

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119519.D
 Acq On : 25 Mar 2020 23:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 26 02:03:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	413961	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1507581	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	788823	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1478237	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	962093	20.00	ng	-0.01
87) Perylene-d12	15.49	264	808574	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1940655	74.63	ng	0.00
7) Phenol-d6	6.47	99	2535131	76.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	2364624	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	763317	93.80	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4131394	77.59	ng	0.00
79) Terphenyl-d14	12.97	244	4348172	88.55	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.59	88	447321	34.83	ng 99
3) Pyridine	3.33	79	1206244	34.09	ng 98
4) n-Nitrosodimethylamine	3.29	42	601120	34.84	ng 98
6) Aniline	6.51	93	1729487	37.72	ng 99
8) 2-Chlorophenol	6.63	128	1104738	40.45	ng 97
9) Benzaldehyde	6.39	77	774472	36.75	ng 98
10) Phenol	6.49	94	1436452	40.53	ng 94
11) bis(2-Chloroethyl)ether	6.58	93	1138909	40.18	ng 95
12) 1,3-Dichlorobenzene	6.79	146	1205694	40.79	ng 99
13) 1,4-Dichlorobenzene	6.86	146	1192050	40.32	ng 99
14) 1,2-Dichlorobenzene	7.02	146	1113231	40.28	ng 98
15) Benzyl Alcohol	6.99	79	983453	39.36	ng 97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2235166	39.09	ng 97
17) 2-Methylphenol	7.09	107	998138	39.89	ng 97
18) Hexachloroethane	7.36	117	472647	43.62	ng 96
19) n-Nitroso-di-n-propylamine	7.27	70	825769	41.24	ng 97
20) 3+4-Methylphenols	7.25	107	1183121	38.58	ng 90
22) Acetophenone	7.26	105	1437477	39.90	ng 98
24) Nitrobenzene	7.43	77	1208994	40.78	ng 97
25) Isophorone	7.67	82	2347633	41.72	ng 97
26) 2-Nitrophenol	7.75	139	606748	51.98	ng 98
27) 2,4-Dimethylphenol	7.78	122	927200	38.42	ng 100
28) bis(2-Chloroethoxy)methane	7.88	93	1402303	42.14	ng 99
29) 2,4-Dichlorophenol	7.99	162	953649	43.00	ng 100
30) 1,2,4-Trichlorobenzene	8.07	180	1054594	43.00	ng 99
31) Naphthalene	8.16	128	3110955	40.10	ng 99
32) Benzoic acid	7.92	122	822916	53.00	ng 96
33) 4-Chloroaniline	8.20	127	1407205	39.58	ng 99
34) Hexachlorobutadiene	8.27	225	626840	45.68	ng 99
35) Caprolactam	8.59	113	256490	35.34	ng 94
36) 4-Chloro-3-methylphenol	8.68	107	1016767	41.95	ng 96
37) 2-Methylnaphthalene	8.85	142	2134584	41.92	ng 99
38) 1-Methylnaphthalene	8.95	142	2018423	41.88	ng 100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	991744	42.89	ng 99

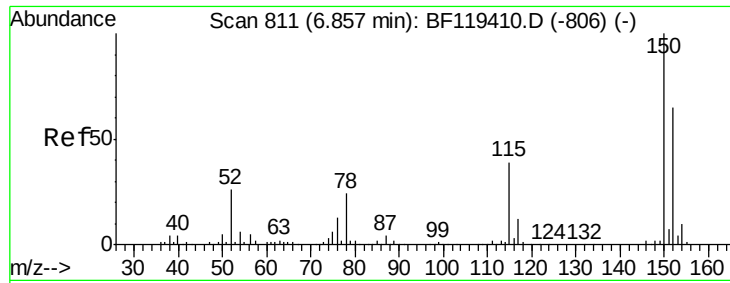
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	520544	39.60	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	719520	43.49	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	799187	43.12	ng	99
46) 1,1'-Biphenyl	9.32	154	2625849	40.87	ng	99
47) 2-Chloronaphthalene	9.34	162	2041115	40.56	ng	98
48) 2-Nitroaniline	9.43	65	765809	44.09	ng	93
49) Acenaphthylene	9.76	152	3089430	39.09	ng	99
50) Dimethylphthalate	9.62	163	2392793	42.71	ng	99
51) 2,6-Dinitrotoluene	9.67	165	546132	45.47	ng	96
52) Acenaphthene	9.93	154	2040605	41.42	ng	99
53) 3-Nitroaniline	9.85	138	613666	40.47	ng	98
54) 2,4-Dinitrophenol	9.95	184	265401	53.70	ng	96
55) Dibenzofuran	10.10	168	2810838	39.79	ng	96
56) 4-Nitrophenol	10.00	139	474067	39.63	ng	96
57) 2,4-Dinitrotoluene	10.08	165	708820	46.85	ng	96
58) Fluorene	10.45	166	2112671	40.45	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	631772	45.60	ng	99
60) Diethylphthalate	10.32	149	2508861	44.12	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	1089477	42.65	ng	98
62) 4-Nitroaniline	10.46	138	600054	41.27	ng	100
63) Azobenzene	10.59	77	2349827	41.03	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	349978	56.46	ng	88
66) n-Nitrosodiphenylamine	10.56	169	2005667	41.33	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	752929	44.72	ng	93
68) Hexachlorobenzene	10.99	284	757536	43.96	ng	93
69) Atrazine	11.08	200	594093	44.66	ng	100
70) Pentachlorophenol	11.18	266	458213	45.35	ng	97
71) Phenanthrene	11.40	178	3037379	39.63	ng	98
72) Anthracene	11.46	178	3062892	39.32	ng	99
73) Carbazole	11.61	167	2935900	38.07	ng	98
74) Di-n-butylphthalate	11.94	149	3783491	45.87	ng	97
75) Fluoranthene	12.59	202	3231851	38.96	ng	99
77) Benzidine	12.71	184	1281331	31.47	ng	100
78) Pyrene	12.82	202	3273922	41.46	ng	99
80) Butylbenzylphthalate	13.44	149	1667638	52.22	ng	100
81) Benzo(a)anthracene	14.02	228	2430754	38.85	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	997524	40.44	ng	95
83) Chrysene	14.05	228	2603740	40.33	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	2212071	58.11	ng	99
85) Di-n-octyl phthalate	14.62	149	3796322	56.70	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2241566	36.86	ng	97
88) Benzo(b)fluoranthene	15.06	252	2427741	44.95	ng	99
89) Benzo(k)fluoranthene	15.09	252	2180102	42.39	ng	100
90) Benzo(a)pyrene	15.43	252	2047605	41.71	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1861380	43.35	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1820544	42.21	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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SSTDCCC040

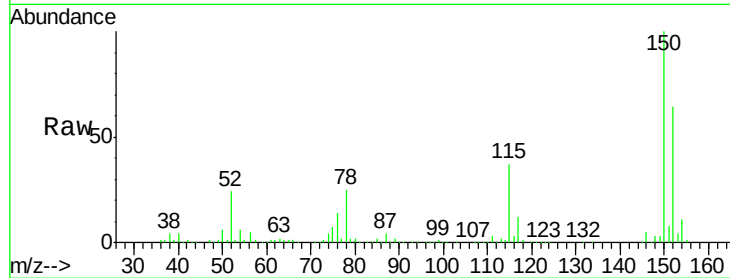
Tgt Ion:152 Resp: 413961

Ion Ratio Lower Upper

152 100

150 155.1 123.9 185.9

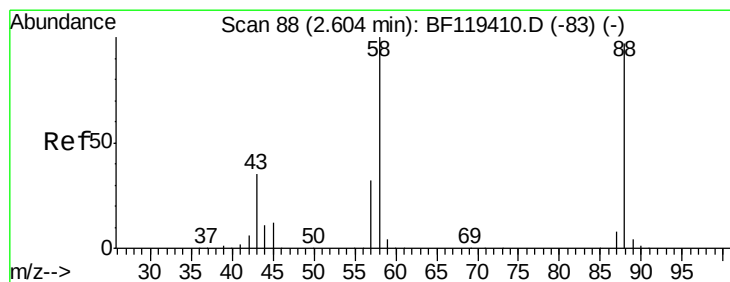
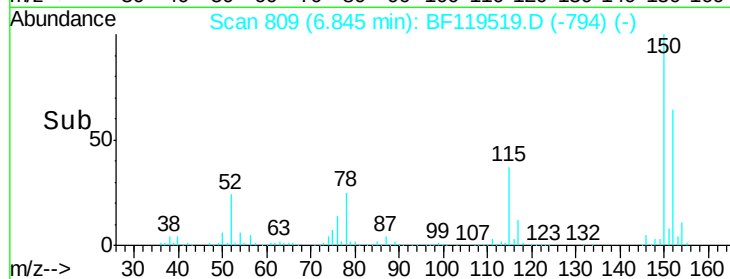
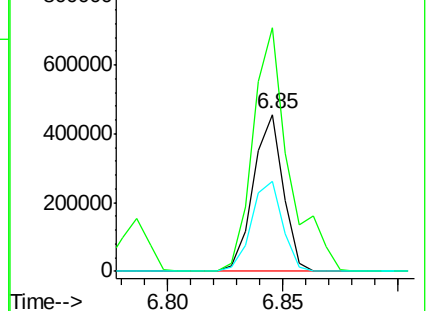
115 57.2 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.83 ng

RT: 2.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

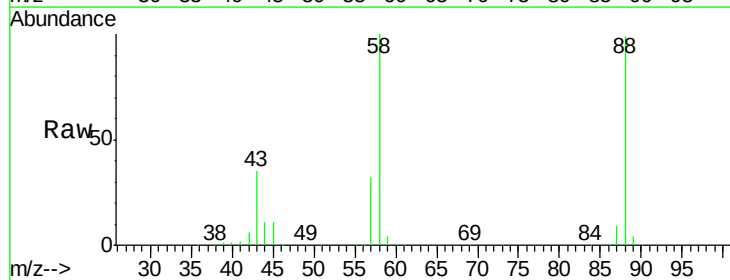
Tgt Ion: 88 Resp: 447321

Ion Ratio Lower Upper

88 100

58 100.9 79.4 119.2

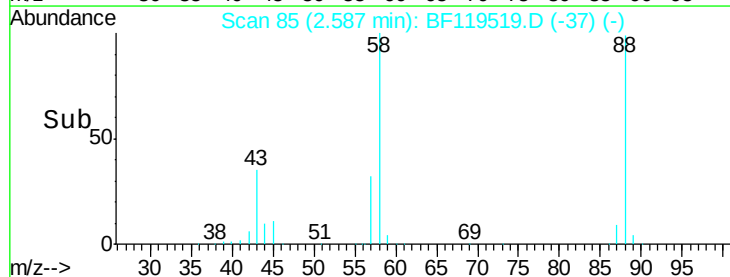
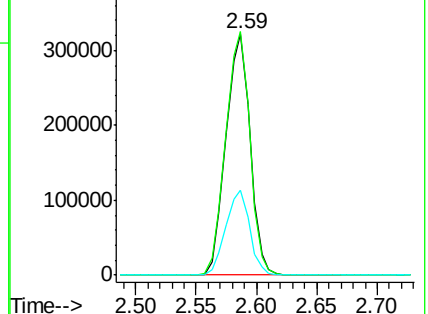
43 35.0 28.4 42.6

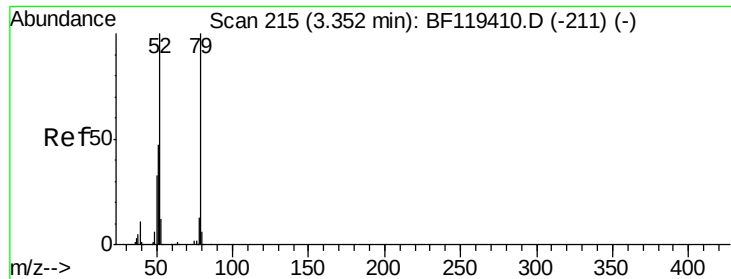


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.09 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

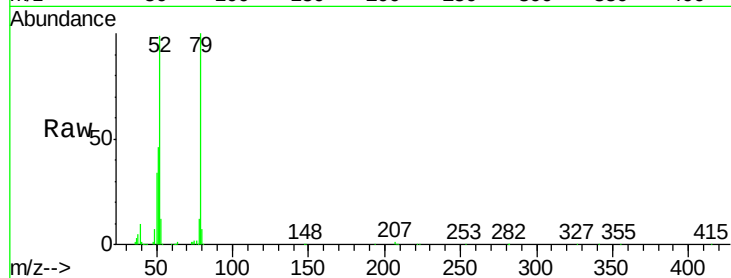
Tgt Ion: 79 Resp: 1206244

Ion Ratio Lower Upper

79 100

52 98.5 80.0 120.0

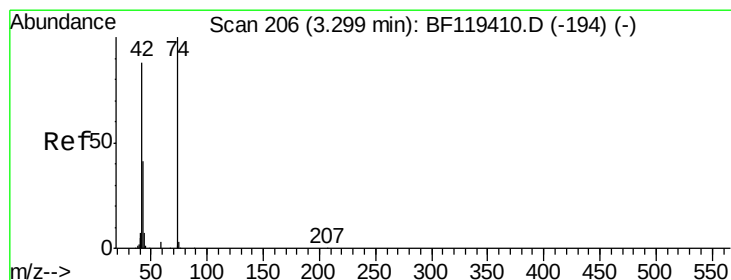
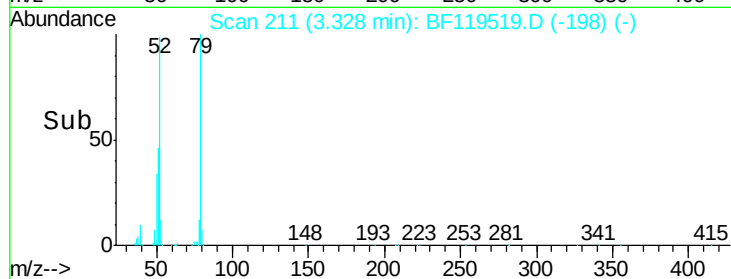
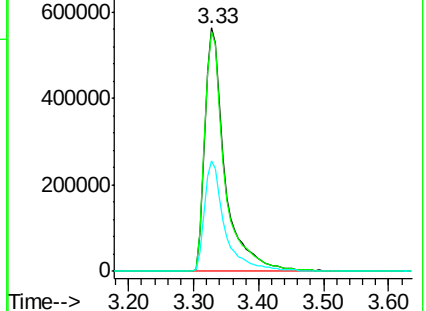
51 45.6 37.9 56.9



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: 34.84 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

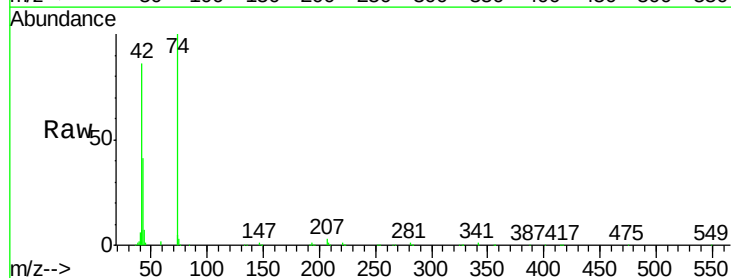
Tgt Ion: 42 Resp: 601120

Ion Ratio Lower Upper

42 100

74 115.7 91.3 136.9

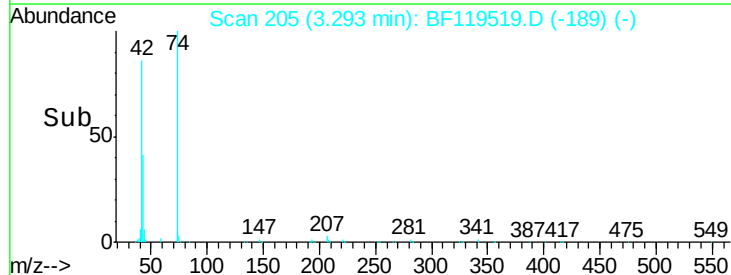
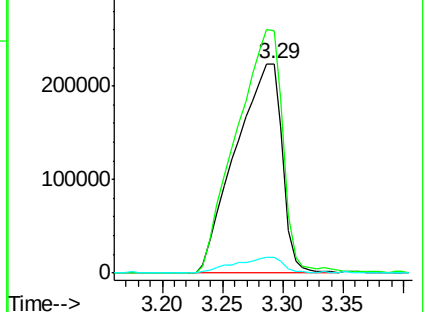
44 7.6 7.1 10.7

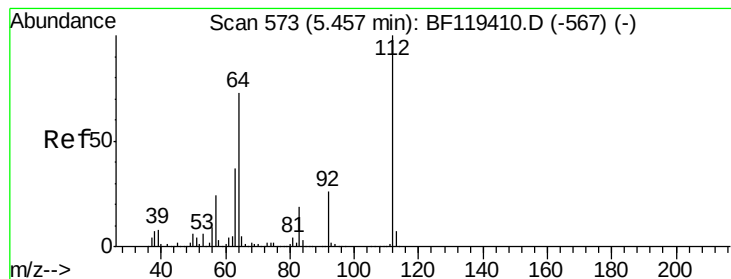


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.63 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

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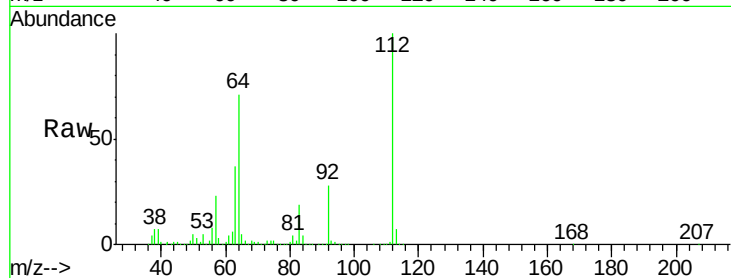
Tgt Ion: 112 Resp: 1940655

Ion Ratio Lower Upper

112 100

64 71.2 58.1 87.1

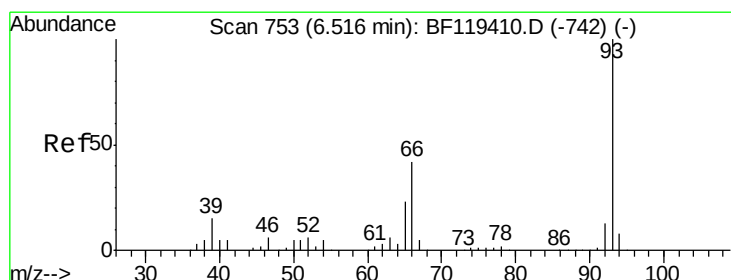
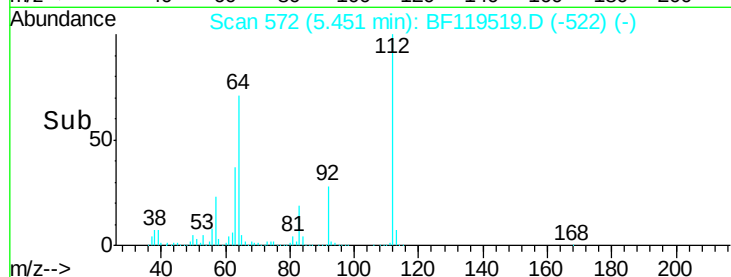
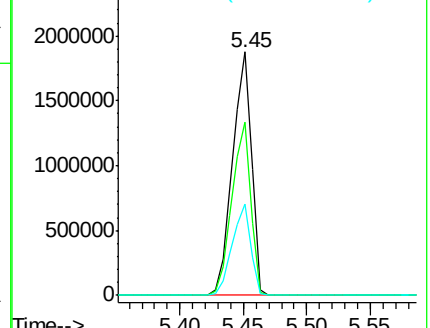
63 37.2 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.72 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

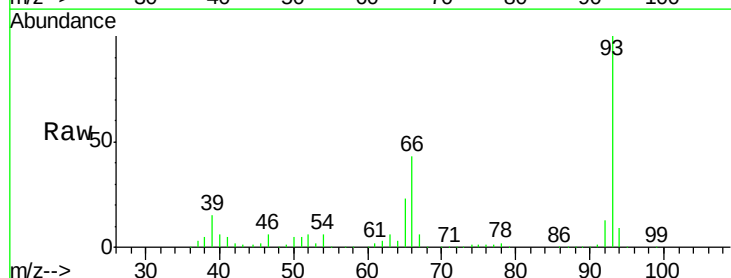
Tgt Ion: 93 Resp: 1729487

Ion Ratio Lower Upper

93 100

66 43.2 34.2 51.4

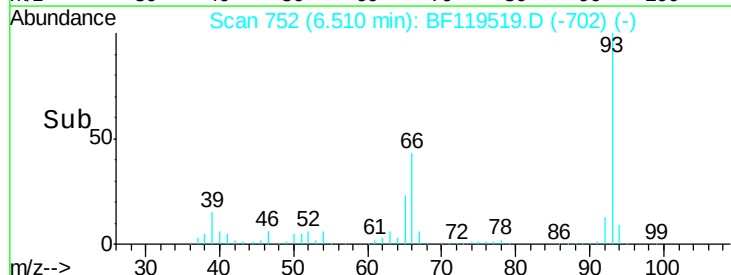
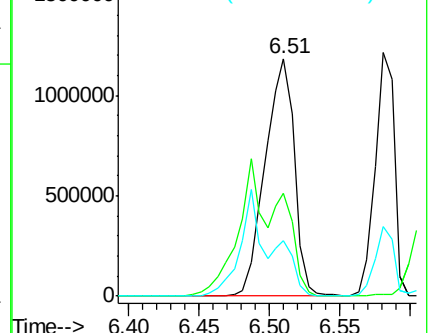
65 23.2 18.2 27.4

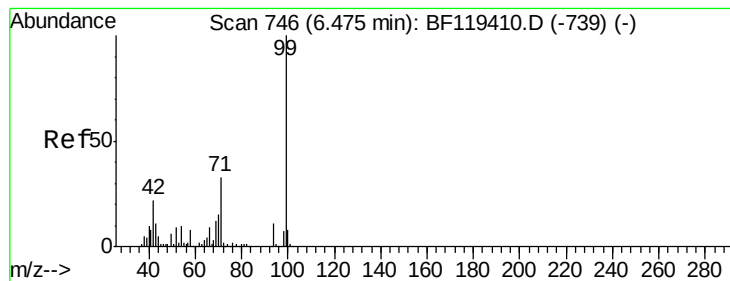


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.32 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

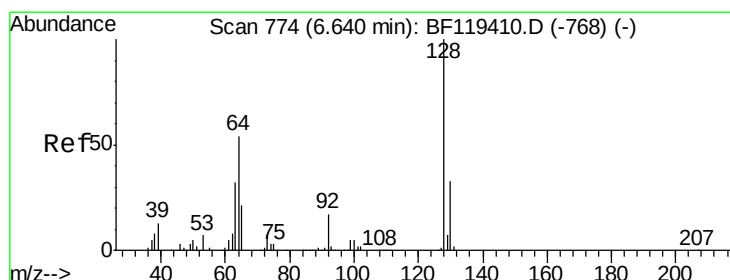
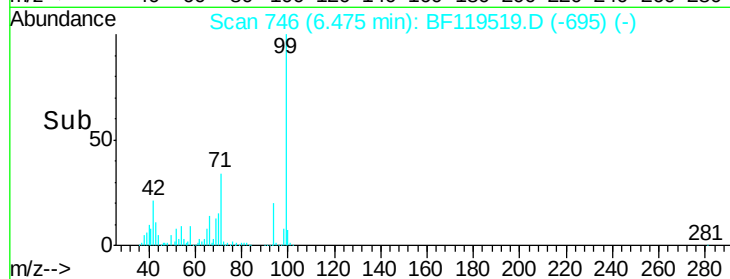
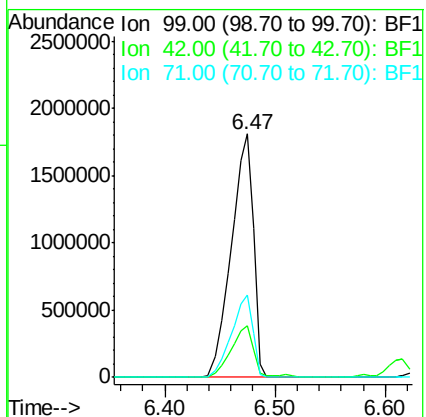
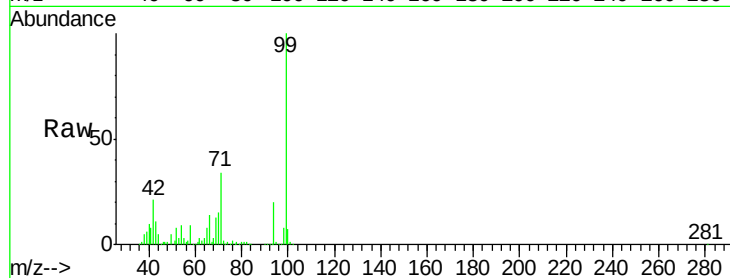
BNA_F

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Tgt Ion: 99 Resp: 2535131

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	33.7	26.0	39.0



#8

2-Chlorophenol

Concen: 40.45 ng

RT: 6.63 min Scan# 773

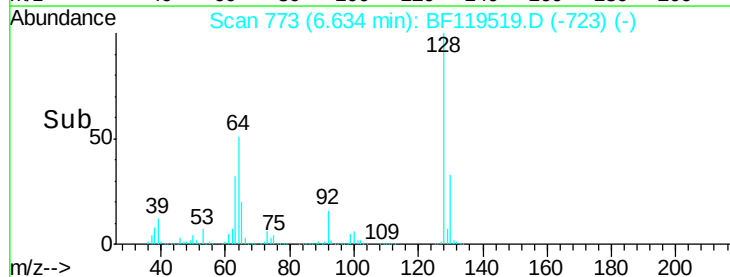
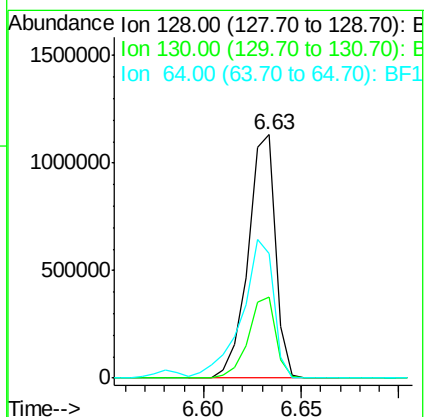
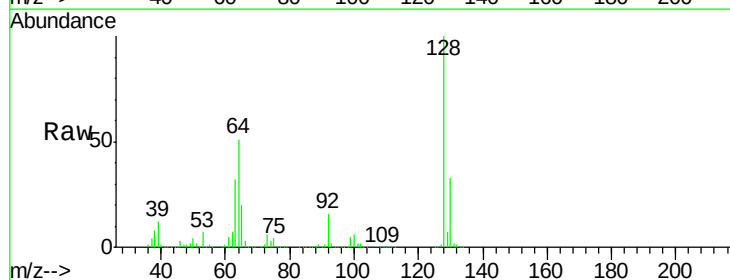
Delta R.T. -0.01 min

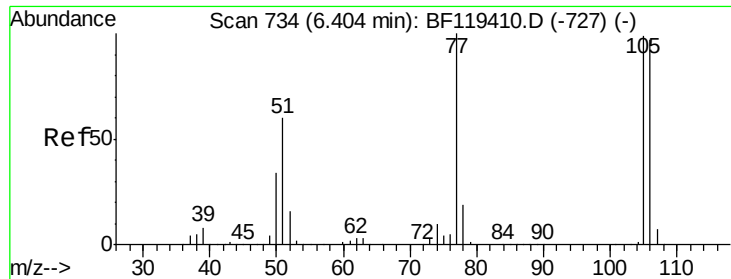
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Tgt Ion: 128 Resp: 1104738

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	51.4	35.1	75.1





#9

Benzaldehyde

Concen: 36.75 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119519.D

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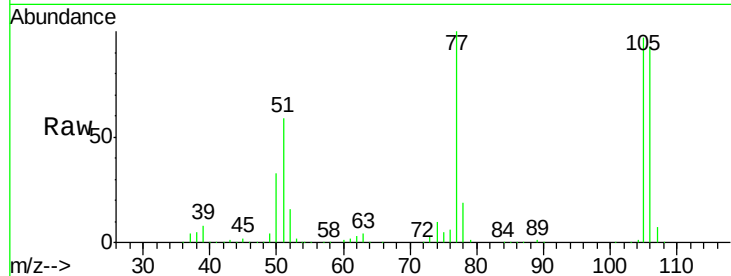
Tgt Ion: 77 Resp: 774472

Ion Ratio Lower Upper

77 100

105 97.1 78.6 118.6

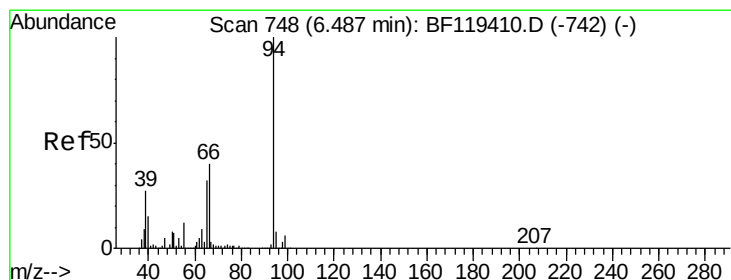
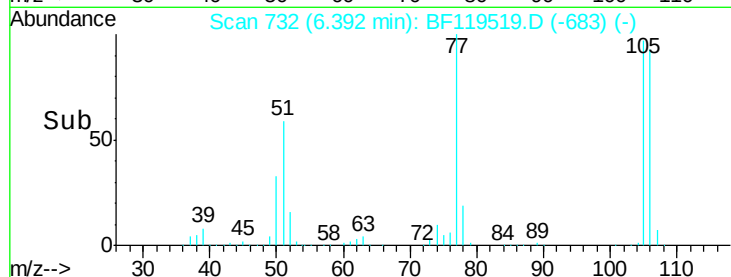
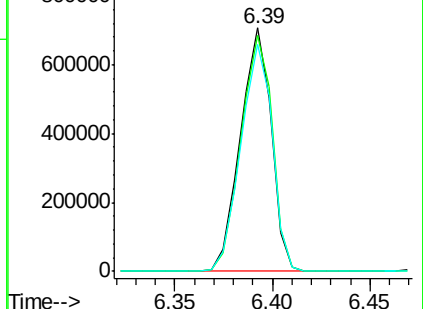
106 93.0 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.53 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

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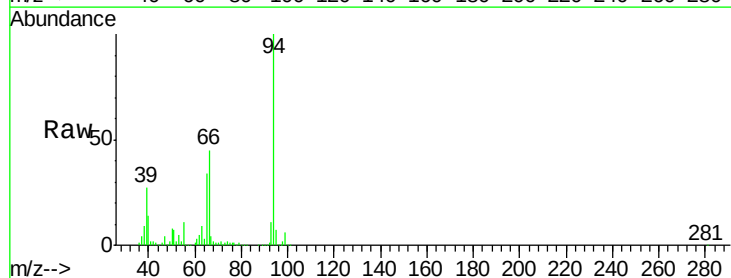
Tgt Ion: 94 Resp: 1436452

Ion Ratio Lower Upper

94 100

65 34.5 12.0 52.0

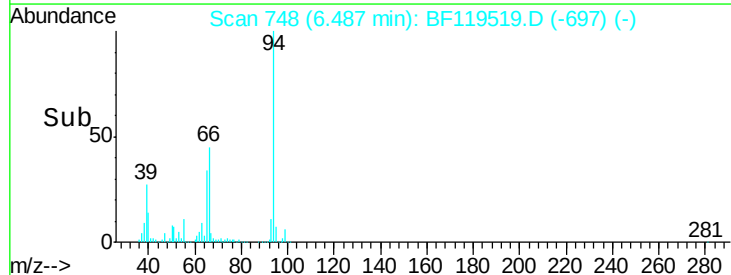
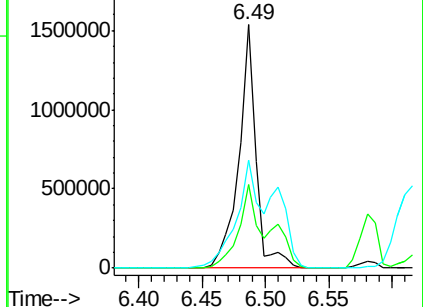
66 44.6 20.6 60.6

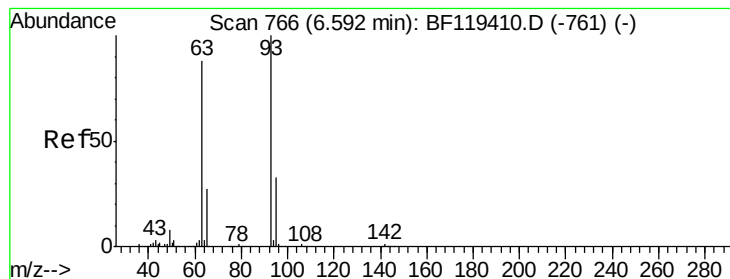


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

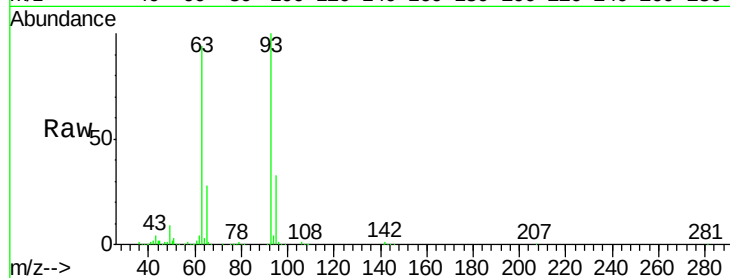
Tgt Ion: 93 Resp: 1138909

Ion Ratio Lower Upper

93 100

63 94.4 68.4 108.4

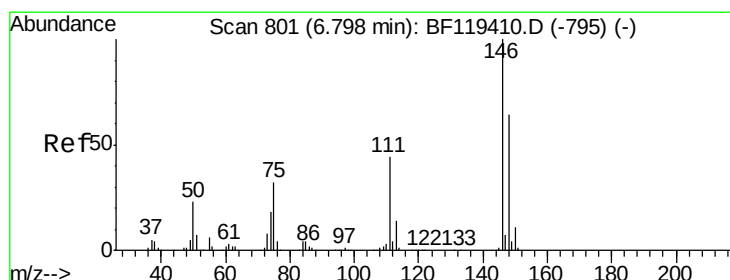
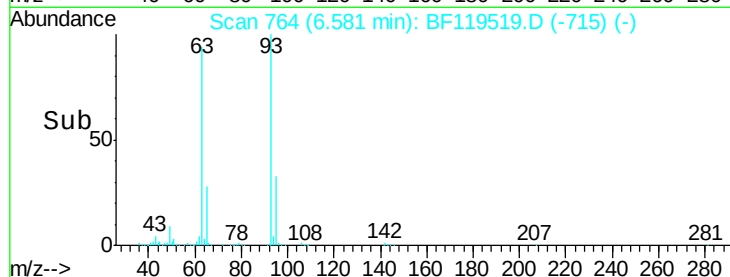
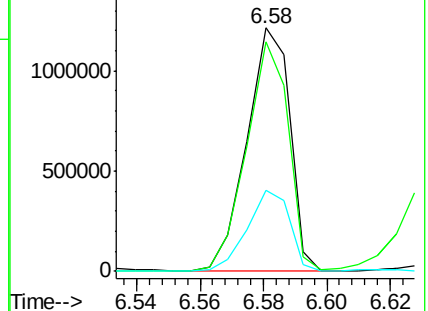
95 33.4 13.4 53.4



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: 40.79 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

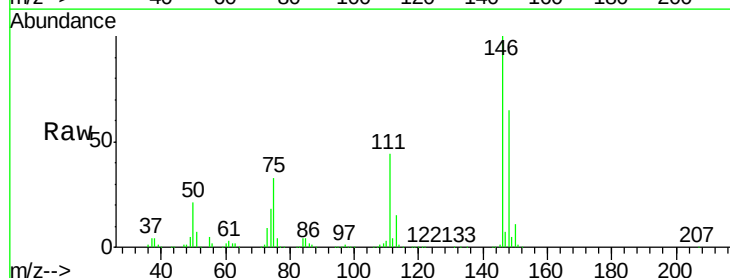
Tgt Ion: 146 Resp: 1205694

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

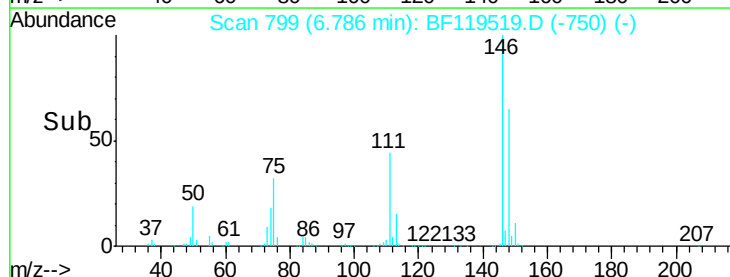
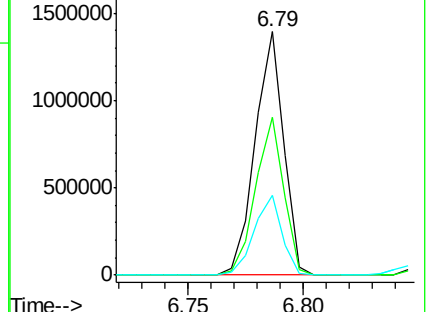
75 32.6 25.8 38.8

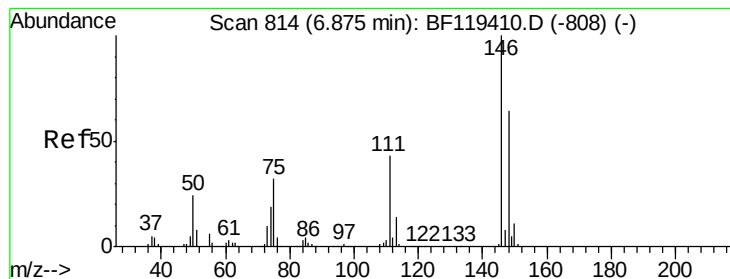


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.32 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

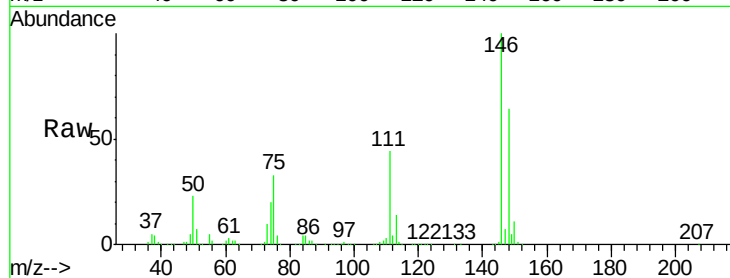
Tgt Ion:146 Resp: 1192050

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

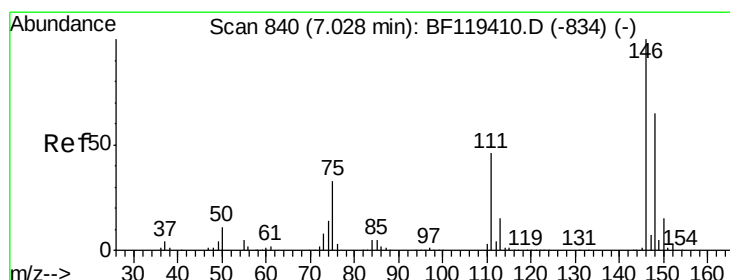
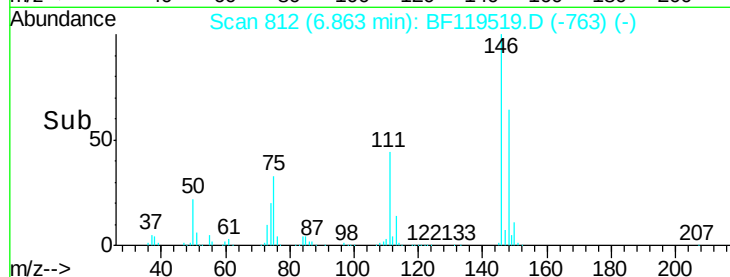
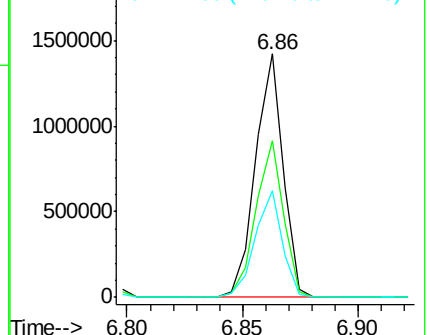
111 43.6 34.6 52.0



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: 40.28 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

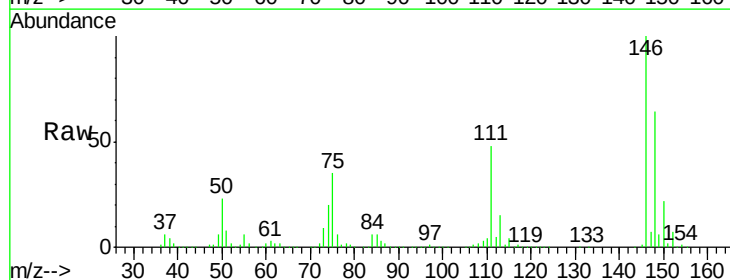
Tgt Ion:146 Resp: 1113231

Ion Ratio Lower Upper

146 100

148 64.3 51.7 77.5

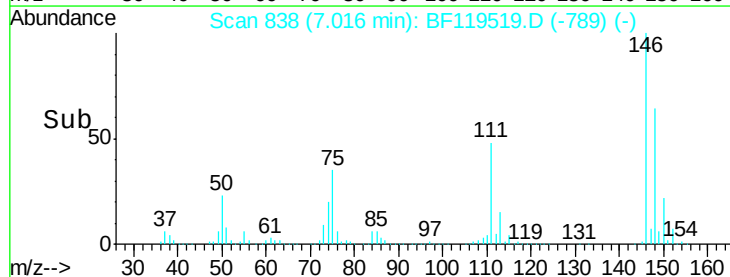
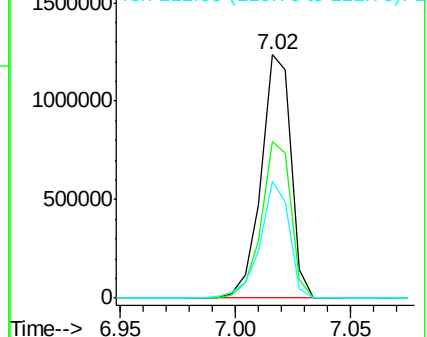
111 47.8 36.4 54.6

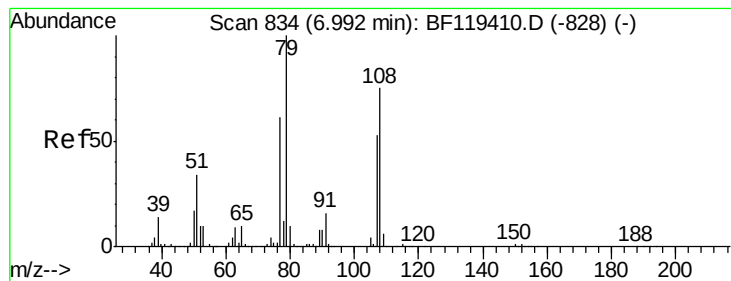


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.36 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

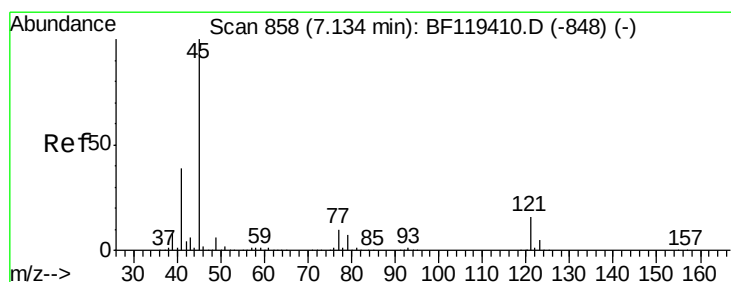
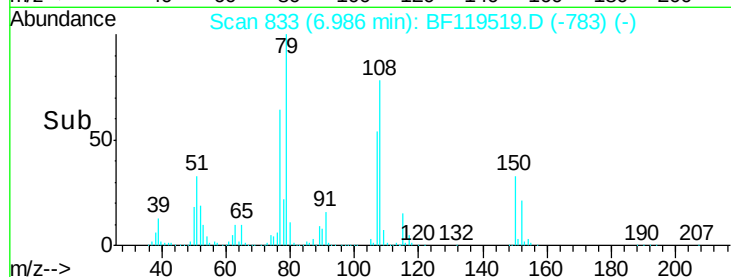
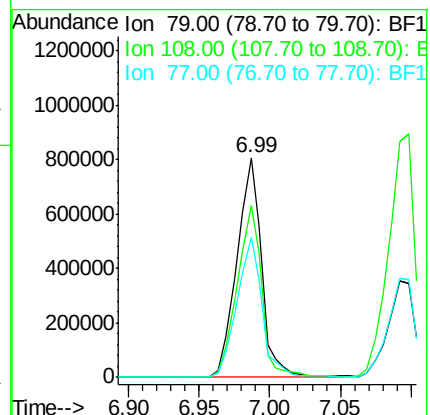
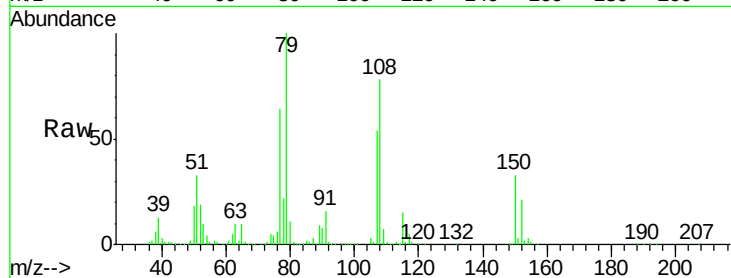
Tgt Ion: 79 Resp: 983453

Ion Ratio Lower Upper

79 100

108 78.0 60.4 90.6

77 63.7 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.09 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

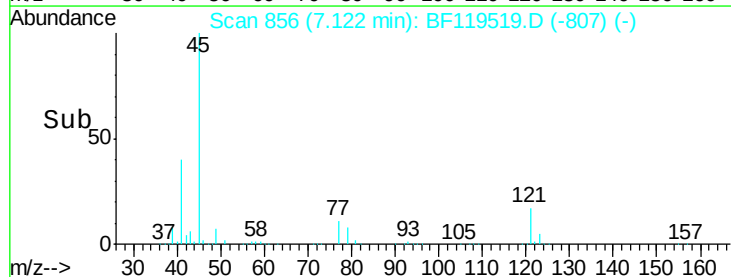
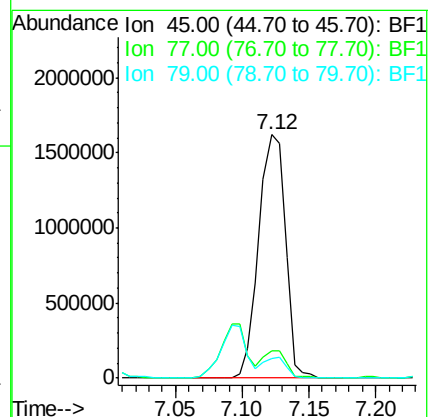
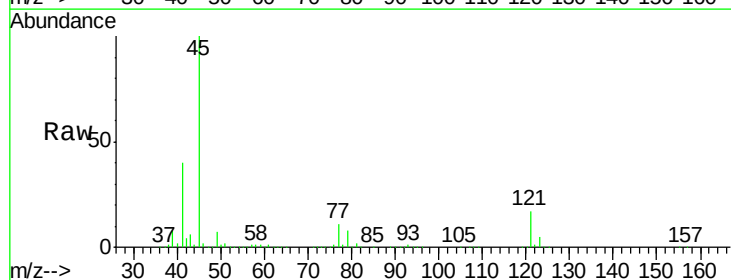
Tgt Ion: 45 Resp: 2235166

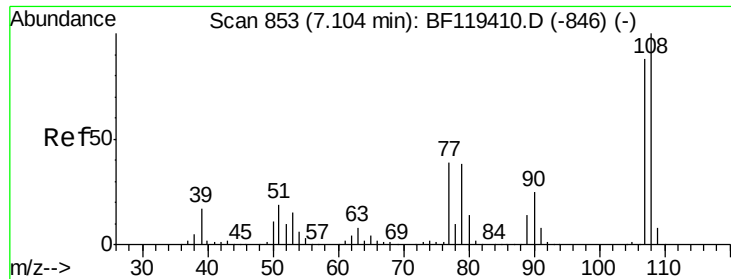
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.1

79 8.2 0.0 27.4

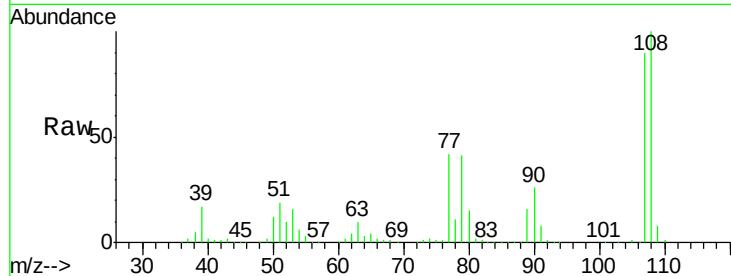




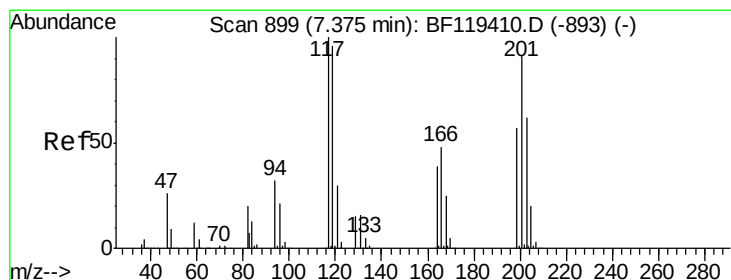
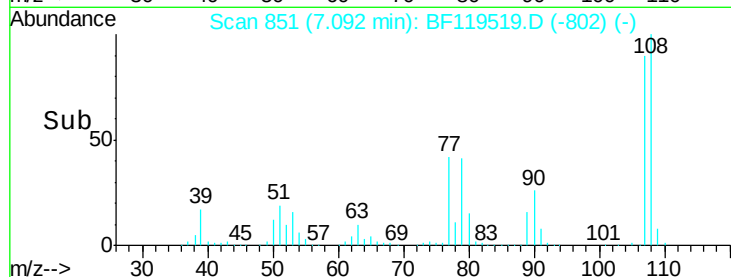
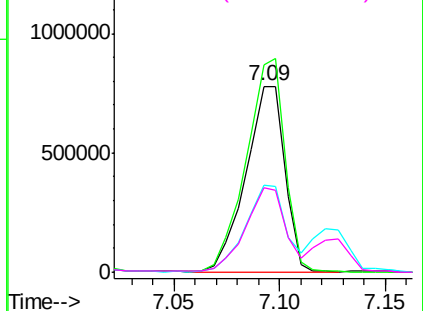
#17
2-Methylphenol
Concen: 39.89 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.7	136.1
77	46.7	35.6	53.4
79	45.8	34.7	52.1

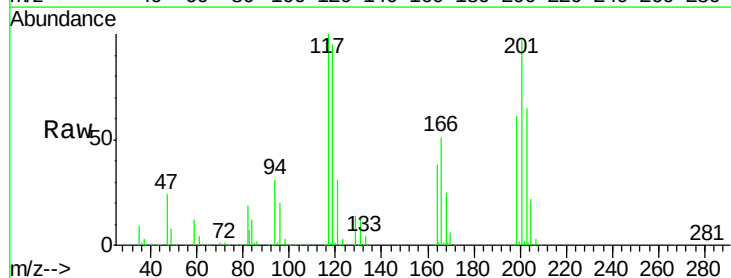


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

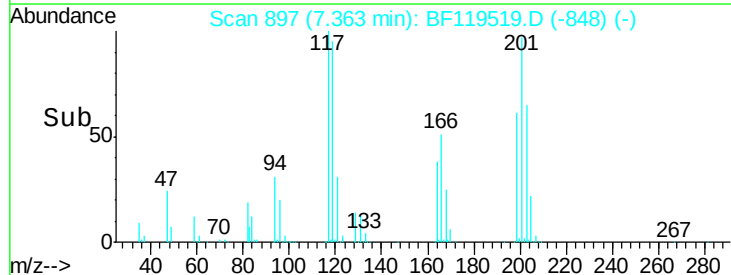
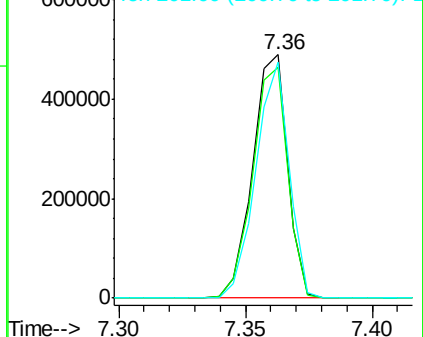


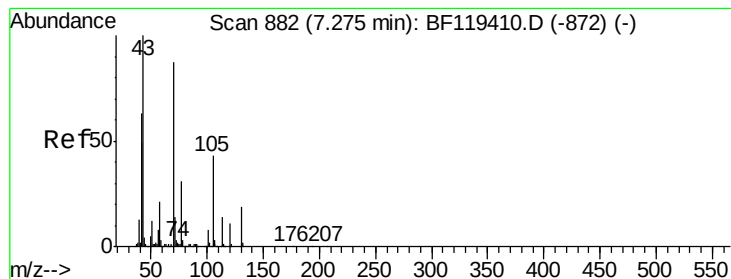
#18
Hexachloroethane
Concen: 43.62 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2
201	97.1	72.5	108.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 41.24 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 825769

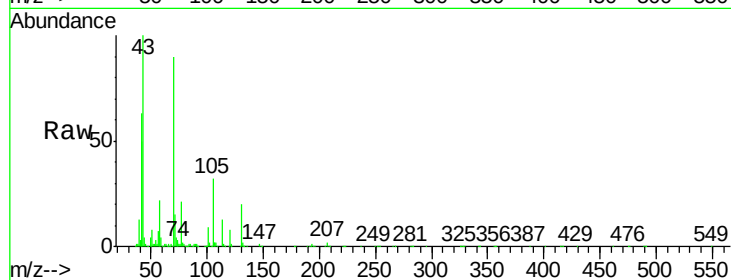
Ion Ratio Lower Upper

70 100

42 69.8 58.2 87.4

101 9.8 7.4 11.2

130 21.8 17.8 26.8

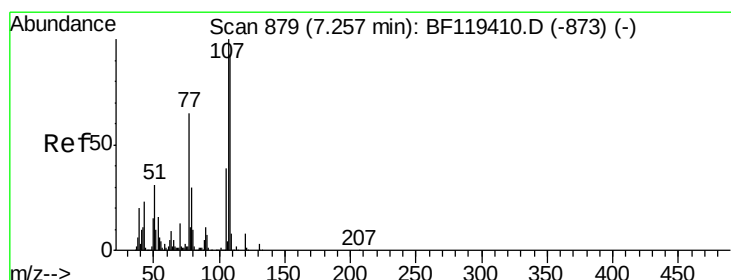
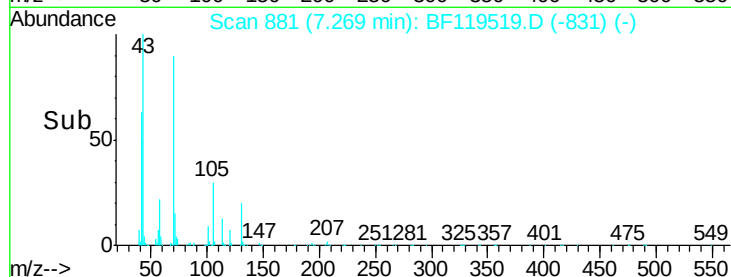
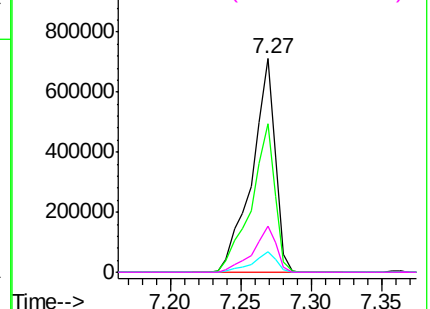


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.58 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion: 107 Resp: 1183121

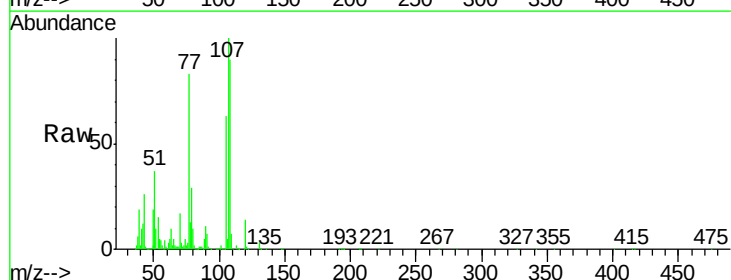
Ion Ratio Lower Upper

107 100

108 90.1 72.6 112.6

77 82.9 44.7 84.7

79 29.3 10.2 50.2

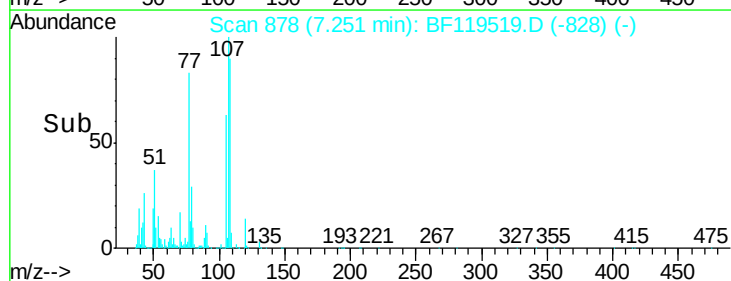
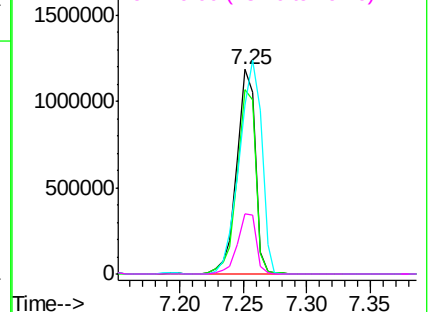


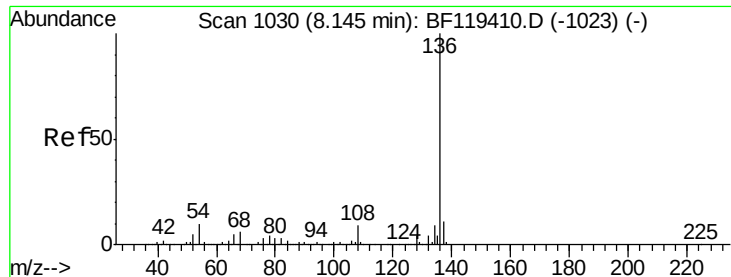
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



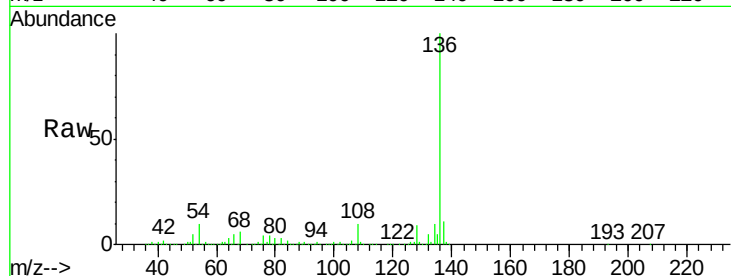


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

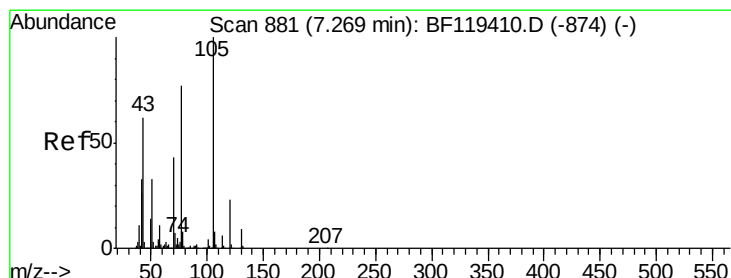
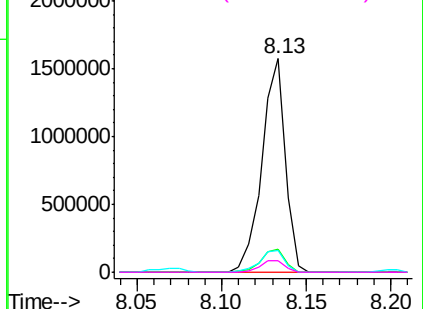
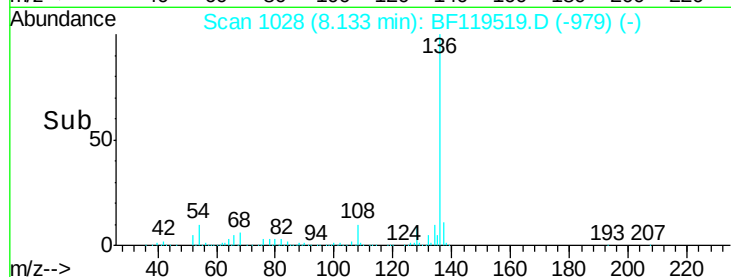
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1507581

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.1	8.3	12.5
68	5.5	4.9	7.3



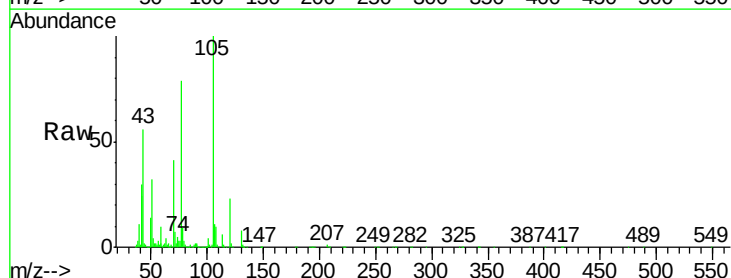
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



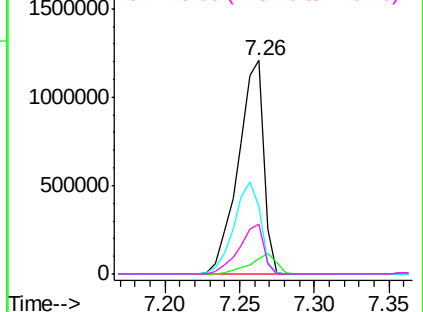
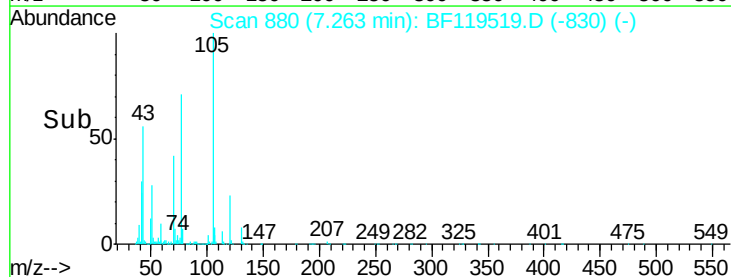
#22
Acetophenone
Concen: 39.90 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

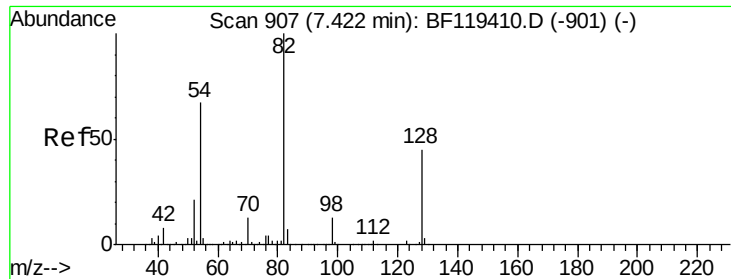
Tgt Ion:105 Resp: 1437477

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	31.9	26.8	40.2
120	23.3	18.0	27.0



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

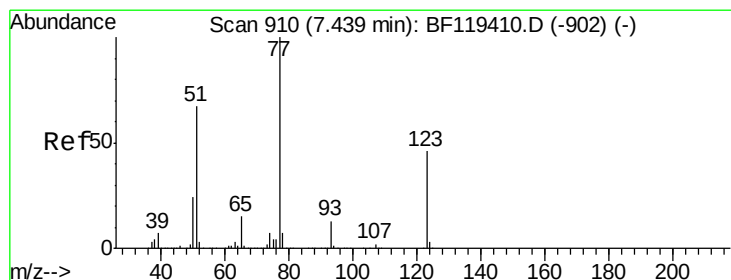
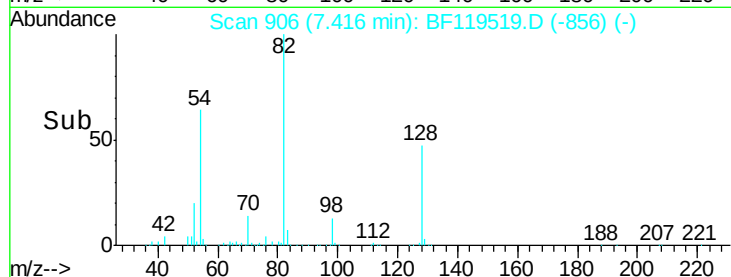
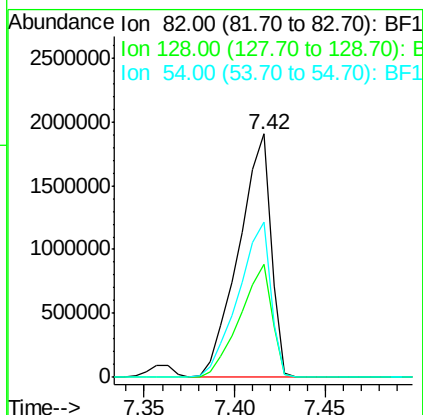
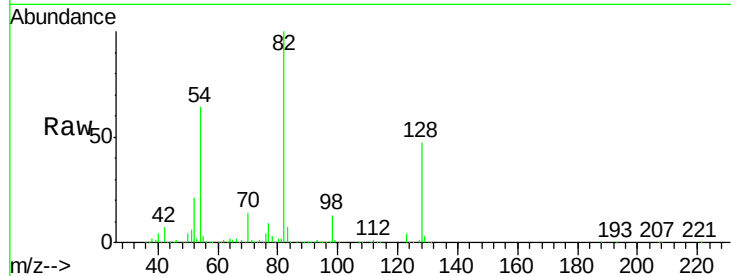




#23
 Nitrobenzene-d5
 Concen: 85.24 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

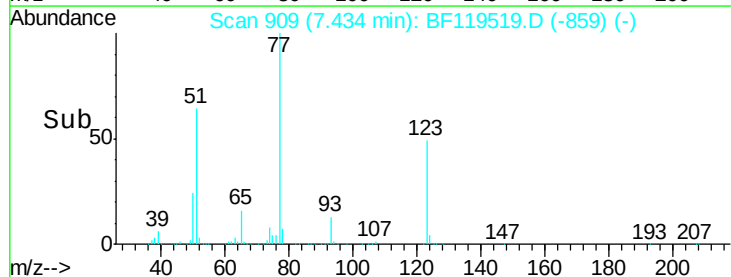
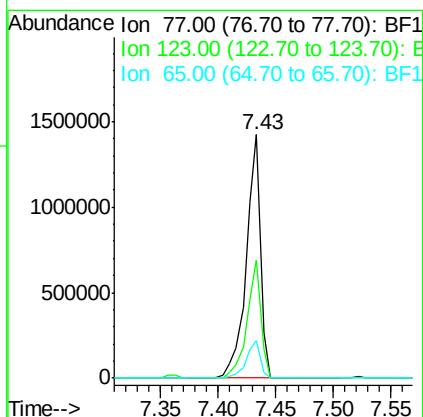
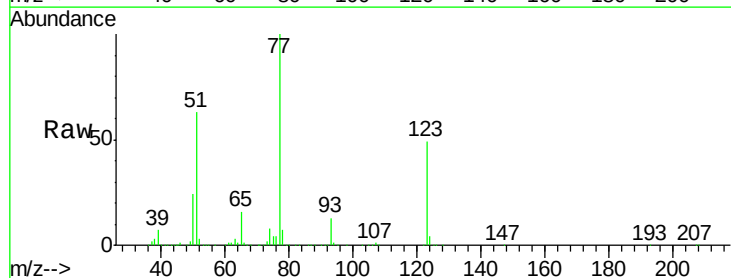
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

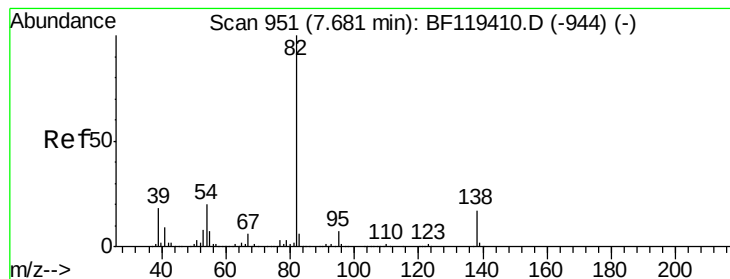
Tgt Ion: 82 Resp: 2364624
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.8 53.8
 54 63.8 53.4 80.0



#24
 Nitrobenzene
 Concen: 40.78 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion: 77 Resp: 1208994
 Ion Ratio Lower Upper
 77 100
 123 48.8 36.9 55.3
 65 15.6 12.2 18.4





#25

Isophorone

Concen: 41.72 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

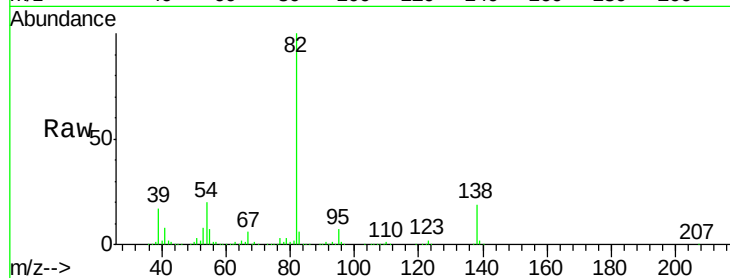
Tgt Ion: 82 Resp: 2347633

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

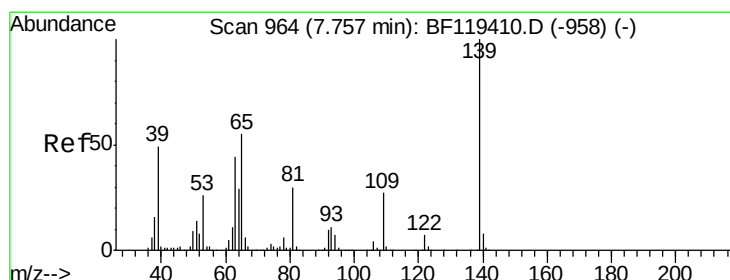
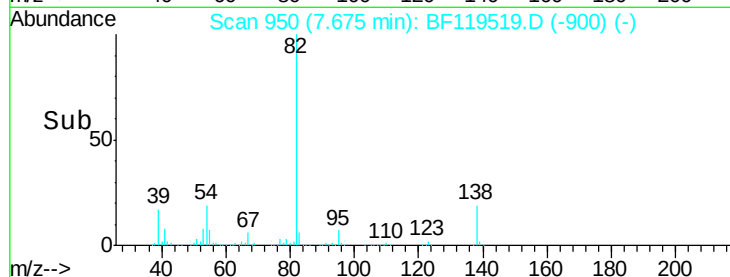
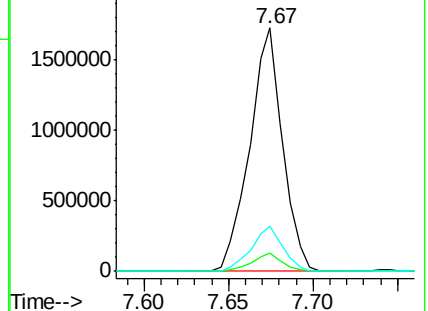
138 18.7 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.98 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

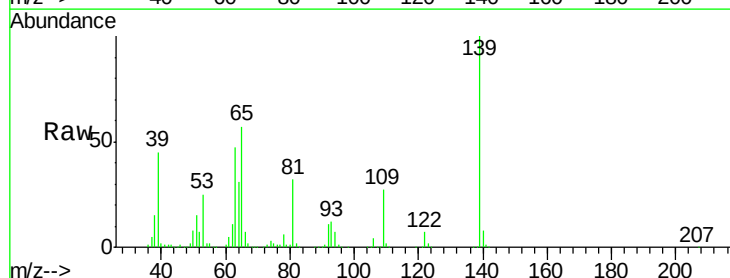
Tgt Ion: 139 Resp: 606748

Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

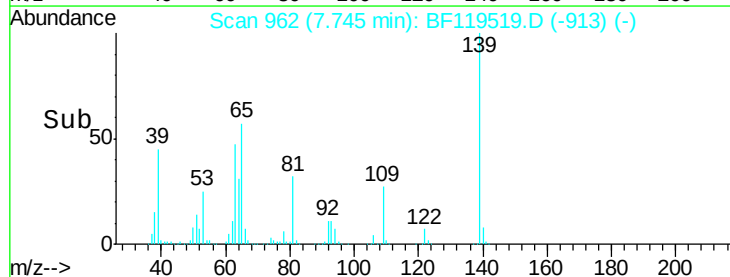
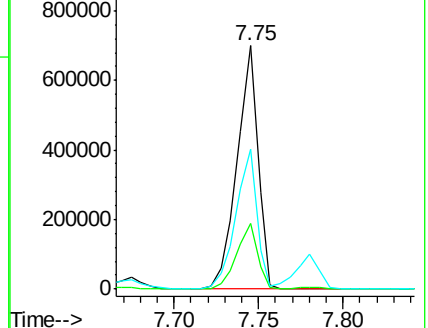
65 57.3 43.9 65.9

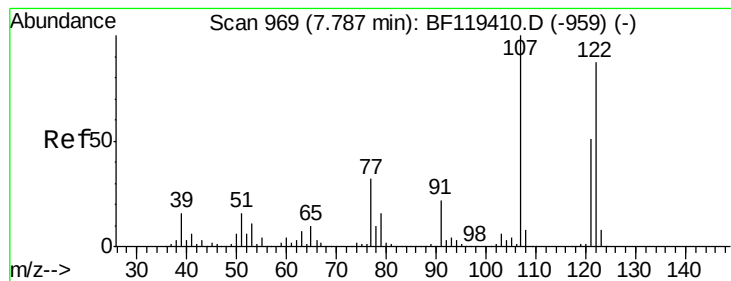


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.42 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

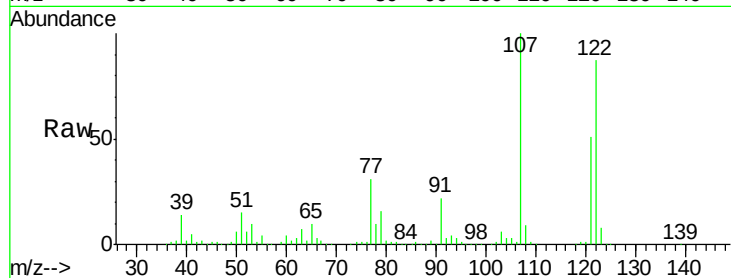
Tgt Ion:122 Resp: 927200

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.6

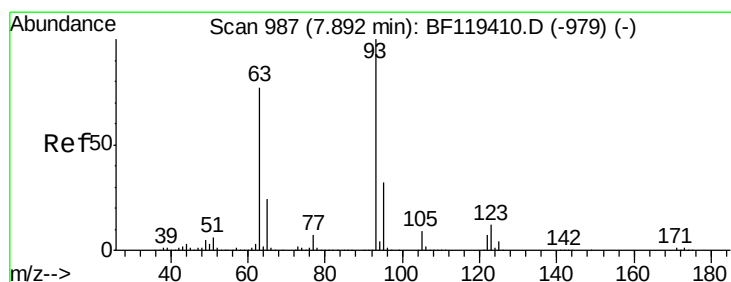
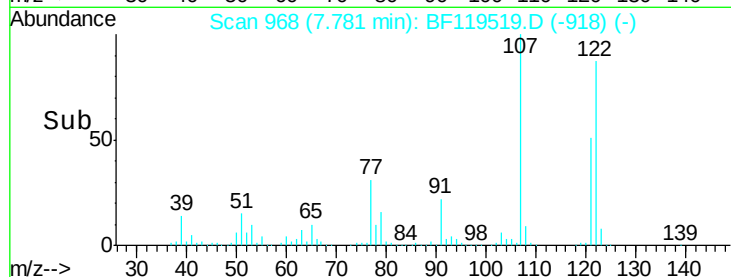
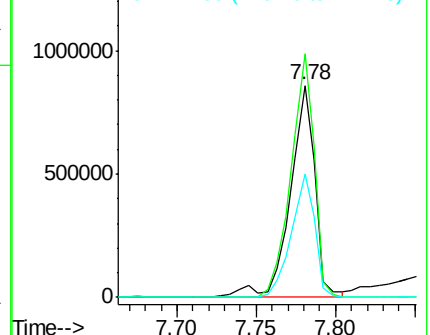
121 58.1 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.14 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

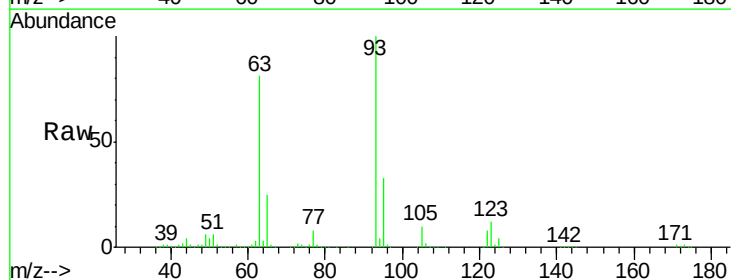
Tgt Ion: 93 Resp: 1402303

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

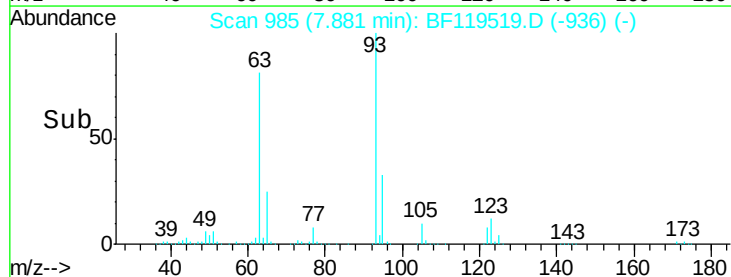
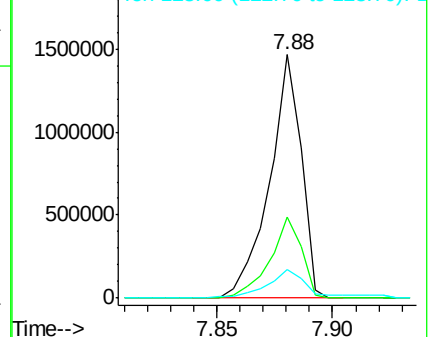
123 11.9 9.7 14.5

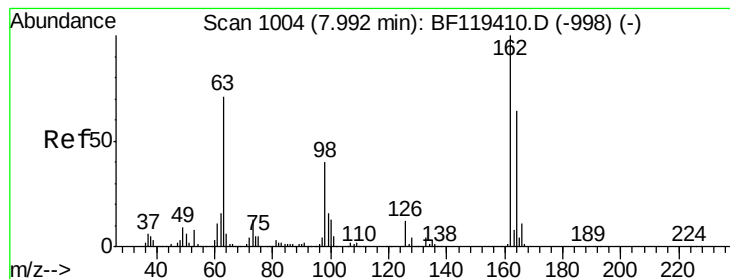


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.00 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

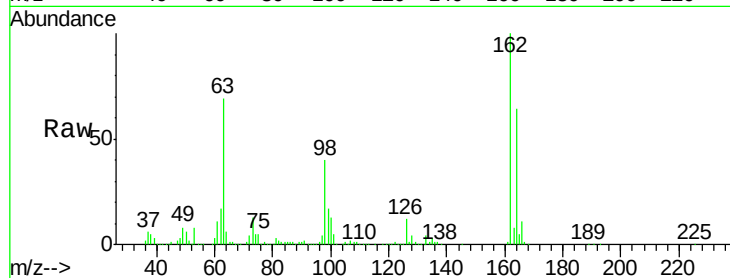
Tgt Ion:162 Resp: 953649

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

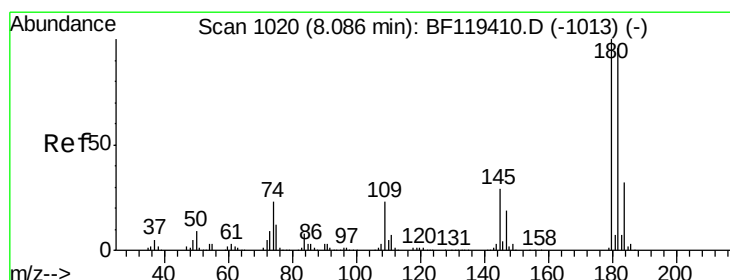
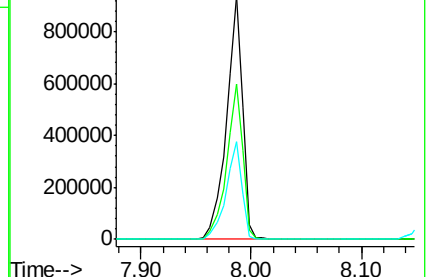
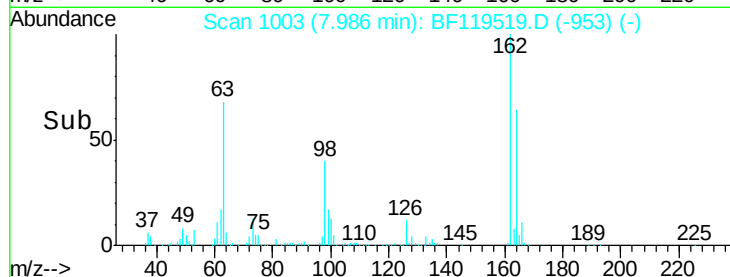
98 40.3 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

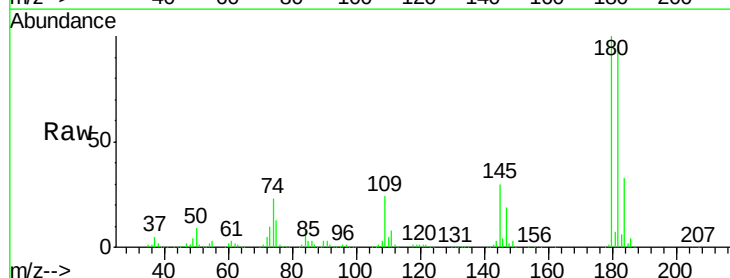
Tgt Ion:180 Resp: 1054594

Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

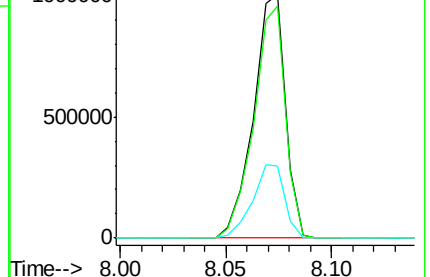
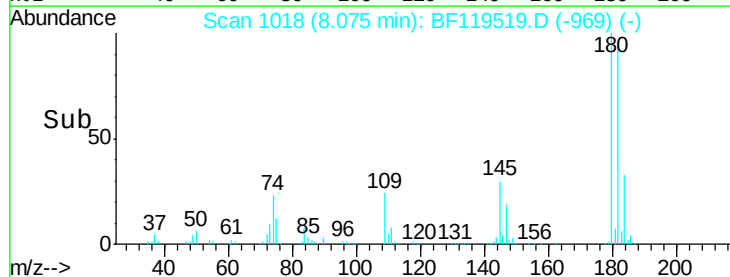
145 29.7 23.2 34.8

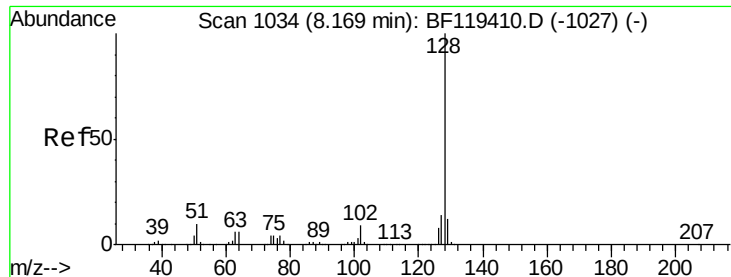


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

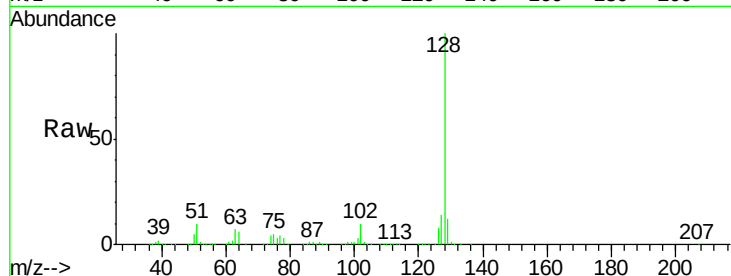




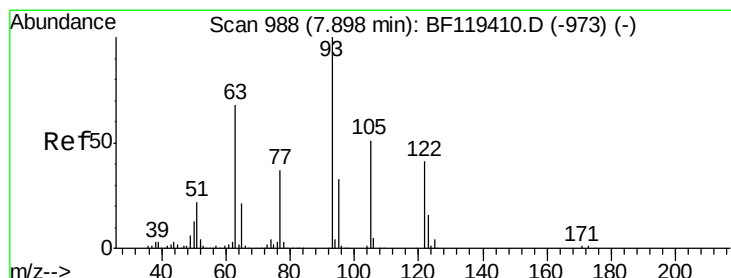
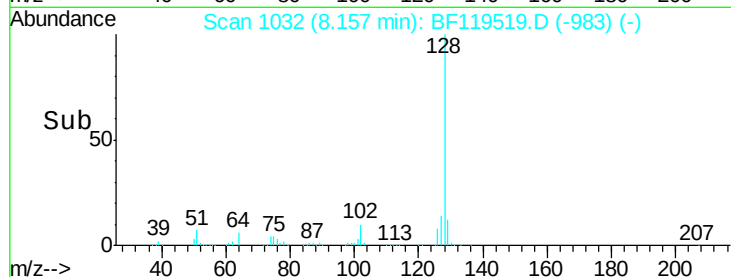
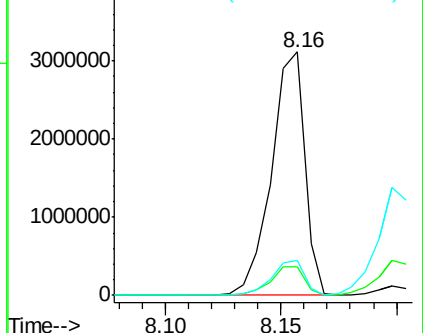
#31
Naphthalene
Concen: 40.10 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3110955
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.2 11.0 16.4

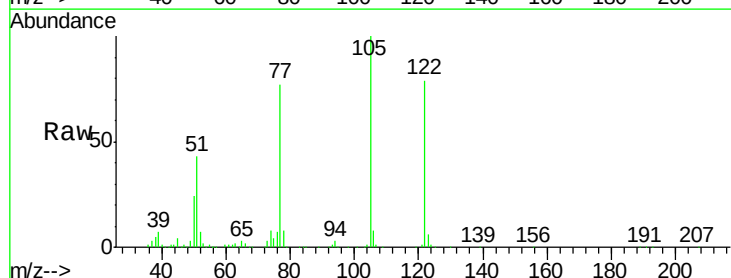


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

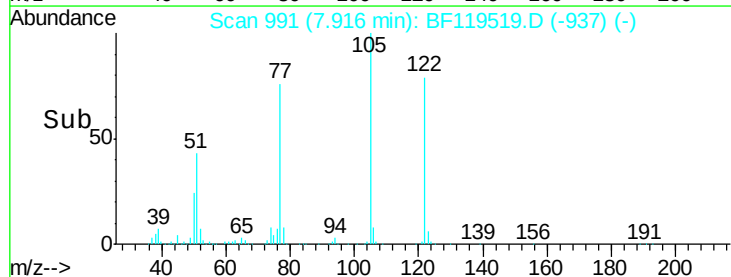
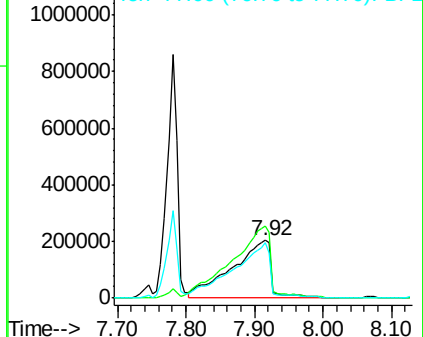


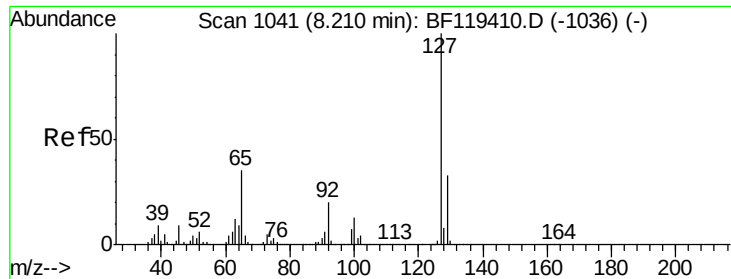
#32
Benzoic acid
Concen: 53.00 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:122 Resp: 822916
Ion Ratio Lower Upper
122 100
105 125.9 102.9 142.9
77 96.3 70.1 110.1



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

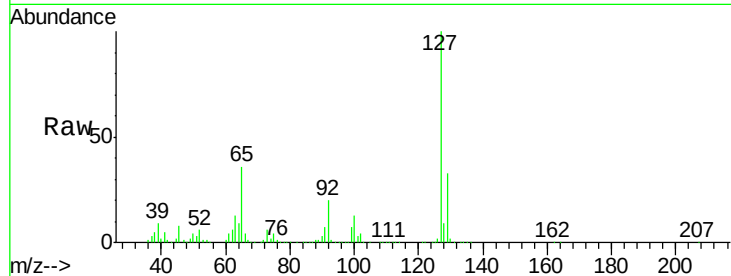




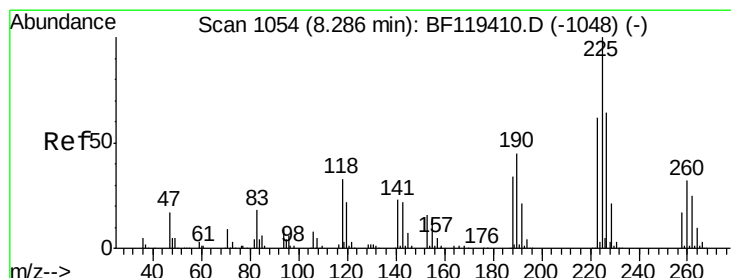
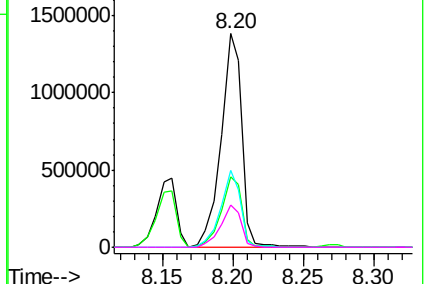
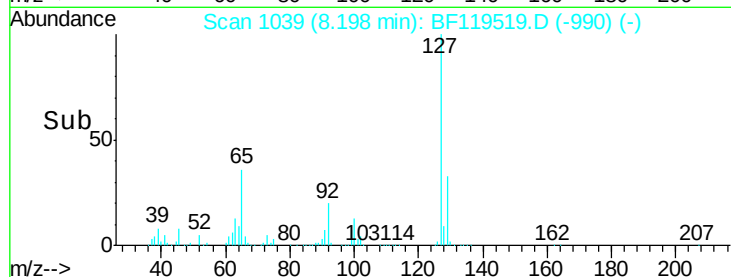
#33
4-Chloroaniline
Concen: 39.58 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	1407205
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	36.1	27.7	41.5
92	20.1	15.8	23.6

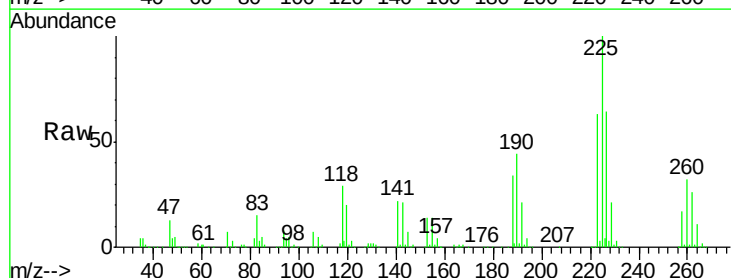


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

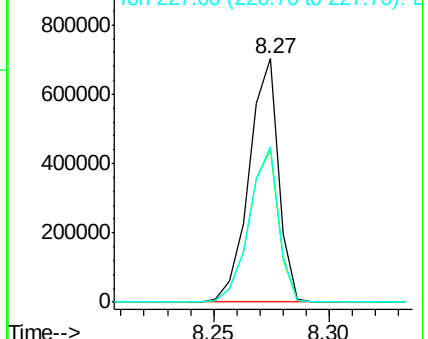
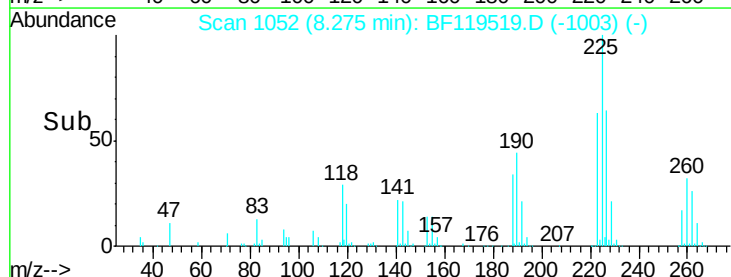


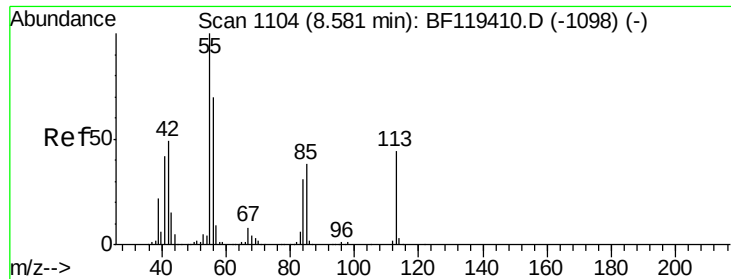
#34
Hexachlorobutadiene
Concen: 45.68 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:	225	Resp:	626840
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.2	73.8
227	63.8	51.1	76.7



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

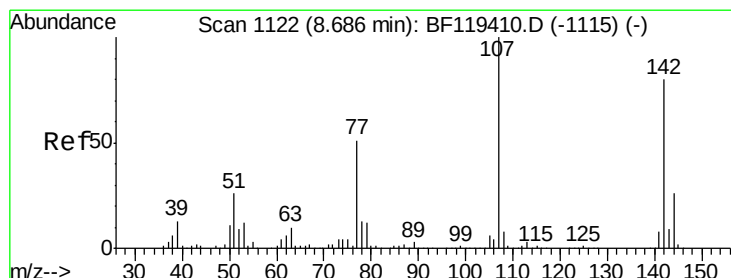
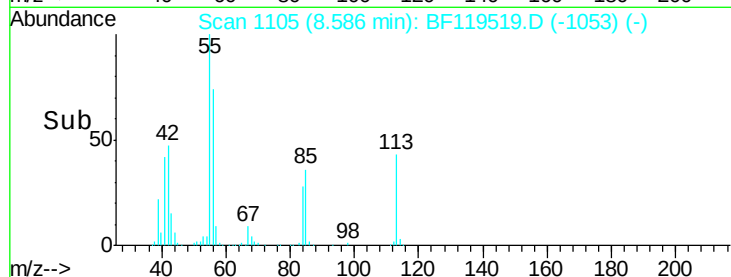
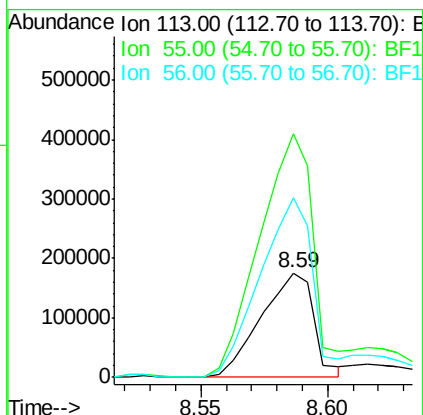
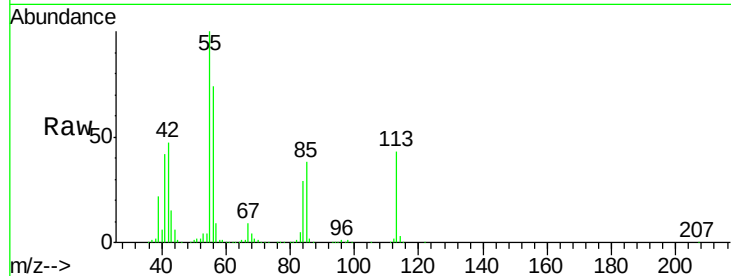




#35
 Caprolactam
 Concen: 35.34 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

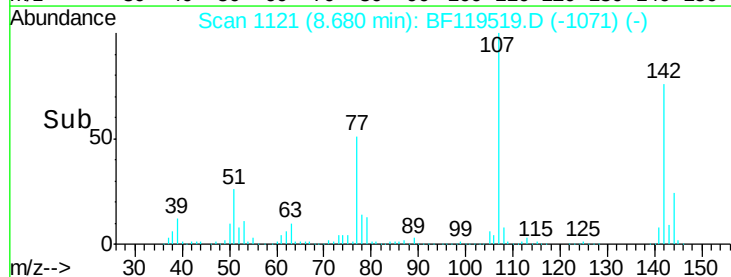
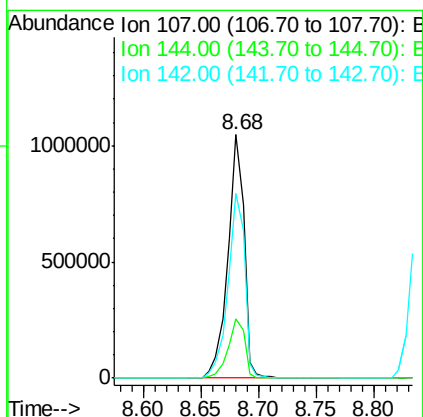
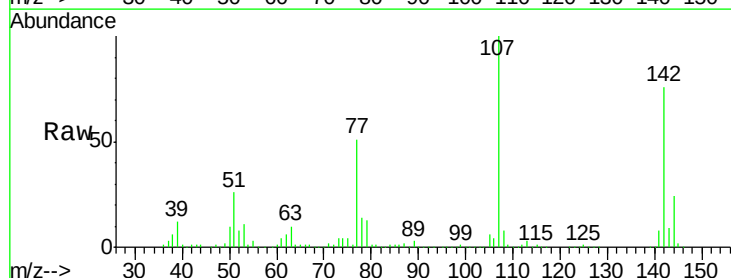
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

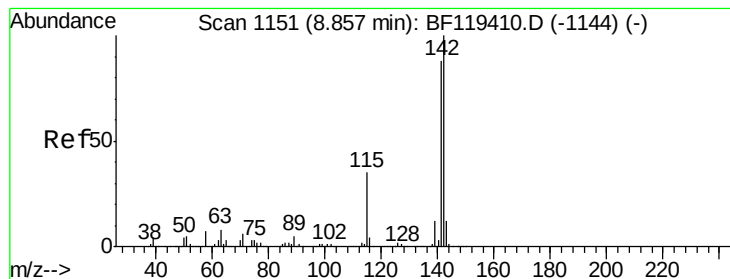
Tgt Ion:113 Resp: 256490
 Ion Ratio Lower Upper
 113 100
 55 233.1 208.4 248.4
 56 171.9 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.95 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:107 Resp: 1016767
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.6 31.0
 142 75.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.92 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

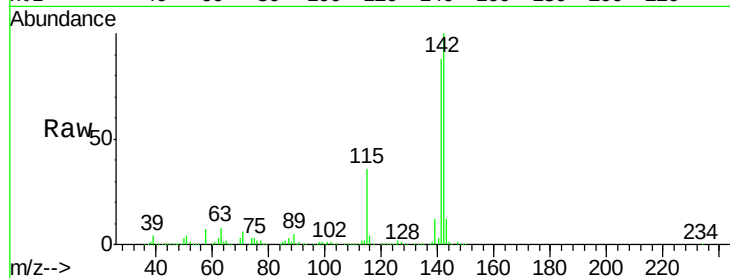
Tgt Ion:142 Resp: 2134584

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

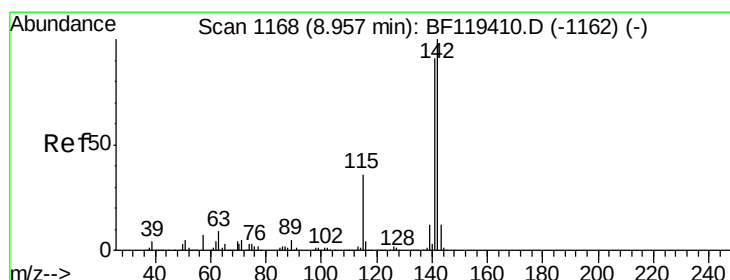
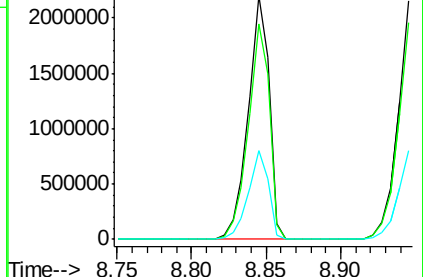
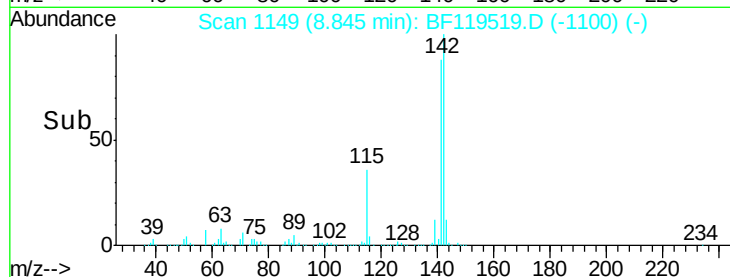
115 36.3 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.88 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

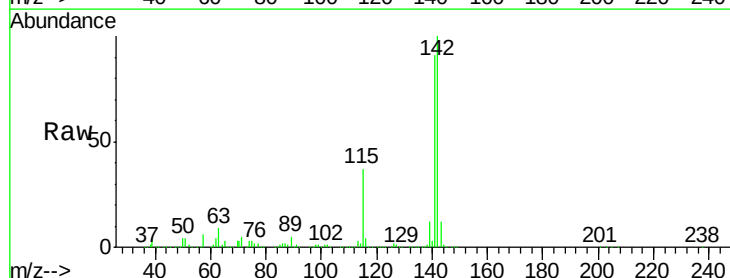
Tgt Ion:142 Resp: 2018423

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7

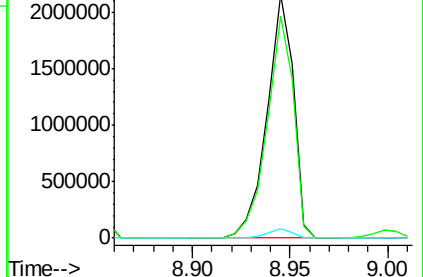
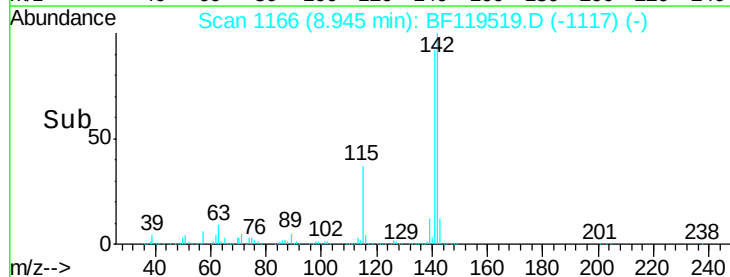
116 3.7 3.0 4.6

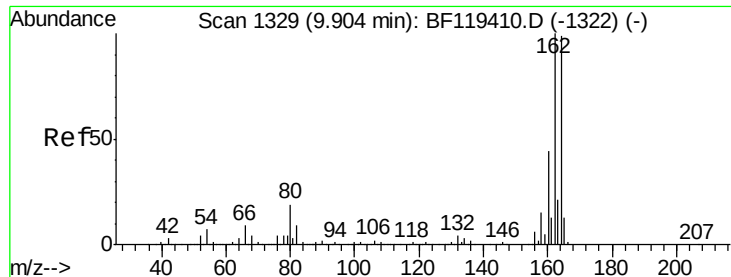


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

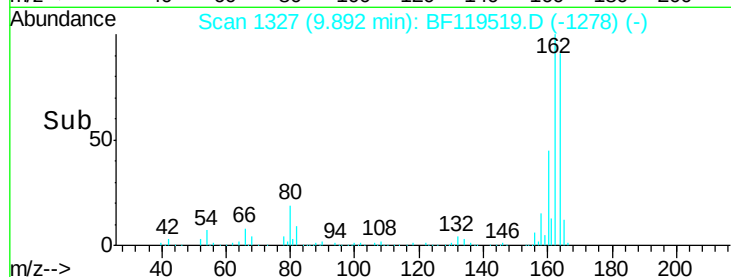
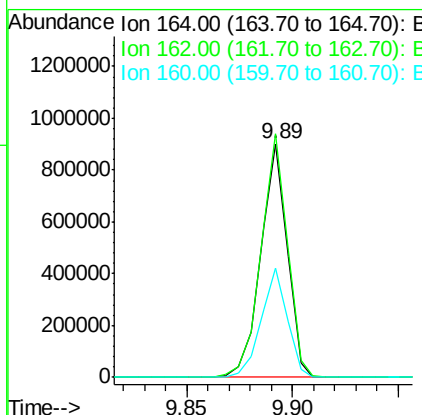
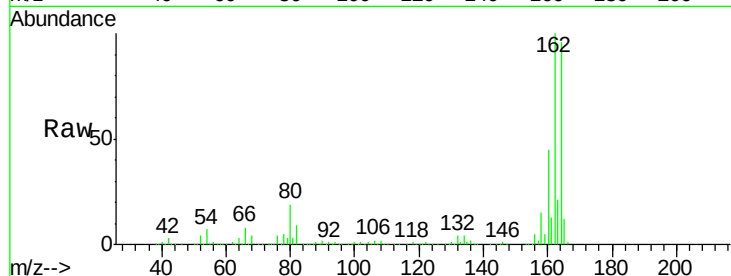




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

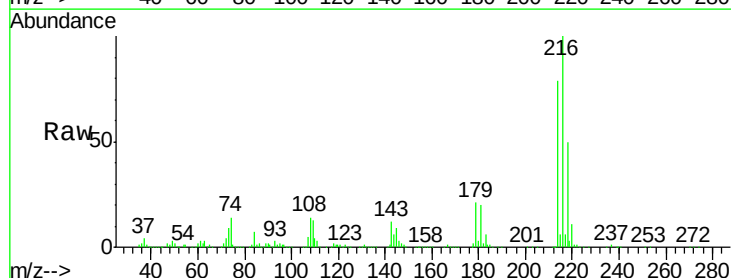
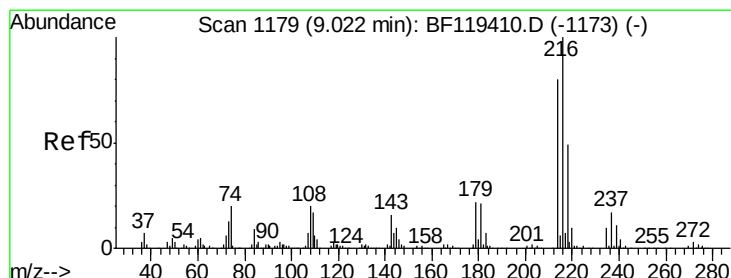
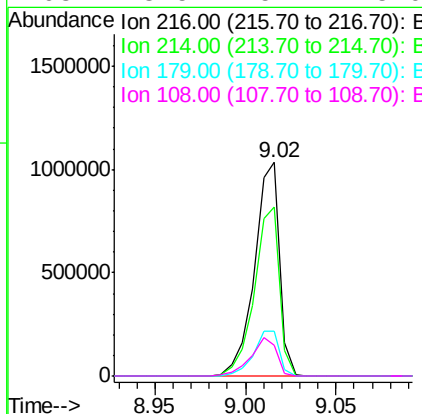
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

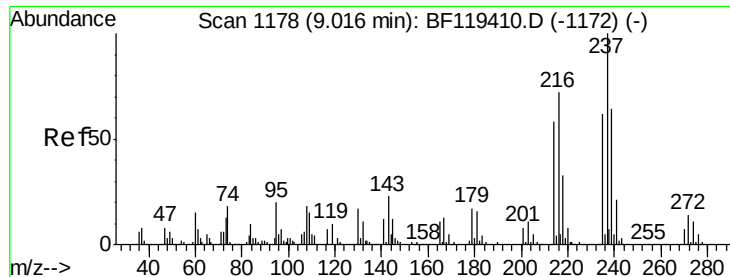
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	46.6	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.89 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	21.6	17.0	25.4
108	18.5	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 39.60 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

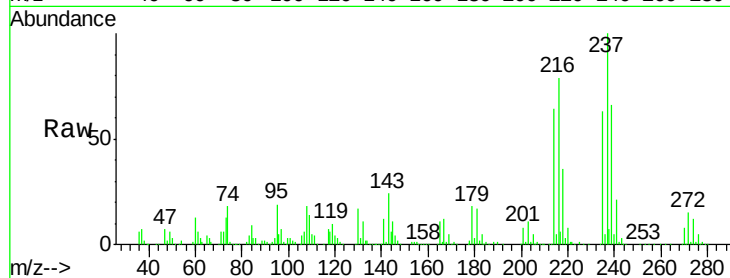
Tgt Ion:237 Resp: 520544

Ion Ratio Lower Upper

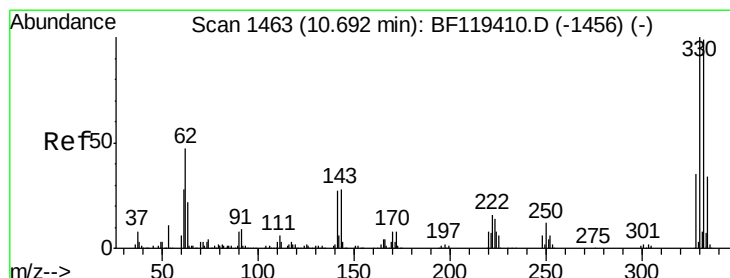
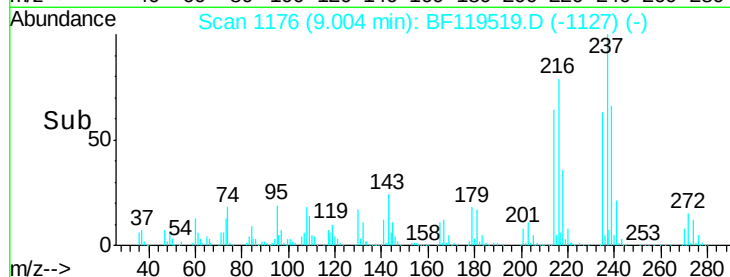
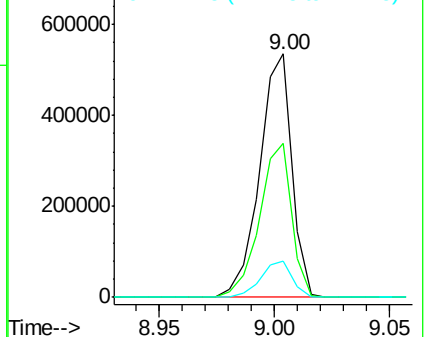
237 100

235 63.3 42.5 82.5

272 14.9 0.0 34.3



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: 93.80 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

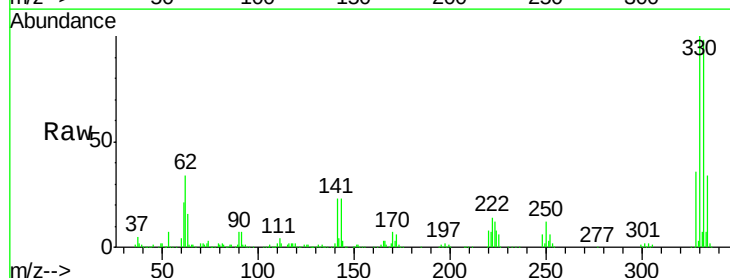
Tgt Ion:330 Resp: 763317

Ion Ratio Lower Upper

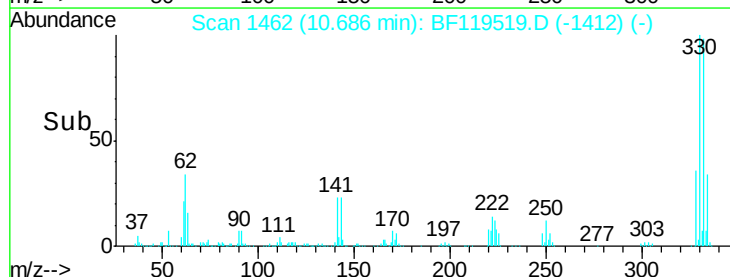
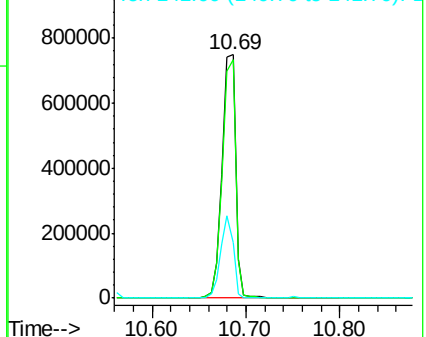
330 100

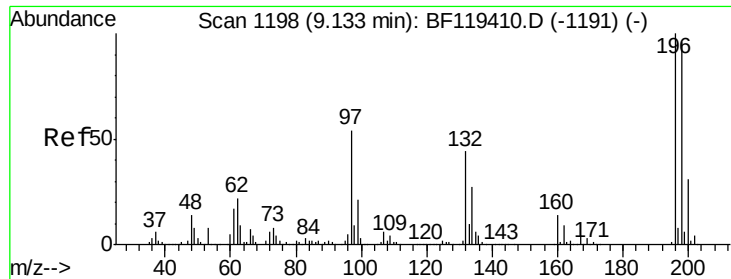
332 95.9 77.6 116.4

141 31.7 26.6 40.0



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

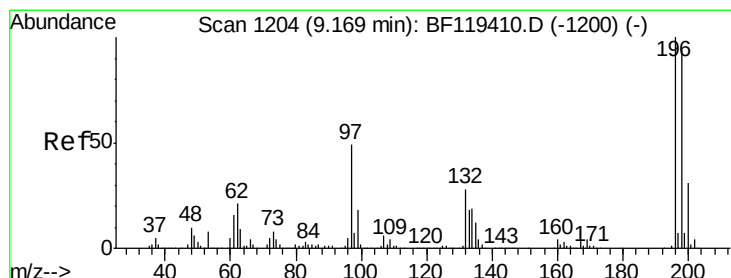
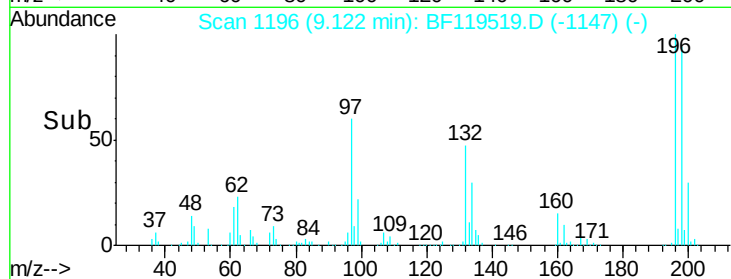
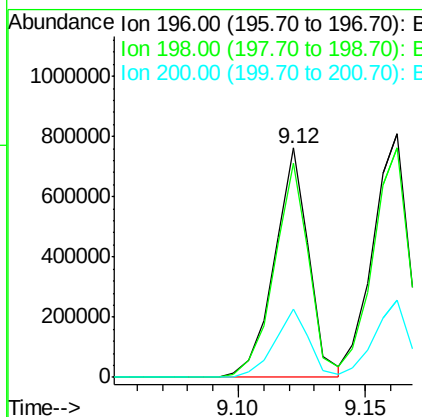
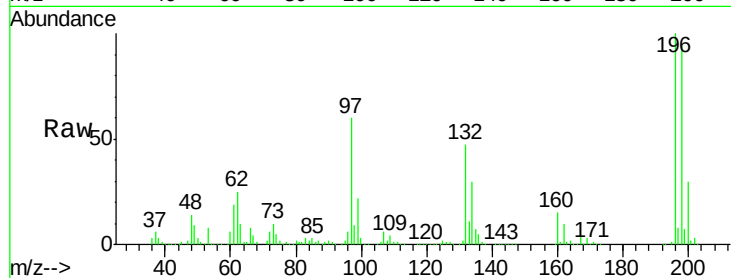




#43
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

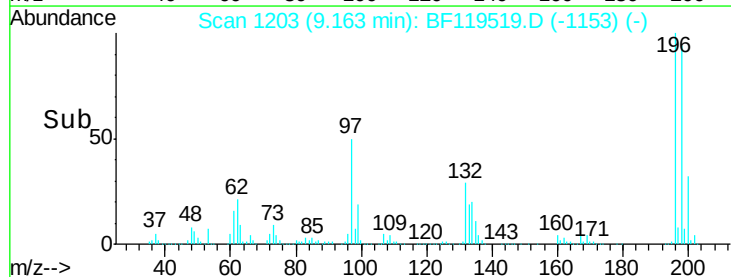
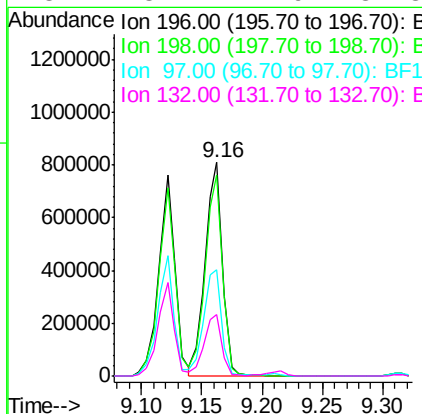
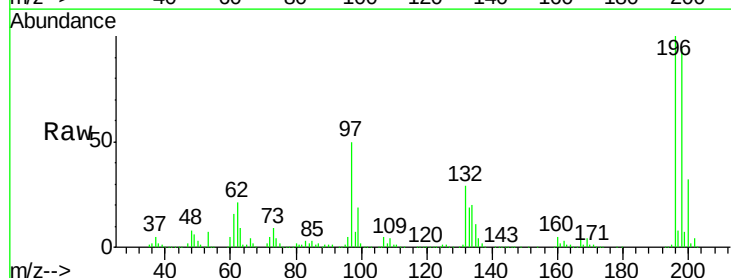
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

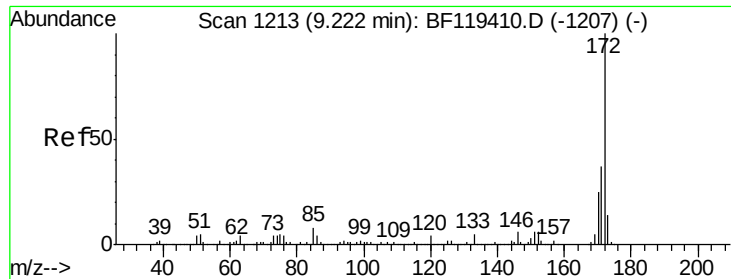
Tgt Ion:	196	Resp:	719520
Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.0	115.4
200	30.0	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:	196	Resp:	799187
Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.3	112.9
97	50.0	39.0	58.4
132	28.7	22.9	34.3

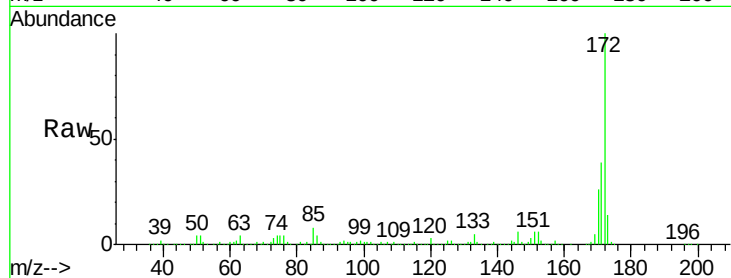




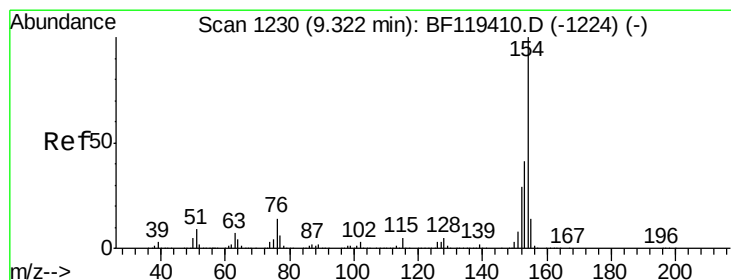
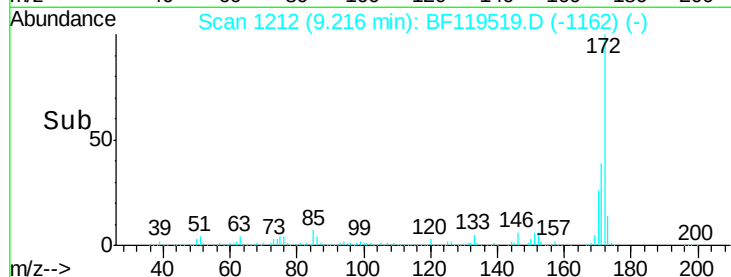
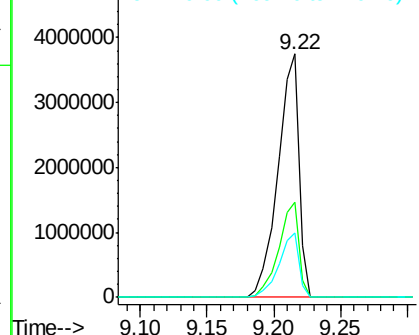
#45
2-Fluorobiphenyl
Concen: 77.59 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4131394
Ion Ratio Lower Upper
172 100
171 39.1 29.9 44.9
170 26.2 20.1 30.1

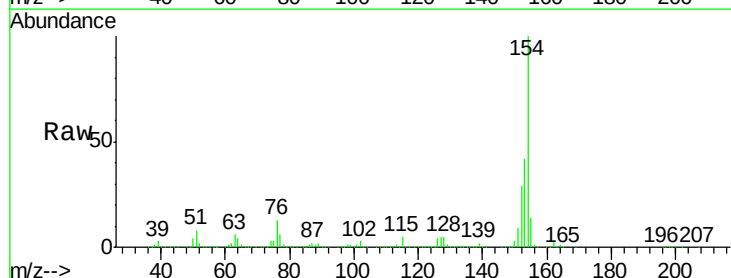


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

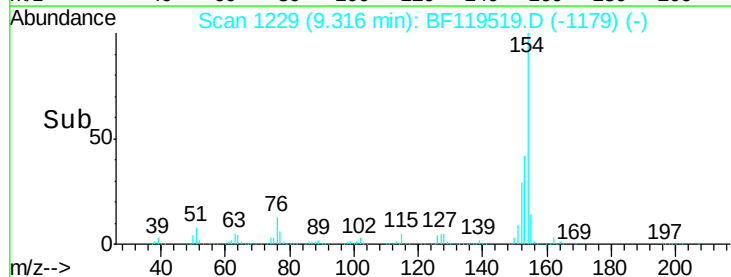
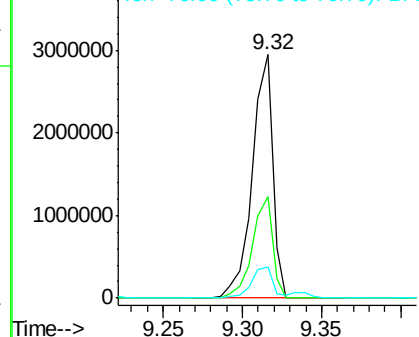


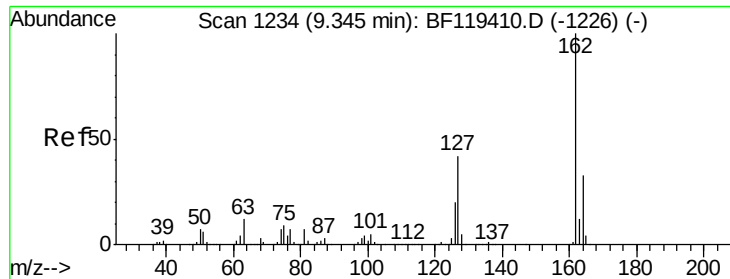
#46
1,1'-Biphenyl
Concen: 40.87 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:154 Resp: 2625849
Ion Ratio Lower Upper
154 100
153 41.9 21.4 61.4
76 12.6 0.0 33.6



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

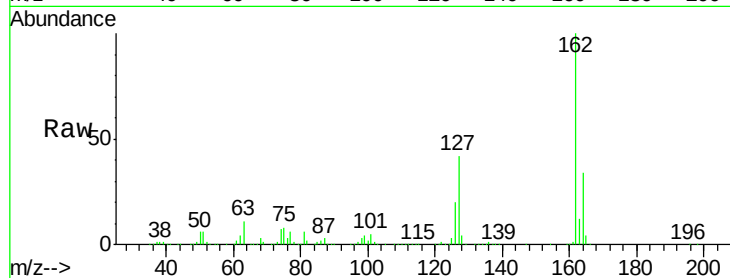




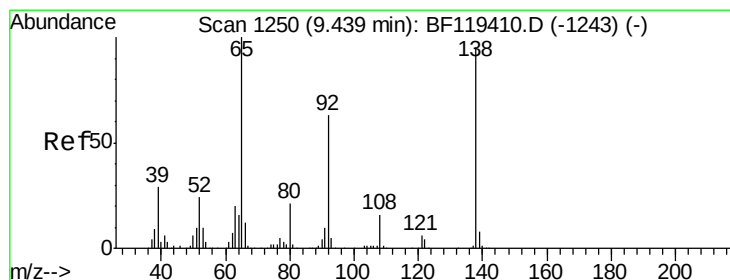
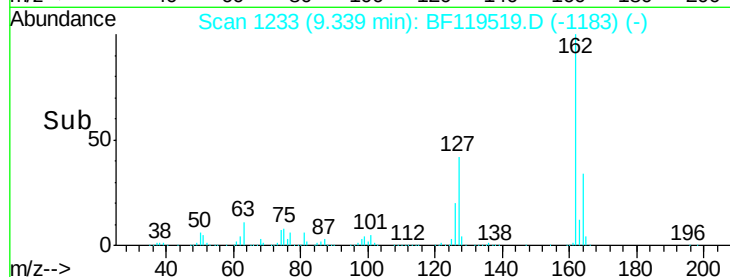
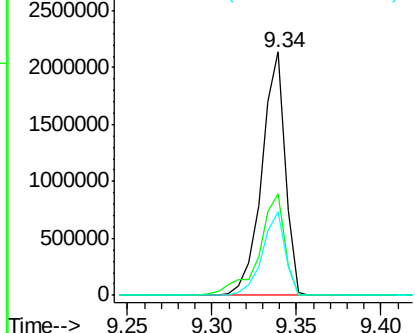
#47
 2-Chloronaphthalene
 Concen: 40.56 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 2041115
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.7 50.5
 164 34.4 26.2 39.4

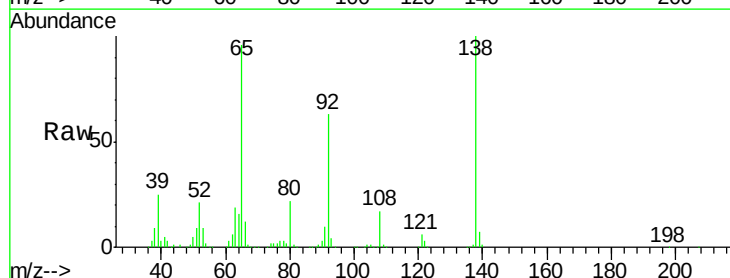


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

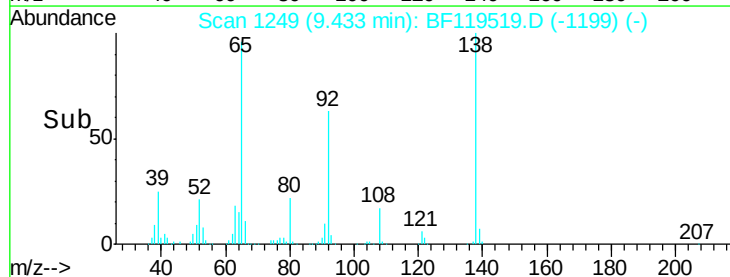
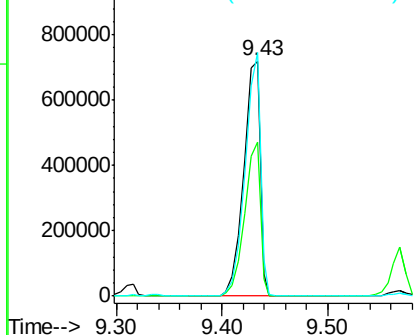


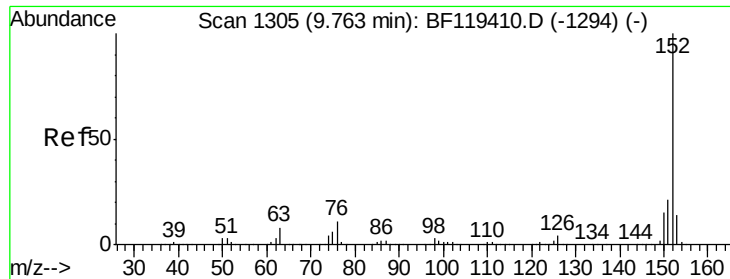
#48
 2-Nitroaniline
 Concen: 44.09 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion: 65 Resp: 765809
 Ion Ratio Lower Upper
 65 100
 92 65.5 50.5 75.7
 138 103.7 75.8 113.8



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: 39.09 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

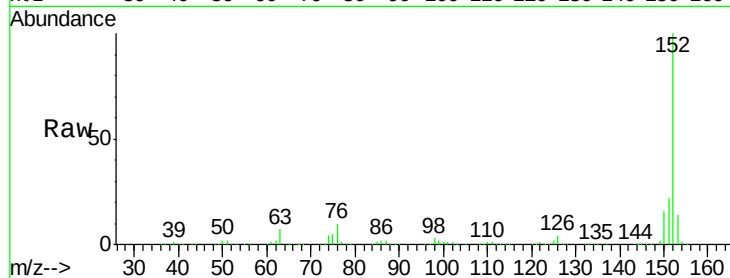
Tgt Ion:152 Resp: 3089430

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

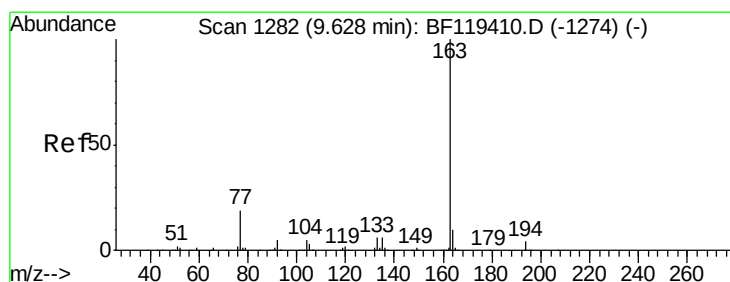
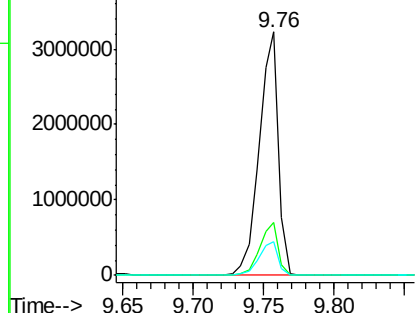
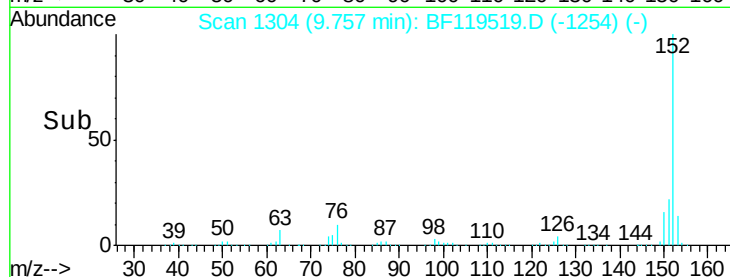
153 13.9 11.2 16.8



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: 42.71 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

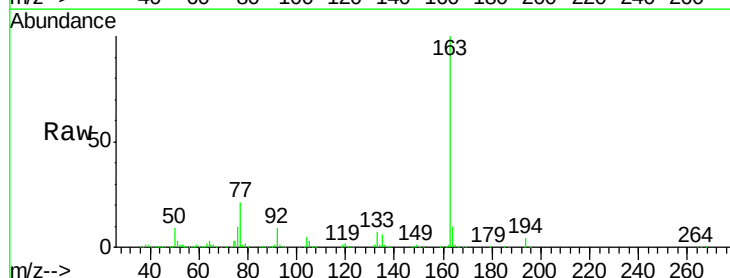
Tgt Ion:163 Resp: 2392793

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

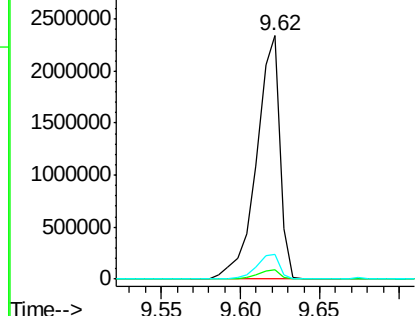
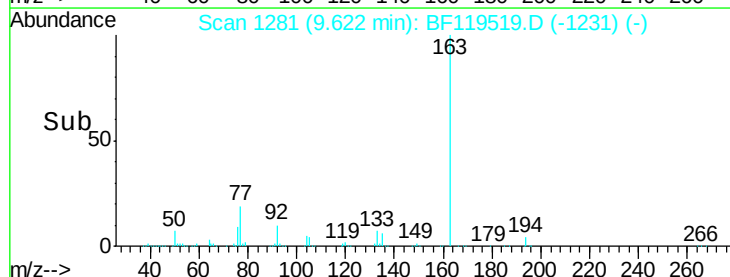
164 10.3 8.1 12.1

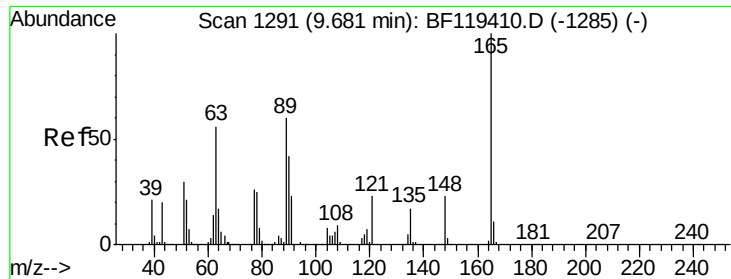


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

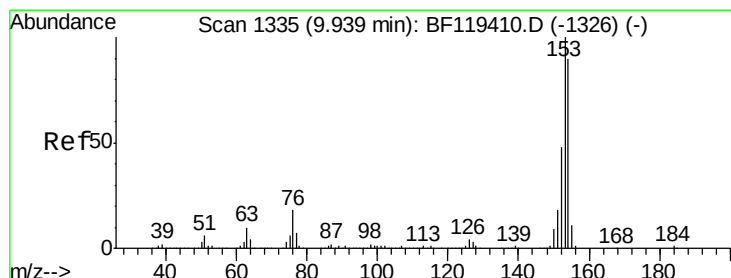
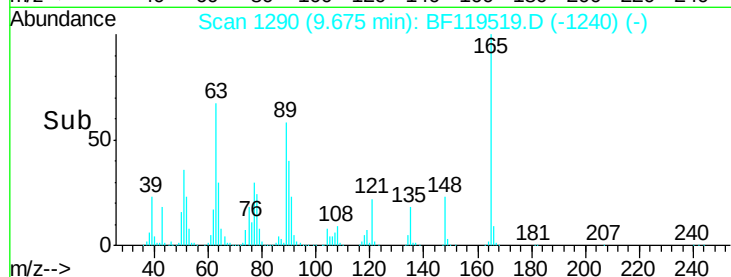
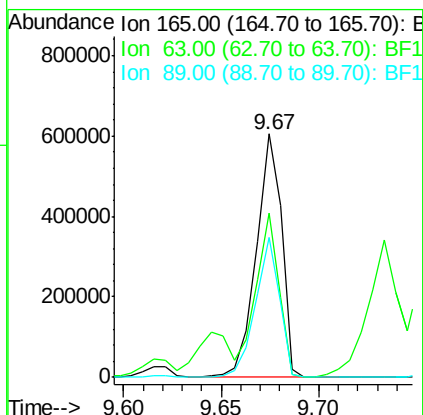
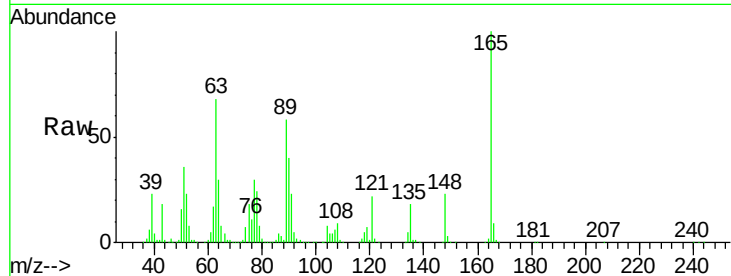




#51
 2,6-Dinitrotoluene
 Concen: 45.47 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

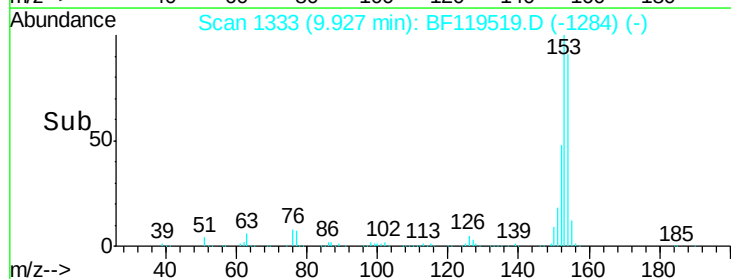
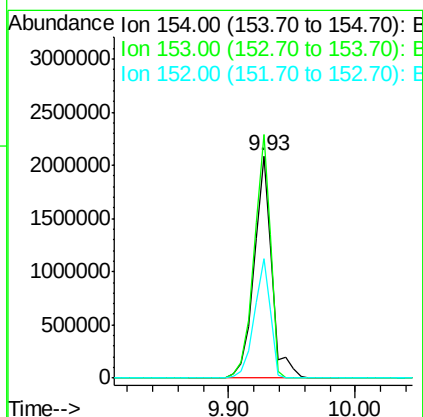
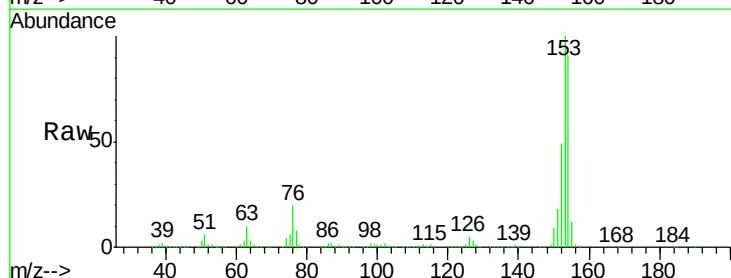
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

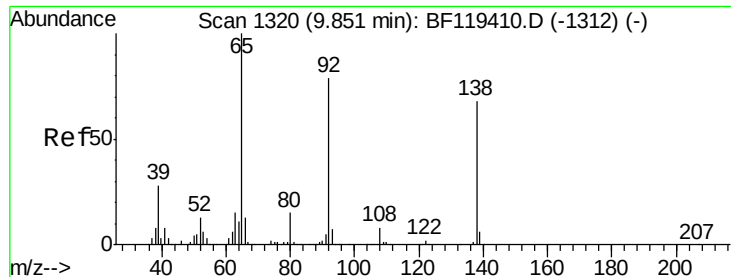
Tgt Ion:165 Resp: 546132
 Ion Ratio Lower Upper
 165 100
 63 67.7 57.3 85.9
 89 57.6 47.8 71.8



#52
 Acenaphthene
 Concen: 41.42 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:154 Resp: 2040605
 Ion Ratio Lower Upper
 154 100
 153 109.5 89.0 133.6
 152 53.5 43.1 64.7

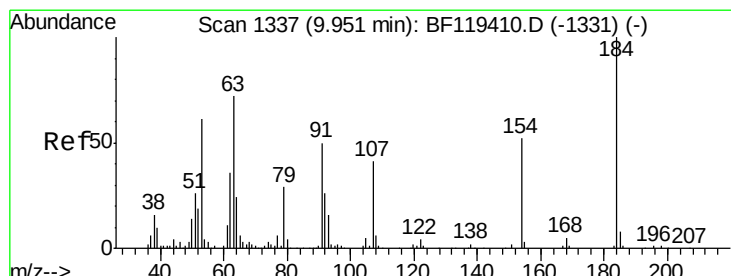
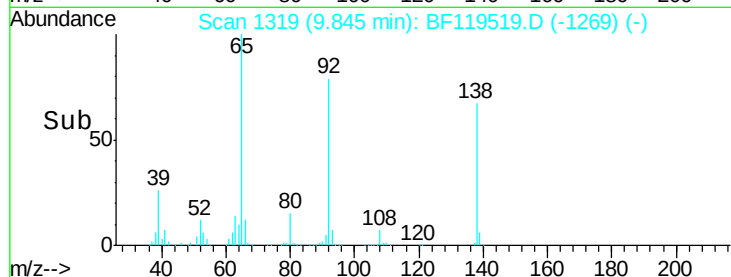
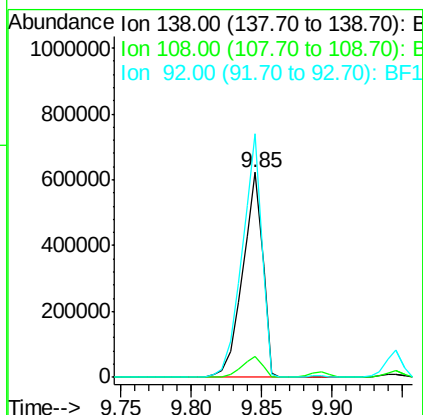
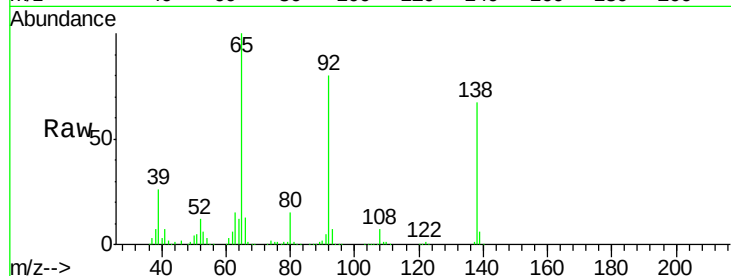




#53
3-Nitroaniline
Concen: 40.47 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

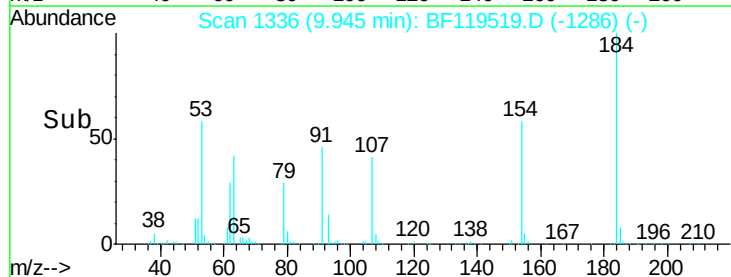
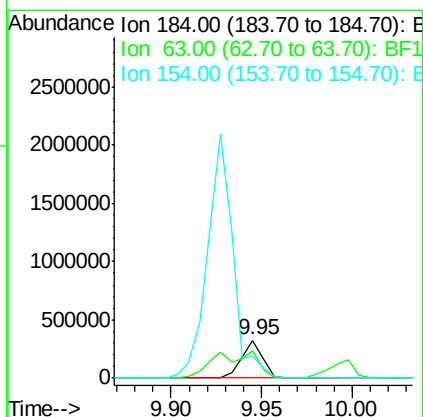
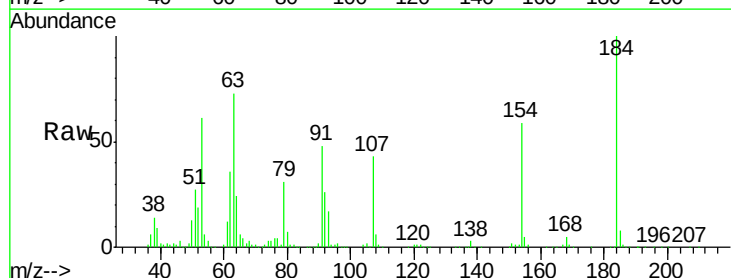
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

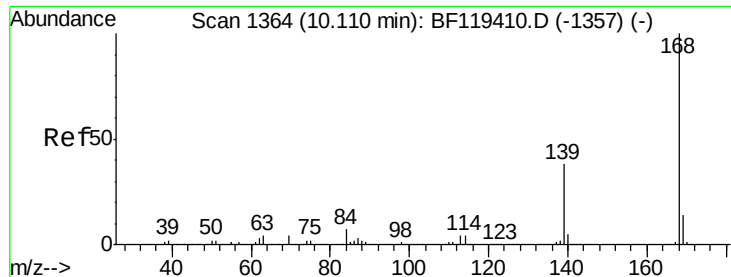
Tgt Ion:138 Resp: 613666
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.6
92 118.7 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 53.70 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:184 Resp: 265401
Ion Ratio Lower Upper
184 100
63 72.8 58.5 87.7
154 58.6 51.8 77.6

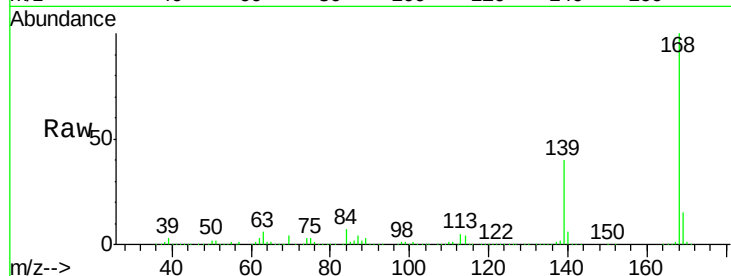




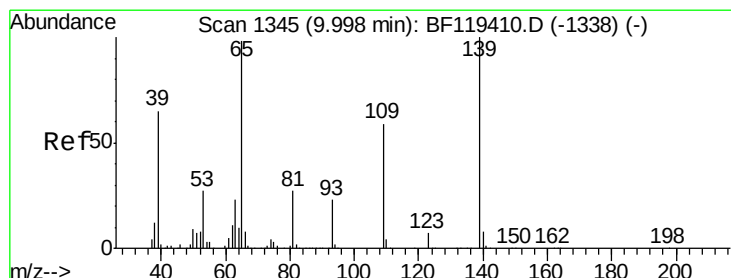
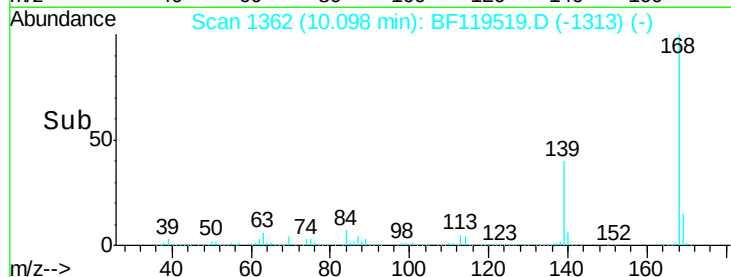
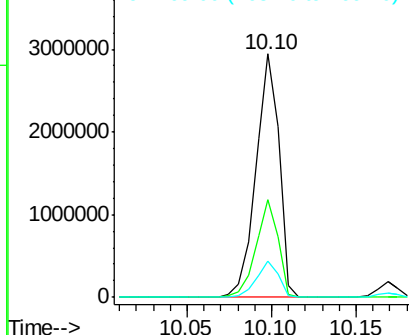
#55
Dibenzofuran
Concen: 39.79 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2810838
Ion Ratio Lower Upper
168 100
139 40.4 30.2 45.4
169 14.8 11.1 16.7

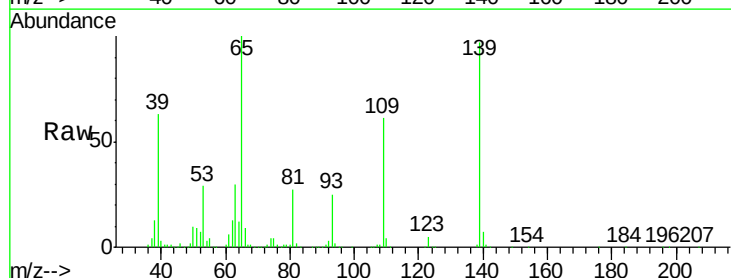


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

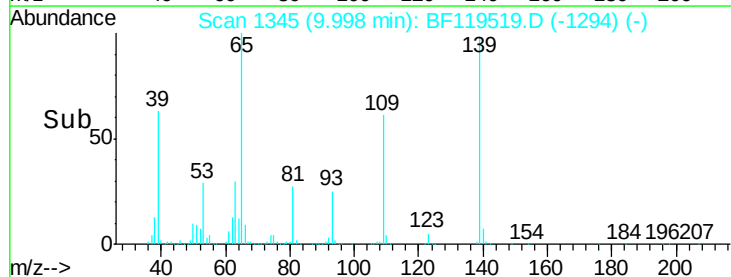
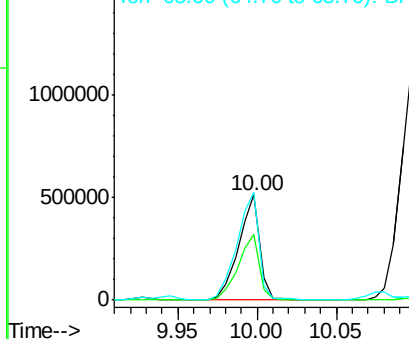


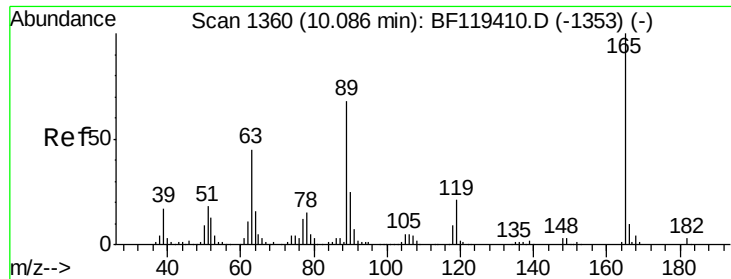
#56
4-Nitrophenol
Concen: 39.63 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:139 Resp: 474067
Ion Ratio Lower Upper
139 100
109 62.9 39.6 79.6
65 102.7 78.3 118.3



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

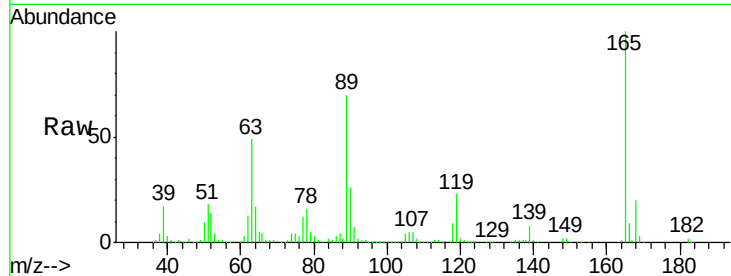




#57
2,4-Dinitrotoluene
Concen: 46.85 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	708820
Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.2	54.4
89	70.3	54.3	81.5
182	2.5	2.0	3.0

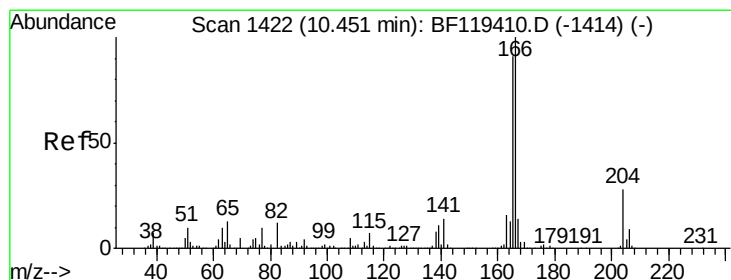
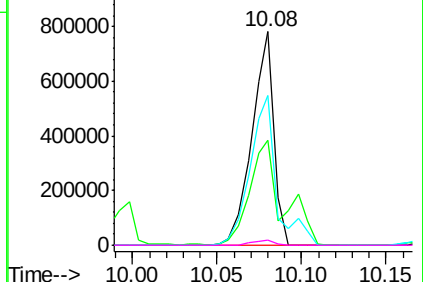
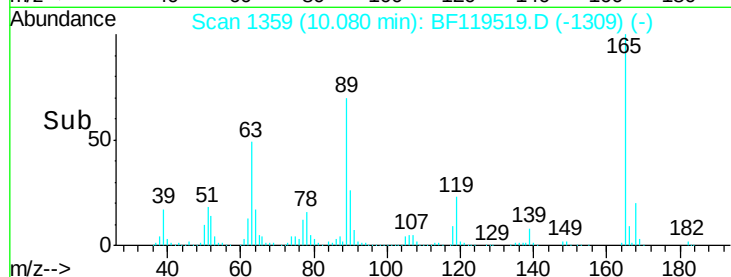


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

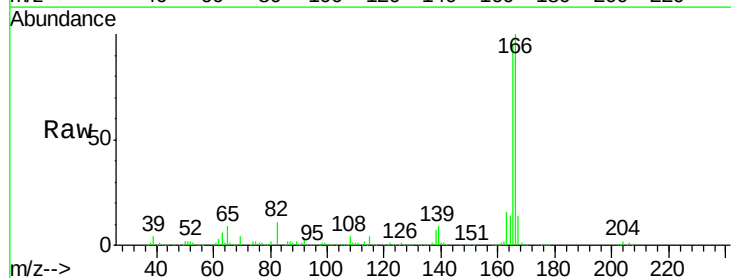
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.45 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

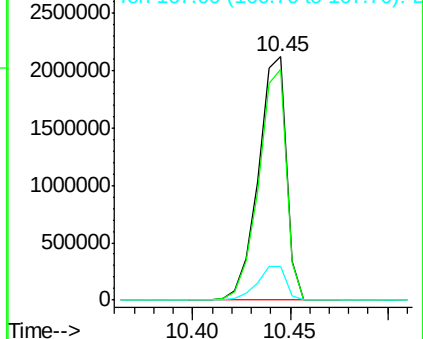
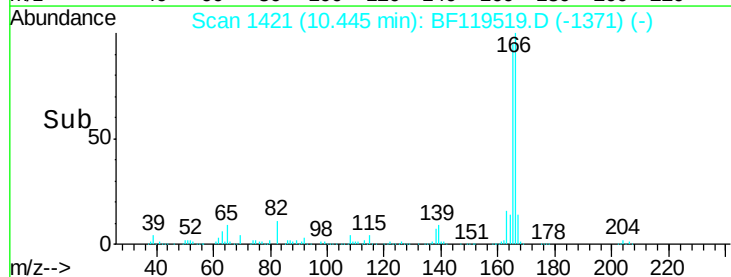
Tgt Ion:	166	Resp:	2112671
Ion	Ratio	Lower	Upper
166	100		
165	94.9	73.1	109.7
167	14.0	11.0	16.6

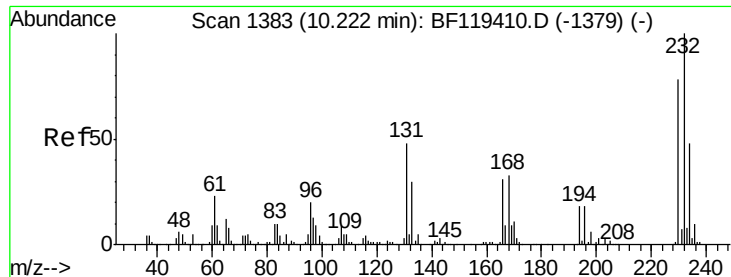


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

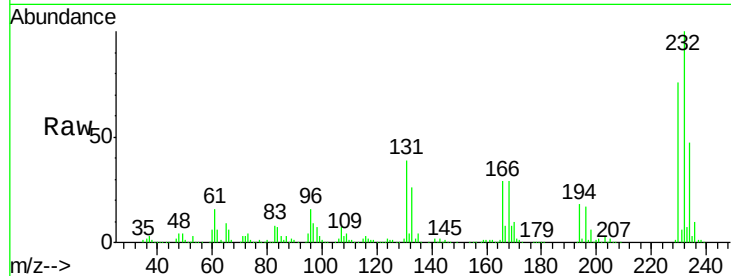




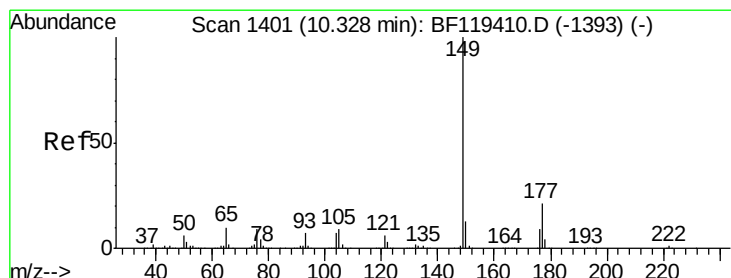
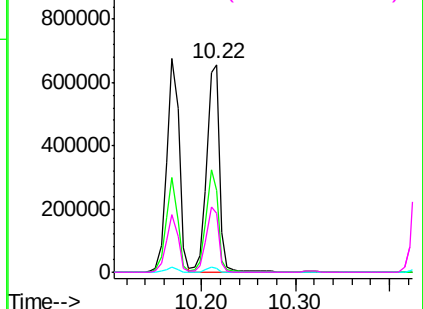
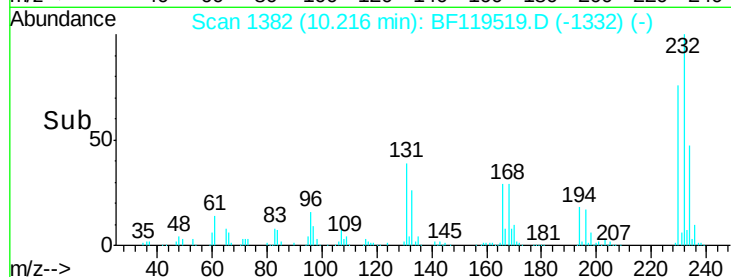
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.60 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 631772
 Ion Ratio Lower Upper
 232 100
 131 45.9 36.3 54.5
 130 2.1 1.8 2.6
 166 30.5 24.9 37.3

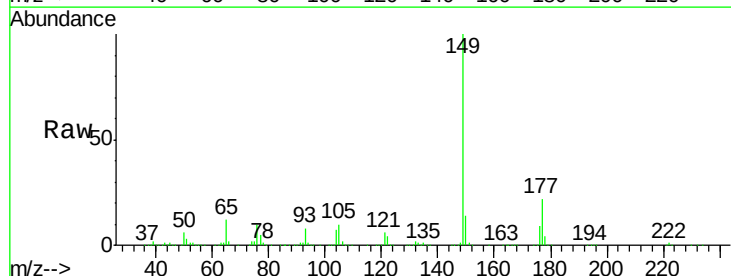


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

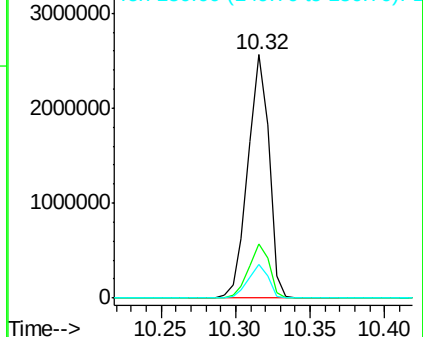
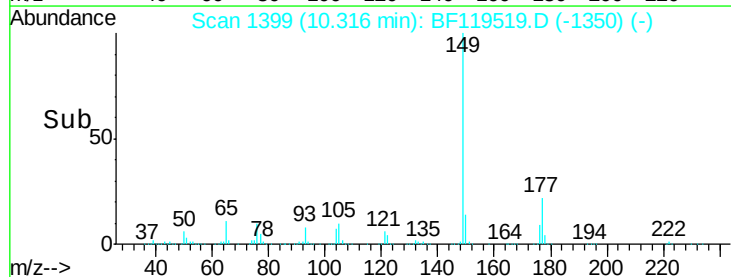


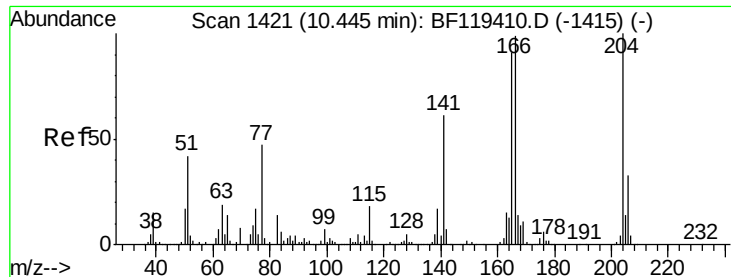
#60
 Diethylphthalate
 Concen: 44.12 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion: 149 Resp: 2508861
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.0 25.6
 150 13.6 10.2 15.4



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

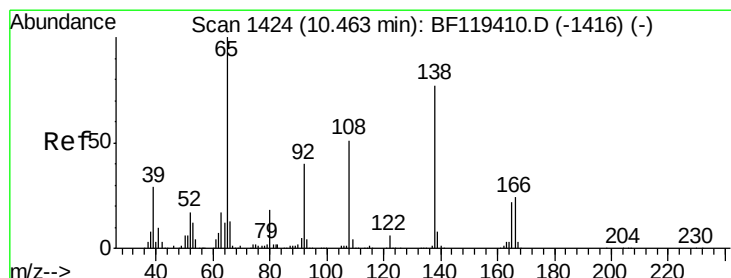
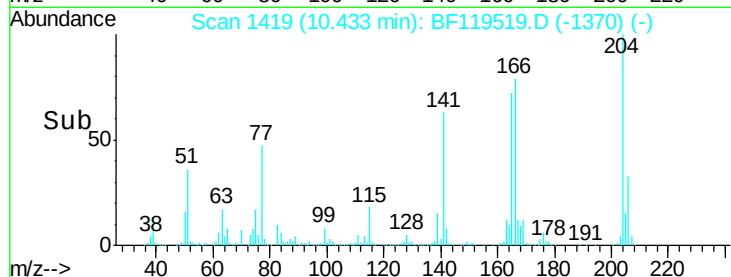
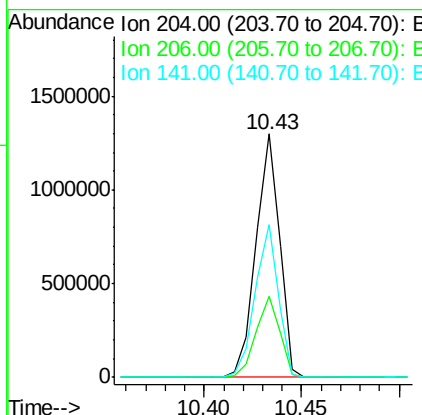
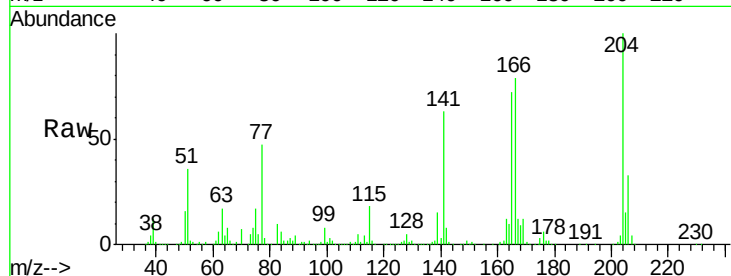




#61
 4-Chlorophenyl-phenylether
 Concen: 42.65 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

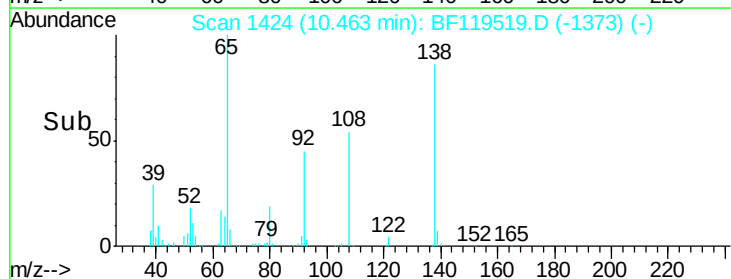
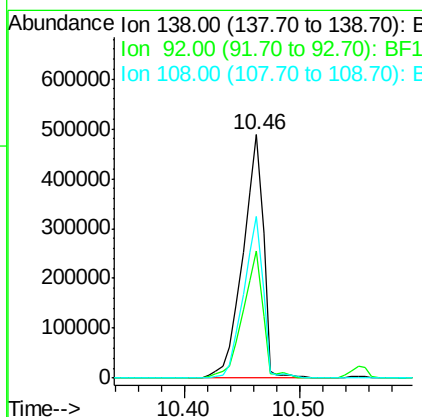
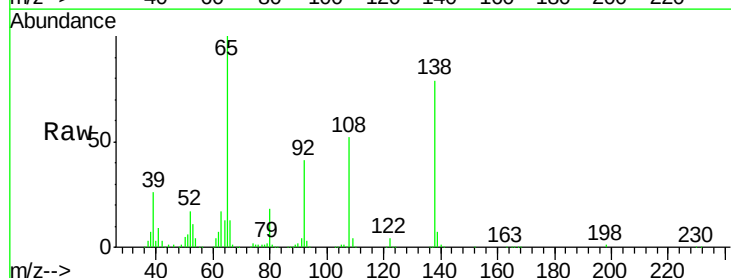
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

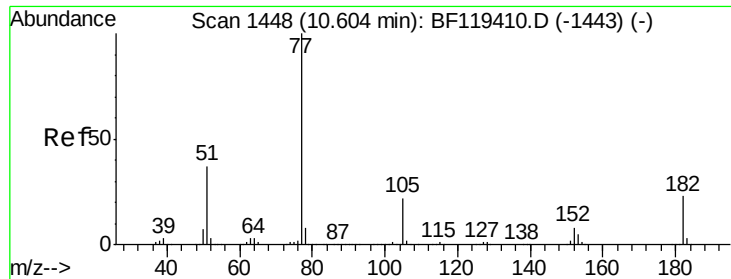
Tgt Ion:204 Resp: 1089477
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 62.9 48.8 73.2



#62
 4-Nitroaniline
 Concen: 41.27 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:138 Resp: 600054
 Ion Ratio Lower Upper
 138 100
 92 52.0 32.0 72.0
 108 66.4 46.0 86.0





#63

Azobenzene

Concen: 41.03 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

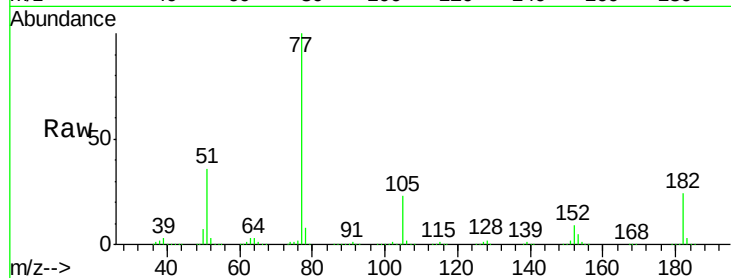
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2349827

Ion	Ratio	Lower	Upper
77	100		
182	23.7	2.5	42.5
105	23.1	2.5	42.5
51	35.8	17.1	57.1

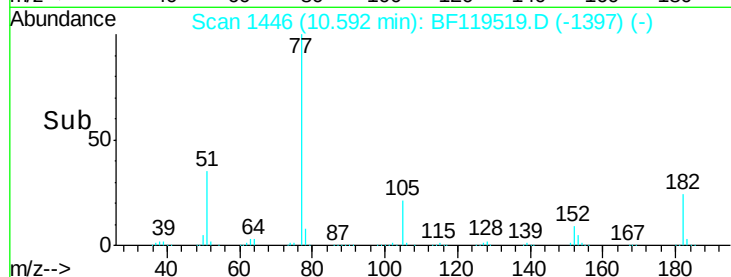


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



Time-->

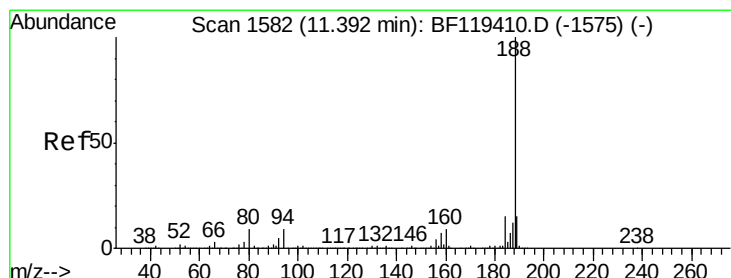
10.59

2000000

1000000

0

10.55 10.60 10.65



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 1580

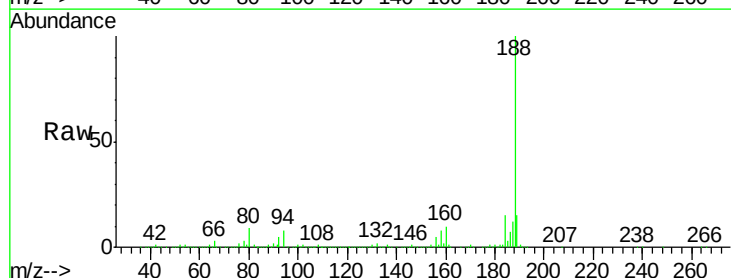
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion: 188 Resp: 1478237

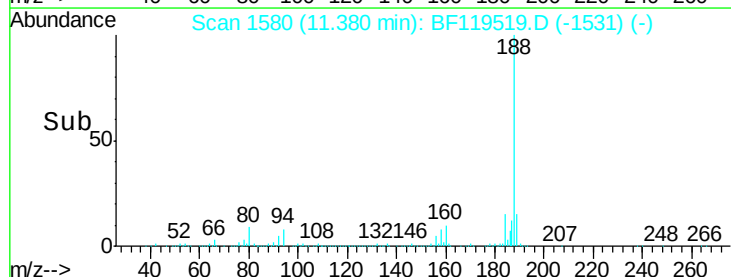
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.9	7.5	11.3



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



Time-->

11.38

2000000

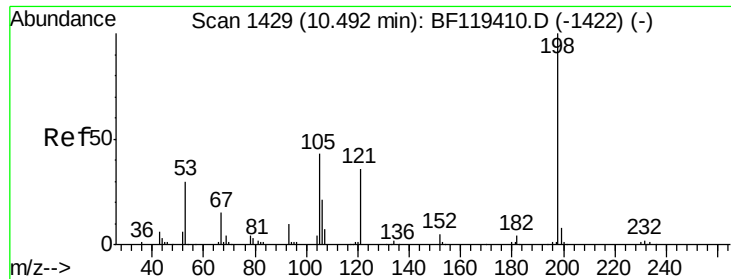
1500000

1000000

500000

0

11.35 11.40



#65

4,6-Dinitro-2-methylphenol

Concen: 56.46 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

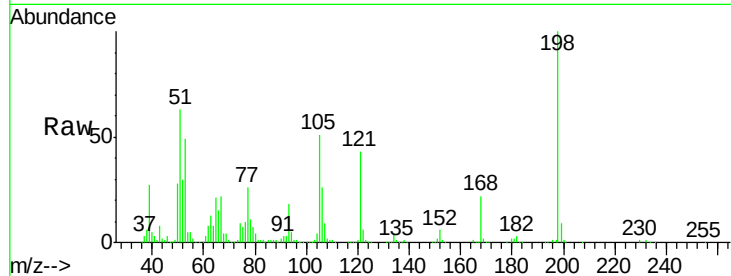
Tgt Ion:198 Resp: 349978

Ion Ratio Lower Upper

198 100

51 62.8 33.1 73.1

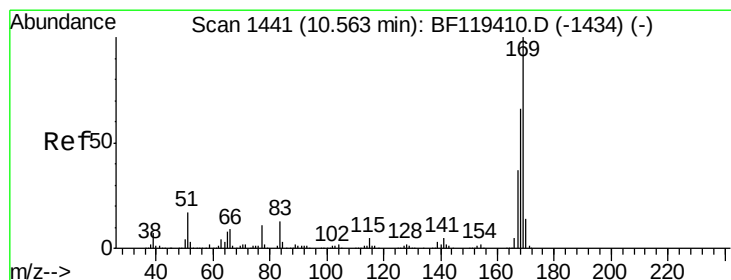
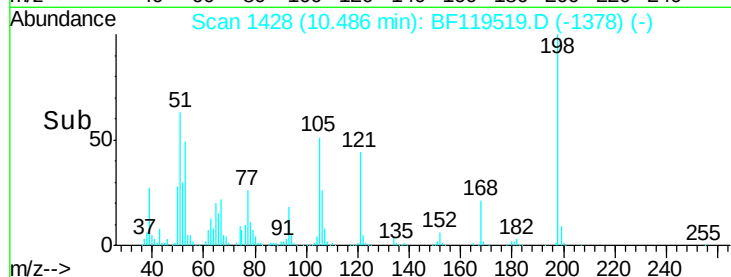
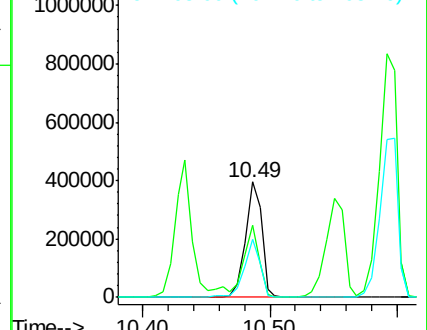
105 50.8 24.1 64.1



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: 41.33 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

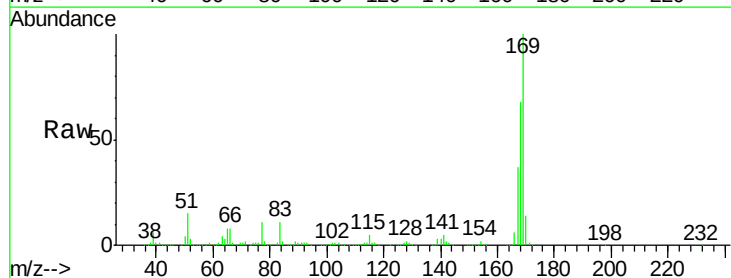
Tgt Ion:169 Resp: 2005667

Ion Ratio Lower Upper

169 100

168 68.0 52.7 79.1

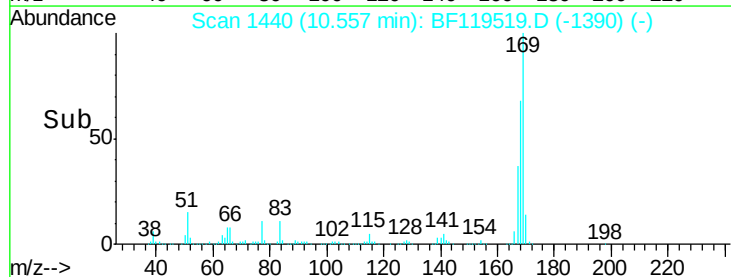
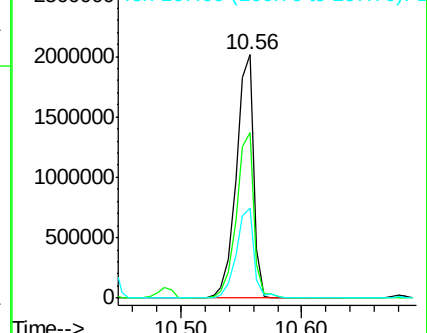
167 37.0 29.3 43.9

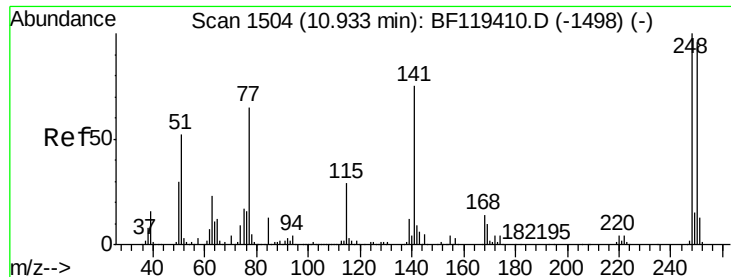


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

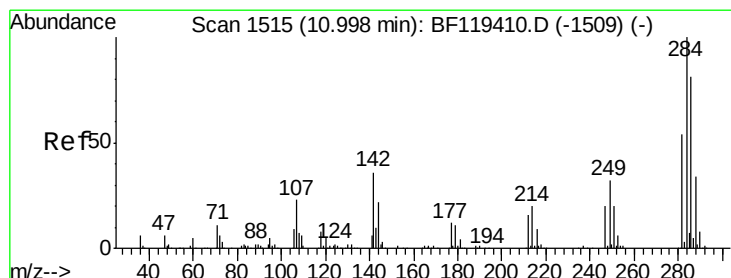
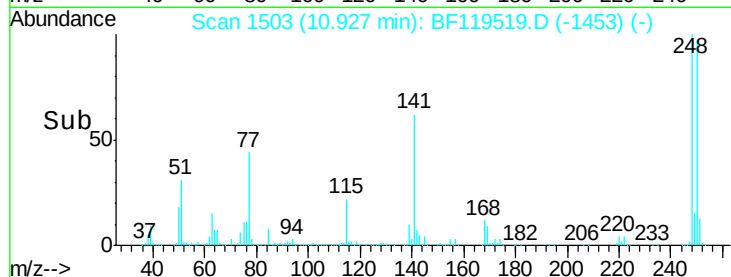
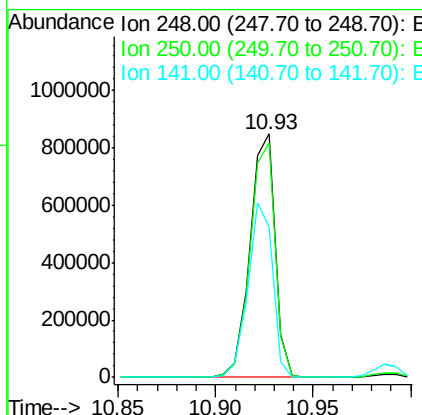
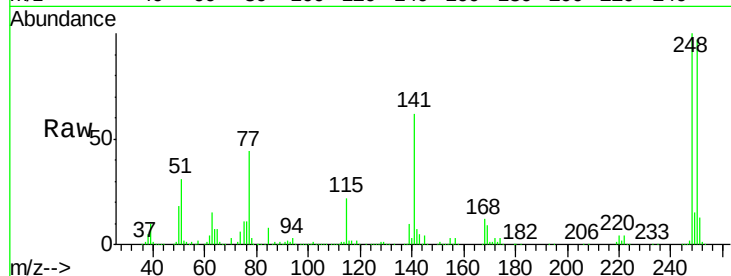




#67
 4-Bromophenyl-phenylether
 Concen: 44.72 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

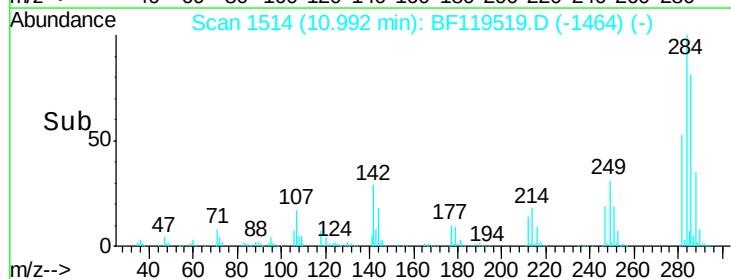
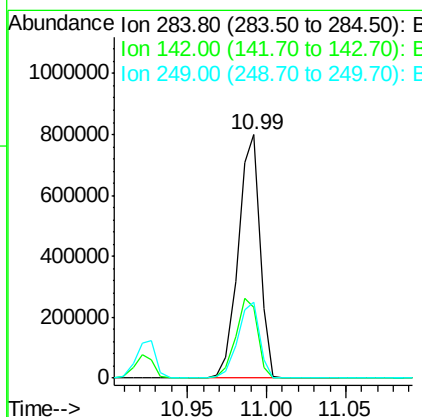
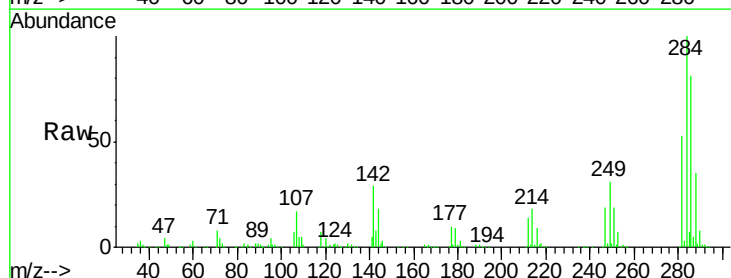
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

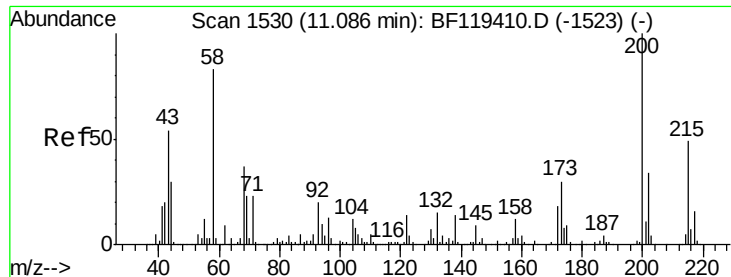
Tgt Ion:248 Resp: 752929
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.6
 141 61.7 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 43.96 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:284 Resp: 757536
 Ion Ratio Lower Upper
 284 100
 142 28.9 28.7 43.1
 249 31.0 25.4 38.0





#69

Atrazine

Concen: 44.66 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

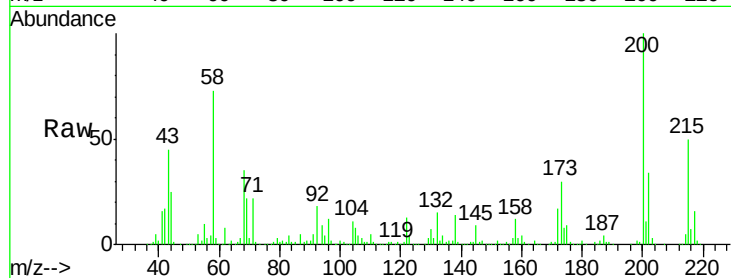
Tgt Ion:200 Resp: 594093

Ion Ratio Lower Upper

200 100

173 29.8 9.9 49.9

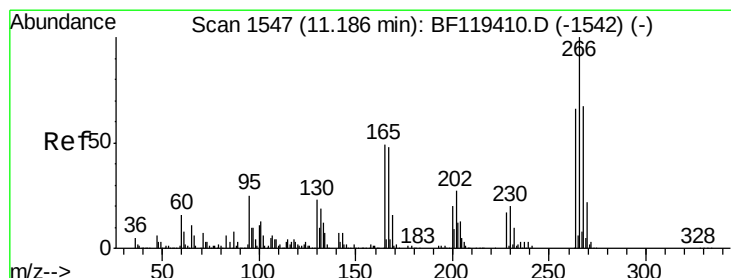
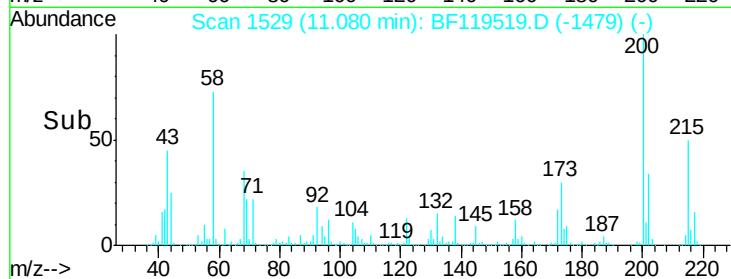
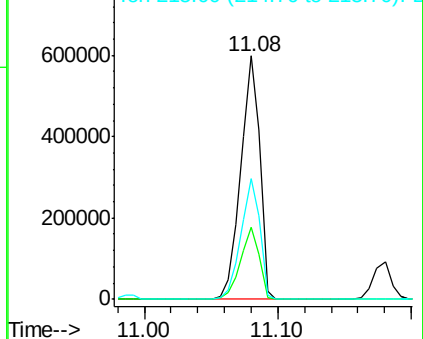
215 49.6 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.35 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

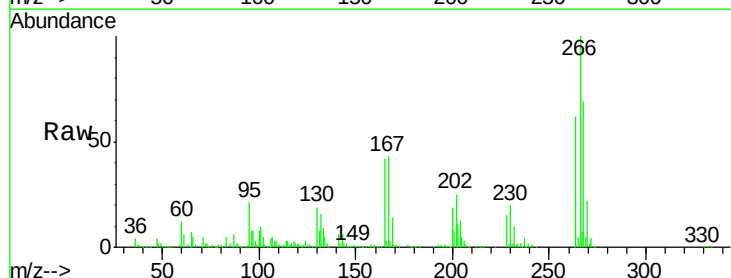
Tgt Ion:266 Resp: 458213

Ion Ratio Lower Upper

266 100

268 69.0 53.7 80.5

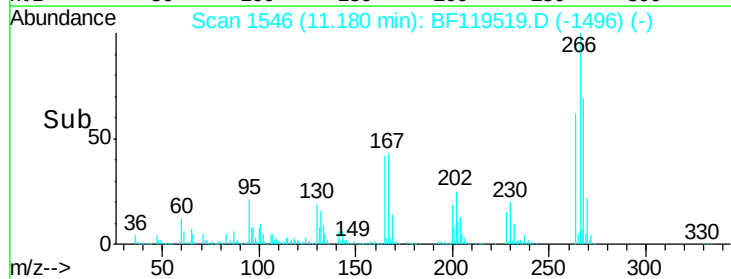
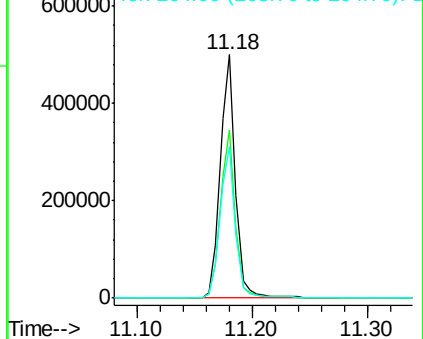
264 62.3 52.5 78.7

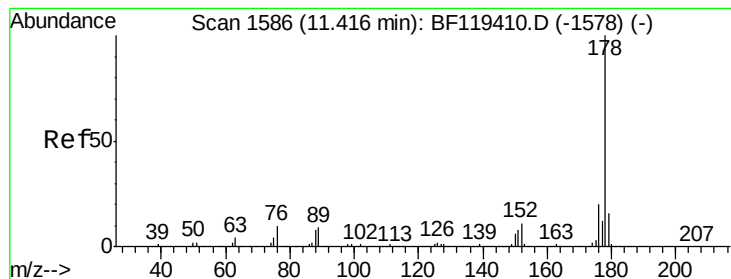


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.63 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

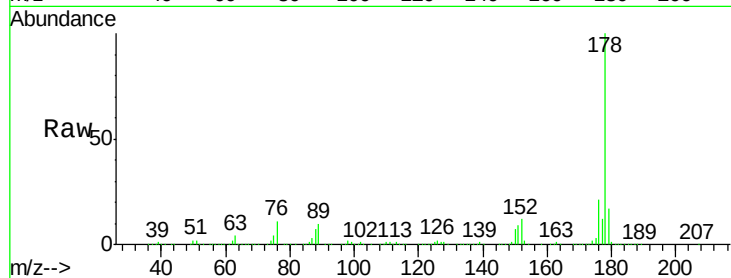
Tgt Ion:178 Resp: 3037379

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

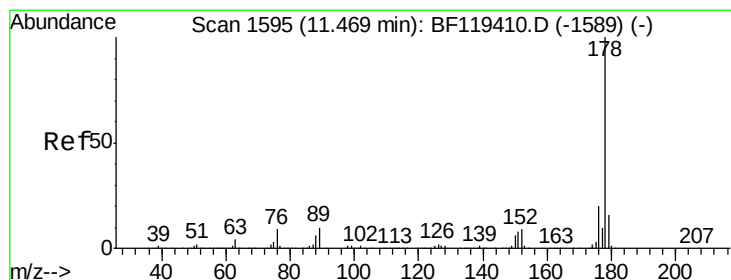
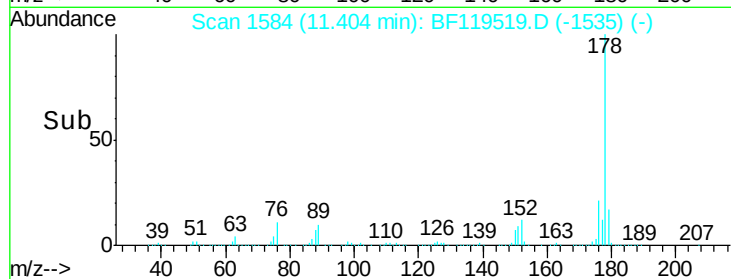
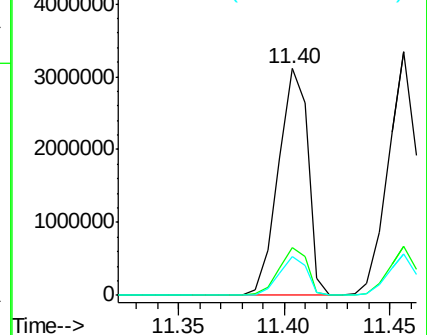
179 17.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.32 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

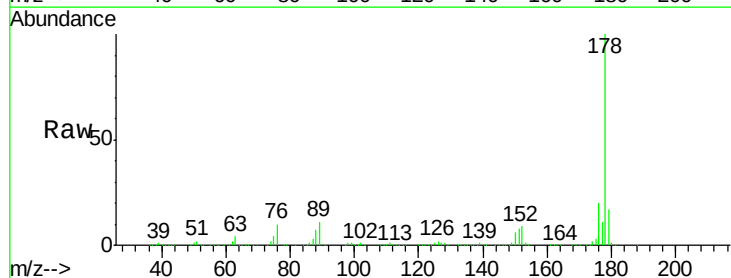
Tgt Ion:178 Resp: 3062892

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

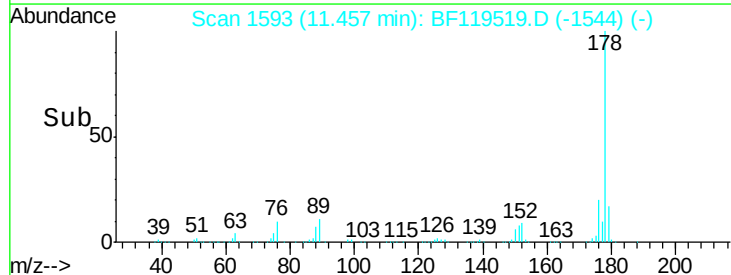
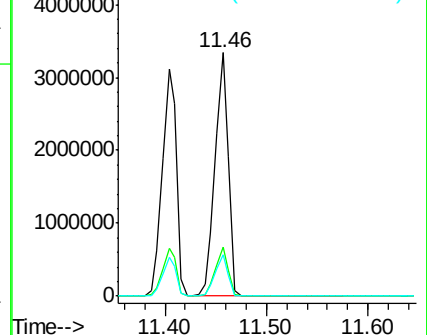
179 16.8 13.1 19.7

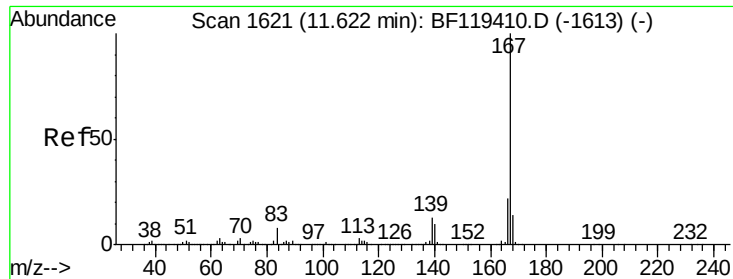


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.07 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

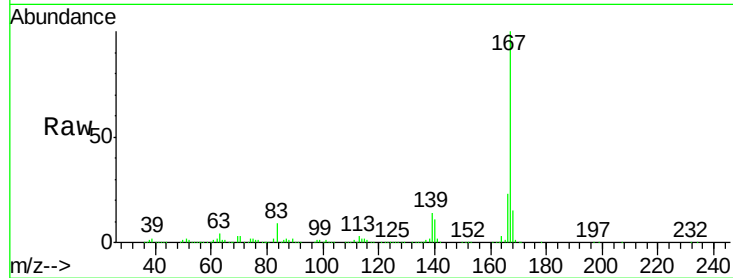
Tgt Ion:167 Resp: 2935900

Ion Ratio Lower Upper

167 100

166 23.1 17.8 26.6

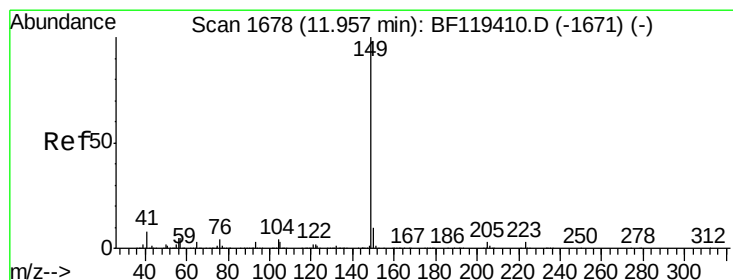
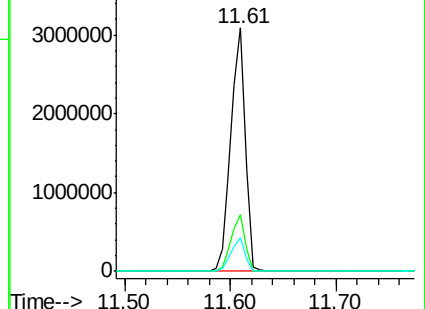
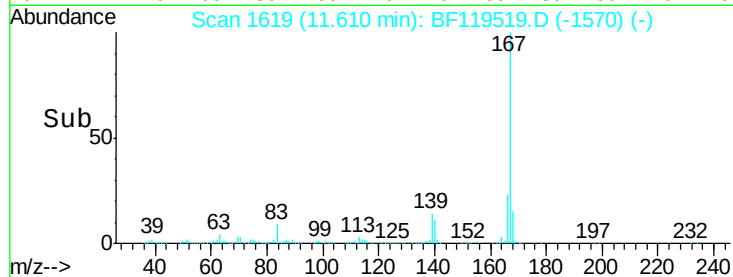
139 13.8 10.2 15.4



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: 45.87 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

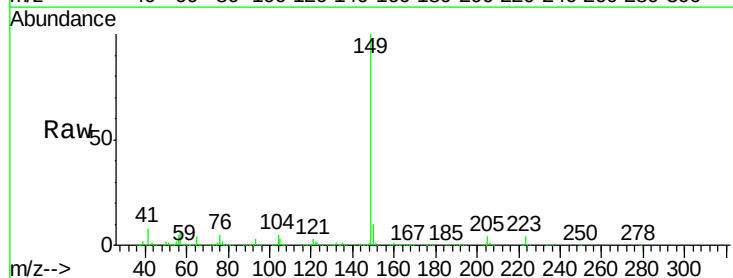
Tgt Ion:149 Resp: 3783491

Ion Ratio Lower Upper

149 100

150 10.5 7.6 11.4

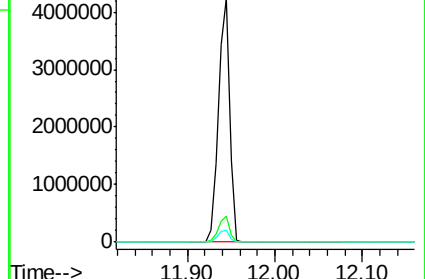
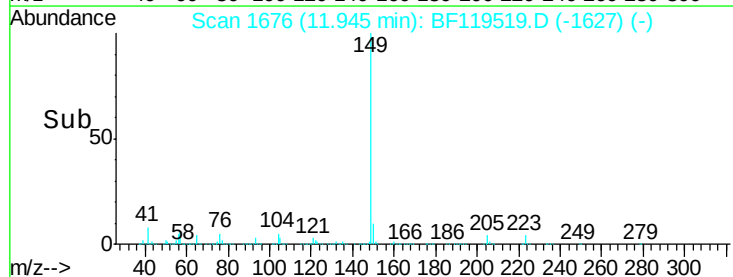
104 5.2 3.5 5.3

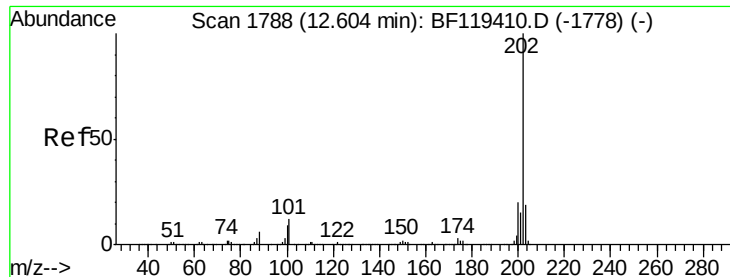


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.96 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

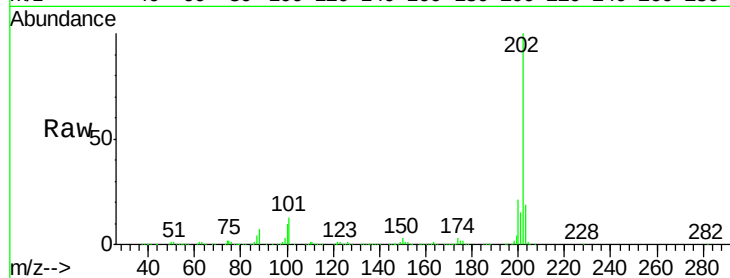
Tgt Ion:202 Resp: 3231851

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.4

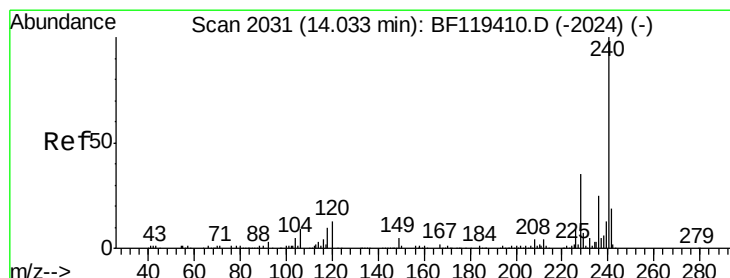
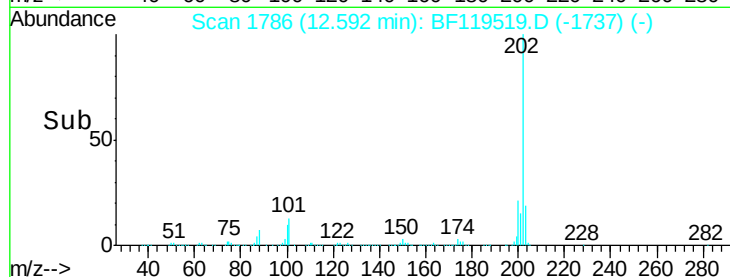
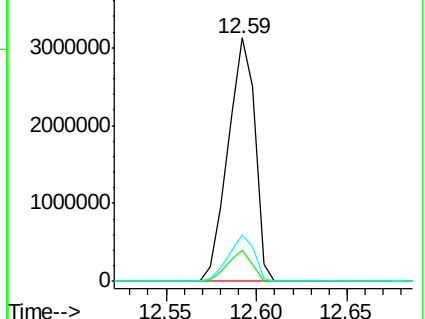
203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

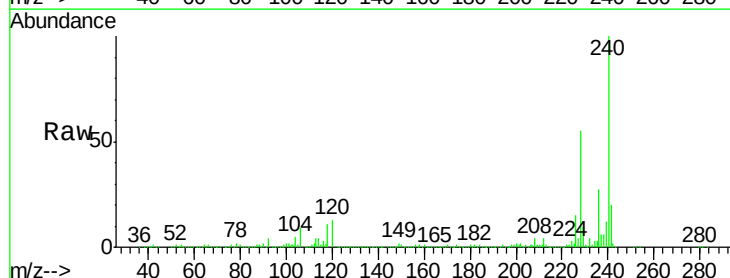
Tgt Ion:240 Resp: 962093

Ion Ratio Lower Upper

240 100

120 12.7 10.2 15.4

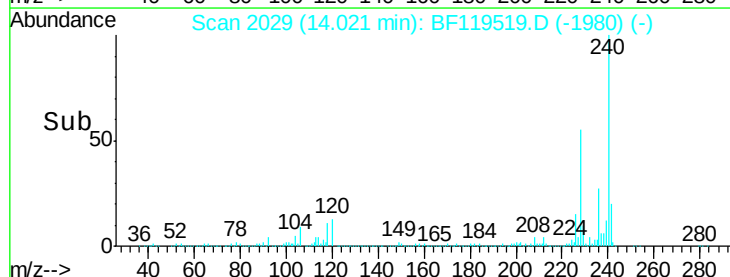
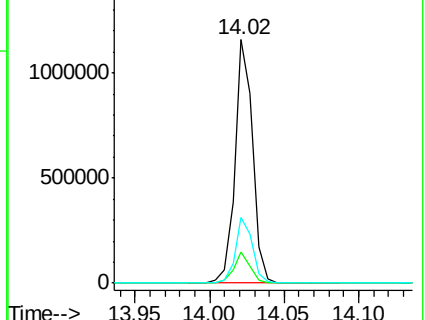
236 26.7 20.4 30.6

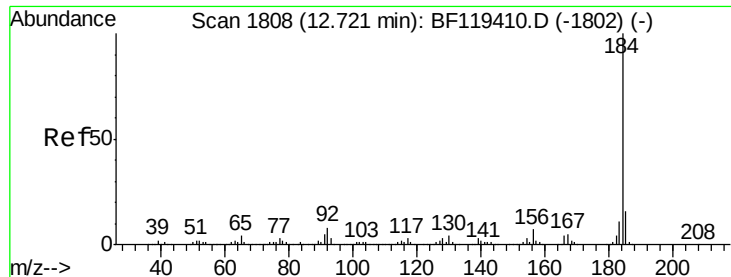


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.47 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

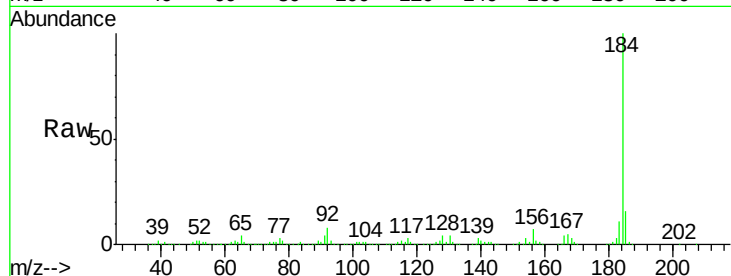
Tgt Ion:184 Resp: 1281331

Ion Ratio Lower Upper

184 100

185 16.0 12.9 19.3

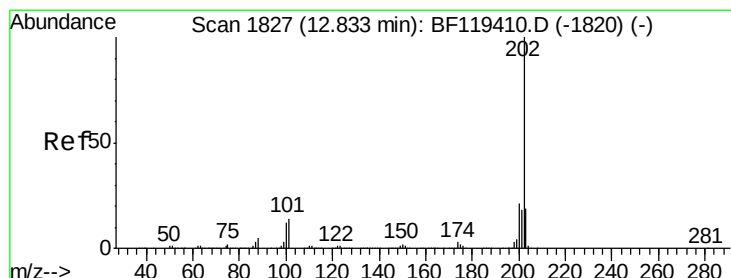
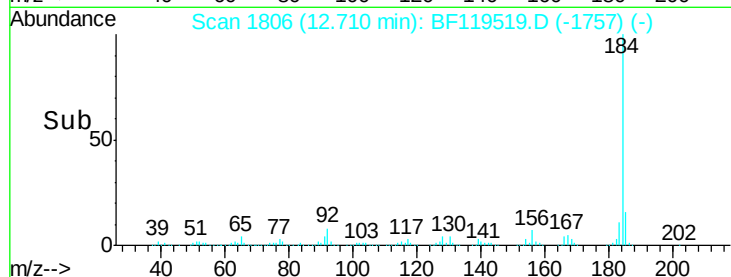
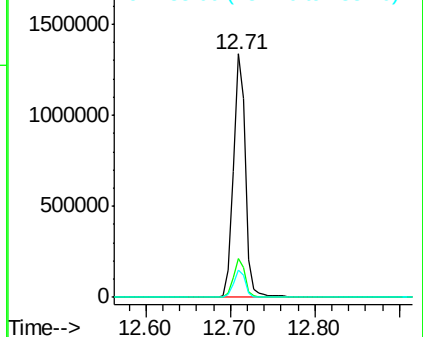
183 11.2 9.0 13.4



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: 41.46 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

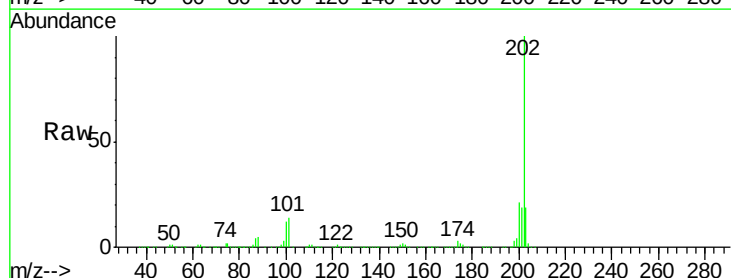
Tgt Ion:202 Resp: 3273922

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

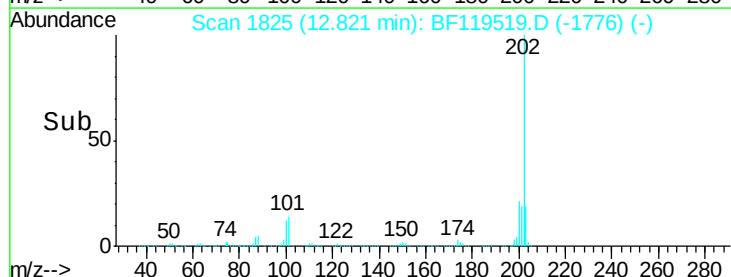
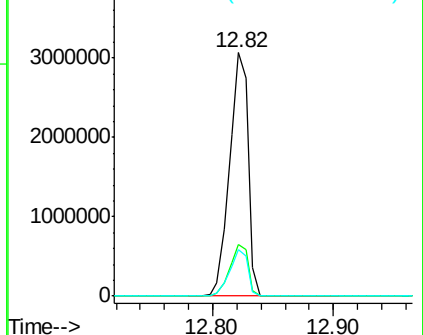
203 19.1 14.8 22.2

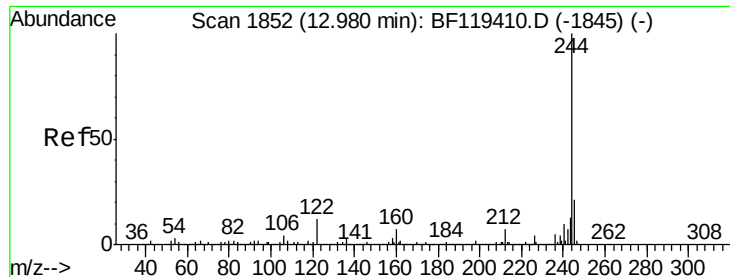


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.55 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

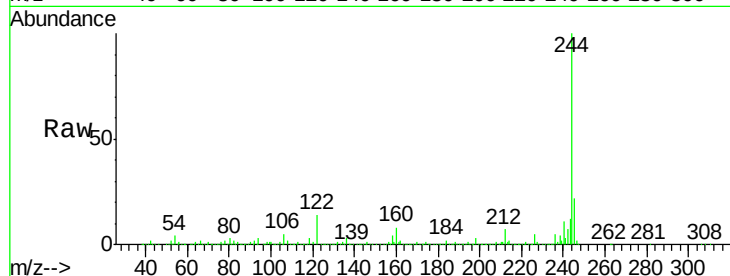
Tgt Ion:244 Resp: 4348172

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

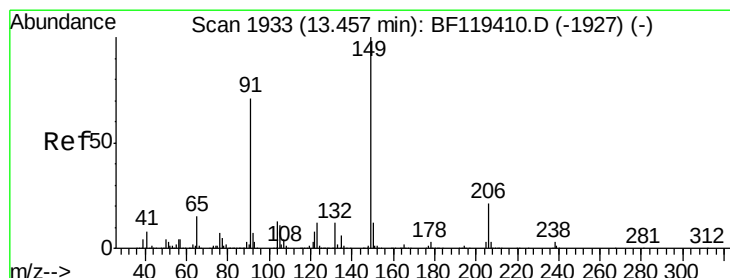
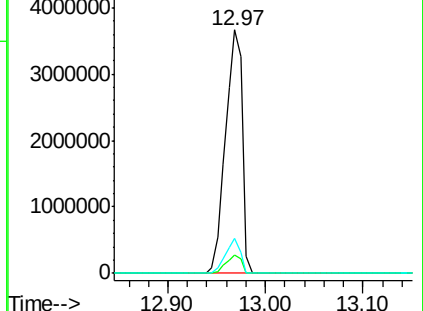
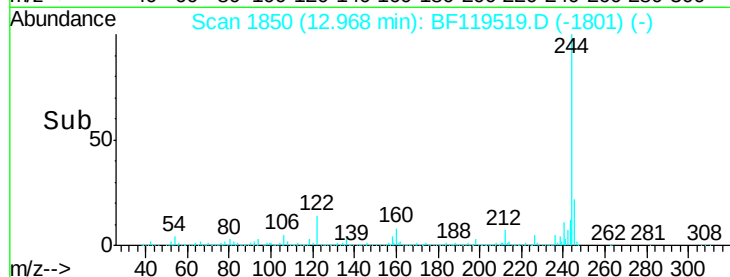
122 14.2 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.22 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

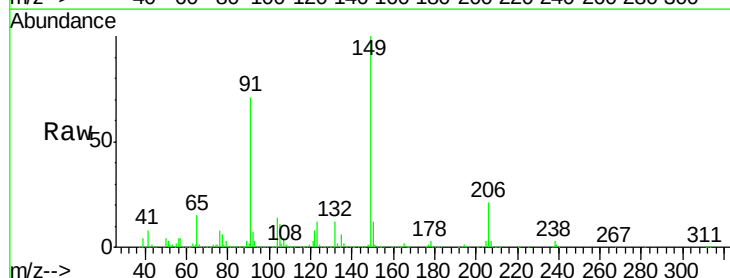
Tgt Ion:149 Resp: 1667638

Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.6

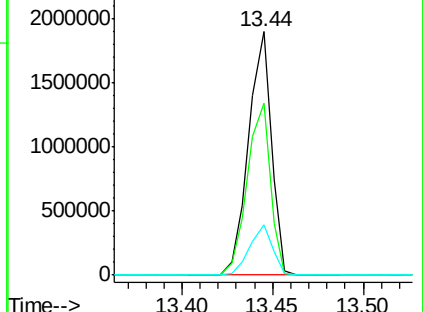
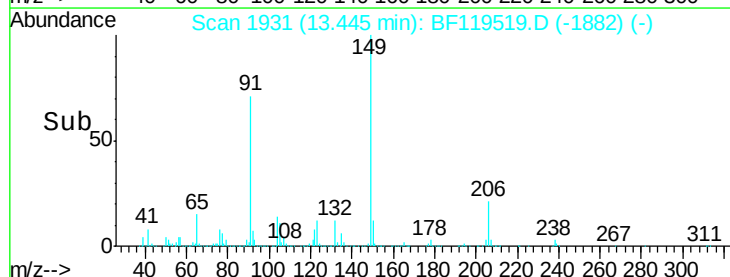
206 20.6 16.4 24.6

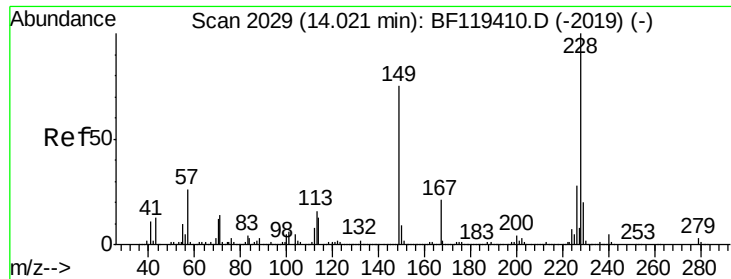


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.85 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 2430754

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

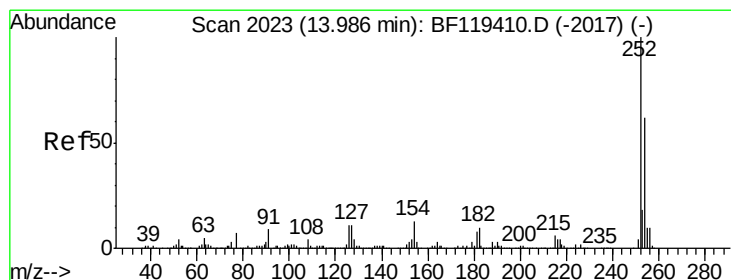
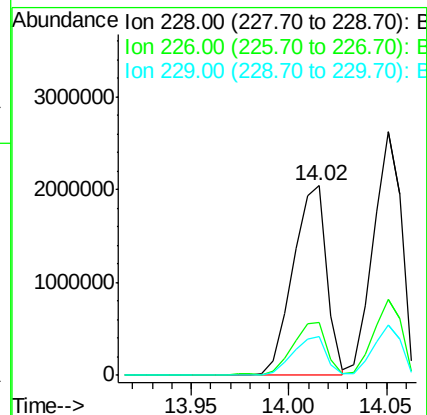
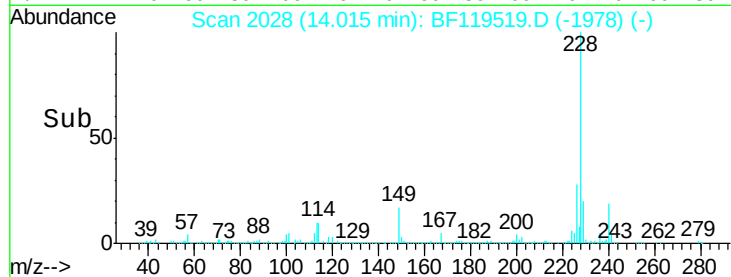
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.44 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

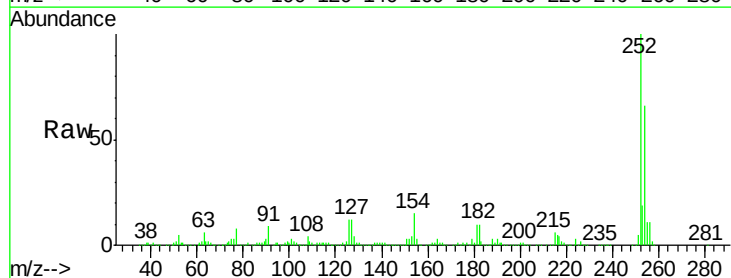
Tgt Ion:252 Resp: 997524

Ion Ratio Lower Upper

252 100

254 66.2 49.8 74.8

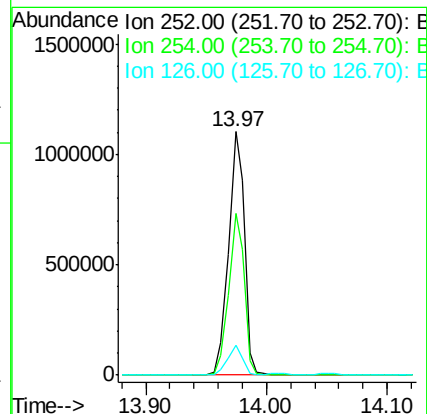
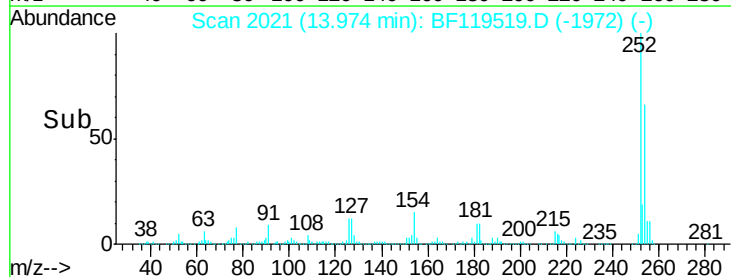
126 12.2 8.9 13.3

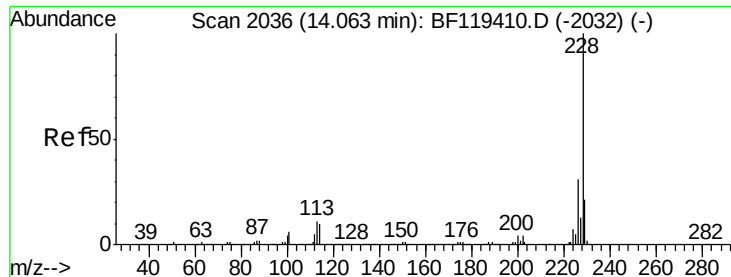


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.33 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

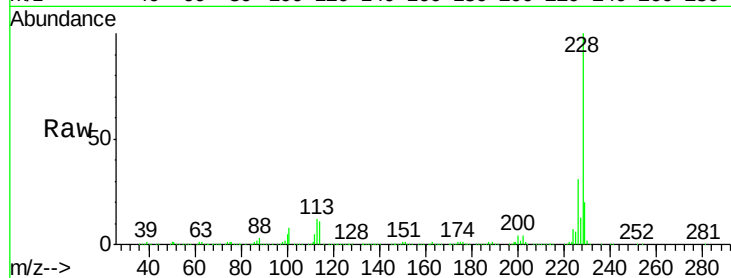
Tgt Ion:228 Resp: 2603740

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

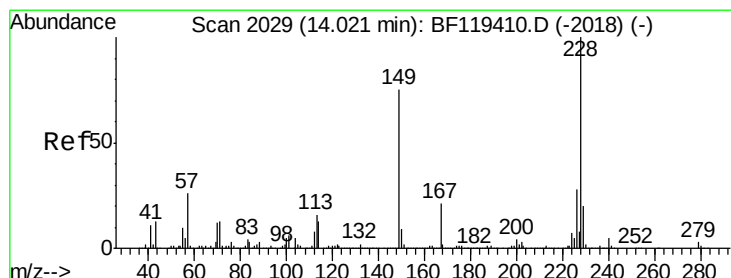
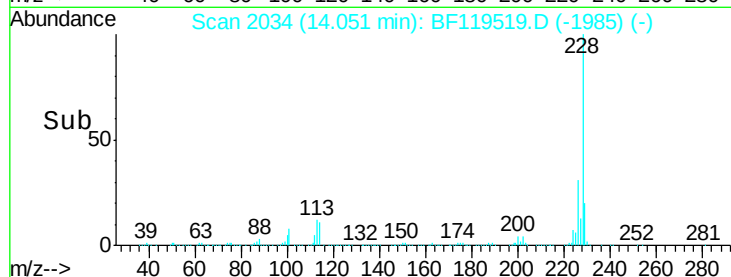
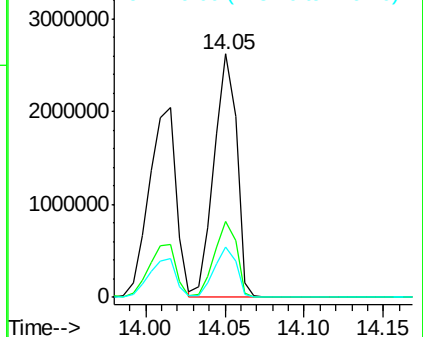
229 20.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.11 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

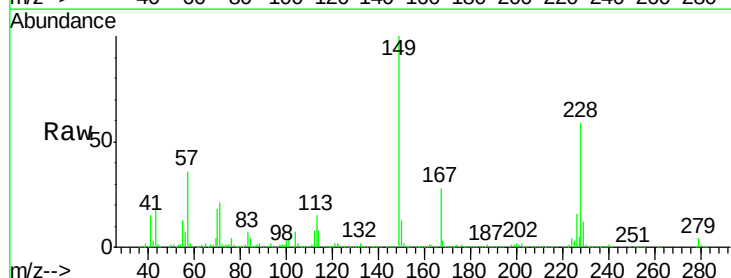
Tgt Ion:149 Resp: 2212071

Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

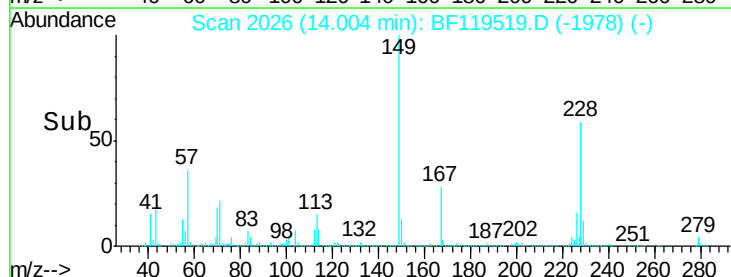
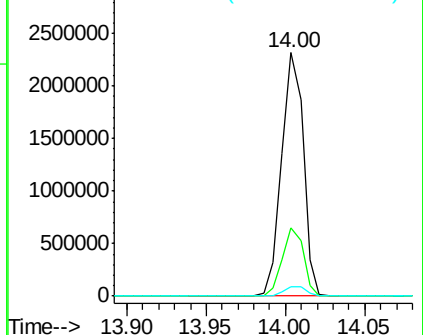
279 3.7 3.2 4.8

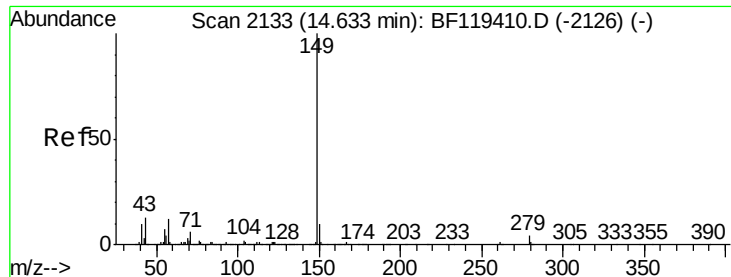


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.70 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

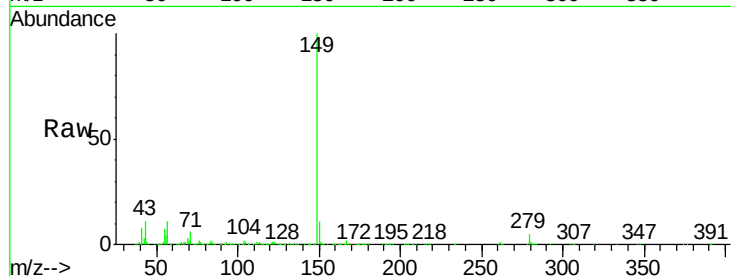
Tgt Ion:149 Resp: 3796322

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

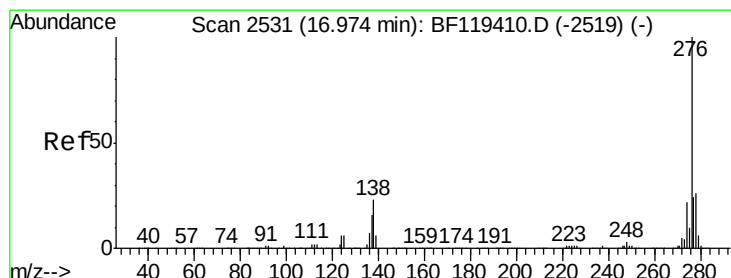
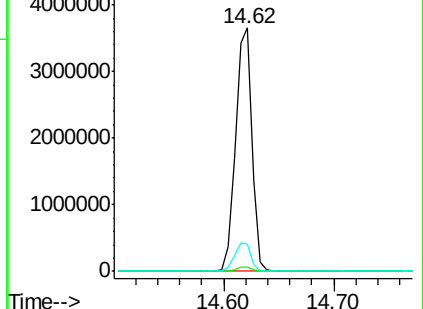
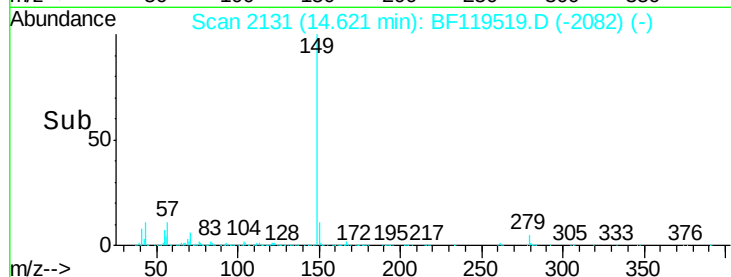
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.86 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

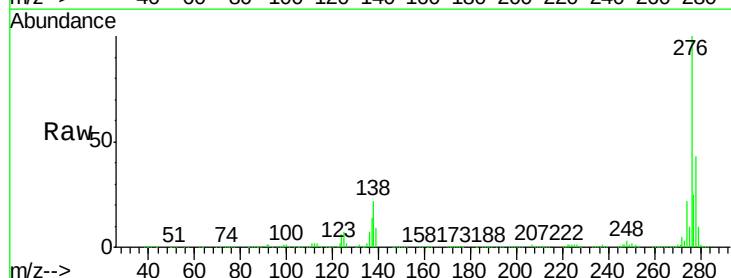
Tgt Ion:276 Resp: 2241566

Ion Ratio Lower Upper

276 100

138 24.5 21.3 31.9

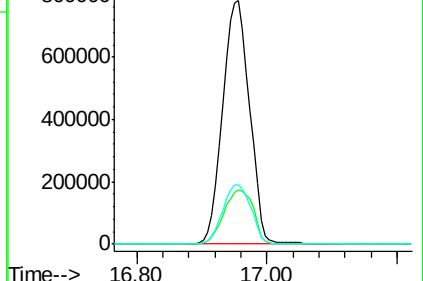
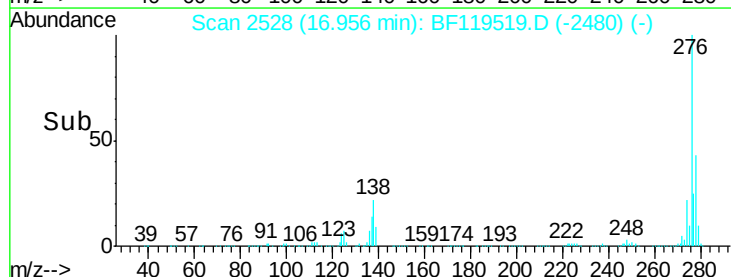
277 25.7 20.2 30.2

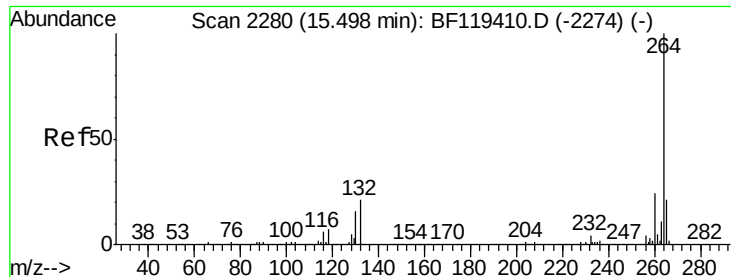


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



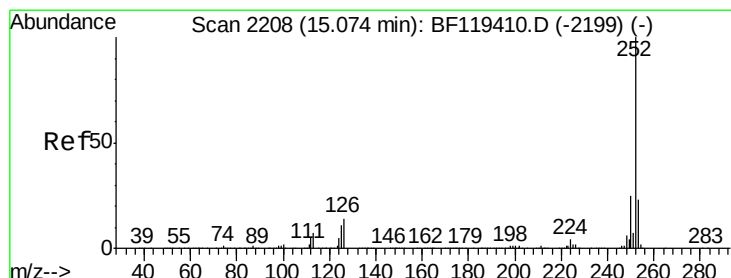
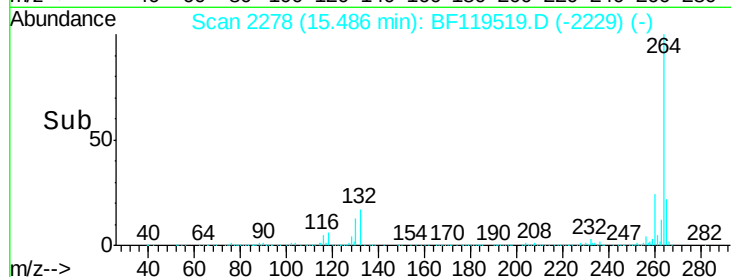
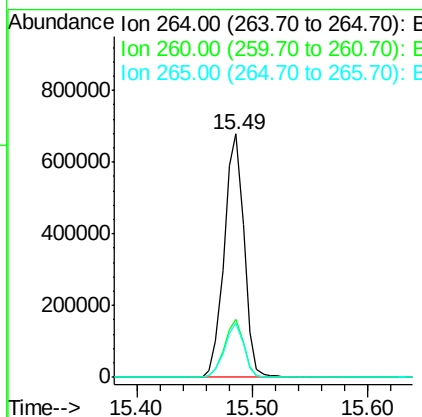
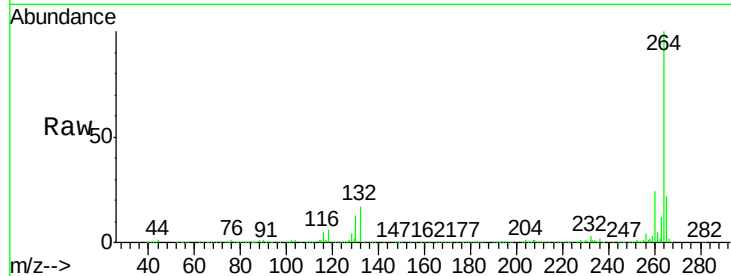


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 808574

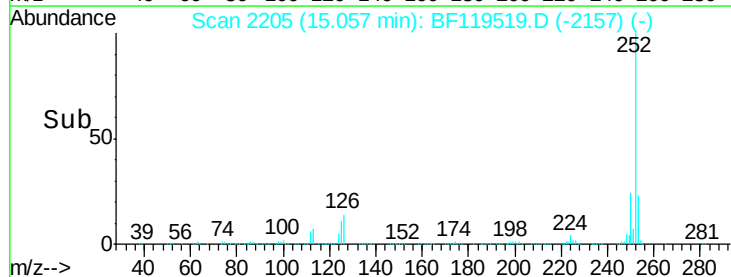
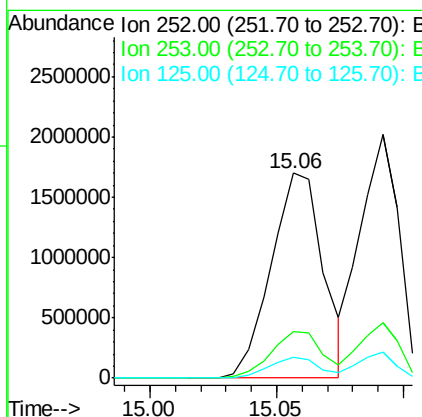
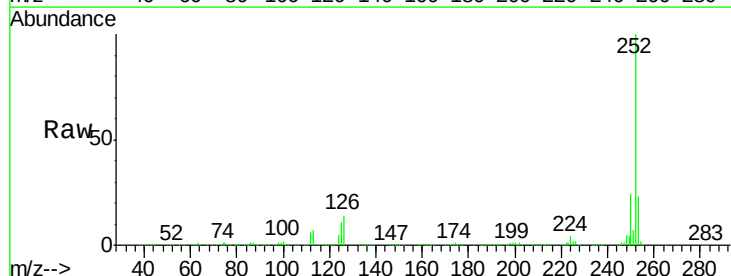
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	16.9	25.3

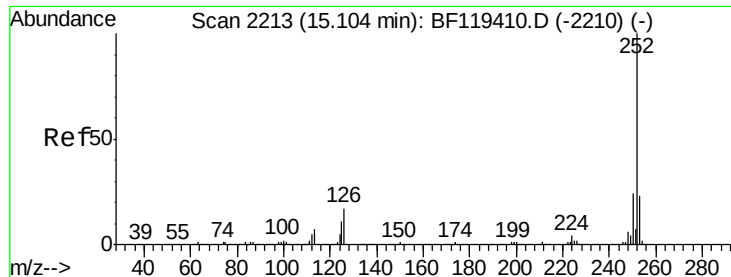


#88
Benzo(b)fluoranthene
Concen: 44.95 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion: 252 Resp: 2427741

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.5	8.8	13.2

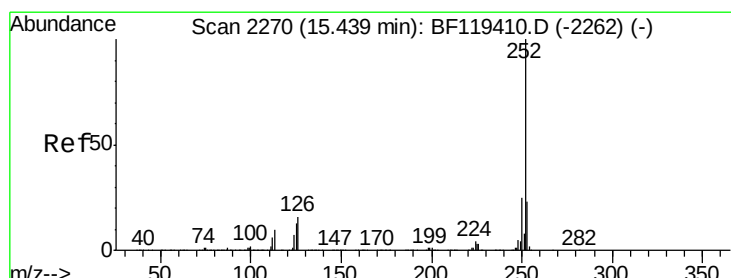
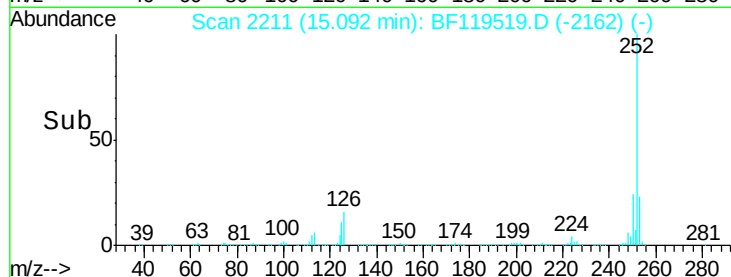
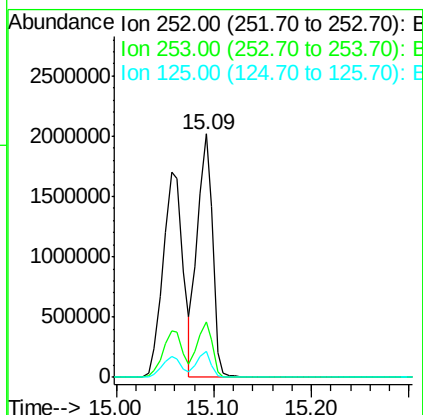
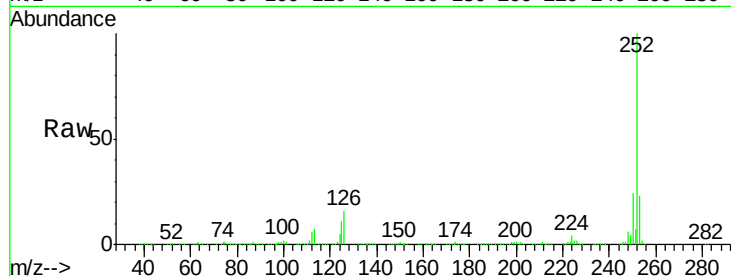




#89
Benzo(k)fluoranthene
Concen: 42.39 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

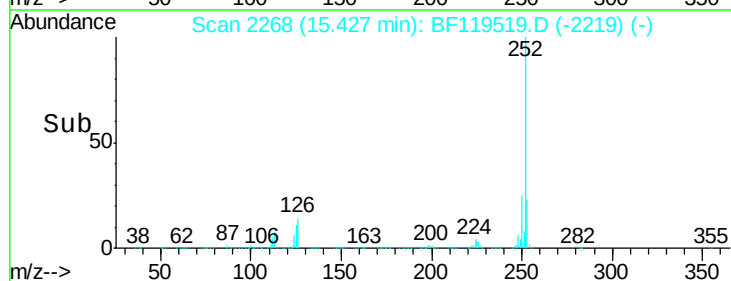
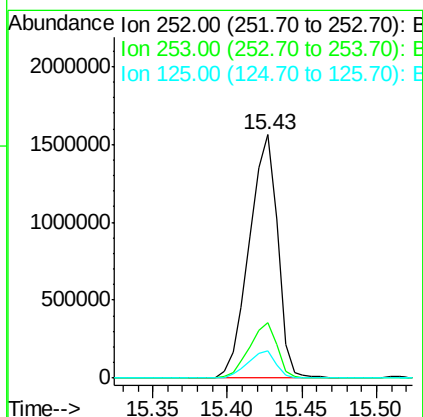
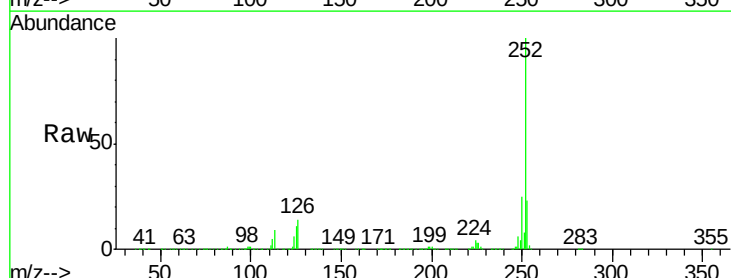
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

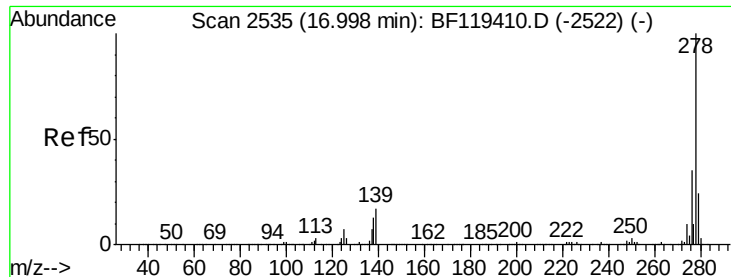
Tgt Ion:252 Resp: 2180102
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.71 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:252 Resp: 2047605
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.5 10.2 15.2

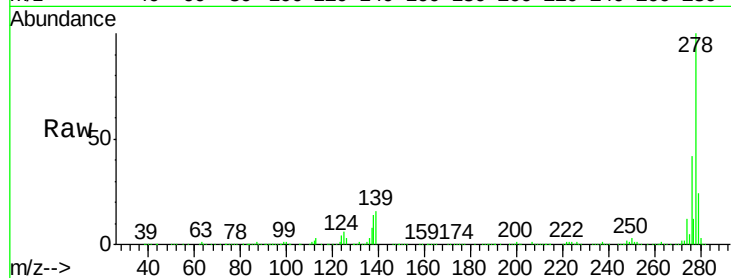




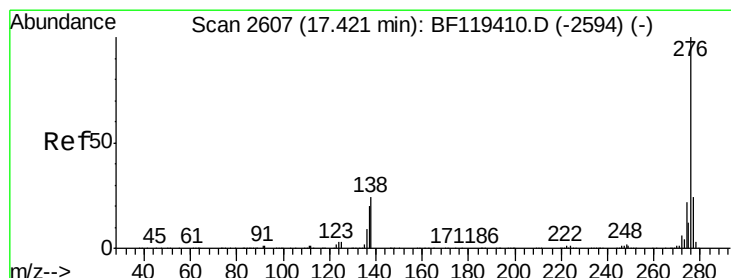
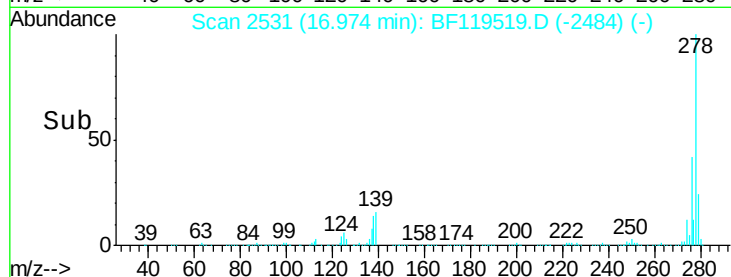
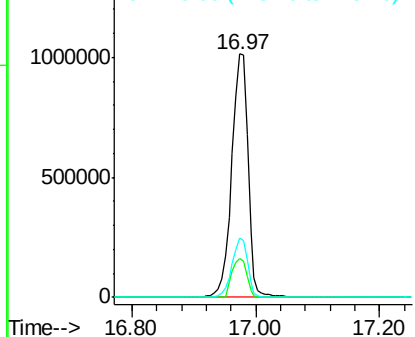
#91
Dibenzo(a,h)anthracene
Concen: 43.35 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 1861380
Ion Ratio Lower Upper
278 100
139 16.0 13.7 20.5
279 24.3 19.2 28.8

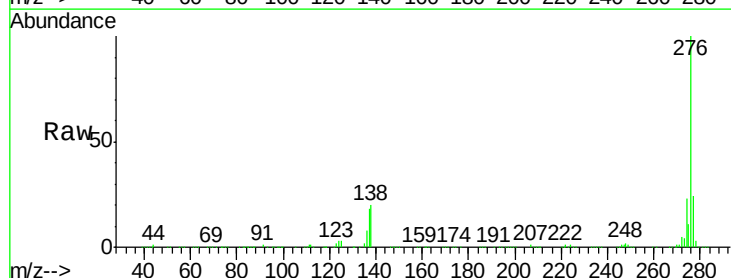


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.21 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion: 276 Resp: 1820544
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 20.4 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

