

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119570.D
 Acq On : 27 Mar 2020 16:38
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 28 00:51:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	287681	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1095748	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	579139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1111094	20.00	ng	0.00
76) Chrysene-d12	14.01	240	752810	20.00	ng	0.00
87) Perylene-d12	15.47	264	631547	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1432214	79.25	ng	0.00
7) Phenol-d6	6.46	99	1884294	81.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	1756329	87.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	578020	96.74	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3168194	81.04	ng	0.00
79) Terphenyl-d14	12.96	244	3434013	89.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	375735	42.10	ng	99
3) Pyridine	3.30	79	890452	36.21	ng	97
4) n-Nitrosodimethylamine	3.25	42	438008	36.53	ng	98
6) Aniline	6.50	93	1272593	39.94	ng	99
8) 2-Chlorophenol	6.62	128	799032	42.10	ng	97
9) Benzaldehyde	6.38	77	569618	38.90	ng	98
10) Phenol	6.47	94	1068348	43.37	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	819181	41.58	ng	98
12) 1,3-Dichlorobenzene	6.77	146	854288	41.59	ng	96
13) 1,4-Dichlorobenzene	6.85	146	860820	41.89	ng	97
14) 1,2-Dichlorobenzene	7.01	146	816160	42.50	ng	99
15) Benzyl Alcohol	6.97	79	733418	42.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1606870	40.44	ng	100
17) 2-Methylphenol	7.09	107	734154	42.22	ng	98
18) Hexachloroethane	7.35	117	324948	43.15	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	599329	43.07	ng	98
20) 3+4-Methylphenols	7.24	107	900069	42.23	ng	97
22) Acetophenone	7.25	105	1069403	40.84	ng	99
24) Nitrobenzene	7.42	77	891719	41.39	ng	99
25) Isophorone	7.66	82	1696999	41.49	ng	99
26) 2-Nitrophenol	7.73	139	445225	52.48	ng	97
27) 2,4-Dimethylphenol	7.77	122	644658	36.75	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1015720	42.00	ng	100
29) 2,4-Dichlorophenol	7.97	162	694561	43.09	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	754822	42.34	ng	100
31) Naphthalene	8.15	128	2341627	41.53	ng	99
32) Benzoic acid	7.90	122	588649	52.17	ng	97
33) 4-Chloroaniline	8.19	127	1058841	40.98	ng	98
34) Hexachlorobutadiene	8.26	225	453719	45.49	ng	99
35) Caprolactam	8.57	113	218359	41.39	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	749436	42.54	ng	97
37) 2-Methylnaphthalene	8.83	142	1580190	42.70	ng	98
38) 1-Methylnaphthalene	8.93	142	1497212	42.74	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	731356	43.08	ng	99

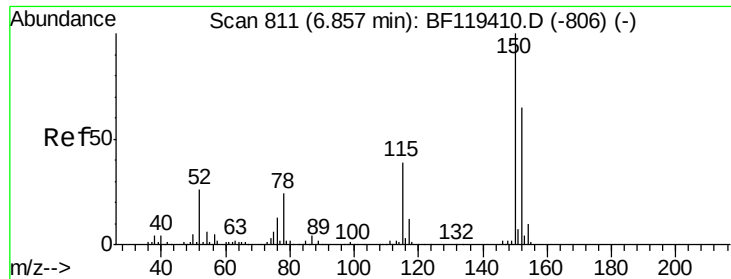
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	385001	39.89	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	526981	43.38	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	598104	43.95	ng	98
46) 1,1'-Biphenyl	9.30	154	1972444	41.82	ng	100
47) 2-Chloronaphthalene	9.33	162	1545072	41.82	ng	100
48) 2-Nitroaniline	9.42	65	573200	44.95	ng	94
49) Acenaphthylene	9.75	152	2332566	40.20	ng	99
50) Dimethylphthalate	9.61	163	1786765	43.44	ng	99
51) 2,6-Dinitrotoluene	9.66	165	401882	45.58	ng	88
52) Acenaphthene	9.92	154	1519217	42.00	ng	100
53) 3-Nitroaniline	9.83	138	474002	42.58	ng	99
54) 2,4-Dinitrophenol	9.93	184	189572	52.44	ng	# 87
55) Dibenzofuran	10.09	168	2146375	41.39	ng	98
56) 4-Nitrophenol	9.99	139	359493	40.94	ng	97
57) 2,4-Dinitrotoluene	10.07	165	536880	48.33	ng	93
58) Fluorene	10.43	166	1620206	42.25	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	450109	44.25	ng	99
60) Diethylphthalate	10.30	149	1857823	44.50	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	826155	44.05	ng	98
62) 4-Nitroaniline	10.45	138	473748	44.38	ng	98
63) Azobenzene	10.58	77	1745774	41.52	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	270283	58.01	ng	84
66) n-Nitrosodiphenylamine	10.55	169	1513784	41.50	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	551537	43.59	ng	95
68) Hexachlorobenzene	10.98	284	573103	44.25	ng	94
69) Atrazine	11.07	200	451591	45.16	ng	99
70) Pentachlorophenol	11.17	266	342983	45.17	ng	99
71) Phenanthrene	11.39	178	2376174	41.24	ng	100
72) Anthracene	11.45	178	2383441	40.70	ng	99
73) Carbazole	11.60	167	2312587	39.90	ng	99
74) Di-n-butylphthalate	11.93	149	2856297	46.07	ng	99
75) Fluoranthene	12.58	202	2535528	40.67	ng	99
77) Benzidine	12.70	184	1141201	35.82	ng	99
78) Pyrene	12.81	202	2605209	42.17	ng	99
80) Butylbenzylphthalate	13.43	149	1227048	49.11	ng	96
81) Benzo(a)anthracene	14.00	228	1995754	40.77	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	787583	40.80	ng	99
83) Chrysene	14.04	228	2055222	40.68	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1590671	53.40	ng	99
85) Di-n-octyl phthalate	14.60	149	2709431	51.72	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1776467	37.33	ng	99
88) Benzo(b)fluoranthene	15.04	252	1811895	42.95	ng	99
89) Benzo(k)fluoranthene	15.08	252	1816758	45.23	ng	99
90) Benzo(a)pyrene	15.41	252	1654693	43.16	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1449856	43.24	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1447042	42.95	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119570.D

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ClientSampleId :

SSTDCCC040

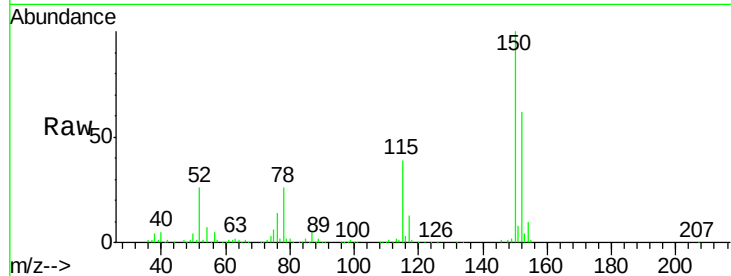
Tgt Ion:152 Resp: 287681

Ion Ratio Lower Upper

152 100

150 162.6 124.5 186.7

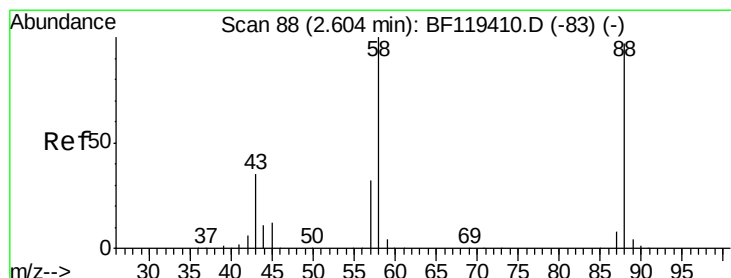
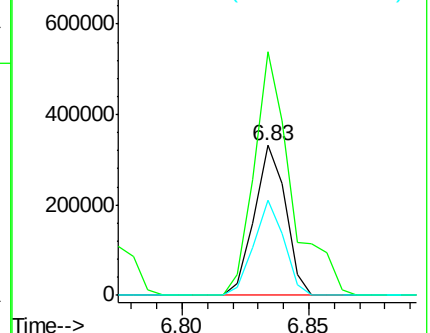
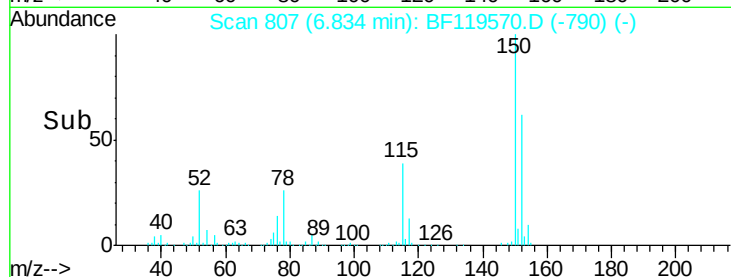
115 63.9 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.10 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

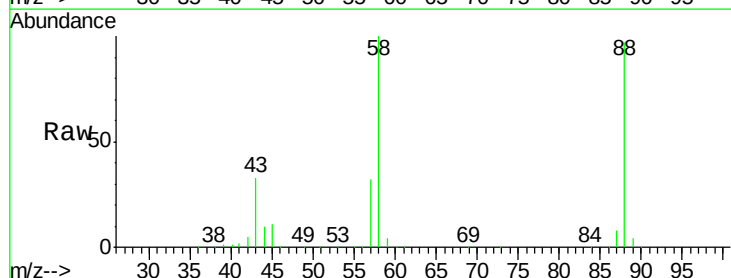
Tgt Ion: 88 Resp: 375735

Ion Ratio Lower Upper

88 100

58 101.7 80.6 121.0

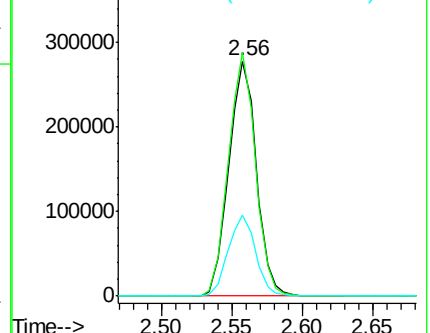
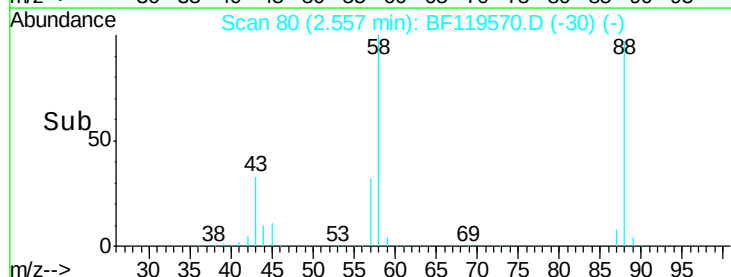
43 34.2 27.5 41.3

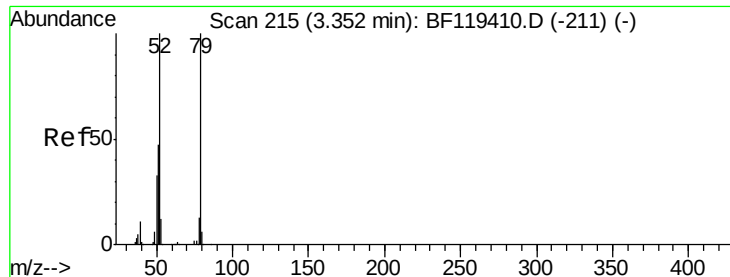


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.21 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

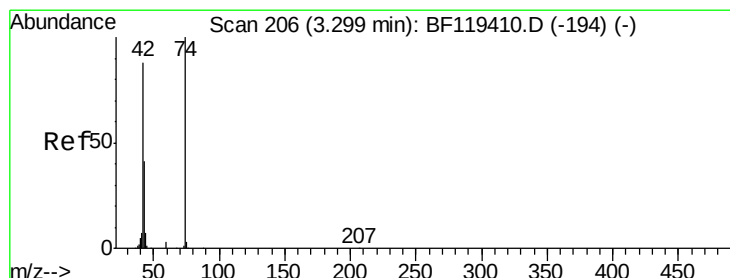
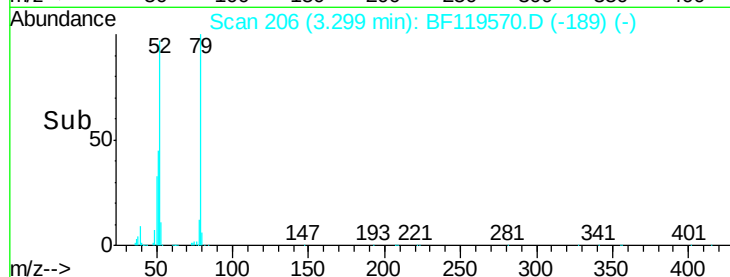
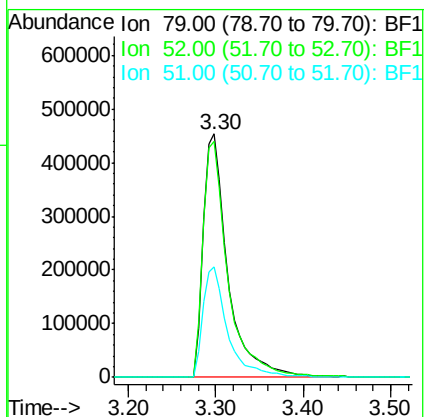
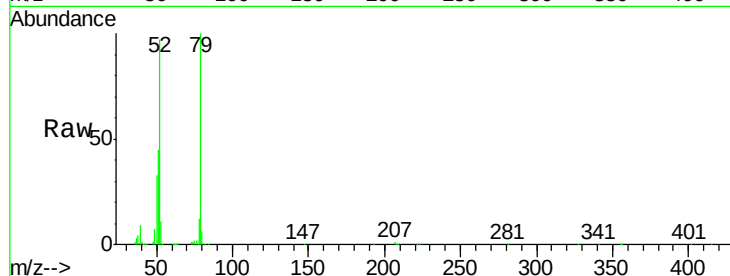
Tgt Ion: 79 Resp: 890452

Ion Ratio Lower Upper

79 100

52 97.1 80.2 120.2

51 45.3 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 36.53 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

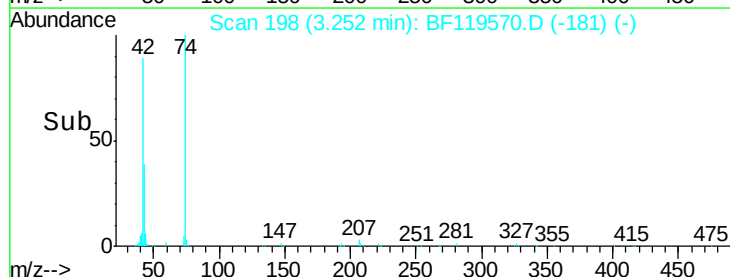
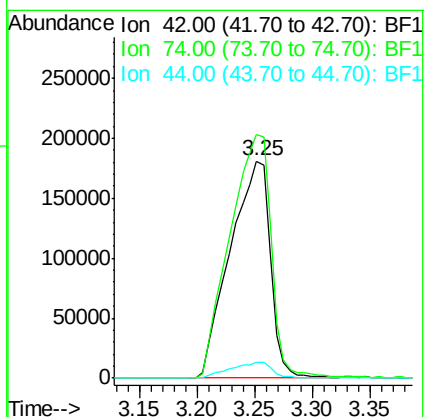
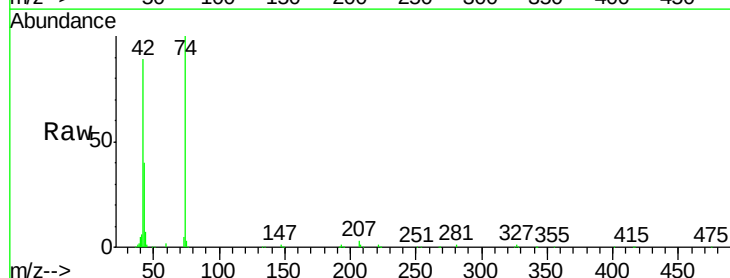
Tgt Ion: 42 Resp: 438008

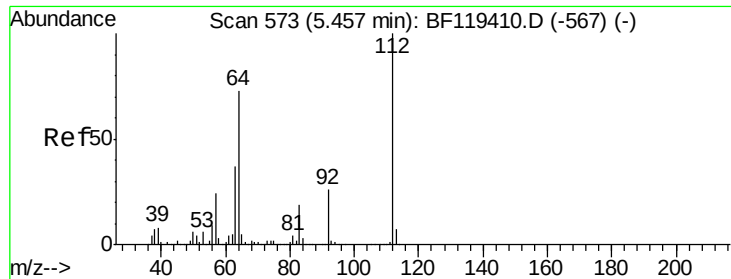
Ion Ratio Lower Upper

42 100

74 112.0 91.5 137.3

44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 79.25 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

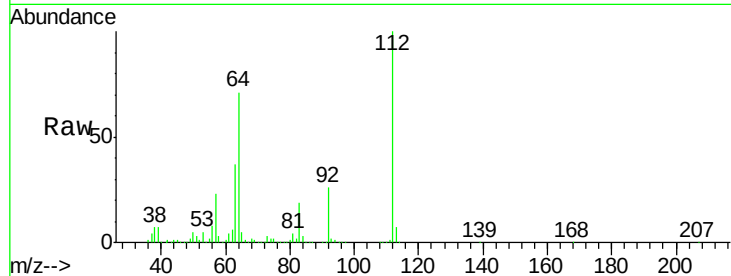
Tgt Ion:112 Resp: 1432214

Ion Ratio Lower Upper

112 100

64 71.5 56.7 85.1

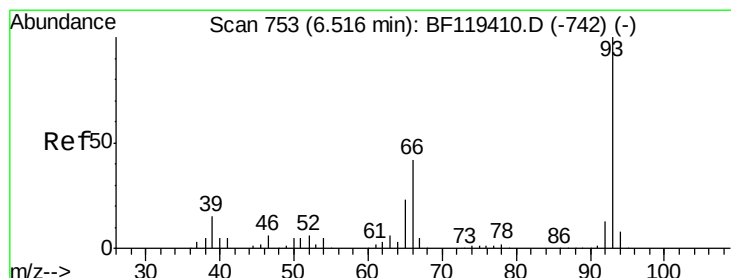
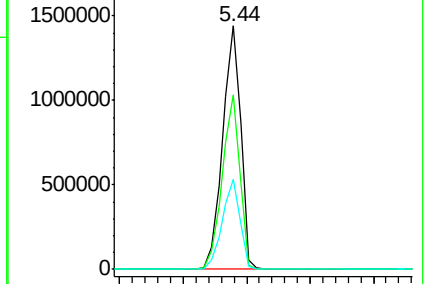
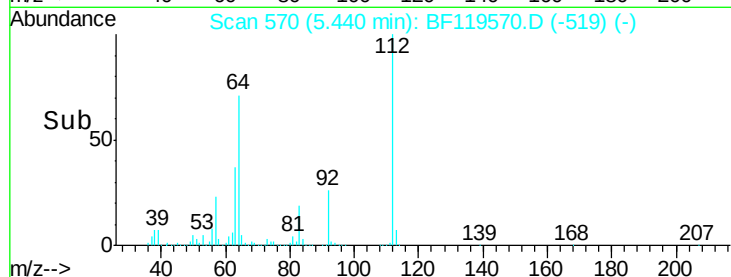
63 36.8 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF119570.D (-519) (-)

Ion 64.00 (63.70 to 64.70): BF119570.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BF119570.D (-519) (-)



#6

Aniline

Concen: 39.94 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

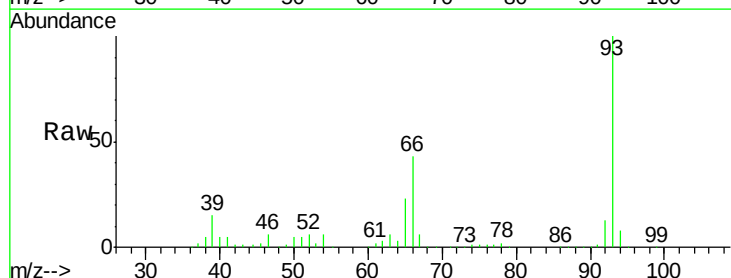
Tgt Ion: 93 Resp: 1272593

Ion Ratio Lower Upper

93 100

66 43.1 34.9 52.3

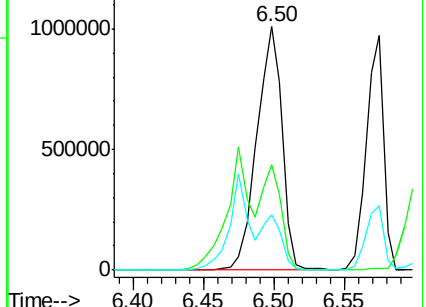
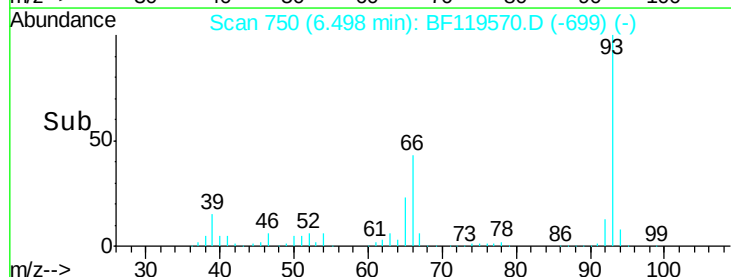
65 22.6 18.6 27.8

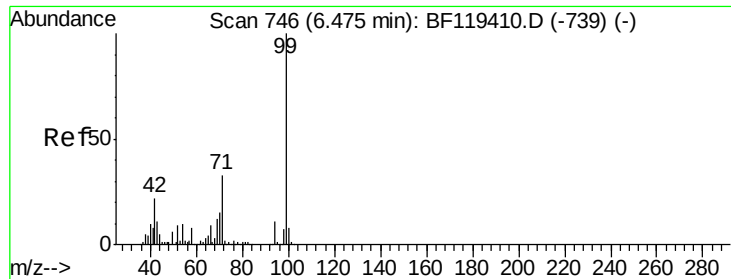


Abundance Ion 93.00 (92.70 to 93.70): BF119570.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BF119570.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BF119570.D (-699) (-)





#7

Phenol-d6

Concen: 81.62 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

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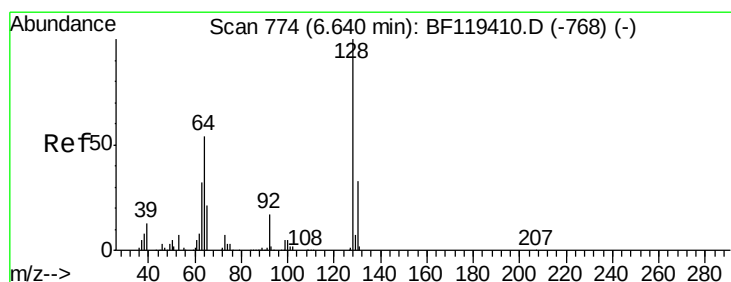
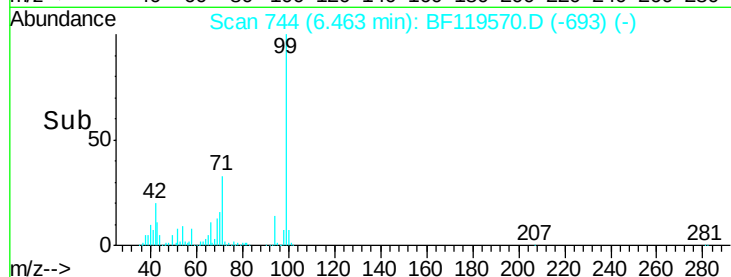
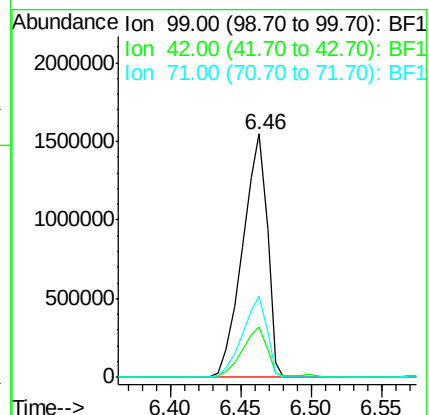
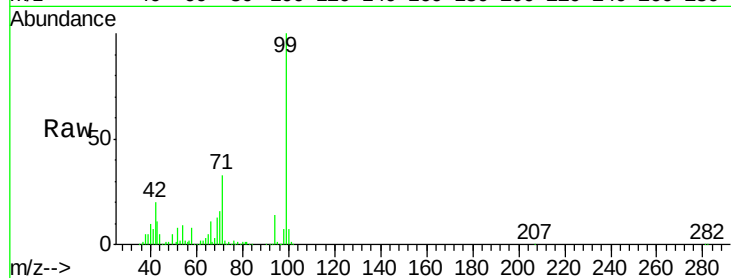
Tgt Ion: 99 Resp: 1884294

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 33.0 26.4 39.6



#8

2-Chlorophenol

Concen: 42.10 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

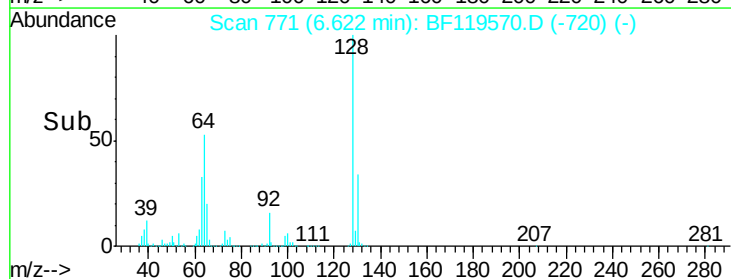
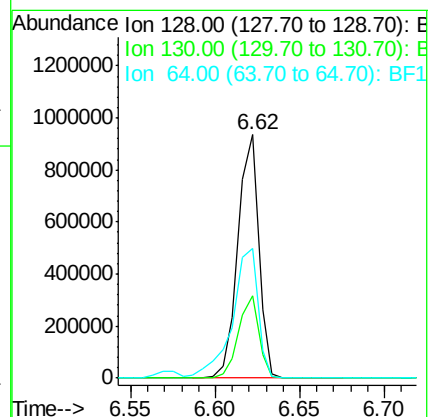
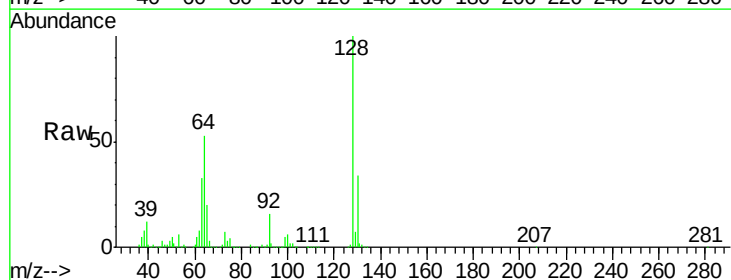
Tgt Ion: 128 Resp: 799032

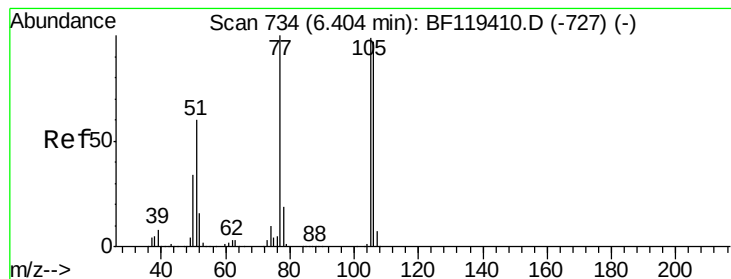
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 53.1 35.3 75.3





#9

Benzaldehyde

Concen: 38.90 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

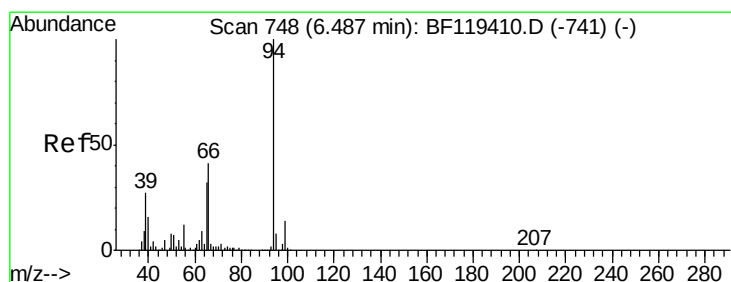
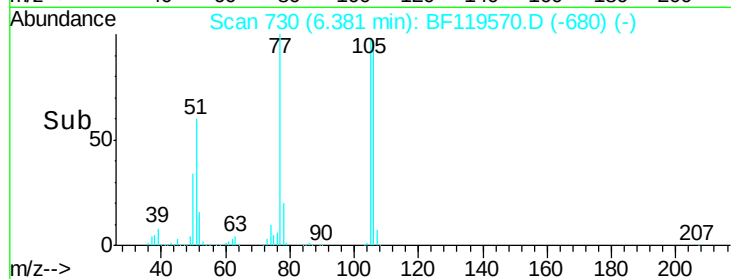
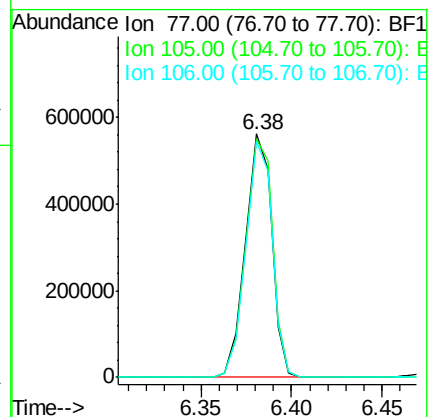
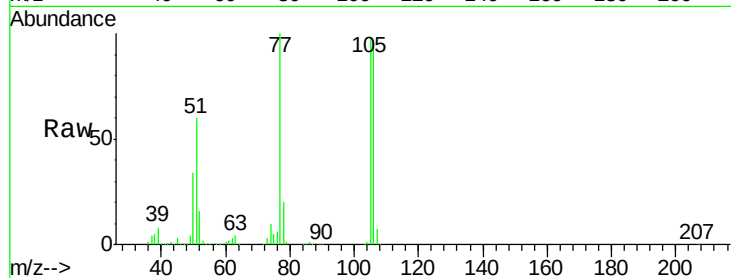
Tgt Ion: 77 Resp: 569618

Ion Ratio Lower Upper

77 100

105 97.7 80.9 120.9

106 96.7 77.9 117.9



#10

Phenol

Concen: 43.37 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

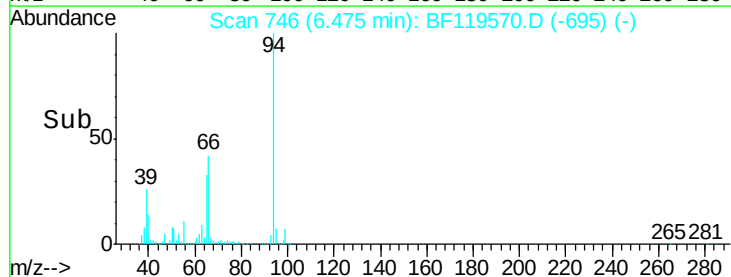
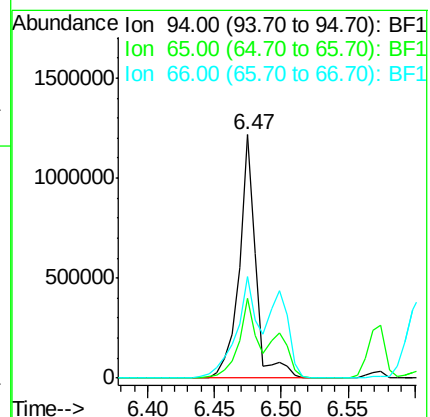
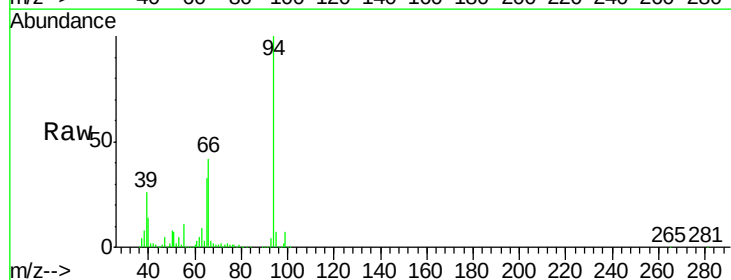
Tgt Ion: 94 Resp: 1068348

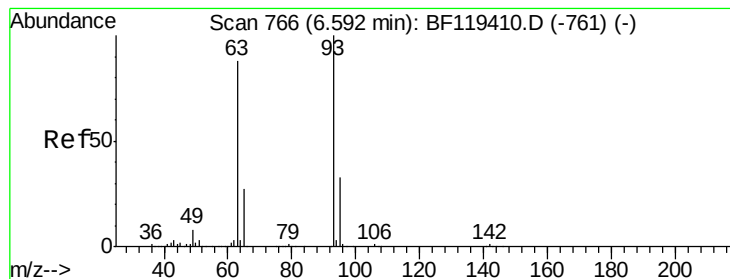
Ion Ratio Lower Upper

94 100

65 32.8 13.2 53.2

66 41.8 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 41.58 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

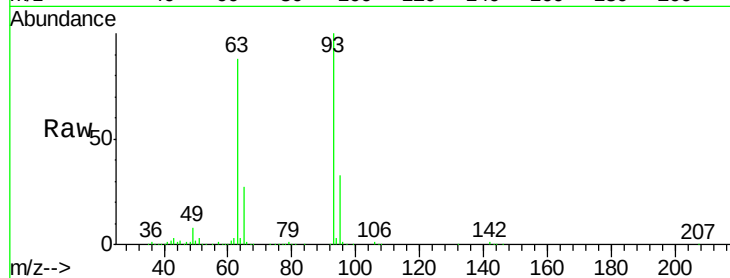
Tgt Ion: 93 Resp: 819181

Ion Ratio Lower Upper

93 100

63 87.5 70.2 110.2

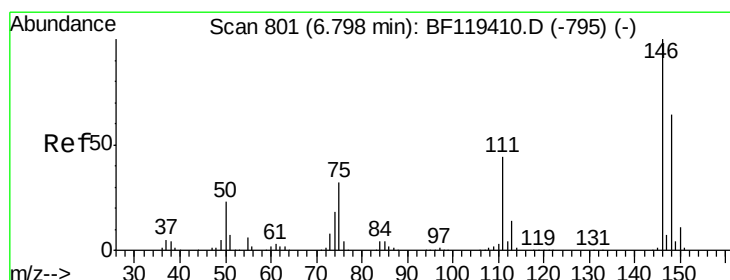
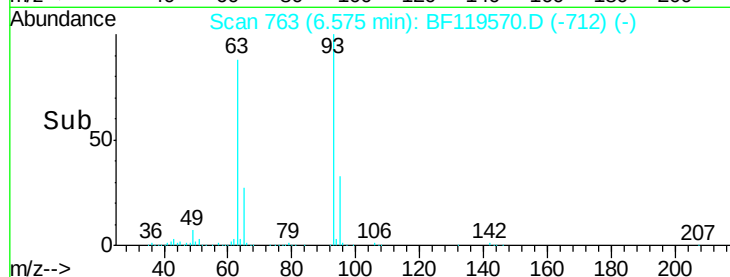
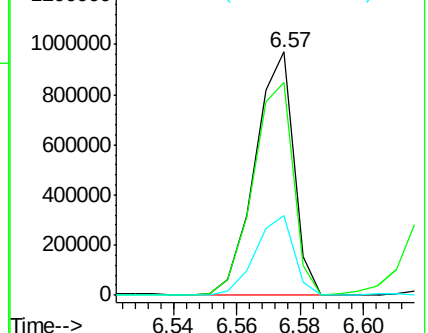
95 32.7 13.4 53.4



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: 41.59 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

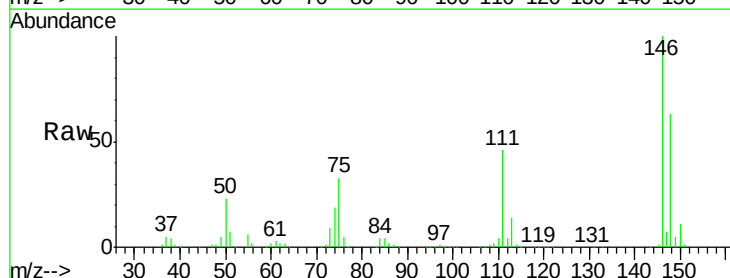
Tgt Ion: 146 Resp: 854288

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.4

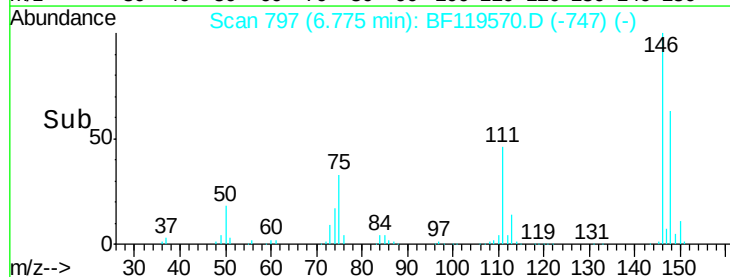
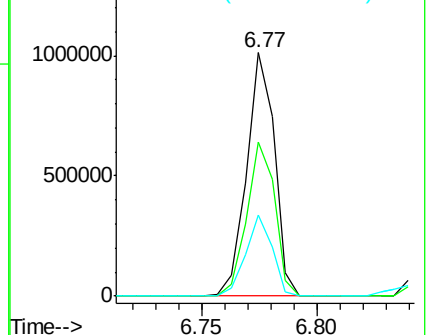
75 33.2 23.0 34.4

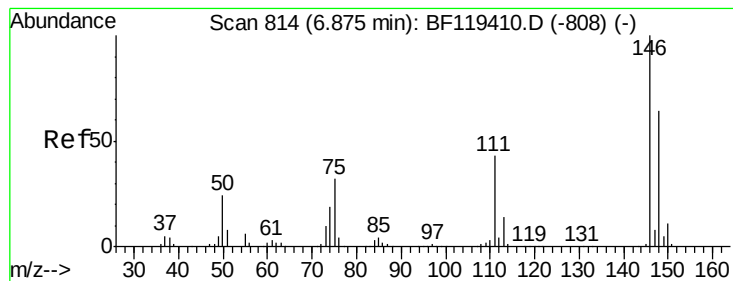


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.89 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

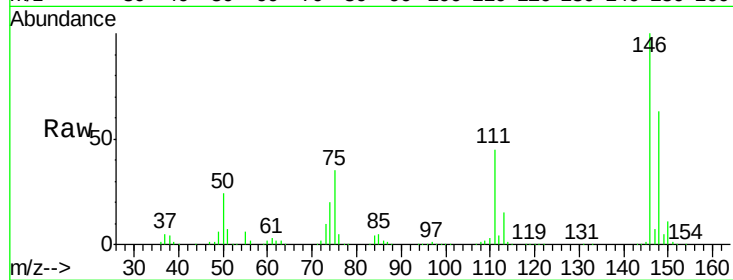
Tgt Ion:146 Resp: 860820

Ion Ratio Lower Upper

146 100

148 62.7 51.5 77.3

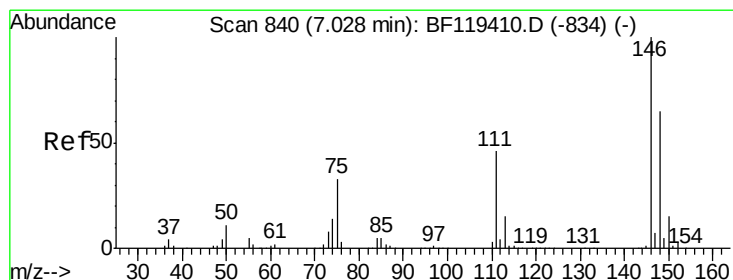
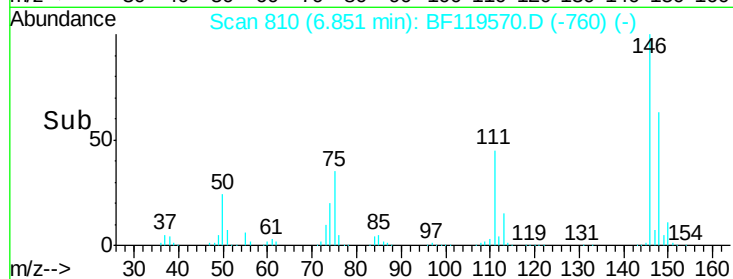
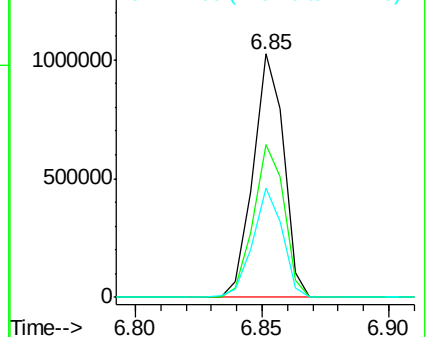
111 45.0 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.50 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

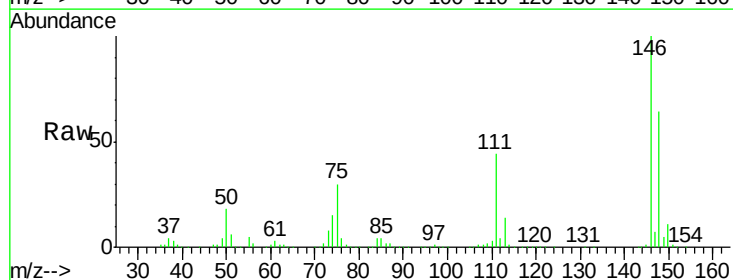
Tgt Ion:146 Resp: 816160

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

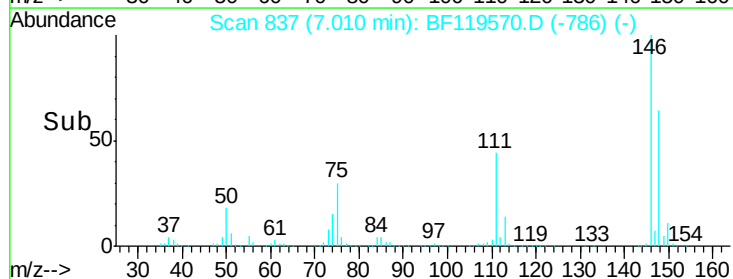
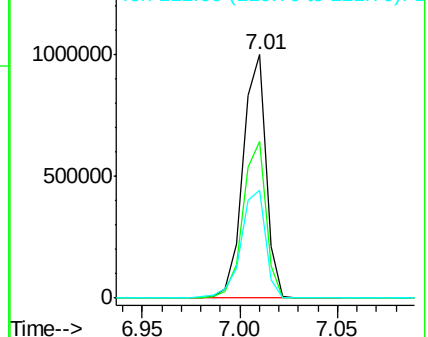
111 44.1 36.1 54.1

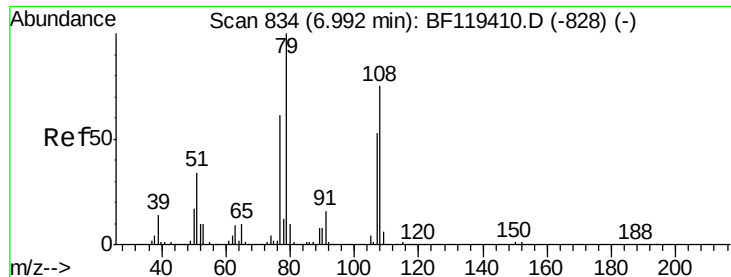


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

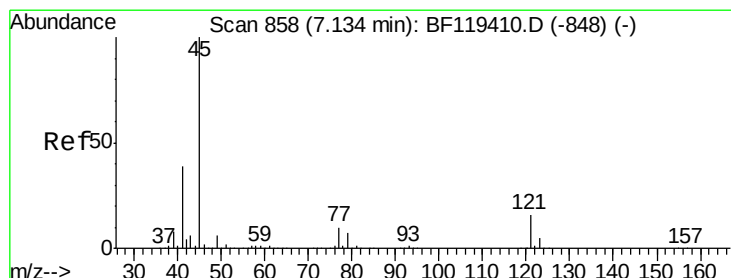
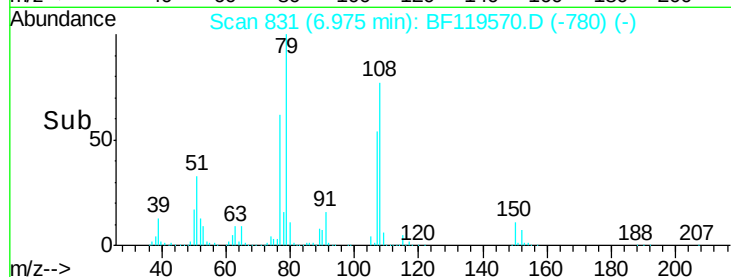
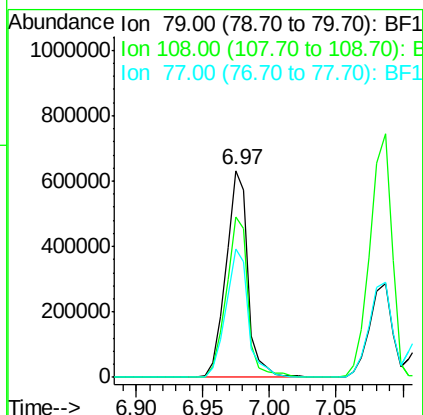
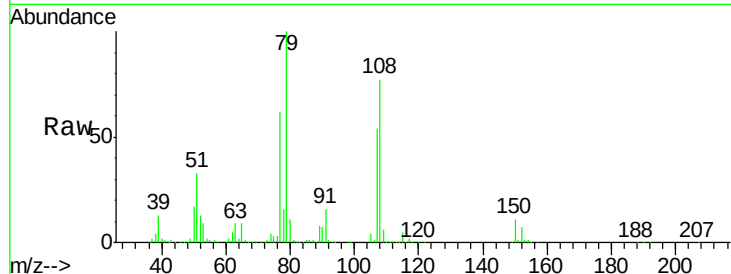




#15
Benzyl Alcohol
Concen: 42.24 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

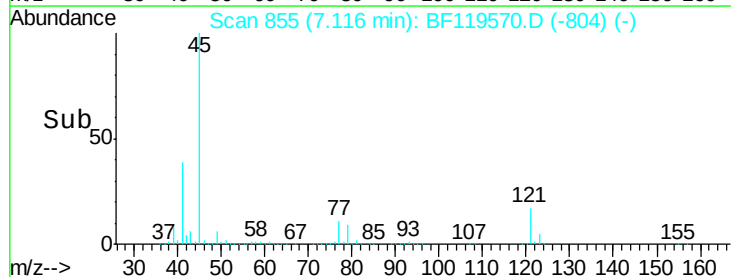
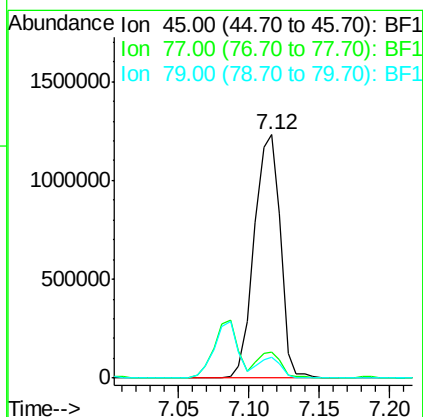
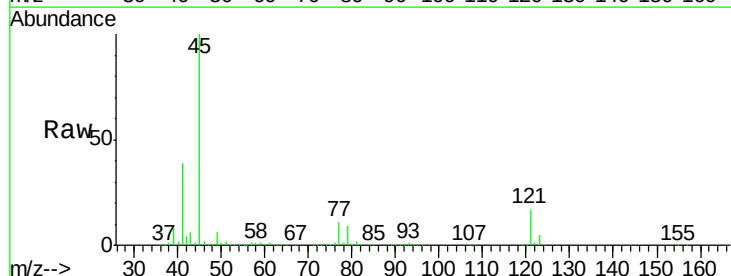
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

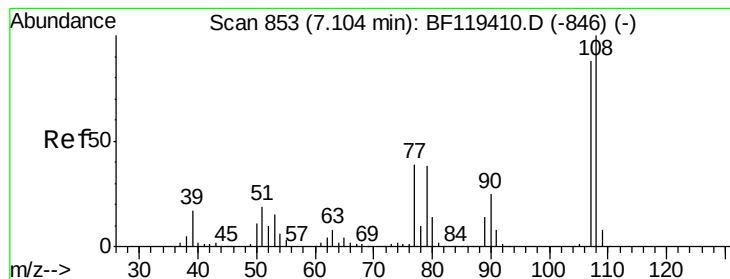
Tgt Ion: 79 Resp: 733418
Ion Ratio Lower Upper
79 100
108 77.4 60.6 90.8
77 62.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.44 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion: 45 Resp: 1606870
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.7
79 8.5 0.0 28.2





#17

2-Methylphenol

Concen: 42.22 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 734154

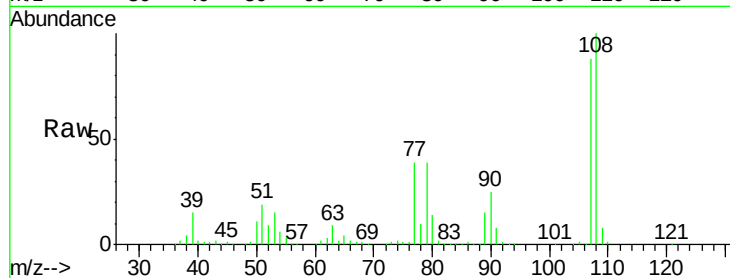
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.4

77 44.6 36.6 54.8

79 44.0 36.2 54.4

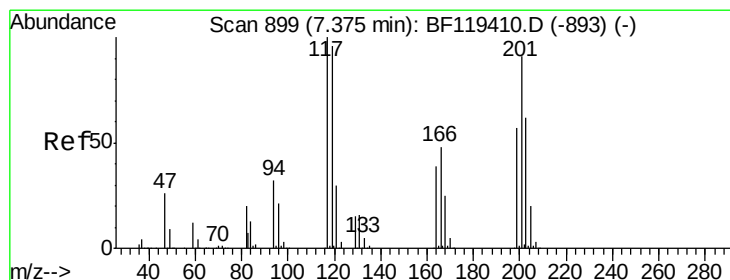
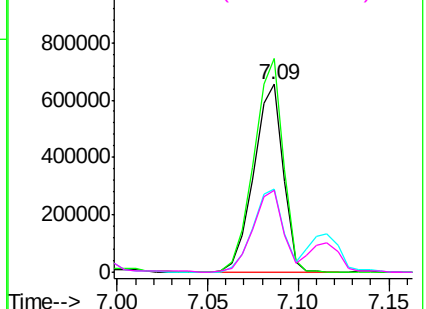
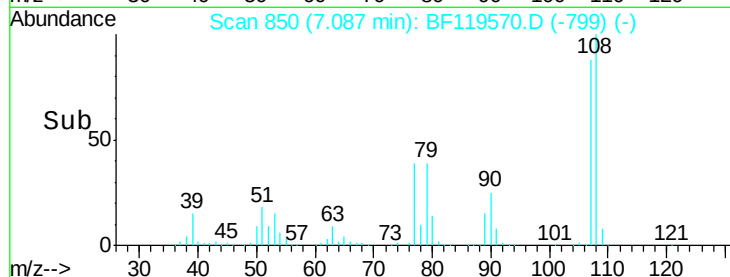


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.15 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

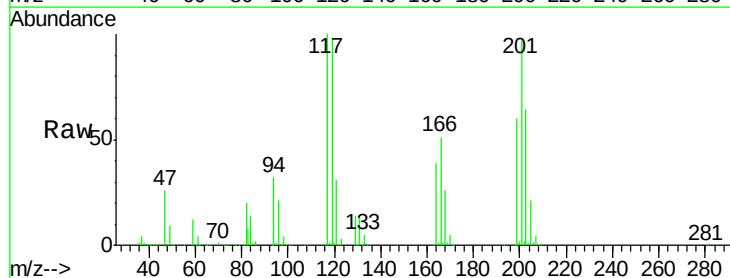
Tgt Ion:117 Resp: 324948

Ion Ratio Lower Upper

117 100

119 97.5 76.1 114.1

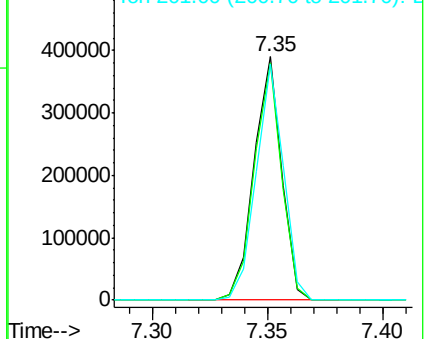
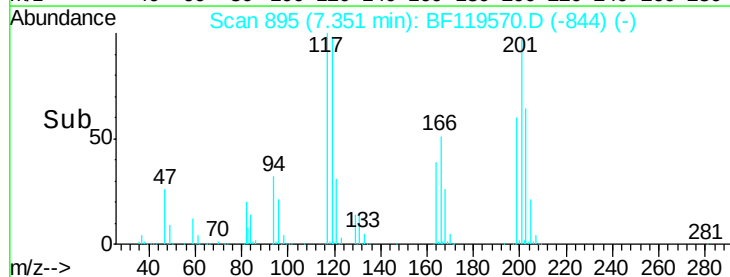
201 97.0 73.0 109.6

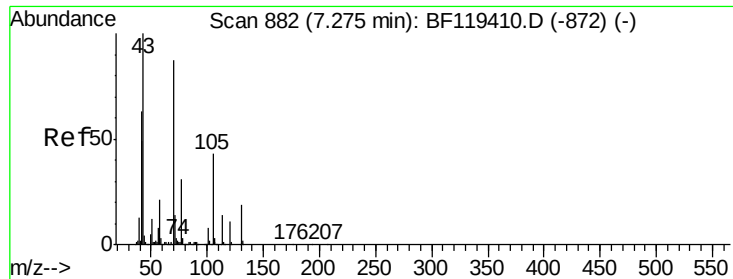


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

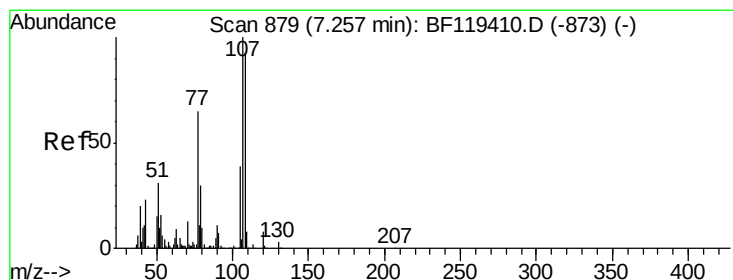
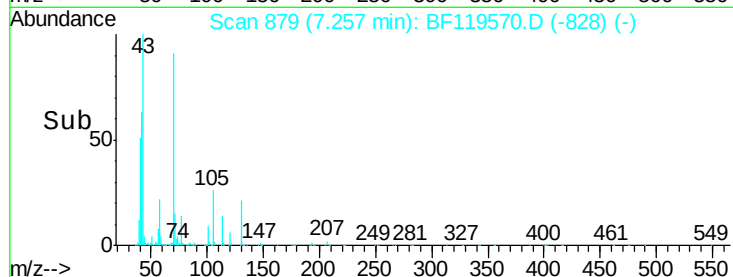
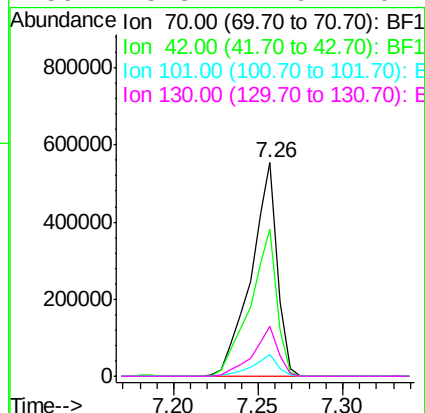
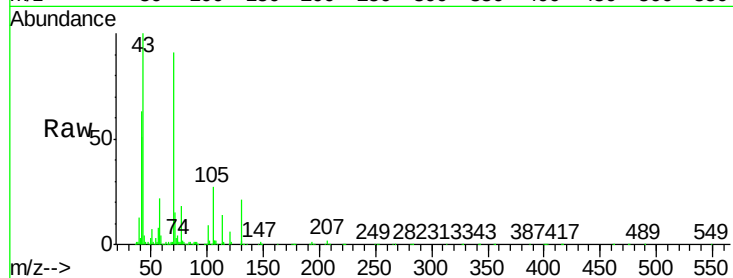




#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

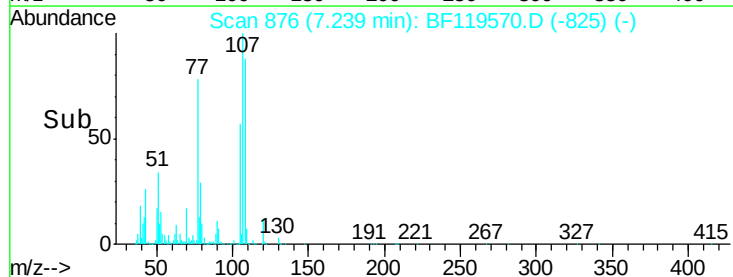
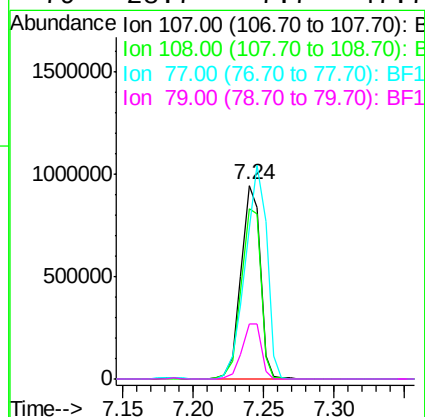
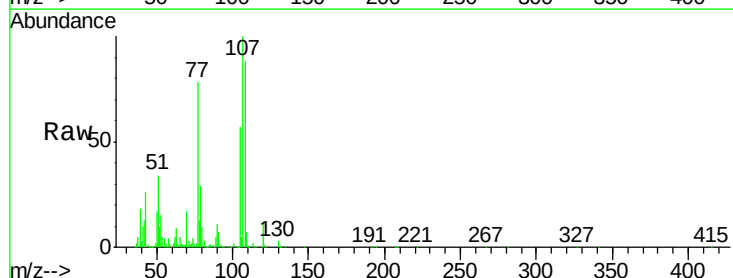
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

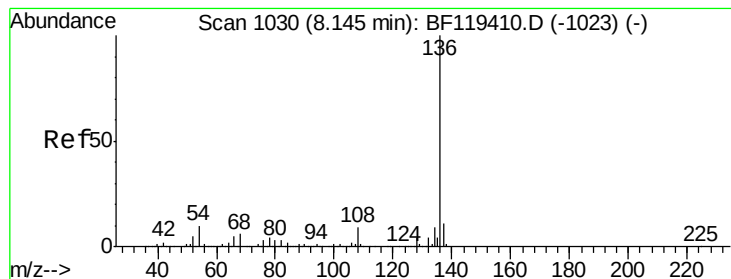
Tgt Ion:	70	Resp:	599329
Ion	Ratio	Lower	Upper
70	100		
42	69.0	54.5	81.7
101	10.0	7.6	11.4
130	23.3	17.6	26.4



#20
3+4-Methylphenols
Concen: 42.23 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:	107	Resp:	900069
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	77.8	52.9	92.9
79	28.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1095748

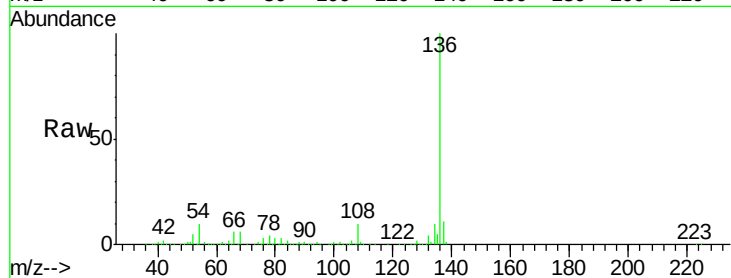
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.4 9.1 13.7

68 5.7 4.6 6.8



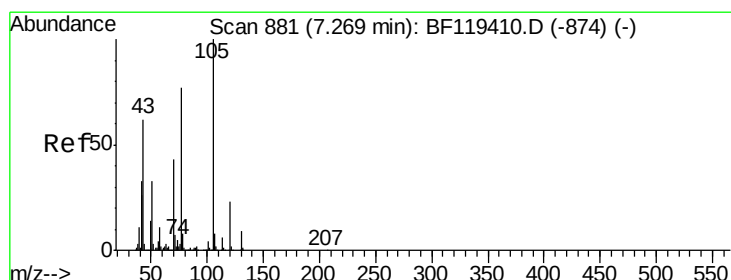
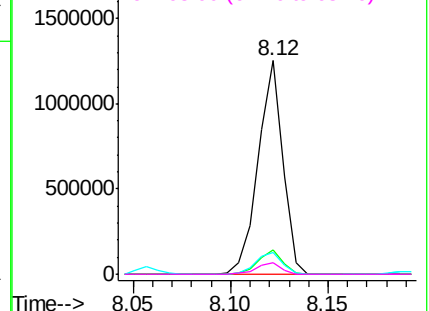
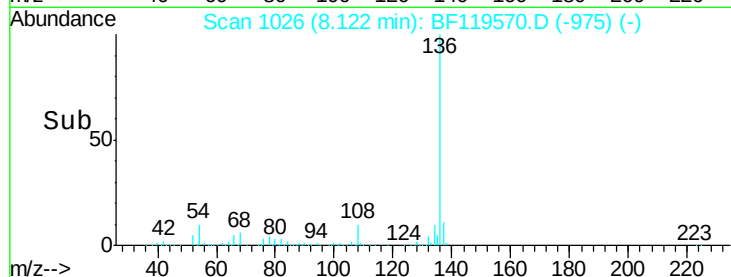
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.84 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Tgt Ion:105 Resp: 1069403

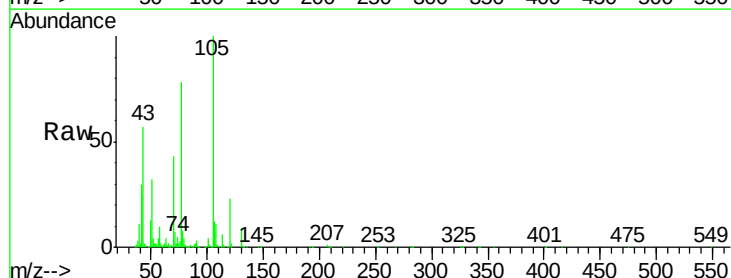
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 31.7 26.2 39.4

120 22.5 18.3 27.5



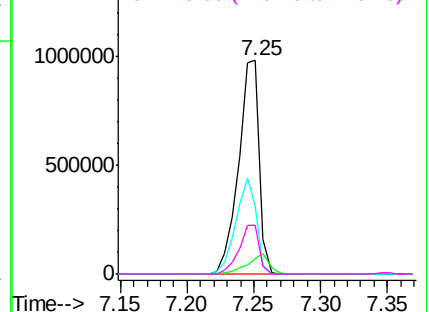
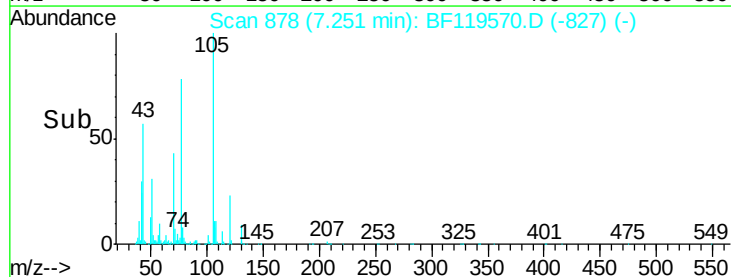
Abundance

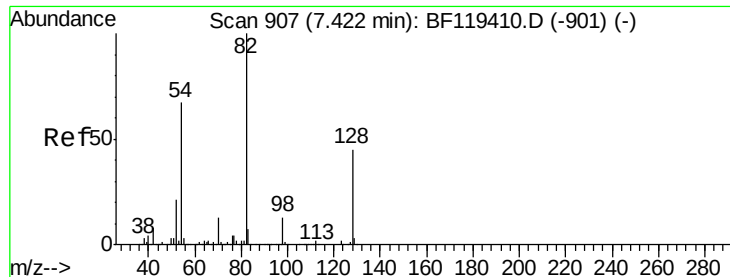
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.11 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

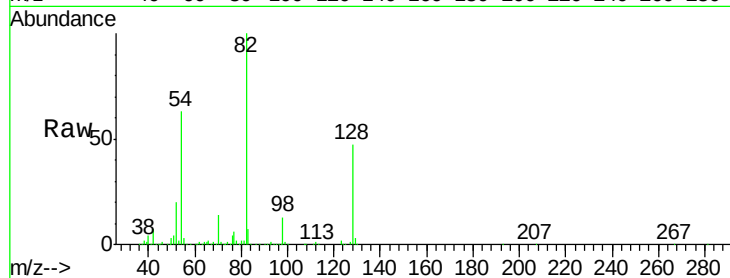
Tgt Ion: 82 Resp: 1756329

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

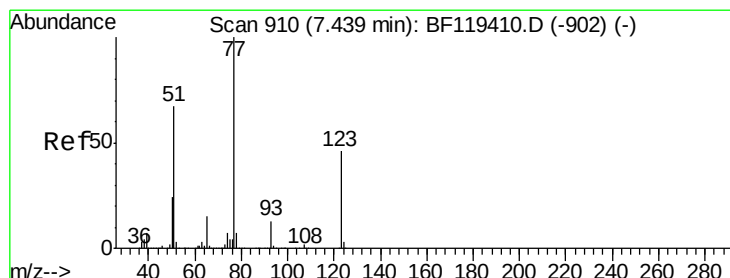
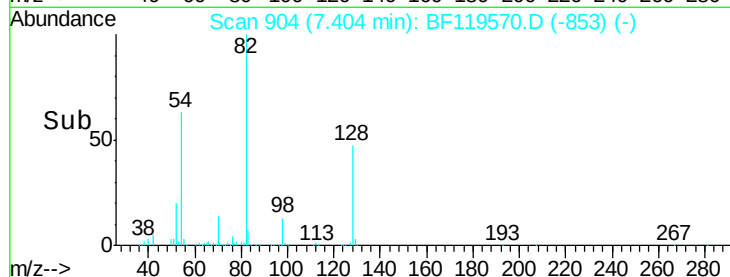
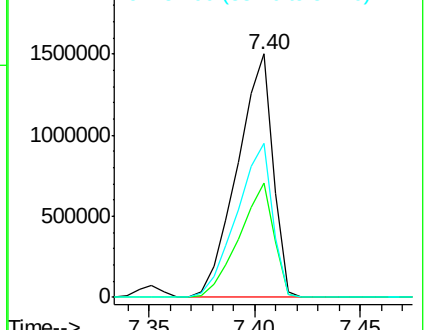
54 63.5 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.39 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

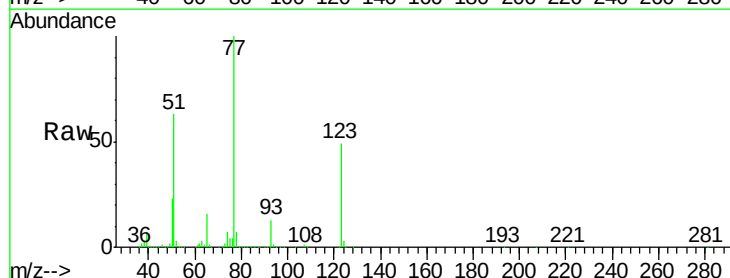
Tgt Ion: 77 Resp: 891719

Ion Ratio Lower Upper

77 100

123 48.6 38.0 57.0

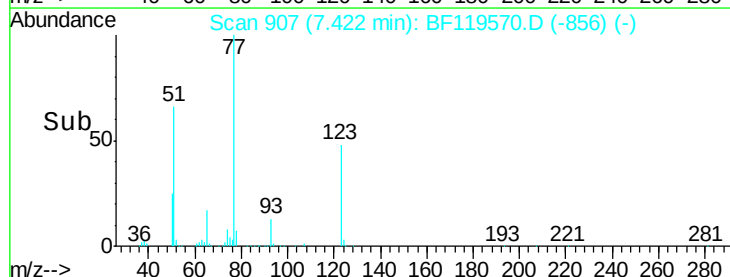
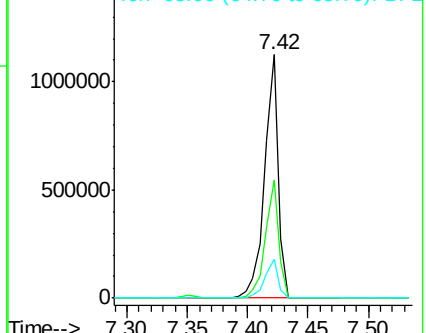
65 15.7 12.6 18.8

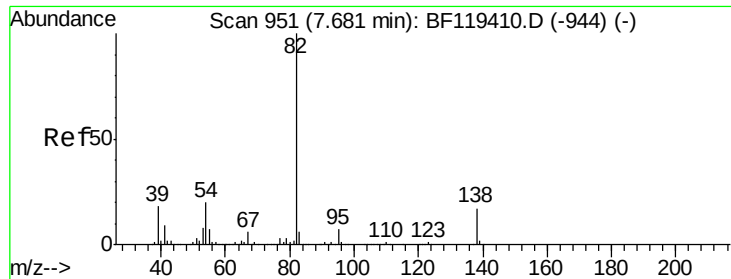


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.49 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

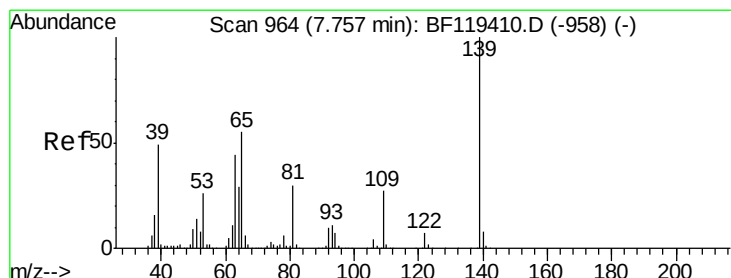
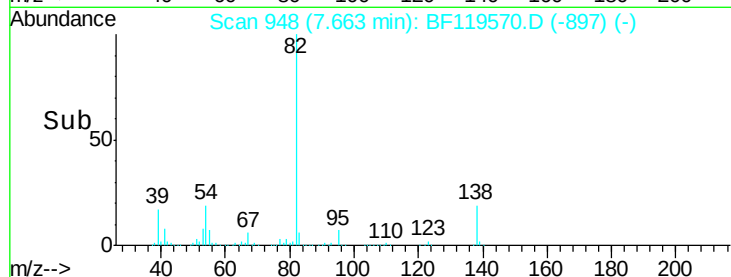
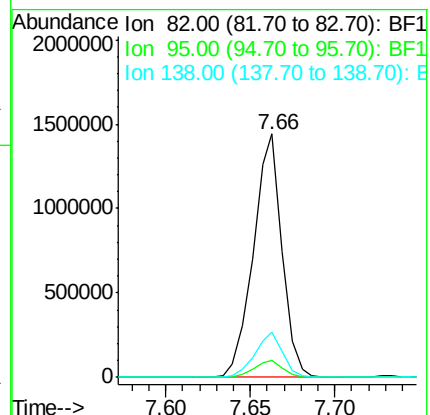
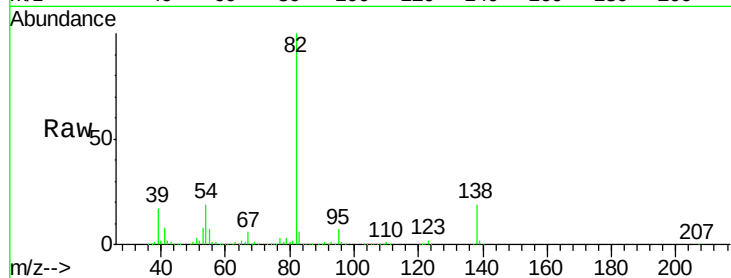
Tgt Ion: 82 Resp: 1696999

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 18.8 14.6 21.8



#26

2-Nitrophenol

Concen: 52.48 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

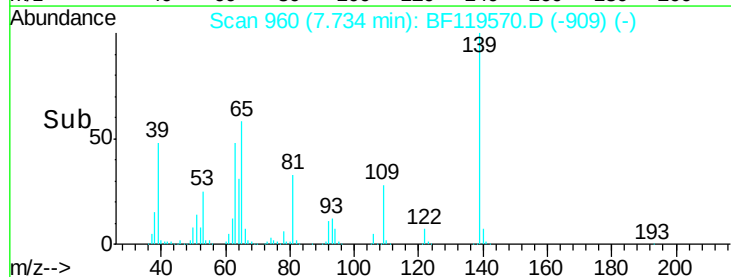
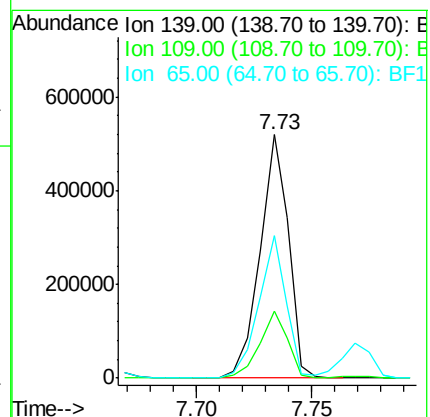
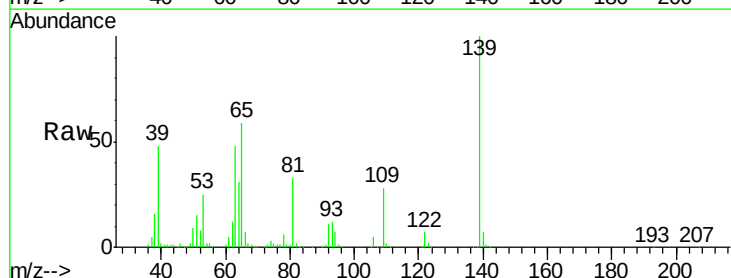
Tgt Ion: 139 Resp: 445225

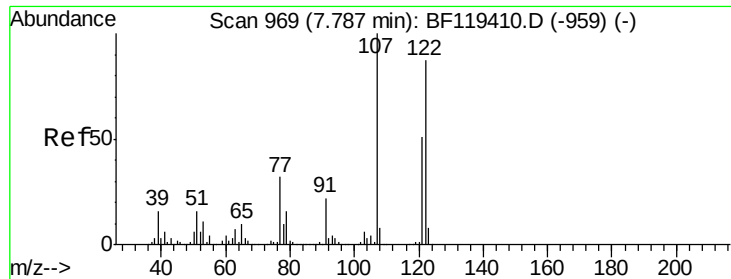
Ion Ratio Lower Upper

139 100

109 27.6 22.1 33.1

65 58.5 49.2 73.8

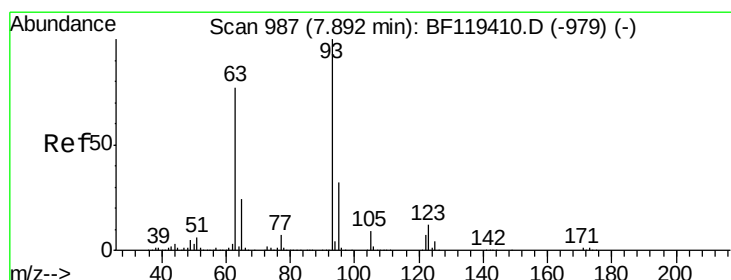
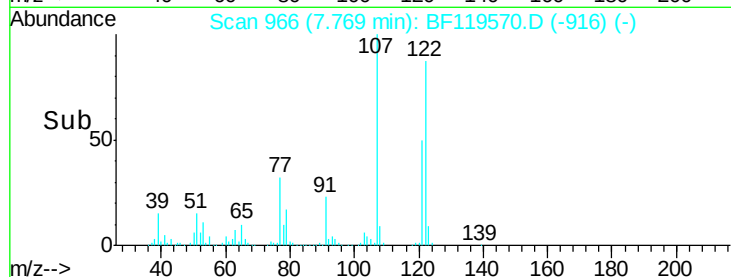
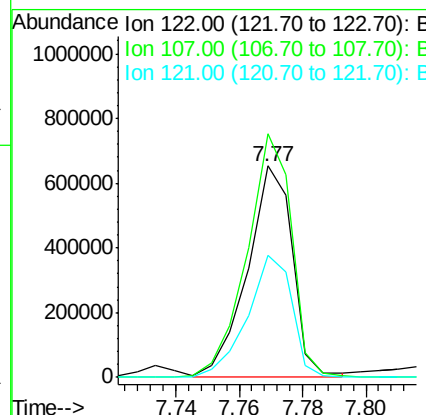
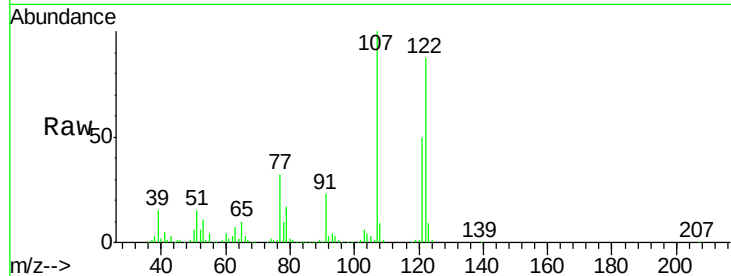




#27
2,4-Dimethylphenol
Concen: 36.75 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

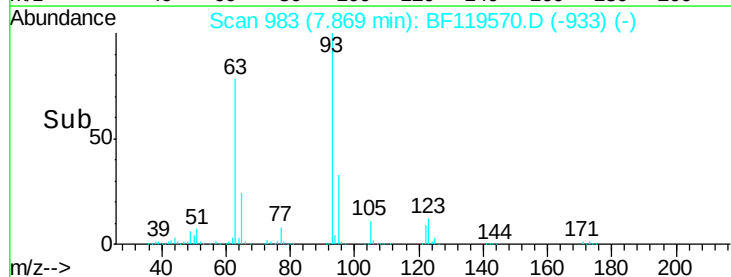
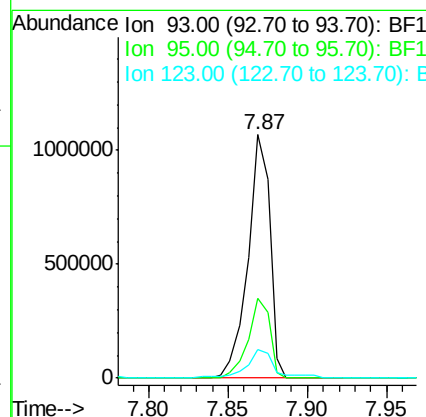
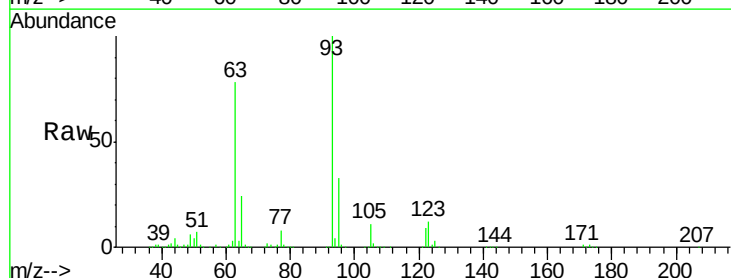
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

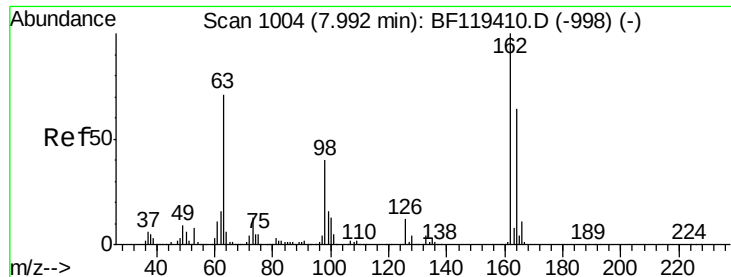
Tgt Ion:122 Resp: 644658
Ion Ratio Lower Upper
122 100
107 115.4 89.0 133.6
121 57.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.00 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion: 93 Resp: 1015720
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.7 9.7 14.5

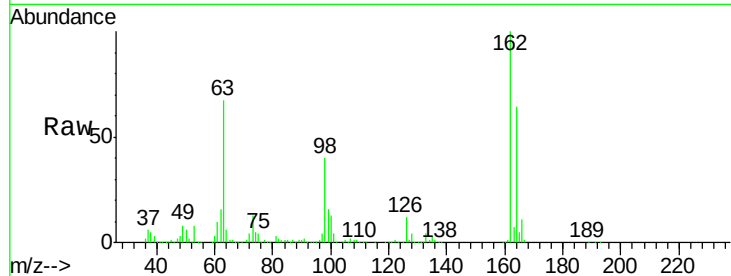




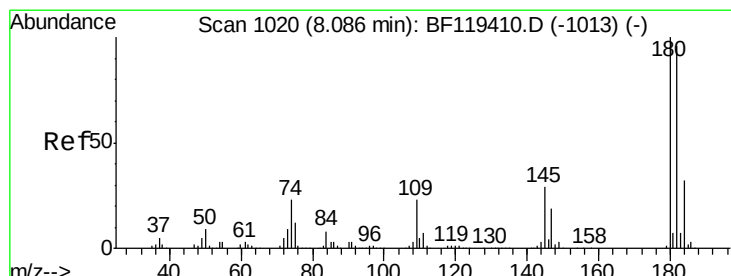
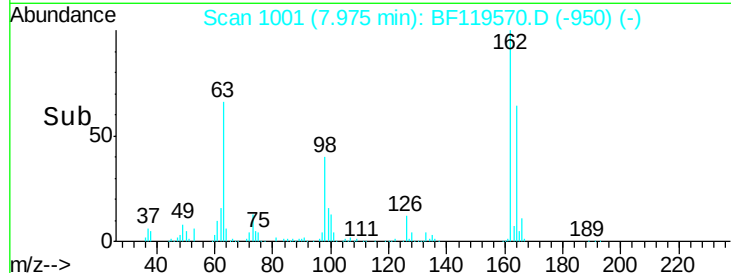
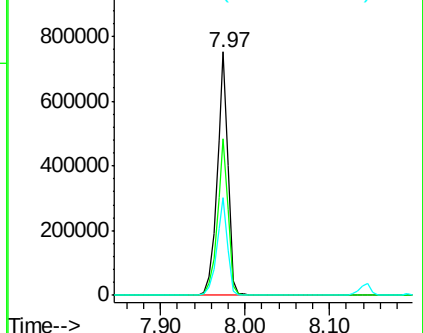
#29
2,4-Dichlorophenol
Concen: 43.09 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 694561
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 39.9 20.7 60.7

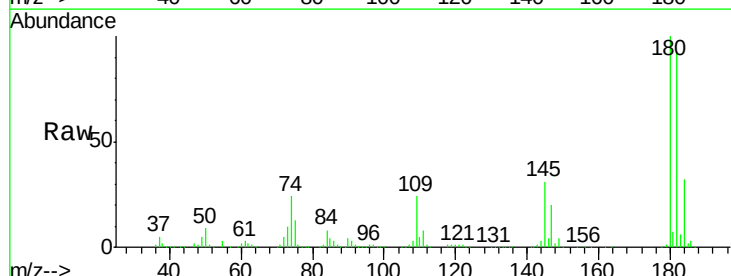


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

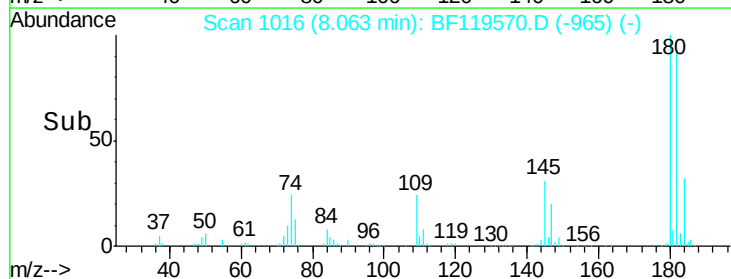
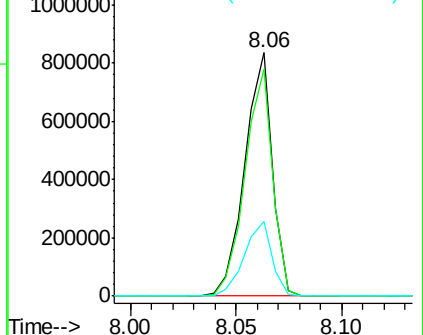


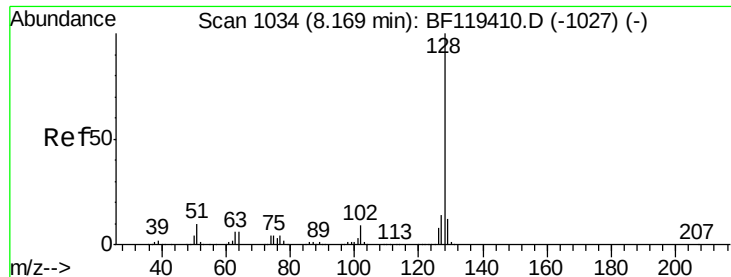
#30
1,2,4-Trichlorobenzene
Concen: 42.34 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:180 Resp: 754822
Ion Ratio Lower Upper
180 100
182 93.3 74.7 112.1
145 30.7 24.5 36.7



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

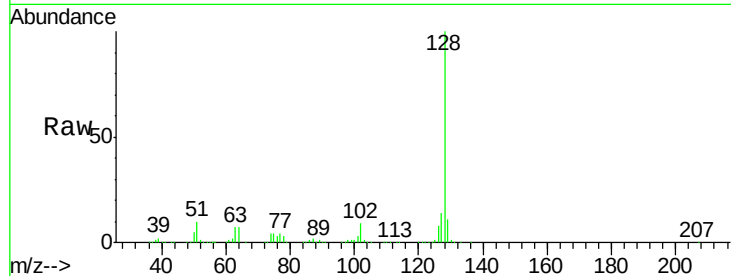




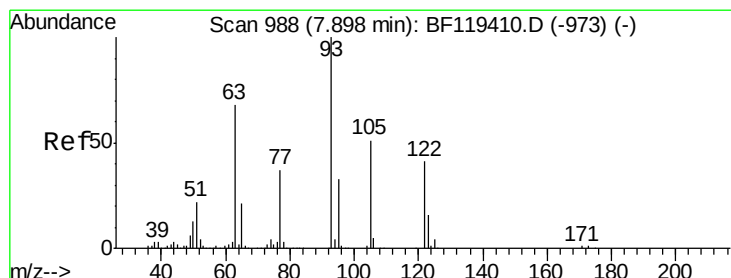
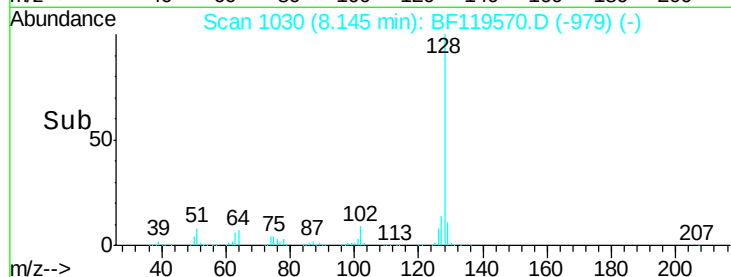
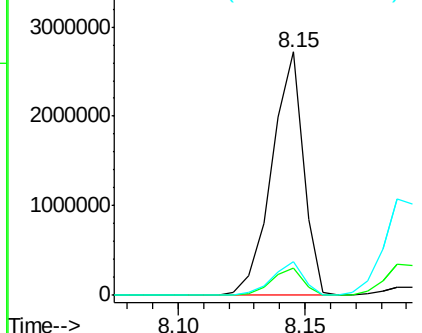
#31
Naphthalene
Concen: 41.53 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2341627
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.9 11.3 16.9

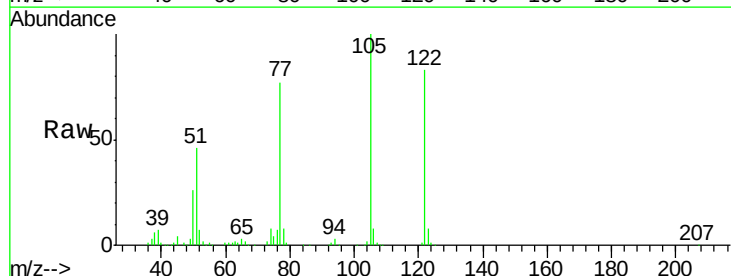


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

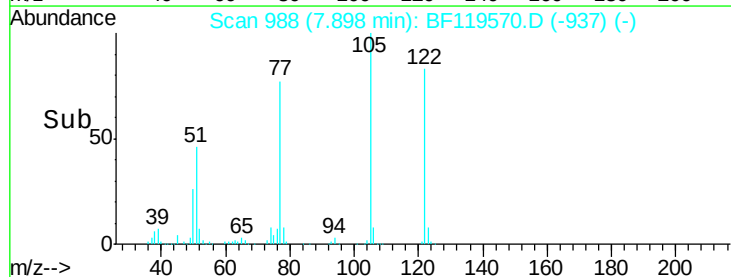
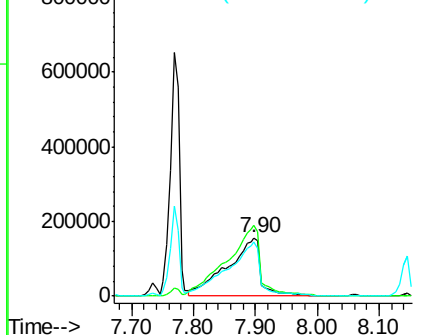


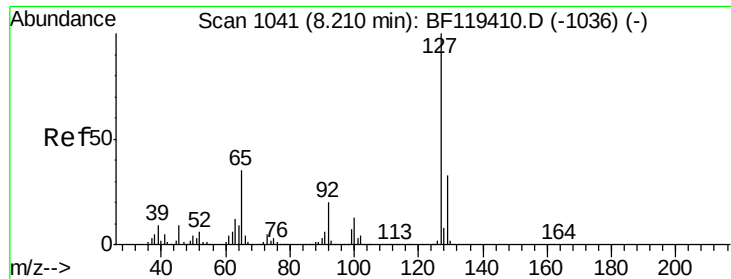
#32
Benzoic acid
Concen: 52.17 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:122 Resp: 588649
Ion Ratio Lower Upper
122 100
105 120.3 104.9 144.9
77 93.1 74.4 114.4



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

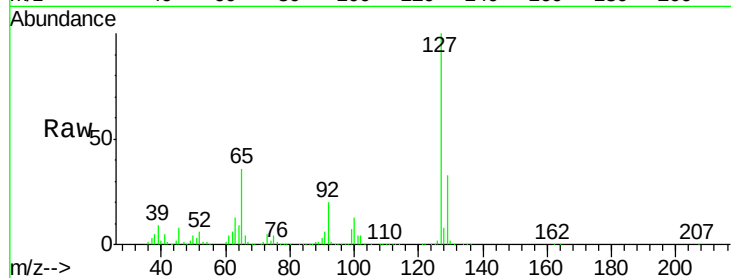




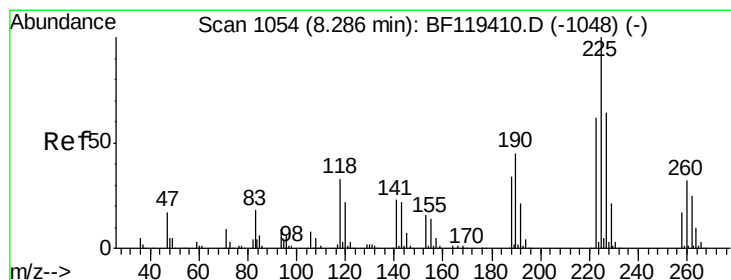
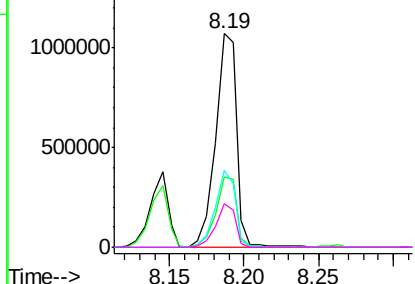
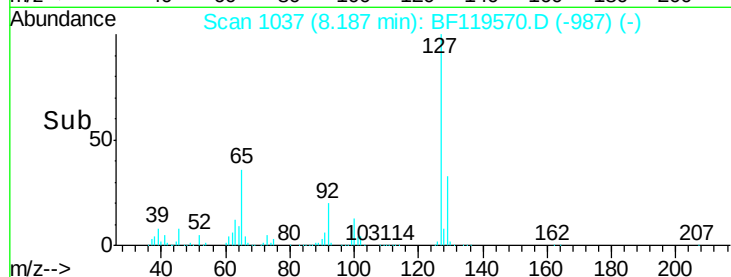
#33
4-Chloroaniline
Concen: 40.98 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	1058841
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	36.1	27.4	41.0
92	20.4	15.3	22.9

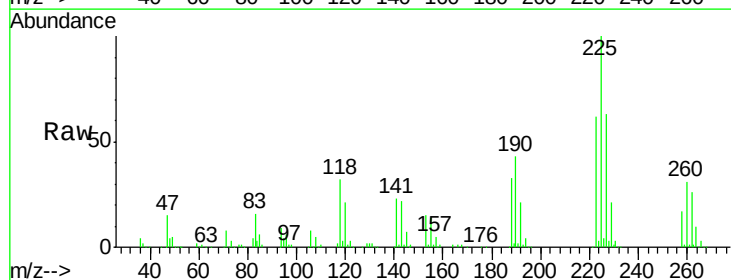


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

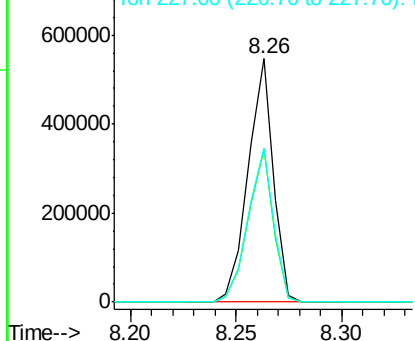
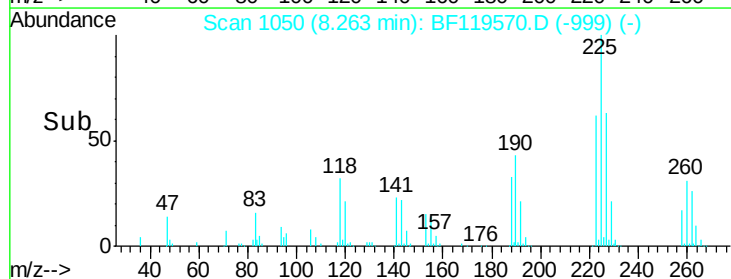


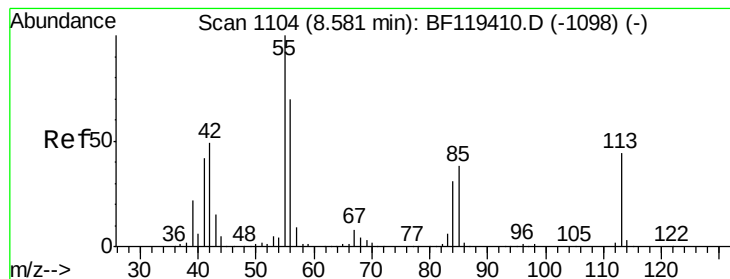
#34
Hexachlorobutadiene
Concen: 45.49 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:	225	Resp:	453719
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.4	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.39 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

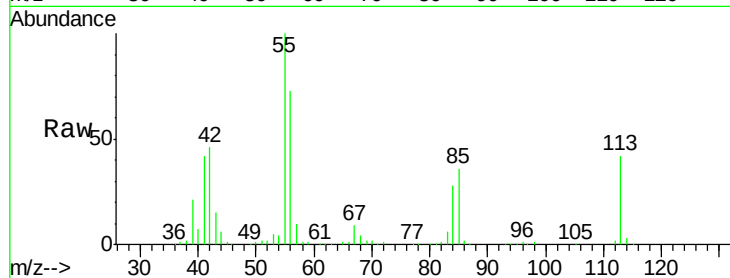
Tgt Ion:113 Resp: 218359

Ion Ratio Lower Upper

113 100

55 236.5 218.4 258.4

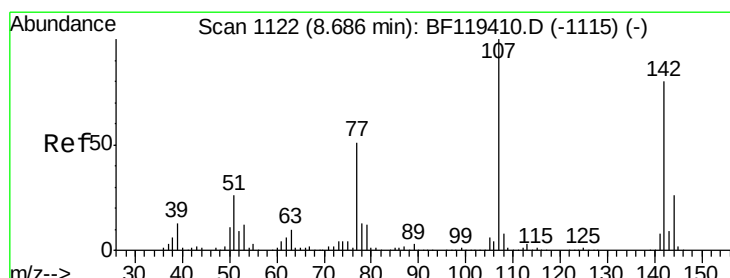
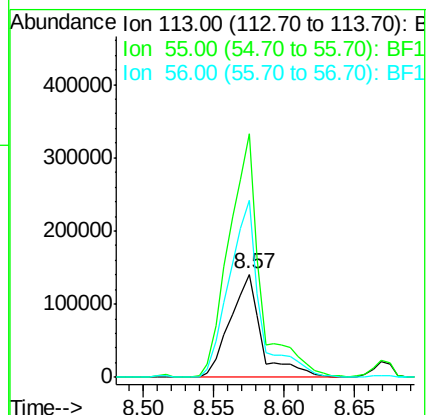
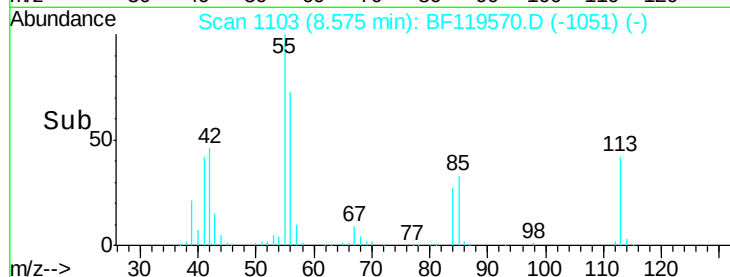
56 172.2 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.54 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

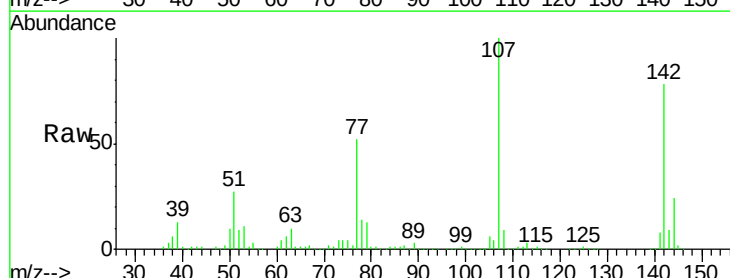
Tgt Ion:107 Resp: 749436

Ion Ratio Lower Upper

107 100

144 24.3 21.0 31.6

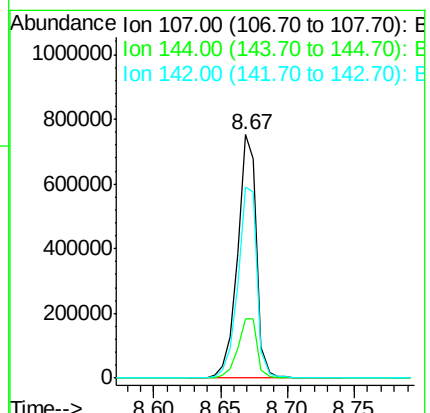
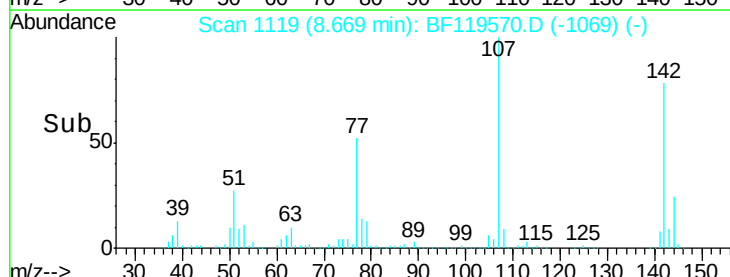
142 78.3 64.4 96.6

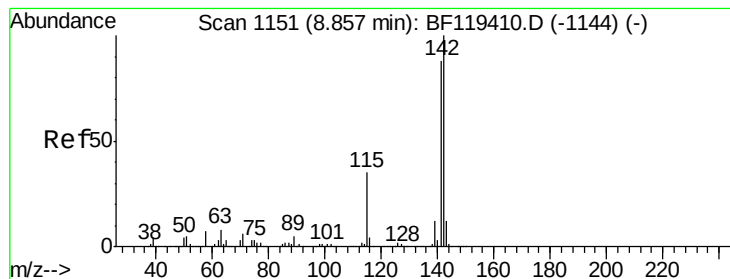


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.70 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

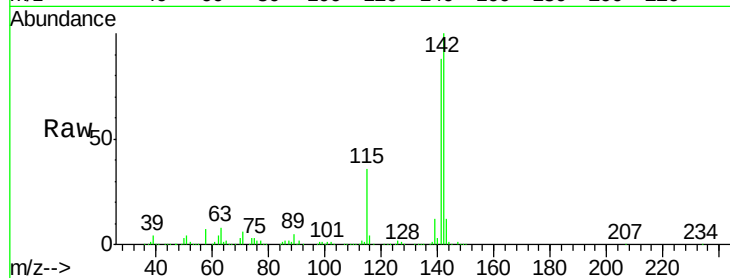
Tgt Ion:142 Resp: 1580190

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

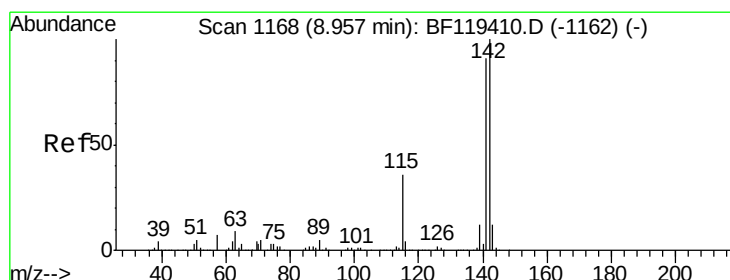
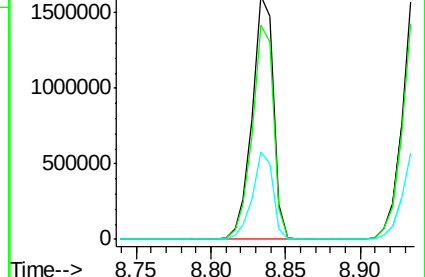
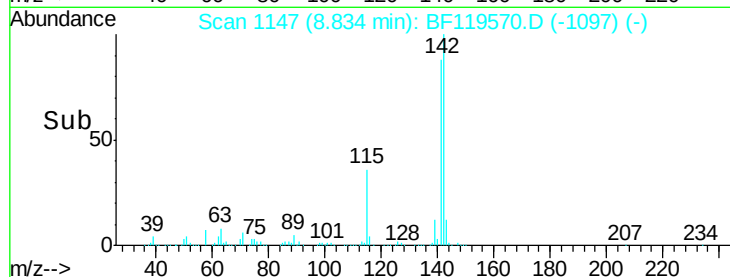
115 35.8 27.9 41.9



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: 42.74 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

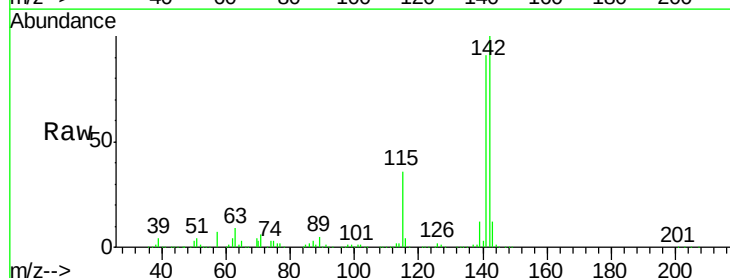
Tgt Ion:142 Resp: 1497212

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

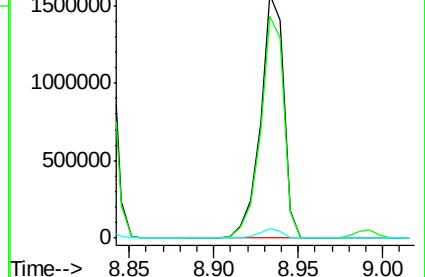
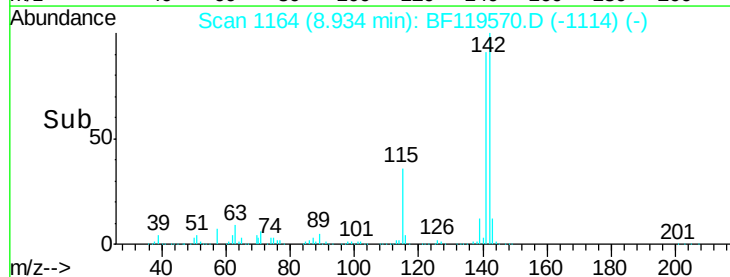
116 3.9 3.0 4.6

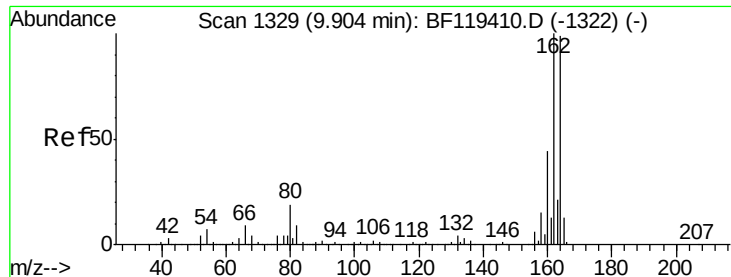


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

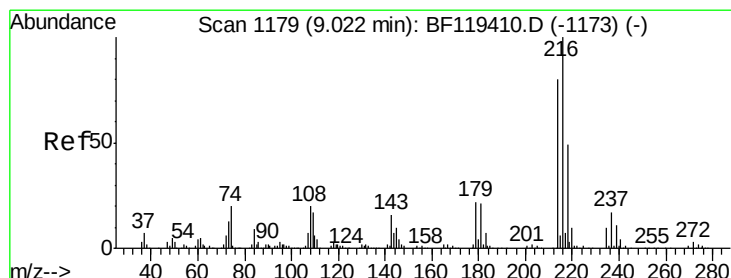
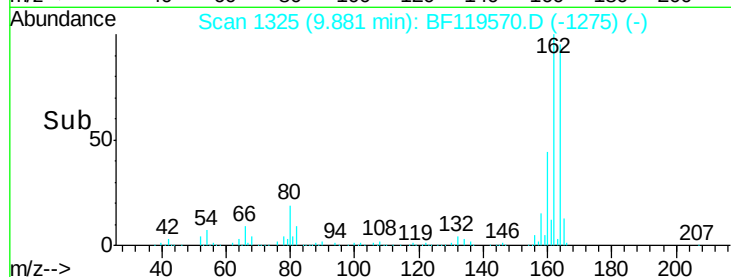
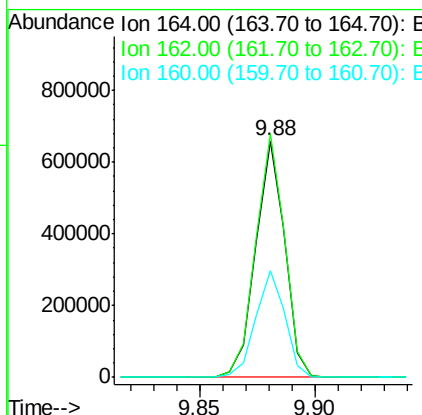
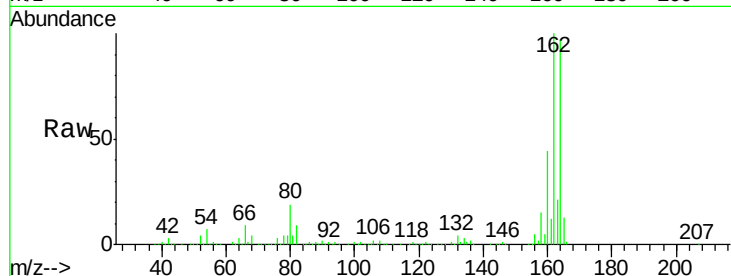




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

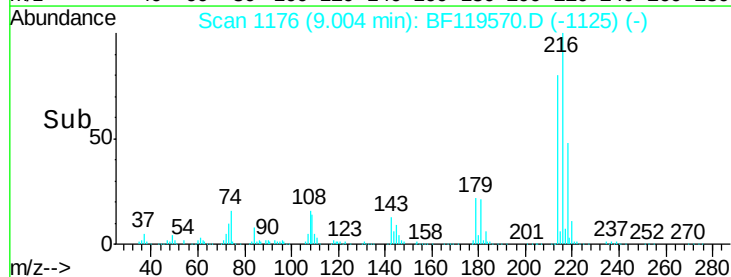
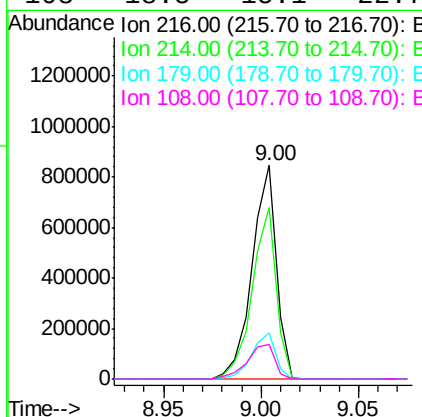
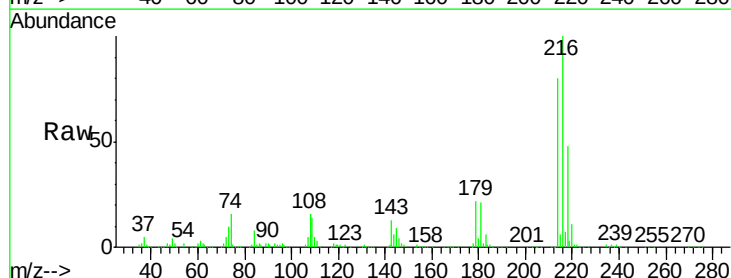
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

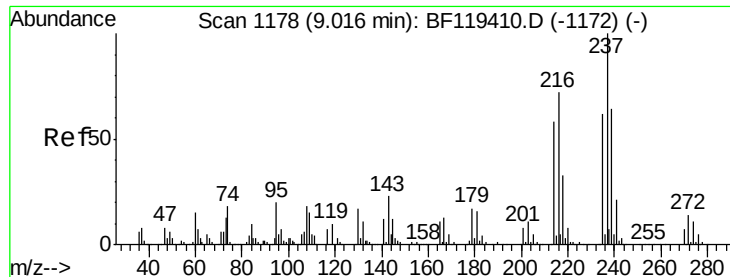
Tgt Ion:164 Resp: 579139
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.6 121.0
 160 45.1 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.08 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion:216 Resp: 731356
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.2 94.8
 179 21.6 17.1 25.7
 108 18.5 15.1 22.7

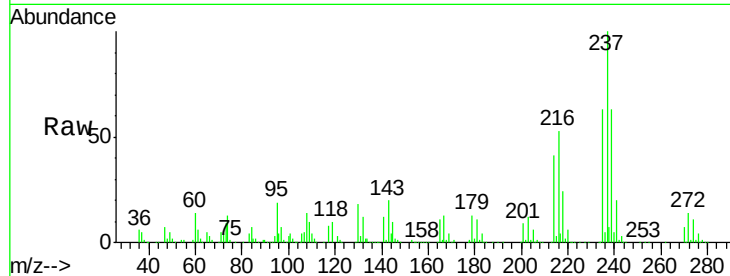




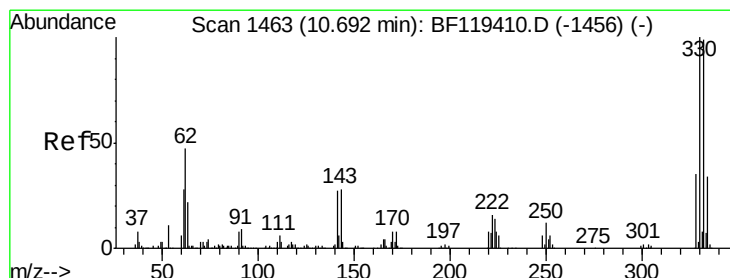
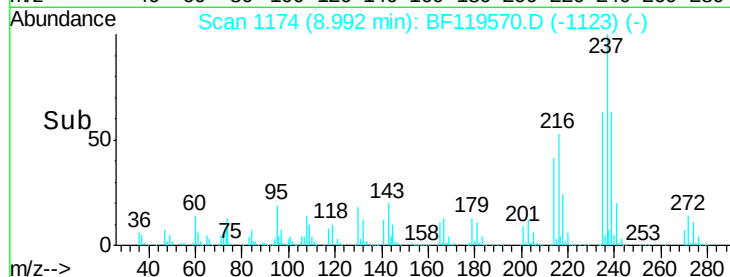
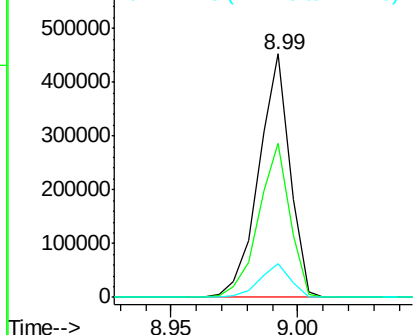
#41
Hexachlorocyclopentadiene
Concen: 39.89 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 385001
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 13.7 0.0 34.1

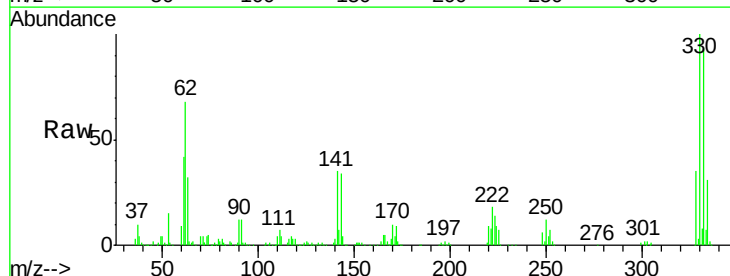


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

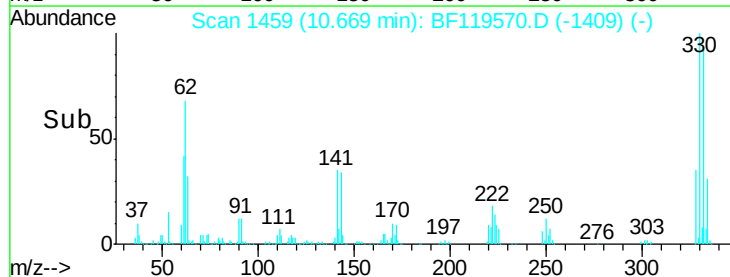
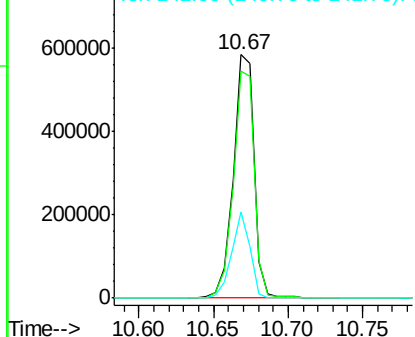


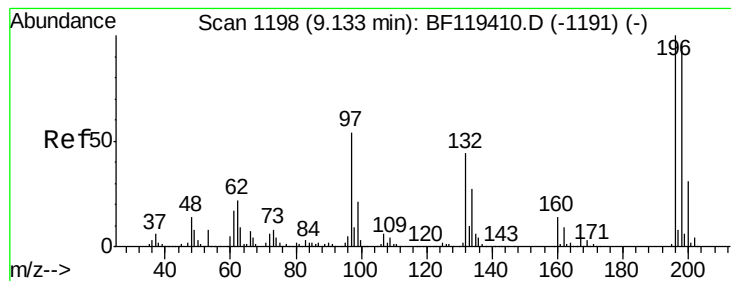
#42
2,4,6-Tribromophenol
Concen: 96.74 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion: 330 Resp: 578020
Ion Ratio Lower Upper
330 100
332 94.5 75.7 113.5
141 31.8 25.4 38.0



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

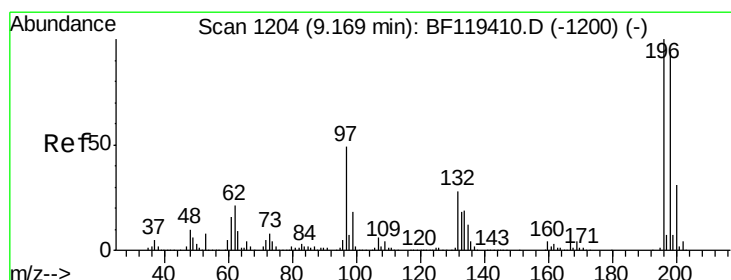
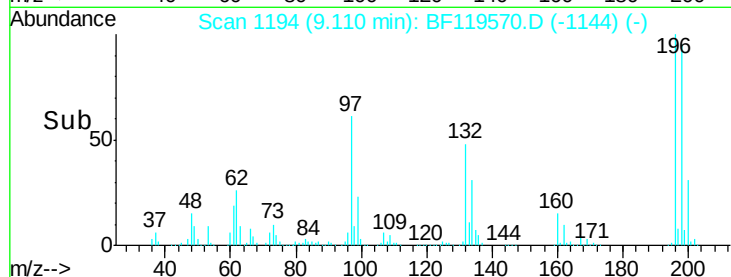
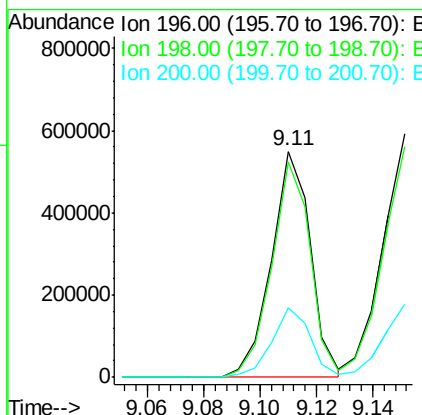
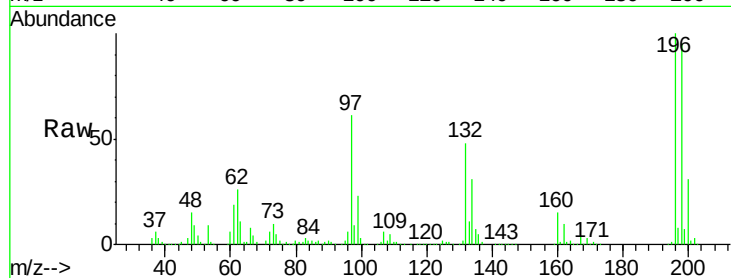




#43
 2,4,6-Trichlorophenol
 Concen: 43.38 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

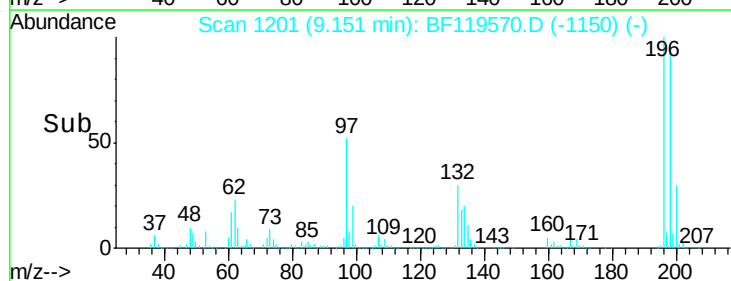
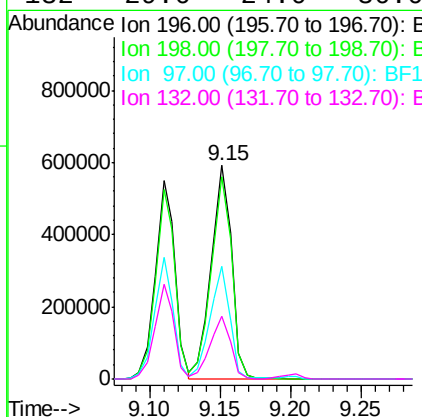
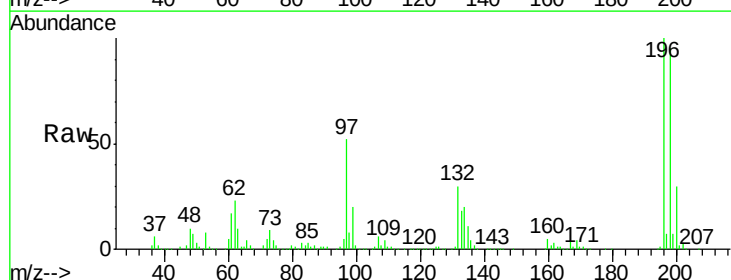
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

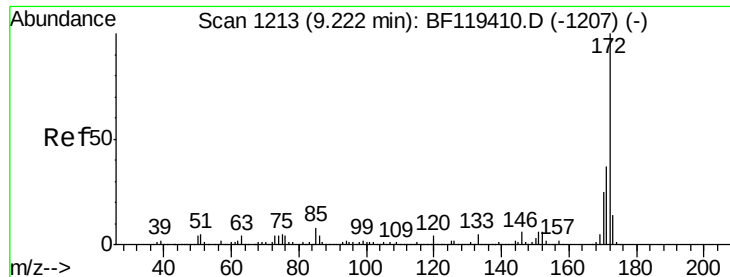
Tgt Ion:196 Resp: 526981
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 30.7 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion:196 Resp: 598104
 Ion Ratio Lower Upper
 196 100
 198 94.7 73.8 110.8
 97 52.5 42.6 63.8
 132 29.6 24.0 36.0

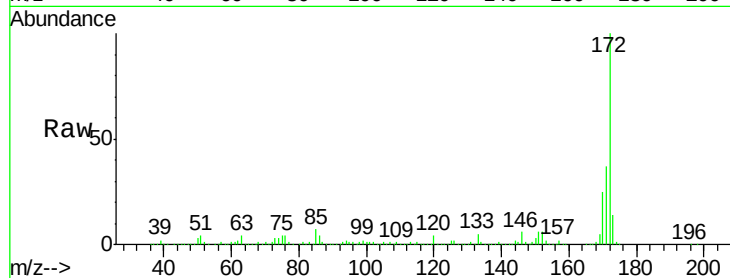




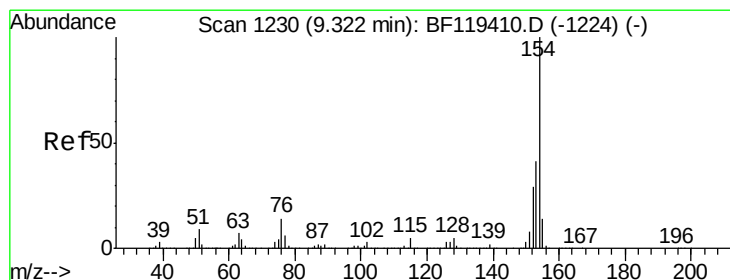
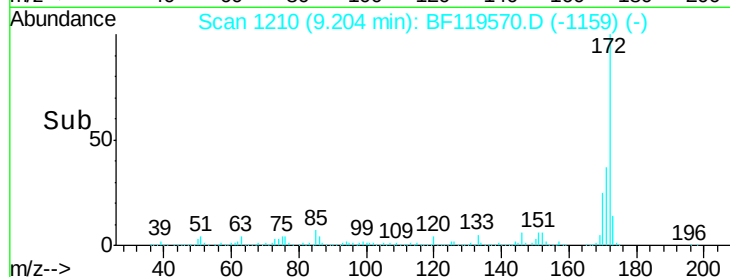
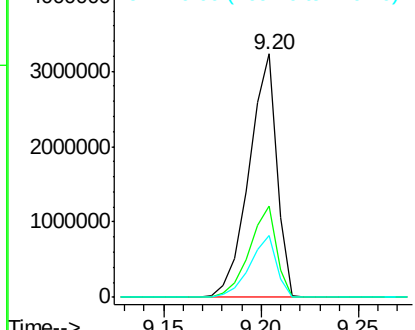
#45
2-Fluorobiphenyl
Concen: 81.04 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3168194
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 25.4 20.2 30.2

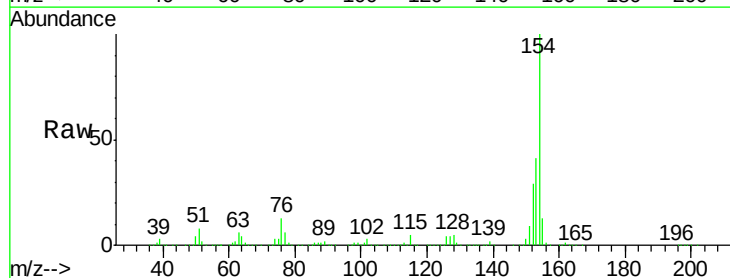


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

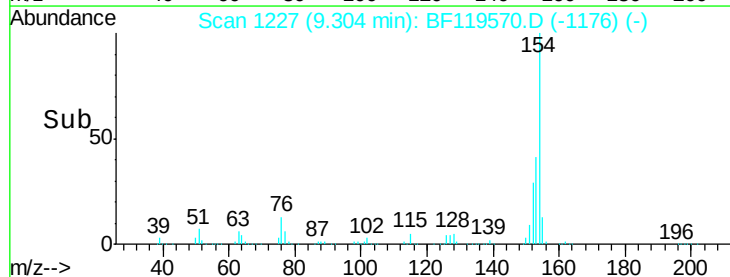
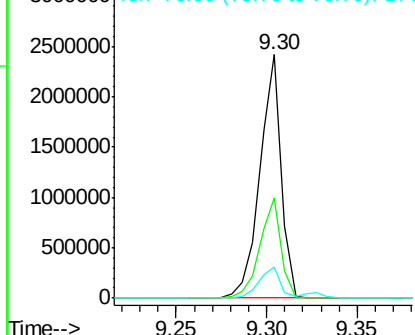


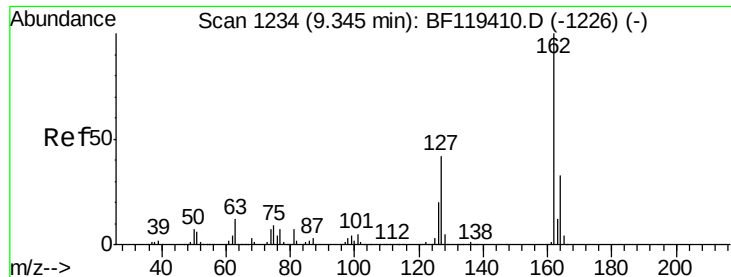
#46
1,1'-Biphenyl
Concen: 41.82 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:154 Resp: 1972444
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 12.7 0.0 33.0



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

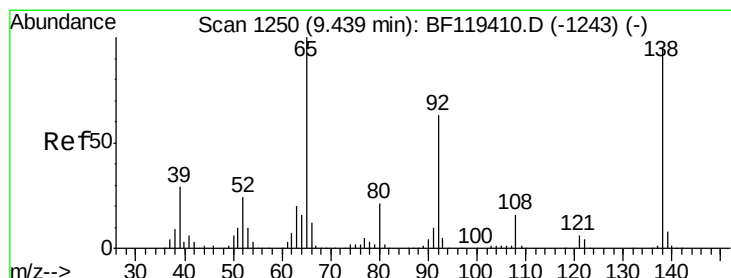
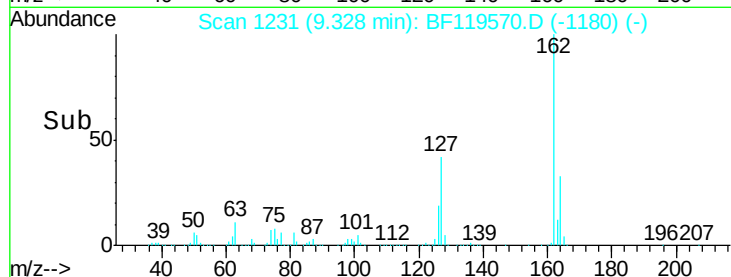
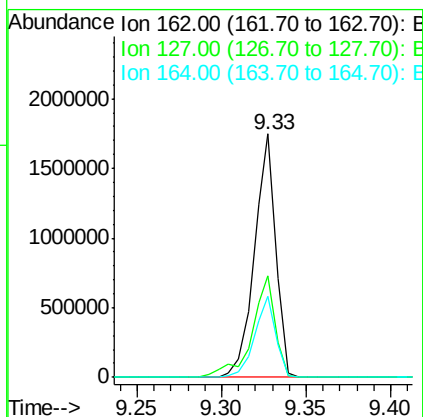
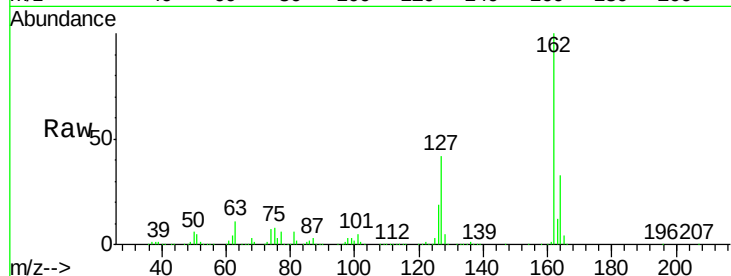




#47
 2-Chloronaphthalene
 Concen: 41.82 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

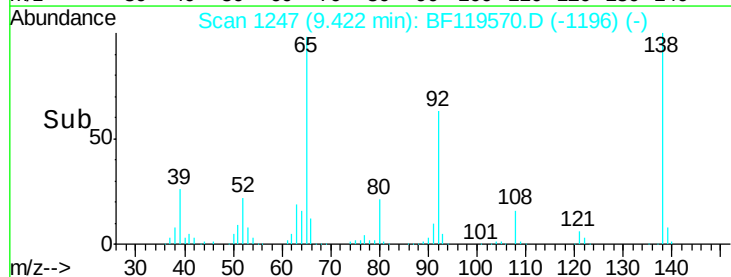
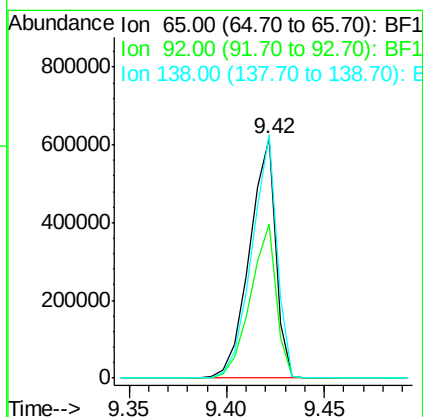
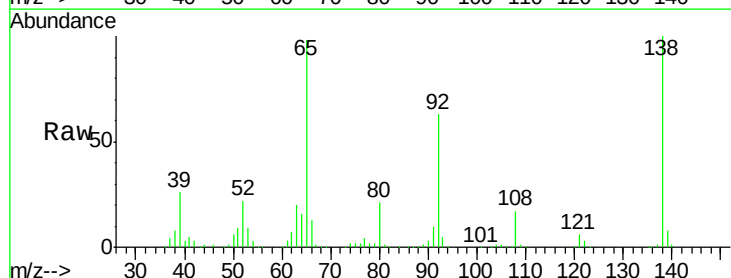
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

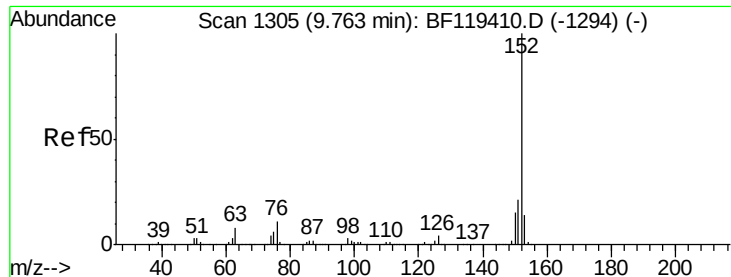
Tgt Ion: 162 Resp: 1545072
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.7 50.5
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 44.95 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion: 65 Resp: 573200
 Ion Ratio Lower Upper
 65 100
 92 64.3 50.0 75.0
 138 101.6 75.0 112.4





#49

Acenaphthylene

Concen: 40.20 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

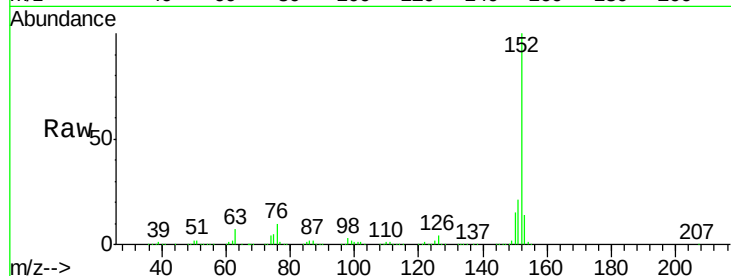
Tgt Ion:152 Resp: 2332566

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

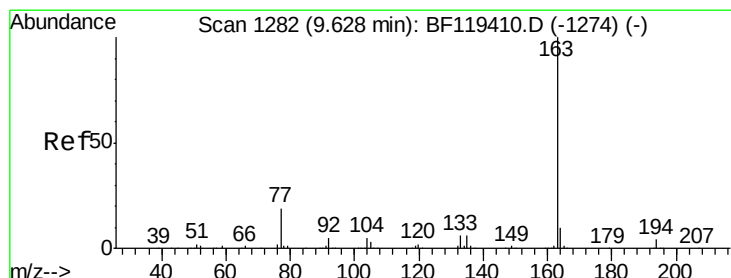
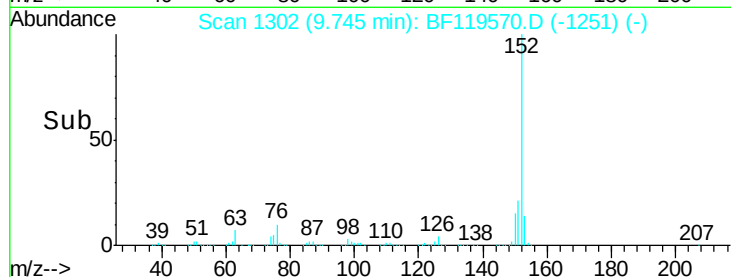
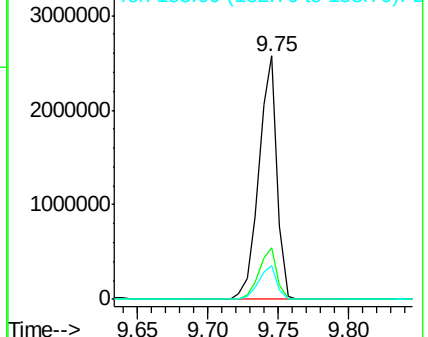
153 13.9 11.2 16.8



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: 43.44 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

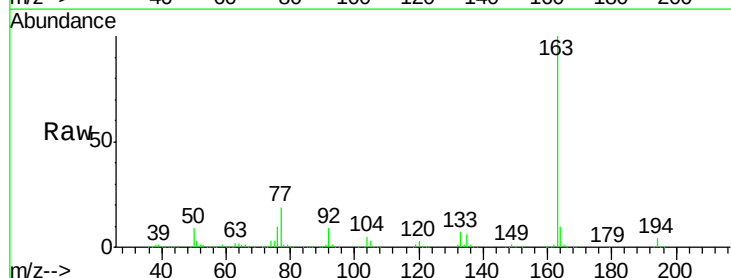
Tgt Ion:163 Resp: 1786765

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

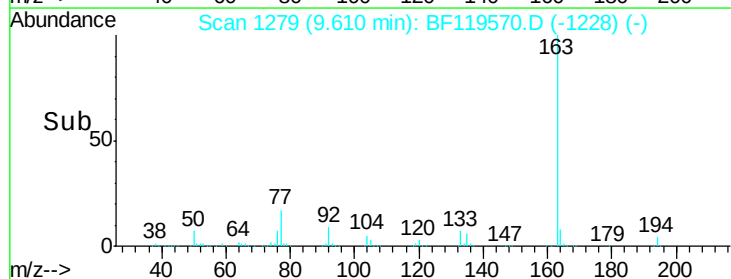
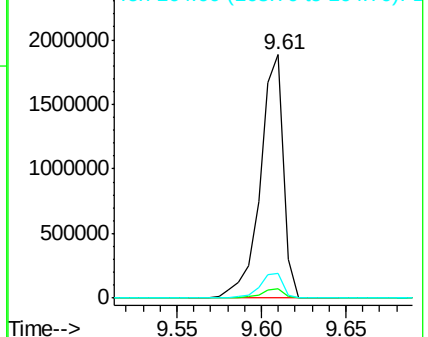
164 10.0 8.2 12.2

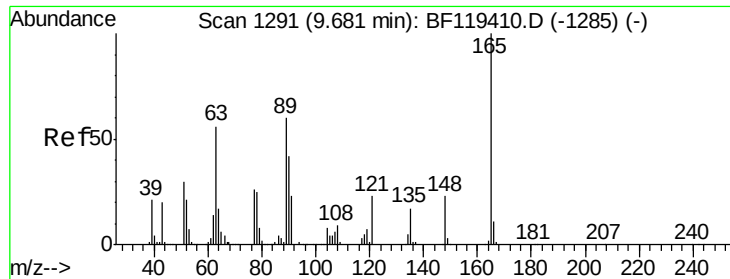


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

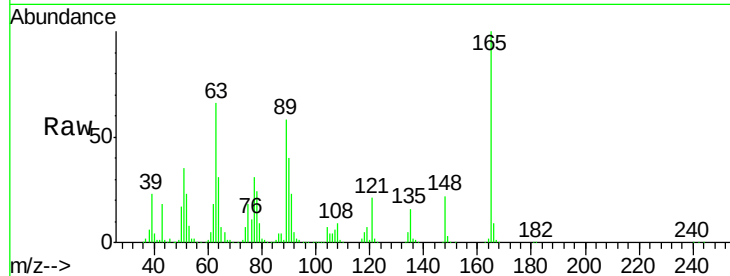




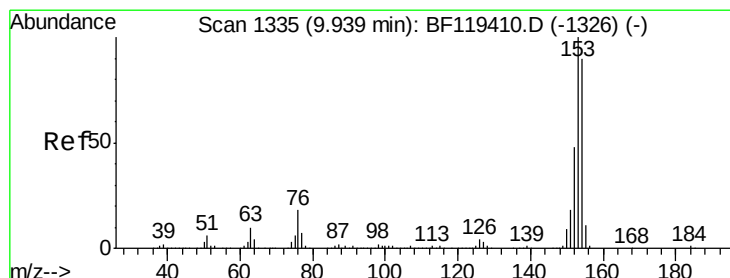
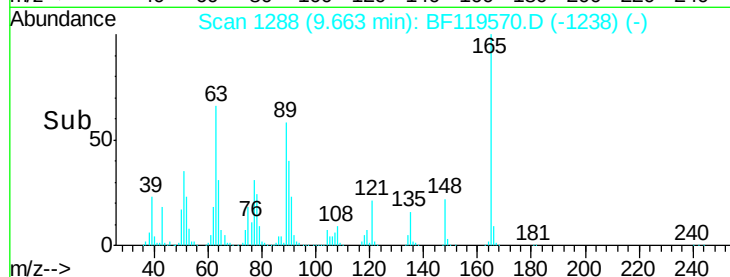
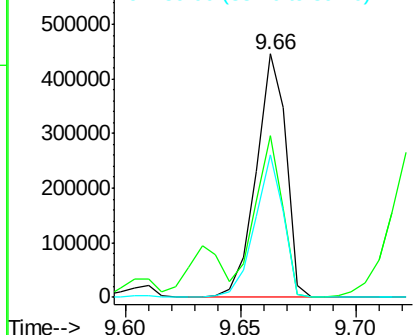
#51
 2,6-Dinitrotoluene
 Concen: 45.58 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 401882
 Ion Ratio Lower Upper
 165 100
 63 66.5 45.0 67.4
 89 58.3 41.5 62.3

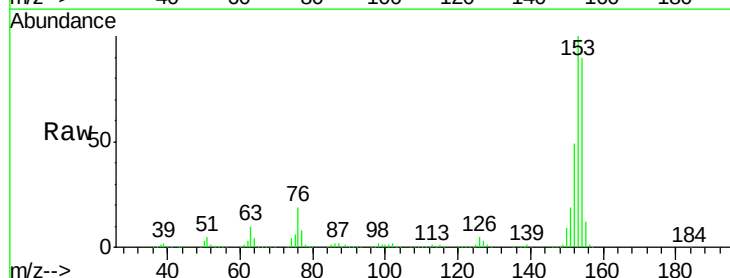


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

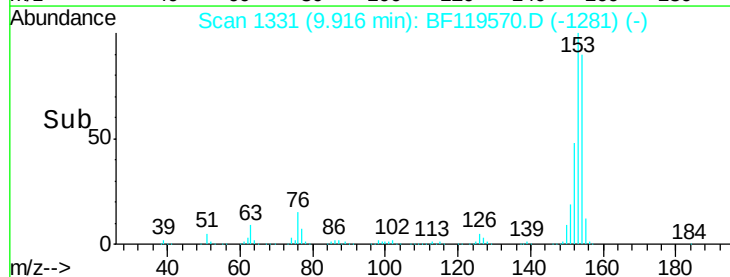
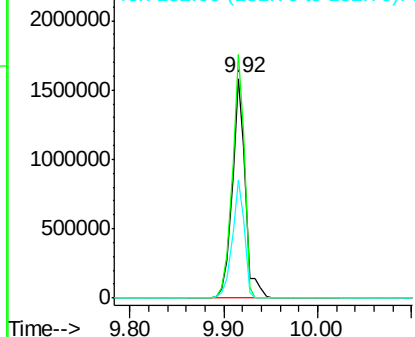


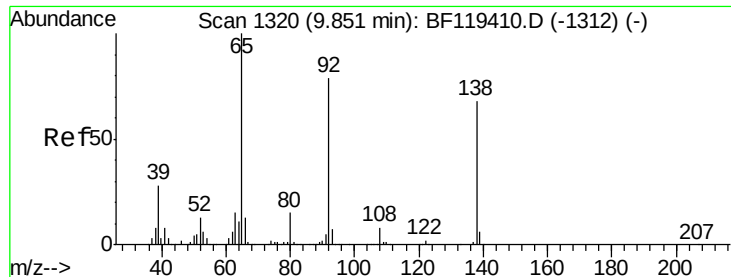
#52
 Acenaphthene
 Concen: 42.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion:154 Resp: 1519217
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.1 132.1
 152 53.8 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

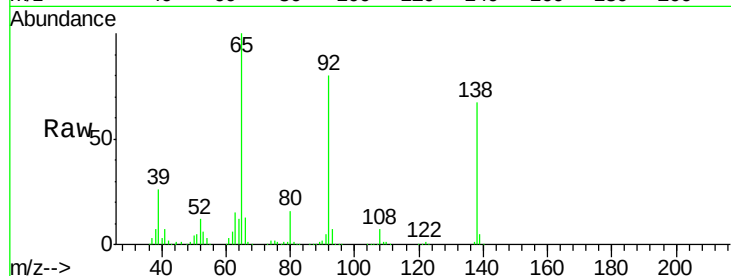




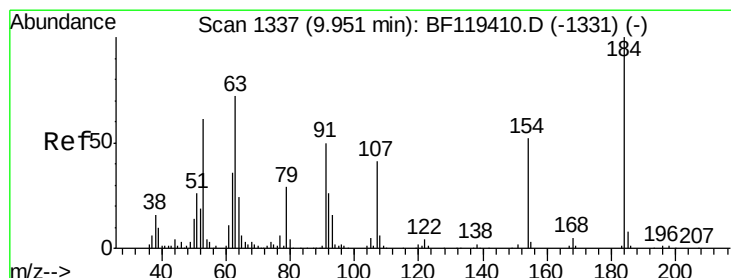
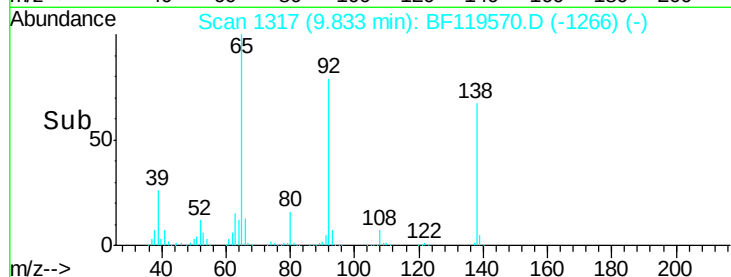
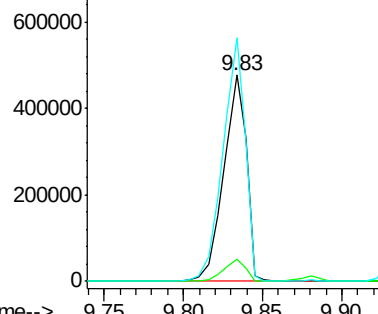
#53
3-Nitroaniline
Concen: 42.58 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 474002
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 118.2 95.4 143.0

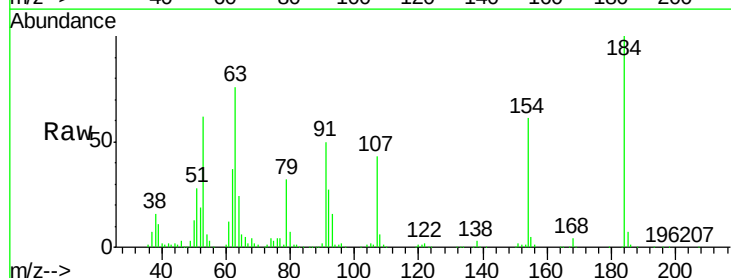


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

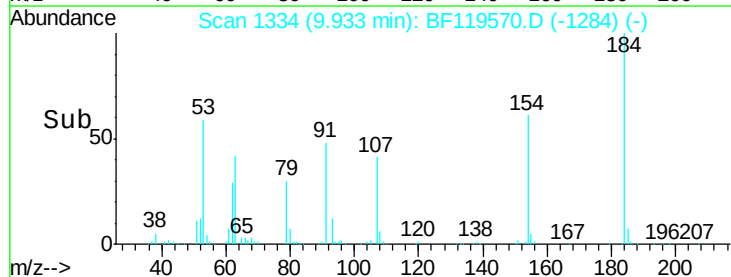
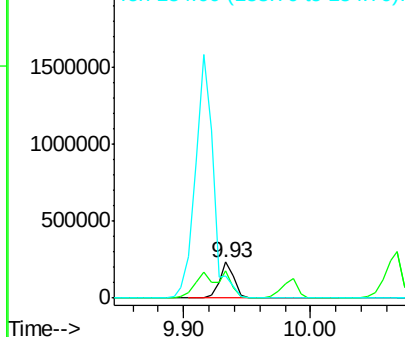


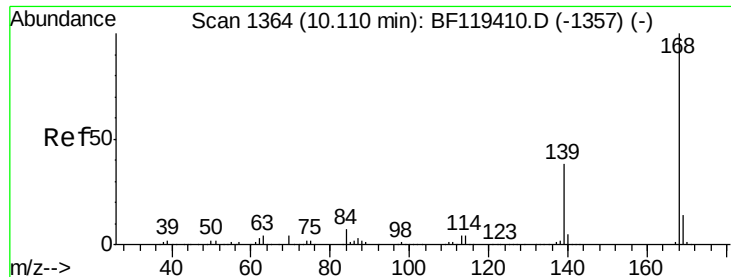
#54
2,4-Dinitrophenol
Concen: 52.44 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:184 Resp: 189572
Ion Ratio Lower Upper
184 100
63 76.0 50.2 75.4#
154 61.2 44.5 66.7



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

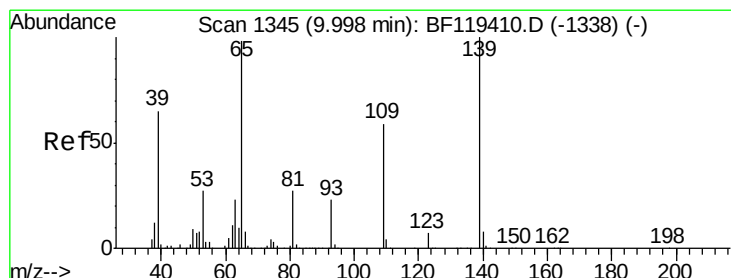
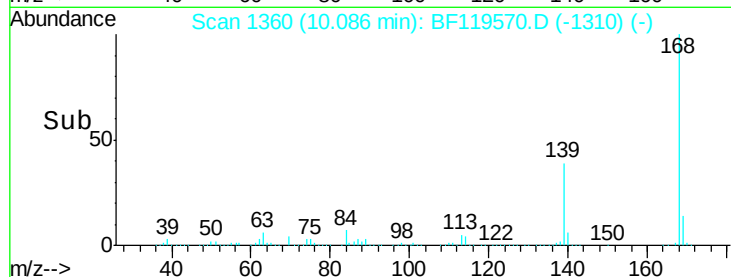
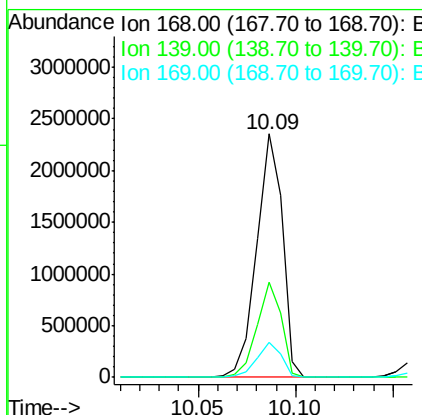
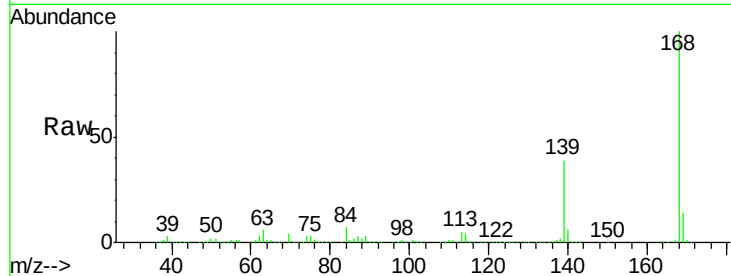




#55
Dibenzenofuran
Concen: 41.39 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

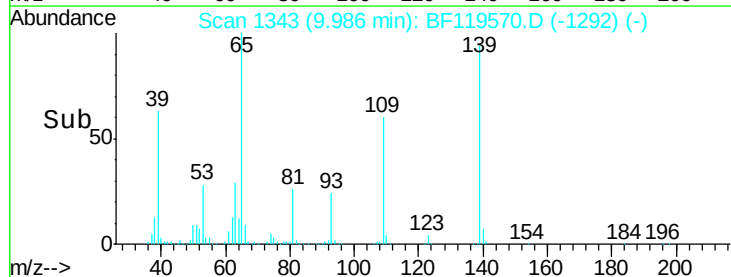
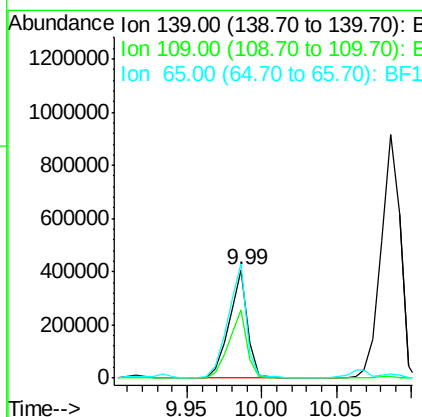
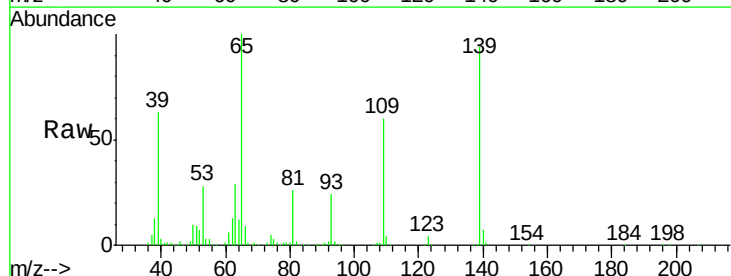
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

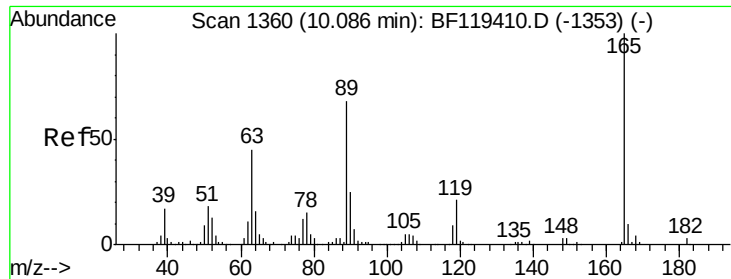
Tgt Ion:168 Resp: 2146375
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 40.94 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:139 Resp: 359493
Ion Ratio Lower Upper
139 100
109 63.4 43.3 83.3
65 106.4 91.0 131.0

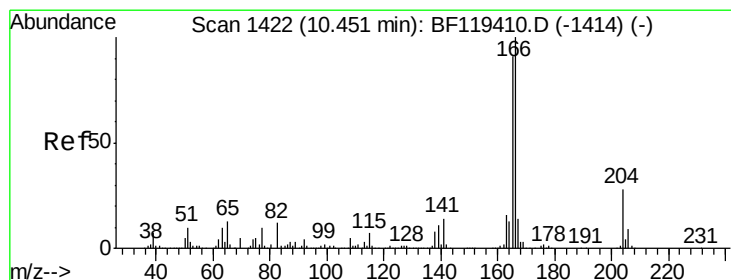
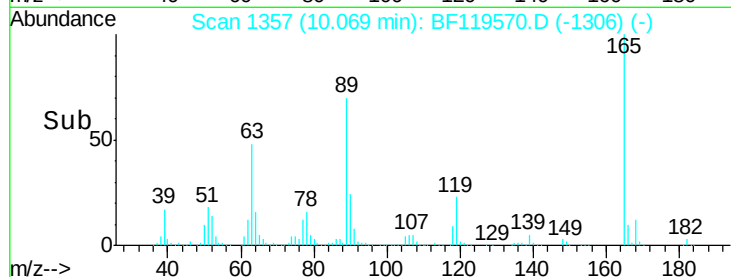
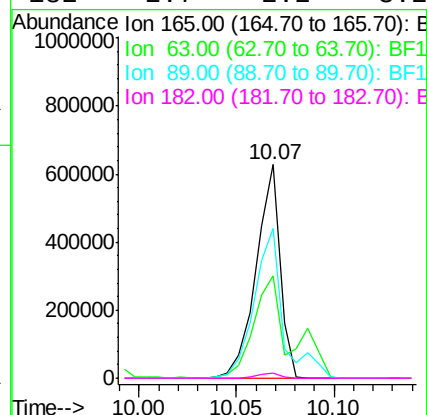
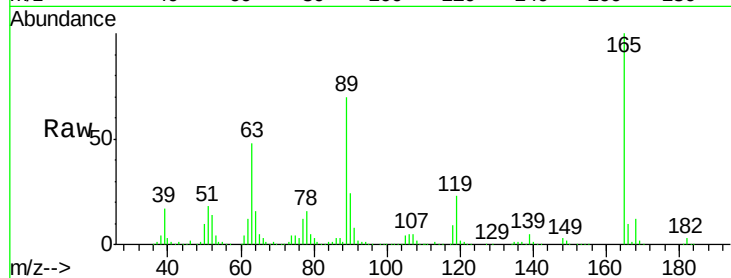




#57
2,4-Dinitrotoluene
Concen: 48.33 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

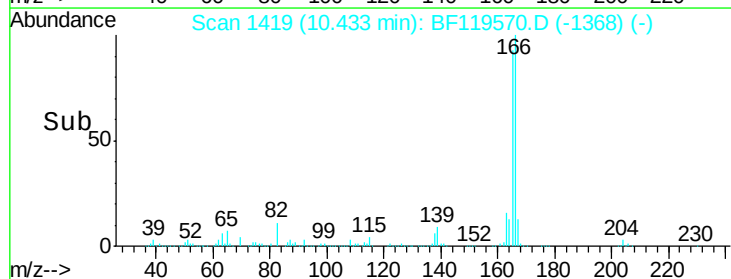
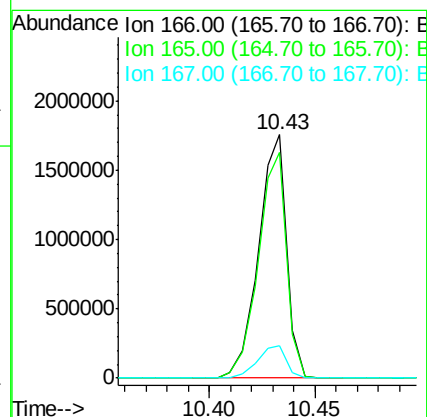
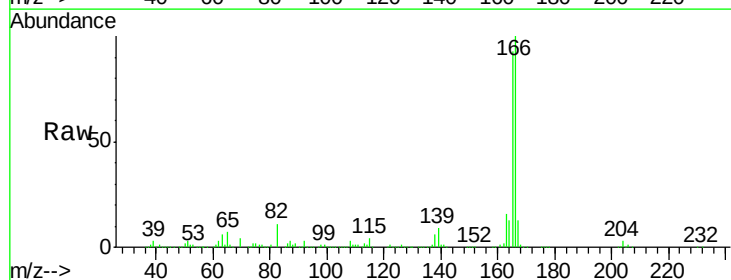
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

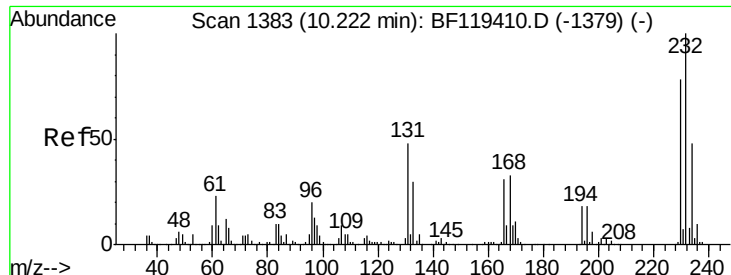
Tgt Ion:	165	Resp:	536880
Ion	Ratio	Lower	Upper
165	100		
63	47.7	42.6	64.0
89	70.0	61.0	91.4
182	2.7	2.2	3.2



#58
Fluorene
Concen: 42.25 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:	166	Resp:	1620206
Ion	Ratio	Lower	Upper
166	100		
165	92.9	75.4	113.2
167	13.5	11.2	16.8

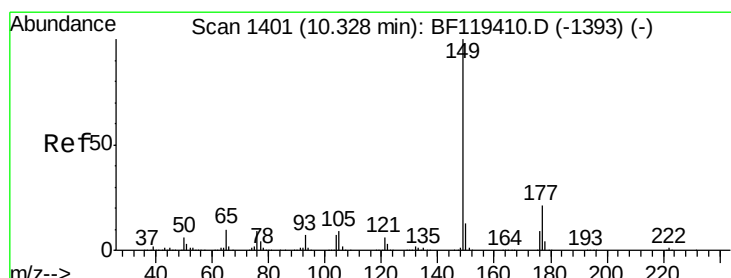
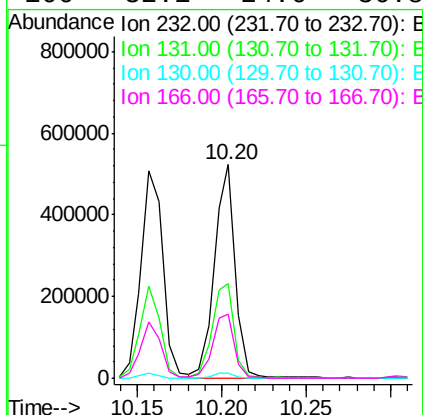
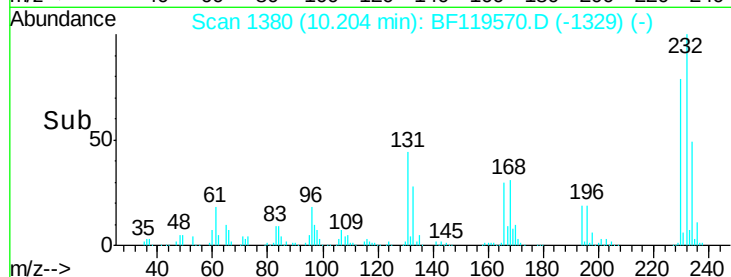
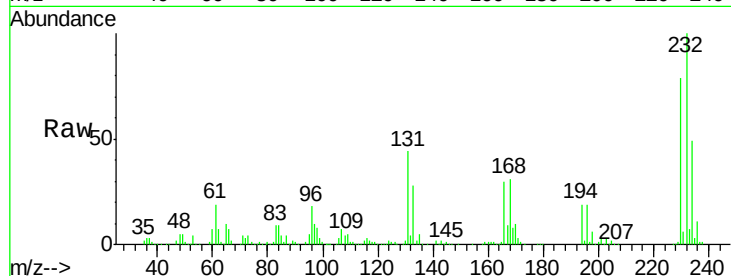




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.25 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

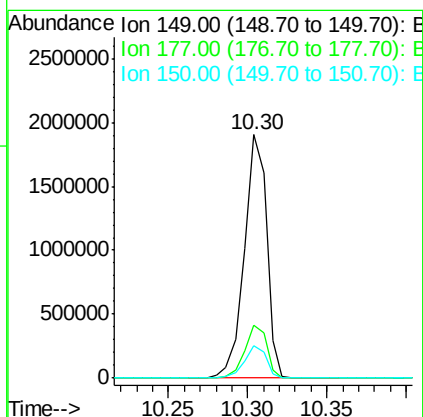
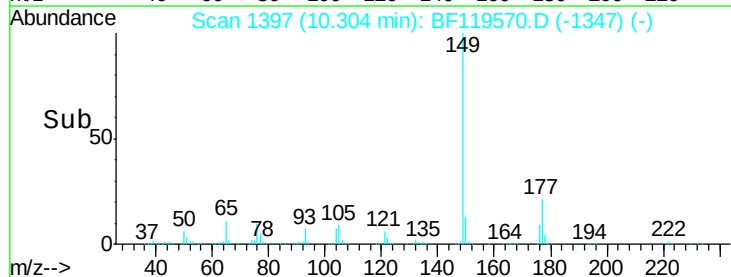
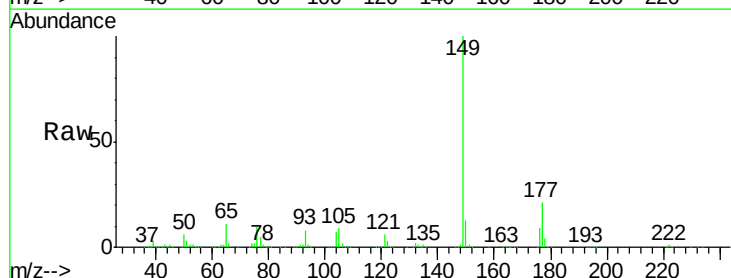
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

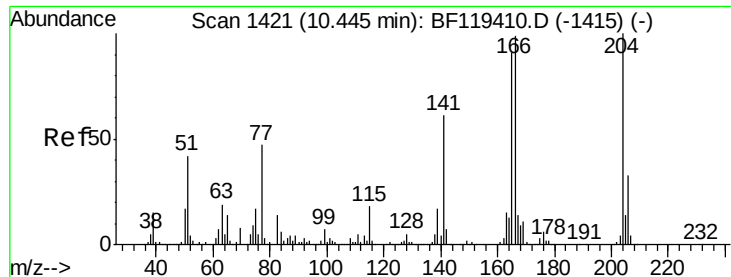
Tgt Ion: 232 Resp: 450109
Ion Ratio Lower Upper
232 100
131 47.2 37.5 56.3
130 2.3 1.8 2.6
166 32.1 24.6 36.8



#60
Diethylphthalate
Concen: 44.50 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion: 149 Resp: 1857823
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 13.1 10.1 15.1

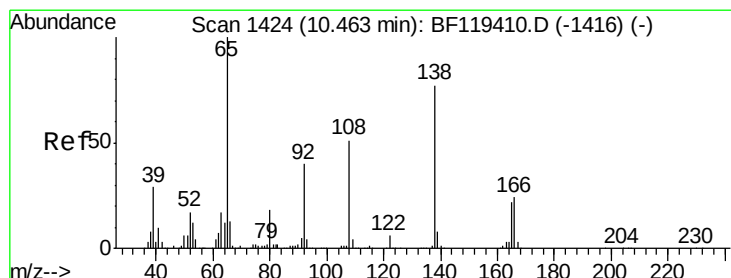
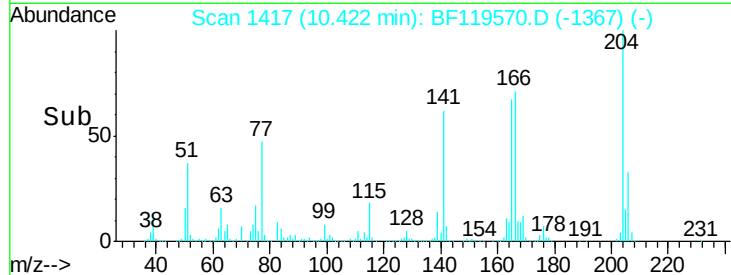
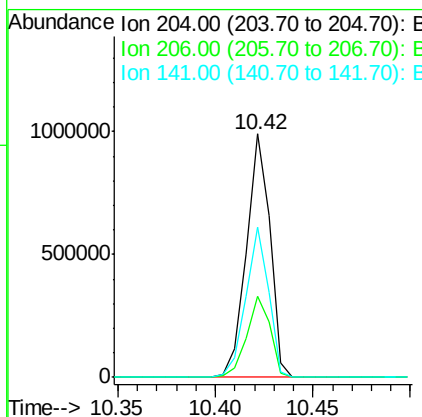
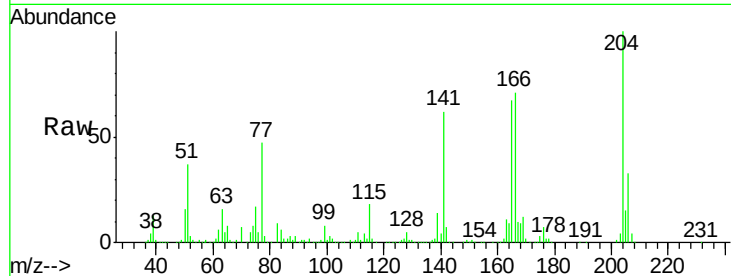




#61
 4-Chlorophenyl-phenylether
 Concen: 44.05 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

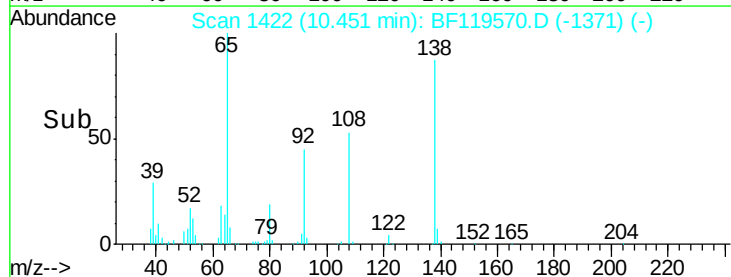
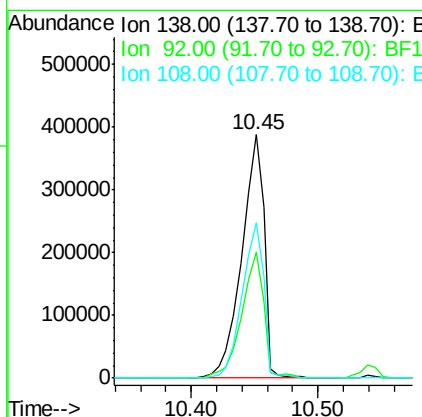
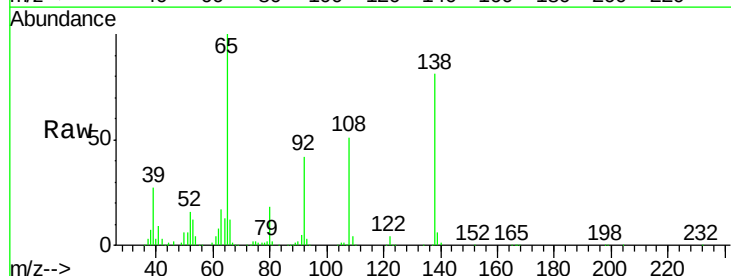
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

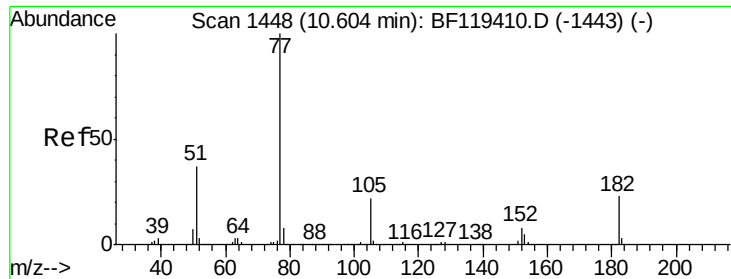
Tgt Ion:	204	Resp:	826155
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	61.8	47.3	70.9



#62
 4-Nitroaniline
 Concen: 44.38 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion:	138	Resp:	473748
Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.5	71.5
108	63.6	45.8	85.8





#63

Azobenzene

Concen: 41.52 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1745774

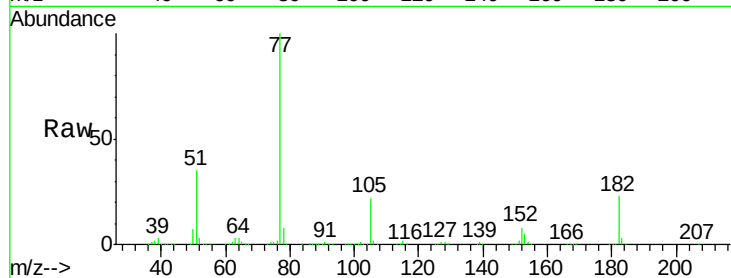
Ion Ratio Lower Upper

77 100

182 22.7 4.4 44.4

105 22.2 2.6 42.6

51 35.4 15.1 55.1

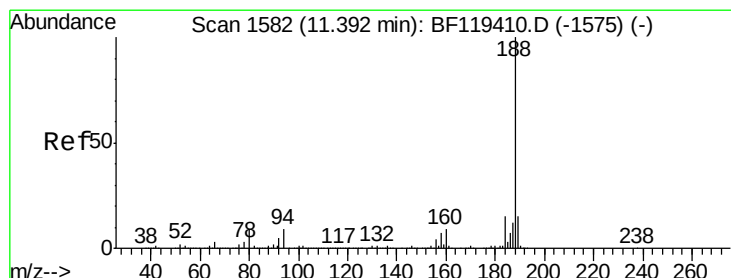
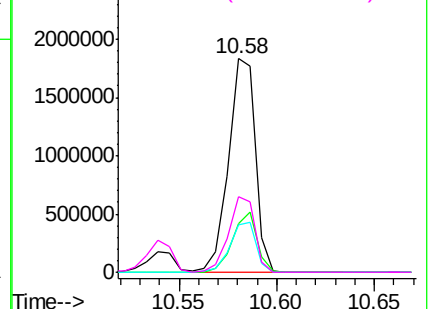
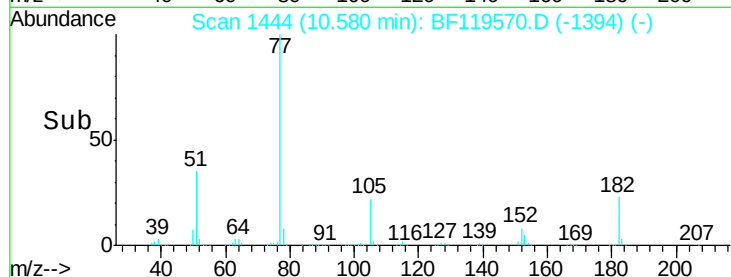


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

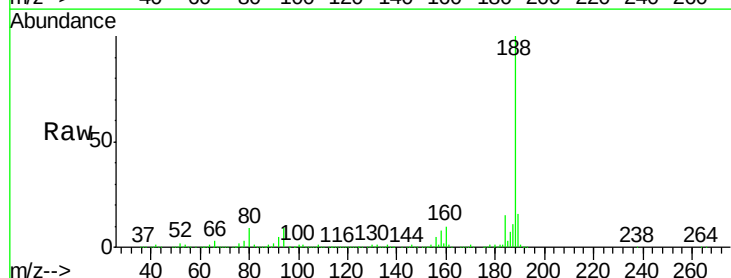
Tgt Ion: 188 Resp: 1111094

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

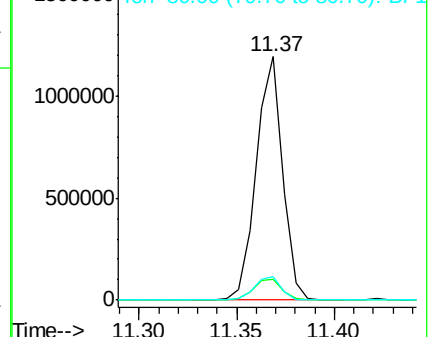
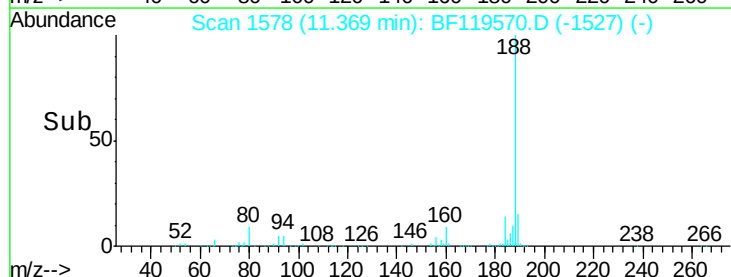
80 9.4 9.0 13.4

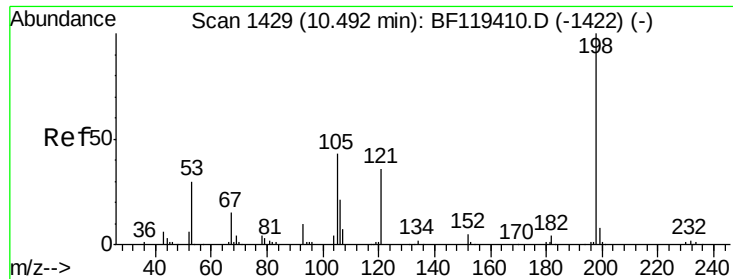


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 58.01 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

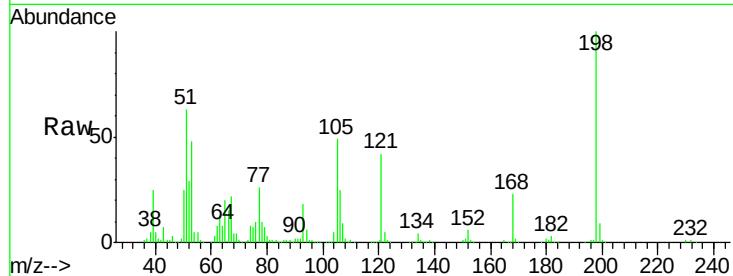
Tgt Ion:198 Resp: 270283

Ion Ratio Lower Upper

198 100

51 63.0 29.0 69.0

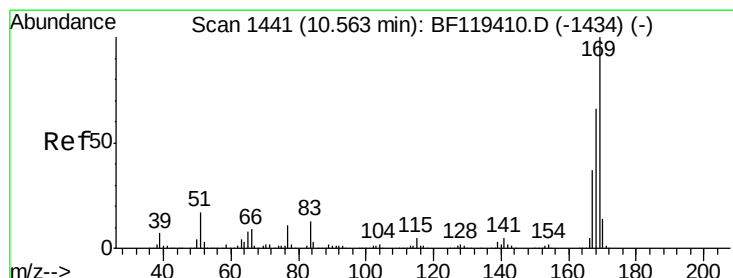
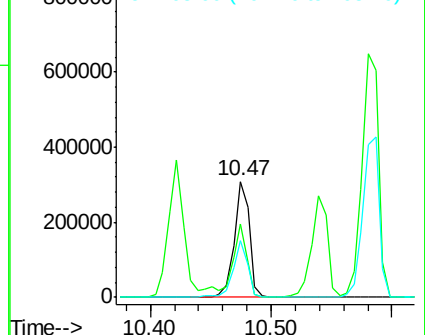
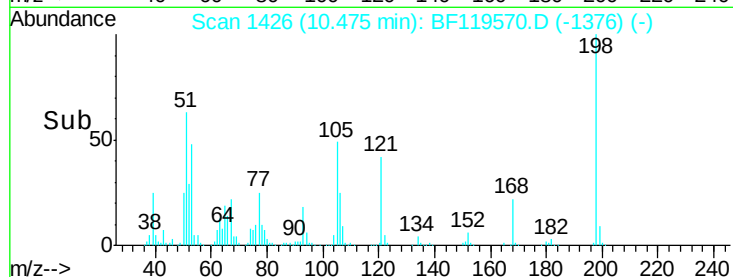
105 49.1 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.50 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

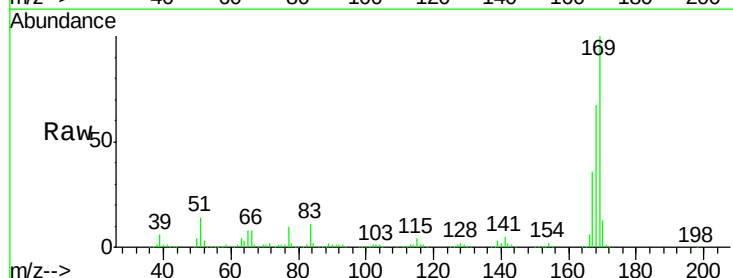
Tgt Ion:169 Resp: 1513784

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

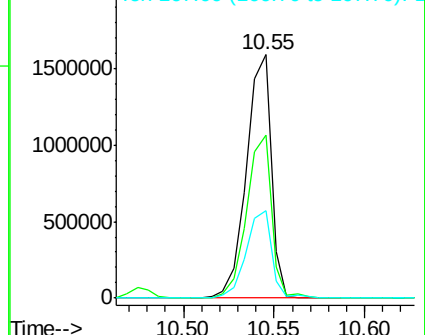
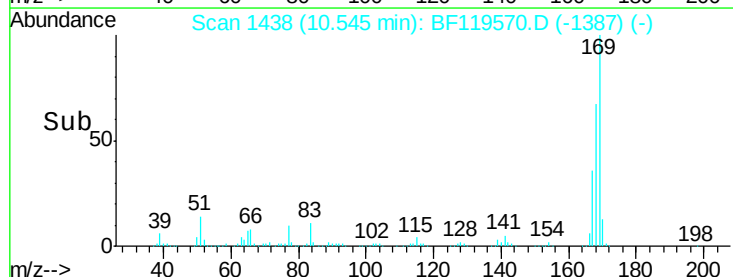
167 36.2 29.1 43.7

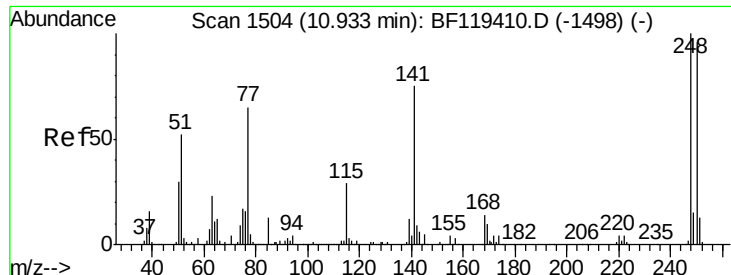


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

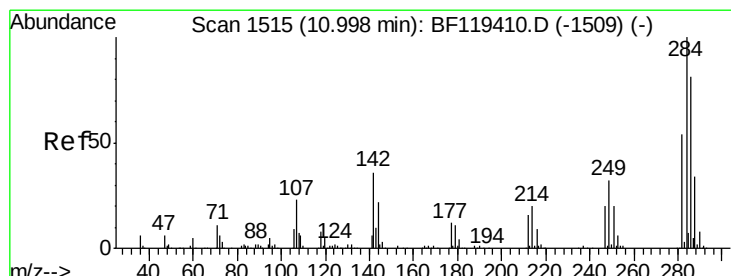
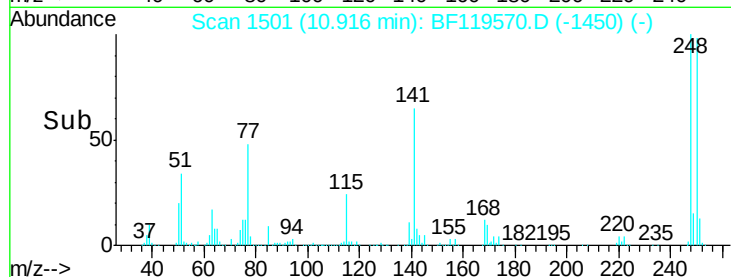
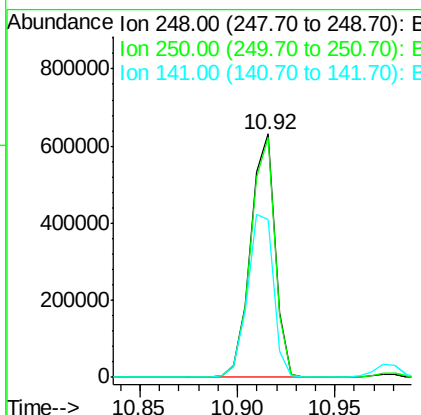
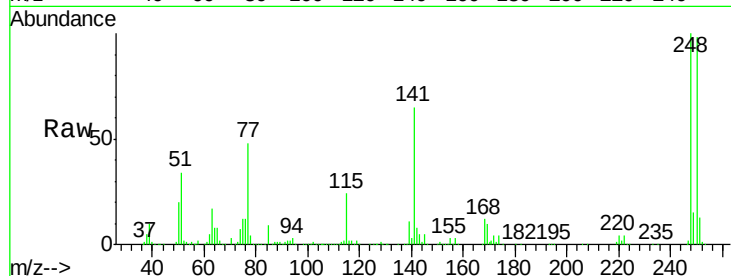




#67
 4-Bromophenyl-phenylether
 Concen: 43.59 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

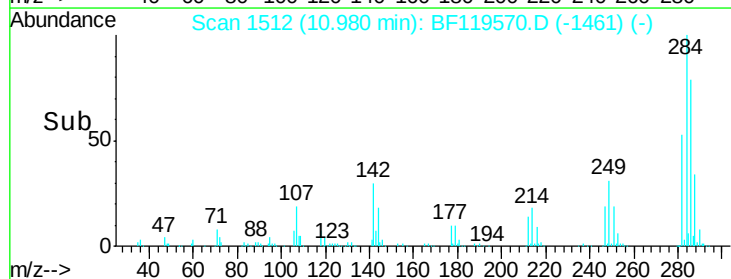
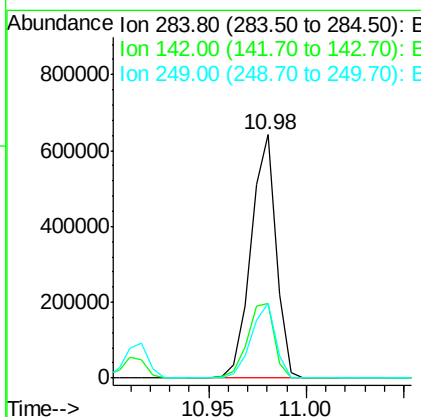
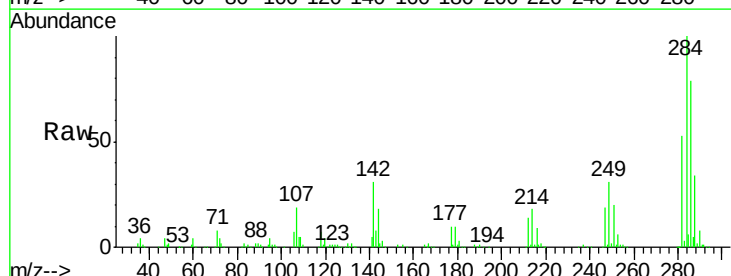
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

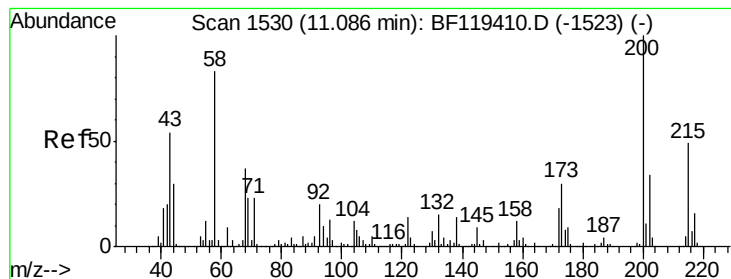
Tgt Ion:	248	Resp:	551537
Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.3	115.9
141	64.6	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 44.25 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119570.D
 Acq: 27 Mar 2020 16:38

Tgt Ion:	284	Resp:	573103
Ion	Ratio	Lower	Upper
284	100		
142	30.5	29.2	43.8
249	30.9	25.1	37.7





#69

Atrazine

Concen: 45.16 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

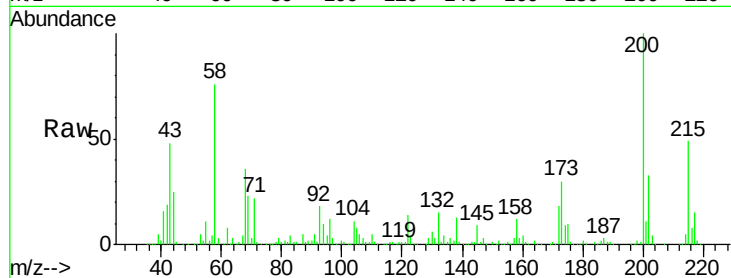
Tgt Ion:200 Resp: 451591

Ion Ratio Lower Upper

200 100

173 30.1 9.3 49.3

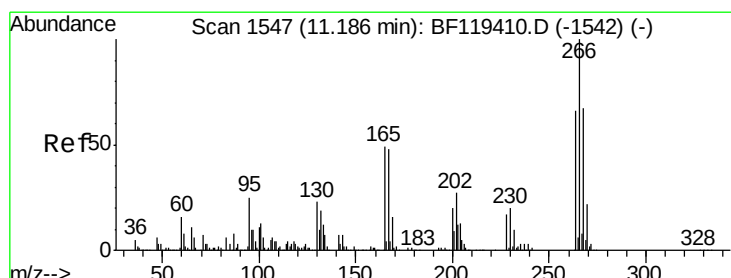
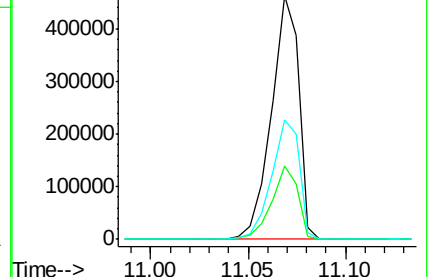
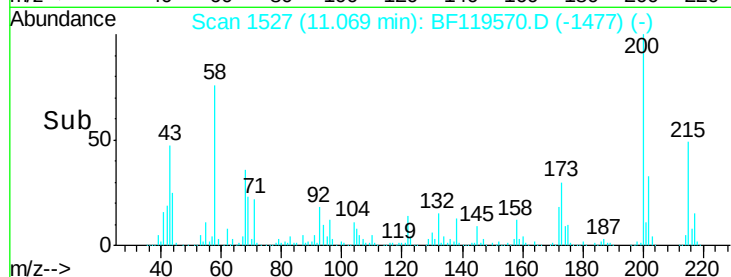
215 49.1 29.5 69.5



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: 45.17 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

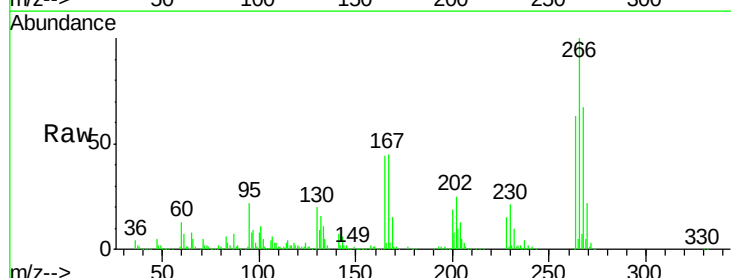
Tgt Ion:266 Resp: 342983

Ion Ratio Lower Upper

266 100

268 66.7 53.3 79.9

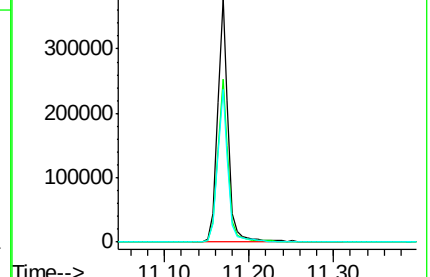
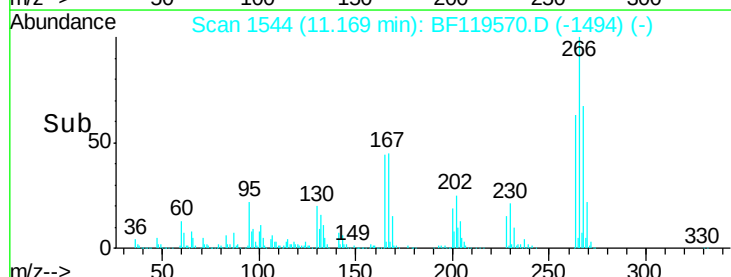
264 62.8 49.0 73.4

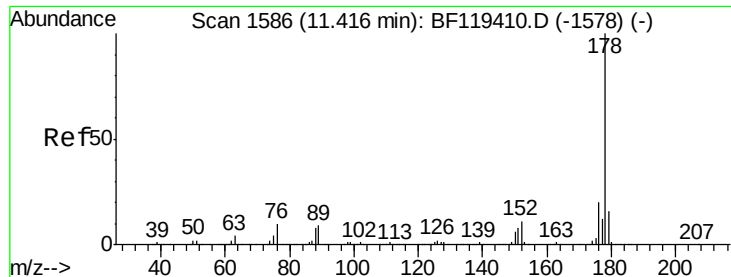


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

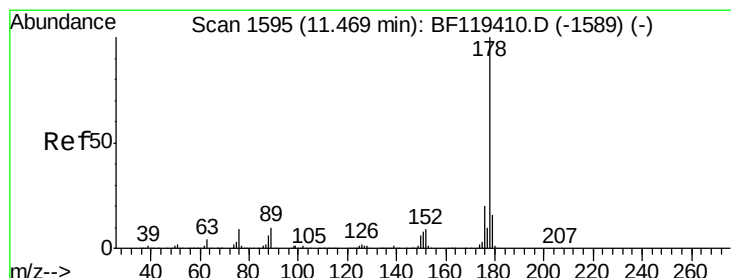
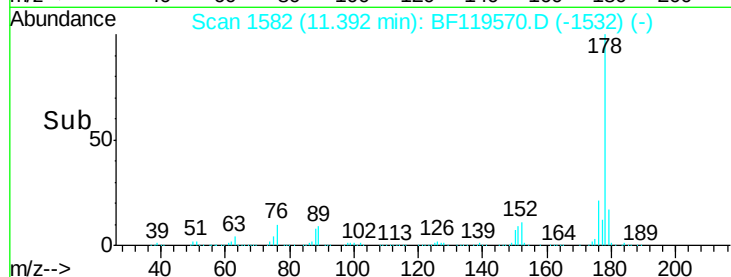
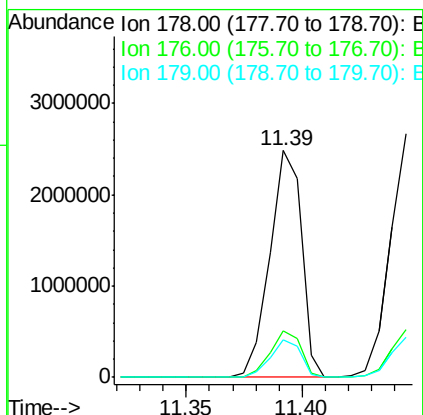
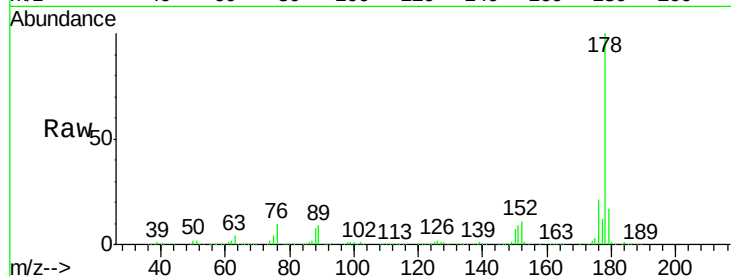




#71
Phenanthrene
Concen: 41.24 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

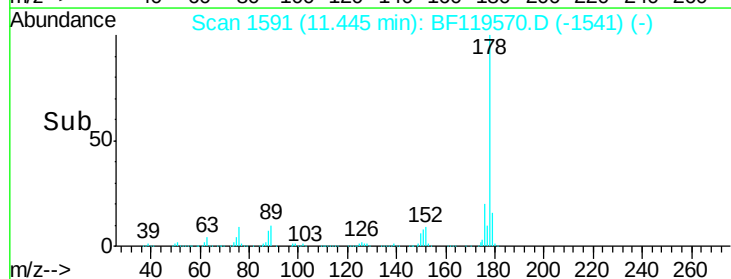
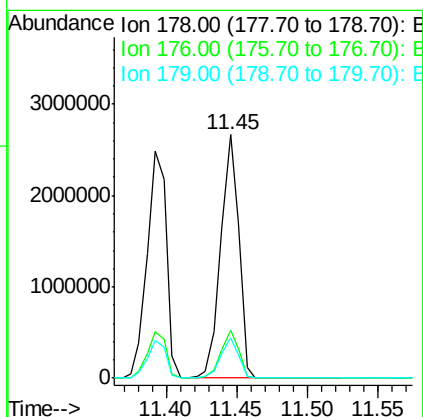
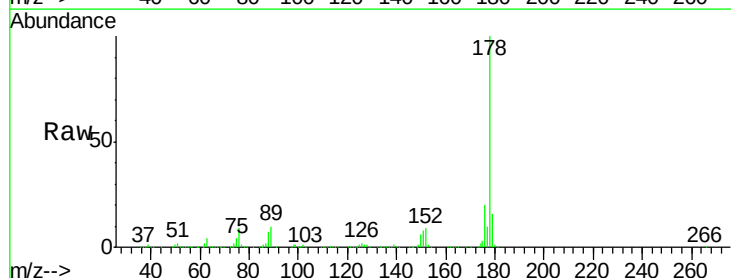
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

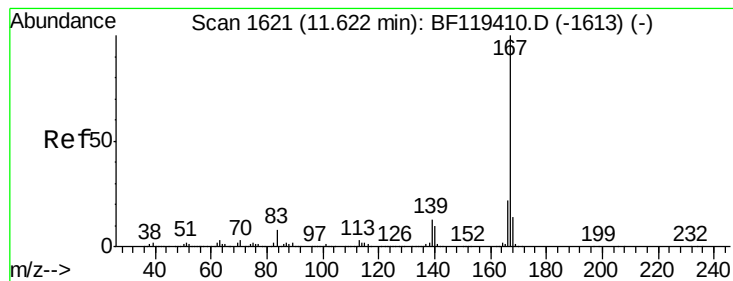
Tgt Ion:178 Resp: 2376174
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.6 13.2 19.8



#72
Anthracene
Concen: 40.70 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:178 Resp: 2383441
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.5 13.0 19.4





#73

Carbazole

Concen: 39.90 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

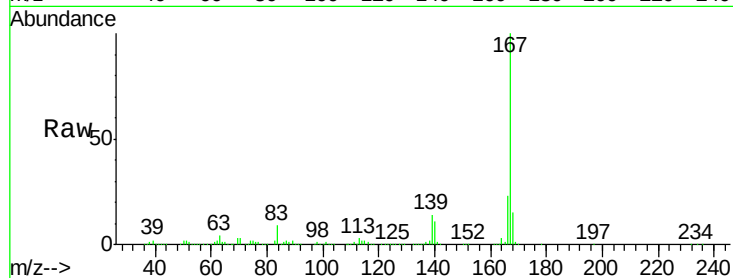
Tgt Ion:167 Resp: 2312587

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

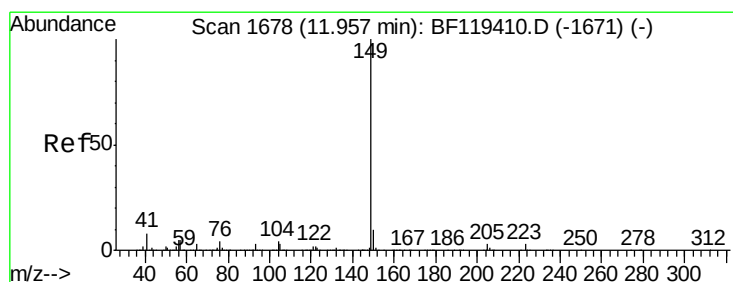
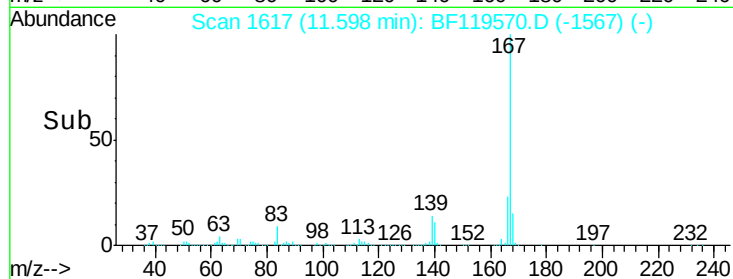
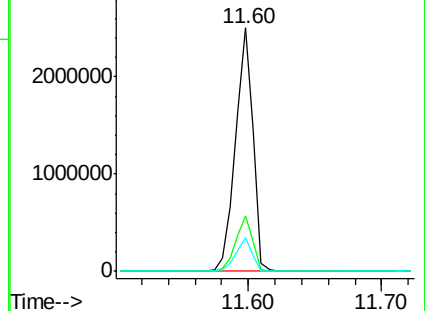
139 14.0 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.07 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

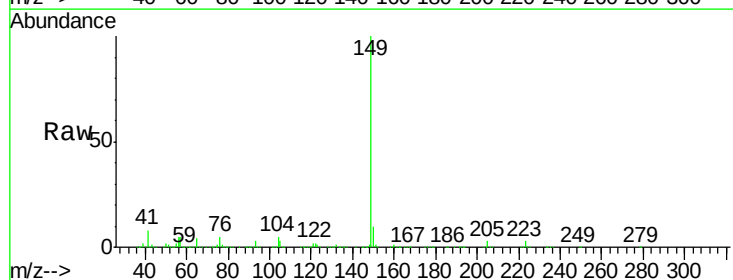
Tgt Ion:149 Resp: 2856297

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.8

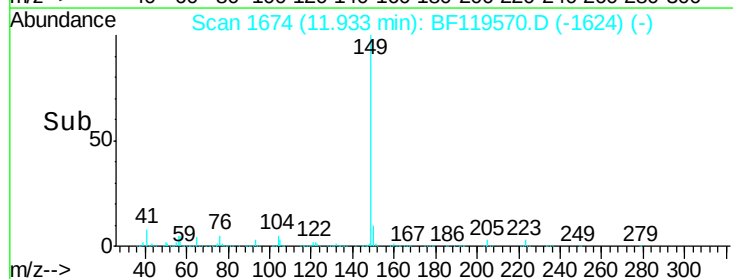
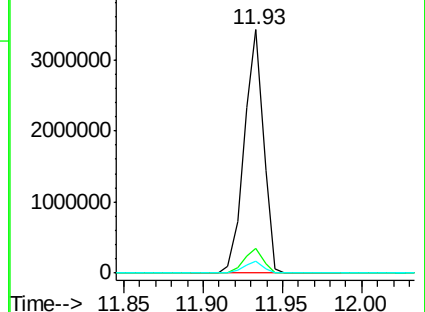
104 4.9 3.6 5.4

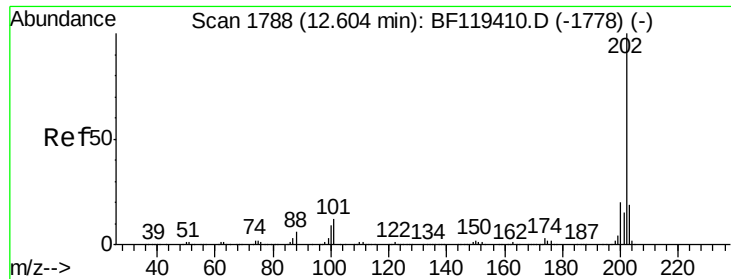


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.67 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

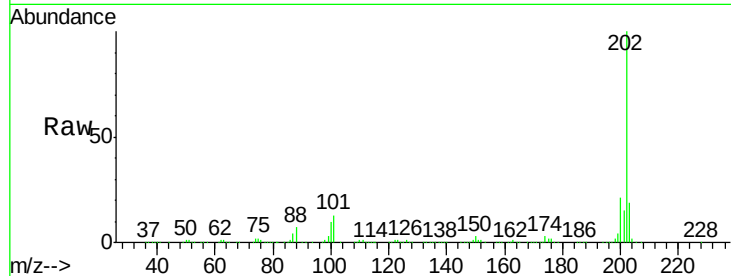
Tgt Ion:202 Resp: 2535528

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.2

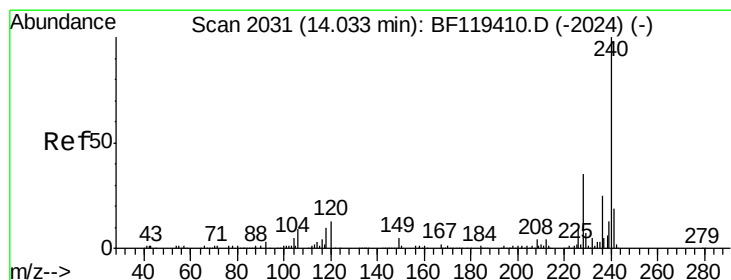
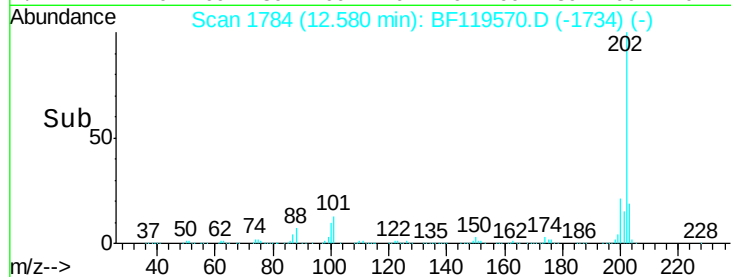
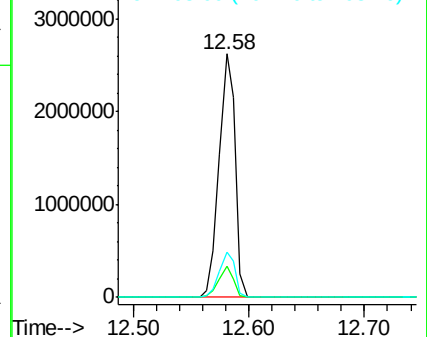
203 18.7 0.0 38.8



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

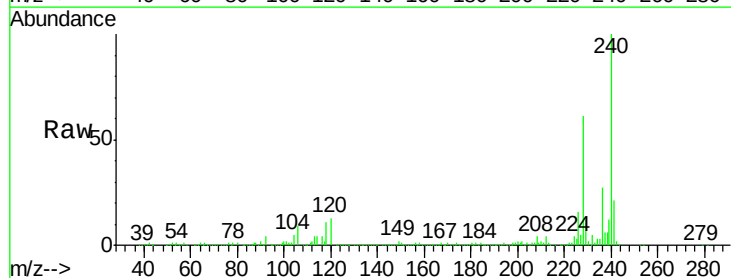
Tgt Ion:240 Resp: 752810

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

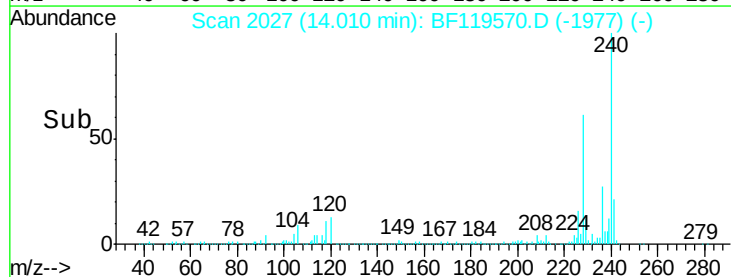
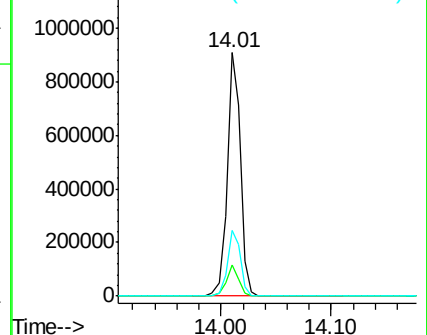
236 27.1 20.2 30.2

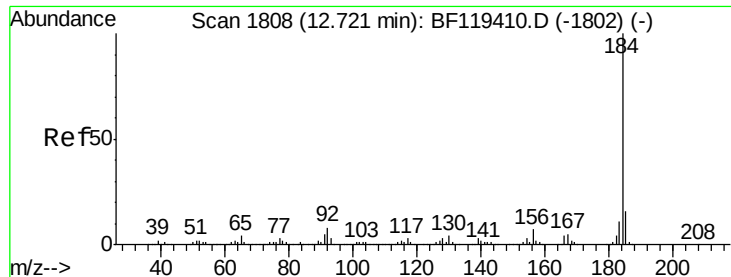


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.82 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

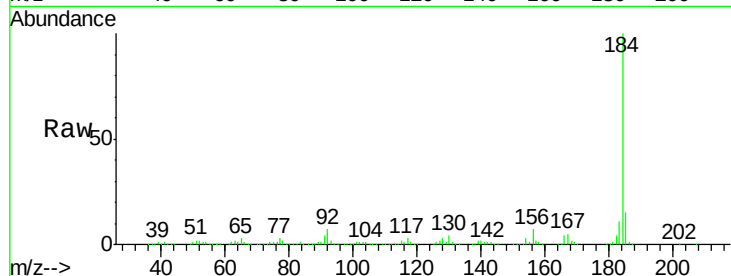
Tgt Ion:184 Resp: 1141201

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

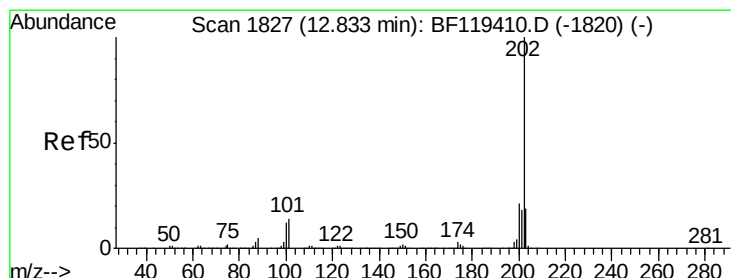
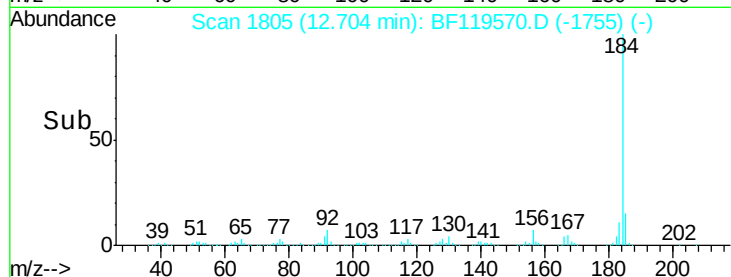
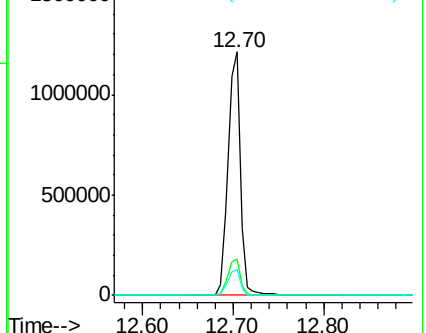
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.17 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

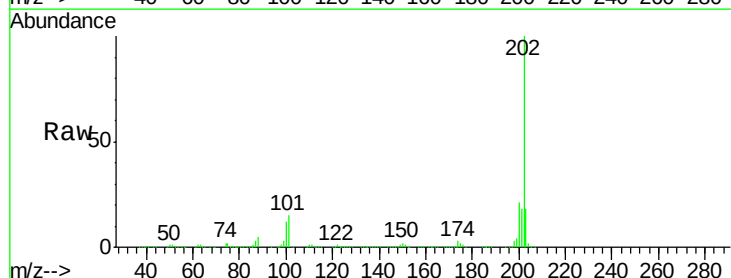
Tgt Ion:202 Resp: 2605209

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

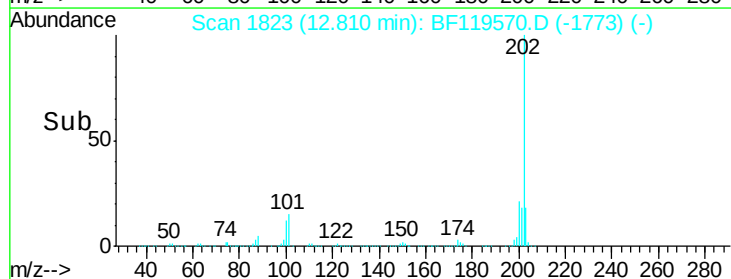
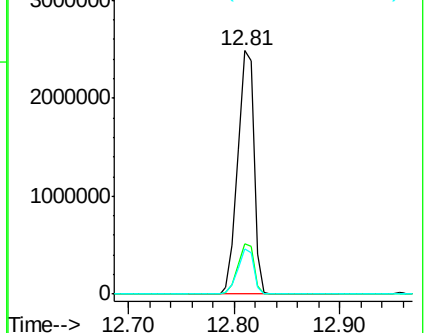
203 18.4 15.1 22.7

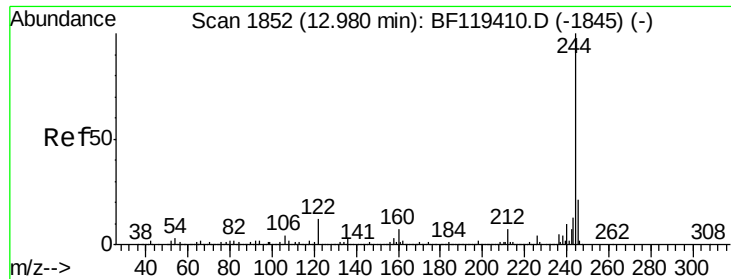


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.37 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

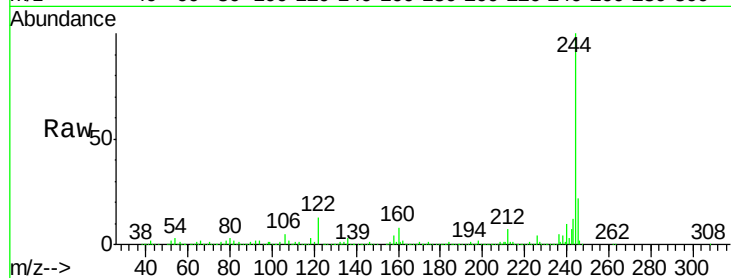
Tgt Ion:244 Resp: 3434013

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

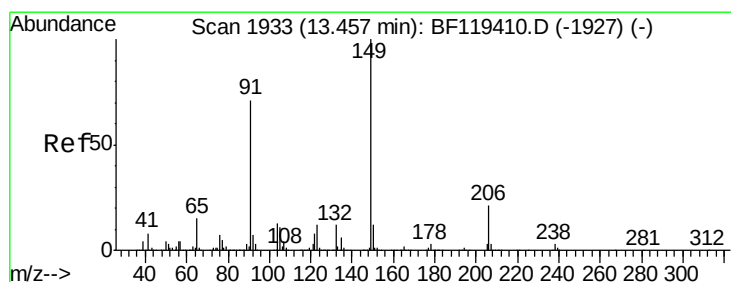
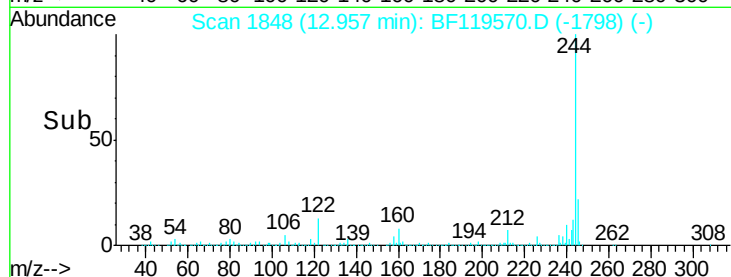
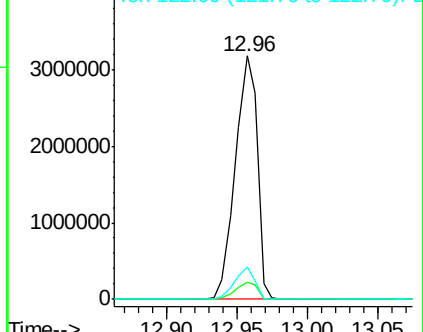
122 13.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.11 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

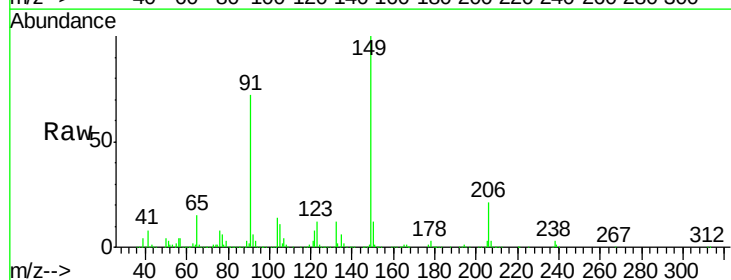
Tgt Ion:149 Resp: 1227048

Ion Ratio Lower Upper

149 100

91 72.4 54.7 82.1

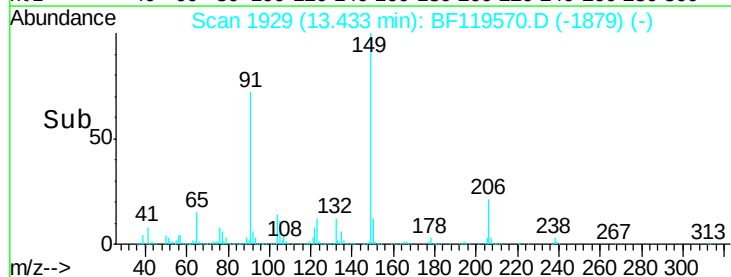
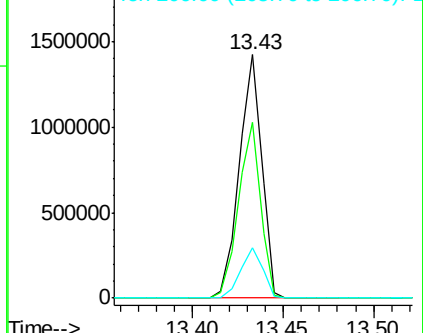
206 20.8 16.2 24.2

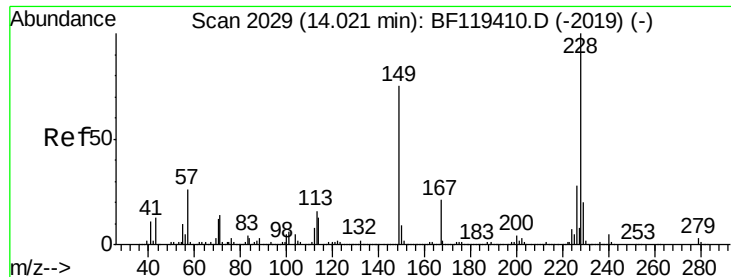


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

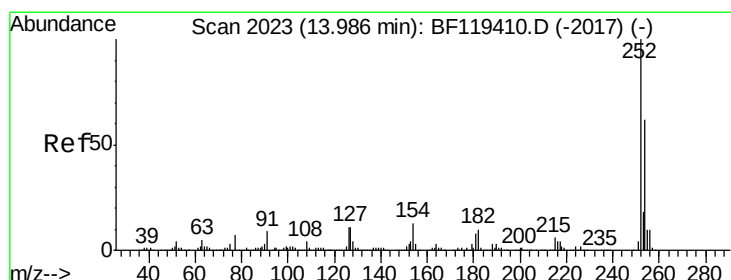
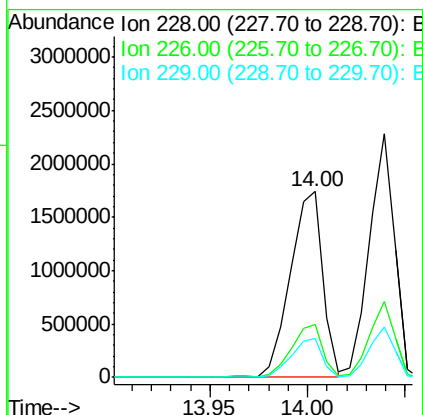
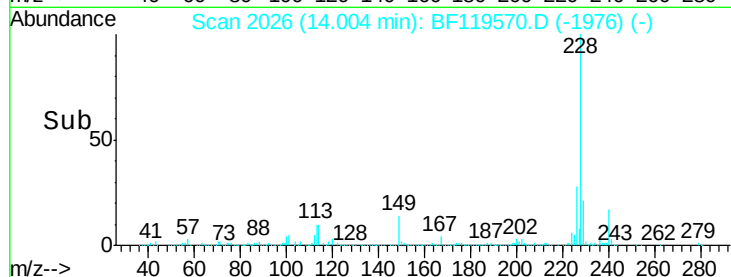
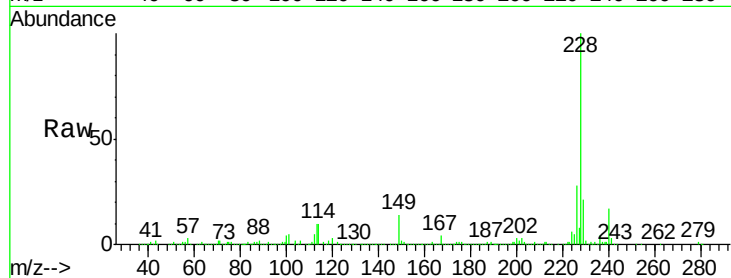




#81
Benzo(a)anthracene
Concen: 40.77 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

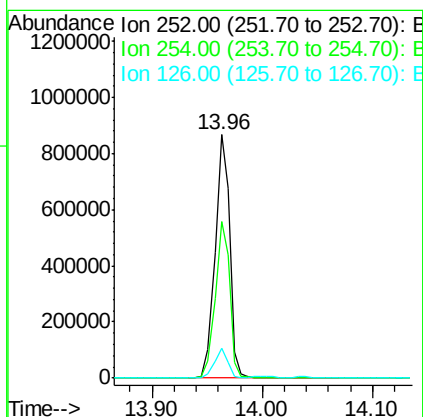
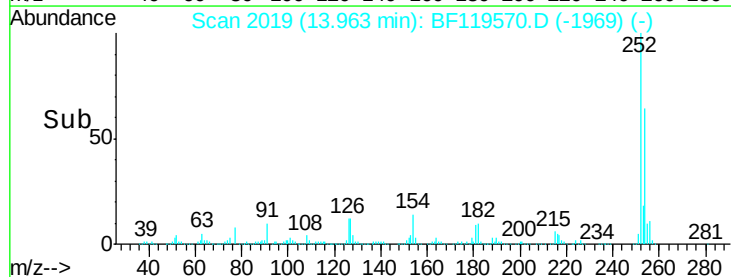
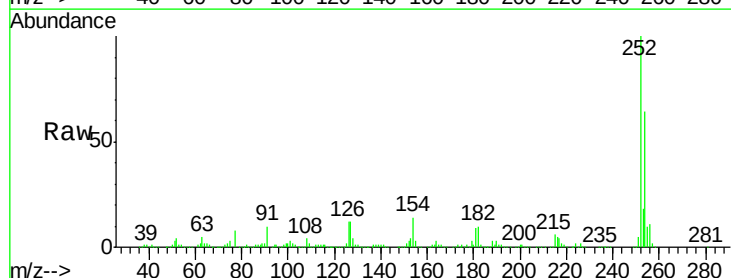
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

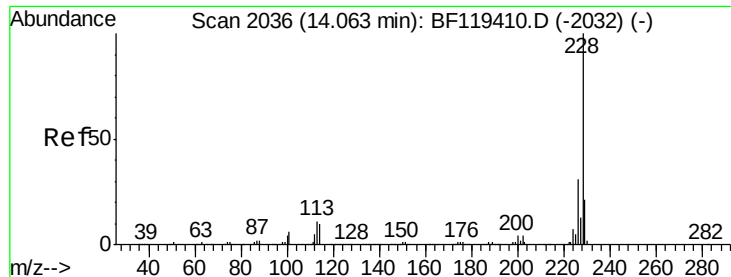
Tgt Ion:228 Resp: 1995754
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 20.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 40.80 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:252 Resp: 787583
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 12.4 9.6 14.4





#83

Chrysene

Concen: 40.68 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

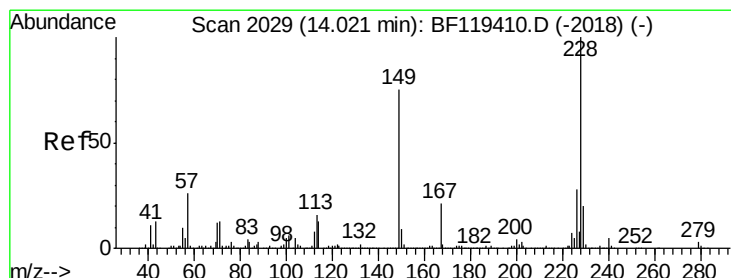
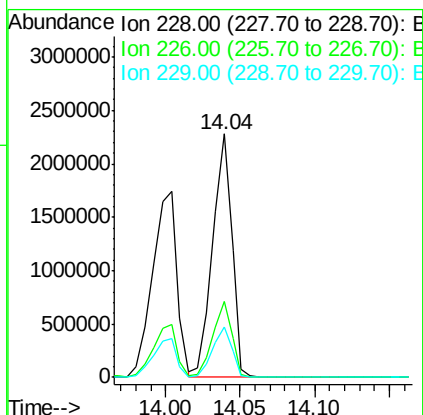
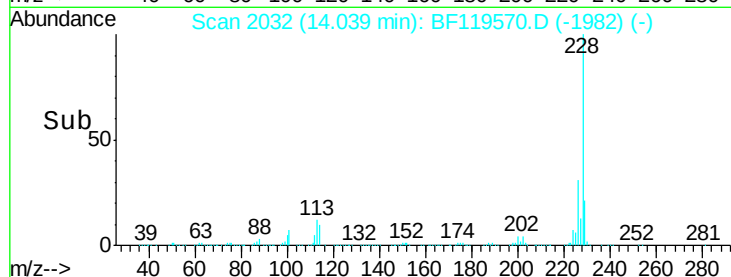
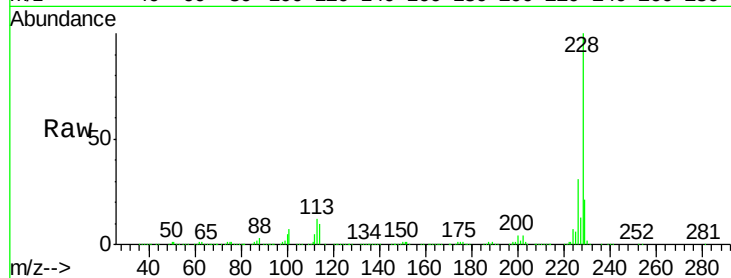
Tgt Ion:228 Resp: 2055222

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

229 20.6 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.40 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

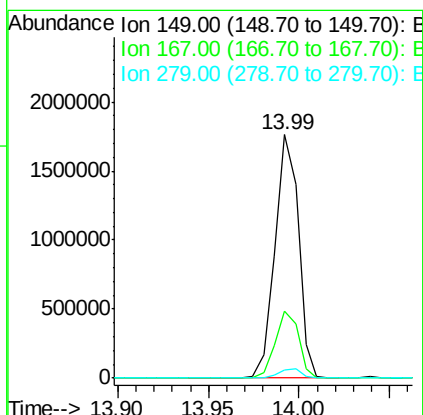
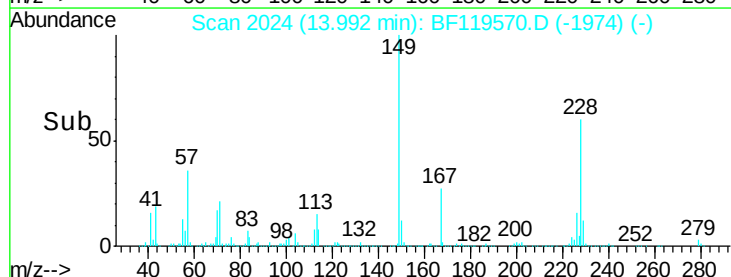
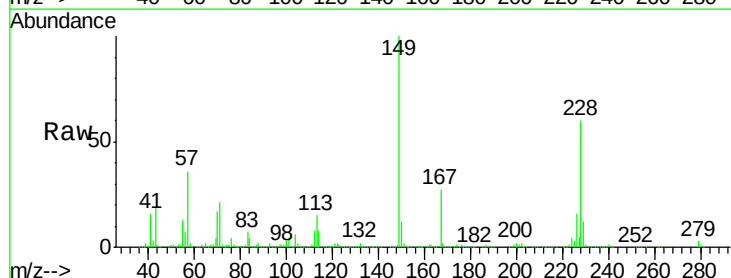
Tgt Ion:149 Resp: 1590671

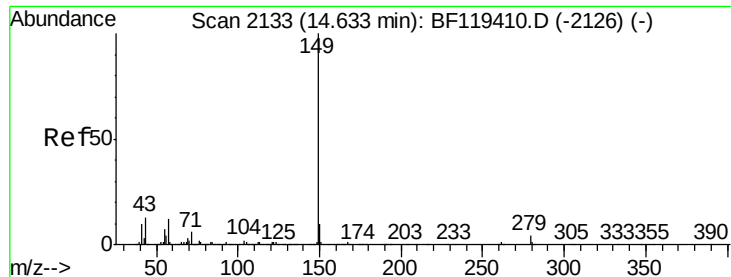
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 51.72 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

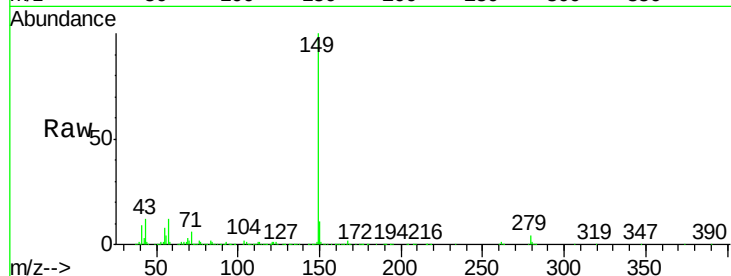
Tgt Ion:149 Resp: 2709431

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

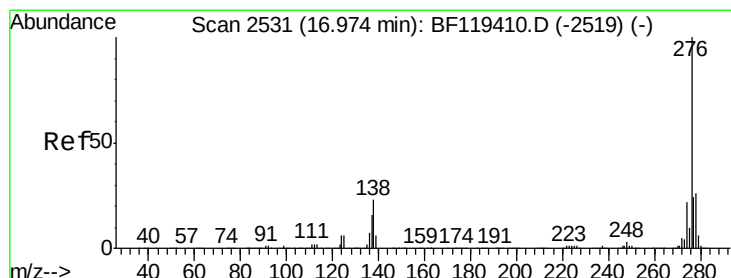
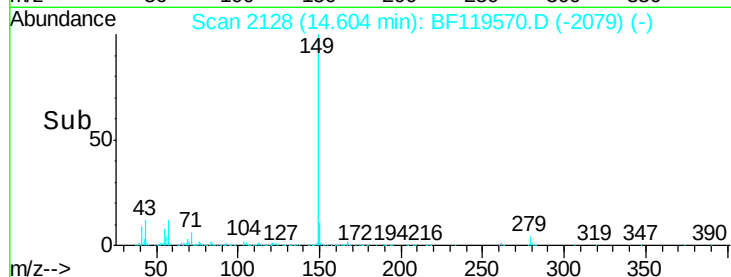
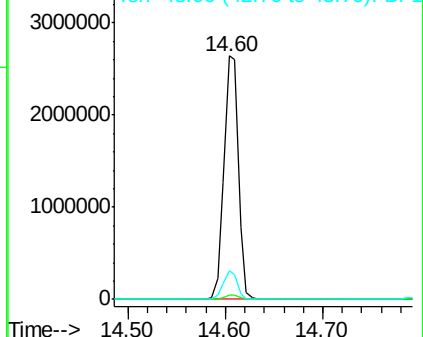
43 11.4 9.3 13.9



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: 37.33 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

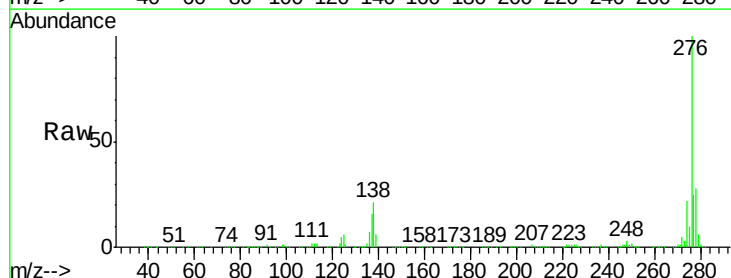
Tgt Ion:276 Resp: 1776467

Ion Ratio Lower Upper

276 100

138 24.2 19.6 29.4

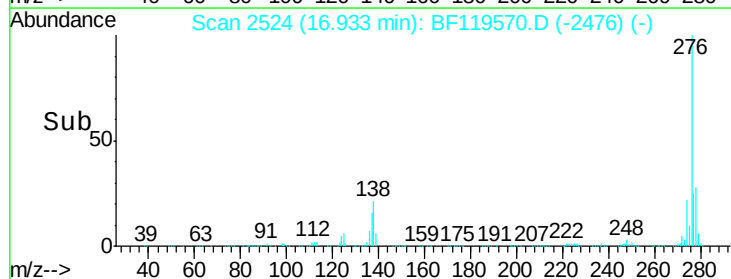
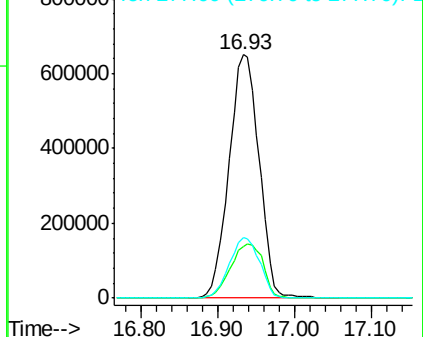
277 25.4 20.0 30.0

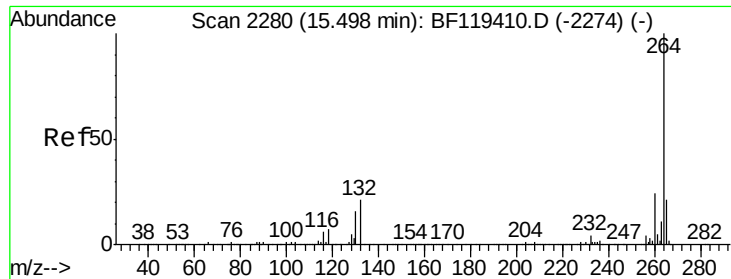


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

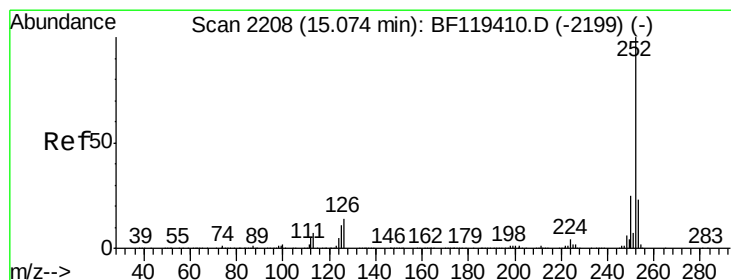
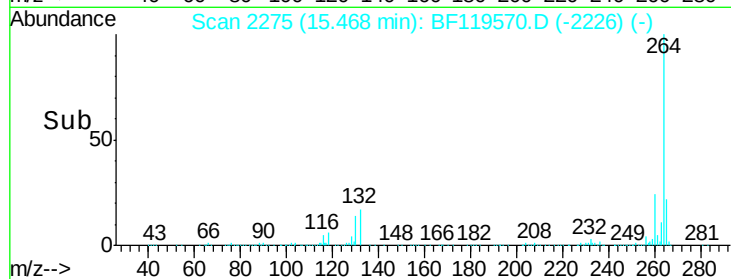
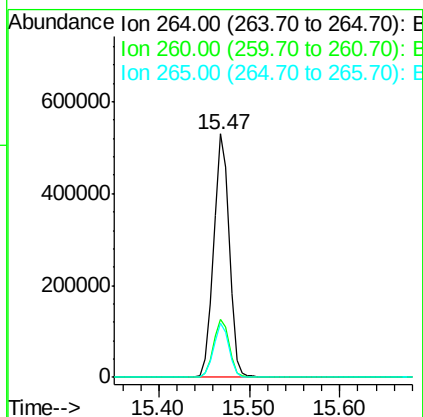
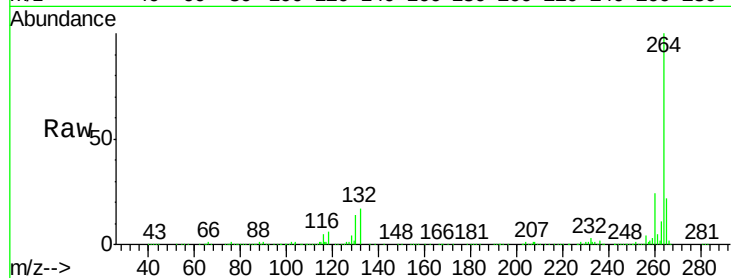




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

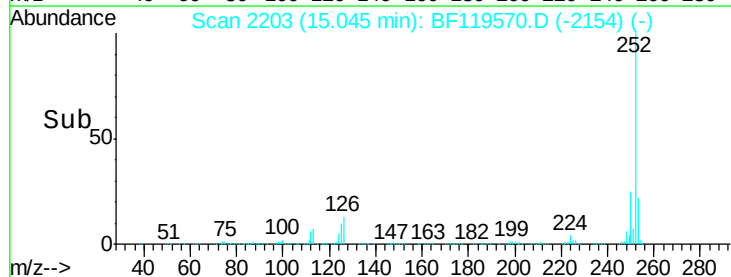
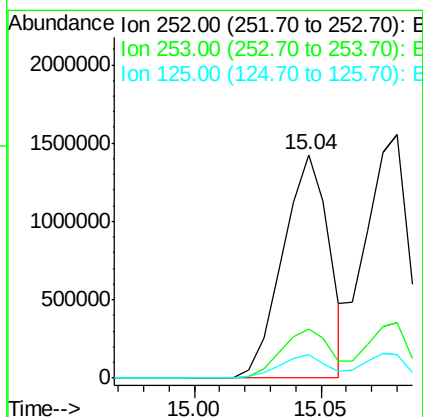
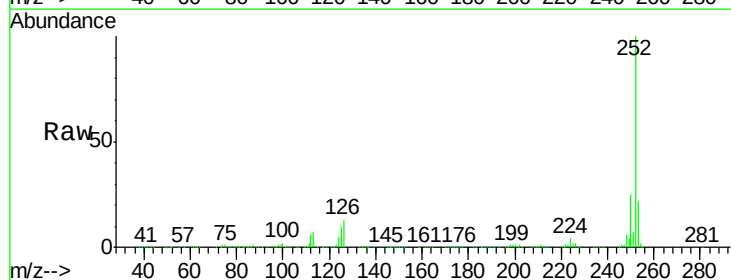
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

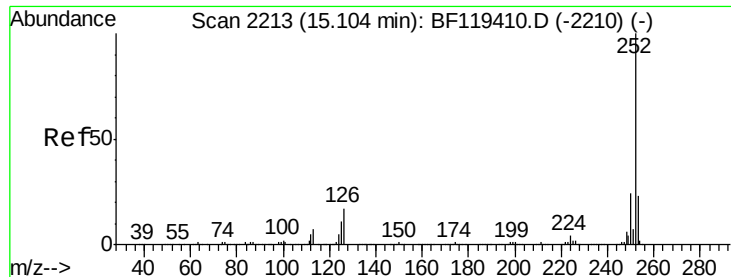
Tgt Ion:264 Resp: 631547
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 42.95 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:252 Resp: 1811895
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.2 7.9 11.9

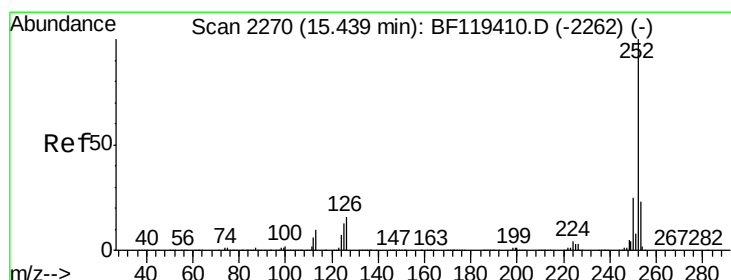
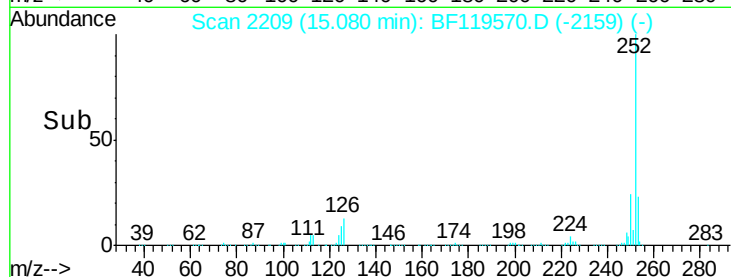
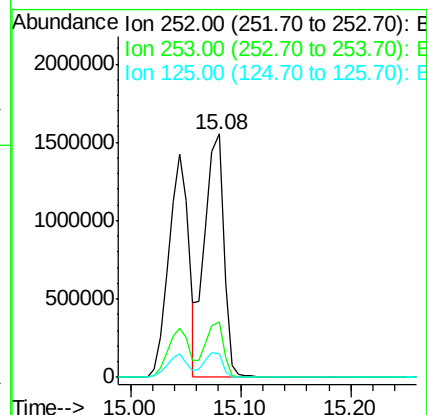
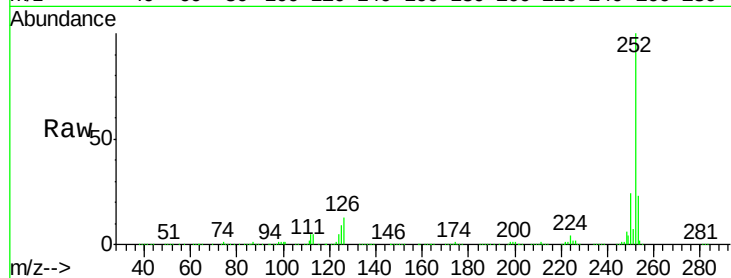




#89
Benzo(k)fluoranthene
Concen: 45.23 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

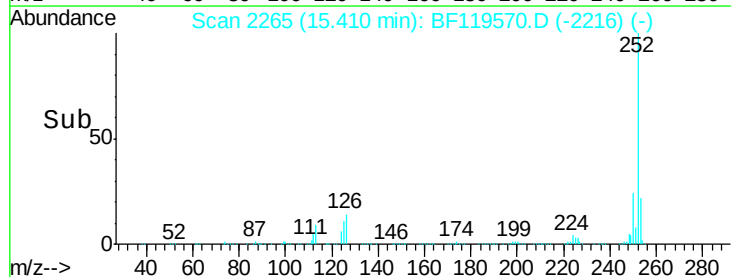
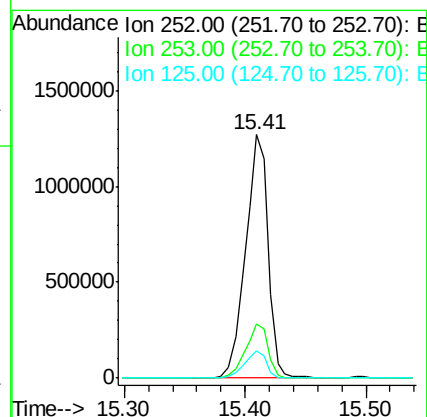
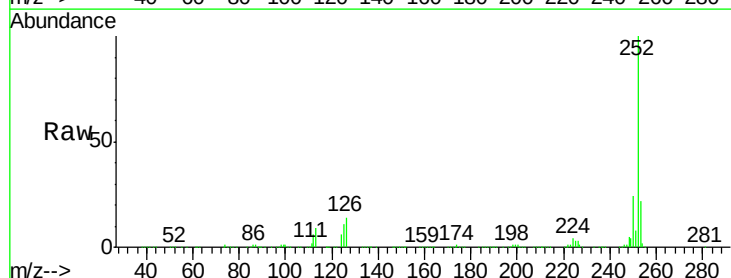
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

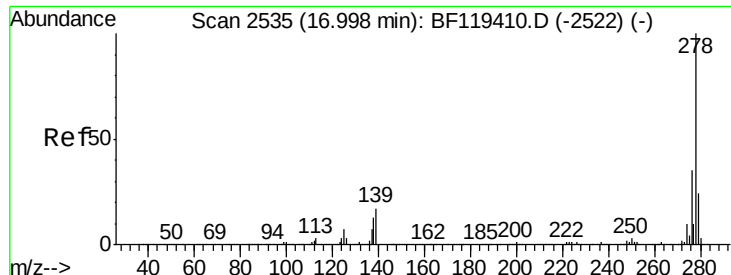
Tgt Ion:252 Resp: 1816758
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.16 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119570.D
Acq: 27 Mar 2020 16:38

Tgt Ion:252 Resp: 1654693
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 43.24 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Instrument :

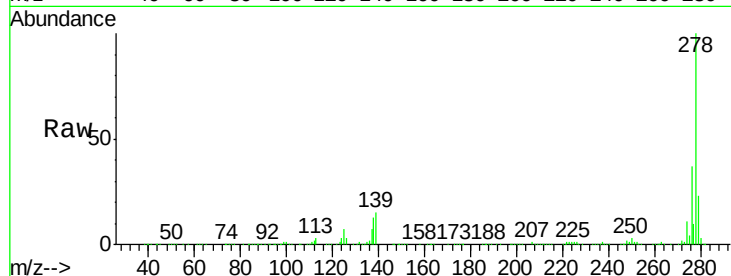
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 278 Resp: 1449856

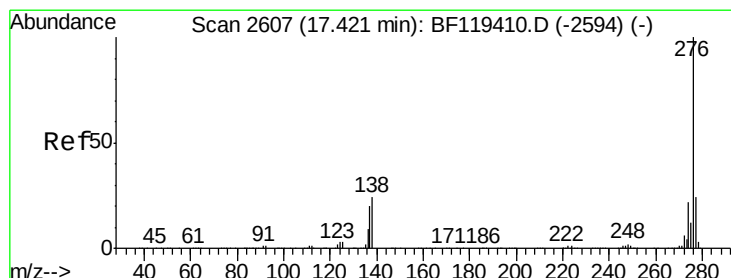
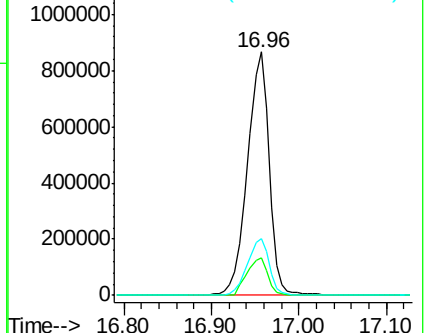
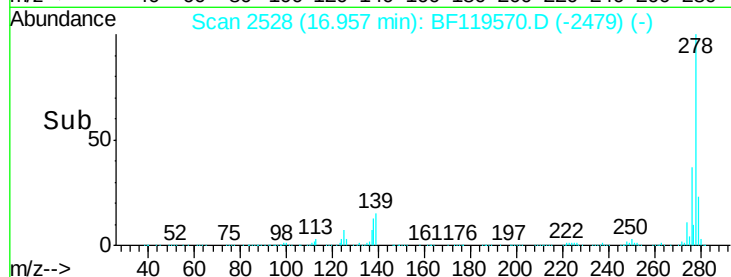
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	19.0
279	23.1	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.95 ng

RT: 17.38 min Scan# 2600

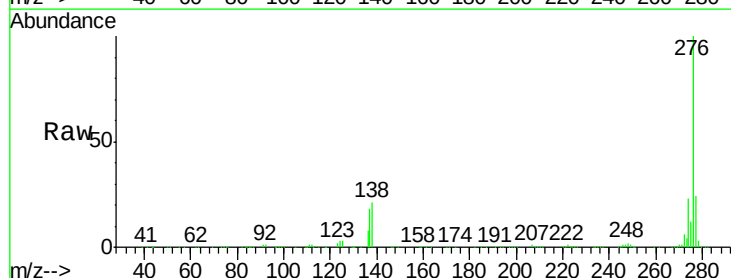
Delta R.T. -0.02 min

Lab File: BF119570.D

Acq: 27 Mar 2020 16:38

Tgt Ion: 276 Resp: 1447042

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	21.1	15.4	23.0



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

