

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF040620\
 Data File : BF119811.D
 Acq On : 7 Apr 2020 10:21
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 11:16:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	197125	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	713965	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	358979	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	677110	20.00	ng	0.00
76) Chrysene-d12	13.96	240	501134	20.00	ng	0.00
87) Perylene-d12	15.40	264	504660	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	969632	78.30	ng	0.00
7) Phenol-d6	6.42	99	1240926	78.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	1107274	84.29	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	337809	91.21	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2014711	83.15	ng	0.00
79) Terphenyl-d14	12.90	244	2094490	81.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	219363	35.868	ng	97
3) Pyridine	3.19	79	588229	34.912	ng	95
4) n-Nitrosodimethylamine	3.14	42	275241	33.499	ng	98
6) Aniline	6.45	93	805853	36.912	ng	97
8) 2-Chlorophenol	6.57	128	524560	40.333	ng	98
9) Benzaldehyde	6.33	77	343030	34.184	ng	98
10) Phenol	6.43	94	694467	41.145	ng	89
11) bis(2-Chloroethyl)ether	6.52	93	519714	38.499	ng	99
12) 1,3-Dichlorobenzene	6.72	146	567783	40.337	ng	96
13) 1,4-Dichlorobenzene	6.80	146	571429	40.586	ng	98
14) 1,2-Dichlorobenzene	6.96	146	538368	40.909	ng	98
15) Benzyl Alcohol	6.93	79	453207	38.088	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	933024	34.266	ng	99
17) 2-Methylphenol	7.04	107	466691	39.165	ng	98
18) Hexachloroethane	7.30	117	210660	40.828	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	358062	37.554	ng	97
20) 3+4-Methylphenols	7.19	107	571399	39.127	ng	# 88
22) Acetophenone	7.20	105	672390	39.413	ng	# 90
24) Nitrobenzene	7.37	77	557008	39.675	ng	99
25) Isophorone	7.61	82	1015740	38.116	ng	99
26) 2-Nitrophenol	7.69	139	281977	51.011	ng	91
27) 2,4-Dimethylphenol	7.73	122	420926	36.826	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	605030	38.395	ng	100
29) 2,4-Dichlorophenol	7.93	162	426794	40.638	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	475783	40.964	ng	100
31) Naphthalene	8.09	128	1507156	41.021	ng	99
32) Benzoic acid	7.85	122	279722	38.044	ng	99
33) 4-Chloroaniline	8.14	127	649404	38.573	ng	100
34) Hexachlorobutadiene	8.21	225	282078	43.407	ng	100
35) Caprolactam	8.52	113	129158	37.577	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	451631	39.345	ng	98
37) 2-Methylnaphthalene	8.79	142	979048	40.602	ng	98
38) 1-Methylnaphthalene	8.89	142	917893	40.217	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	448724	42.646	ng	99

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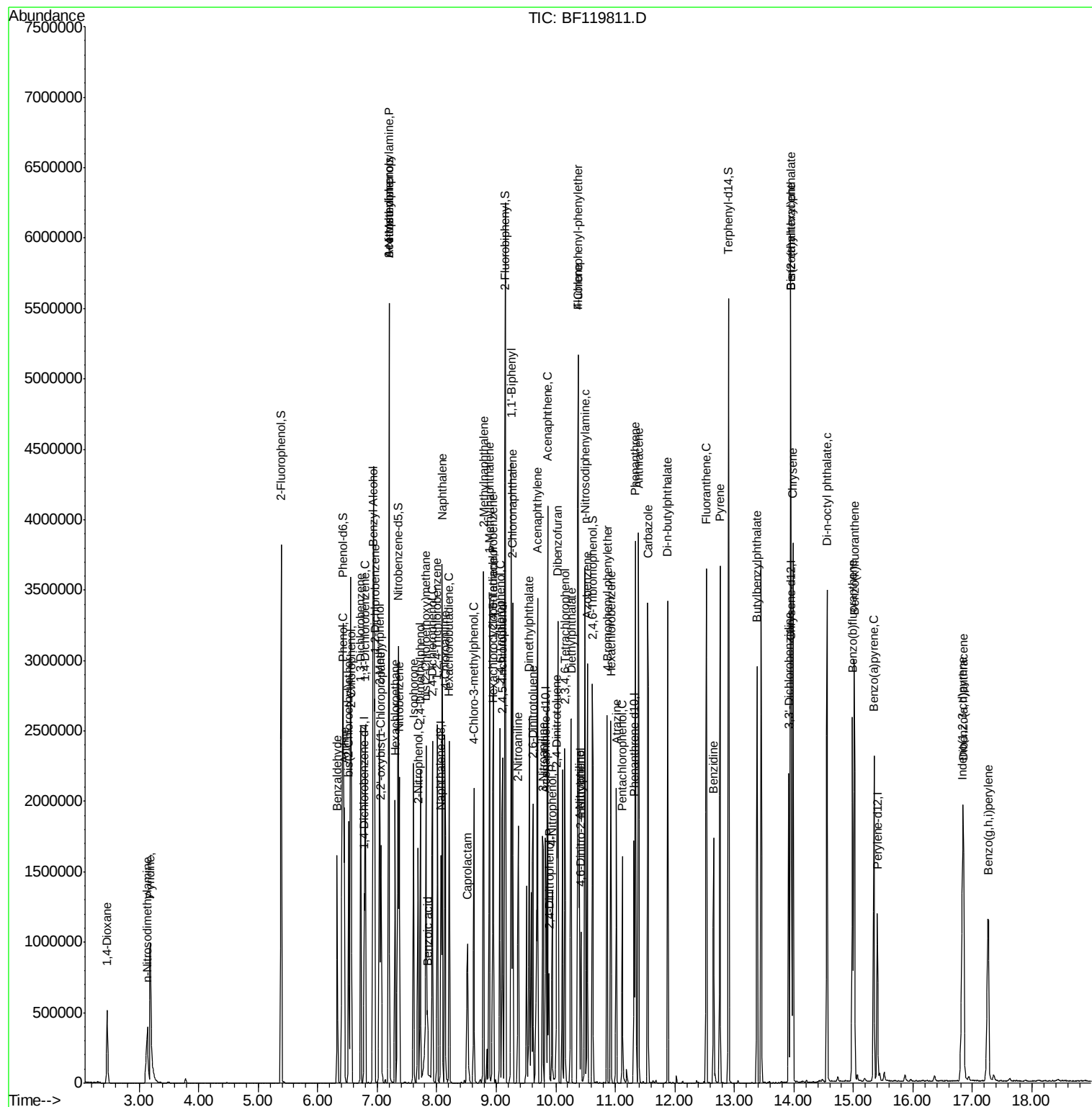
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219522	36.698	nq	100
43) 2,4,6-Trichlorophenol	9.06	196	312624	41.518	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	351628	41.686	nq	95
46) 1,1'-Biphenyl	9.25	154	1234798	42.234	nq	97
47) 2-Chloronaphthalene	9.27	162	941272	41.101	nq	99
48) 2-Nitroaniline	9.37	65	332509	42.064	nq	99
49) Acenaphthylene	9.69	152	1452591	40.390	nq	98
50) Dimethylphthalate	9.56	163	1045511	41.003	nq	99
51) 2,6-Dinitrotoluene	9.62	165	238386	43.617	nq	99
52) Acenaphthene	9.86	154	912098	40.681	nq	99
53) 3-Nitroaniline	9.79	138	283251	41.051	nq	90
54) 2,4-Dinitrophenol	9.89	184	90490	42.058	nq	99
55) Dibenzofuran	10.03	168	1302722	40.526	nq	100
56) 4-Nitrophenol	9.94	139	205175	37.694	nq	97
57) 2,4-Dinitrotoluene	10.02	165	314898	45.737	nq	97
58) Fluorene	10.38	166	987665	41.549	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	261809	41.523	nq	99
60) Diethylphthalate	10.26	149	1061114	41.002	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	494620	42.550	nq	97
62) 4-Nitroaniline	10.40	138	273606	41.351	nq	99
63) Azobenzene	10.53	77	1017157	39.030	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	143920	50.688	nq	95
66) n-Nitrosodiphenylamine	10.49	169	886693	39.890	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	325732	42.240	nq	95
68) Hexachlorobenzene	10.93	284	332917	42.181	nq	93
69) Atrazine	11.02	200	246681	40.480	nq	97
70) Pentachlorophenol	11.12	266	184933	39.961	nq	99
71) Phenanthrene	11.34	178	1410821	40.183	nq	99
72) Anthracene	11.39	178	1433403	40.170	nq	99
73) Carbazole	11.54	167	1388369	39.308	nq	99
74) Di-n-butylphthalate	11.88	149	1617939	42.822	nq	100
75) Fluoranthene	12.53	202	1521548	40.044	nq	99
77) Benzidine	12.65	184	619994	29.234	nq	100
78) Pyrene	12.76	202	1572906	38.245	nq	99
80) Butylbenzylphthalate	13.38	149	690874	41.533	nq	95
81) Benzo(a)anthracene	13.95	228	1290725	39.607	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	495098	38.532	nq	98
83) Chrysene	13.99	228	1298769	38.617	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	892378	45.003	nq	100
85) Di-n-octyl phthalate	14.56	149	1605935	46.049	nq	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1318275	41.619	nq	99
88) Benzo(b)fluoranthene	14.99	252	1295374	38.426	nq	98
89) Benzo(k)fluoranthene	15.02	252	1296867	40.401	nq	100
90) Benzo(a)pyrene	15.34	252	1217125	39.728	nq	98
91) Dibenzo(a,h)anthracene	16.85	278	1084308	40.465	nq	100
92) Benzo(g,h,i)perylene	17.26	276	1060592	39.397	nq	98

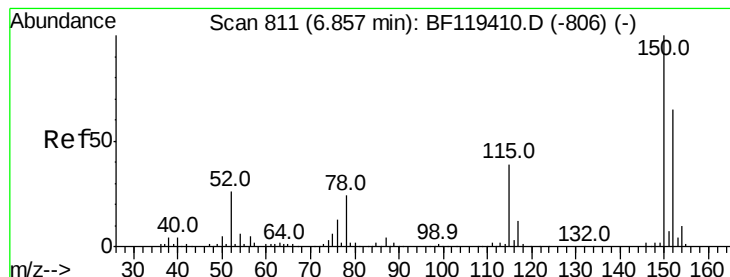
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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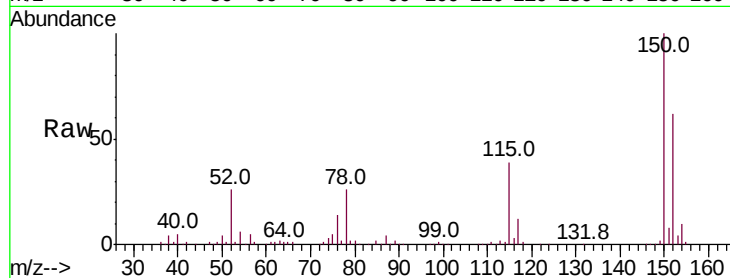


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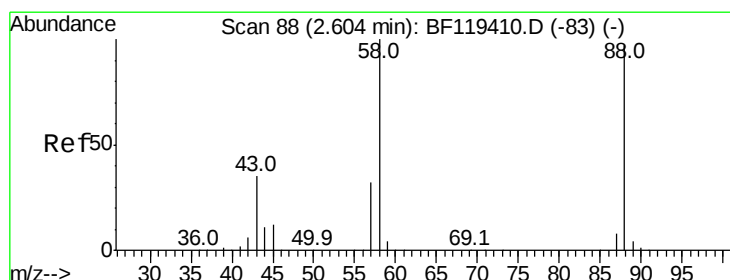
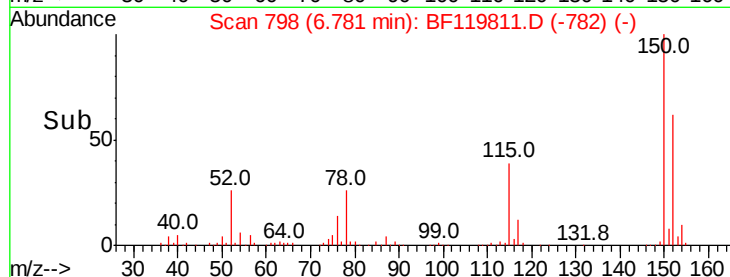
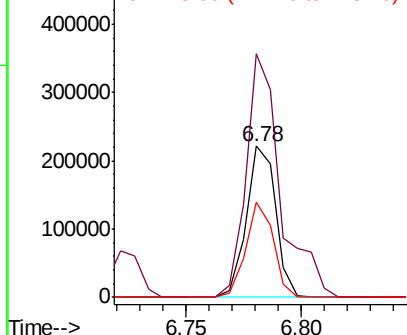
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 197125
Ion Ratio Lower Upper
152 100
150 161.0 124.5 186.7
115 63.0 49.6 74.4



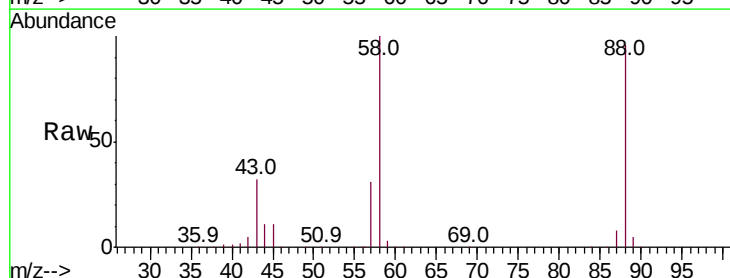
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



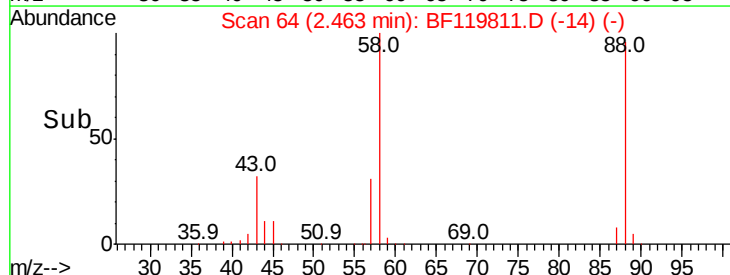
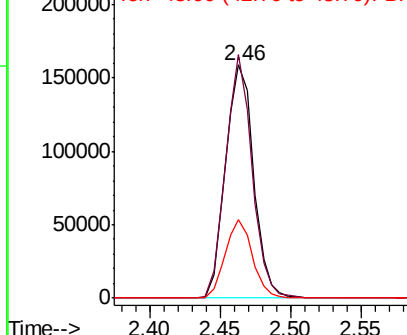
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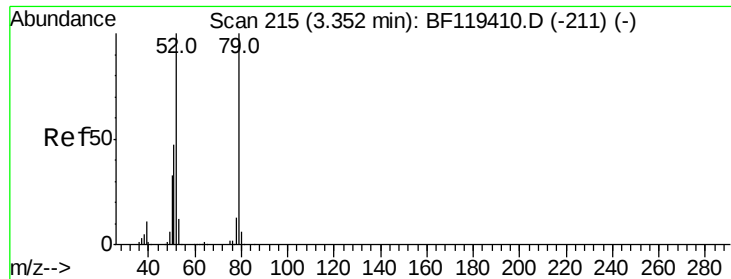
1,4-Dioxane
Concen: 35.868 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 88 Resp: 219363
Ion Ratio Lower Upper
88 100
58 98.0 80.6 121.0
43 32.6 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.912 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

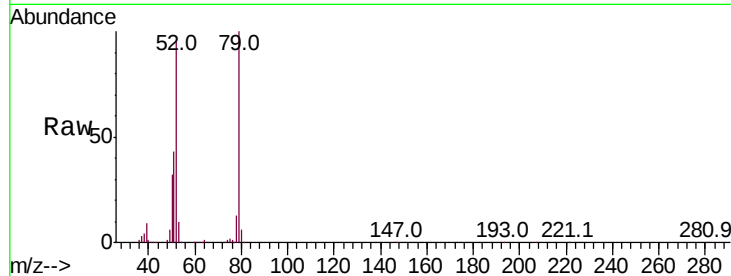
Tot Ion: 79 Resp: 588229

Ion Ratio Lower Upper

79 100

52 95.4 80.2 120.2

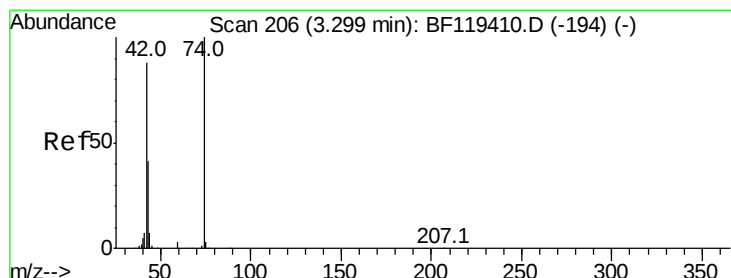
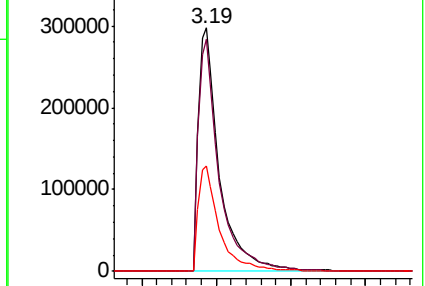
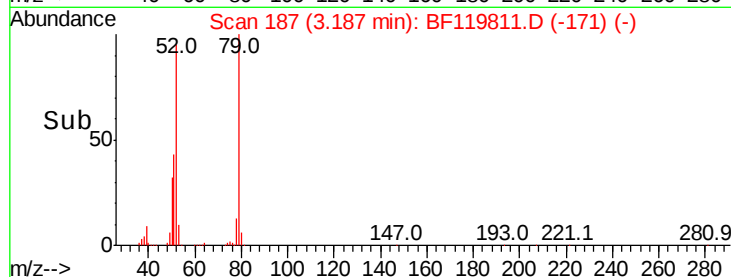
51 43.4 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.499 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

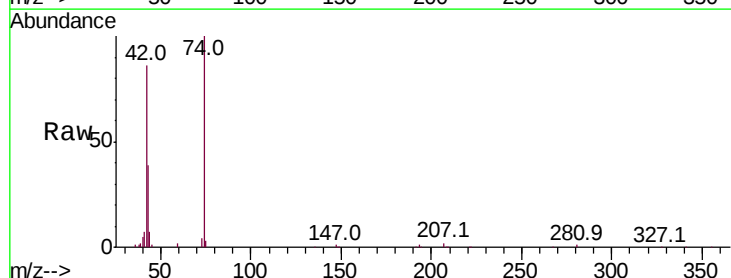
Tgt Ion: 42 Resp: 275241

Ion Ratio Lower Upper

42 100

74 116.3 91.5 137.3

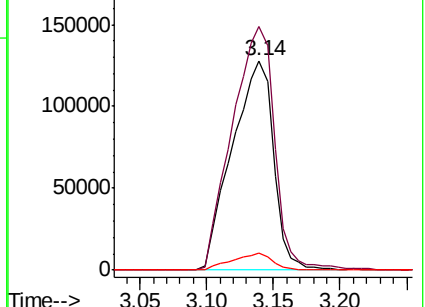
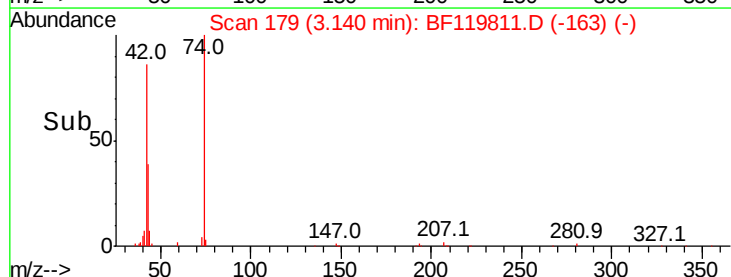
44 8.3 6.2 9.4

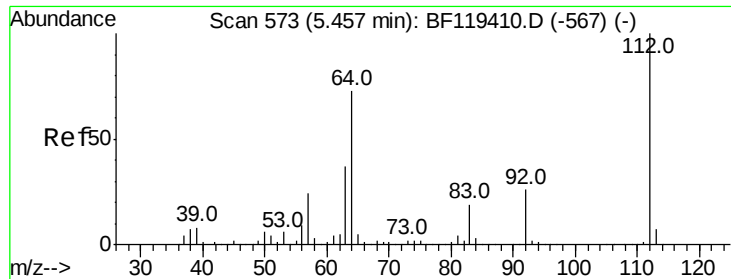


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.304 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.00 min

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Instrument :

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SSTDCCC040

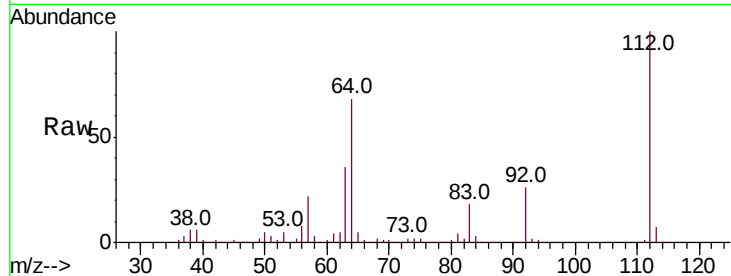
Tot Ion:112 Resp: 969632

Ion Ratio Lower Upper

112 100

64 68.1 56.7 85.1

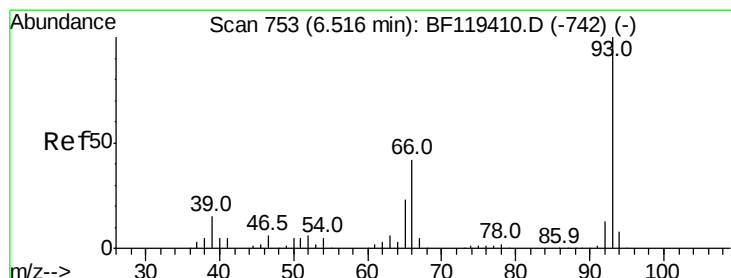
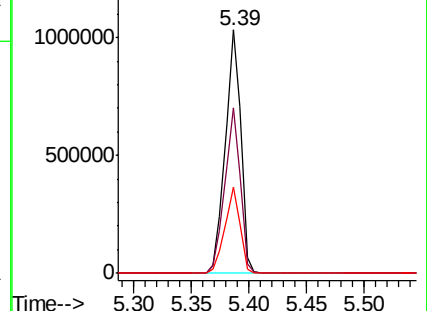
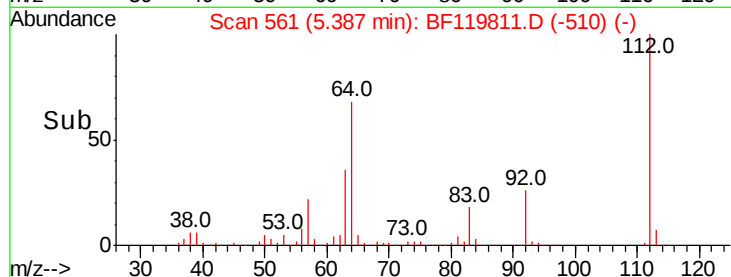
63 35.5 29.5 44.3



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: 36.912 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

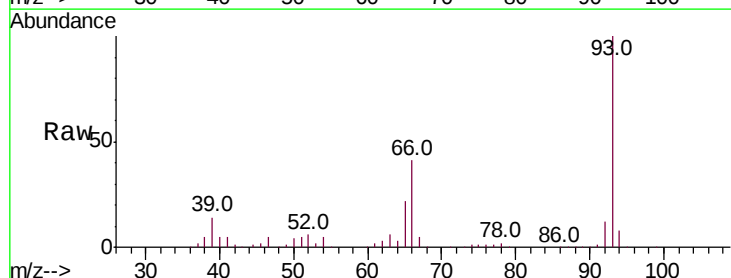
Tgt Ion: 93 Resp: 805853

Ion Ratio Lower Upper

93 100

66 41.4 34.9 52.3

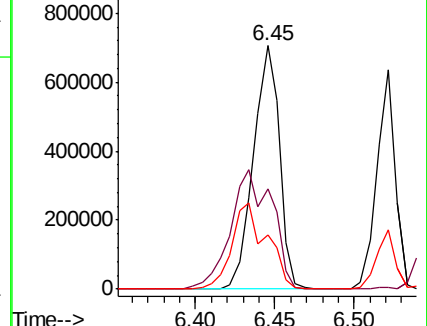
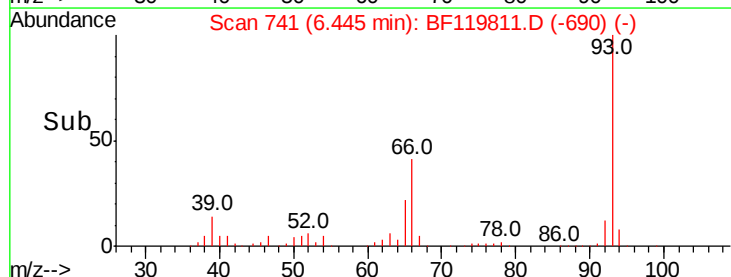
65 22.2 18.6 27.8

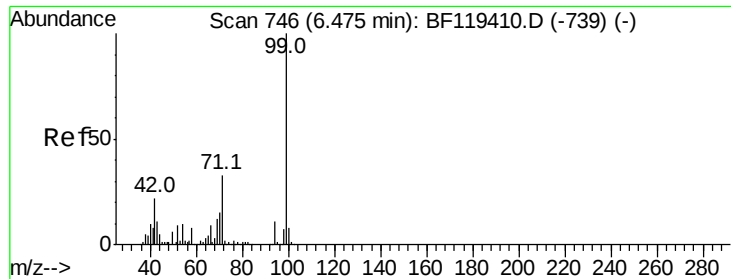


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.448 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

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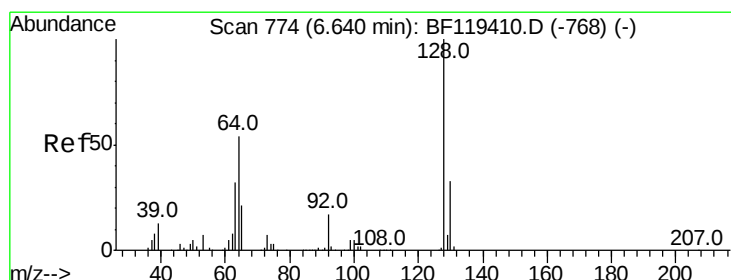
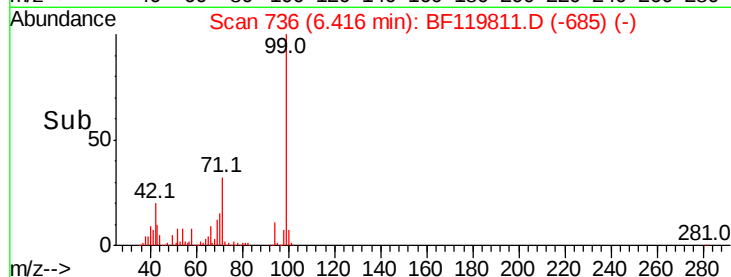
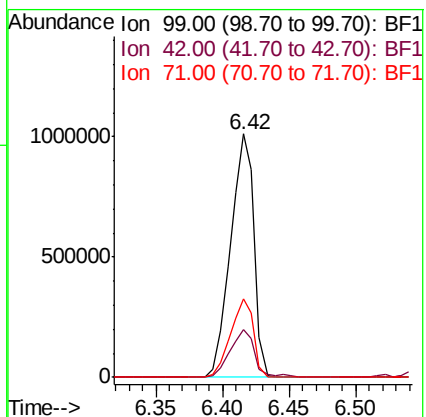
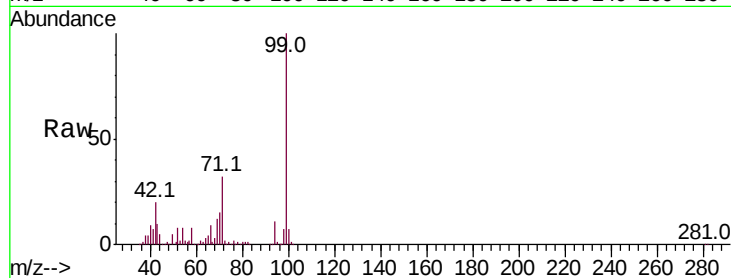
Tot Ion: 99 Resp: 1240926

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 32.3 26.4 39.6



#8

2-Chlorophenol

Concen: 40.333 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

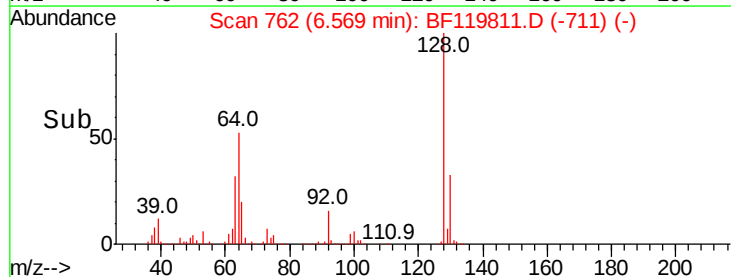
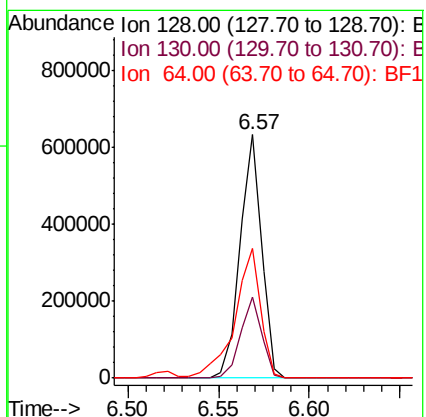
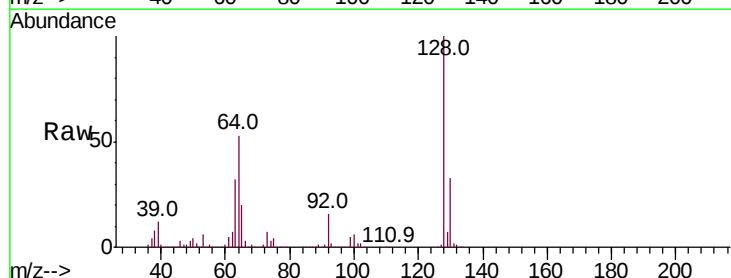
Tgt Ion:128 Resp: 524560

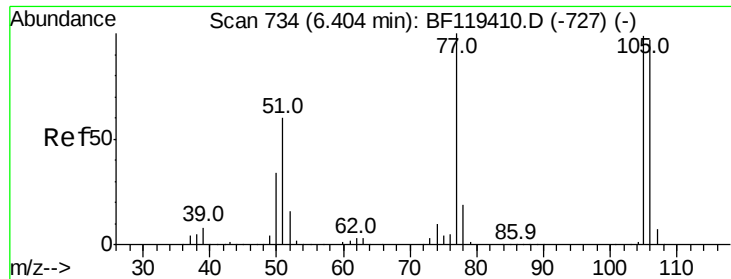
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 53.5 35.3 75.3

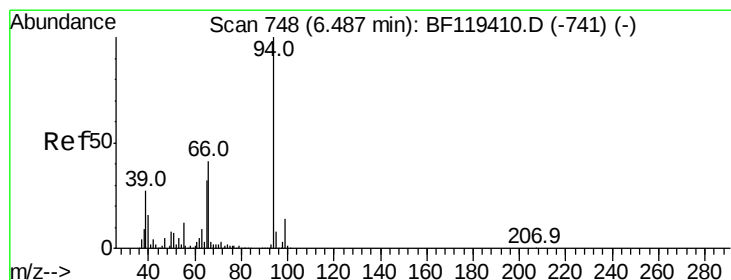
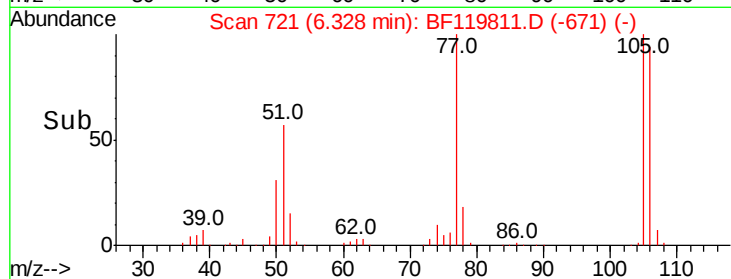
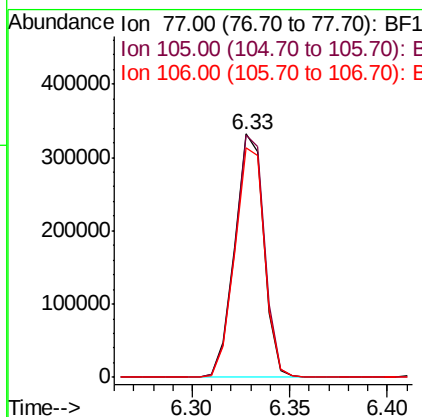
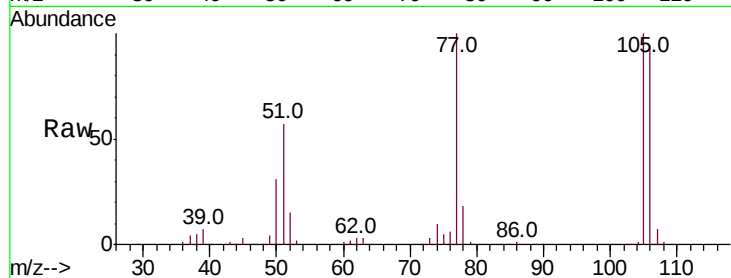




#9
Benzaldehyde
Concen: 34.184 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
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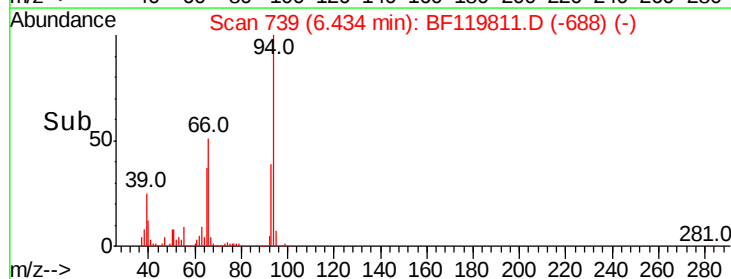
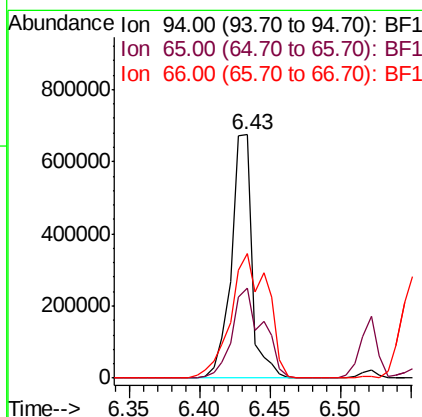
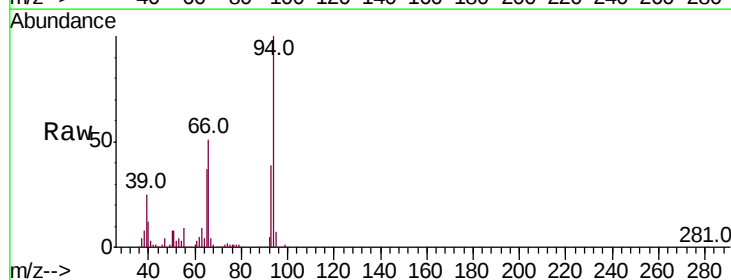
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

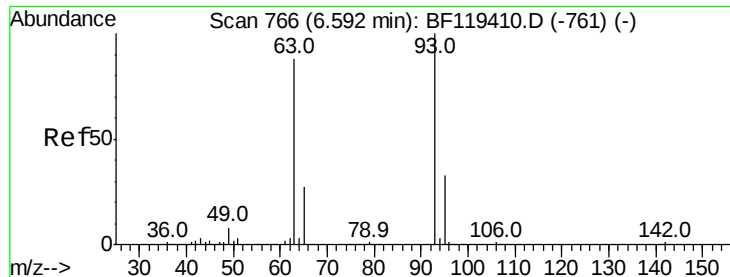
Tot Ion: 77 Resp: 343030
Ion Ratio Lower Upper
77 100
105 99.5 80.9 120.9
106 94.5 77.9 117.9



#10
Phenol
Concen: 41.145 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 94 Resp: 694467
Ion Ratio Lower Upper
94 100
65 36.9 13.2 53.2
66 51.3 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 38.499 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

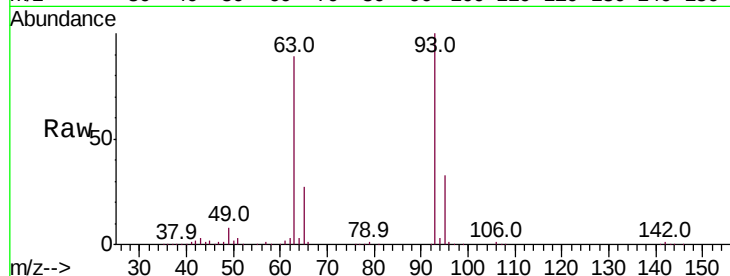
Tot Ion: 93 Resp: 519714

Ion Ratio Lower Upper

93 100

63 89.4 70.2 110.2

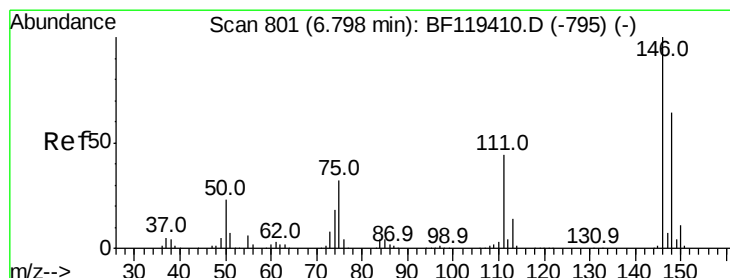
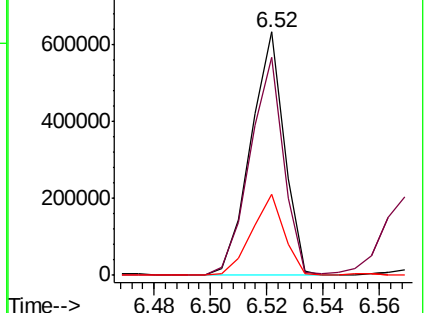
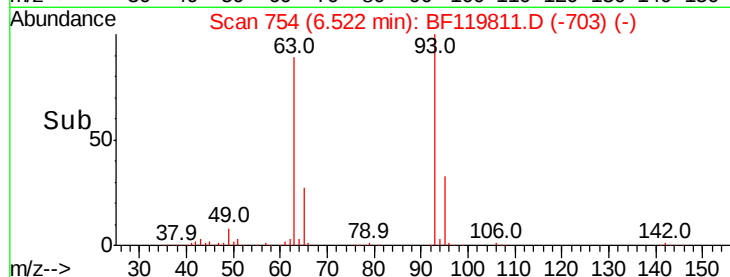
95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.337 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

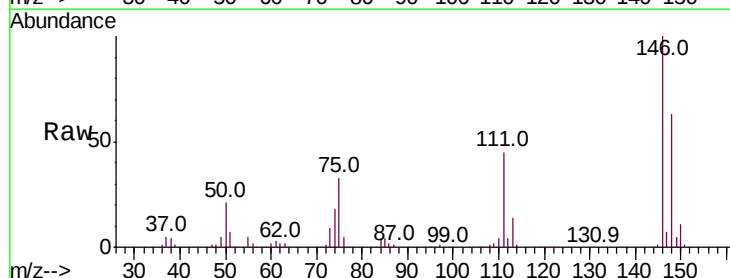
Tgt Ion: 146 Resp: 567783

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.4

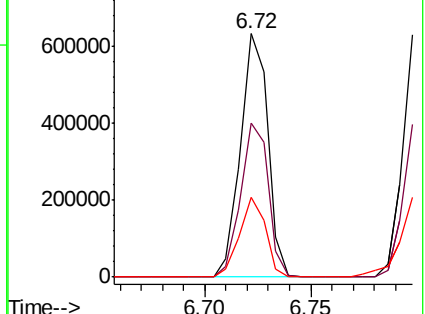
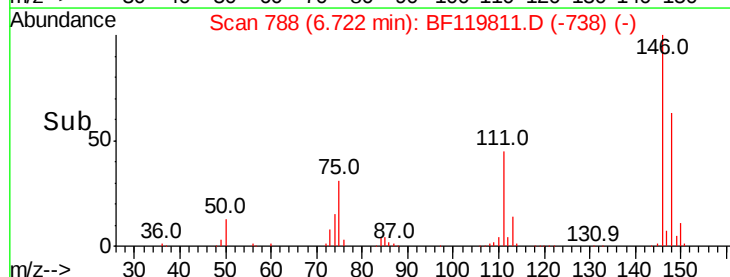
75 32.5 23.0 34.4

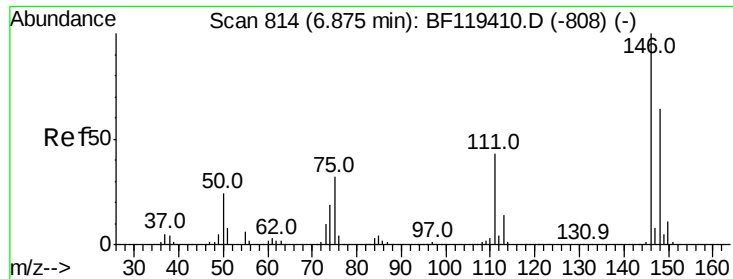


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

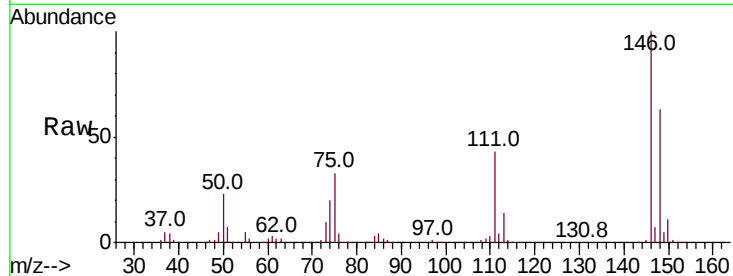




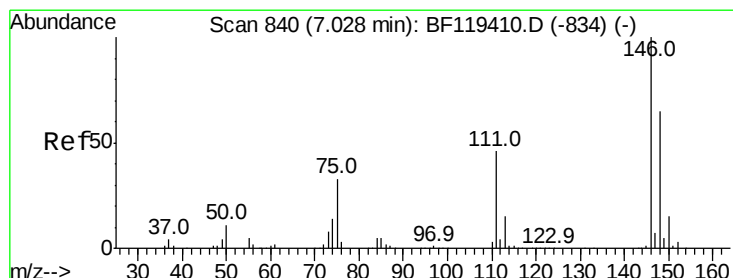
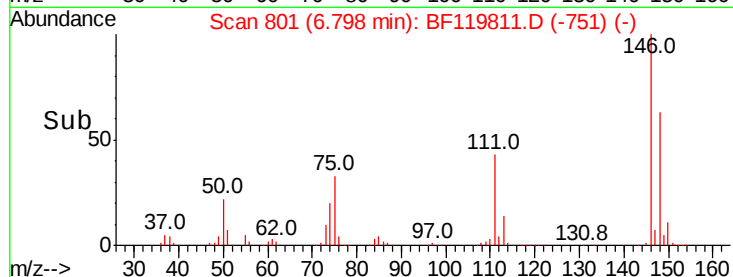
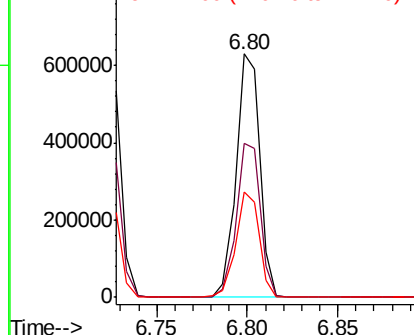
#13
 1,4-Dichlorobenzene
 Concen: 40.586 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 571429
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 43.2 33.3 49.9

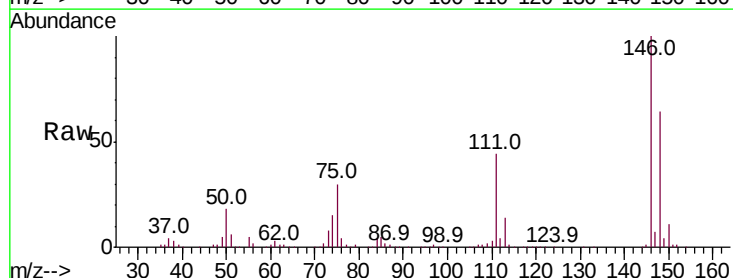


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

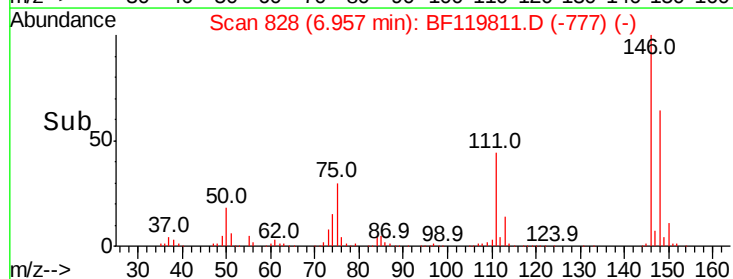
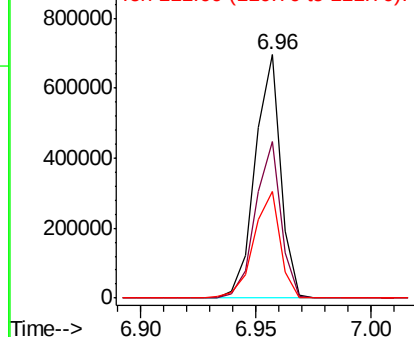


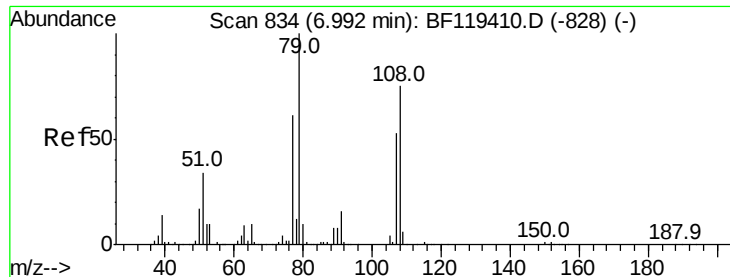
#14
 1,2-Dichlorobenzene
 Concen: 40.909 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:146 Resp: 538368
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.7 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 38.088 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

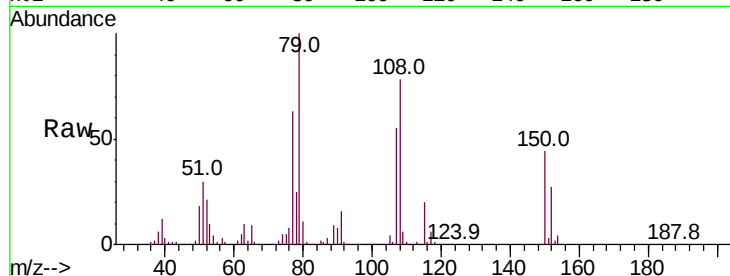
Tot Ion: 79 Resp: 453207

Ion Ratio Lower Upper

79 100

108 78.5 60.6 90.8

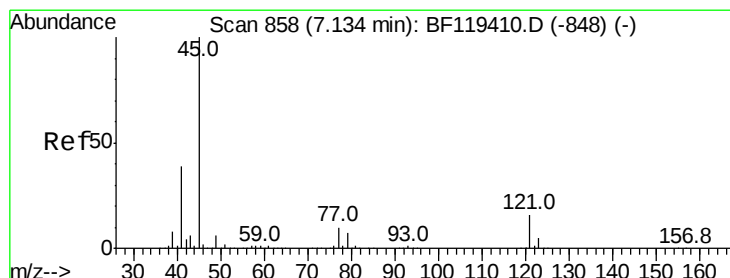
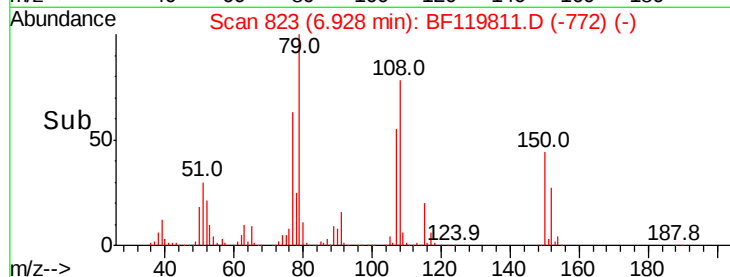
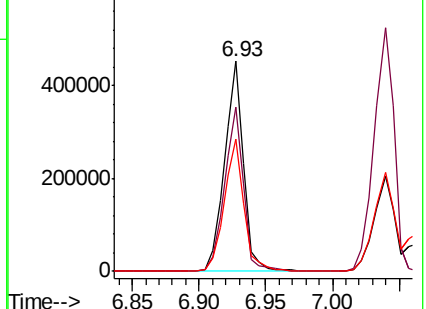
77 63.1 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.266 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

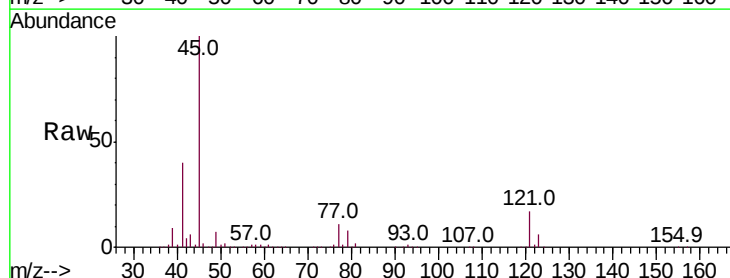
Tgt Ion: 45 Resp: 933024

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

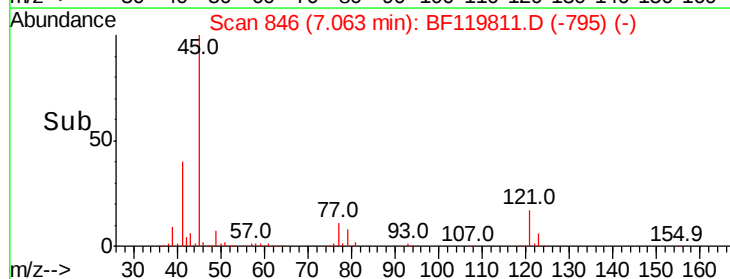
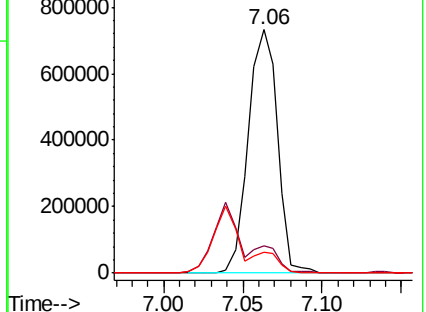
79 8.4 0.0 28.2

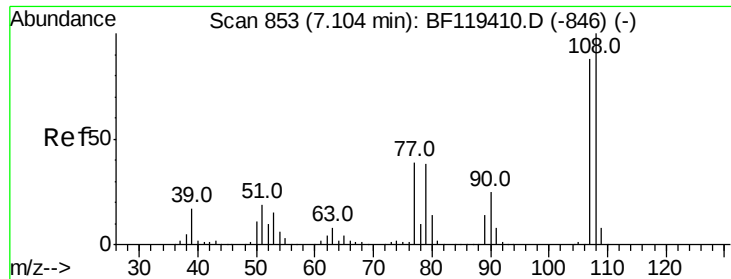


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

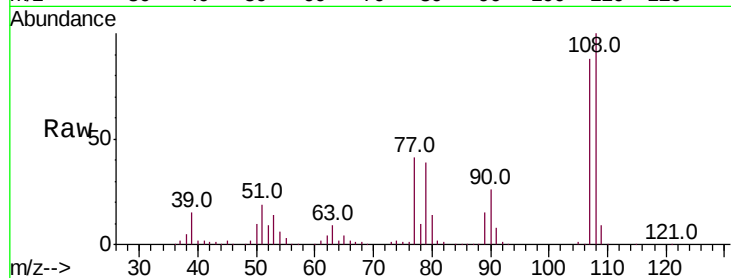




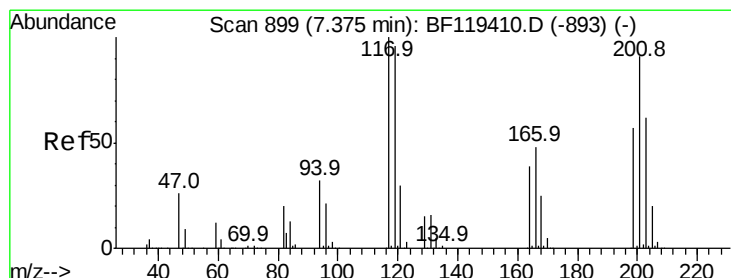
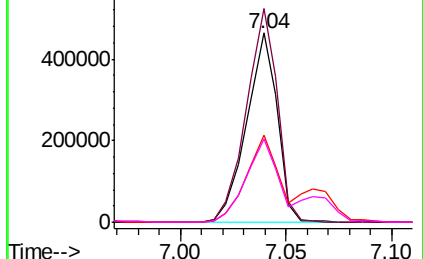
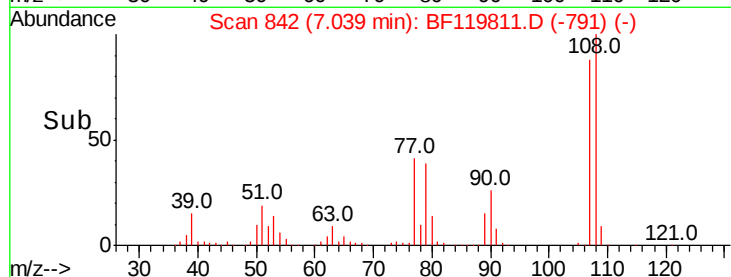
#17
2-Methylphenol
Concen: 39.165 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 466691
Ion Ratio Lower Upper
107 100
108 113.0 92.2 138.4
77 45.8 36.6 54.8
79 43.9 36.2 54.4

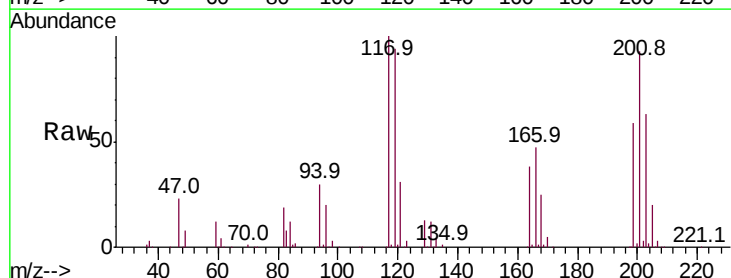


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

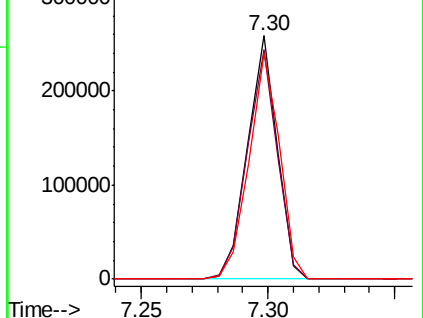
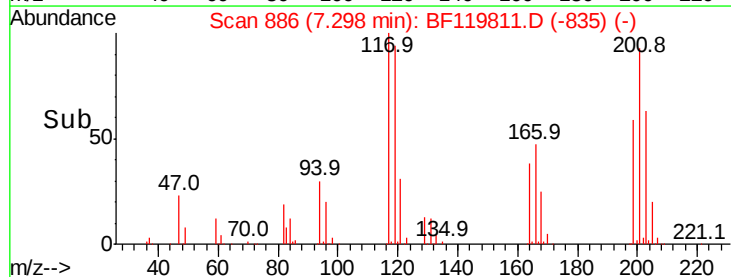


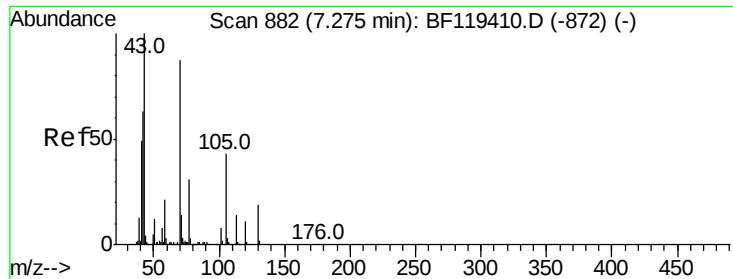
#18
Hexachloroethane
Concen: 40.828 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:117 Resp: 210660
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
201 92.7 73.0 109.6



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0

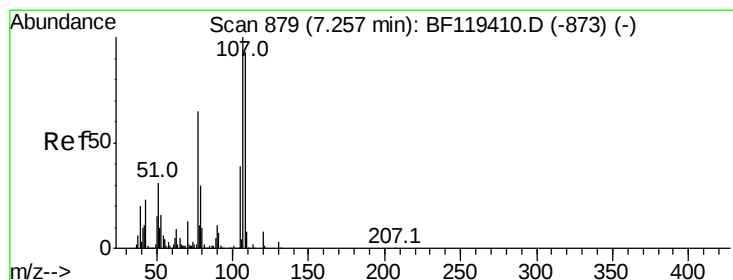
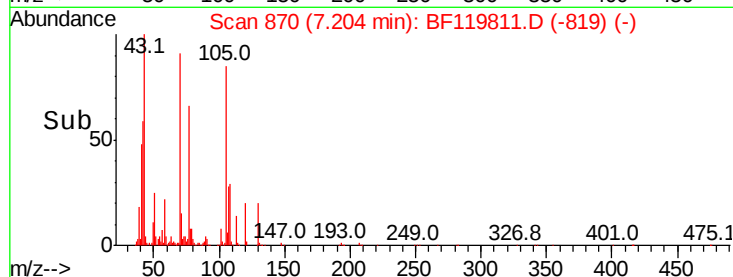
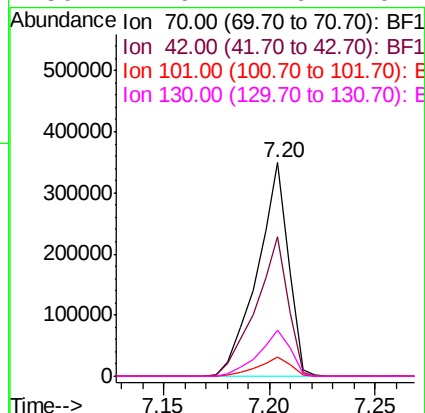
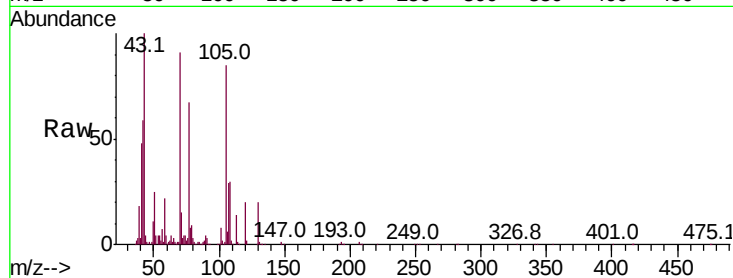




#19
n-Nitroso-di-n-propylamine
Concen: 37.554 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

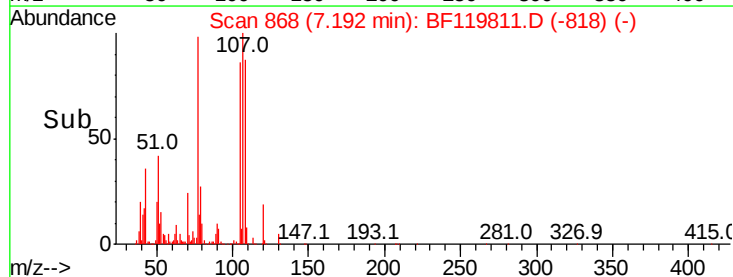
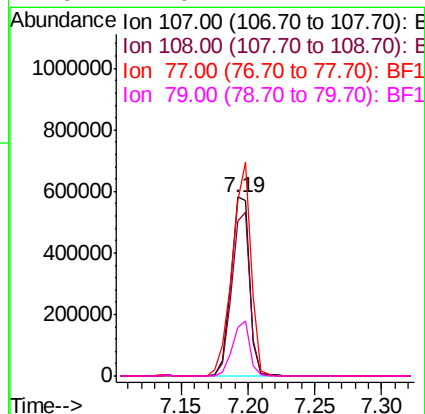
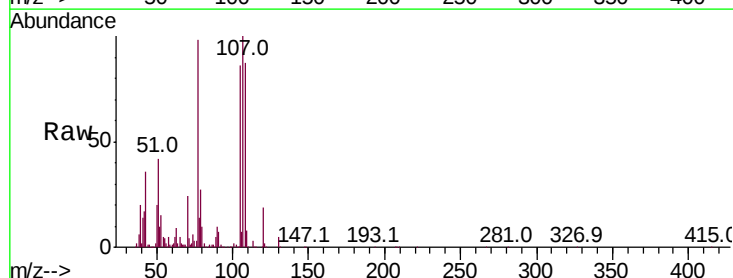
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

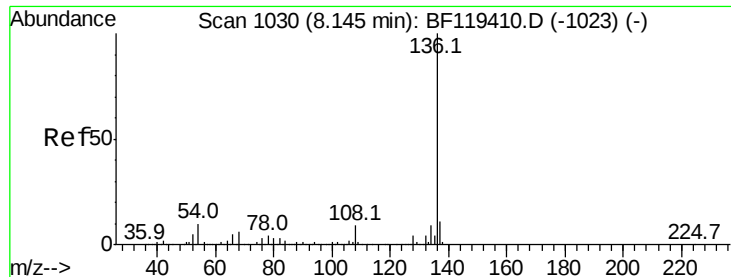
Tot Ion:	70	Resp:	358062
Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.5	81.7
101	9.3	7.6	11.4
130	21.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 39.127 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:	107	Resp:	571399
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.9	107.9
77	98.0	52.9	92.9#
79	27.0	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 713965

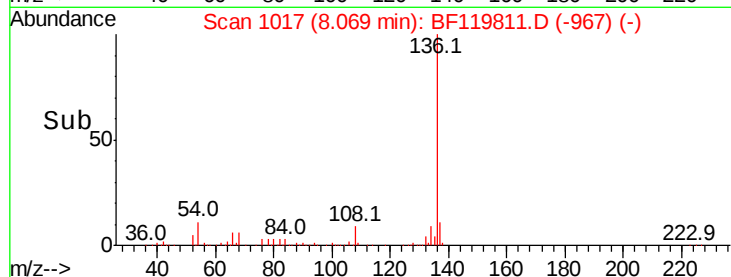
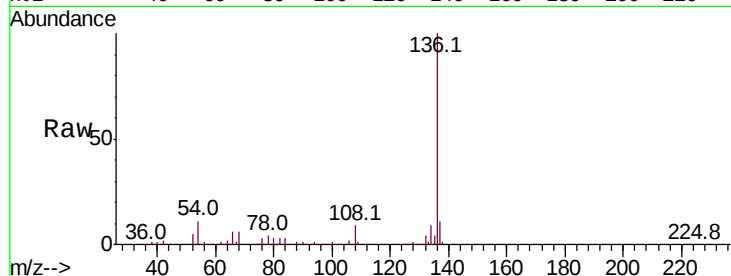
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.5 9.1 13.7

68 5.9 4.6 6.8

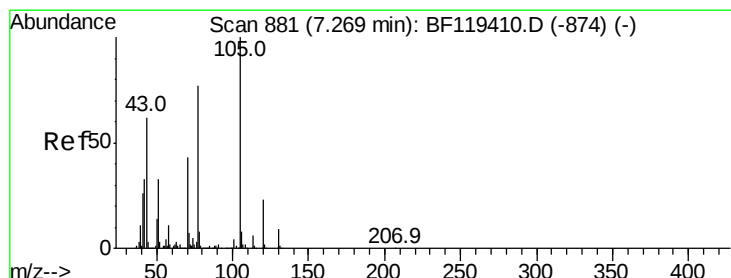
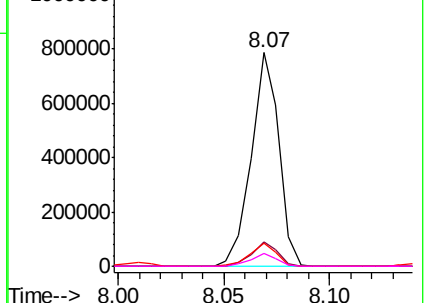


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.413 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion:105 Resp: 672390

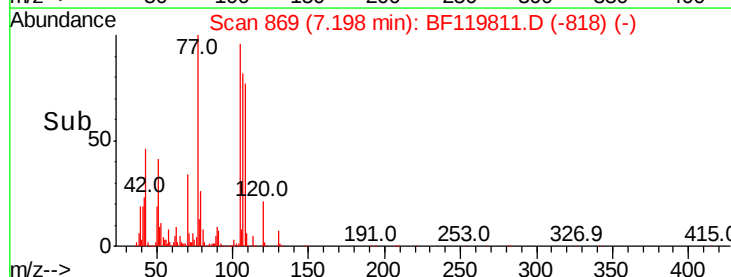
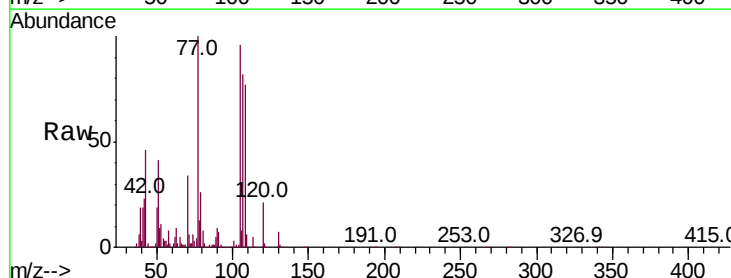
Ion Ratio Lower Upper

105 100

71 6.1 5.7 8.5

51 42.3 26.2 39.4#

120 22.0 18.3 27.5

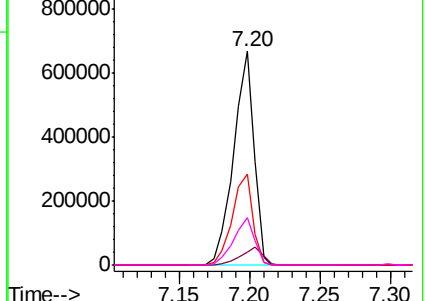


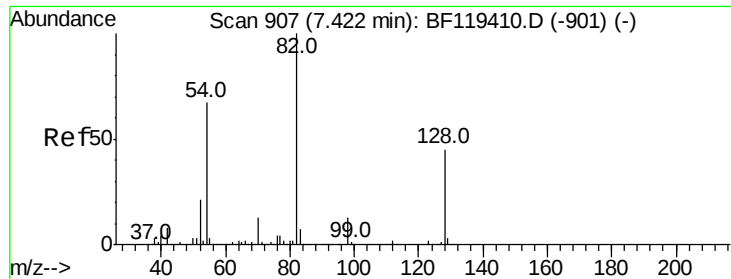
Abundance Ion 105.00 (104.70 to 105.70): E

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

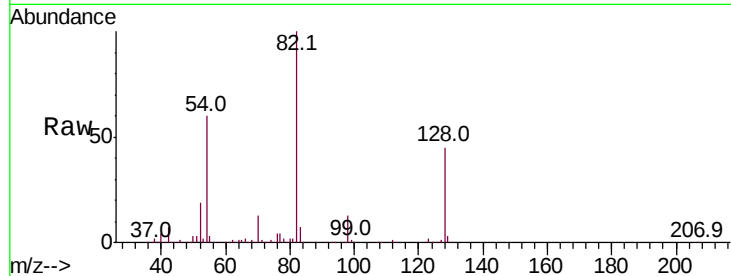




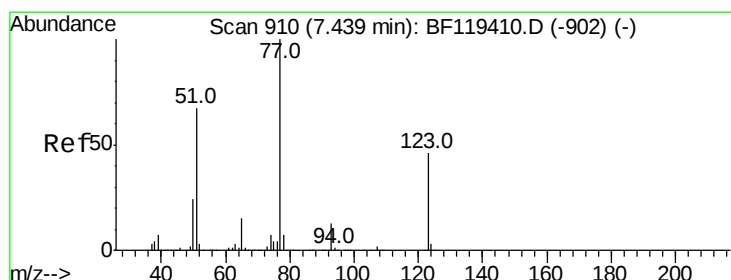
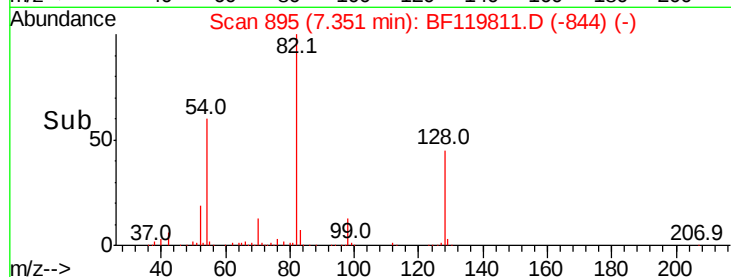
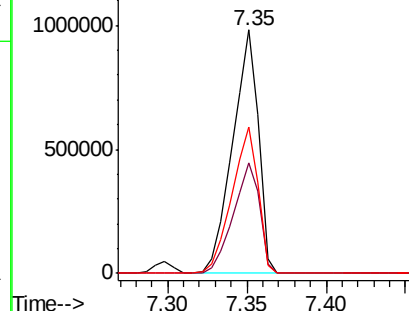
#23
 Nitrobenzene-d5
 Concen: 84.287 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1107274
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.3 54.5
 54 60.1 50.6 75.8

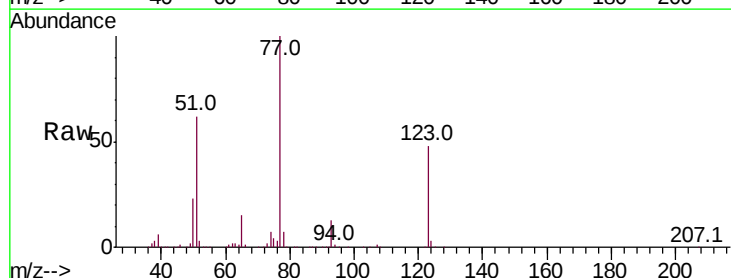


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

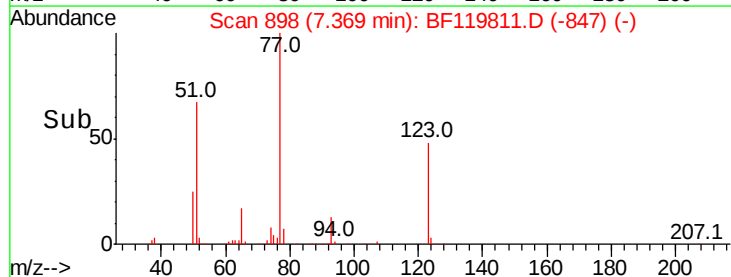
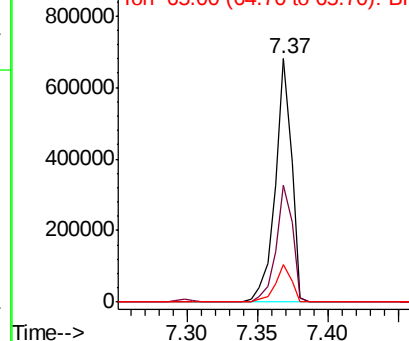


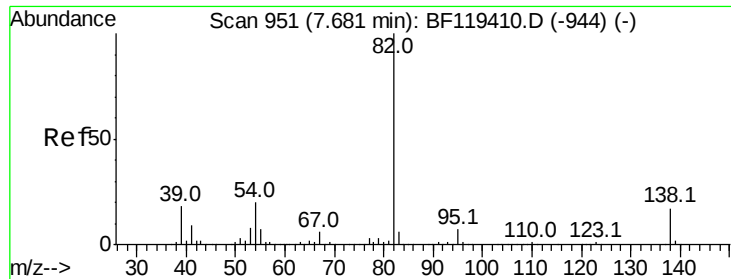
#24
 Nitrobenzene
 Concen: 39.675 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion: 77 Resp: 557008
 Ion Ratio Lower Upper
 77 100
 123 48.0 38.0 57.0
 65 15.2 12.6 18.8



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





#25

Isophorone

Concen: 38.116 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

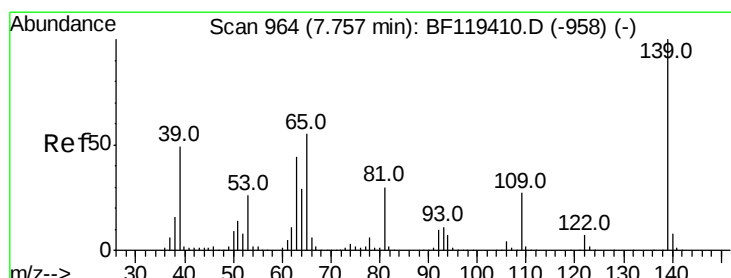
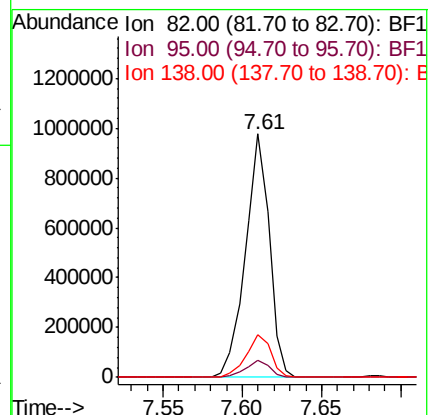
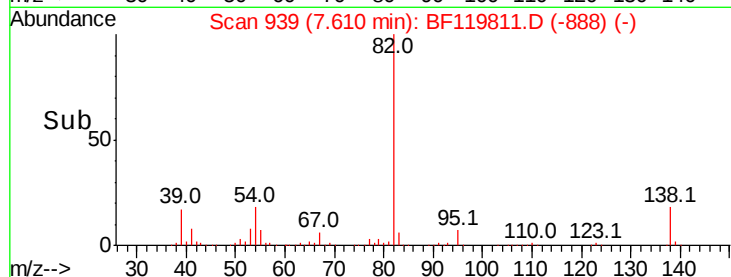
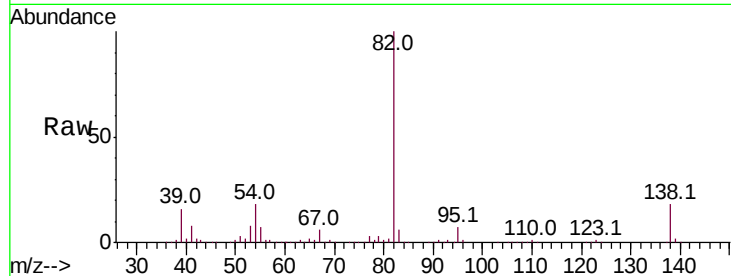
Tot Ion: 82 Resp: 1015740

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.7 14.6 21.8



#26

2-Nitrophenol

Concen: 51.011 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

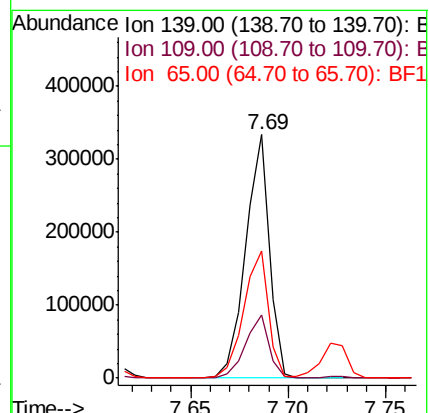
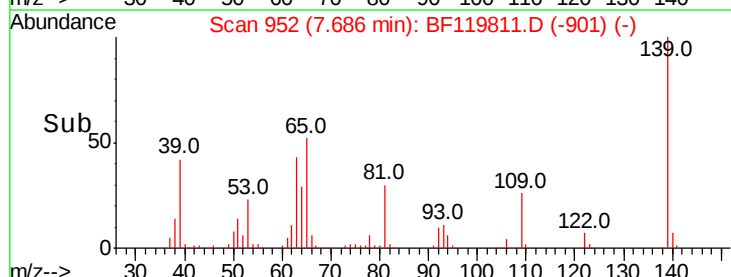
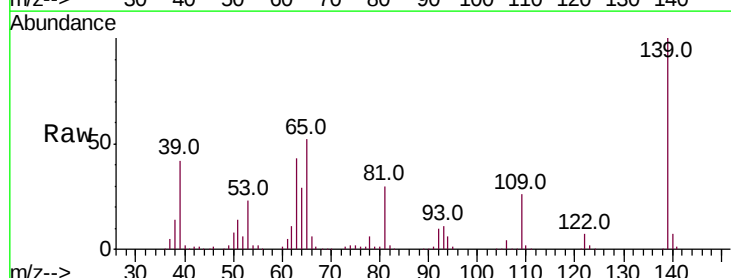
Tgt Ion:139 Resp: 281977

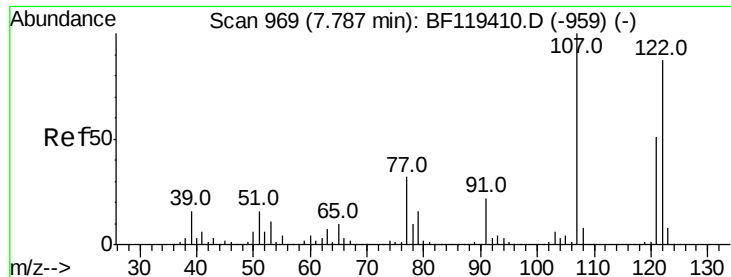
Ion Ratio Lower Upper

139 100

109 26.0 22.1 33.1

65 52.4 49.2 73.8

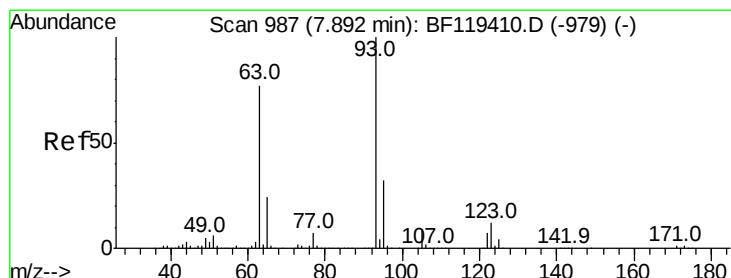
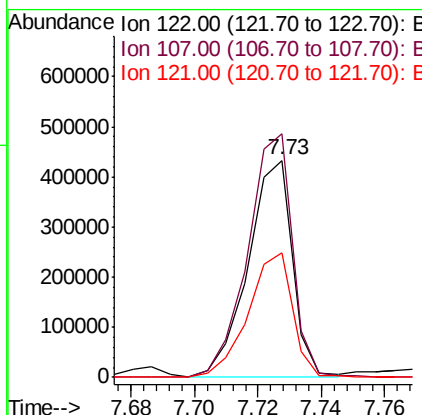
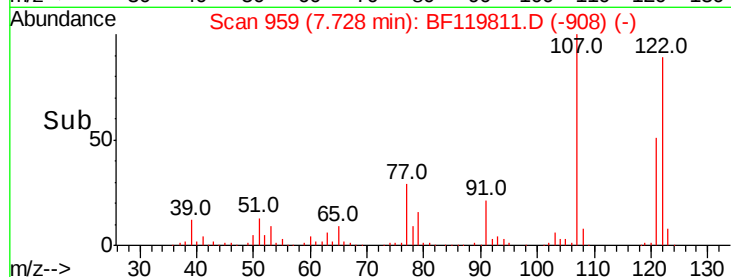
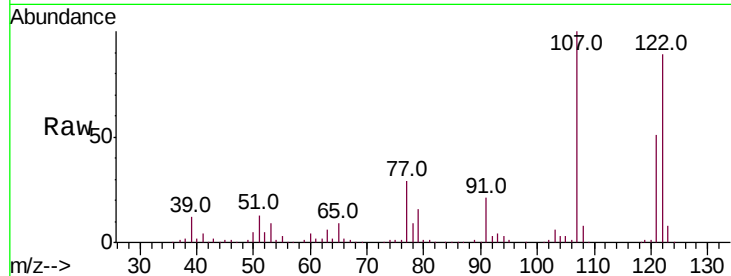




#27
 2,4-Dimethylphenol
 Concen: 36.826 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

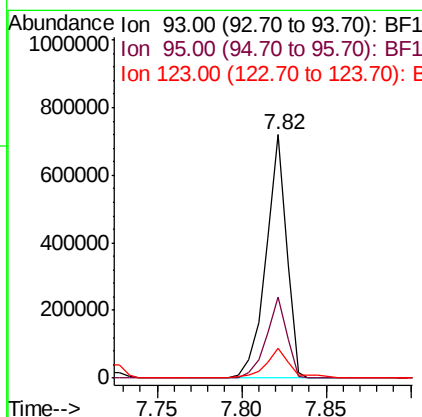
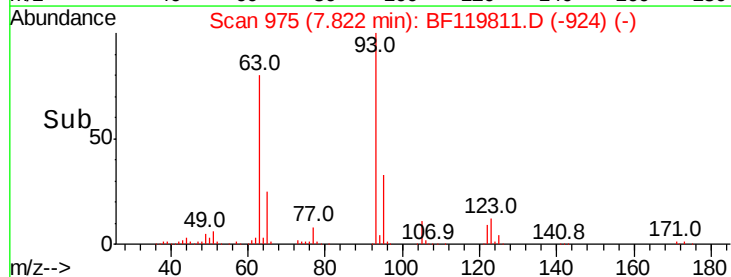
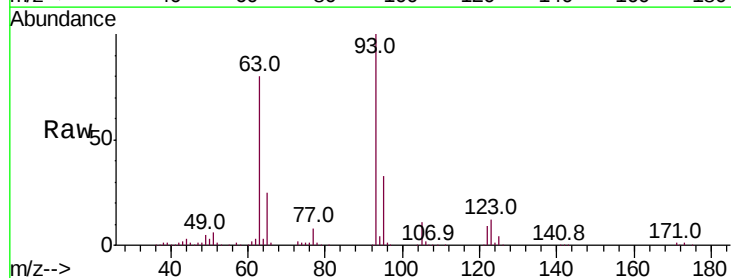
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

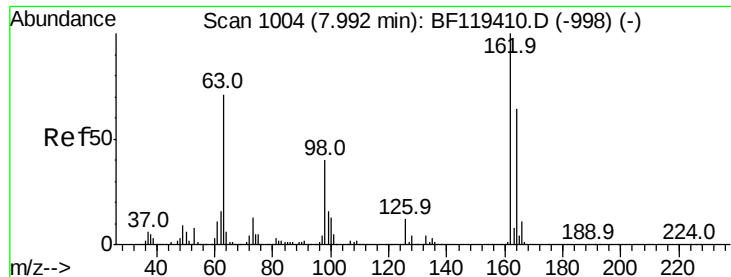
Tot Ion:122 Resp: 420926
 Ion Ratio Lower Upper
 122 100
 107 112.3 89.0 133.6
 121 57.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.395 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion: 93 Resp: 605030
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 12.1 9.7 14.5

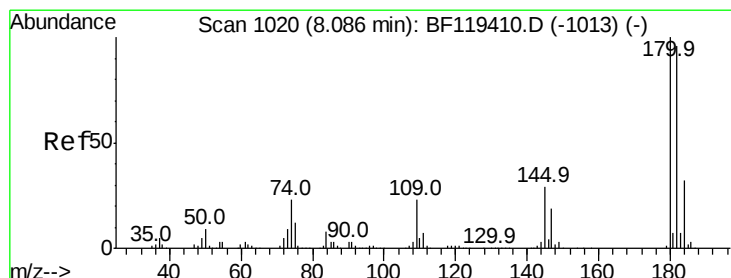
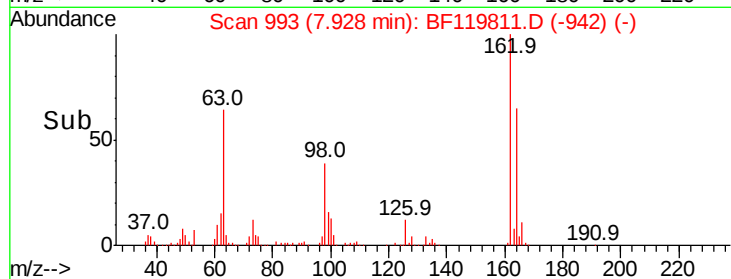
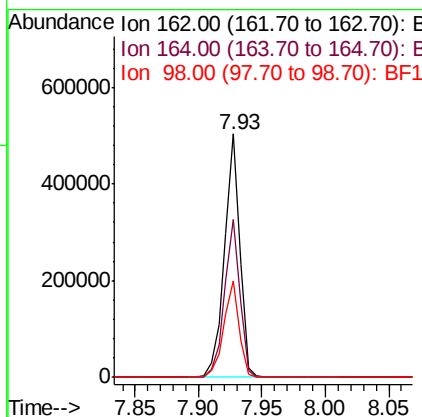
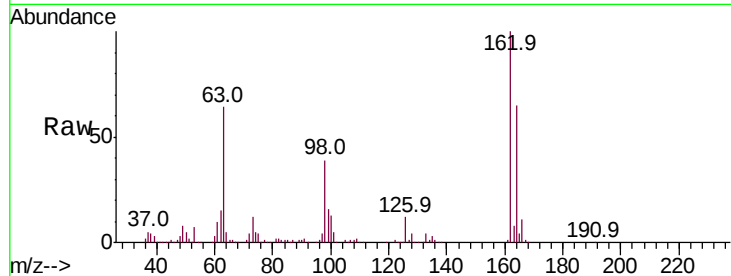




#29
 2,4-Dichlorophenol
 Concen: 40.638 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

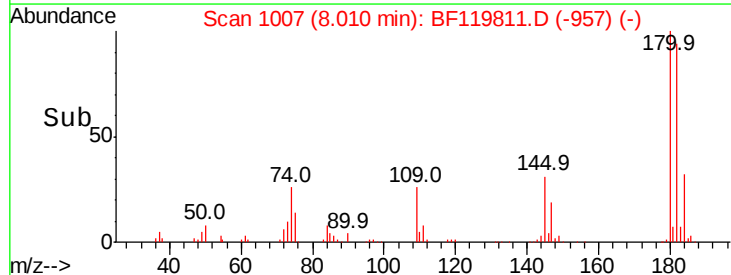
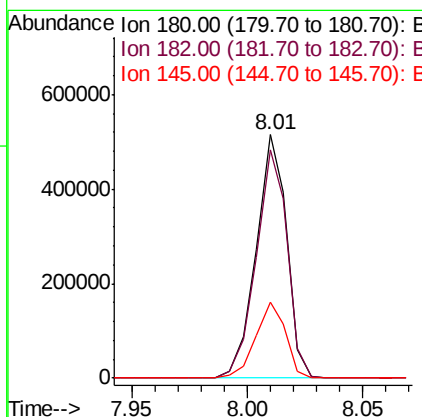
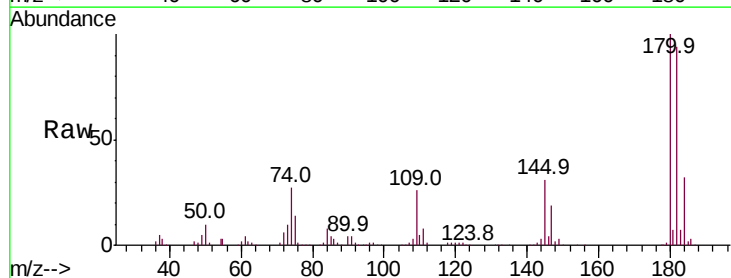
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

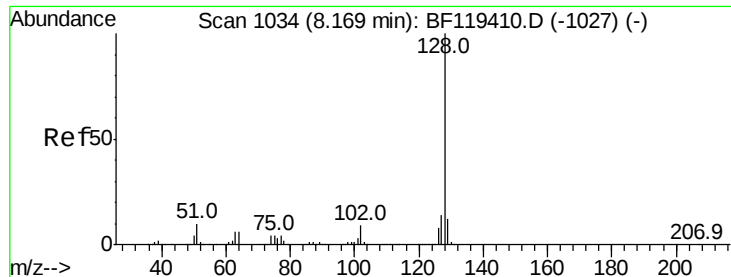
Tot Ion:162 Resp: 426794
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.7 84.7
 98 39.4 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.964 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:180 Resp: 475783
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.7 112.1
 145 31.3 24.5 36.7

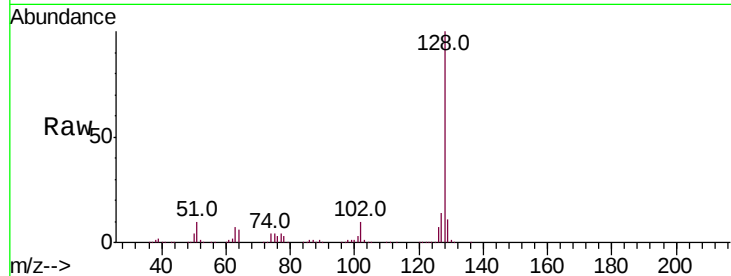




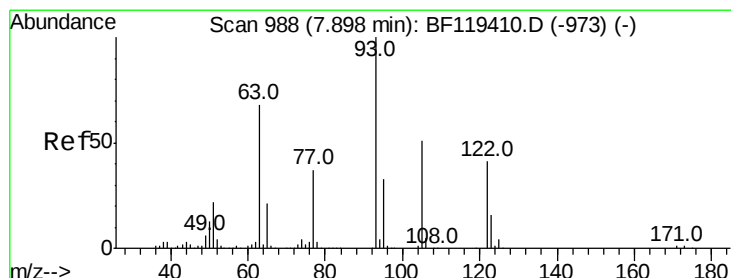
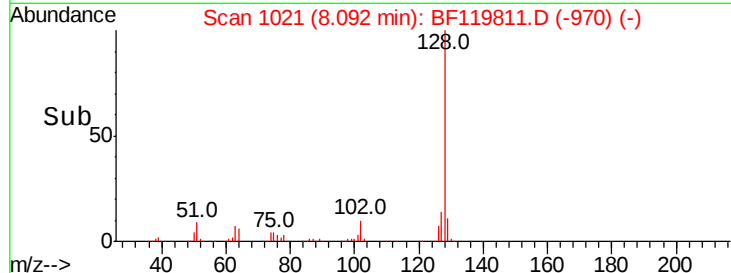
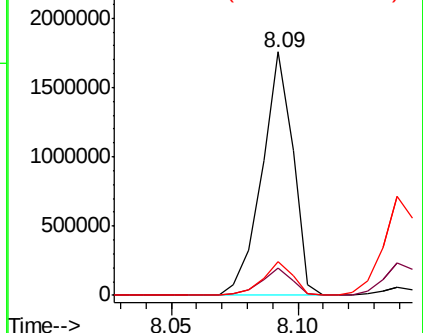
#31
Naphthalene
Concen: 41.021 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1507156
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.3 16.9

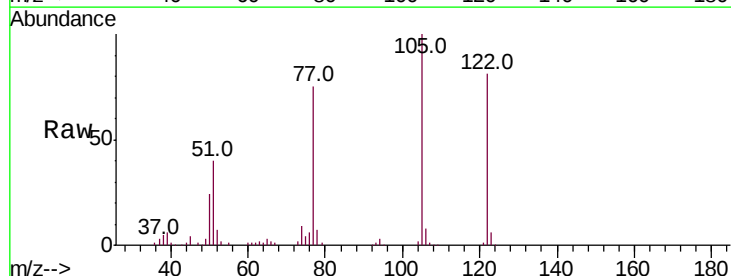


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

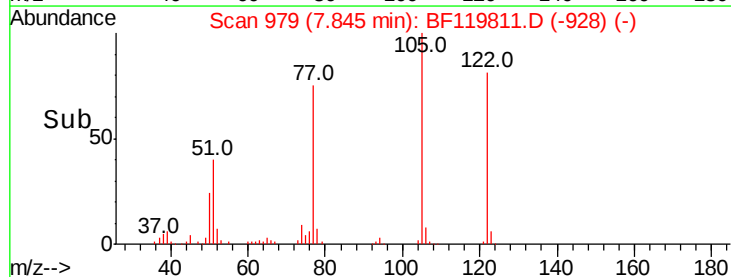
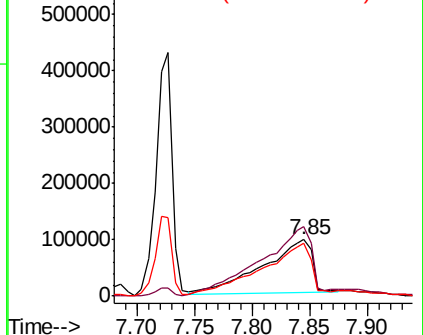


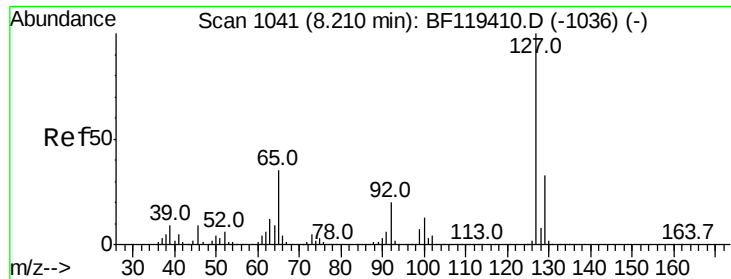
#32
Benzoic acid
Concen: 38.044 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:122 Resp: 279722
Ion Ratio Lower Upper
122 100
105 124.1 104.9 144.9
77 93.6 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

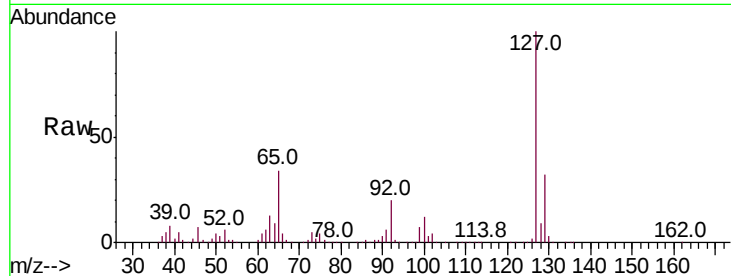




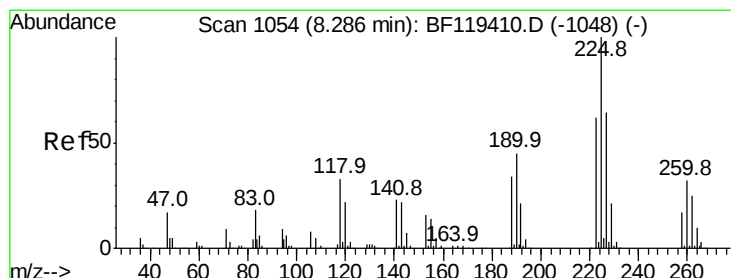
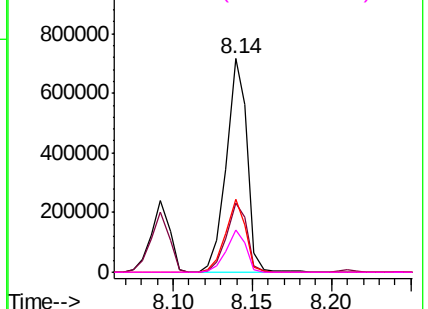
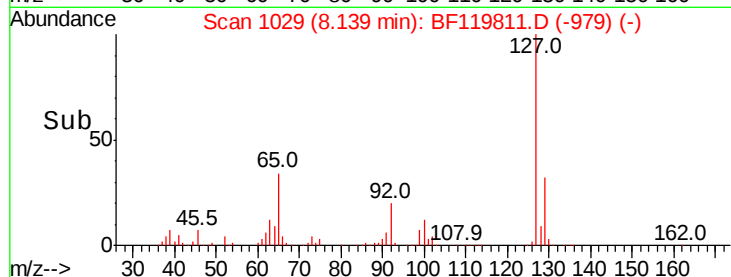
#33
 4-Chloroaniline
 Concen: 38.573 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:127	Resp:	649404
Ion	Ratio	Lower Upper
127	100	
129	32.5	26.2 39.4
65	34.2	27.4 41.0
92	19.6	15.3 22.9

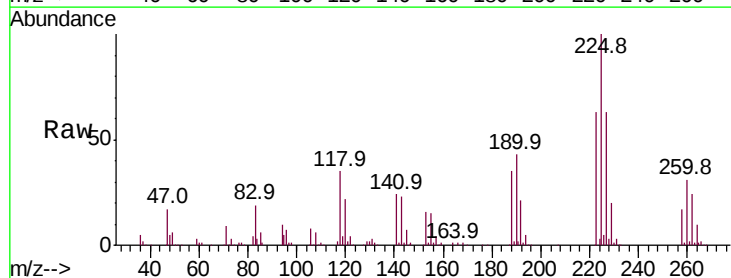


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

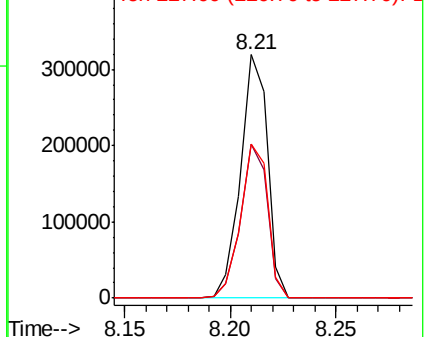
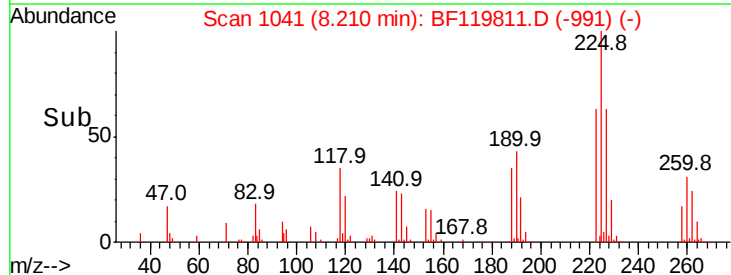


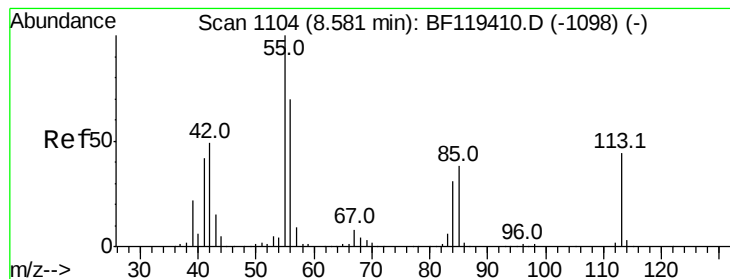
#34
 Hexachlorobutadiene
 Concen: 43.407 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:225	Resp:	282078
Ion	Ratio	Lower Upper
225	100	
223	63.2	51.0 76.6
227	63.4	50.7 76.1



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: 37.577 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

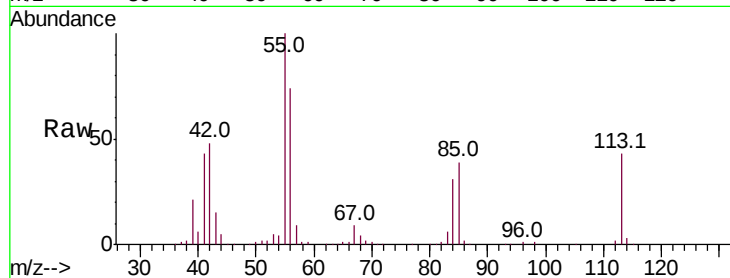
Tot Ion:113 Resp: 129158

Ion Ratio Lower Upper

113 100

55 231.1 218.4 258.4

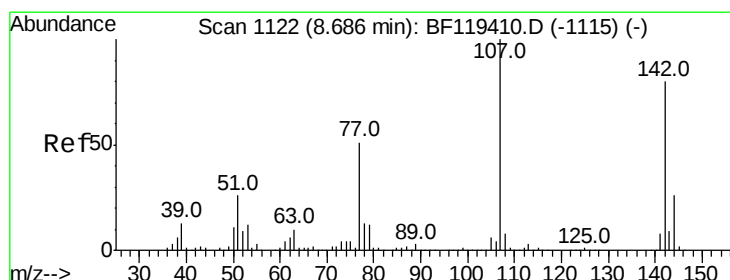
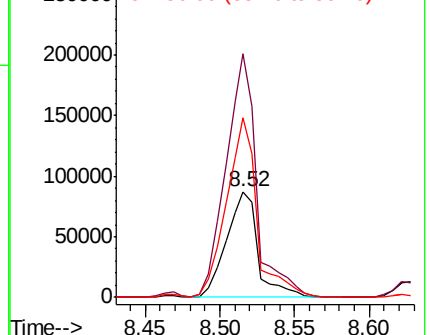
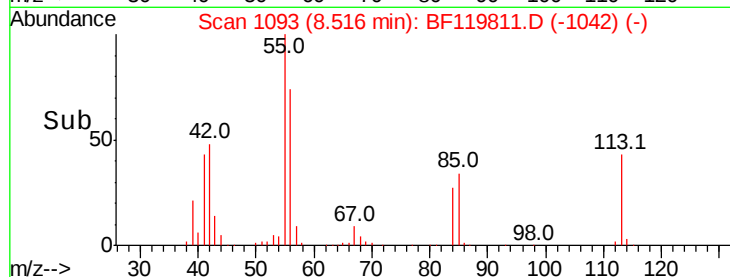
56 170.7 148.9 188.9



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: 39.345 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

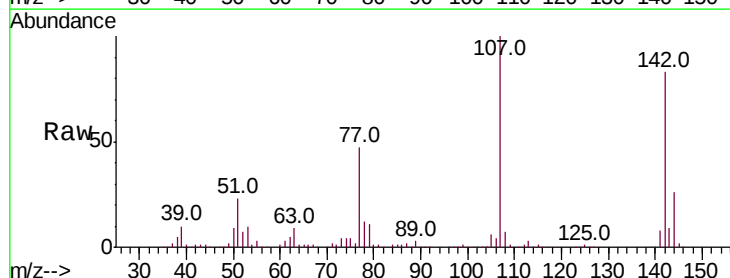
Tgt Ion:107 Resp: 451631

Ion Ratio Lower Upper

107 100

144 26.0 21.0 31.6

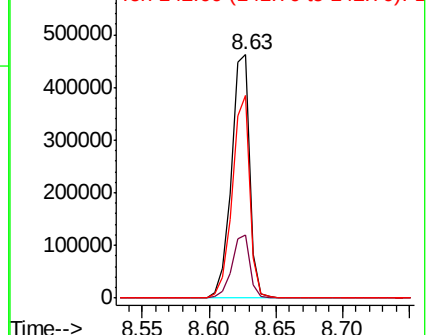
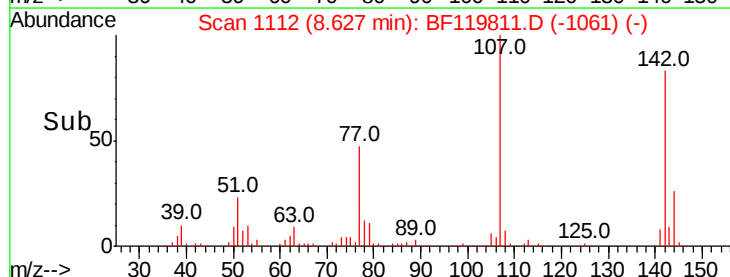
142 83.2 64.4 96.6

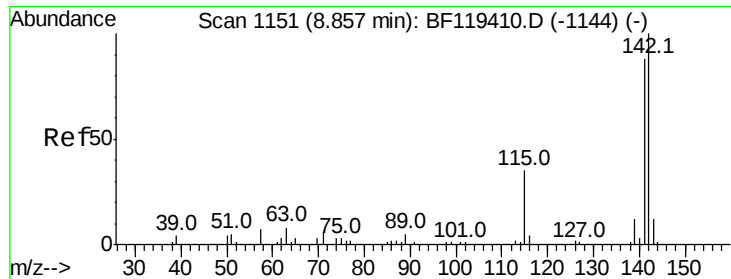


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

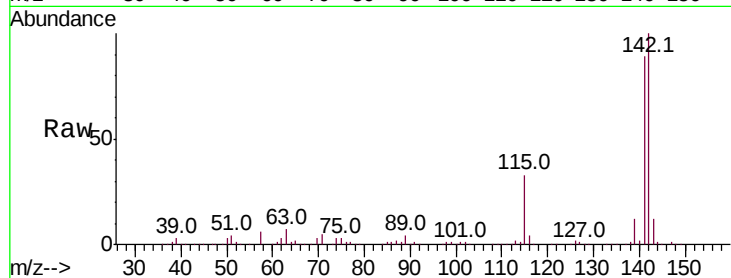




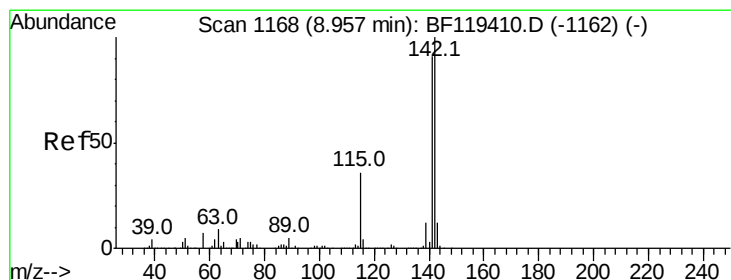
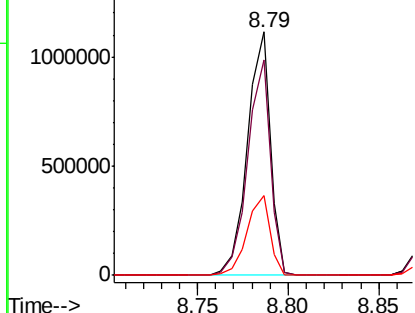
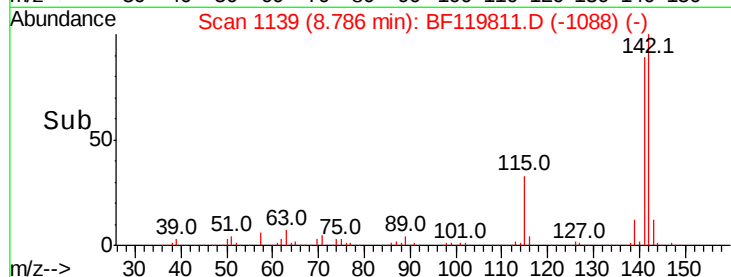
#37
2-Methylnaphthalene
Concen: 40.602 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 979048
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5
115 32.9 27.9 41.9

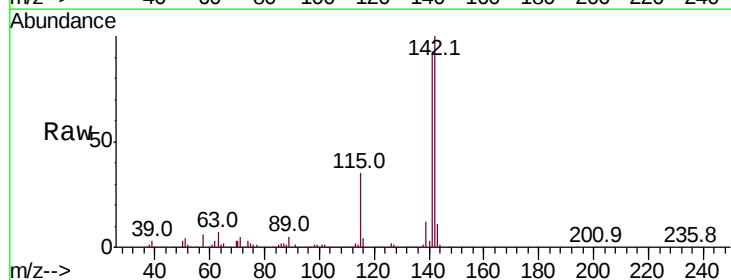


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

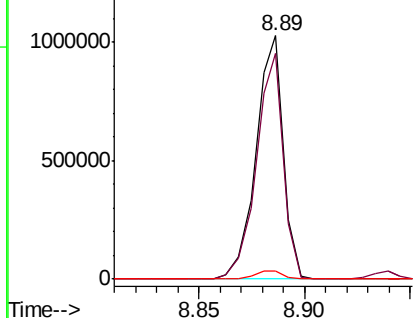
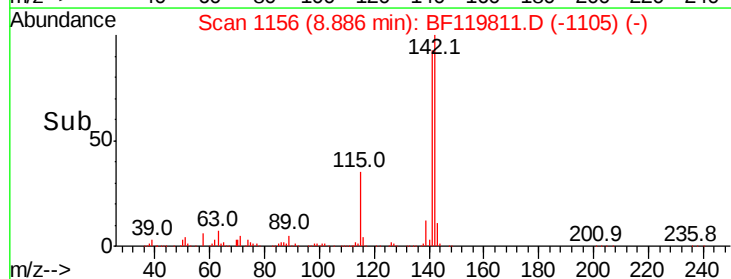


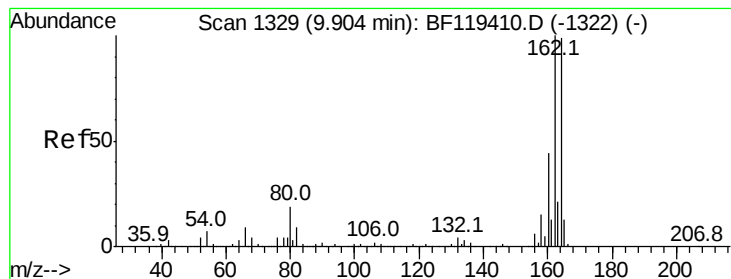
#38
1-Methylnaphthalene
Concen: 40.217 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:142 Resp: 917893
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5
116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
1000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

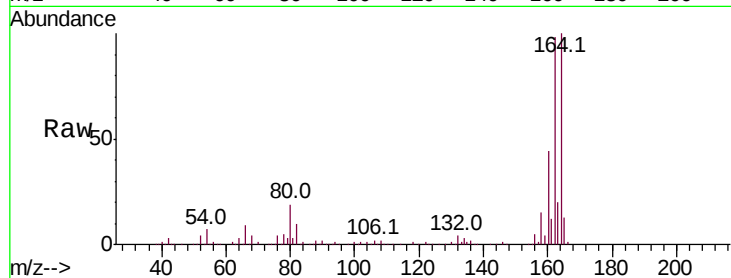
Tot Ion:164 Resp: 358979

Ion Ratio Lower Upper

164 100

162 97.8 80.6 121.0

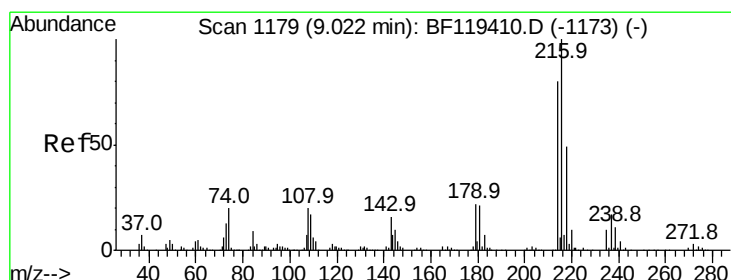
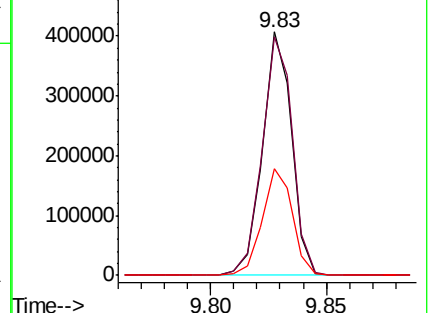
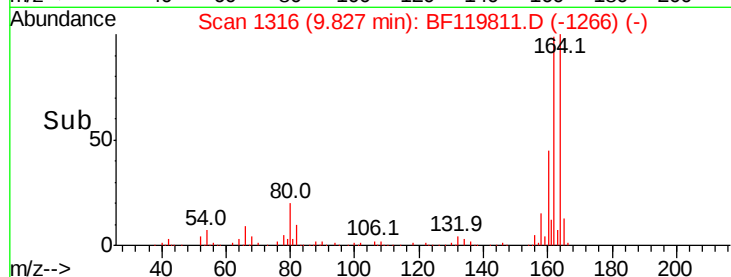
160 44.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.646 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion:216 Resp: 448724

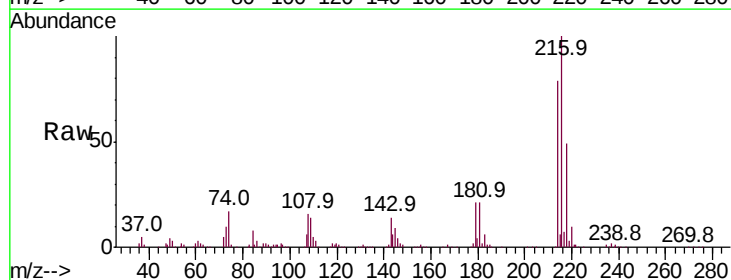
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 20.8 17.1 25.7

108 17.7 15.1 22.7

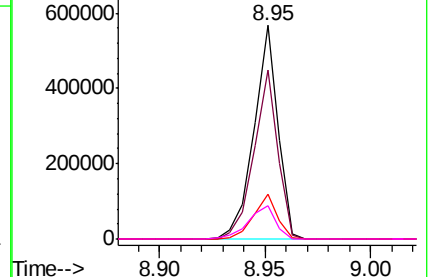
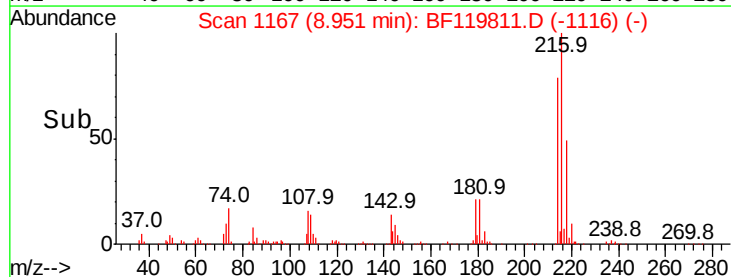


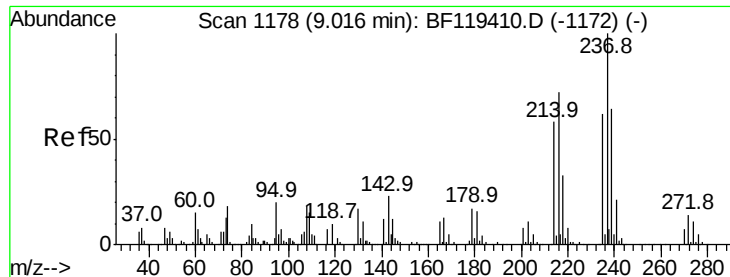
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.698 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

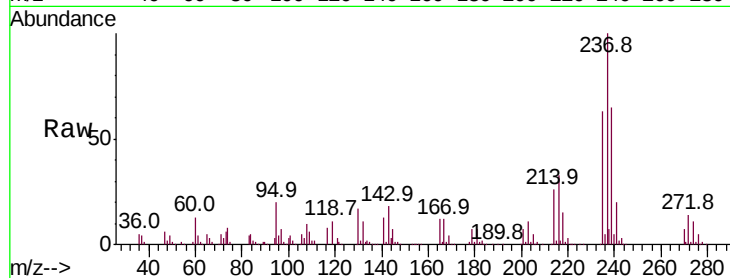
Tot Ion:237 Resp: 219522

Ion Ratio Lower Upper

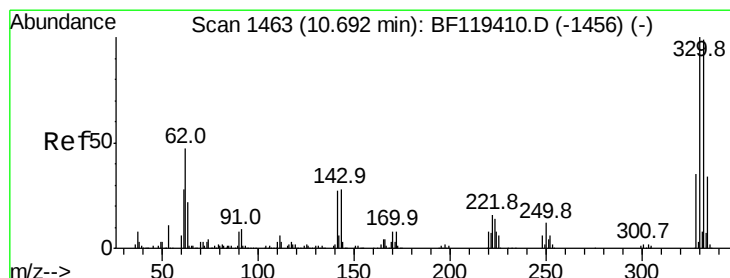
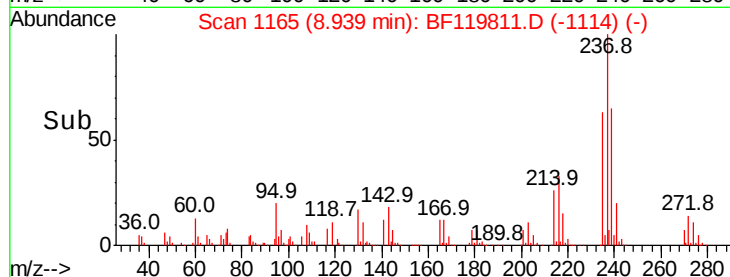
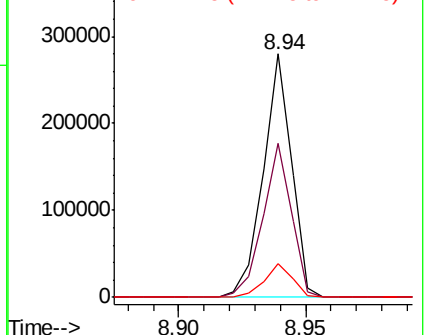
237 100

235 63.5 43.2 83.2

272 14.1 0.0 34.1



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: 91.214 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

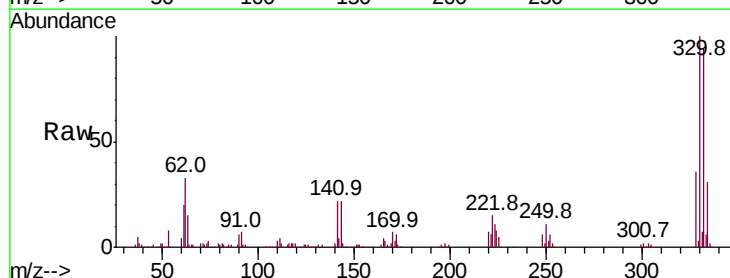
Tgt Ion:330 Resp: 337809

Ion Ratio Lower Upper

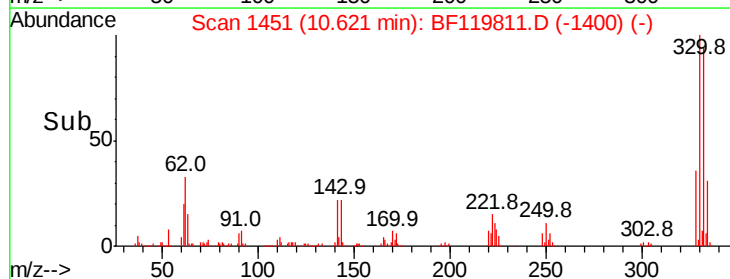
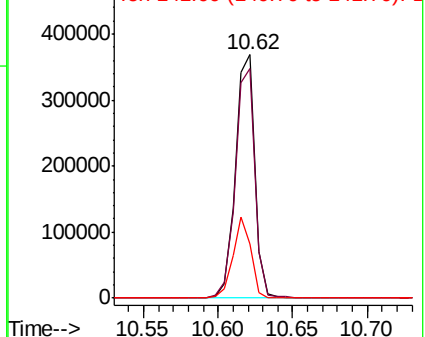
330 100

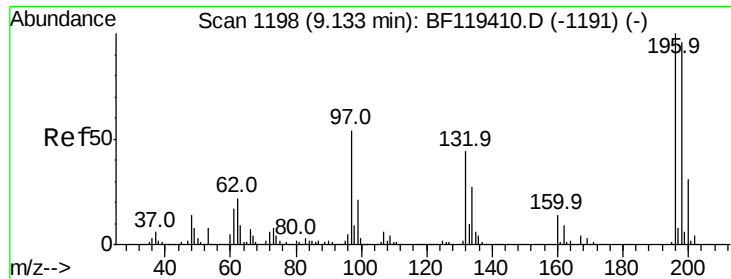
332 95.8 75.7 113.5

141 31.2 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

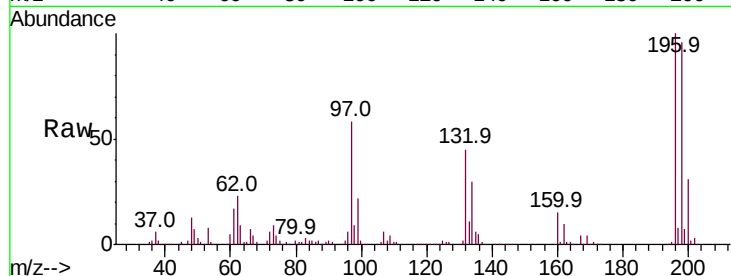




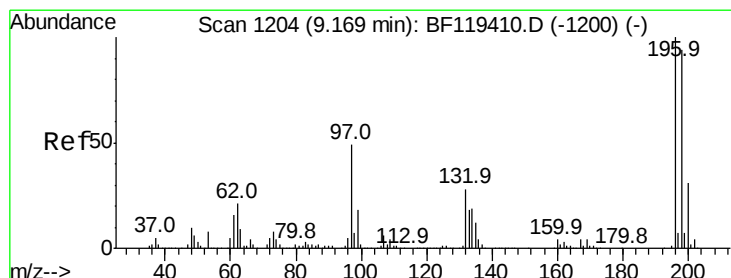
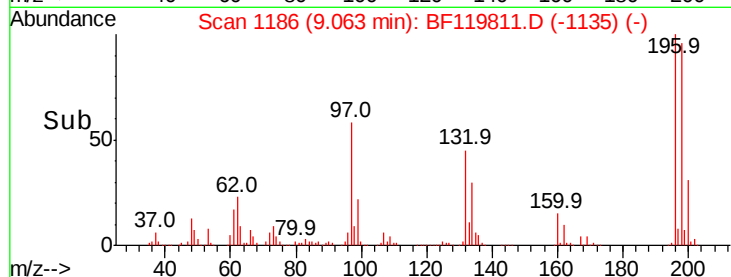
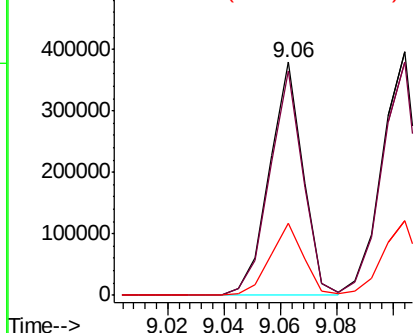
#43
 2,4,6-Trichlorophenol
 Concen: 41.518 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 312624
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 115.0
 200 30.8 24.6 36.8

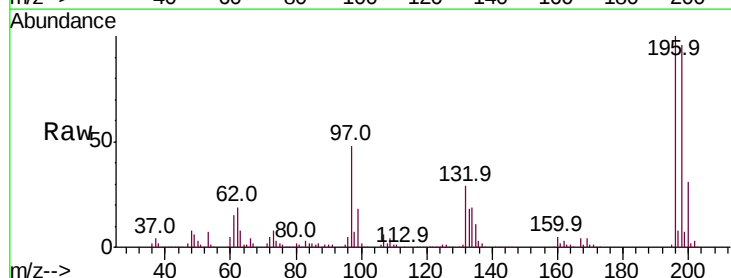


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

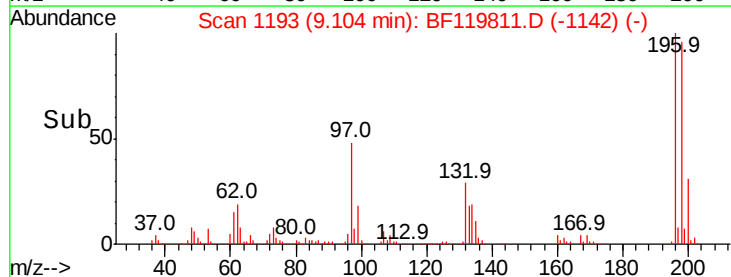
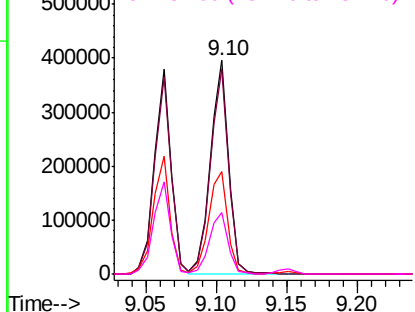


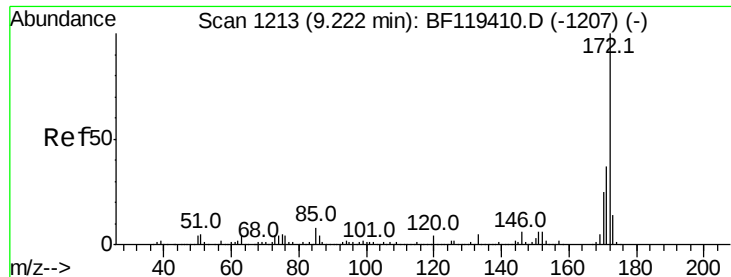
#44
 2,4,5-Trichlorophenol
 Concen: 41.686 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:196 Resp: 351628
 Ion Ratio Lower Upper
 196 100
 198 95.7 73.8 110.8
 97 47.8 42.6 63.8
 132 28.6 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

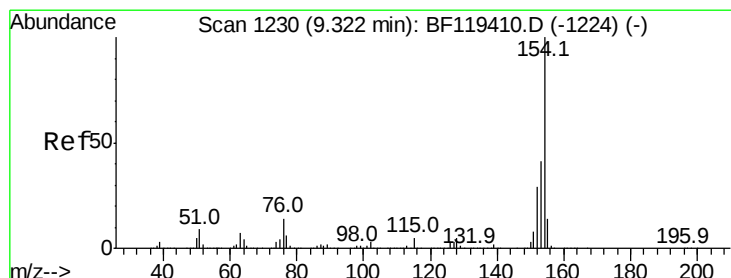
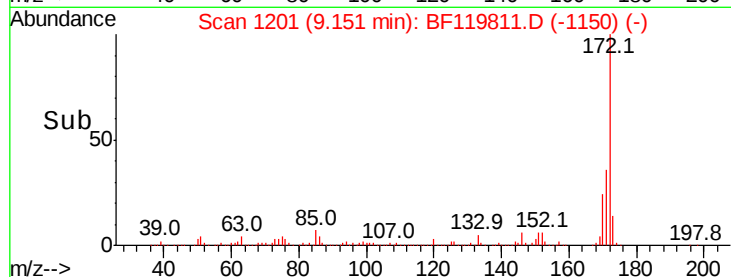
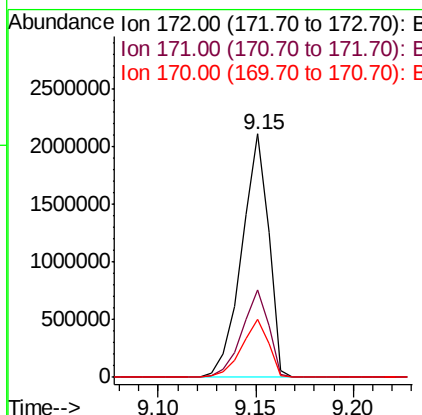
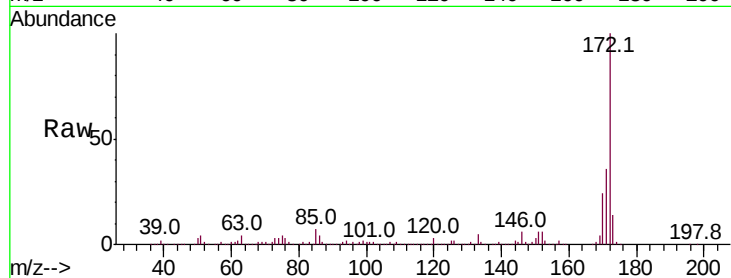




#45
2-Fluorobiphenyl
Concen: 83.145 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

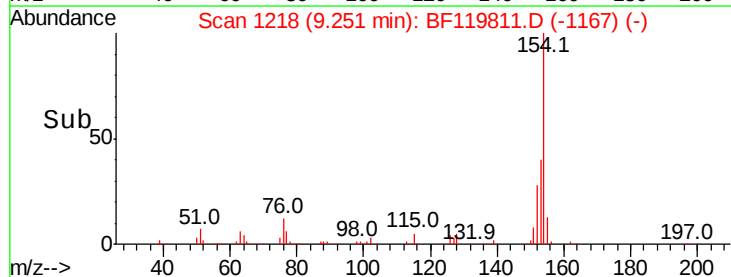
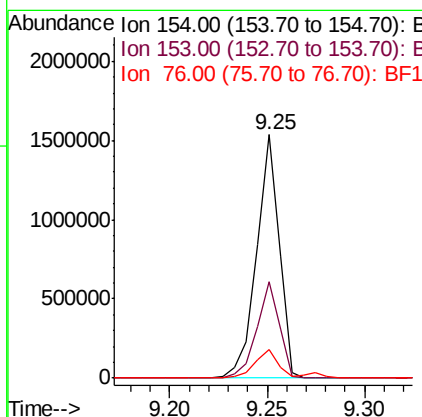
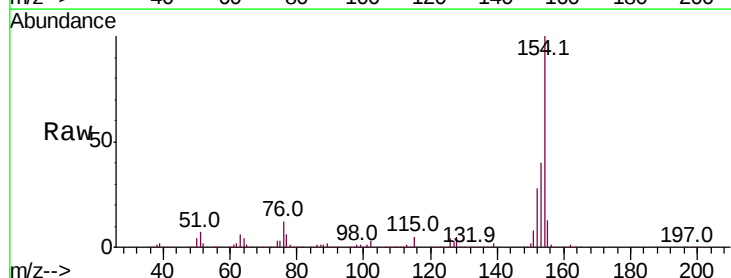
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

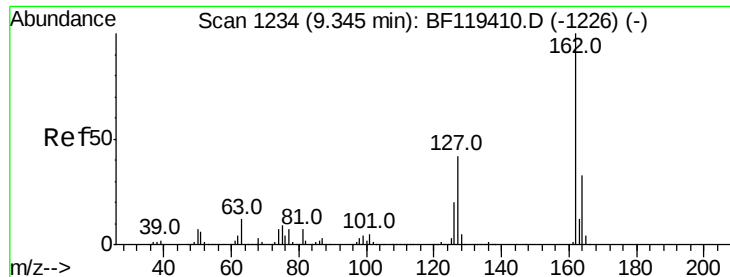
Tot Ion:172 Resp: 2014711
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.234 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:154 Resp: 1234798
Ion Ratio Lower Upper
154 100
153 39.5 21.4 61.4
76 11.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 41.101 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

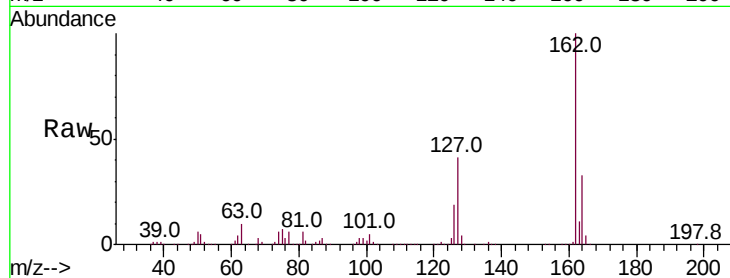
Tot Ion:162 Resp: 941272

Ion Ratio Lower Upper

162 100

127 40.9 33.7 50.5

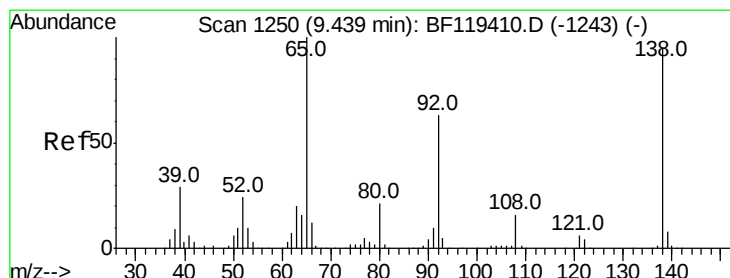
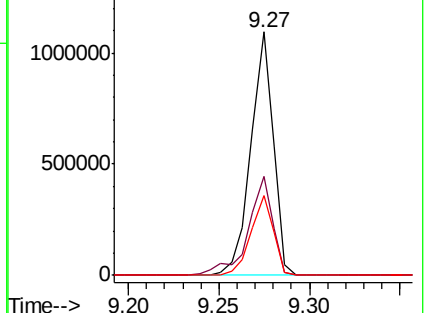
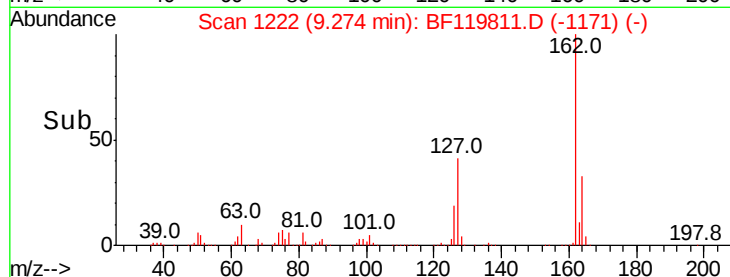
164 32.7 26.3 39.5



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: 42.064 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

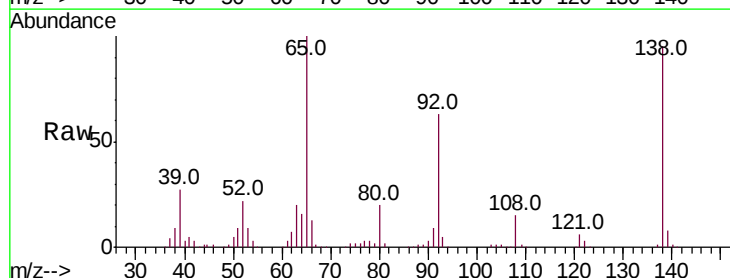
Tgt Ion: 65 Resp: 332509

Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

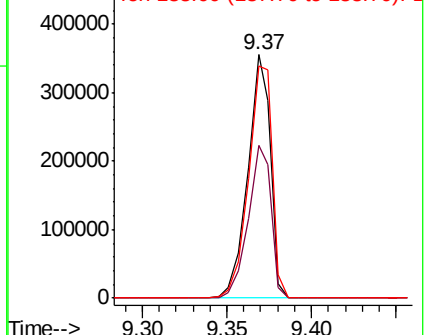
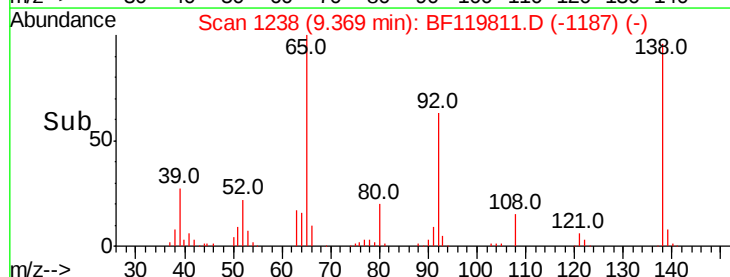
138 95.3 75.0 112.4

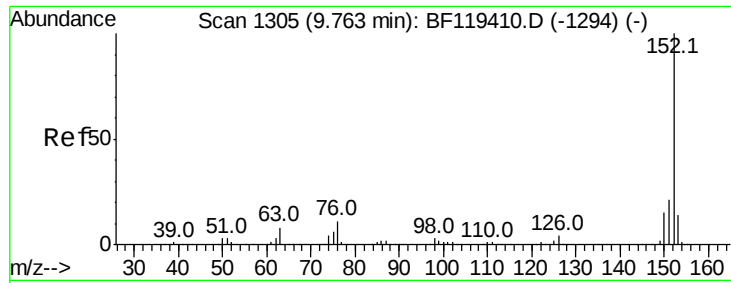


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.390 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

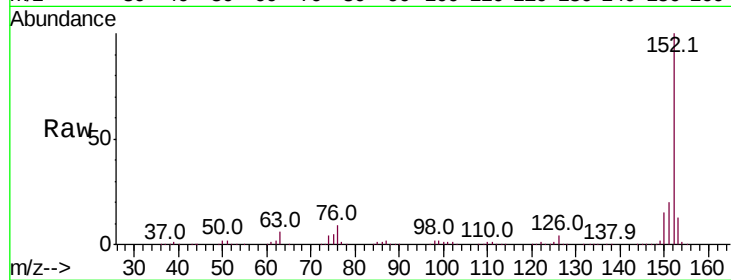
Tot Ion:152 Resp: 1452591

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

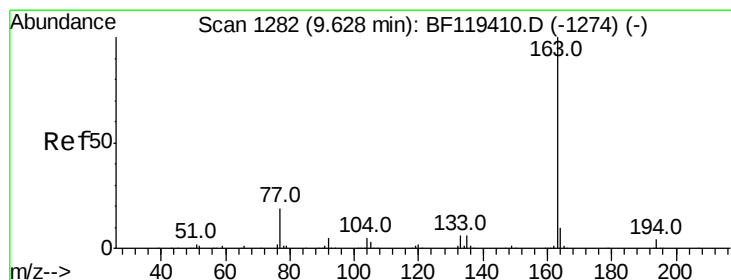
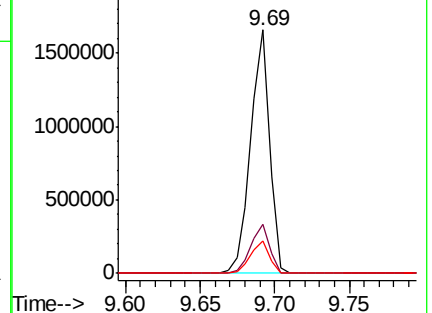
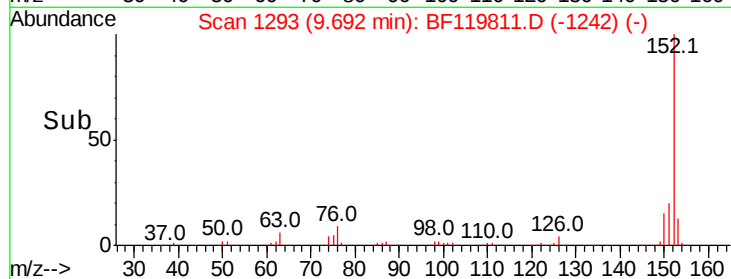
153 13.3 11.2 16.8



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: 41.003 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

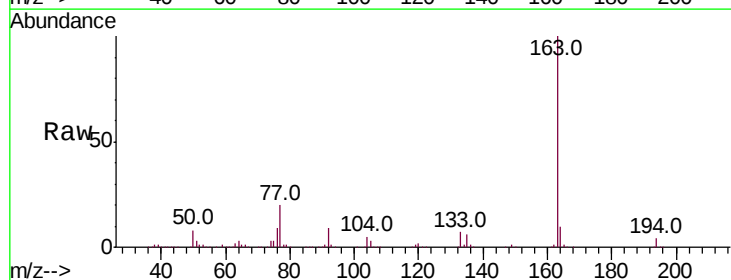
Tgt Ion:163 Resp: 1045511

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

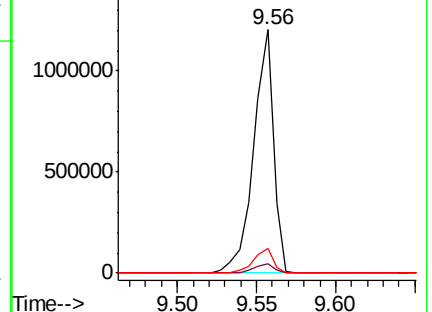
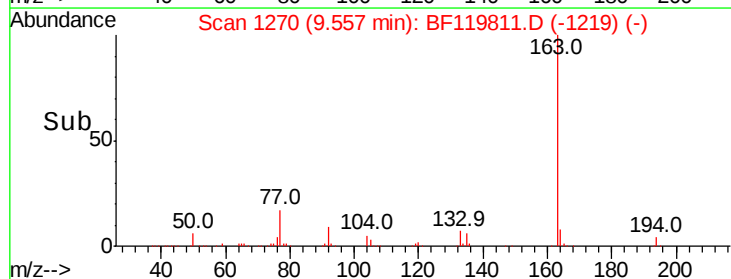
164 9.9 8.2 12.2

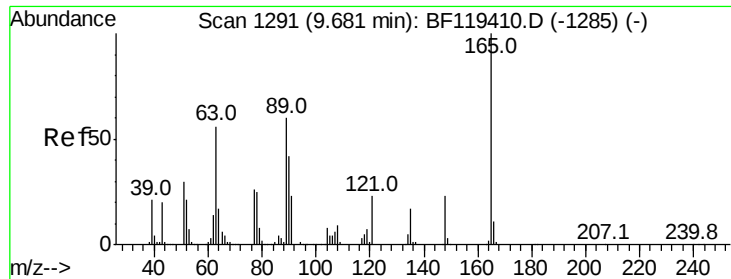


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

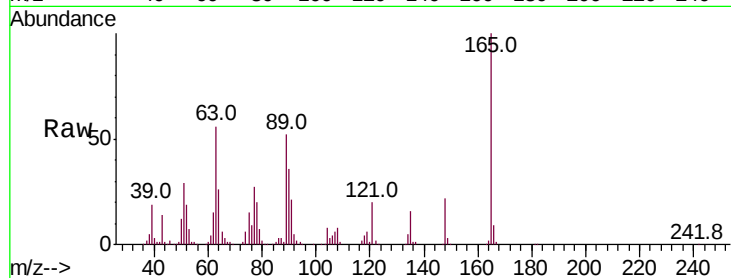




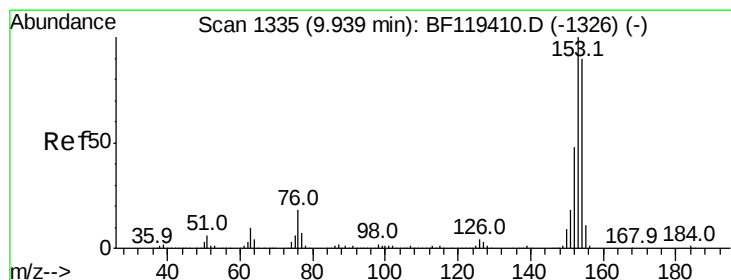
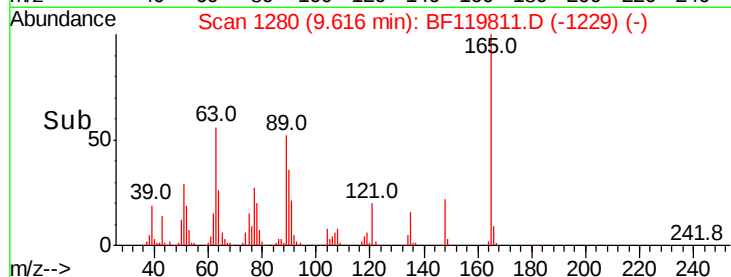
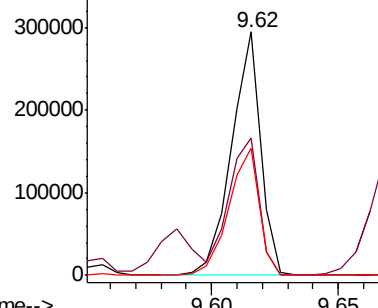
#51
2,6-Dinitrotoluene
Concen: 43.617 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	45.0	67.4
89	52.5	41.5	62.3

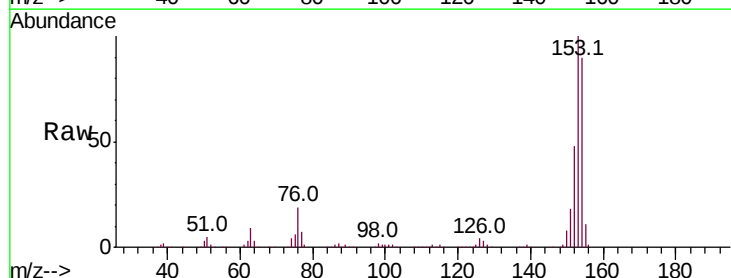


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

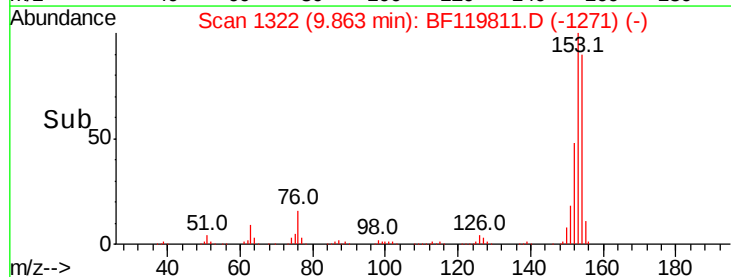
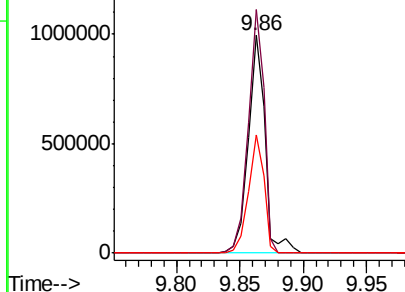


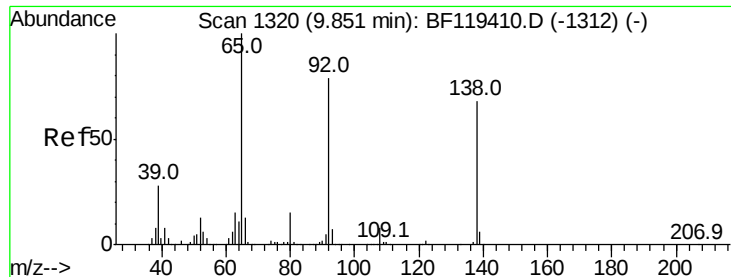
#52
Acenaphthene
Concen: 40.681 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.1	132.1
152	54.0	43.0	64.4



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

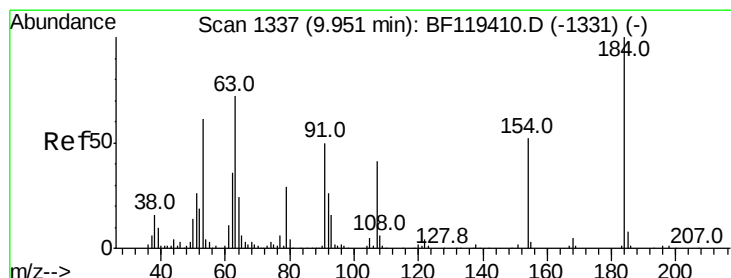
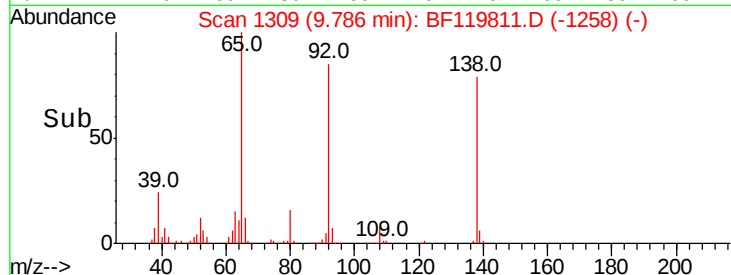
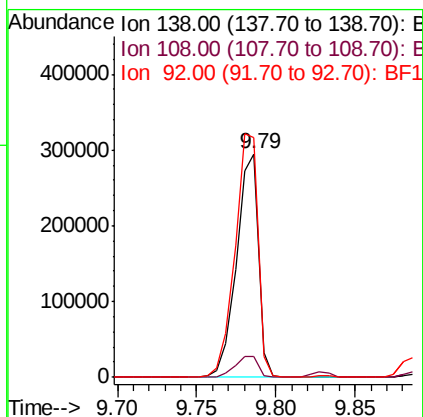
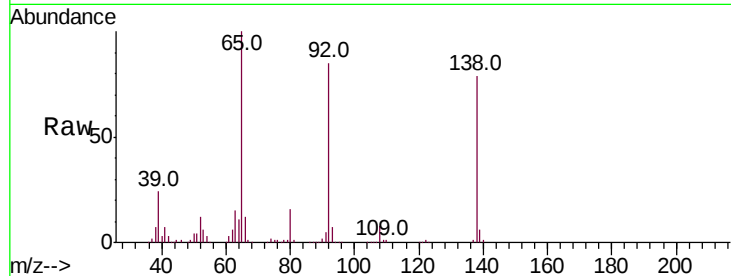




#53
3-Nitroaniline
Concen: 41.051 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

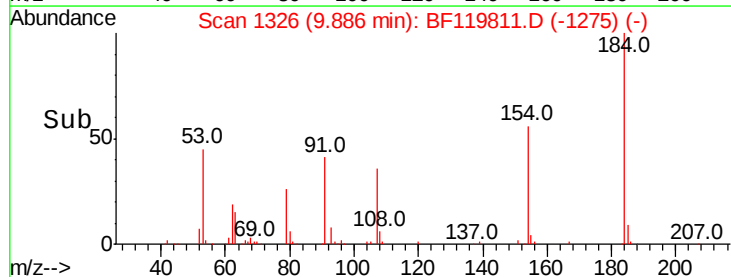
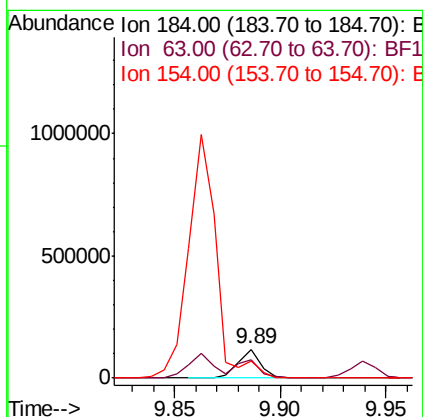
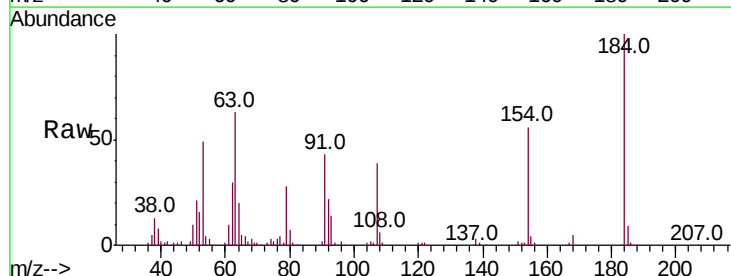
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

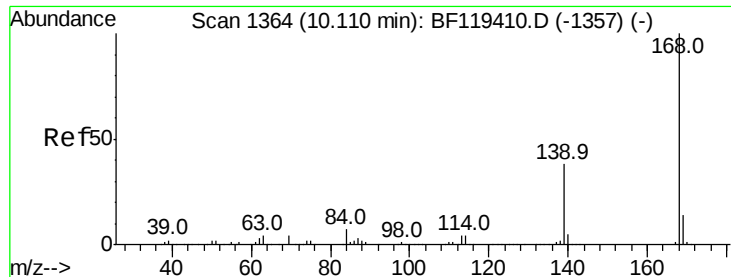
Tot Ion:138 Resp: 283251
Ion Ratio Lower Upper
138 100
108 9.6 8.6 13.0
92 107.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 42.058 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:184 Resp: 90490
Ion Ratio Lower Upper
184 100
63 62.8 50.2 75.4
154 56.4 44.5 66.7



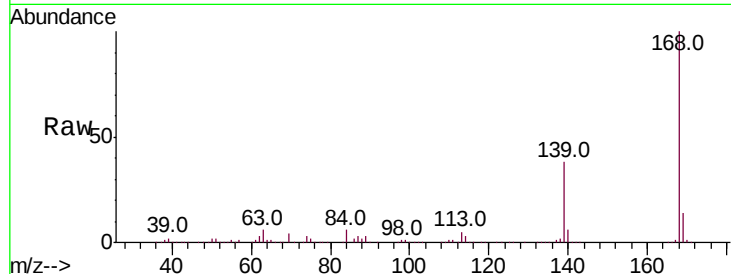


#55
Dibenzenofuran
Concen: 40.526 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

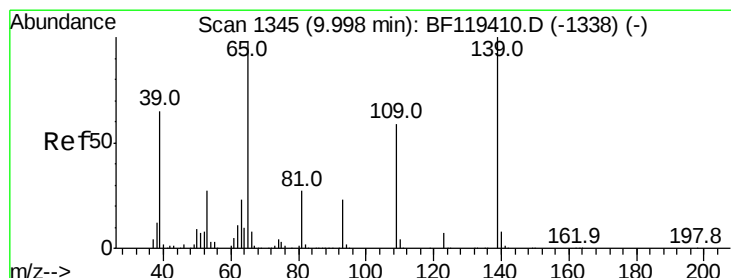
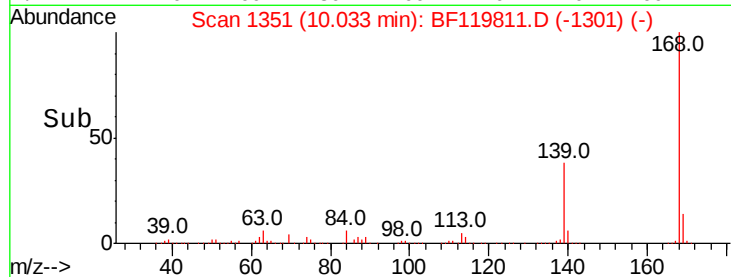
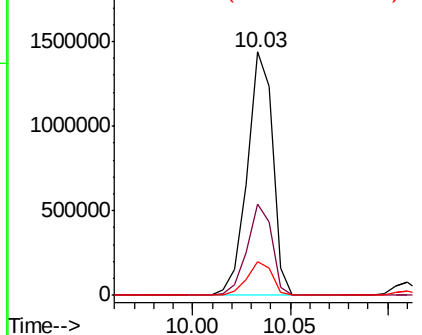
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1302722

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	14.0	11.0	16.6



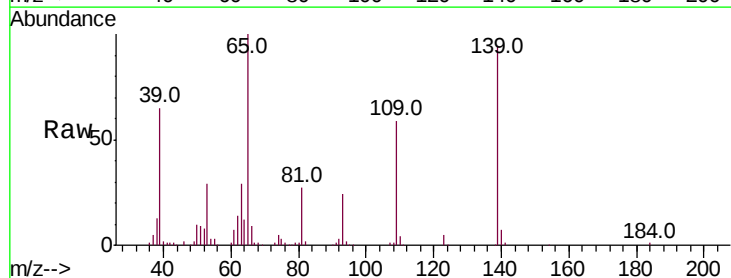
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



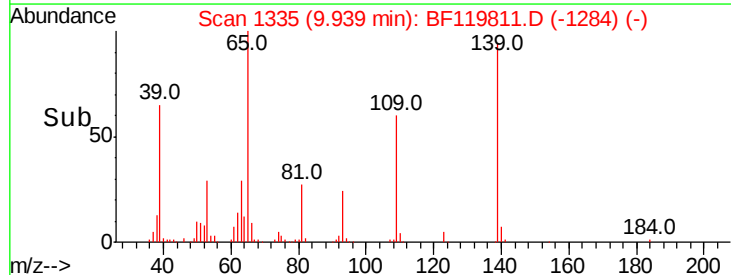
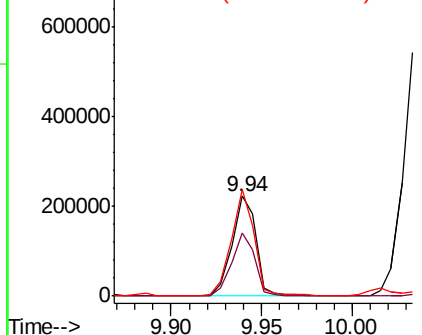
#56
4-Nitrophenol
Concen: 37.694 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

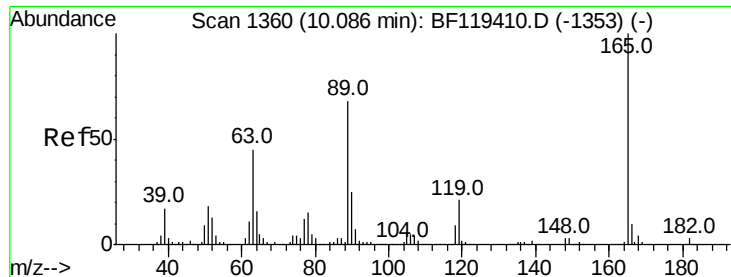
Tgt Ion:139 Resp: 205175

Ion	Ratio	Lower	Upper
139	100		
109	63.3	43.3	83.3
65	106.4	91.0	131.0



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

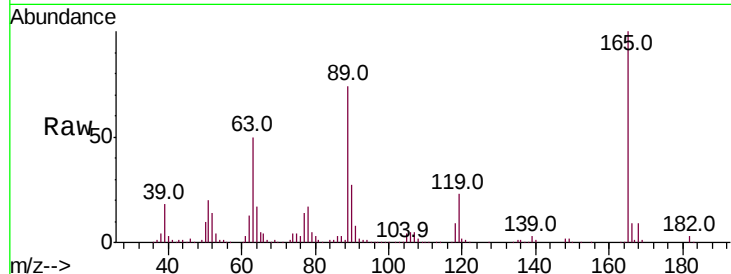




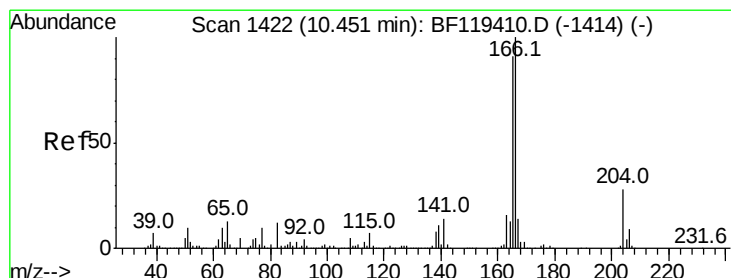
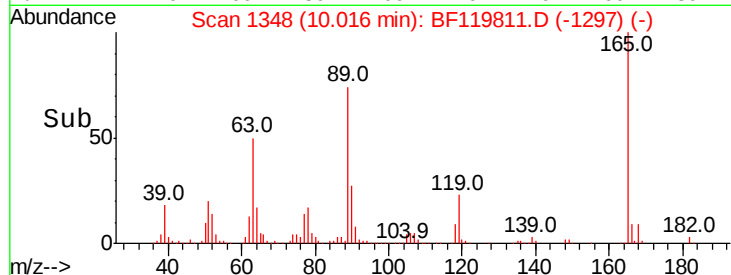
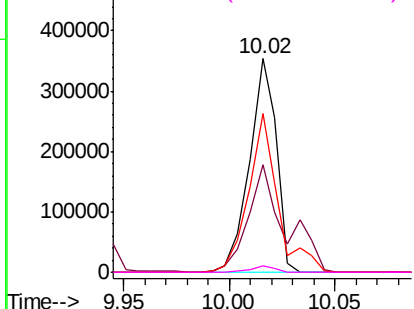
#57
 2,4-Dinitrotoluene
 Concen: 45.737 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	314898
Ion	Ratio	Lower	Upper
165	100		
63	50.1	42.6	64.0
89	74.4	61.0	91.4
182	2.8	2.2	3.2

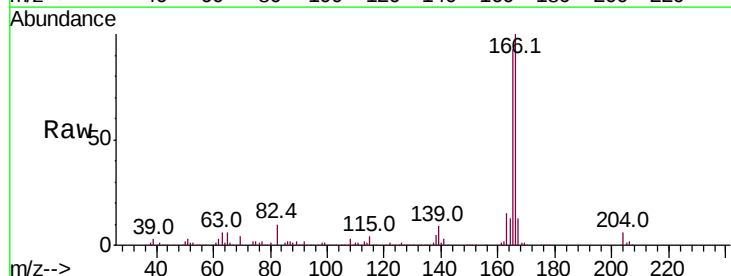


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

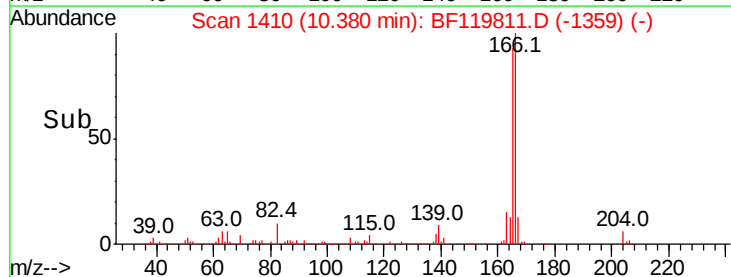
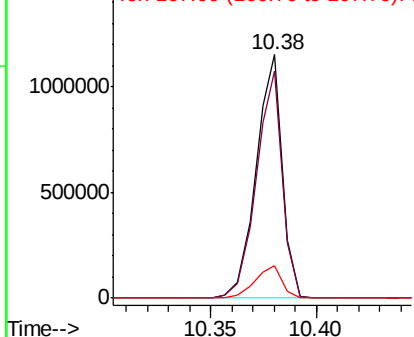


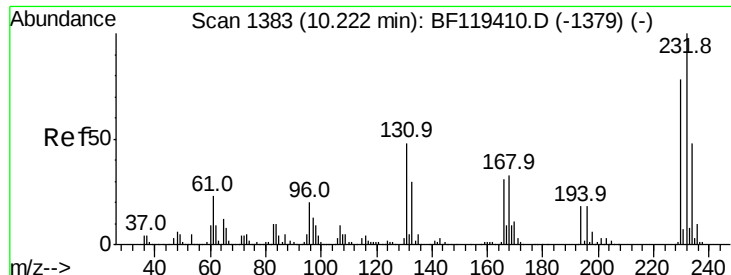
#58
 Fluorene
 Concen: 41.549 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:	166	Resp:	987665
Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.2
167	13.4	11.2	16.8



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

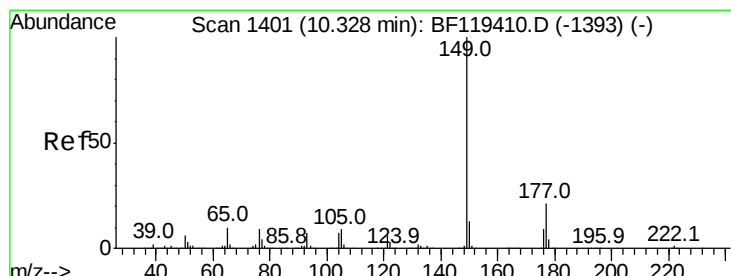
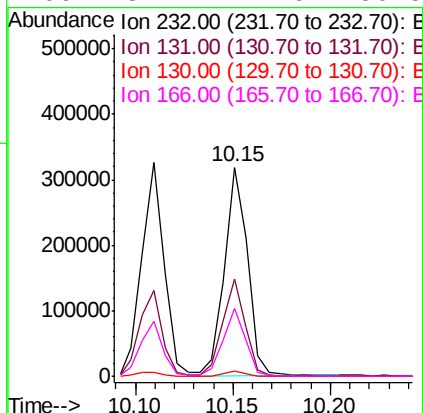
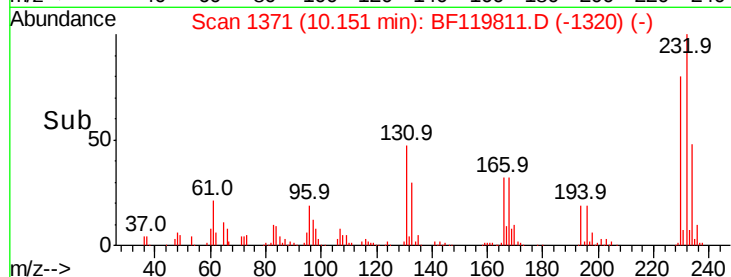
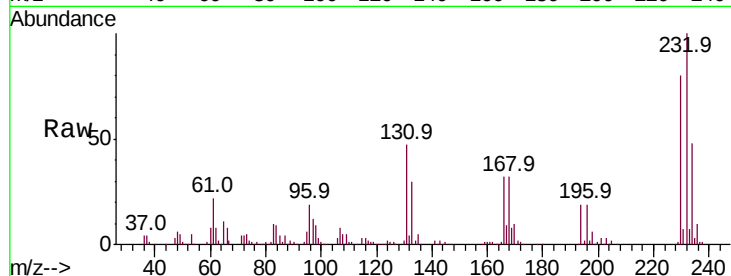




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.523 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

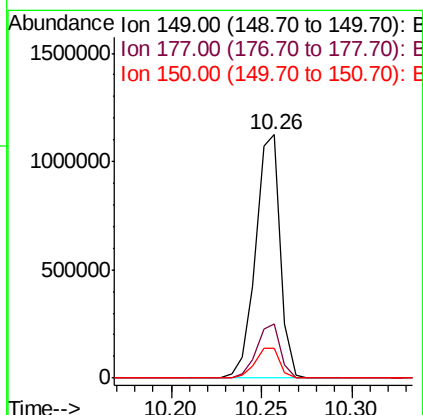
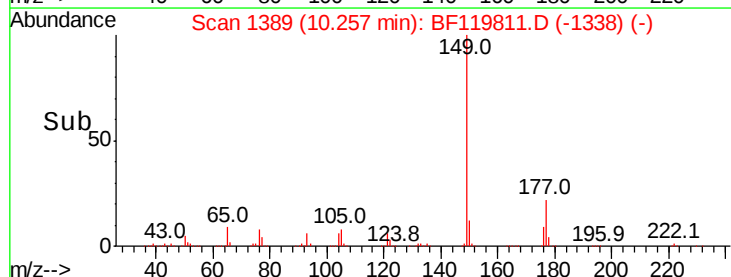
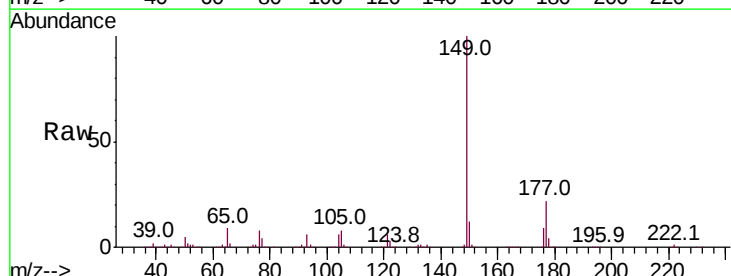
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

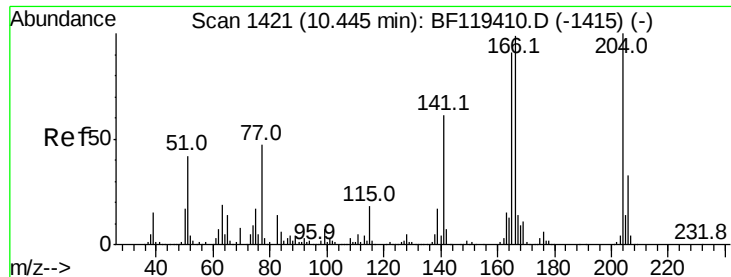
Tot Ion:	232	Resp:	261809
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.5	56.3
130	2.1	1.8	2.6
166	31.4	24.6	36.8



#60
 Diethylphthalate
 Concen: 41.002 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:	149	Resp:	1061114
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.1	10.1	15.1

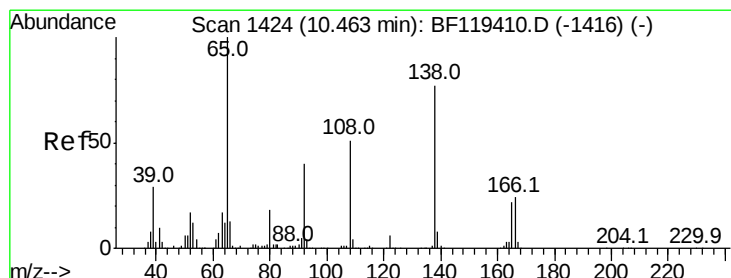
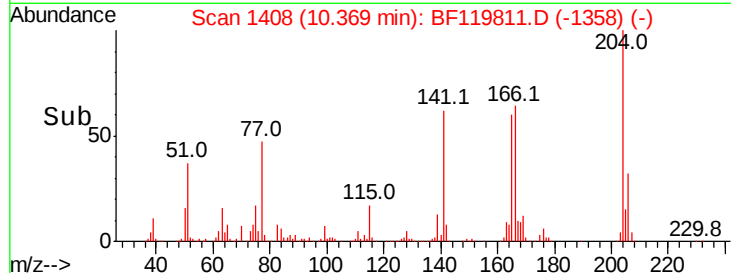
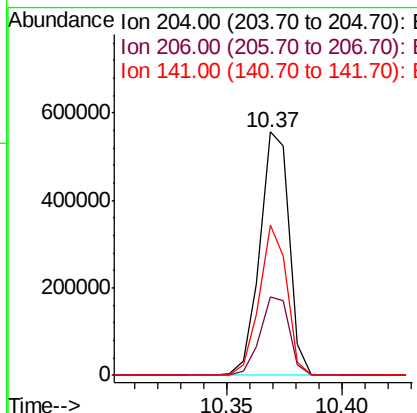
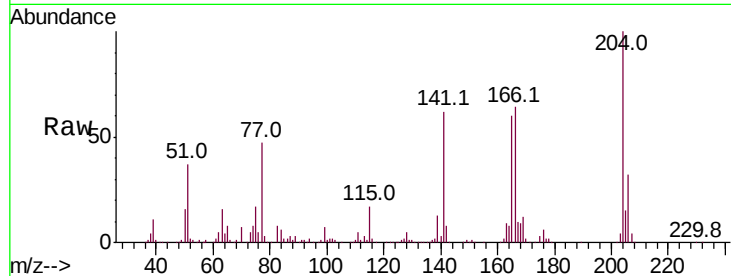




#61
 4-Chlorophenyl-phenylether
 Concen: 42.550 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

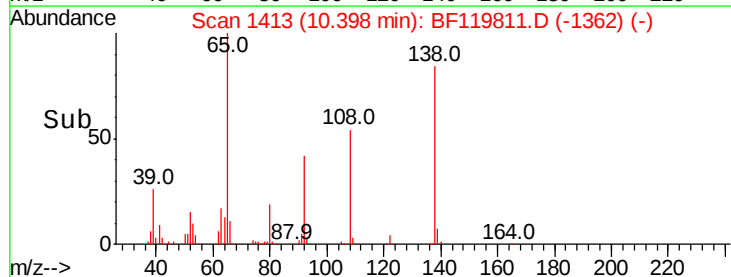
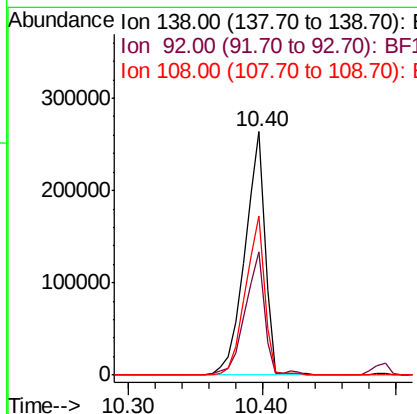
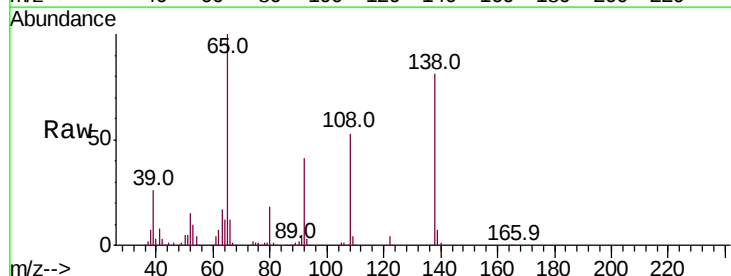
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

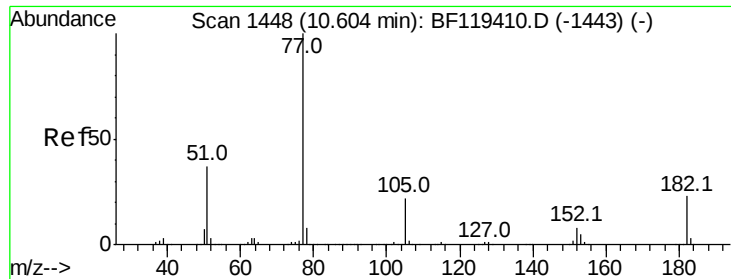
Tot Ion:	204	Resp:	494620
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.7	40.1
141	61.6	47.3	70.9



#62
 4-Nitroaniline
 Concen: 41.351 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:	138	Resp:	273606
Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.5	71.5
108	65.6	45.8	85.8





#63

Azobenzene

Concen: 39.030 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1017157

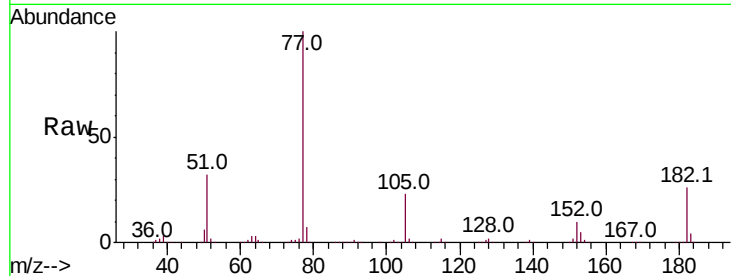
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 23.1 2.6 42.6

51 32.3 15.1 55.1

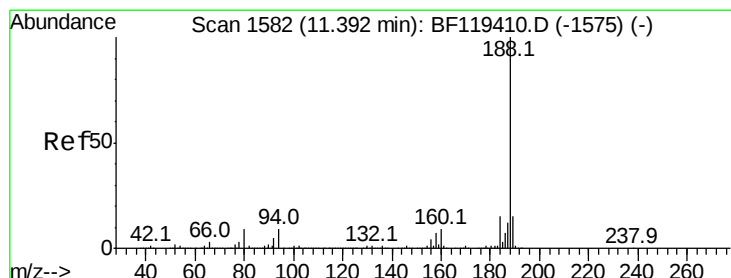
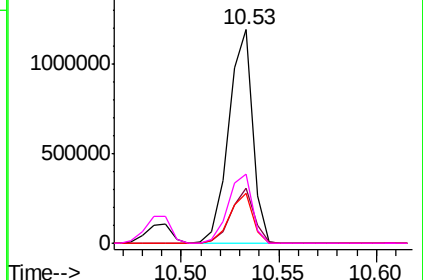
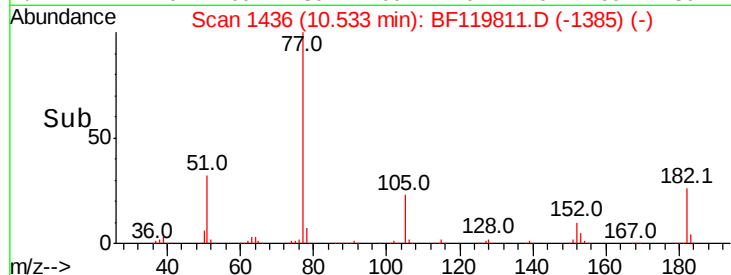


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

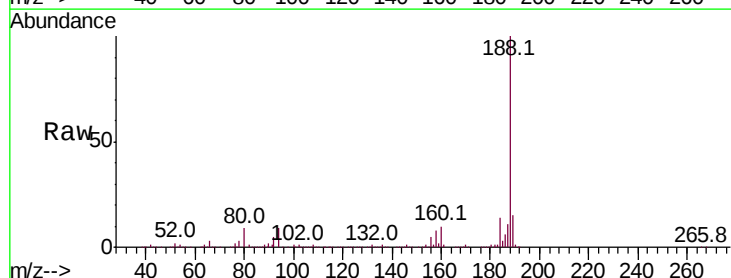
Tgt Ion: 188 Resp: 677110

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

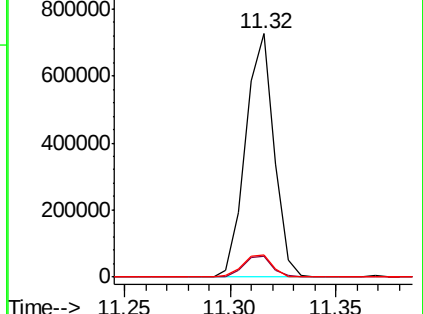
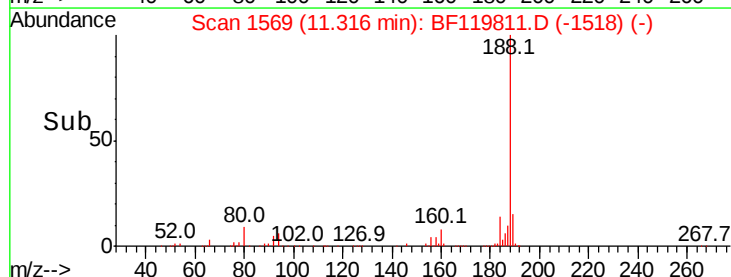
80 8.9 9.0 13.4#

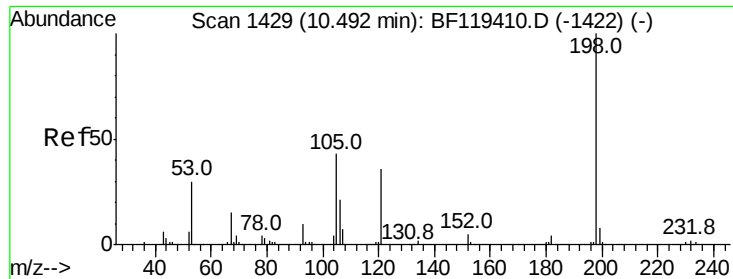


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.688 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

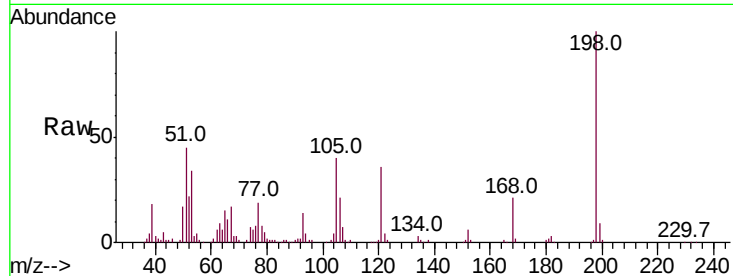
Tot Ion:198 Resp: 143920

Ion Ratio Lower Upper

198 100

51 45.4 29.0 69.0

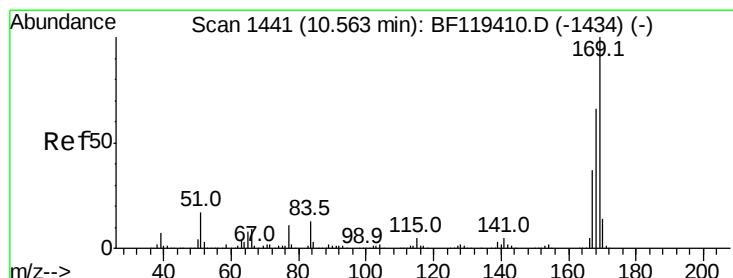
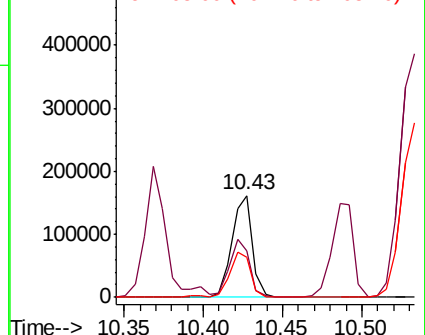
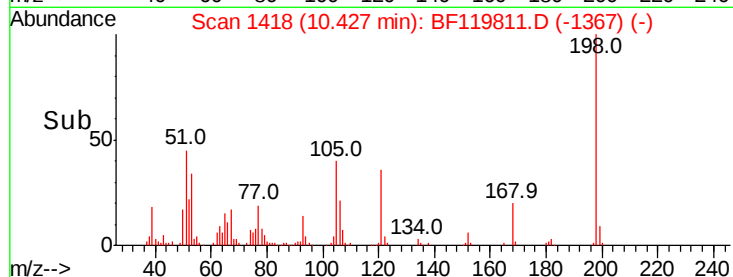
105 39.6 22.2 62.2



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: 39.890 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

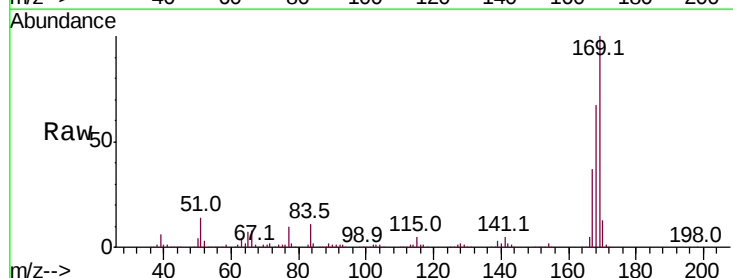
Tgt Ion:169 Resp: 886693

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

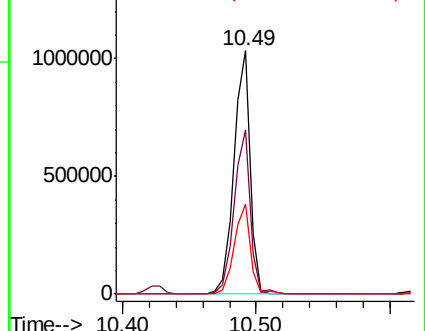
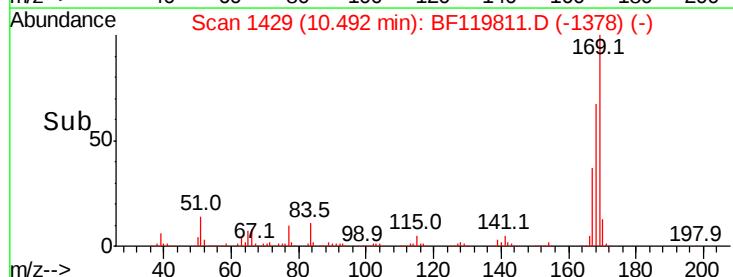
167 37.1 29.1 43.7

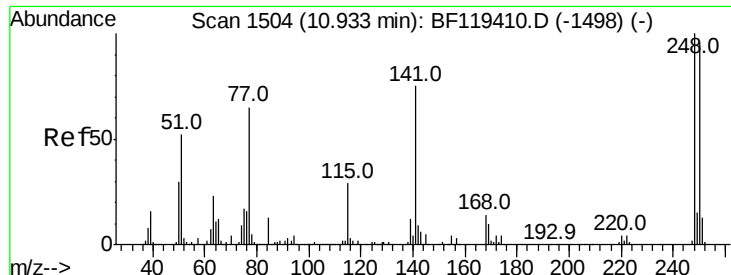


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

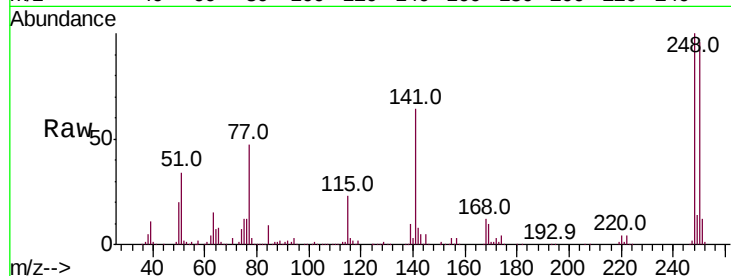




#67
4-Bromophenyl-phenylether
Concen: 42.240 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.3	115.9
141	64.4	58.6	87.8

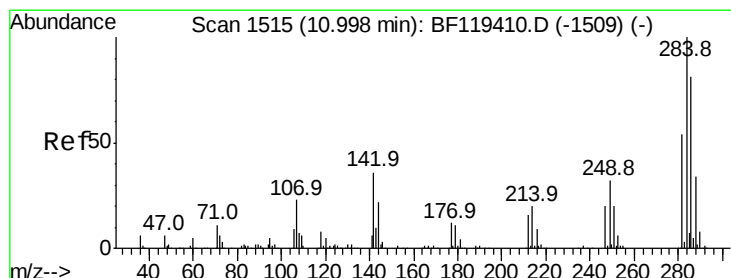
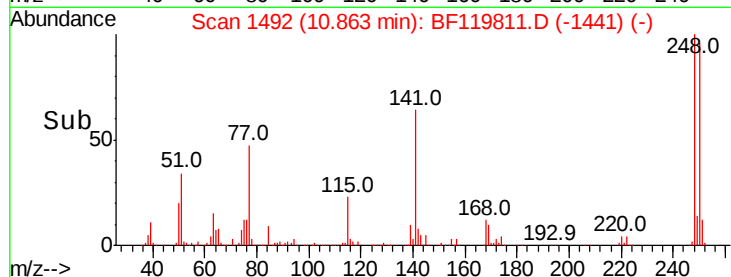
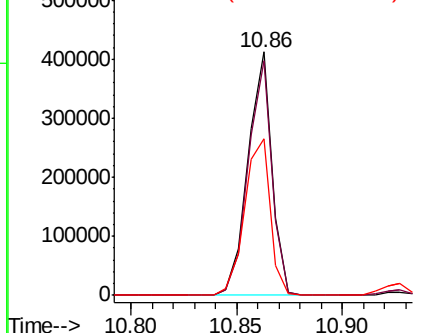


Abundance

Ion 248.00 (247.70 to 248.70): E

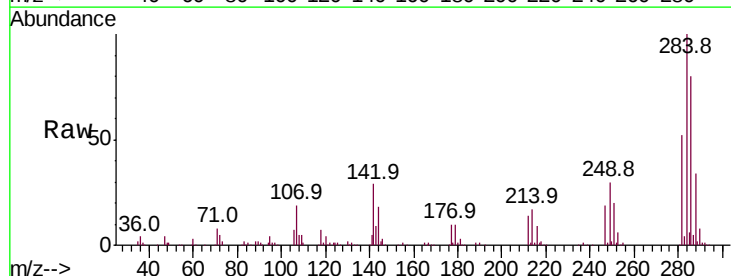
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.181 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	29.2	43.8
249	30.2	25.1	37.7

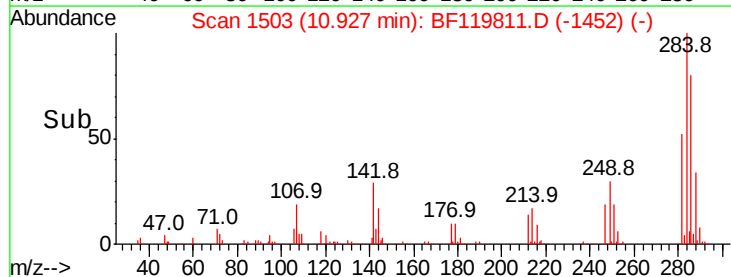
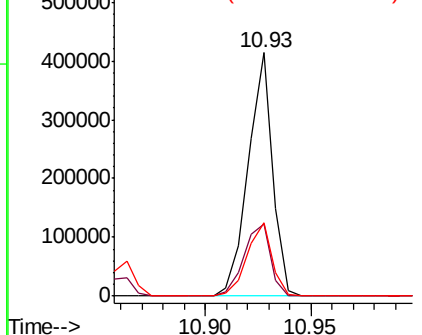


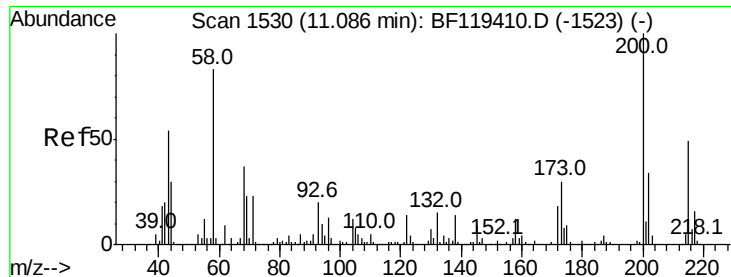
Abundance

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

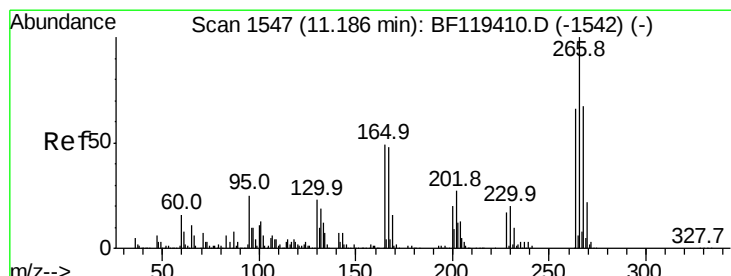
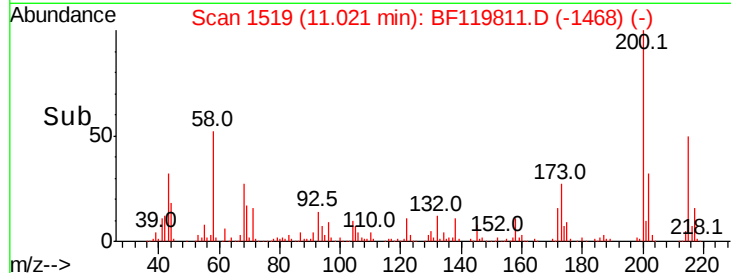
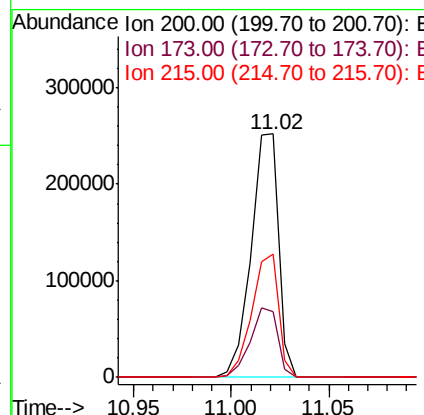
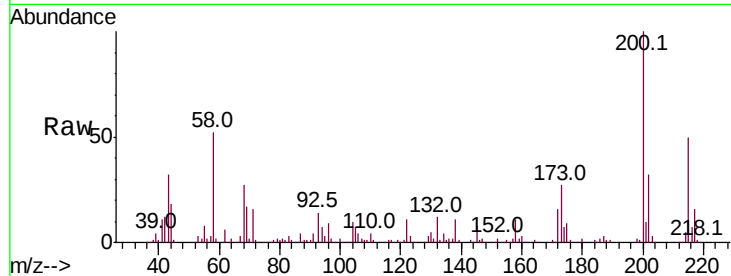




#69
Atrazine
Concen: 40.480 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

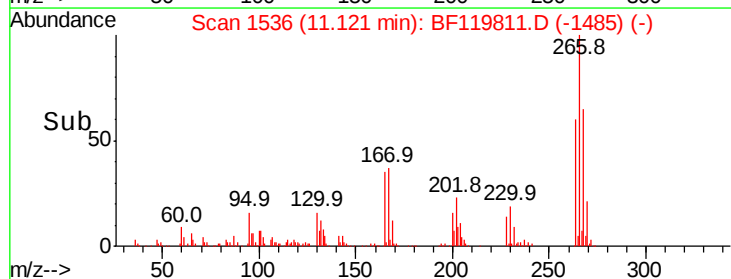
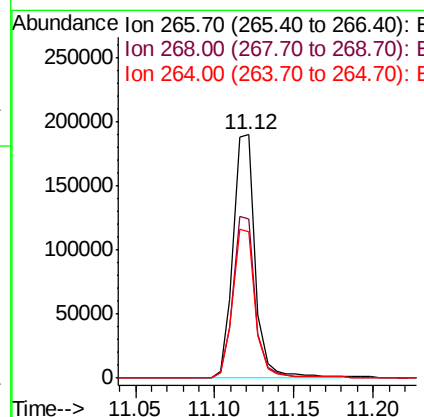
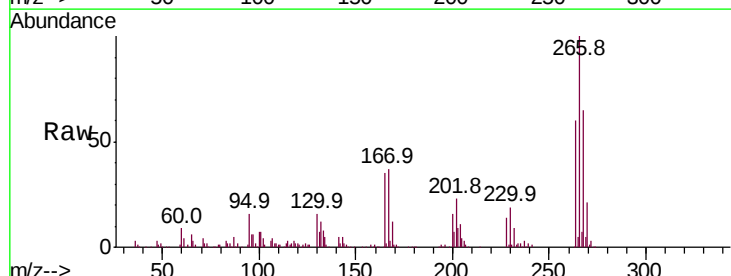
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

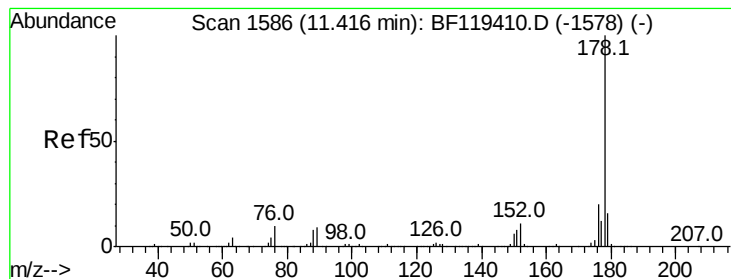
Tot Ion:200 Resp: 246681
Ion Ratio Lower Upper
200 100
173 26.8 9.3 49.3
215 50.5 29.5 69.5



#70
Pentachlorophenol
Concen: 39.961 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:266 Resp: 184933
Ion Ratio Lower Upper
266 100
268 65.4 53.3 79.9
264 60.1 49.0 73.4





#71

Phenanthrene

Concen: 40.183 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

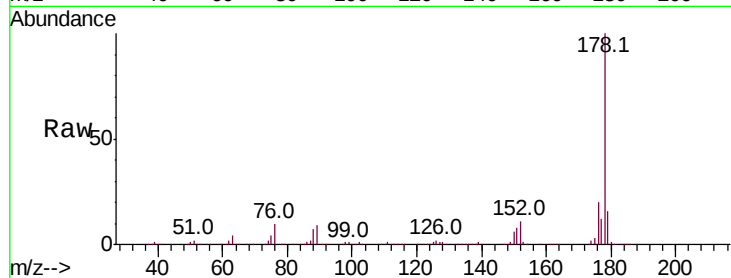
Tot Ion:178 Resp: 1410821

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

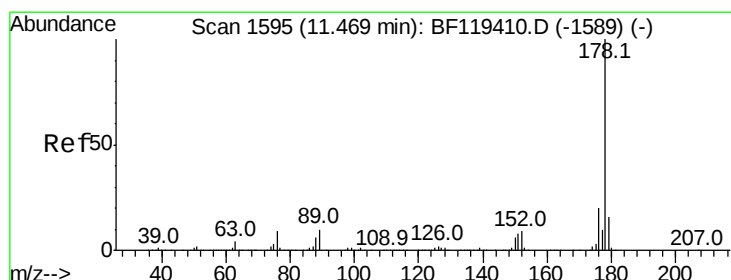
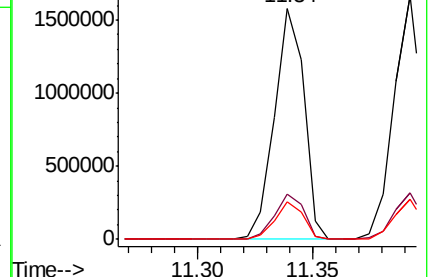
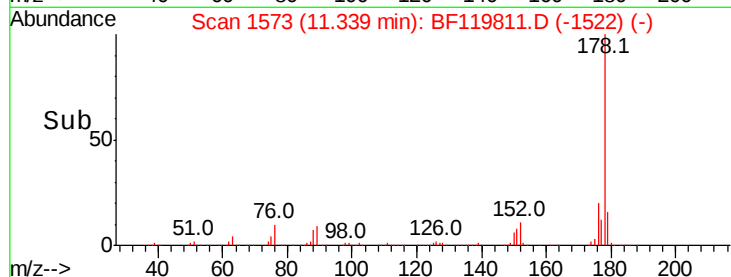
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.170 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

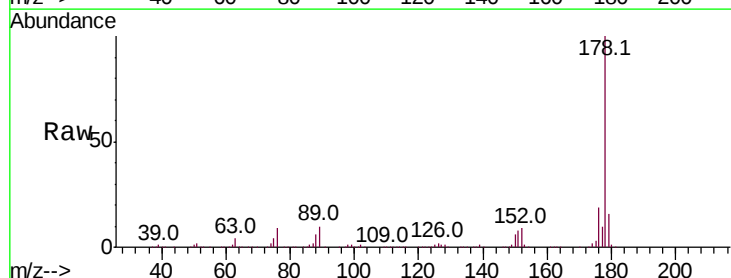
Tgt Ion:178 Resp: 1433403

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

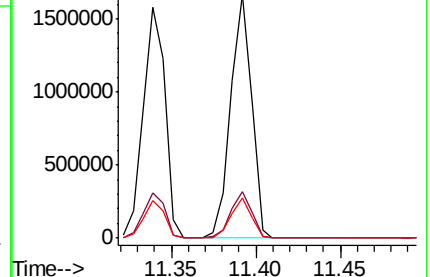
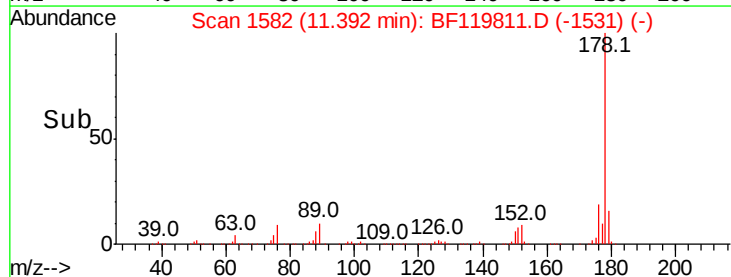
179 16.3 13.0 19.4

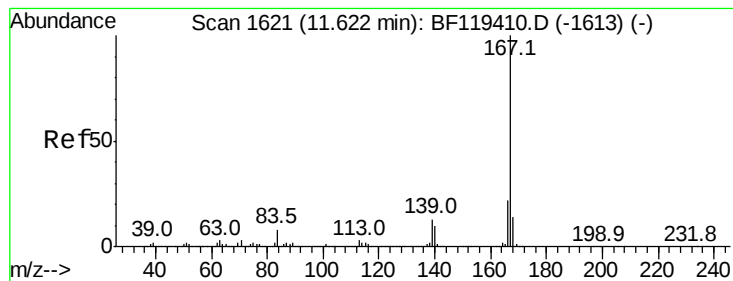


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.308 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

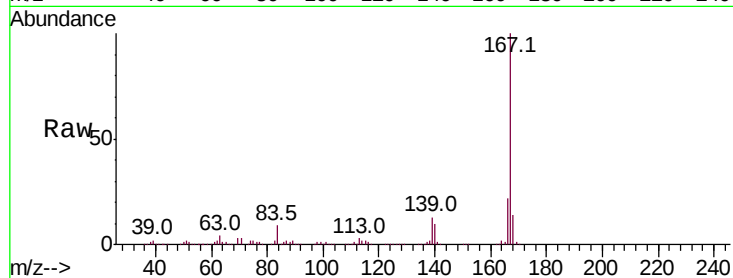
Tot Ion:167 Resp: 1388369

Ion Ratio Lower Upper

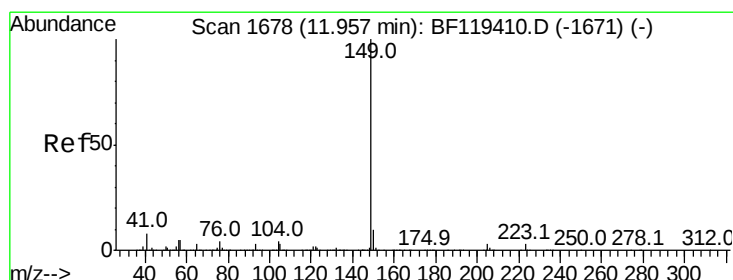
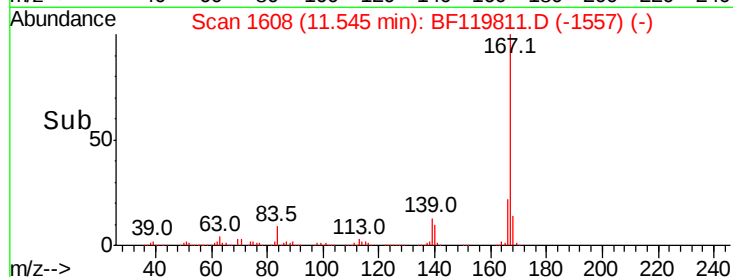
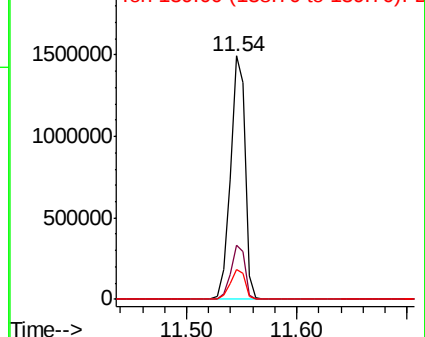
167 100

166 22.3 18.2 27.4

139 12.5 10.7 16.1



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



#74

Di-n-butylphthalate

Concen: 42.822 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

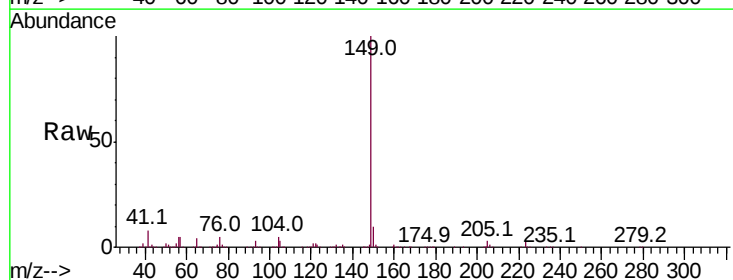
Tgt Ion:149 Resp: 1617939

Ion Ratio Lower Upper

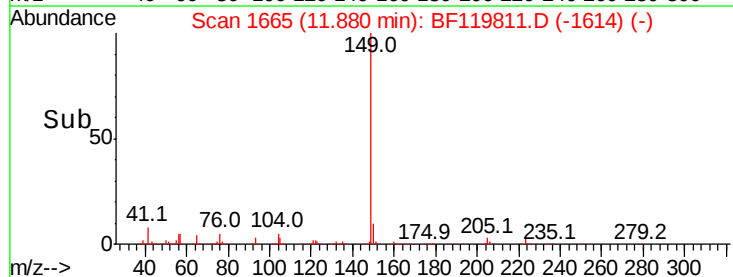
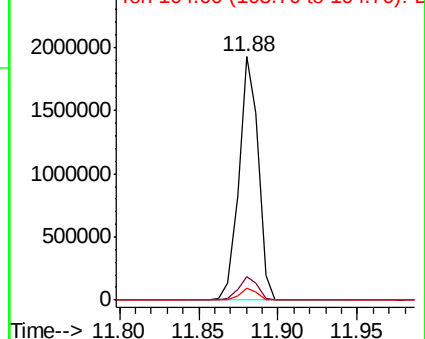
149 100

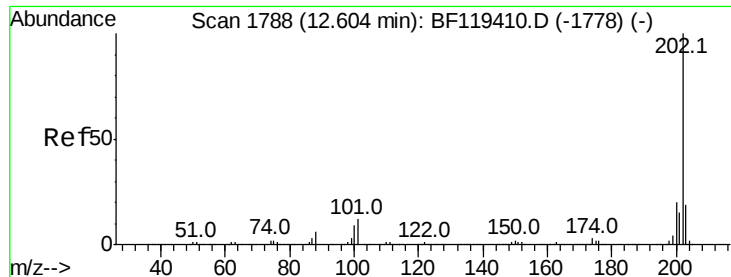
150 9.7 7.8 11.8

104 4.8 3.6 5.4



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

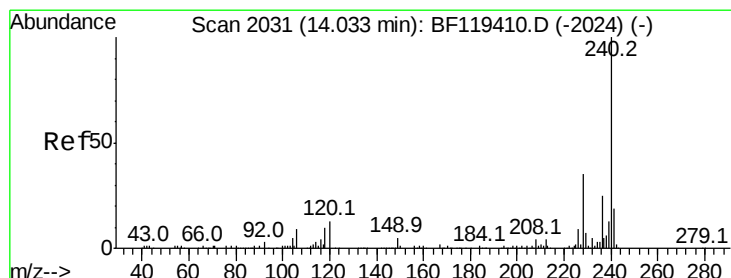
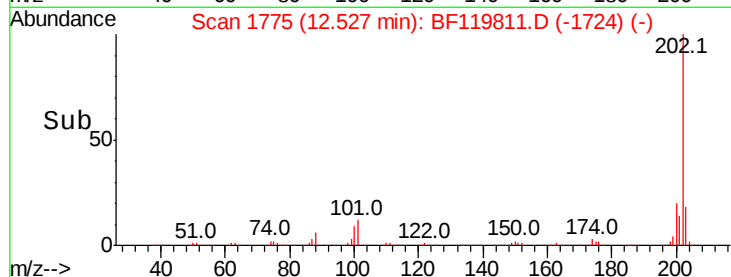
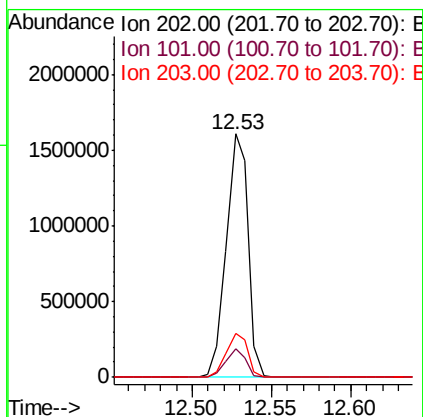
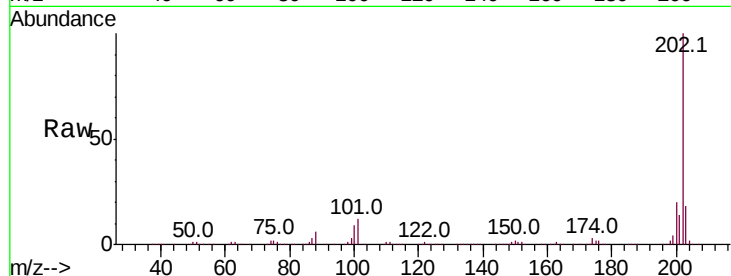




#75
 Fluoranthene
 Concen: 40.044 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

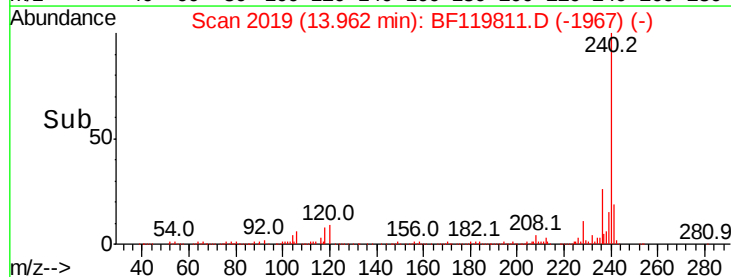
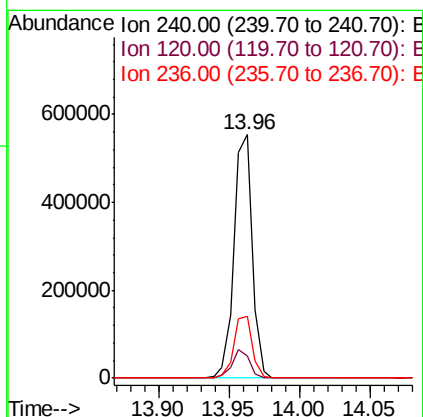
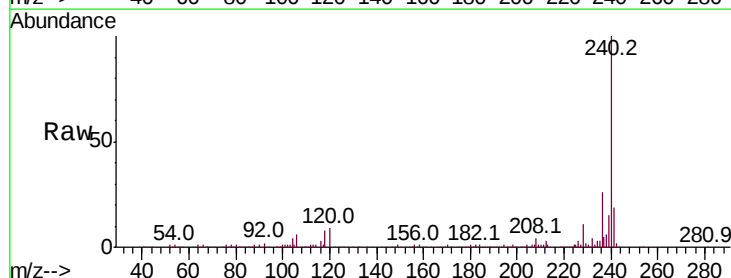
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

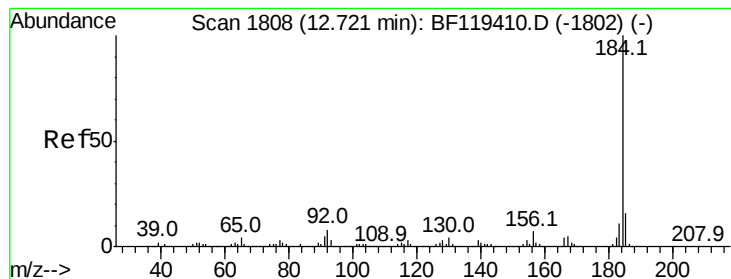
Tot Ion:202 Resp: 1521548
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.2
 203 18.1 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:240 Resp: 501134
 Ion Ratio Lower Upper
 240 100
 120 8.9 10.6 15.8#
 236 25.6 20.2 30.2





#77

Benzidine

Concen: 29.234 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

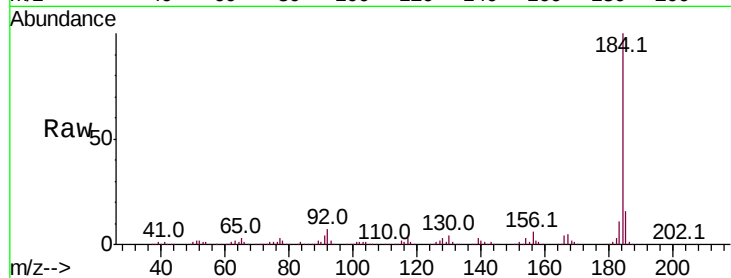
Tot Ion:184 Resp: 619994

Ion Ratio Lower Upper

184 100

185 15.6 12.3 18.5

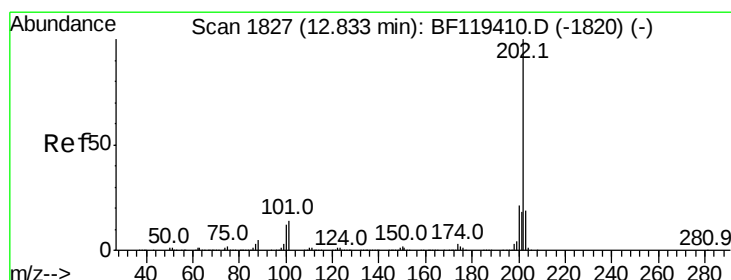
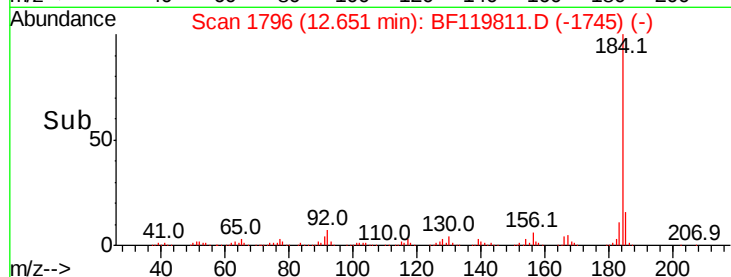
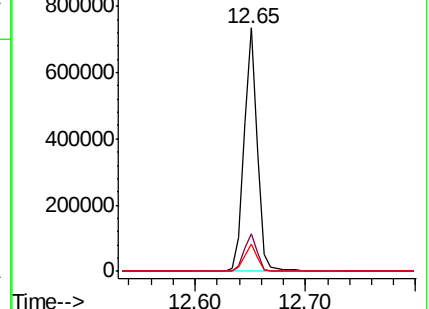
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.245 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

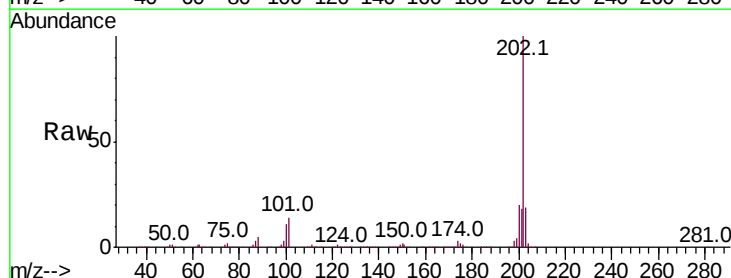
Tgt Ion:202 Resp: 1572906

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

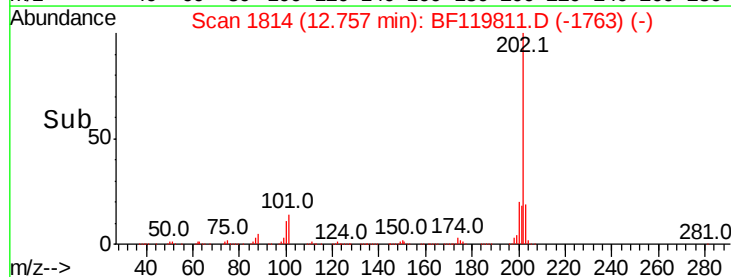
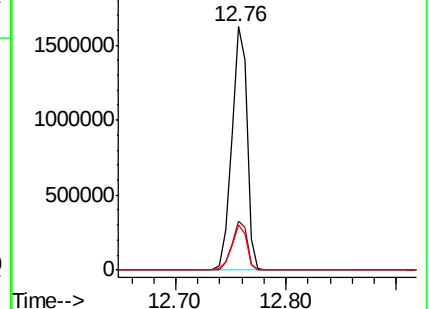
203 18.6 15.1 22.7

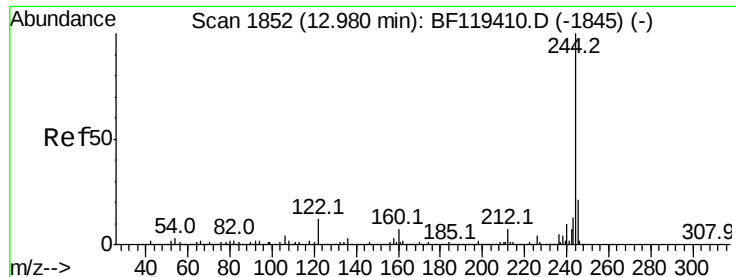


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.885 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

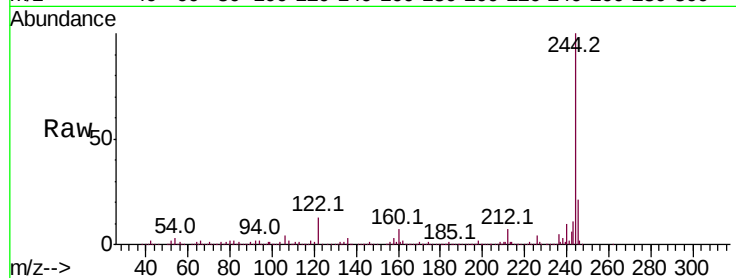
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2094490

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.0	10.3	15.5

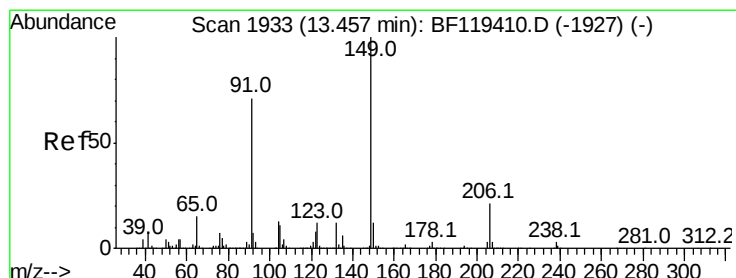
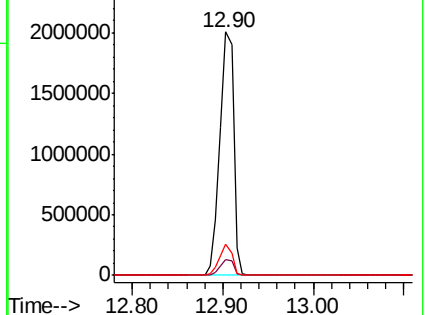
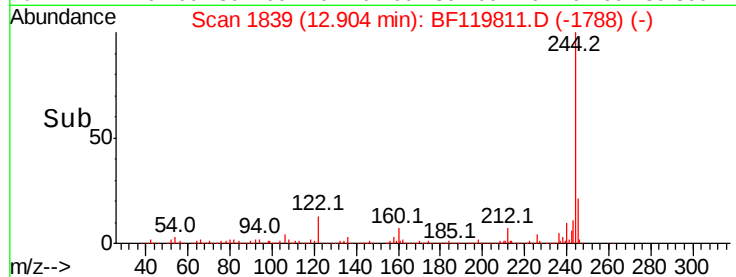


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.533 ng

RT: 13.38 min Scan# 1920

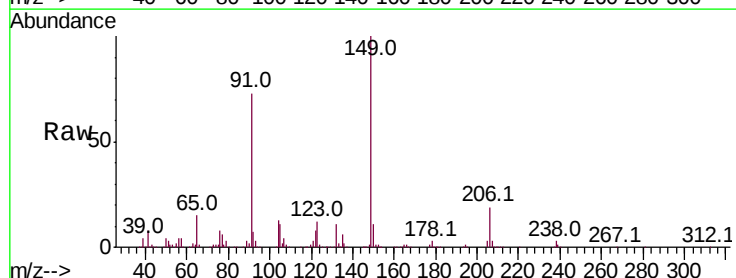
Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion:149 Resp: 690874

Ion	Ratio	Lower	Upper
149	100		
91	72.7	54.7	82.1
206	19.0	16.2	24.2

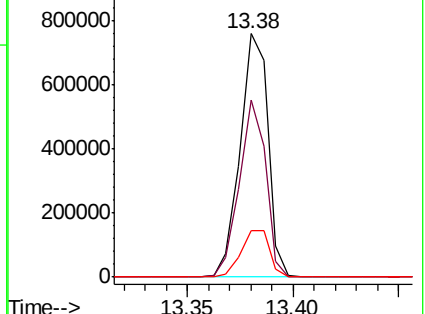
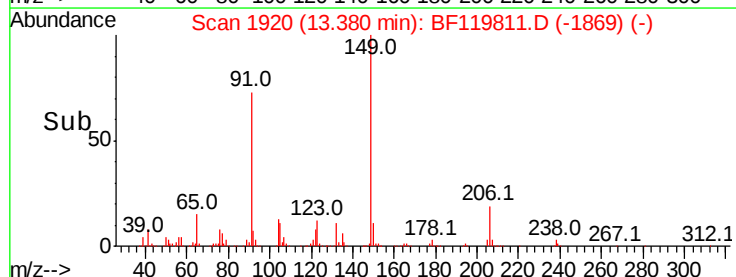


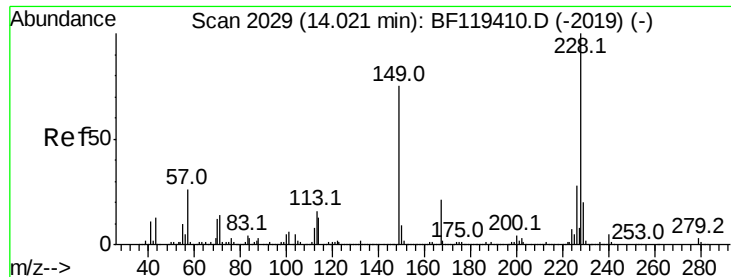
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

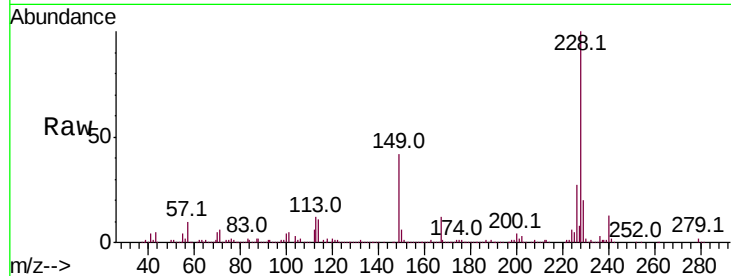




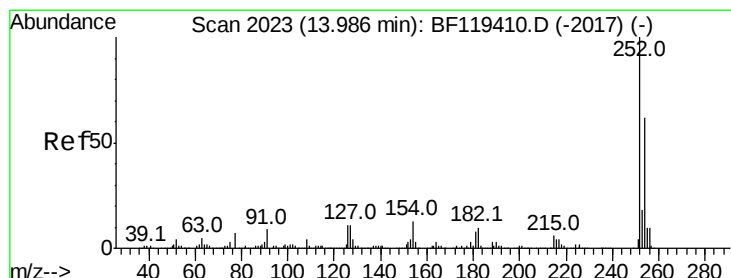
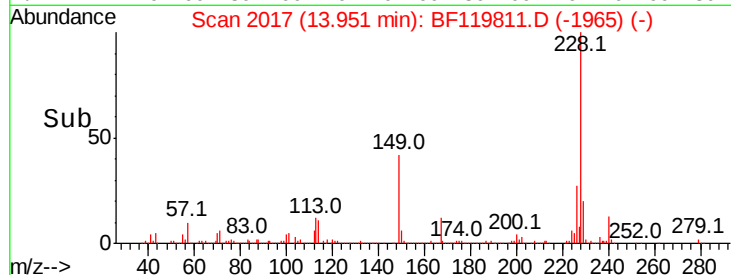
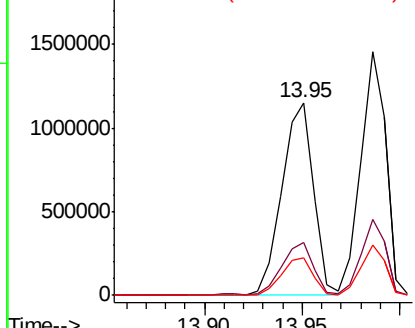
#81
Benzo(a)anthracene
Concen: 39.607 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1290725
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 16.2 24.4

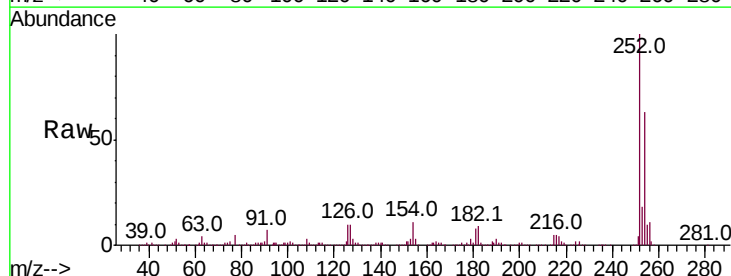


Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

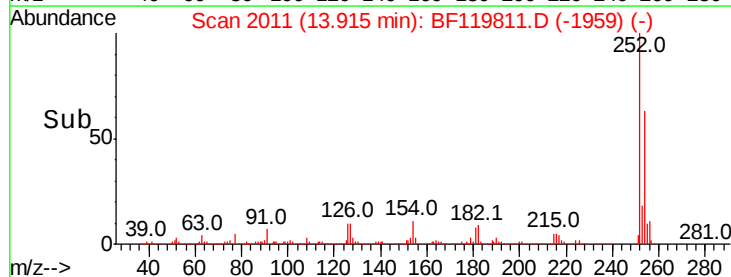
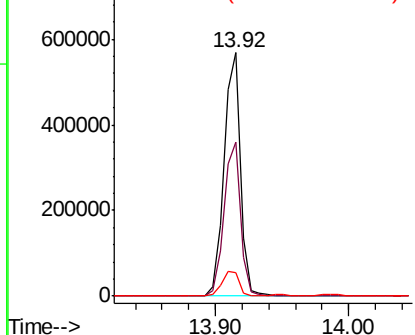


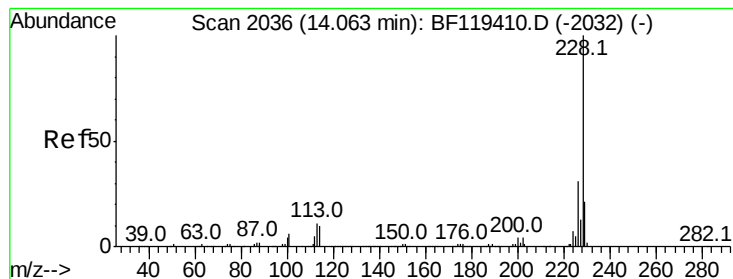
#82
3,3'-Dichlorobenzidine
Concen: 38.532 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:252 Resp: 495098
Ion Ratio Lower Upper
252 100
254 63.4 51.2 76.8
126 9.6 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.617 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

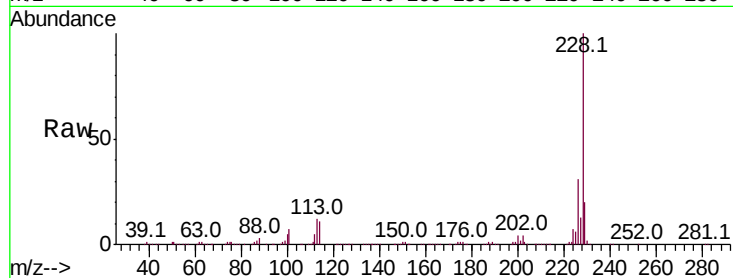
Tot Ion:228 Resp: 1298769

Ion Ratio Lower Upper

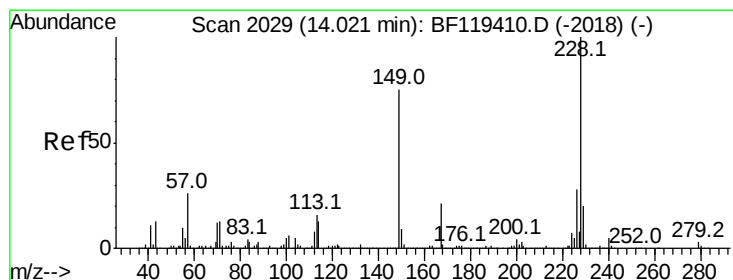
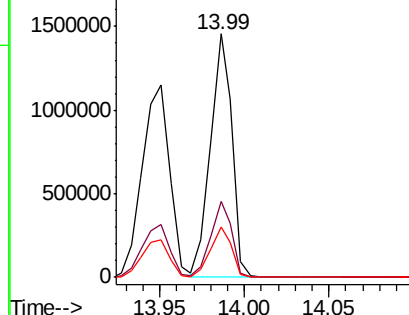
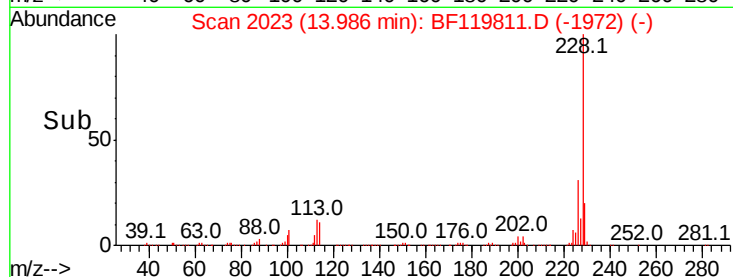
228 100

226 31.4 25.4 38.0

229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.003 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

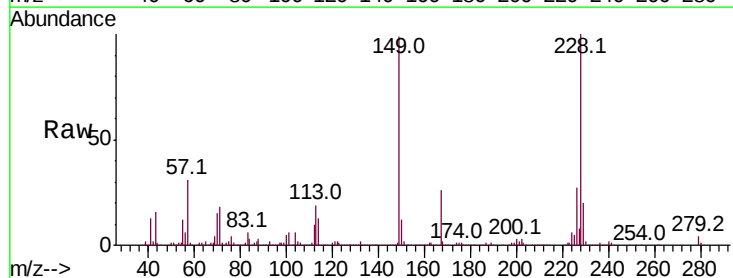
Tgt Ion:149 Resp: 892378

Ion Ratio Lower Upper

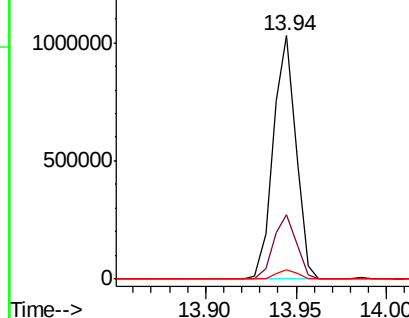
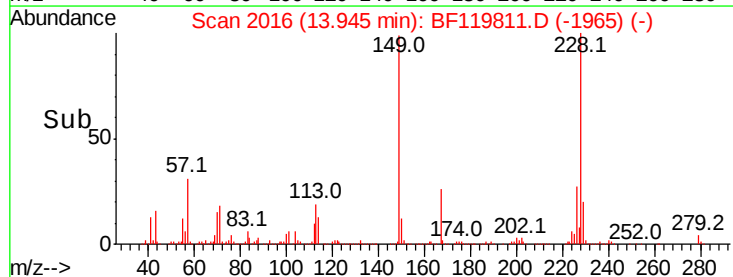
149 100

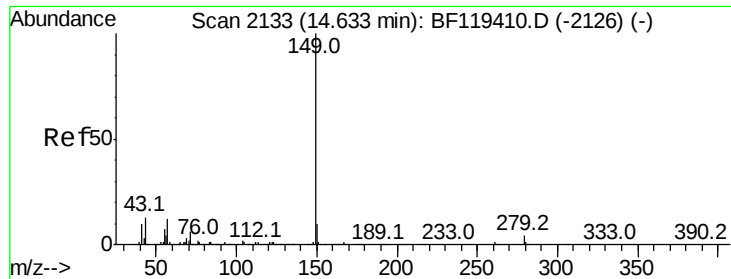
167 26.6 21.3 31.9

279 3.7 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

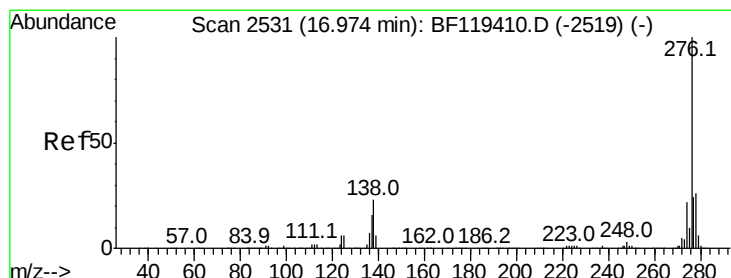
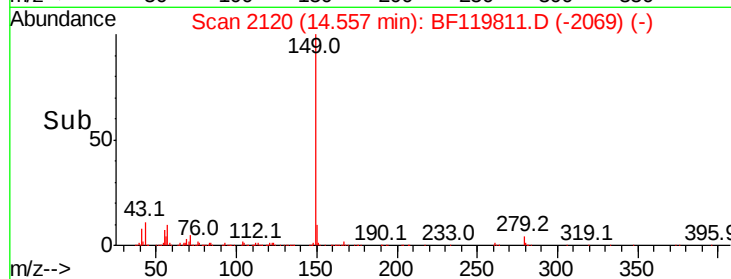
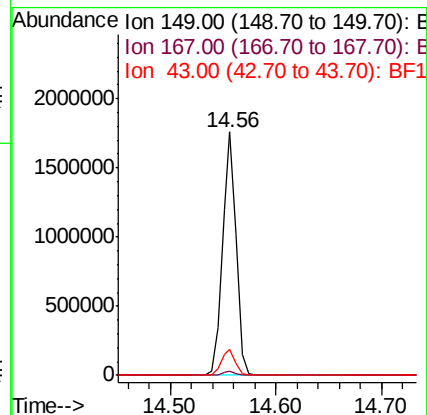
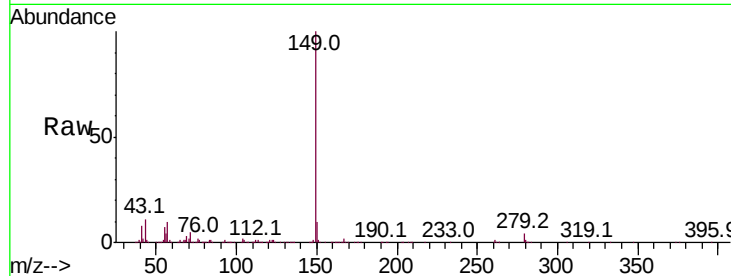




#85
Di-n-octyl phthalate
Concen: 46.049 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

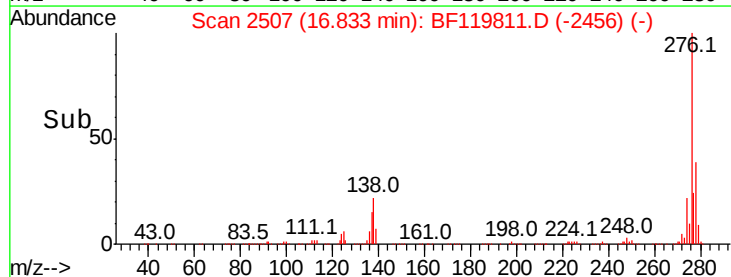
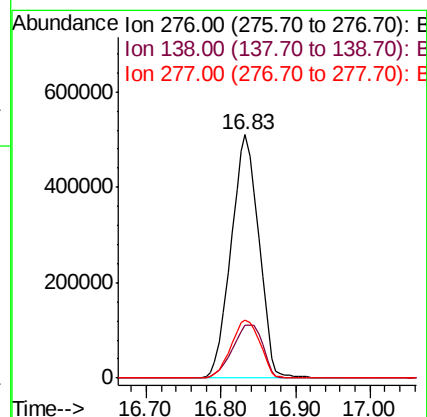
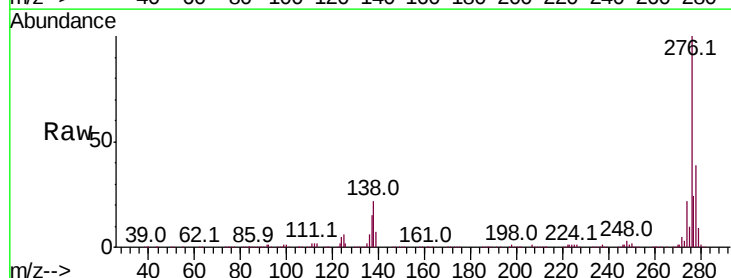
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

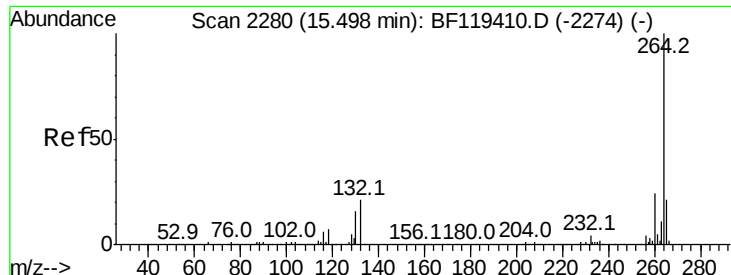
Tot Ion:149 Resp: 1605935
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.619 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:276 Resp: 1318275
Ion Ratio Lower Upper
276 100
138 23.9 19.6 29.4
277 25.1 20.0 30.0

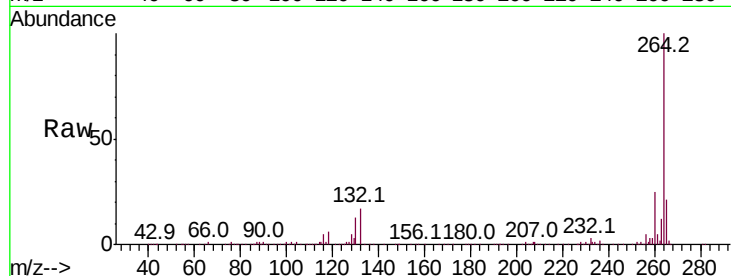




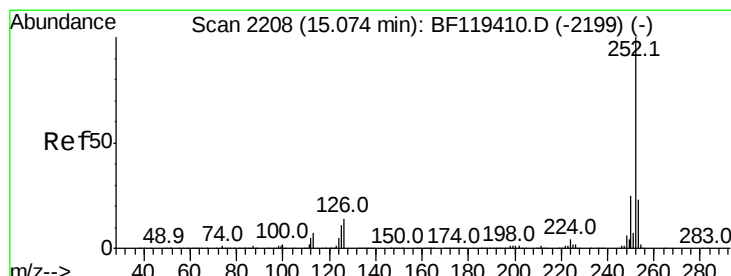
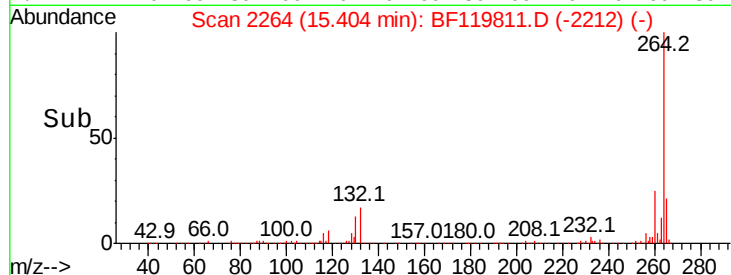
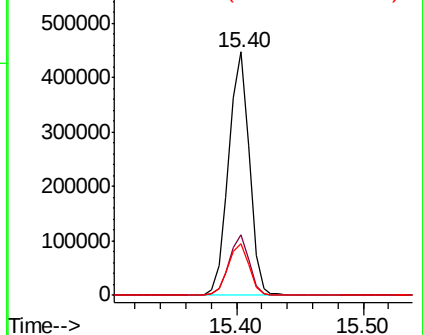
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 504660
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 21.4 17.7 26.5

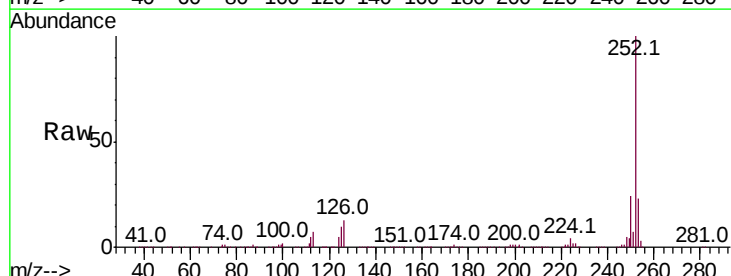


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

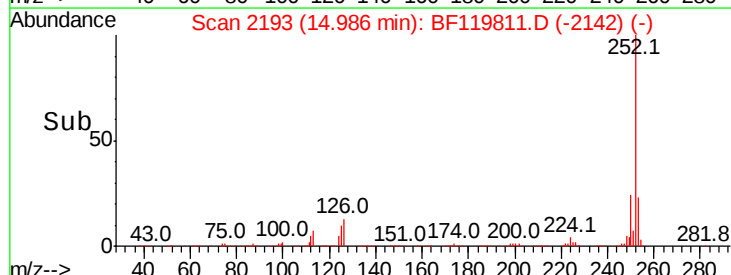
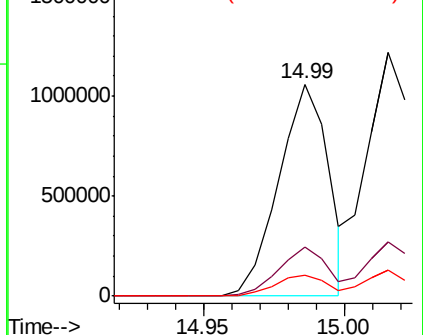


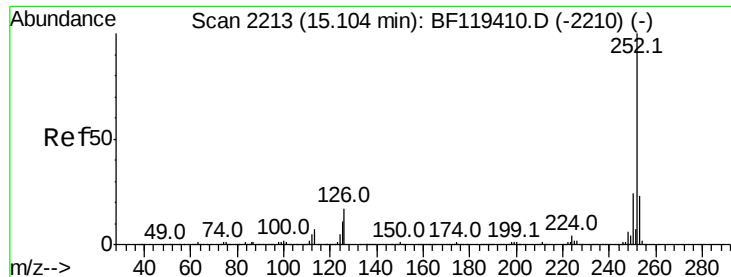
#88
Benzo(b)fluoranthene
Concen: 38.426 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:252 Resp: 1295374
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.9 7.9 11.9



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





#89

Benzo(k)fluoranthene

Concen: 40.401 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

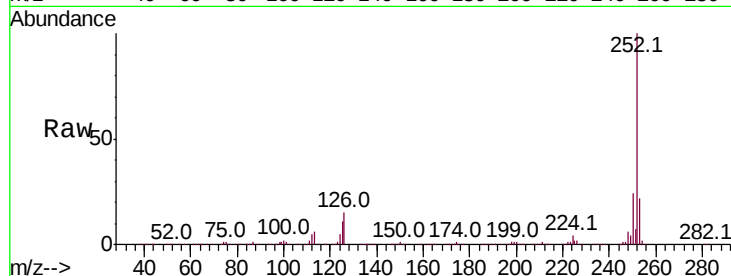
Tot Ion:252 Resp: 1296867

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

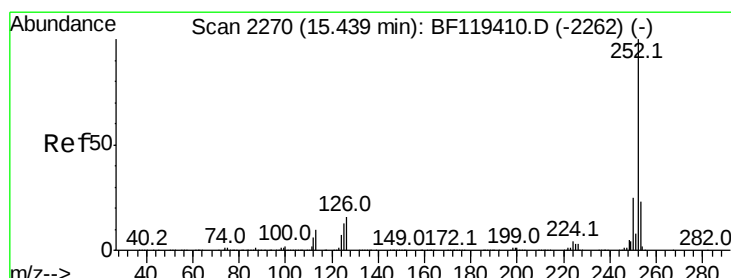
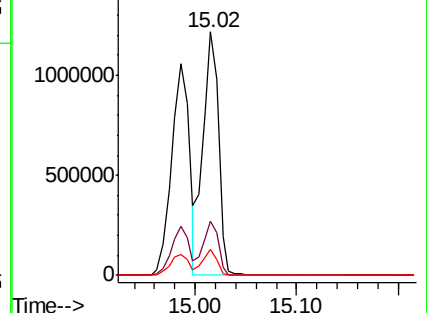
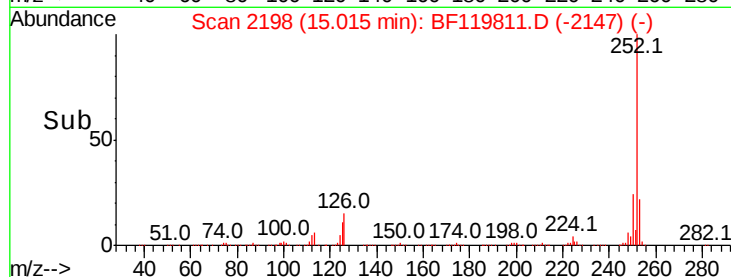
125 10.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.728 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

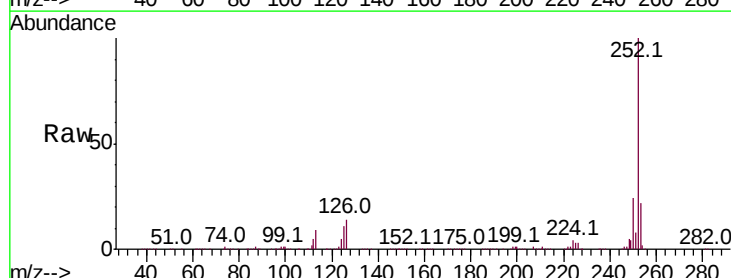
Tgt Ion:252 Resp: 1217125

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

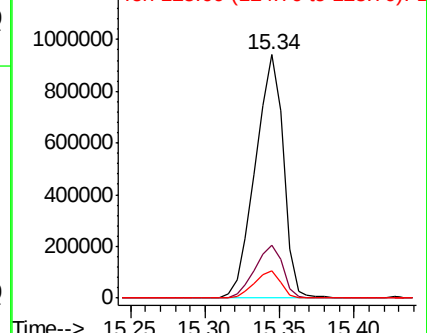
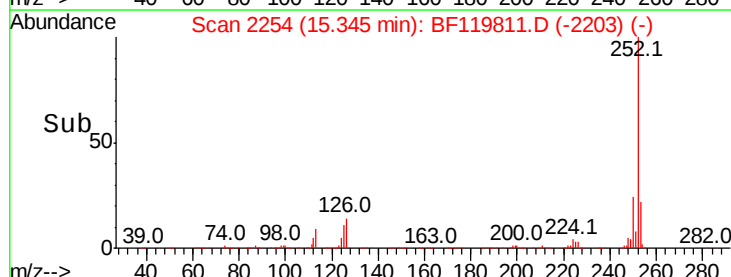
125 11.3 9.4 14.2

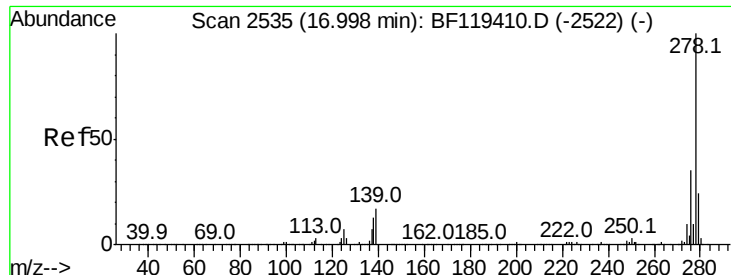


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

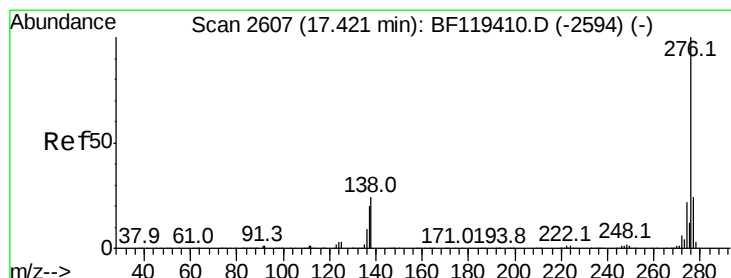
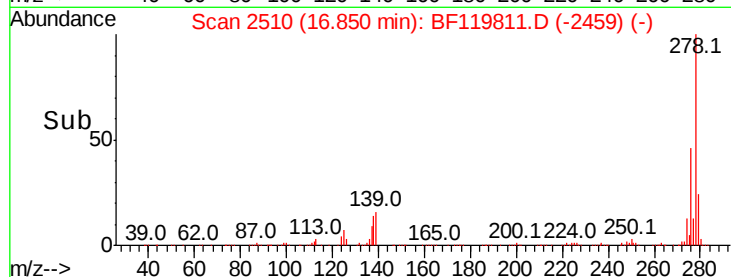
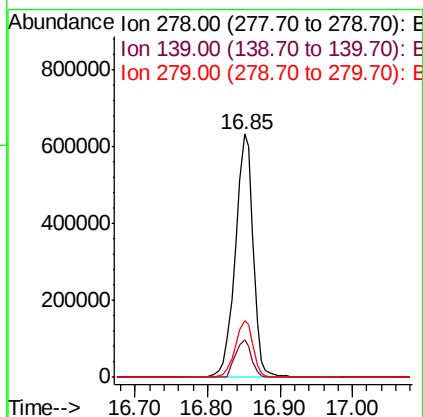
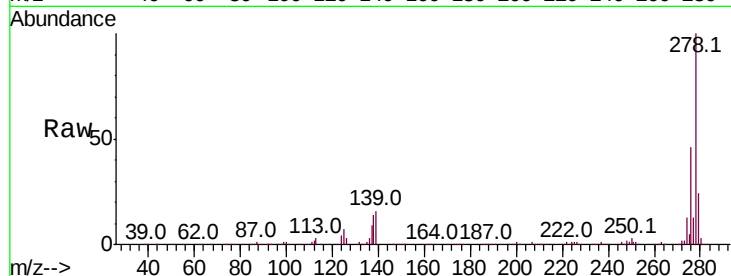




#91
Dibenzo(a,h)anthracene
Concen: 40.465 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1084308
Ion Ratio Lower Upper
278 100
139 15.7 12.6 19.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.397 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:276 Resp: 1060592
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 20.5 15.4 23.0

