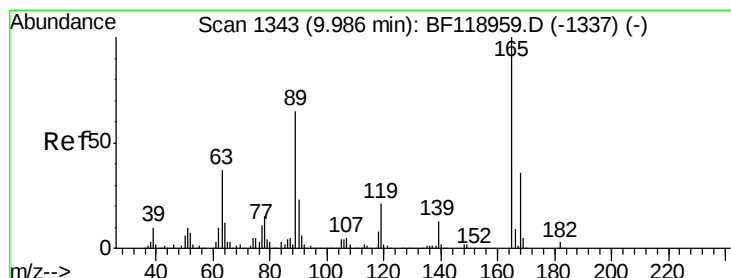
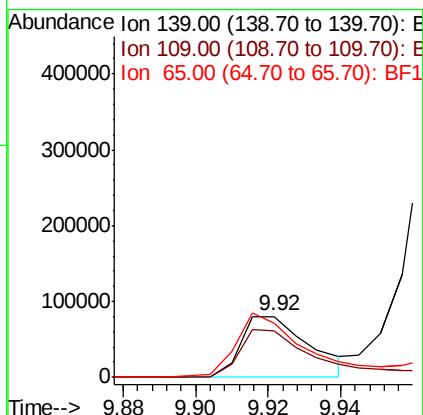
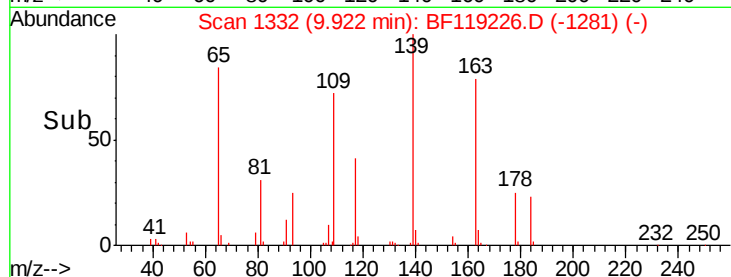
#56
4-Nitrophenol
Concen: 30.615 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 104587
Ion Ratio Lower Upper
139 100
109 75.6 56.7 96.7
65 89.7 65.0 105.0

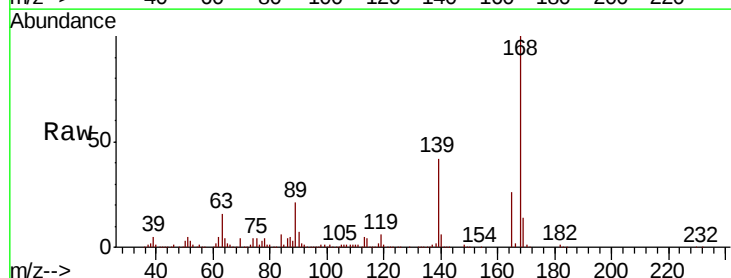


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

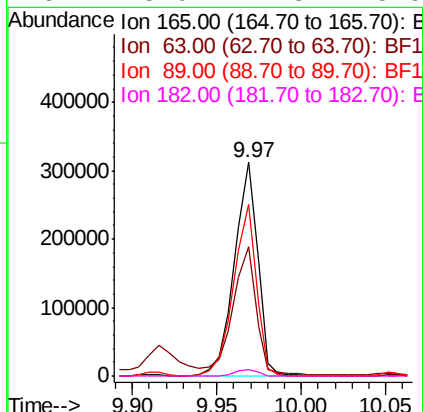
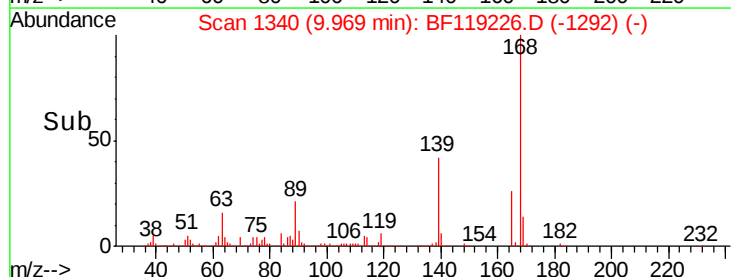


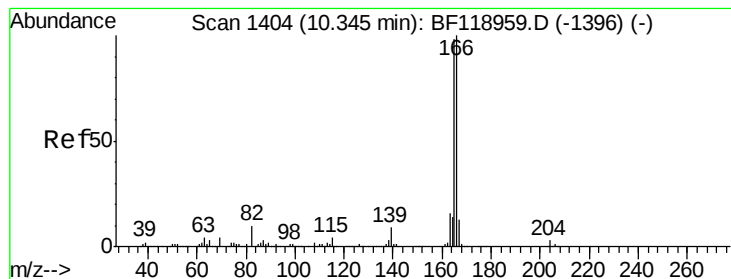
#57
2,4-Dinitrotoluene
Concen: 45.326 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:165 Resp: 301321
Ion Ratio Lower Upper
165 100
63 60.6 42.3 63.5
89 80.1 60.2 90.4
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: 47.622 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

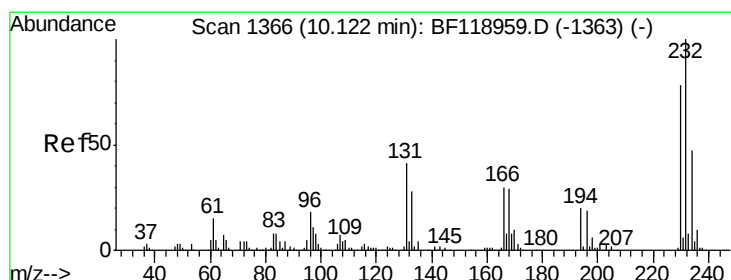
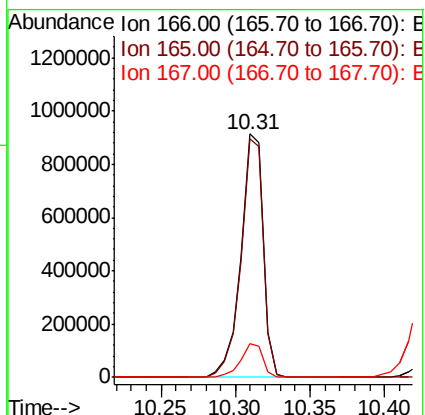
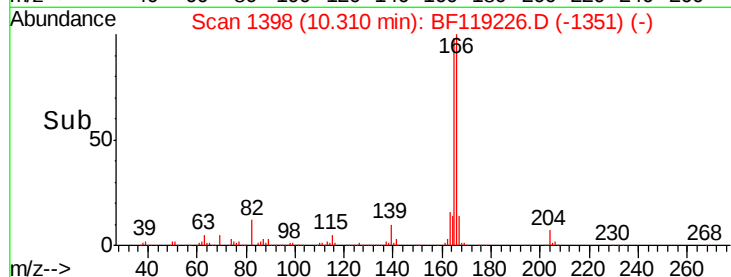
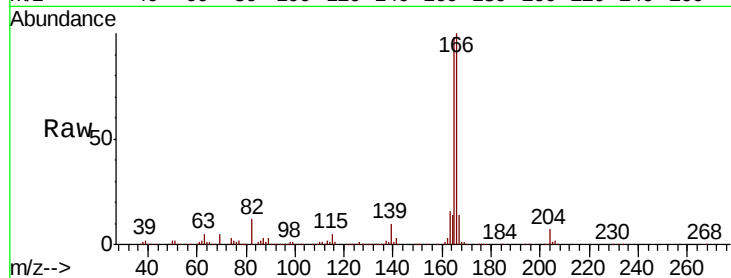
Tot Ion:166 Resp: 945766

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

167 13.6 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 44.140 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:232 Resp: 251211

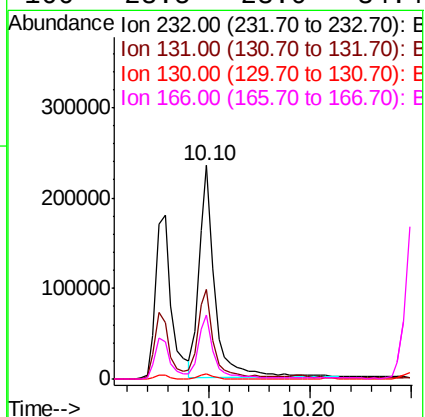
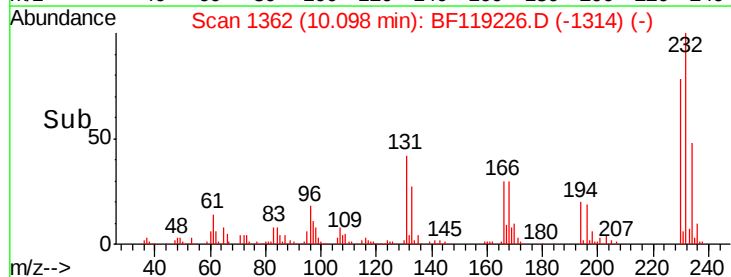
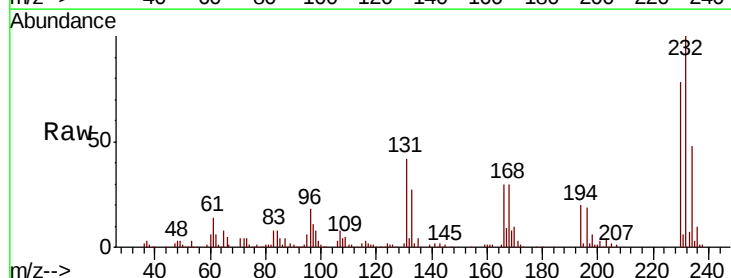
Ion Ratio Lower Upper

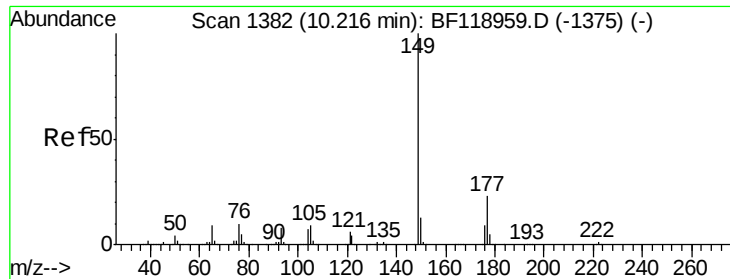
232 100

131 43.7 33.8 50.8

130 2.4 1.8 2.6

166 28.5 23.0 34.4

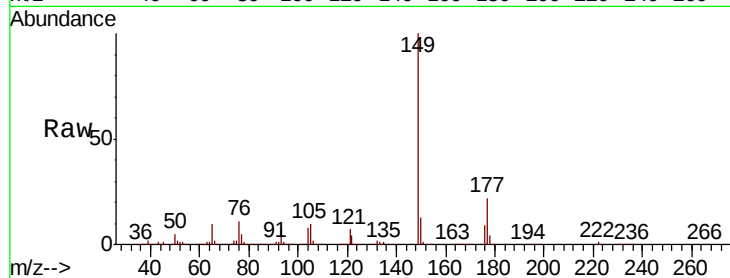




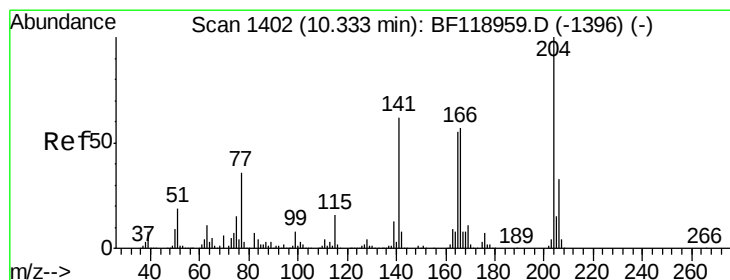
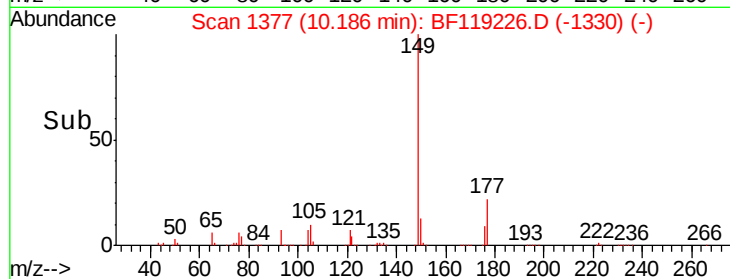
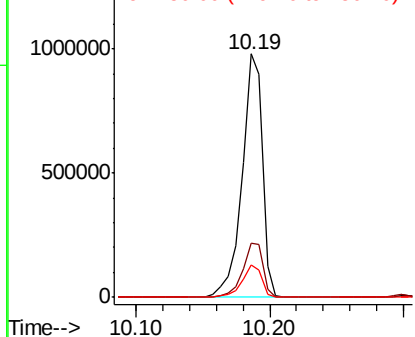
#60
Diethylphthalate
Concen: 47.110 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1024866
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 13.3 10.5 15.7

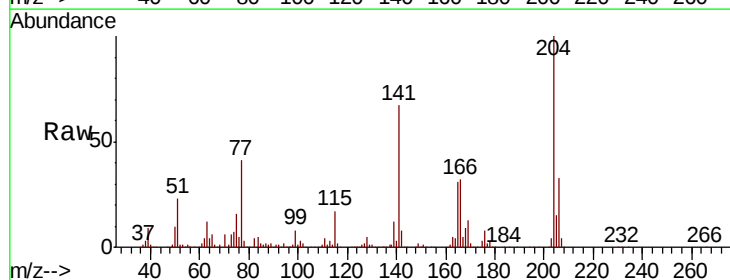


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

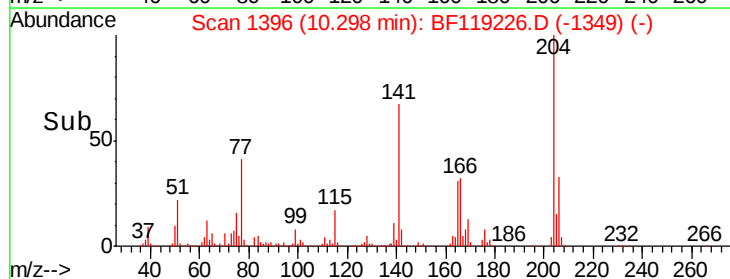
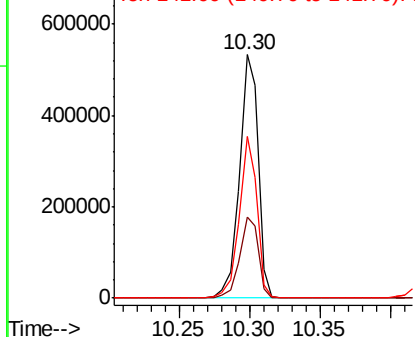


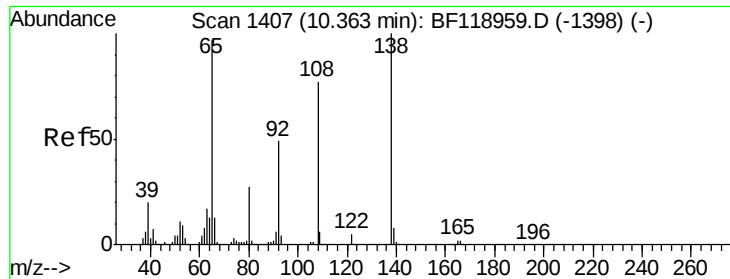
#61
4-Chlorophenyl-phenylether
Concen: 46.356 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:204 Resp: 487304
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 66.6 52.9 79.3



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

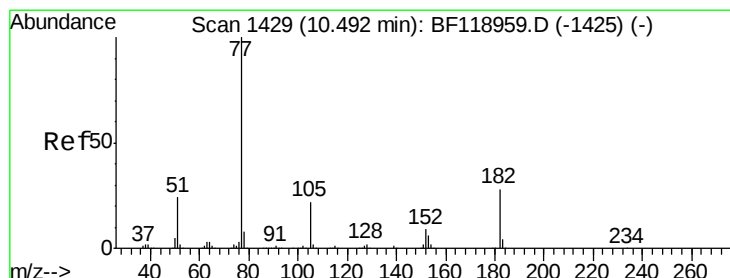
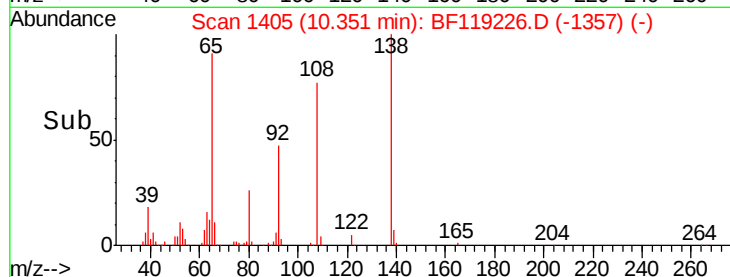
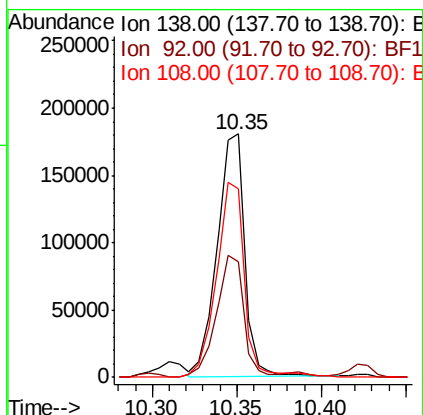
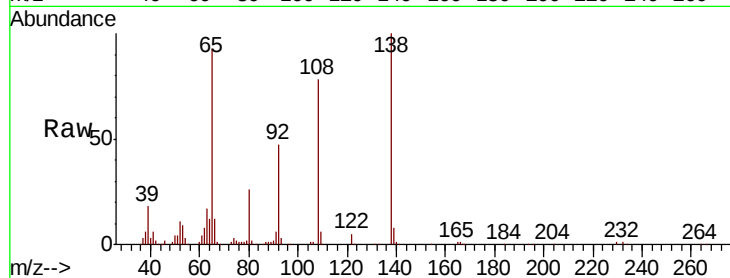




#62
4-Nitroaniline
Concen: 35.214 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

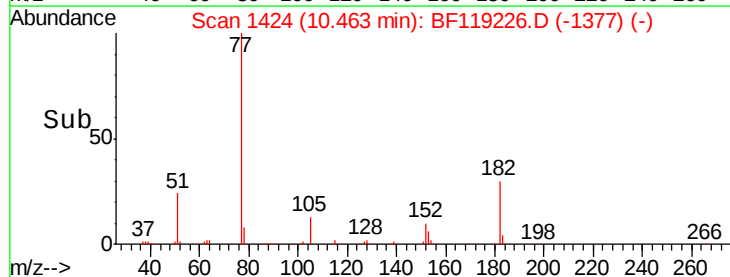
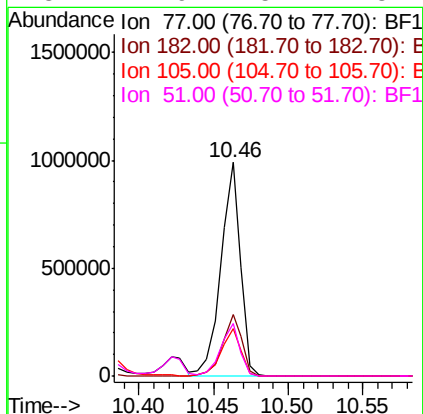
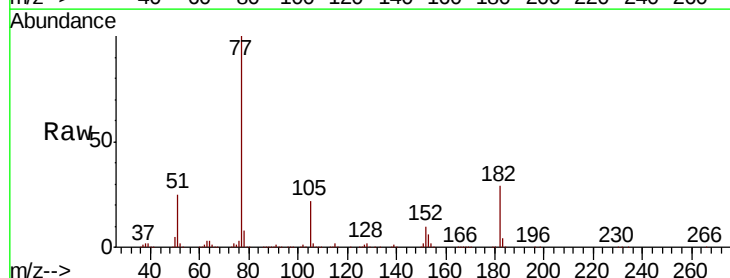
Instrument :
BNA_F
ClientSampled :

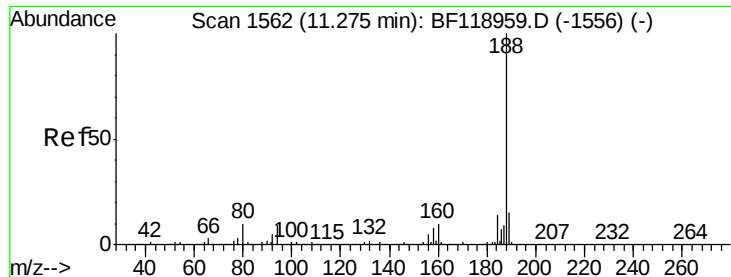
Tot Ion:138 Resp: 204851
Ion Ratio Lower Upper
138 100
92 47.4 27.3 67.3
108 77.7 57.0 97.0



#63
Azobenzene
Concen: 48.316 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion: 77 Resp: 913631
Ion Ratio Lower Upper
77 100
182 29.0 11.4 51.4
105 22.5 3.4 43.4
51 24.9 5.1 45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

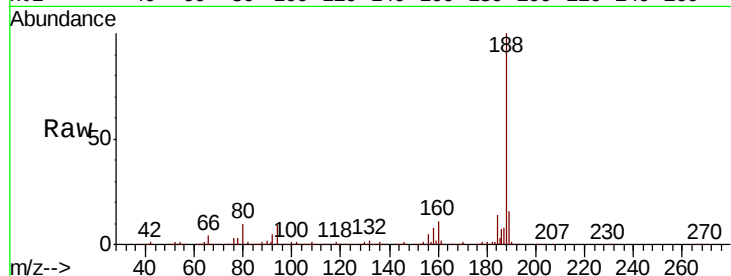
Tot Ion:188 Resp: 567361

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

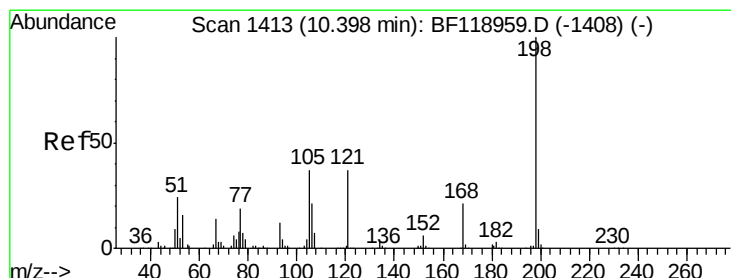
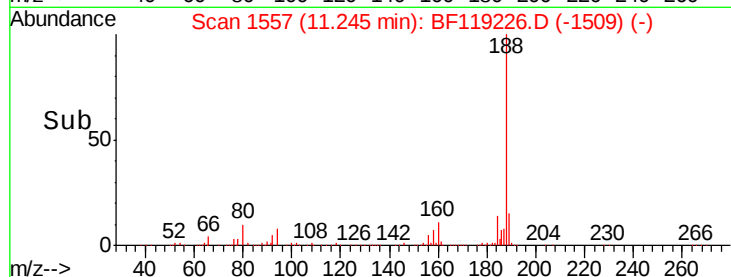
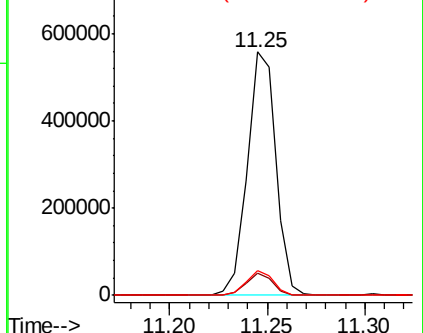
80 10.0 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 52.275 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

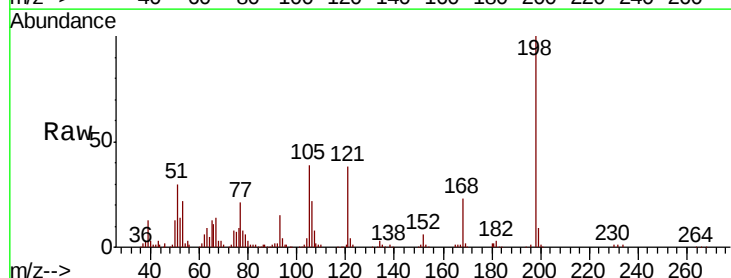
Tgt Ion:198 Resp: 179469

Ion Ratio Lower Upper

198 100

51 29.8 14.2 54.2

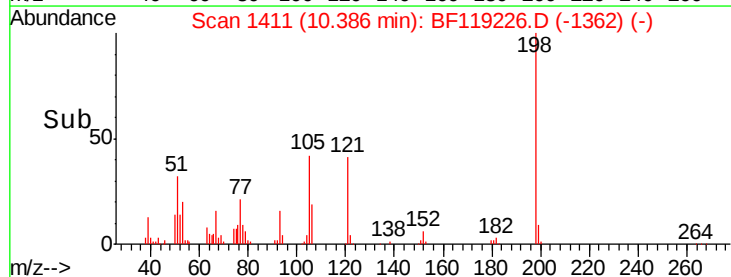
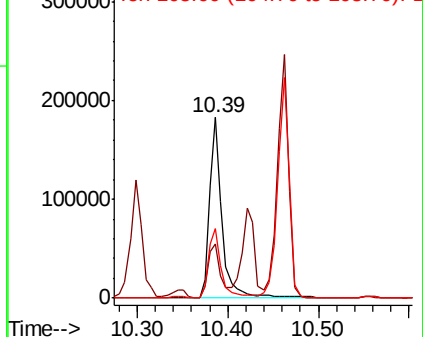
105 38.7 22.7 62.7

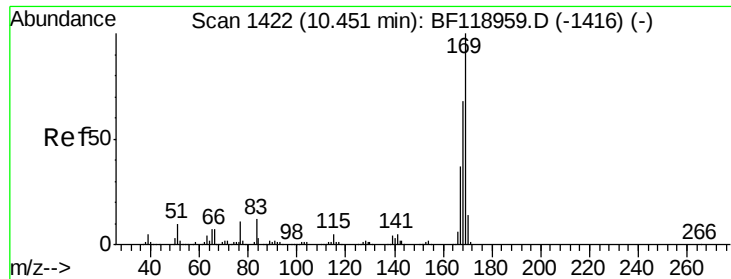


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

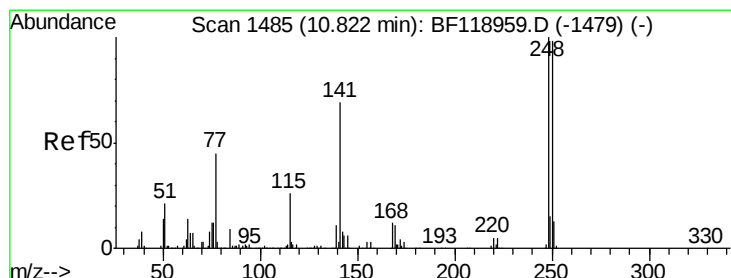
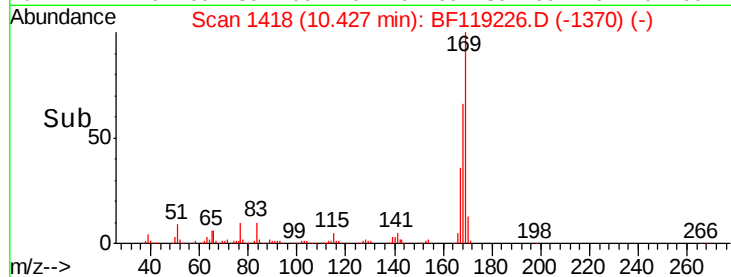
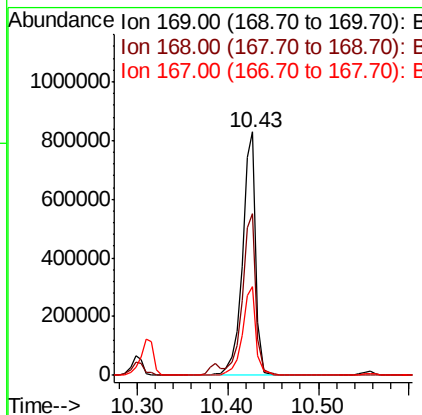
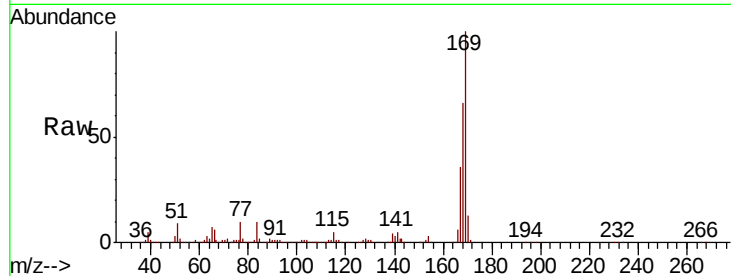




#66
n-Nitrosodiphenylamine
Concen: 45.667 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

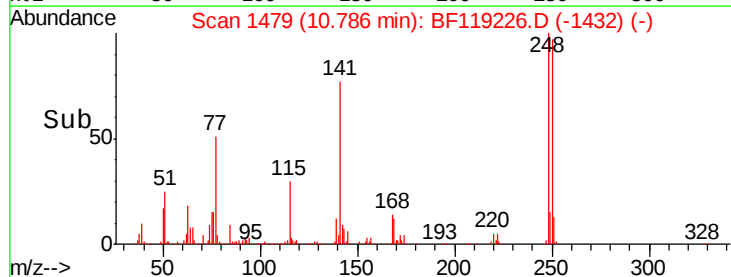
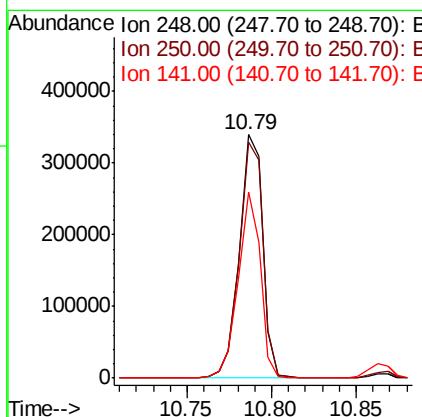
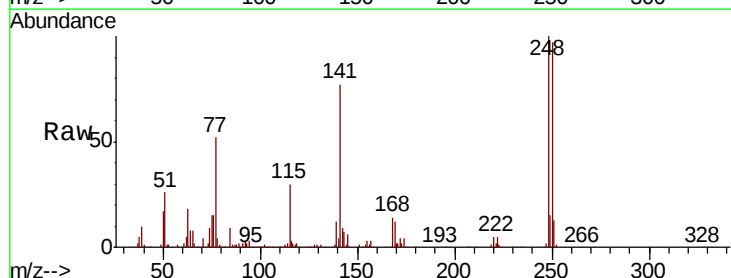
Instrument :
BNA_F
ClientSampleId :

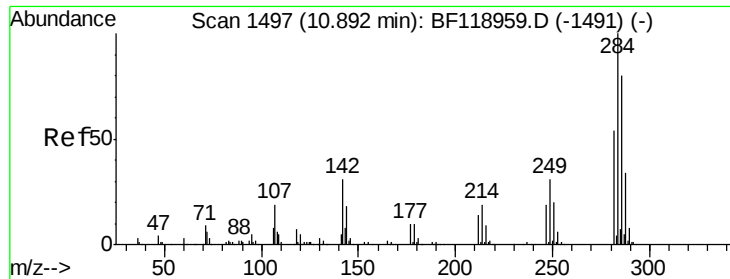
Tot Ion:169 Resp: 848380
Ion Ratio Lower Upper
169 100
168 66.4 54.1 81.1
167 36.3 29.4 44.0



#67
4-Bromophenyl-phenylether
Concen: 44.332 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:248 Resp: 328773
Ion Ratio Lower Upper
248 100
250 97.0 76.7 115.1
141 76.6 60.7 91.1

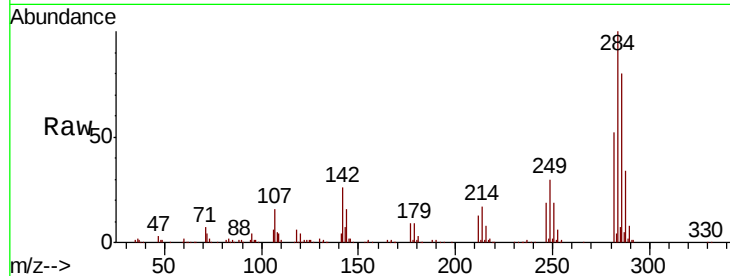




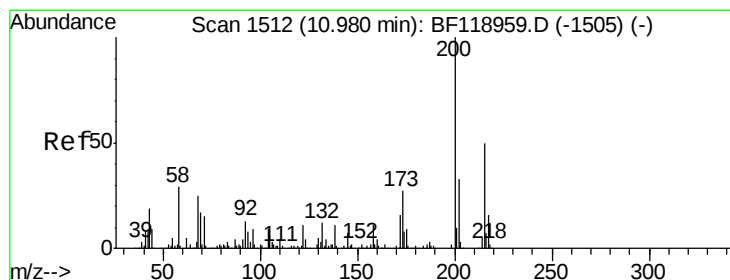
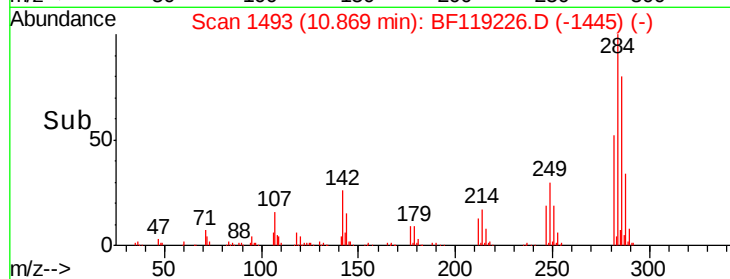
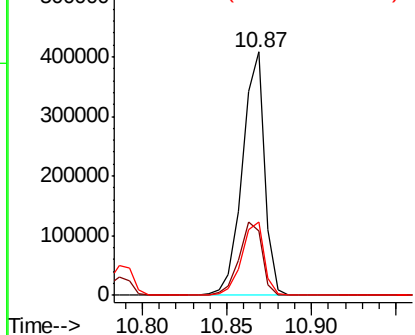
#68
Hexachlorobenzene
Concen: 43.701 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 373660
Ion Ratio Lower Upper
284 100
142 26.4 23.7 35.5
249 30.0 25.0 37.6

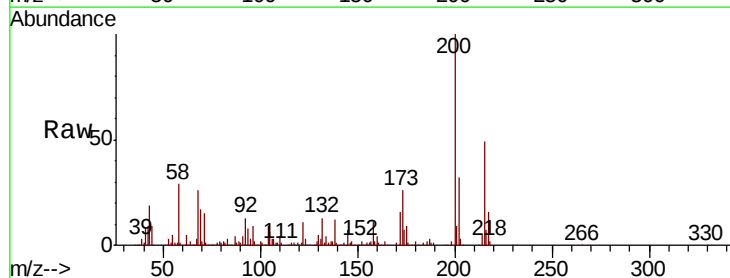


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

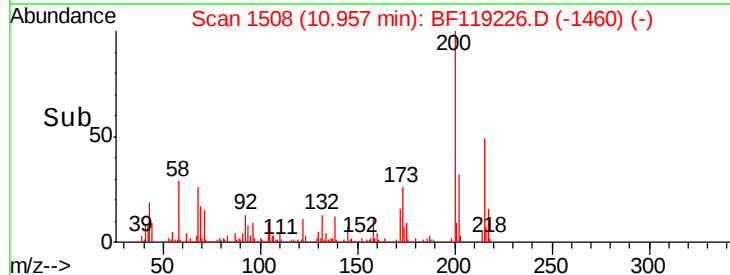
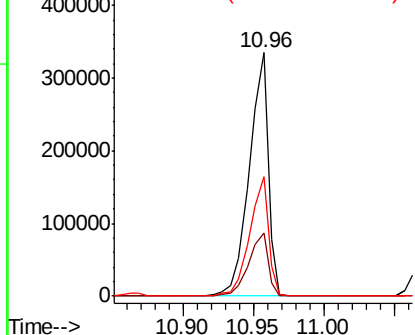


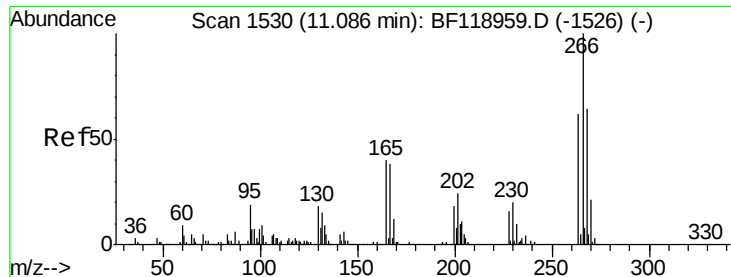
#69
Atrazine
Concen: 48.856 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:200 Resp: 317111
Ion Ratio Lower Upper
200 100
173 26.1 6.4 46.4
215 48.9 27.4 67.4



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

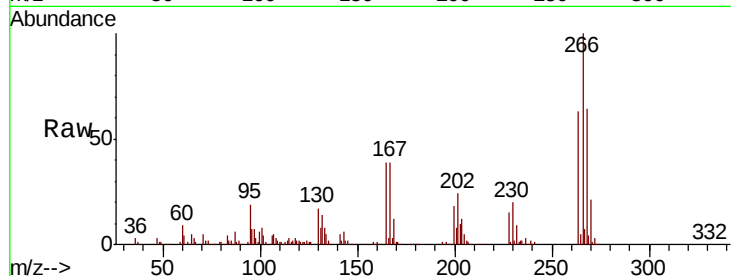




#70
 Pentachlorophenol
 Concen: 76.515 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.9	77.9
264	63.1	51.0	76.4

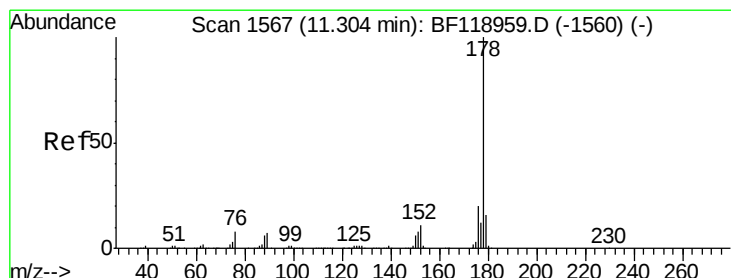
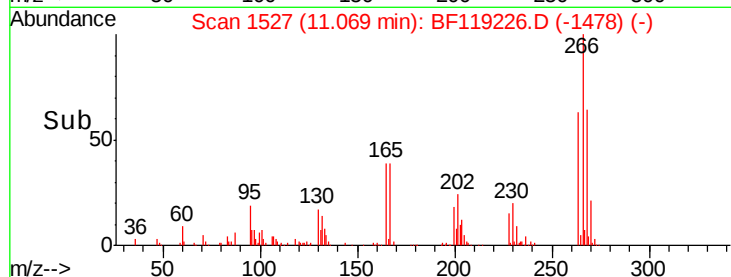
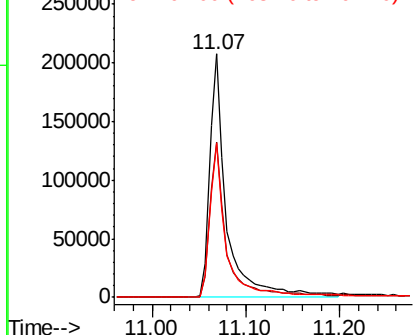


Abundance

Ion 265.70 (265.40 to 266.40): E

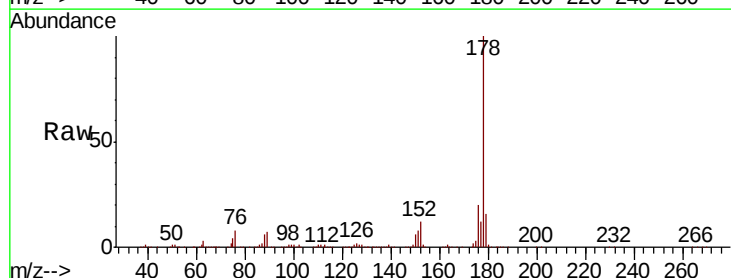
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 45.663 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.7	13.0	19.6

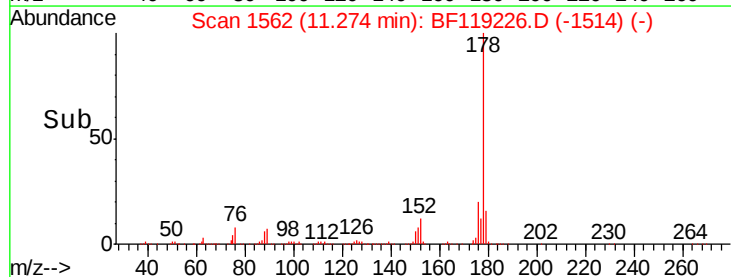
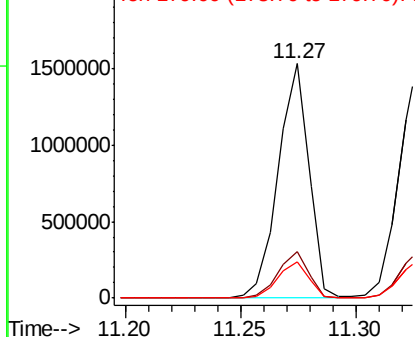


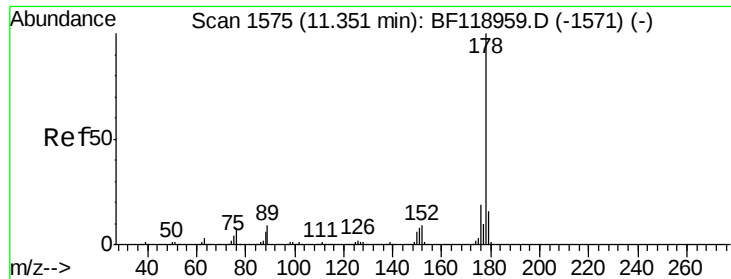
Abundance

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: 46.619 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

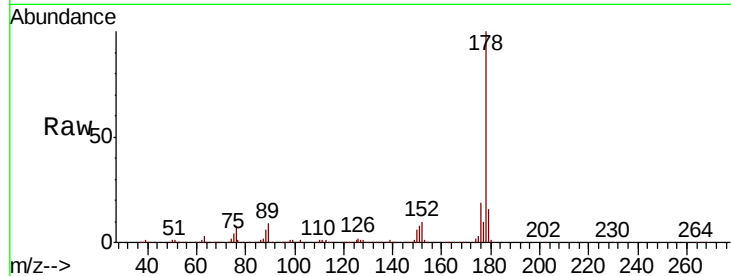
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1441251

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.1	13.1	19.7



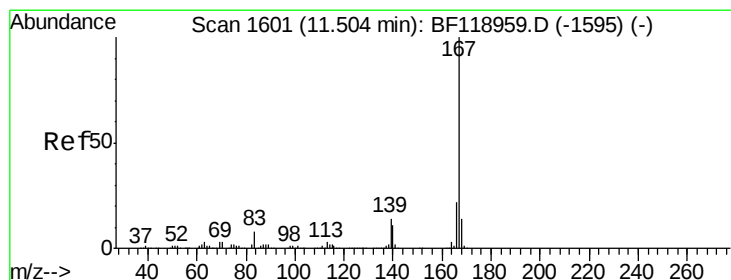
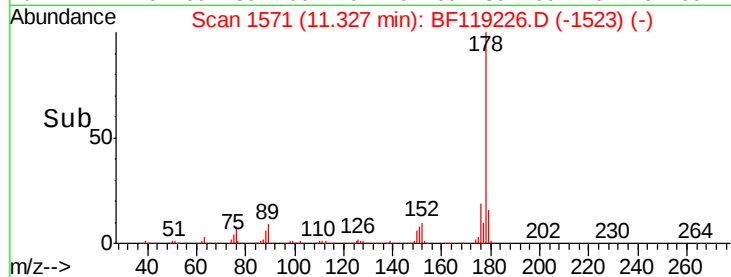
Abundance

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

Time-->



#73

Carbazole

Concen: 46.977 ng

RT: 11.49 min Scan# 1598

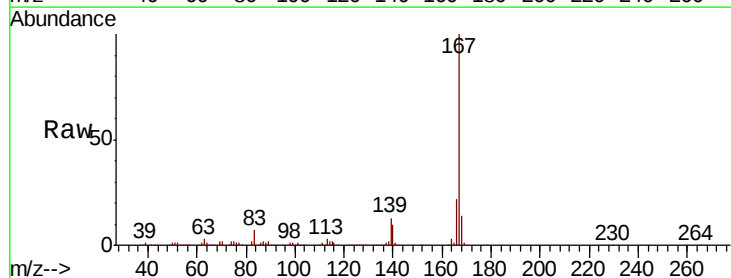
Delta R.T. -0.01 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:167 Resp: 1293828

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.2	11.7	17.5



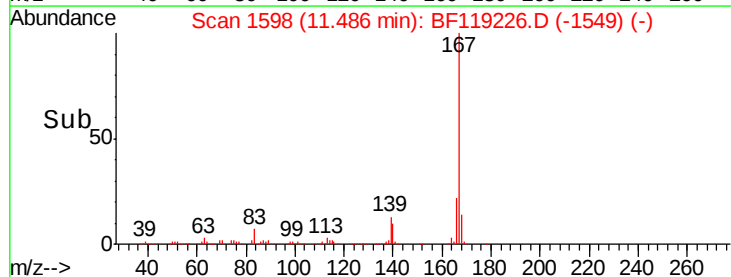
Abundance

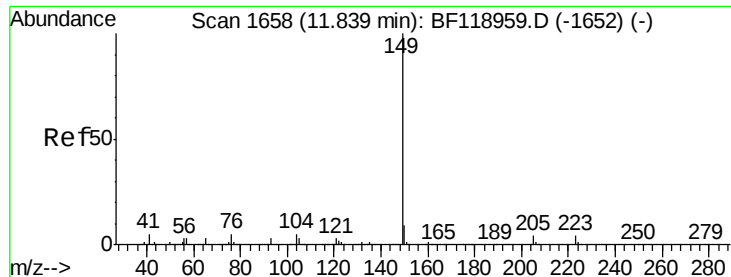
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#74

Di-n-butylphthalate

Concen: 46.924 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

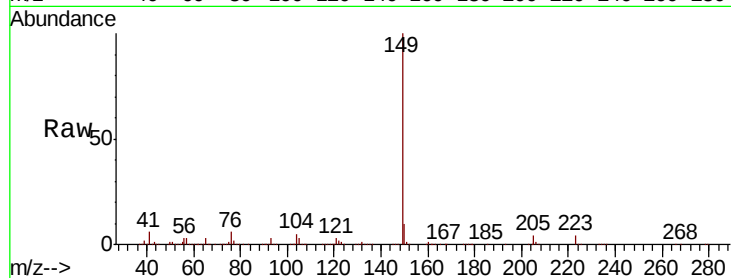
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1565076

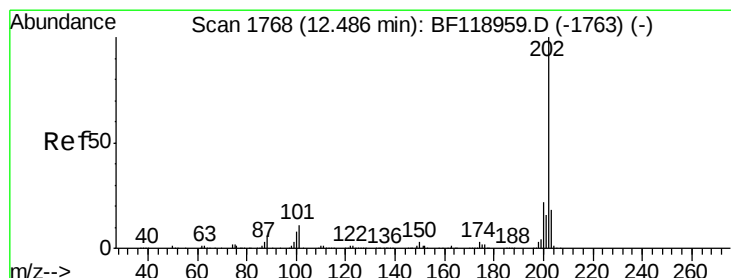
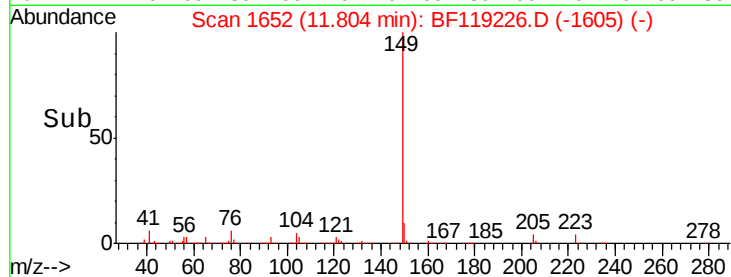
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.5	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 45.658 ng

RT: 12.46 min Scan# 1764

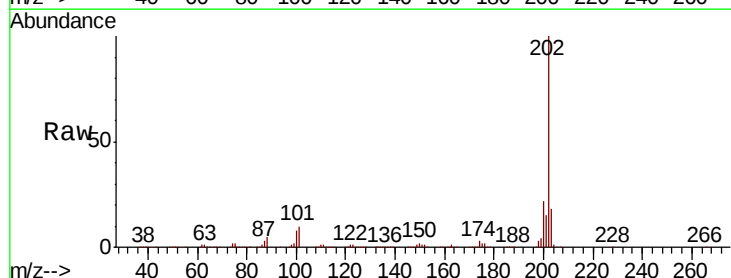
Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:202 Resp: 1499566

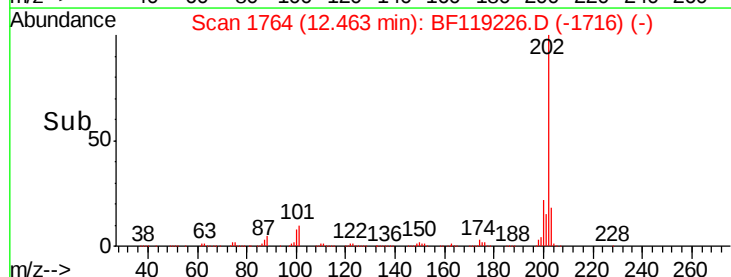
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	18.0	0.0	38.4

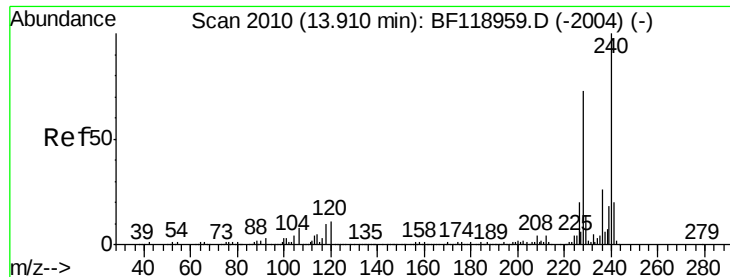


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

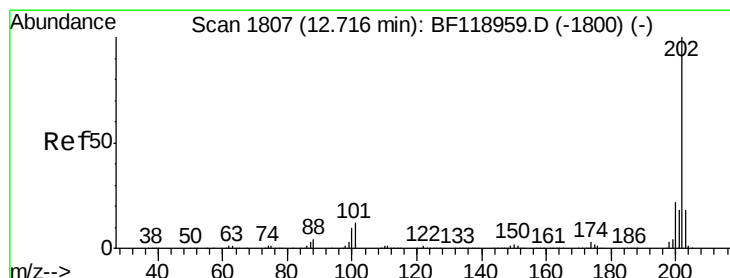
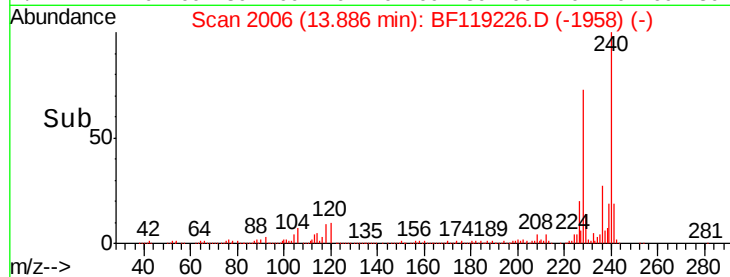
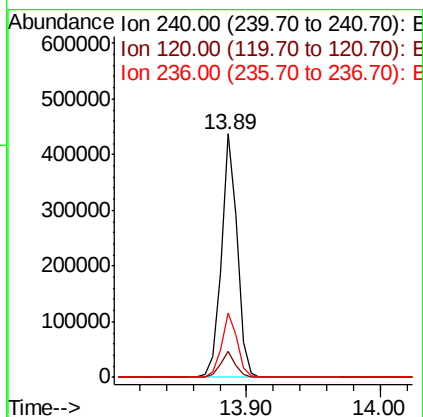
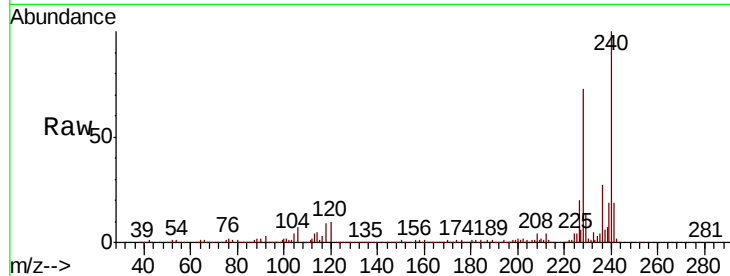




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

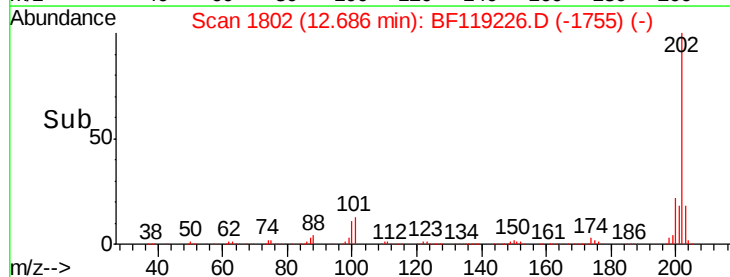
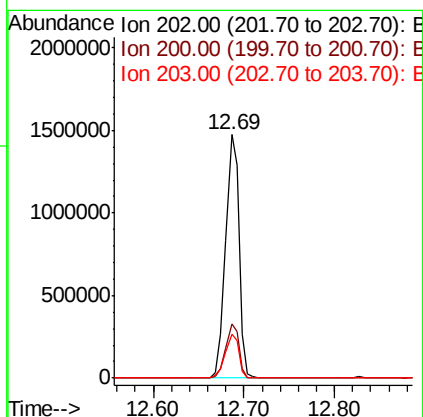
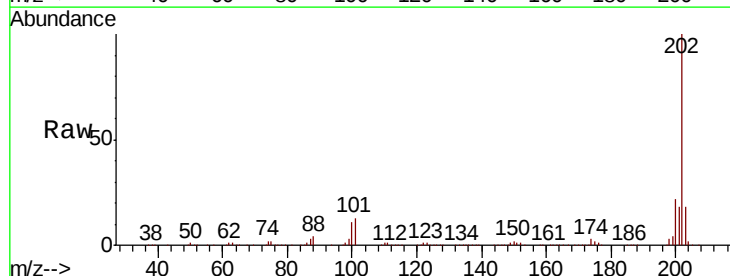
Instrument :
BNA_F
ClientSampled :

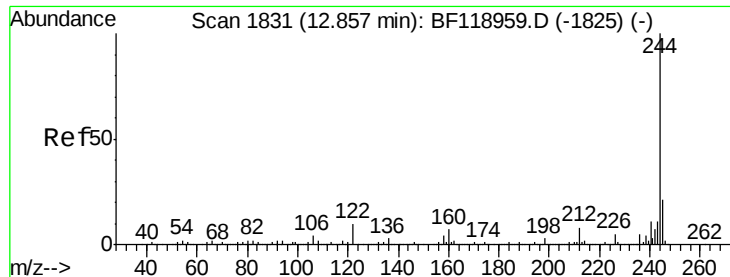
Tot Ion:240 Resp: 366225
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.6 21.0 31.4



#78
Pyrene
Concen: 50.820 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:202 Resp: 1494495
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 18.3 14.6 22.0

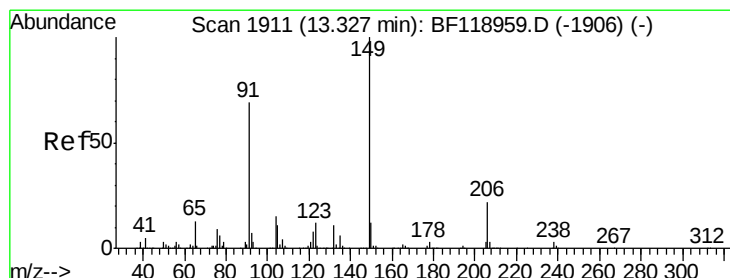
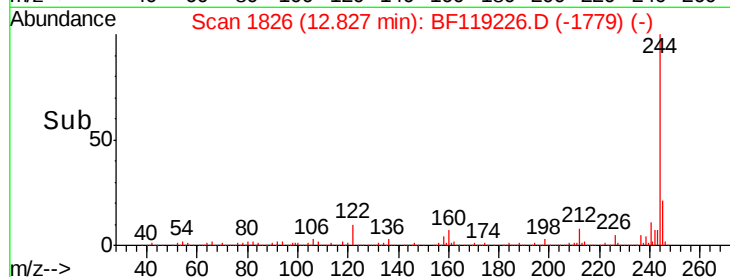
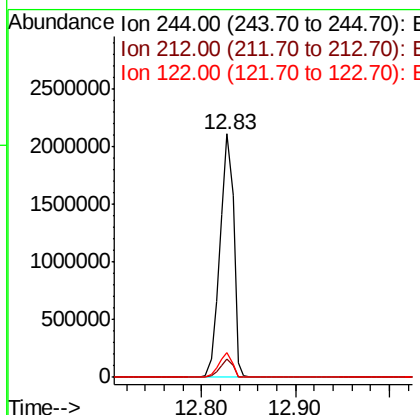
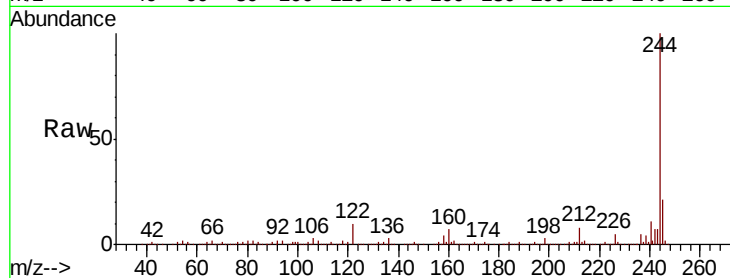




#79
 Terphenyl-d14
 Concen: 101.721 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

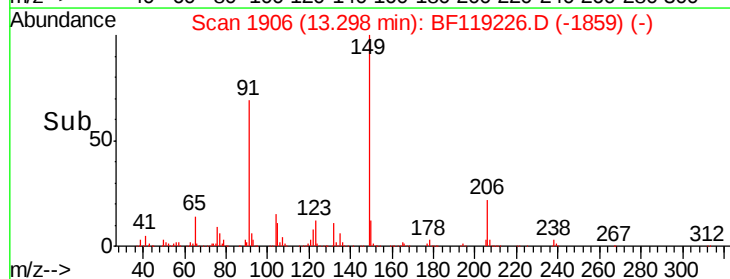
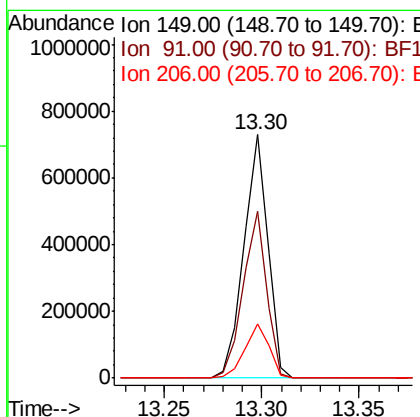
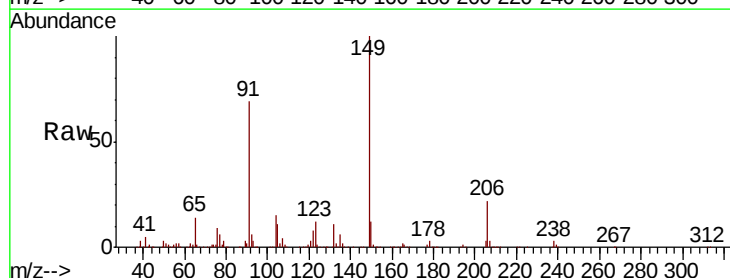
Instrument :
 BNA_F
 ClientSampled :

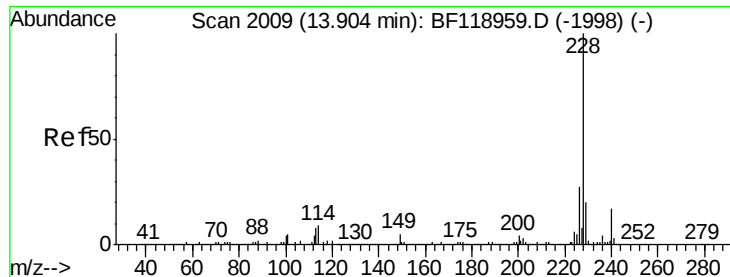
Tot Ion:244 Resp: 2163763
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.338 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:149 Resp: 623018
 Ion Ratio Lower Upper
 149 100
 91 68.6 52.3 78.5
 206 22.3 18.5 27.7





#81

Benzo(a)anthracene

Concen: 48.002 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

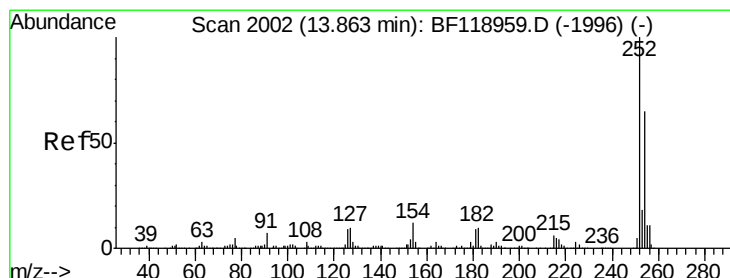
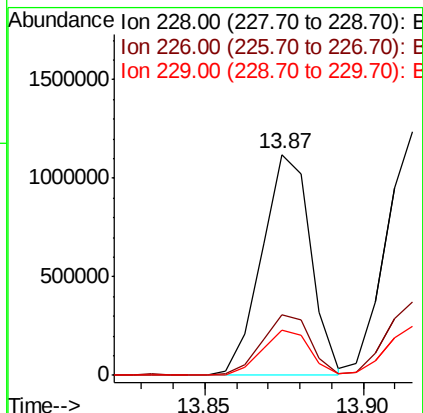
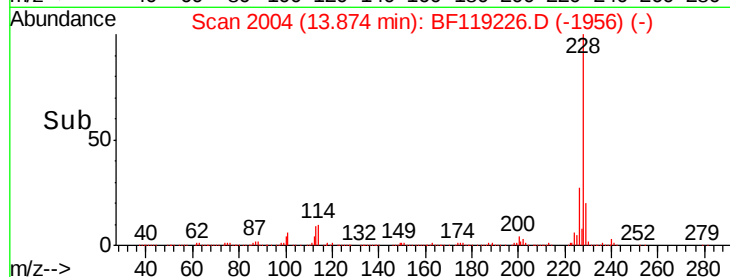
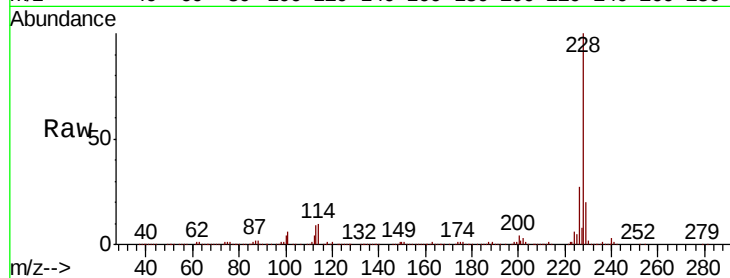
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1197805

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.3	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 26.331 ng

RT: 13.83 min Scan# 1997

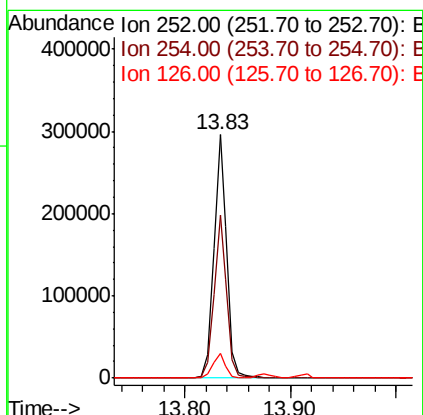
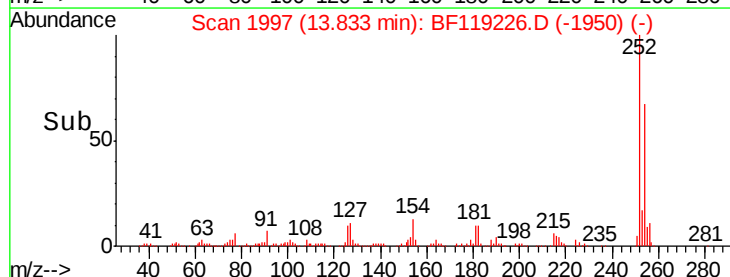
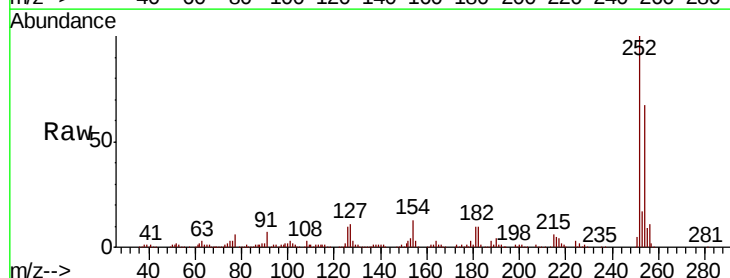
Delta R.T. -0.02 min

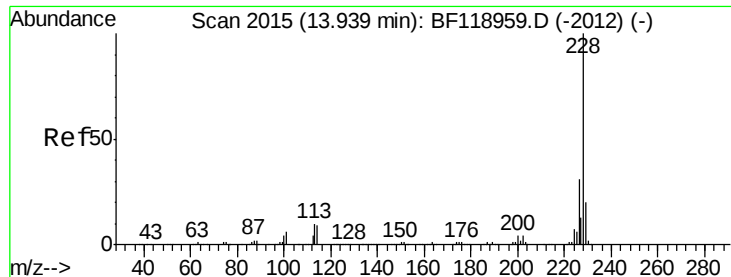
Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Tgt Ion:252 Resp: 255135

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.6	77.4
126	10.1	7.4	11.0

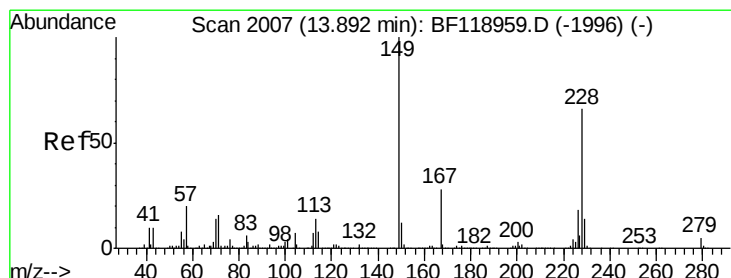
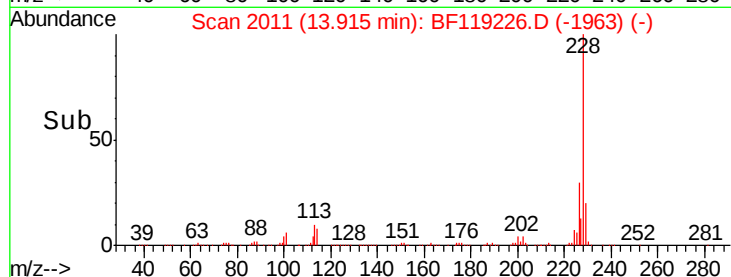
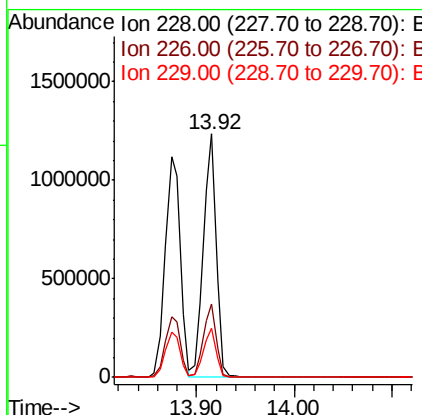
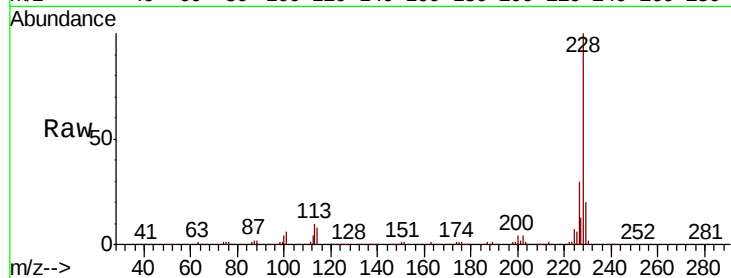




#83
 Chrysene
 Concen: 45.433 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

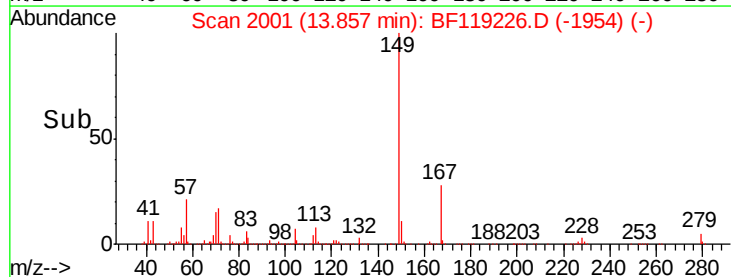
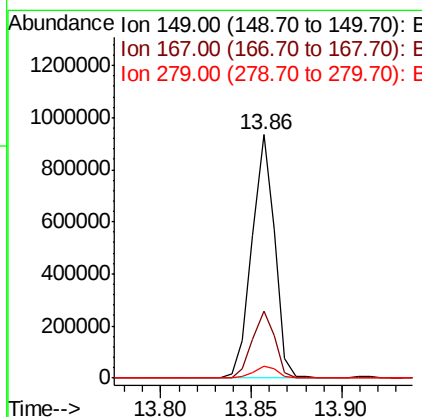
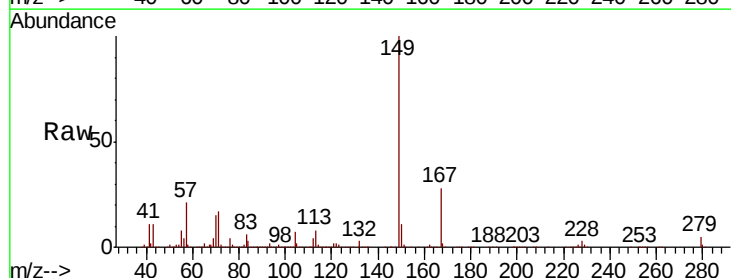
Instrument :
 BNA_F
 ClientSampleId :

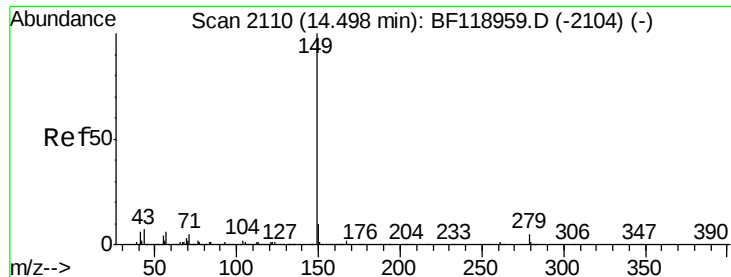
Tot Ion:228 Resp: 1129641
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 19.9 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.058 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119226.D
 Acq: 5 Mar 2020 22:02

Tgt Ion:149 Resp: 813988
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.8 34.2
 279 5.0 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 45.839 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

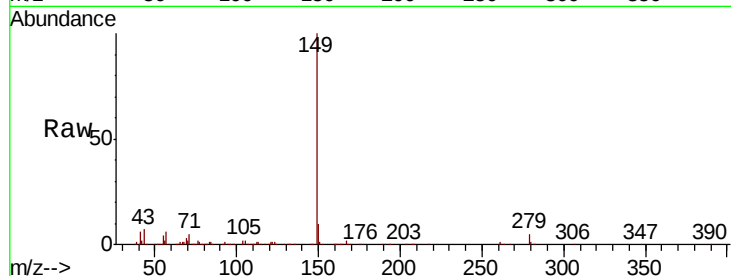
Tot Ion:149 Resp: 1141990

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

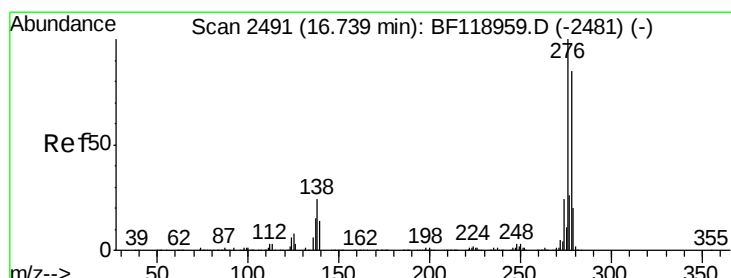
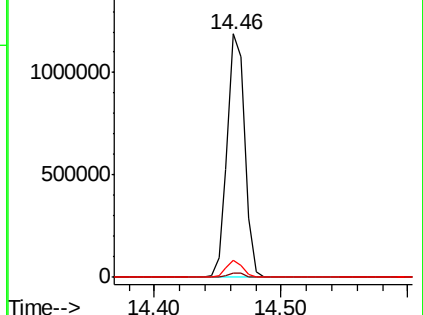
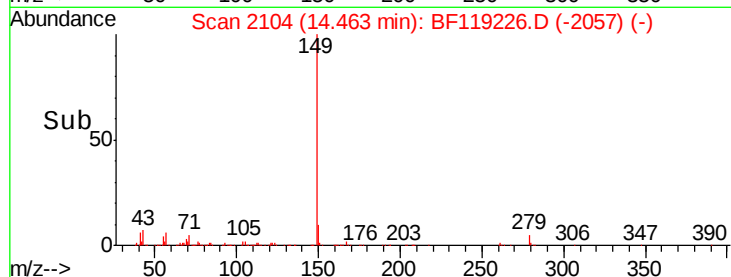
43 6.7 5.7 8.5



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: 40.845 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

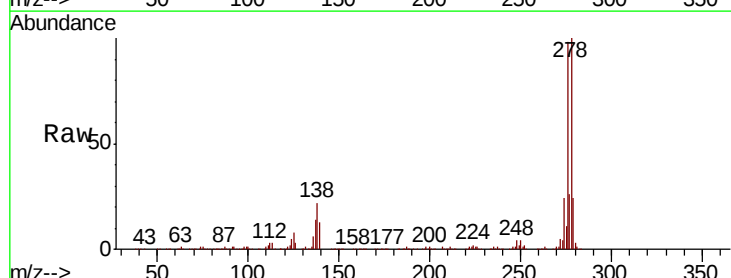
Tgt Ion:276 Resp: 983346

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

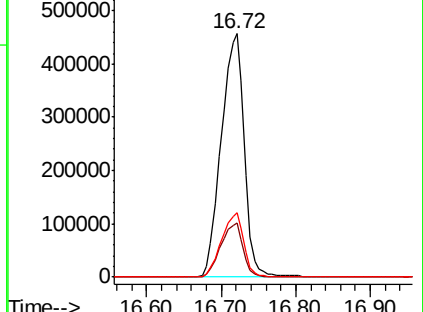
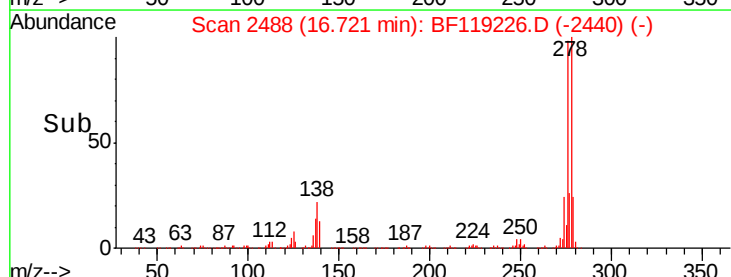
277 25.7 20.3 30.5

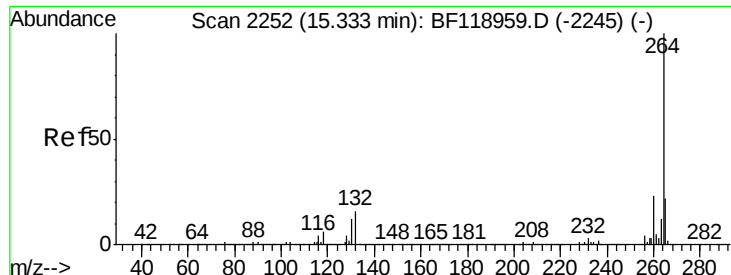


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



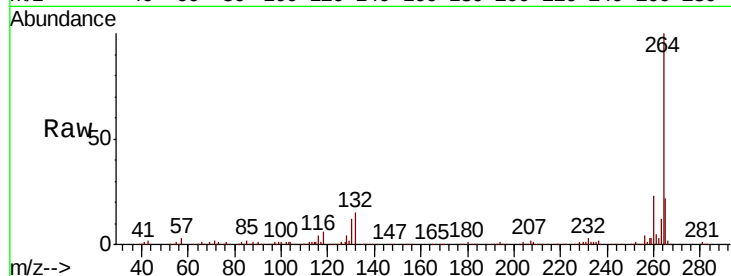


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

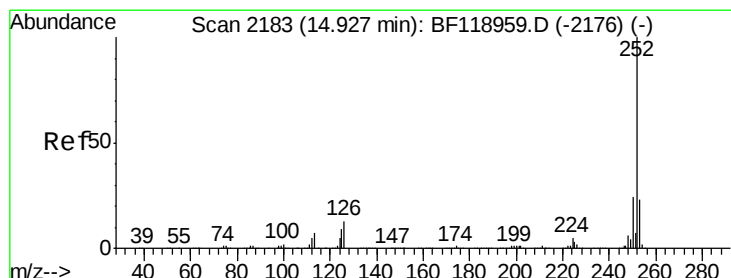
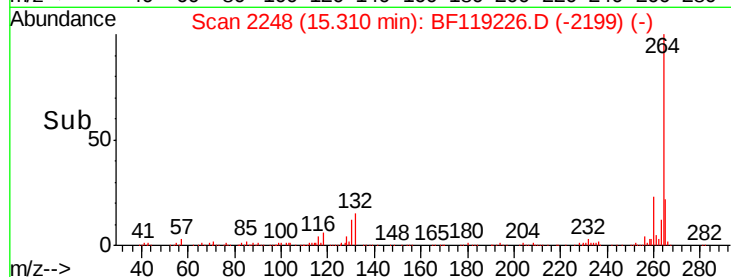
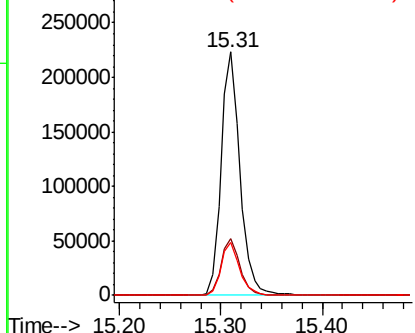
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 287477

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.8	17.7	26.5



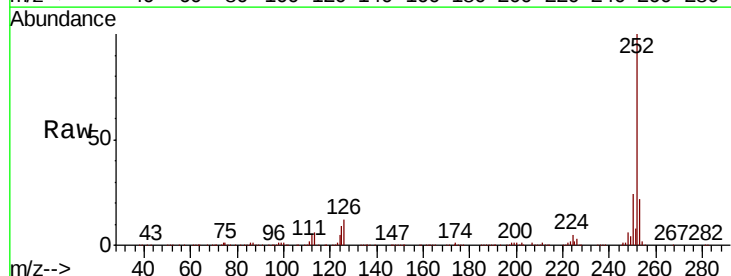
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



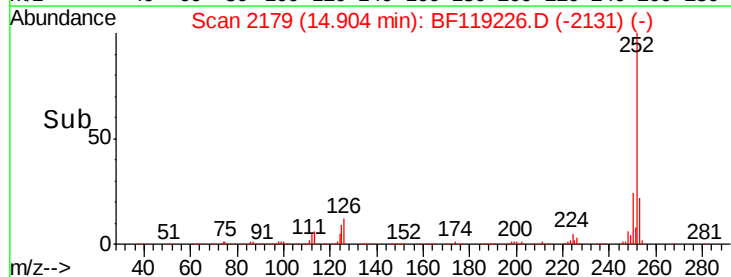
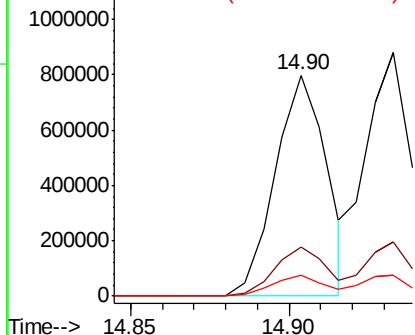
#88
Benzo(b)fluoranthene
Concen: 47.440 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

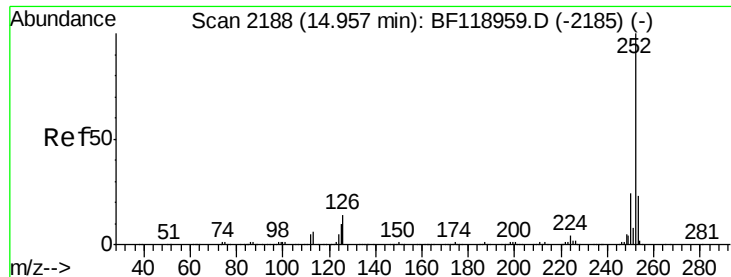
Tgt Ion:252 Resp: 898941

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.3	7.4	11.0



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

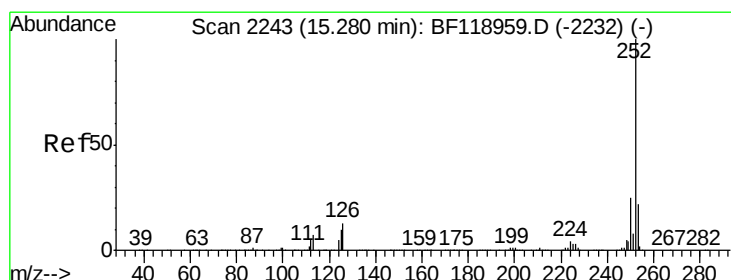
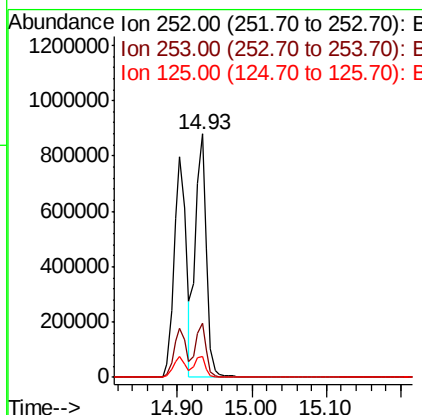
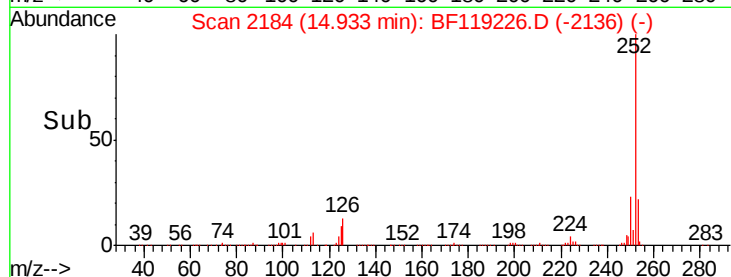
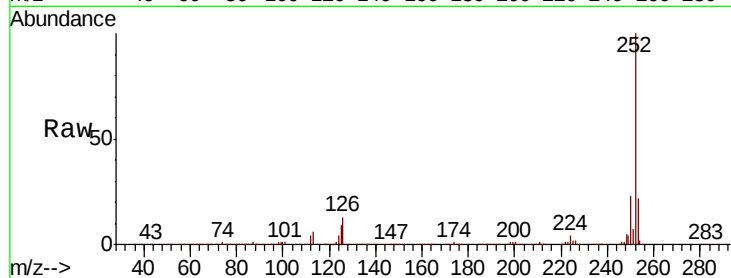




#89
Benzo(k)fluoranthene
Concen: 51.393 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

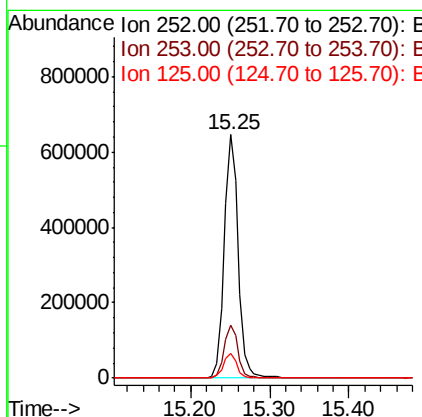
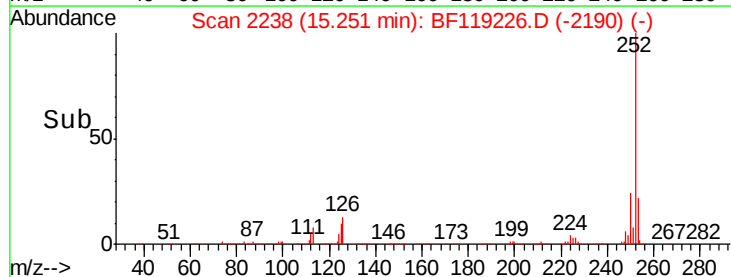
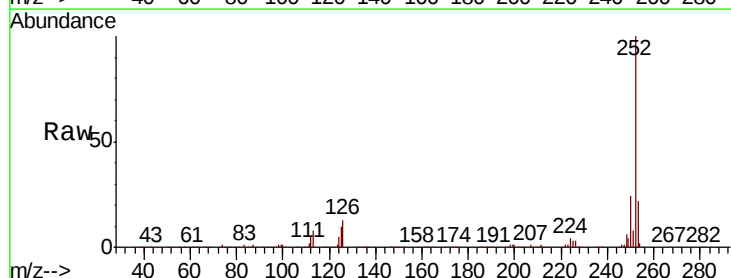
Instrument :
BNA_F
ClientSampleId :

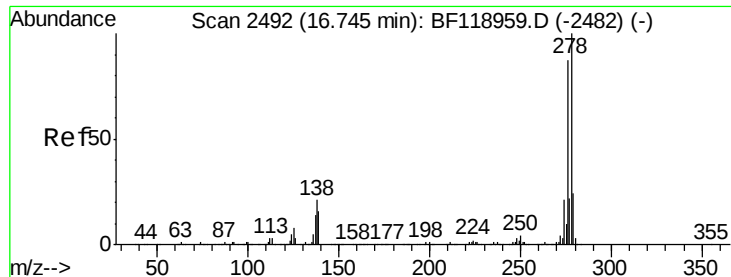
Tot Ion:252 Resp: 902480
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.818 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119226.D
Acq: 5 Mar 2020 22:02

Tgt Ion:252 Resp: 783580
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 55.256 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

Instrument :

BNA_F

ClientSampleId :

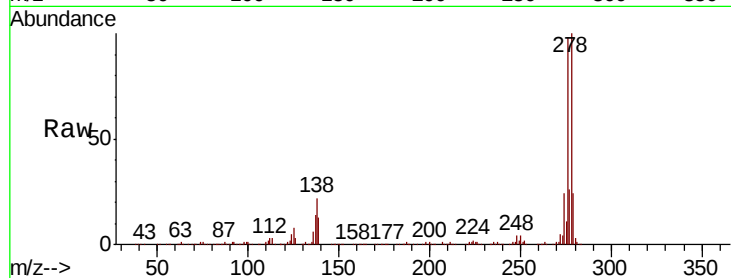
Tot Ion:278 Resp: 831482

Ion Ratio Lower Upper

278 100

139 12.9 11.0 16.4

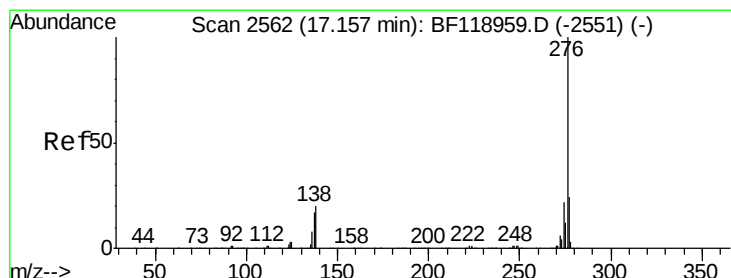
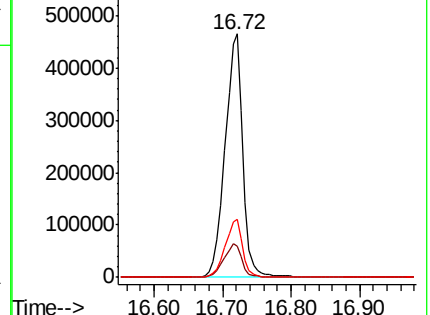
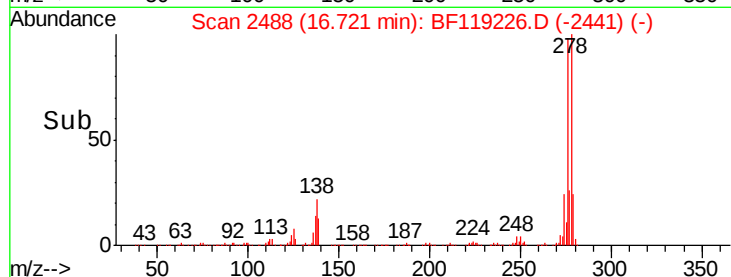
279 23.9 18.6 28.0



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: 56.953 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119226.D

Acq: 5 Mar 2020 22:02

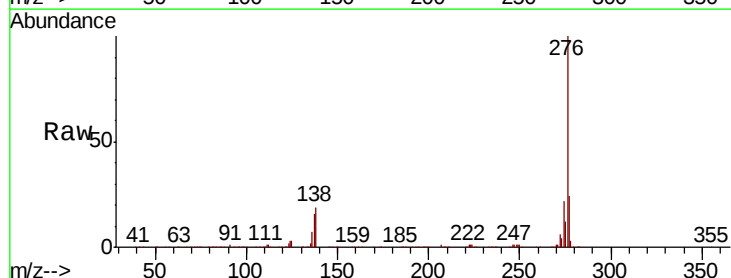
Tgt Ion:276 Resp: 846771

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.1 14.3 21.5



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

