

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119761.D
 Acq On : 6 Apr 2020 10:25
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 06 11:35:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185816	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	674181	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	325649	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	622267	20.00	ng	0.00
76) Chrysene-d12	13.96	240	512483	20.00	ng	0.00
87) Perylene-d12	15.40	264	548051	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	942471	80.74	ng	0.00
7) Phenol-d6	6.42	99	1147733	76.97	ng	0.00
23) Nitrobenzene-d5	7.35	82	1085402	87.50	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	337134	100.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1877872	85.43	ng	0.00
79) Terphenyl-d14	12.90	244	1995455	76.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	207366	35.970	ng	100
3) Pyridine	3.19	79	556408	35.033	ng	97
4) n-Nitrosodimethylamine	3.15	42	272733	35.214	ng	97
6) Aniline	6.45	93	765044	37.176	ng	99
8) 2-Chlorophenol	6.57	128	503772	41.092	ng	100
9) Benzaldehyde	6.33	77	316639	33.475	ng	100
10) Phenol	6.43	94	655433	41.196	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	492636	38.715	ng	99
12) 1,3-Dichlorobenzene	6.73	146	541012	40.774	ng	98
13) 1,4-Dichlorobenzene	6.80	146	542135	40.849	ng	99
14) 1,2-Dichlorobenzene	6.96	146	507152	40.882	ng	99
15) Benzyl Alcohol	6.93	79	433979	38.692	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	918605	35.790	ng	100
17) 2-Methylphenol	7.04	107	448004	39.885	ng	99
18) Hexachloroethane	7.30	117	210932	43.369	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	354620	39.457	ng	100
20) 3+4-Methylphenols	7.20	107	564813	41.030	ng	# 77
22) Acetophenone	7.20	105	660131	40.978	ng	# 88
24) Nitrobenzene	7.37	77	555260	41.884	ng	97
25) Isophorone	7.61	82	995133	39.546	ng	98
26) 2-Nitrophenol	7.69	139	257677	49.365	ng	94
27) 2,4-Dimethylphenol	7.73	122	401961	37.242	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	544931	36.621	ng	100
29) 2,4-Dichlorophenol	7.93	162	394672	39.797	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	427448	38.974	ng	97
31) Naphthalene	8.09	128	1410122	40.644	ng	99
32) Benzoic acid	7.85	122	325369	46.864	ng	96
33) 4-Chloroaniline	8.15	127	594987	37.427	ng	97
34) Hexachlorobutadiene	8.22	225	253695	41.343	ng	99
35) Caprolactam	8.52	113	126033	38.831	ng	# 90
36) 4-Chloro-3-methylphenol	8.63	107	435744	40.201	ng	98
37) 2-Methylnaphthalene	8.79	142	918825	40.354	ng	98
38) 1-Methylnaphthalene	8.89	142	865336	40.152	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	410785	43.037	ng	99

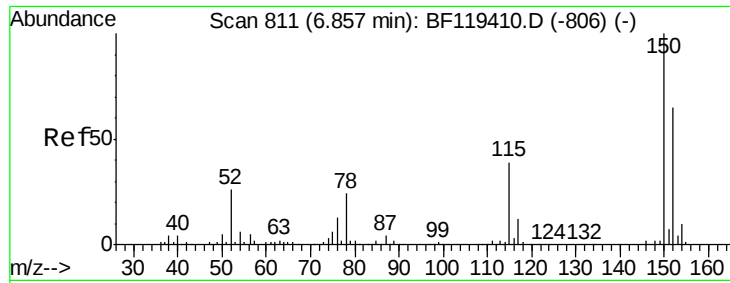
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119761.D
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 QLast Update : Mon Apr 06 11:15:16 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	237988	43.857	ng	97
43) 2,4,6-Trichlorophenol	9.06	196	312087	45.689	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	347077	45.358	ng	96
46) 1,1'-Biphenyl	9.25	154	1135315	42.806	ng	98
47) 2-Chloronaphthalene	9.27	162	873572	42.049	ng	100
48) 2-Nitroaniline	9.37	65	330847	46.138	ng	99
49) Acenaphthylene	9.69	152	1343989	41.195	ng	98
50) Dimethylphthalate	9.56	163	969516	41.914	ng	99
51) 2,6-Dinitrotoluene	9.62	165	216263	43.619	ng	98
52) Acenaphthene	9.86	154	850310	41.807	ng	99
53) 3-Nitroaniline	9.79	138	260229	41.574	ng	90
54) 2,4-Dinitrophenol	9.89	184	117549	57.085	ng	92
55) Dibenzofuran	10.04	168	1204913	41.320	ng	98
56) 4-Nitrophenol	9.94	139	203627	41.238	ng	98
57) 2,4-Dinitrotoluene	10.02	165	297551	47.641	ng	98
58) Fluorene	10.38	166	914127	42.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	246030	43.015	ng	98
60) Diethylphthalate	10.26	149	980454	41.763	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	458960	43.523	ng	95
62) 4-Nitroaniline	10.40	138	261368	43.544	ng	96
63) Azobenzene	10.53	77	993926	42.042	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	167595	64.229	ng	97
66) n-Nitrosodiphenylamine	10.49	169	884280	43.287	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	313291	44.208	ng	95
68) Hexachlorobenzene	10.93	284	315222	43.460	ng	95
69) Atrazine	11.02	200	217890	38.906	ng	96
70) Pentachlorophenol	11.12	266	181667	42.716	ng	99
71) Phenanthrene	11.34	178	1343204	41.629	ng	98
72) Anthracene	11.39	178	1337635	40.790	ng	98
73) Carbazole	11.55	167	1373140	42.304	ng	99
74) Di-n-butylphthalate	11.88	149	1615295	46.520	ng	100
75) Fluoranthene	12.53	202	1415055	40.523	ng	99
77) Benzidine	12.65	184	645481	29.762	ng	99
78) Pyrene	12.76	202	1479794	35.184	ng	98
80) Butylbenzylphthalate	13.38	149	698783	41.078	ng	98
81) Benzo(a)anthracene	13.94	228	1313610	39.417	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	538966	41.017	ng	99
83) Chrysene	13.99	228	1343563	39.064	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	878851	43.339	ng	# 97
85) Di-n-octyl phthalate	14.56	149	1609630	45.133	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1383119	42.699	ng	99
88) Benzo(b)fluoranthene	14.99	252	1412364	38.579	ng	99
89) Benzo(k)fluoranthene	15.02	252	1316604	37.768	ng	99
90) Benzo(a)pyrene	15.34	252	1295616	38.942	ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1136887	39.068	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1163218	39.788	ng	99

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

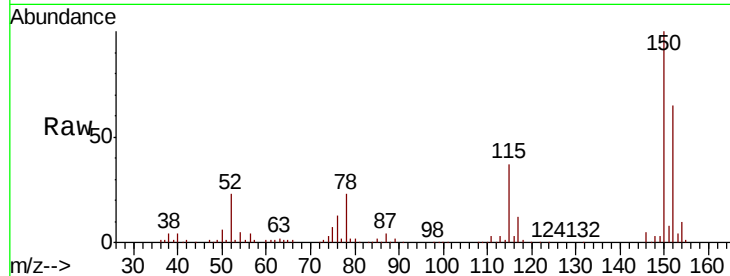


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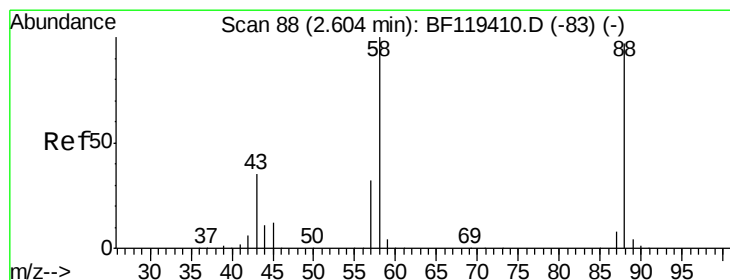
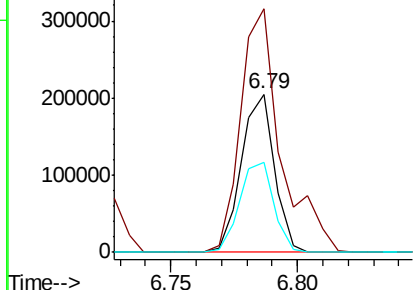
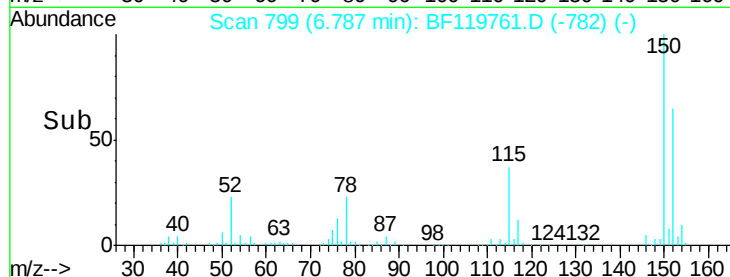
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 185816
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 57.3 49.6 74.4



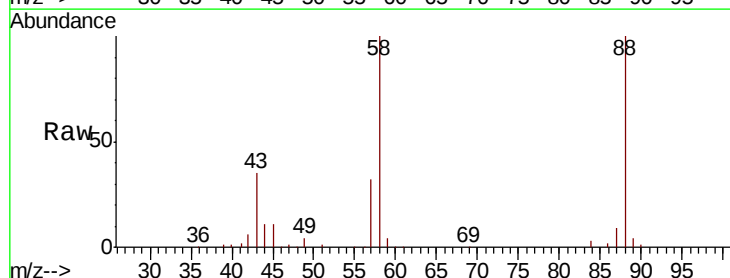
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



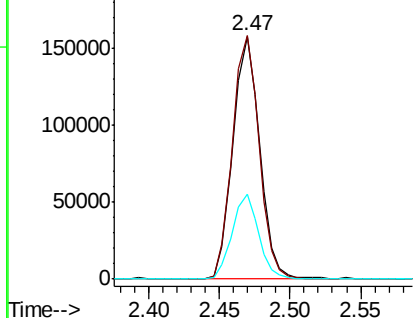
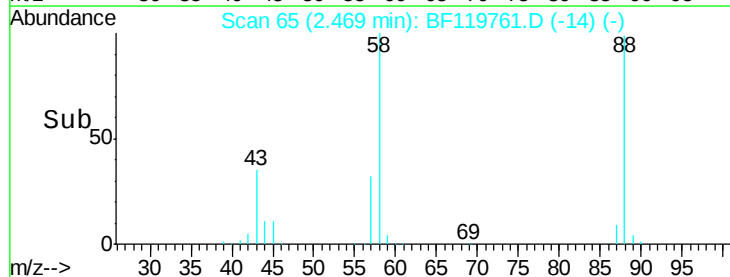
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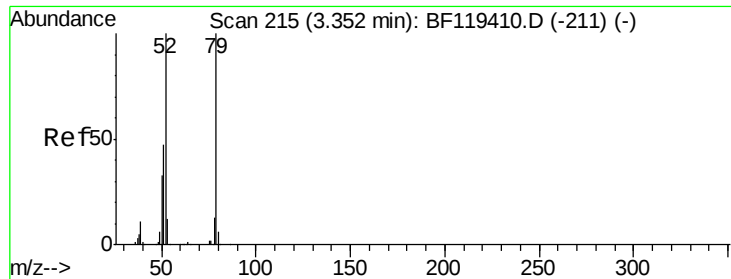
1,4-Dioxane
Concen: 35.970 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion: 88 Resp: 207366
Ion Ratio Lower Upper
88 100
58 100.6 80.6 121.0
43 34.7 27.5 41.3



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





#3

Pvridine

Concen: 35.033 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

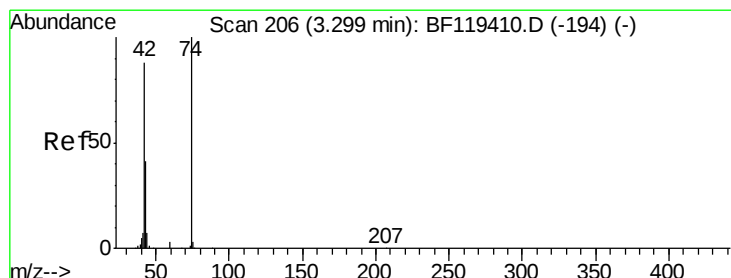
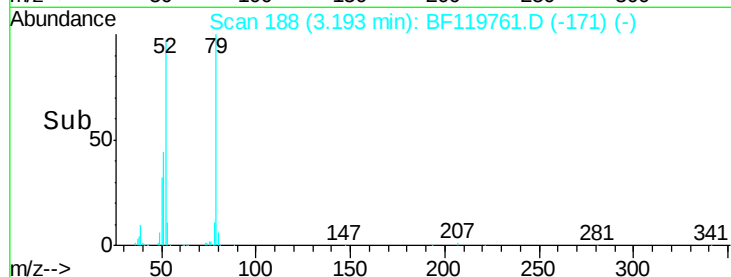
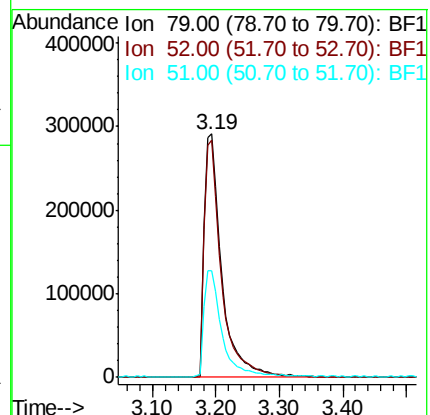
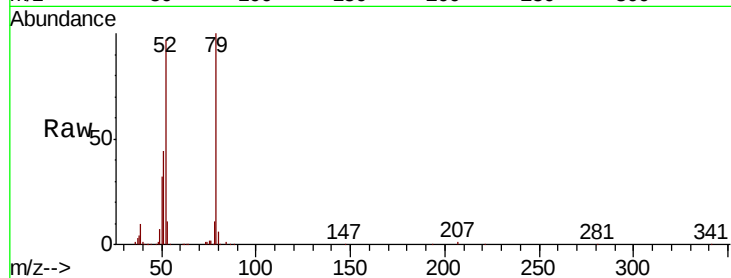
Tot Ion: 79 Resp: 556408

Ion Ratio Lower Upper

79 100

52 97.3 80.2 120.2

51 44.0 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 35.214 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

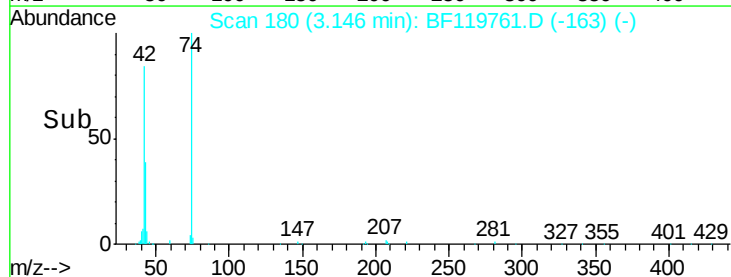
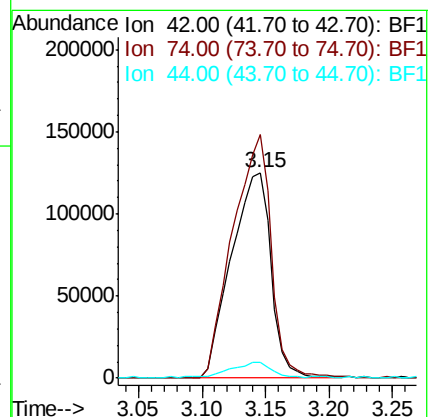
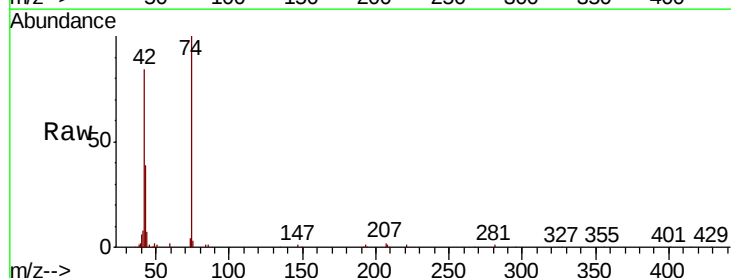
Tgt Ion: 42 Resp: 272733

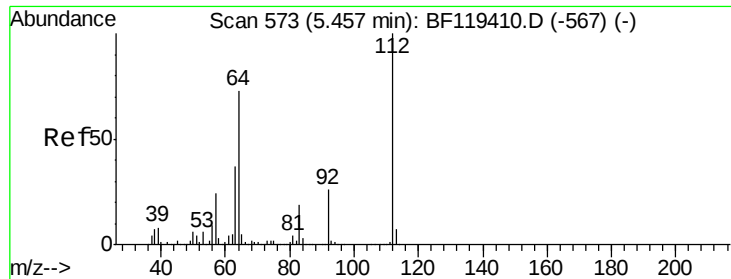
Ion Ratio Lower Upper

42 100

74 118.4 91.5 137.3

44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 80.742 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

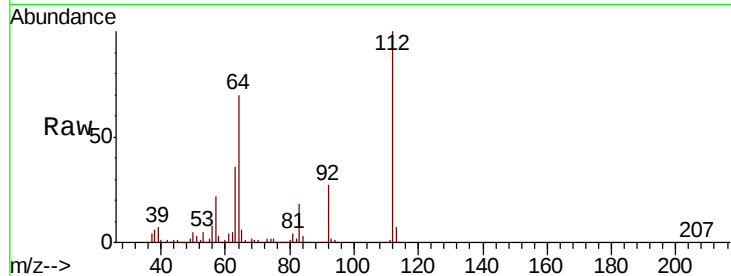
Tot Ion:112 Resp: 942471

Ion Ratio Lower Upper

112 100

64 69.9 56.7 85.1

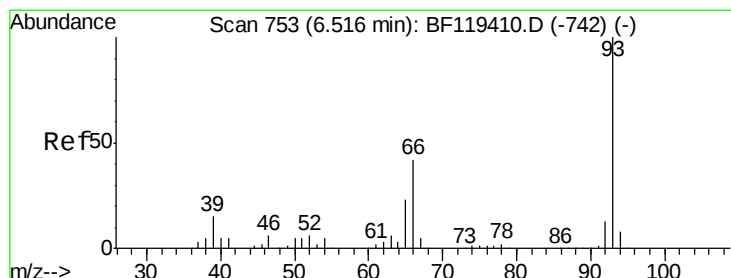
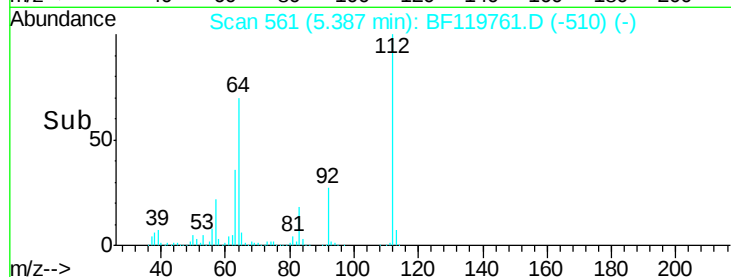
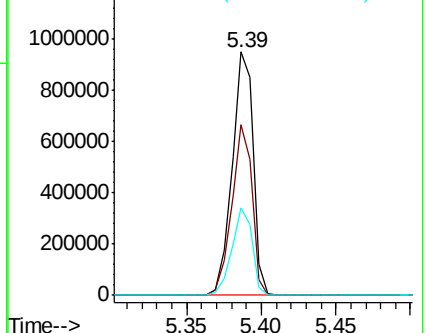
63 36.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.176 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

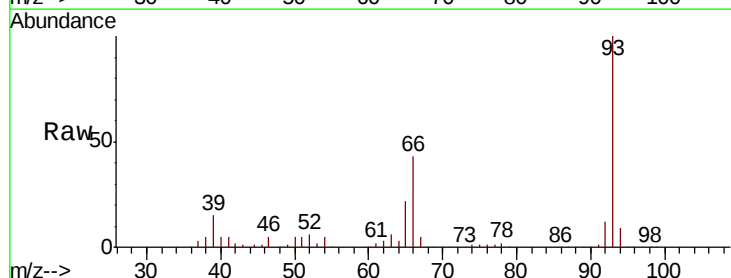
Tgt Ion: 93 Resp: 765044

Ion Ratio Lower Upper

93 100

66 43.0 34.9 52.3

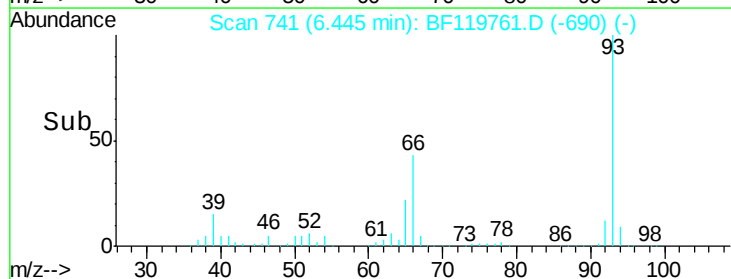
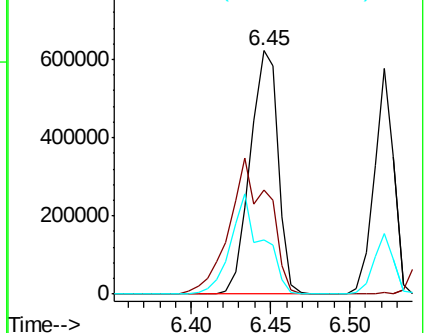
65 22.4 18.6 27.8

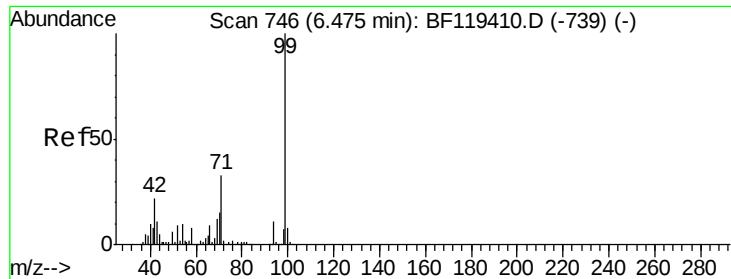


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.973 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

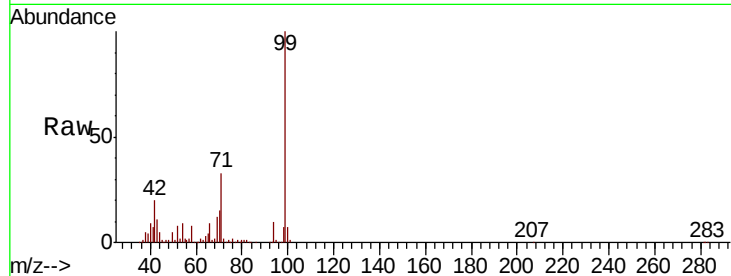
Tot Ion: 99 Resp: 1147733

Ion Ratio Lower Upper

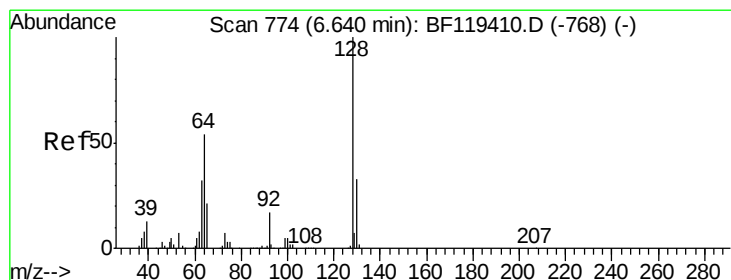
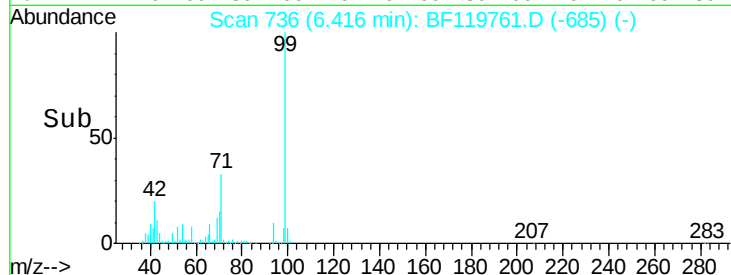
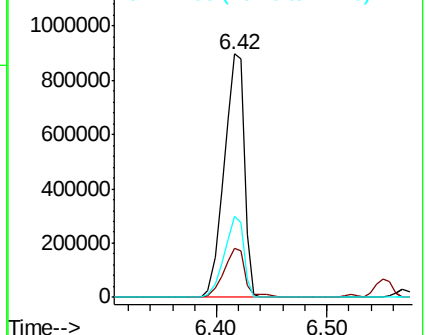
99 100

42 20.3 16.6 24.8

71 33.2 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.092 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

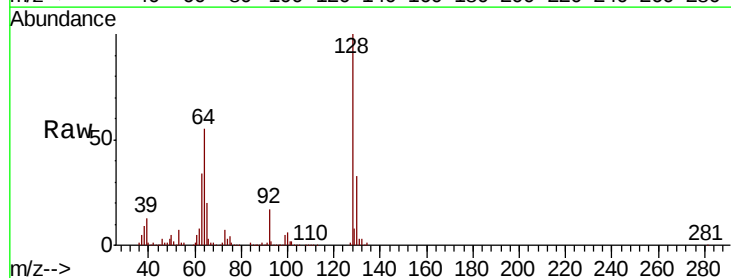
Tgt Ion: 128 Resp: 503772

Ion Ratio Lower Upper

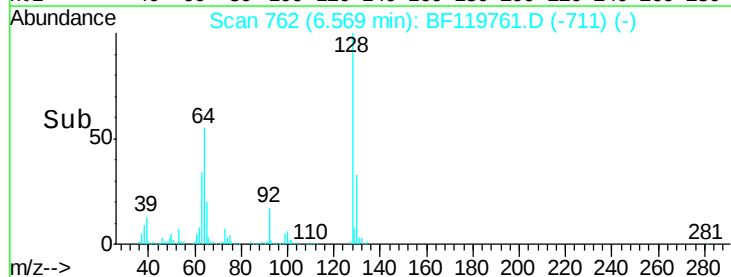
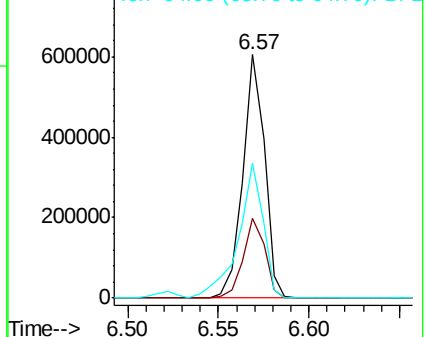
128 100

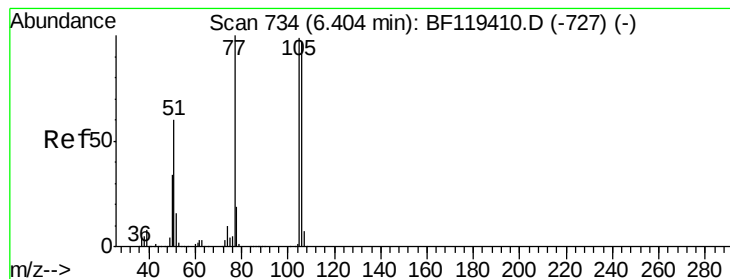
130 32.8 12.6 52.6

64 55.4 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.475 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

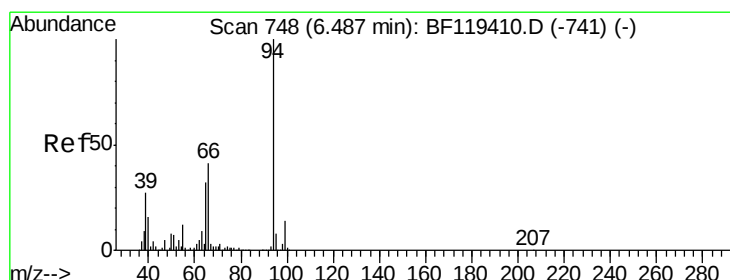
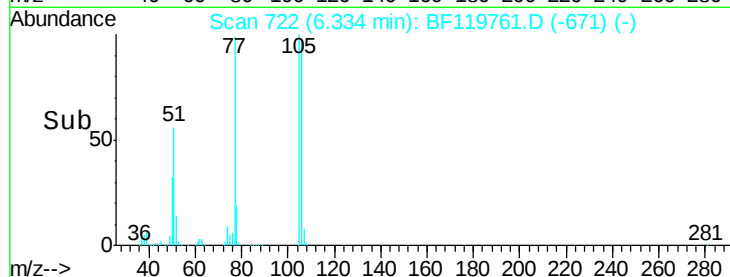
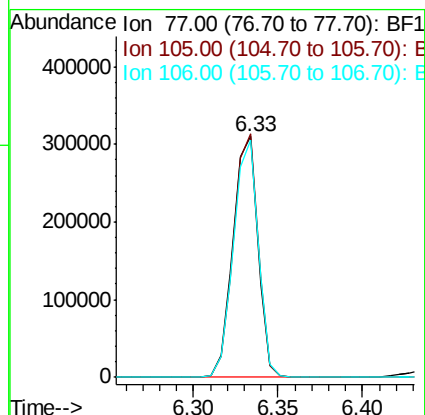
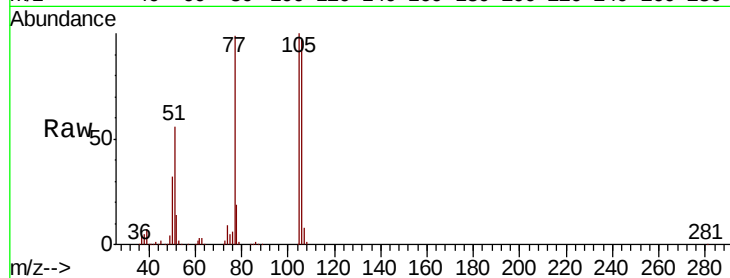
Tot Ion: 77 Resp: 316639

Ion Ratio Lower Upper

77 100

105 101.2 80.9 120.9

106 98.6 77.9 117.9



#10

Phenol

Concen: 41.196 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

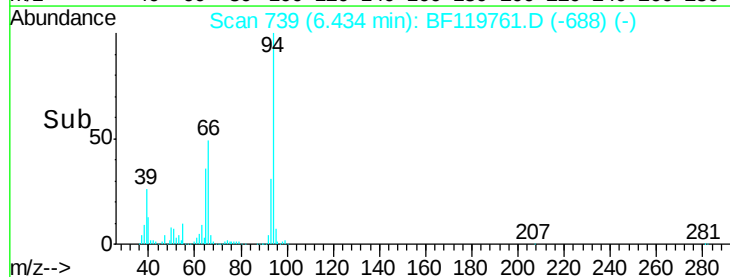
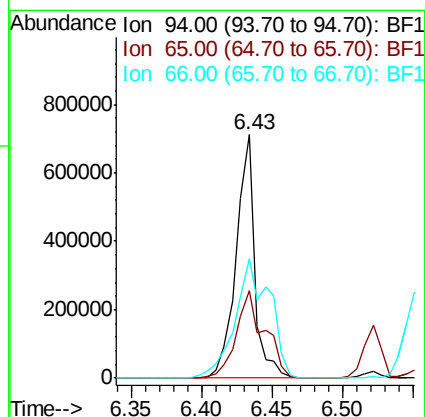
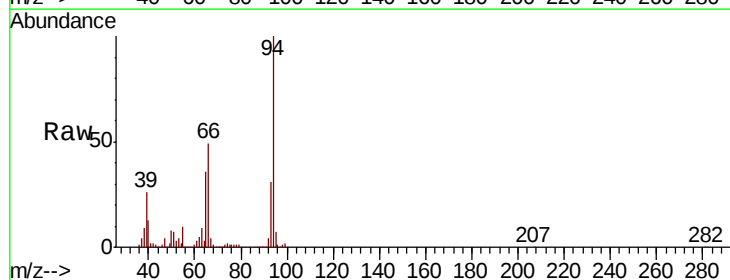
Tgt Ion: 94 Resp: 655433

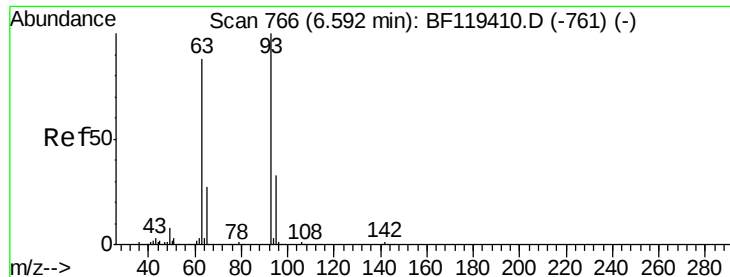
Ion Ratio Lower Upper

94 100

65 36.1 13.2 53.2

66 48.9 22.3 62.3

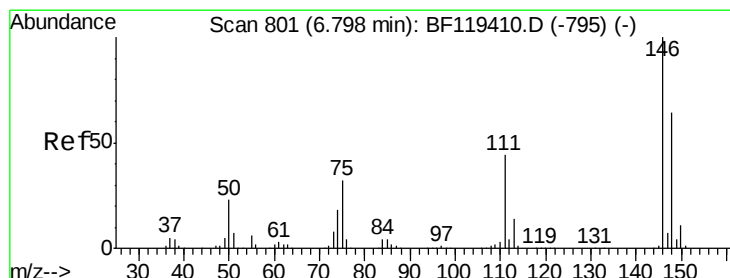
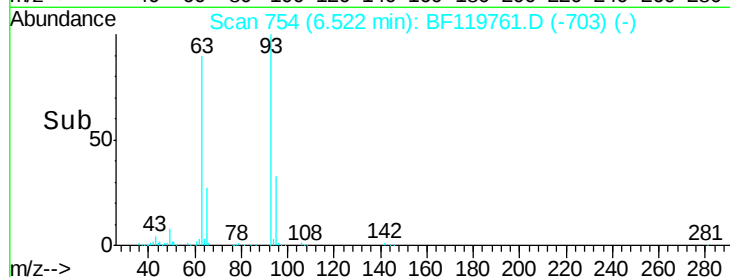
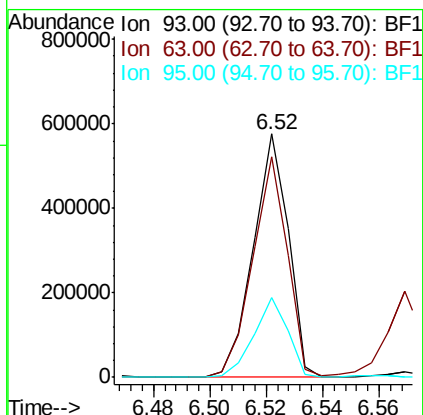
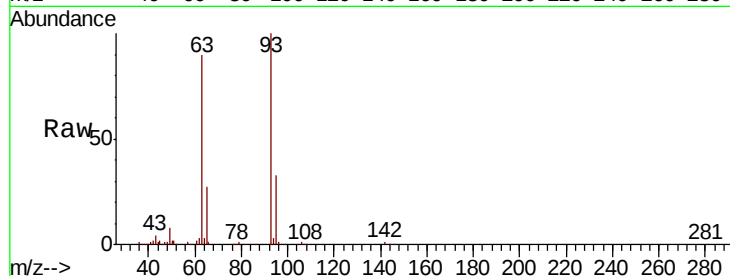




#11
bis(2-Chloroethyl)ether
Concen: 38.715 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

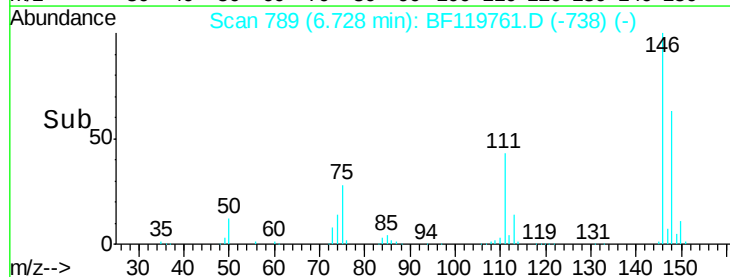
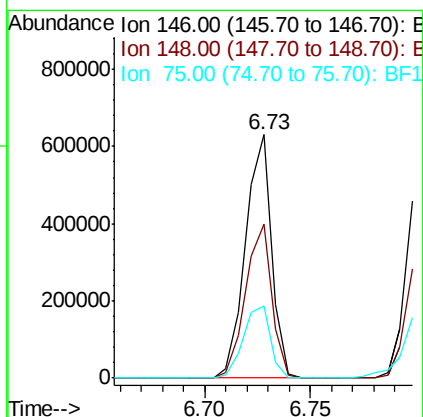
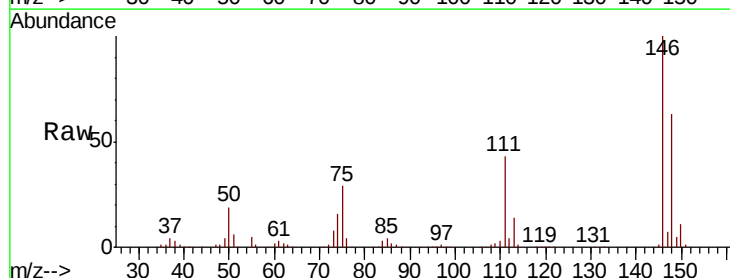
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

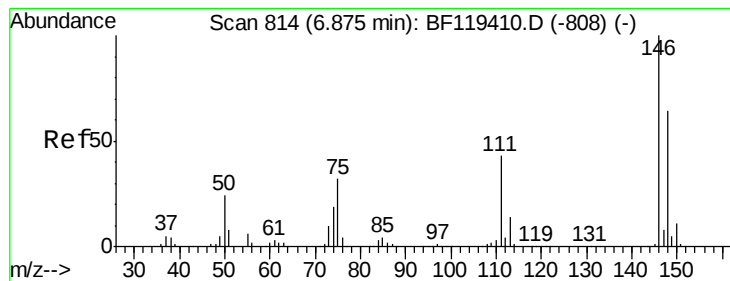
Tot Ion: 93 Resp: 492636
Ion Ratio Lower Upper
93 100
63 90.5 70.2 110.2
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.774 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion: 146 Resp: 541012
Ion Ratio Lower Upper
146 100
148 63.0 52.2 78.4
75 29.4 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.849 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

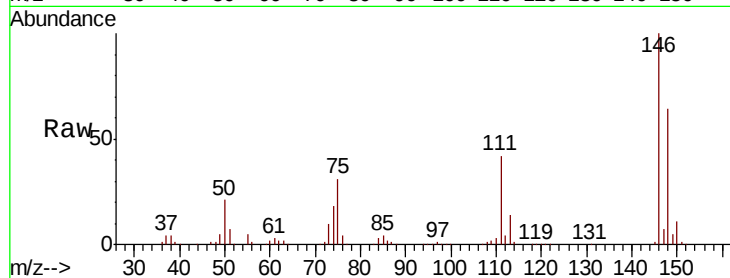
Tot Ion:146 Resp: 542135

Ion Ratio Lower Upper

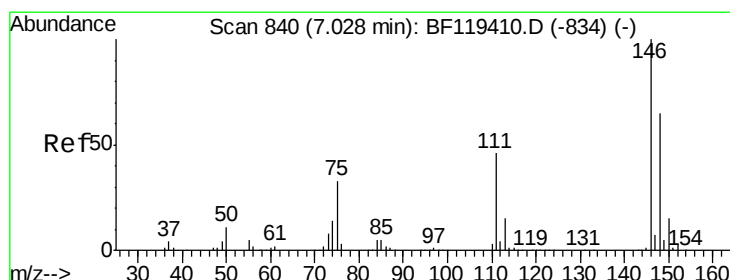
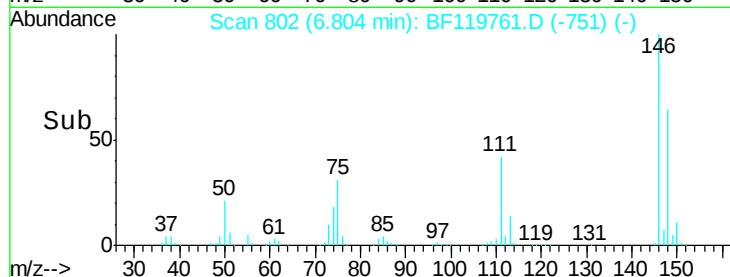
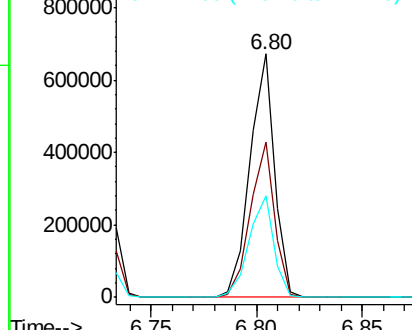
146 100

148 63.8 51.5 77.3

111 41.9 33.3 49.9



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



#14

1,2-Dichlorobenzene

Concen: 40.882 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

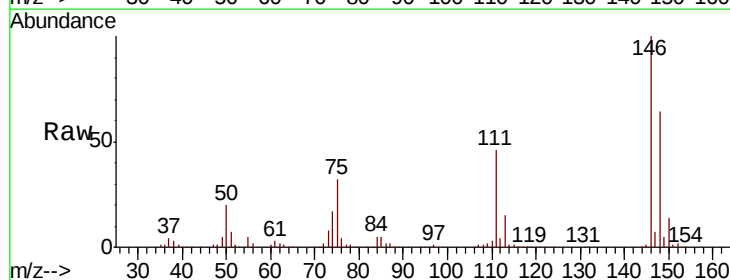
Tgt Ion:146 Resp: 507152

Ion Ratio Lower Upper

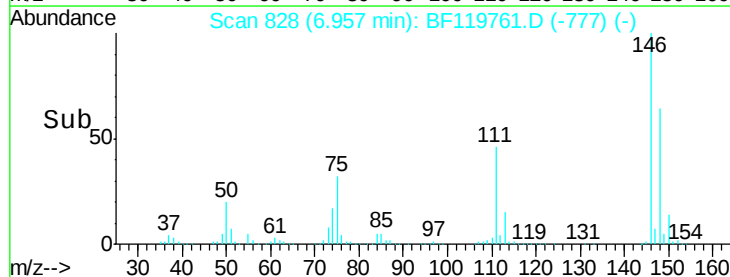
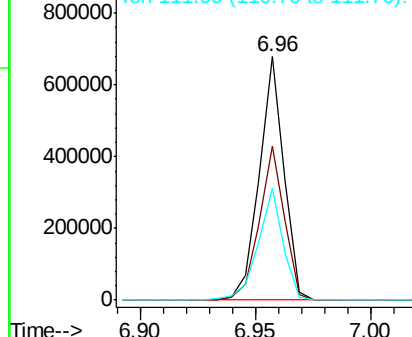
146 100

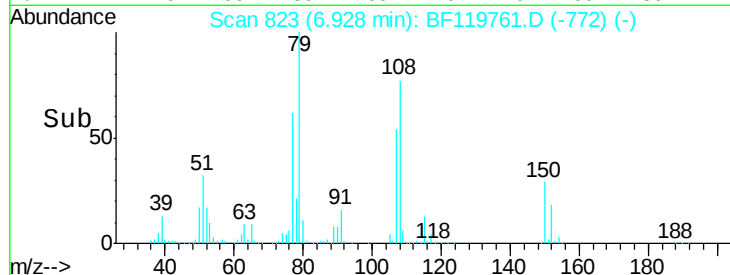
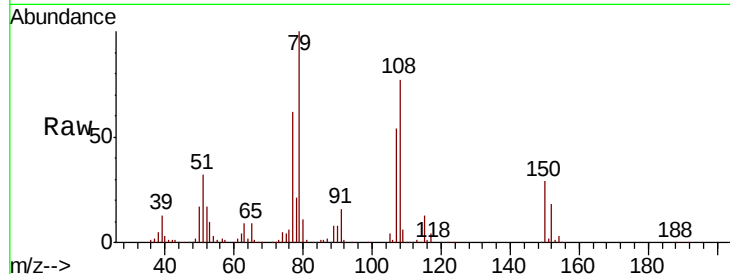
148 63.5 50.6 75.8

111 45.9 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 38.692 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

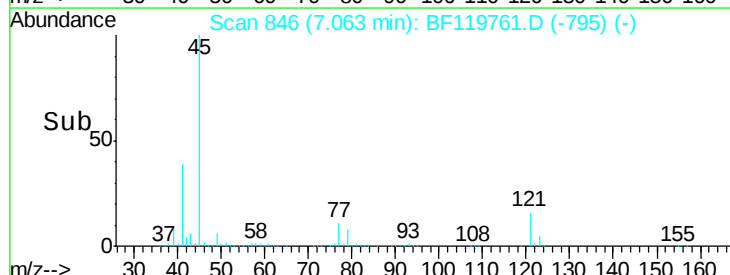
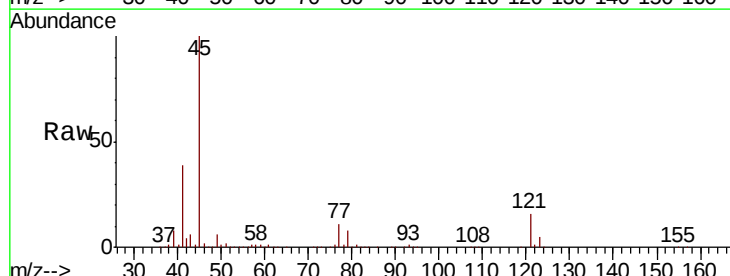
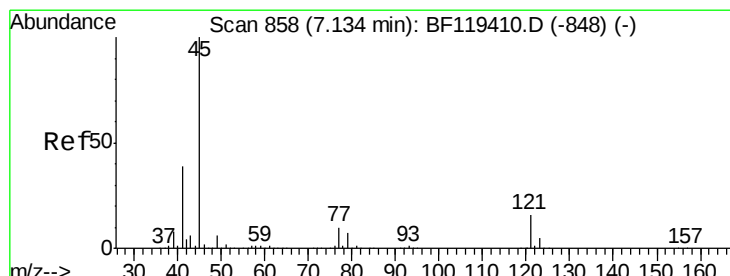
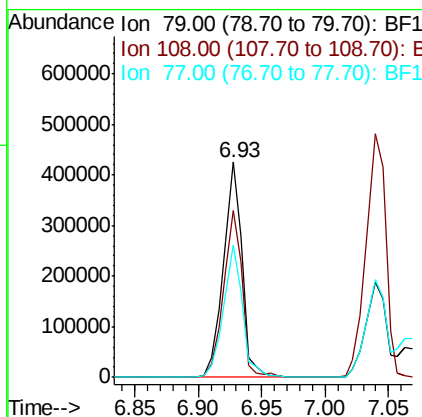
Tot Ion: 79 Resp: 433979

Ion Ratio Lower Upper

79 100

108 77.5 60.6 90.8

77 61.7 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.790 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

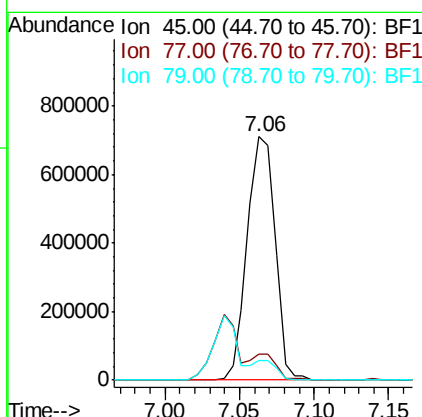
Tgt Ion: 45 Resp: 918605

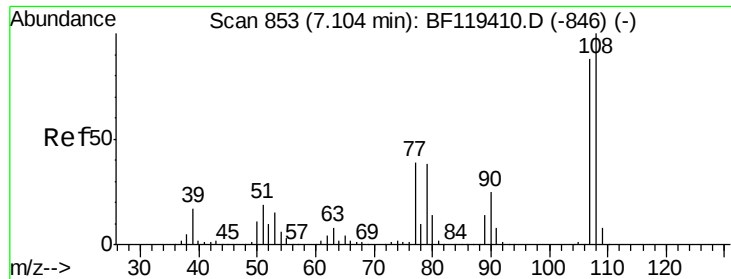
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

79 8.2 0.0 28.2

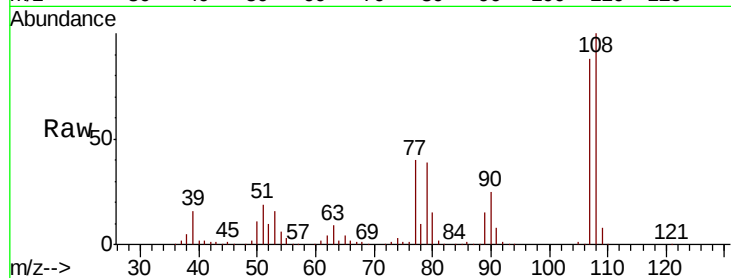




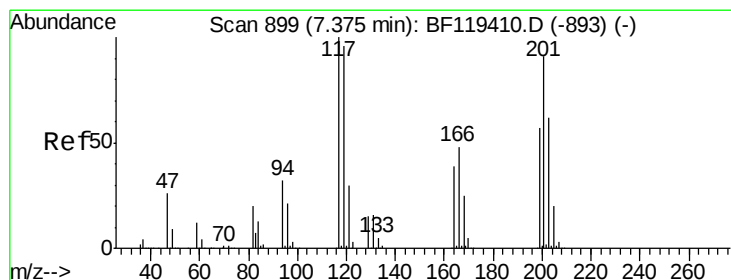
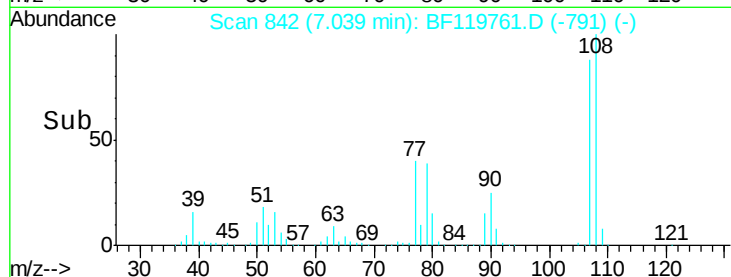
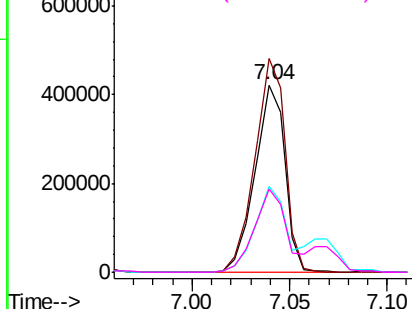
#17
2-Methylphenol
Concen: 39.885 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 448004
Ion Ratio Lower Upper
107 100
108 114.0 92.2 138.4
77 45.5 36.6 54.8
79 44.6 36.2 54.4

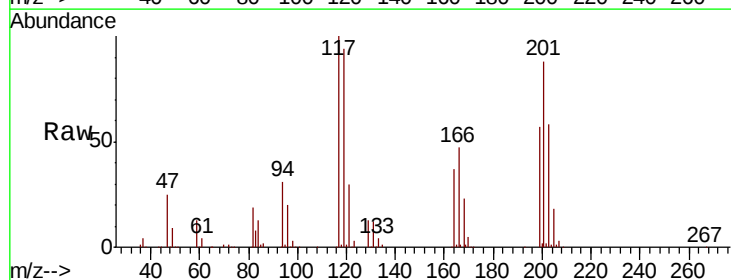


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

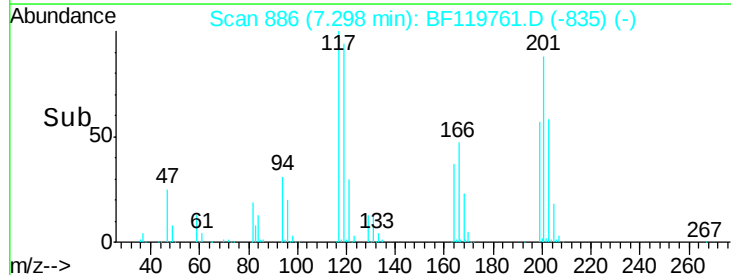
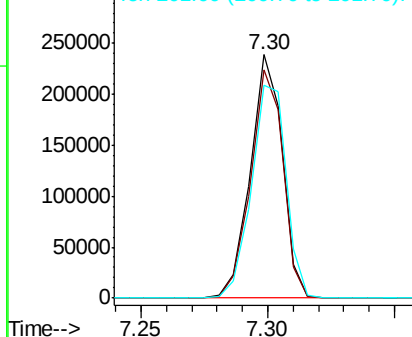


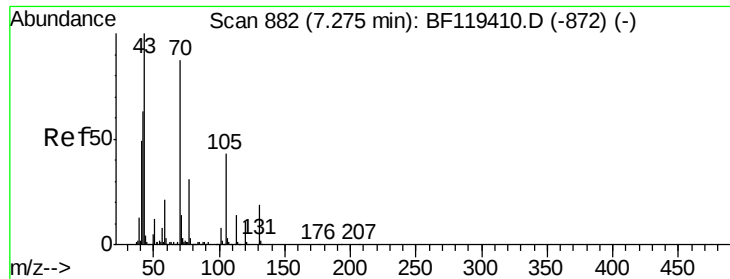
#18
Hexachloroethane
Concen: 43.369 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:117 Resp: 210932
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
201 87.6 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

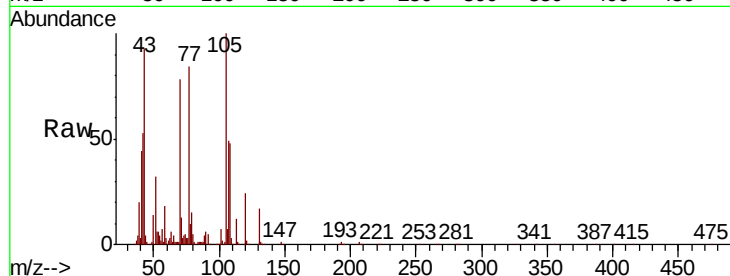




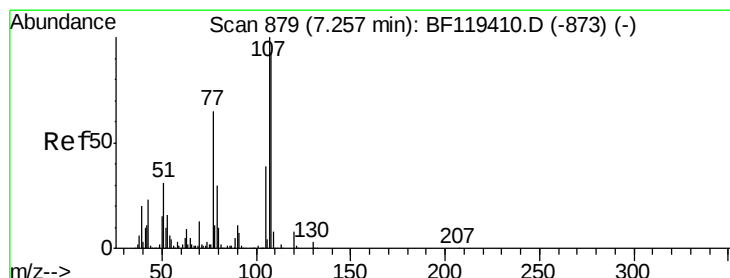
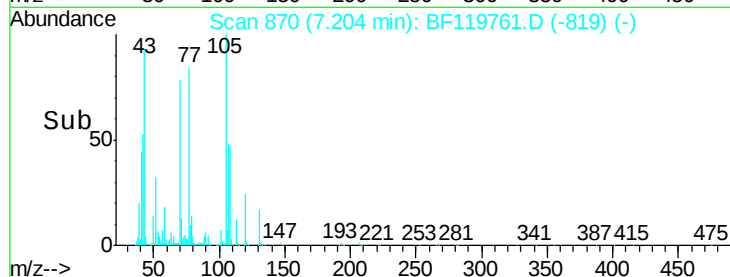
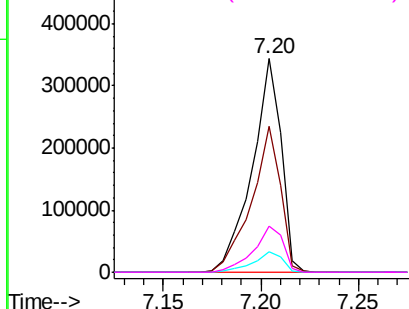
#19
n-Nitroso-di-n-propylamine
Concen: 39.457 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 354620
Ion Ratio Lower Upper
70 100
42 68.3 54.5 81.7
101 9.4 7.6 11.4
130 21.5 17.6 26.4

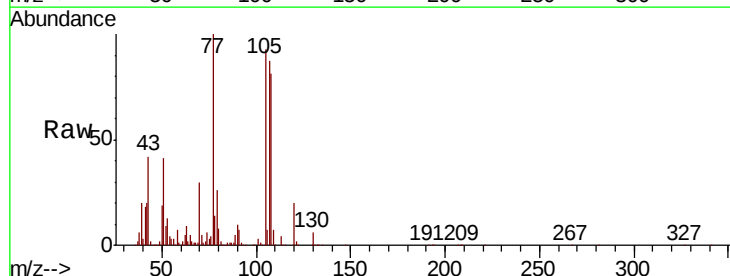


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

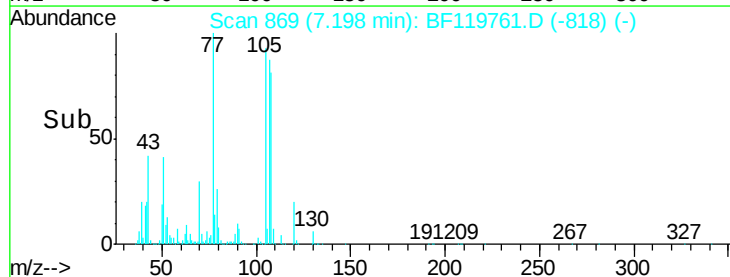
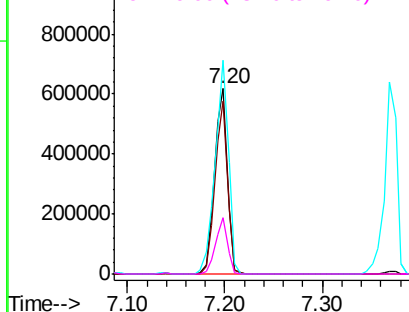


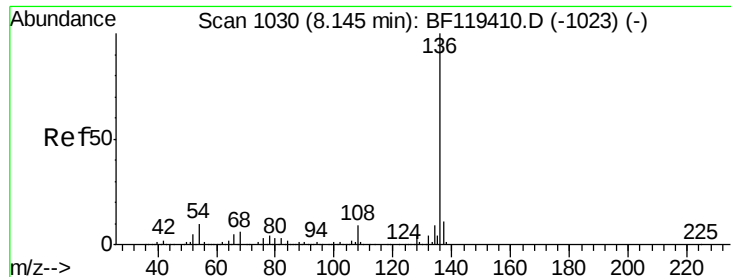
#20
3+4-Methylphenols
Concen: 41.030 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion: 107 Resp: 564813
Ion Ratio Lower Upper
107 100
108 92.9 67.9 107.9
77 115.2 52.9 92.9#
79 30.3 7.7 47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 674181

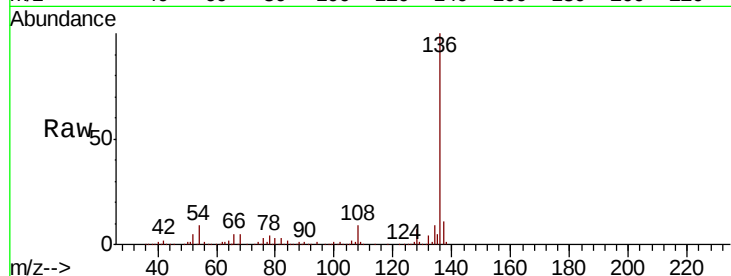
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.4 9.1 13.7

68 5.1 4.6 6.8

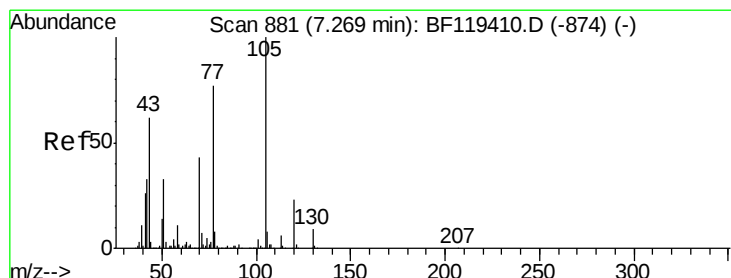
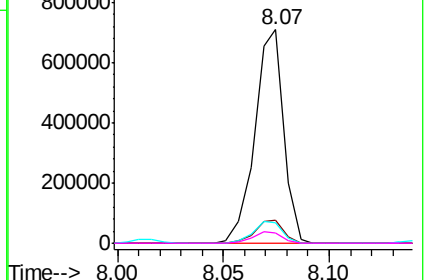
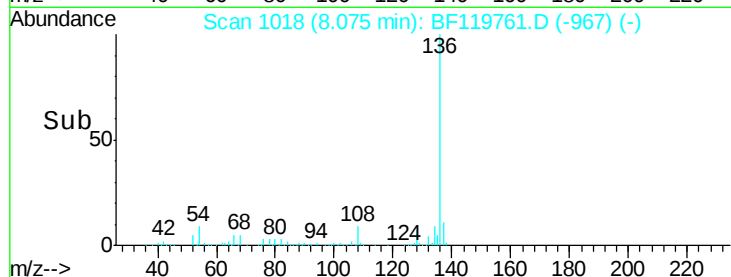


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.978 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Tgt Ion:105 Resp: 660131

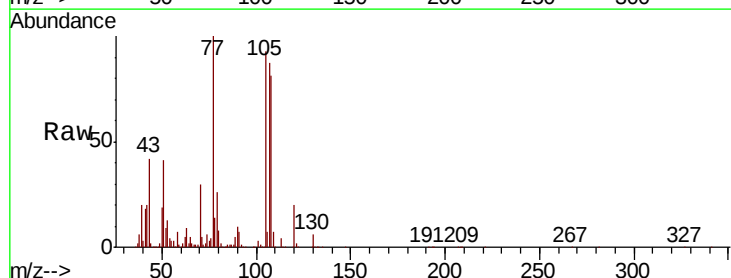
Ion Ratio Lower Upper

105 100

71 5.5 5.7 8.5#

51 44.7 26.2 39.4#

120 21.9 18.3 27.5

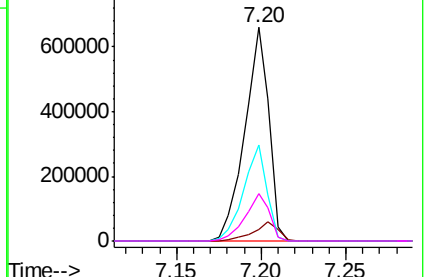
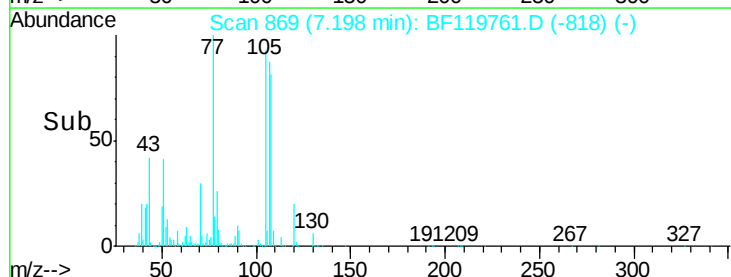


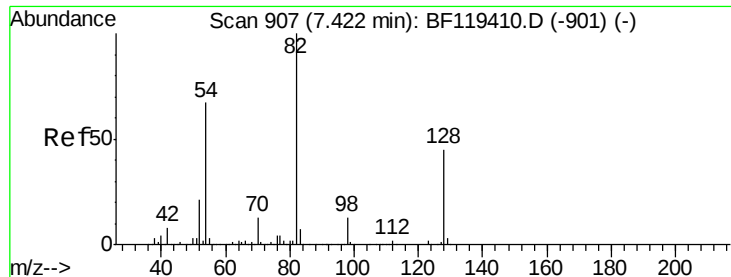
Abundance Ion 105.00 (104.70 to 105.70): E

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

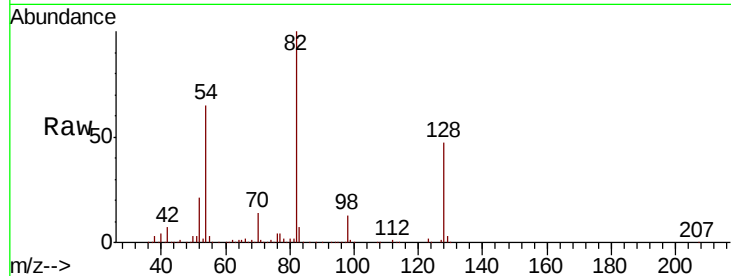




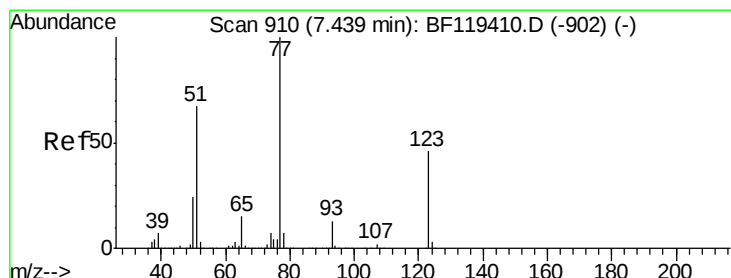
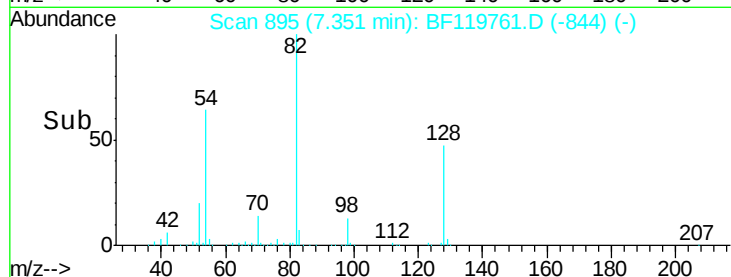
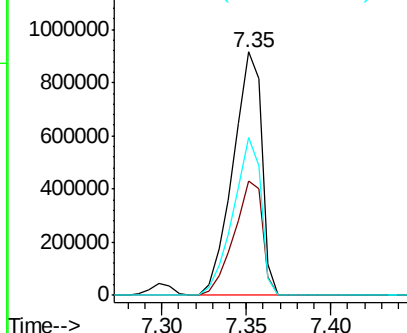
#23
Nitrobenzene-d5
Concen: 87.498 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1085402
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 64.8 50.6 75.8

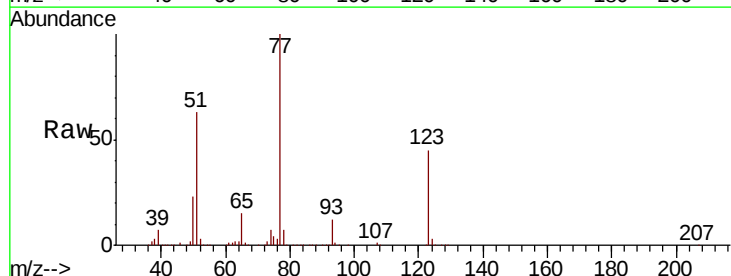


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

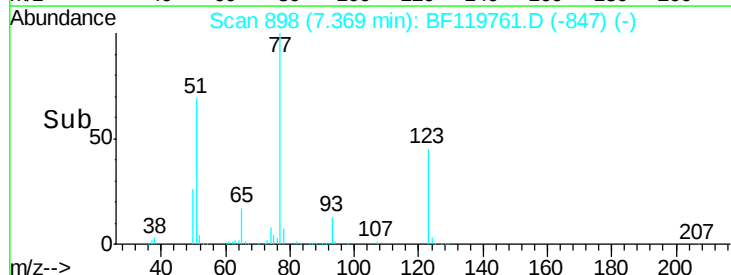
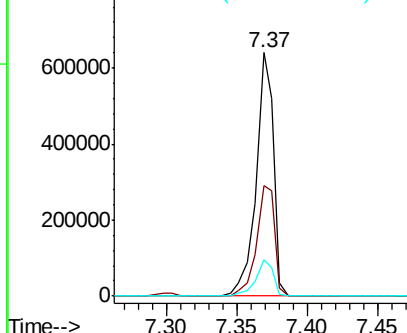


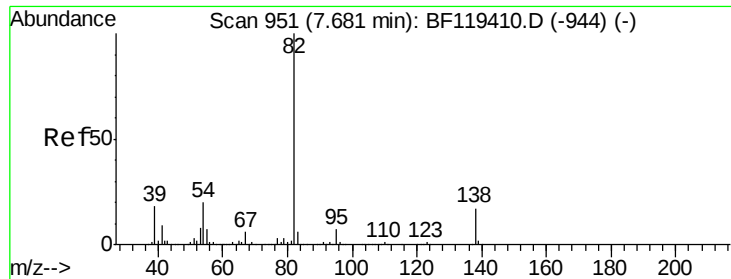
#24
Nitrobenzene
Concen: 41.884 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion: 77 Resp: 555260
Ion Ratio Lower Upper
77 100
123 45.4 38.0 57.0
65 15.0 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: 39.546 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

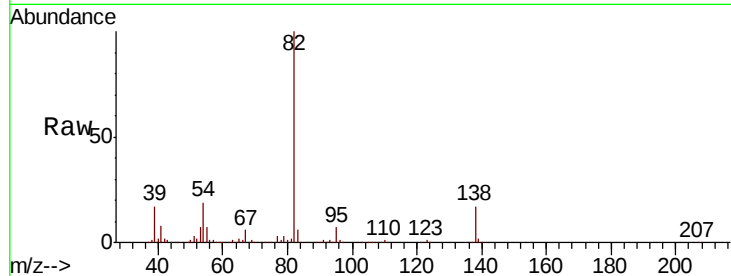
Tot Ion: 82 Resp: 995133

Ion Ratio Lower Upper

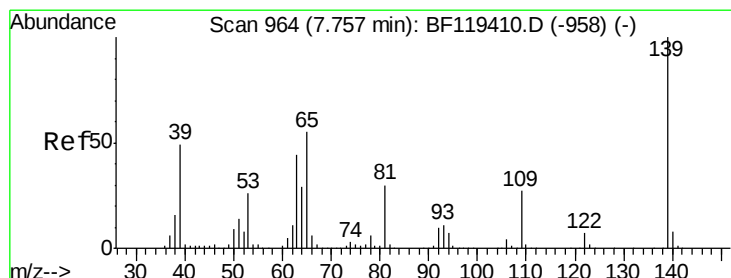
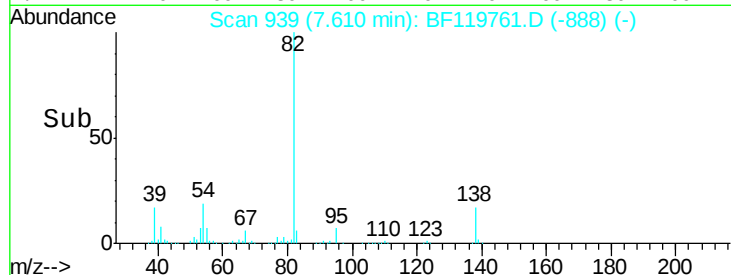
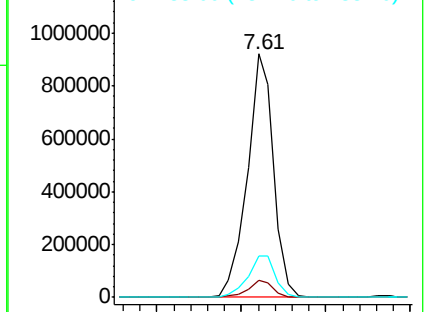
82 100

95 7.0 5.8 8.6

138 17.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.365 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

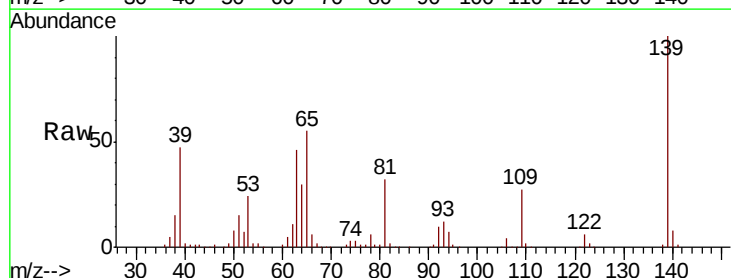
Tgt Ion: 139 Resp: 257677

Ion Ratio Lower Upper

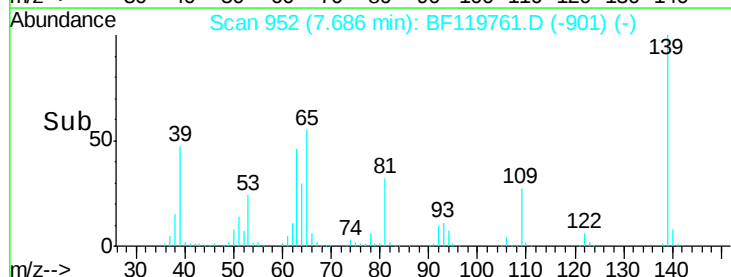
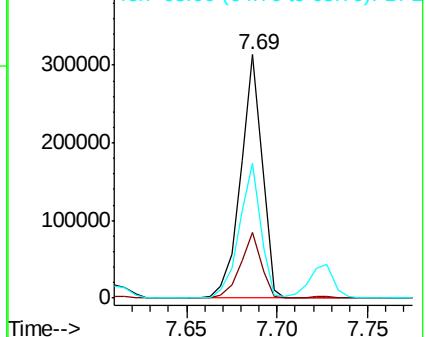
139 100

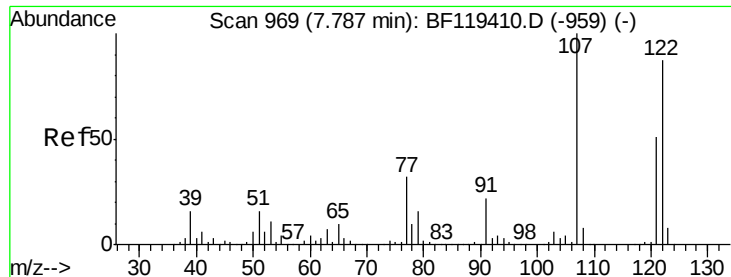
109 26.8 22.1 33.1

65 55.2 49.2 73.8



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

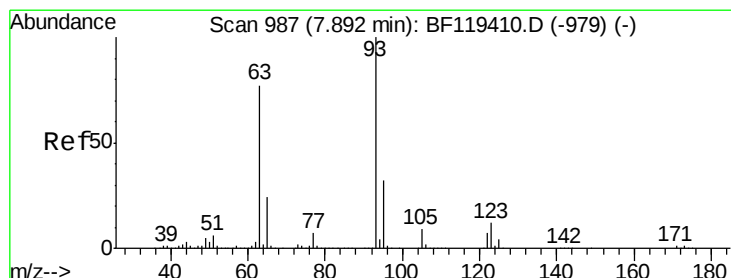
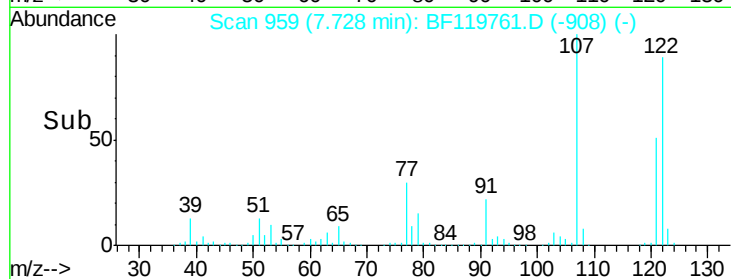
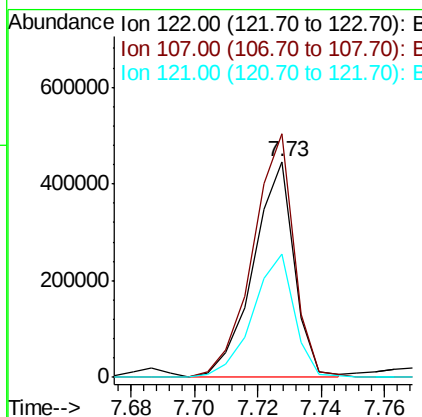
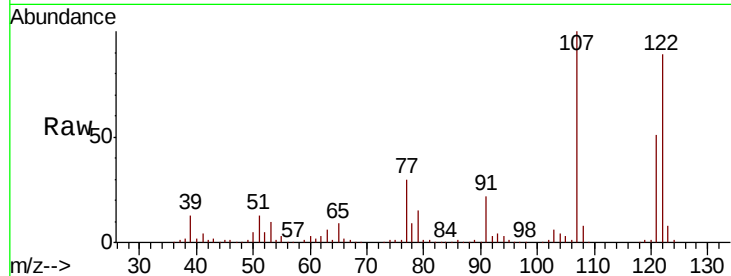




#27
 2,4-Dimethylphenol
 Concen: 37.242 ng
 RT: 7.73 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

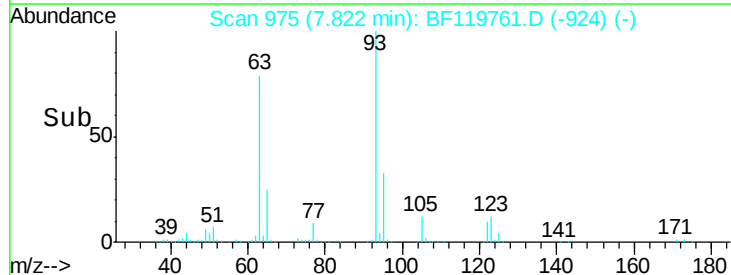
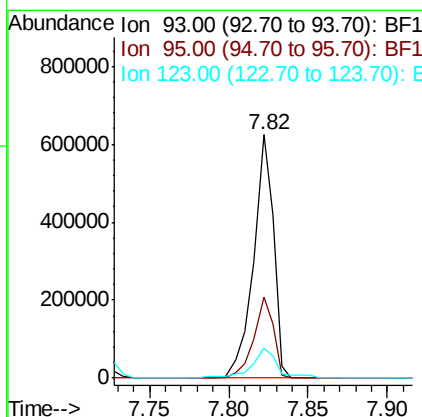
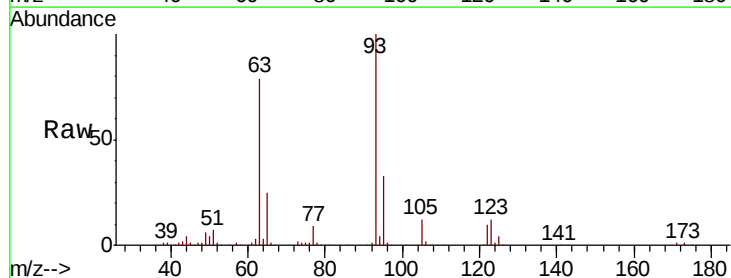
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 401961
 Ion Ratio Lower Upper
 122 100
 107 112.9 89.0 133.6
 121 57.4 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.621 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion: 93 Resp: 544931
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 12.2 9.7 14.5

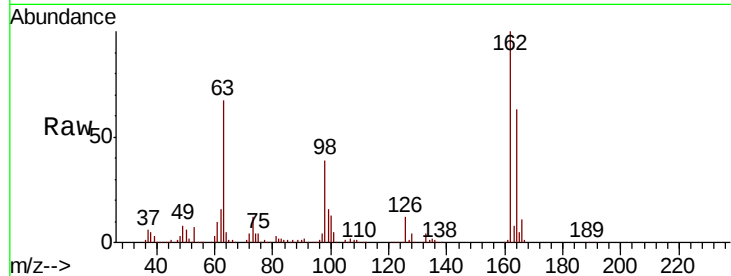




#29
 2,4-Dichlorophenol
 Concen: 39.797 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.7	84.7
98	39.0	20.7	60.7

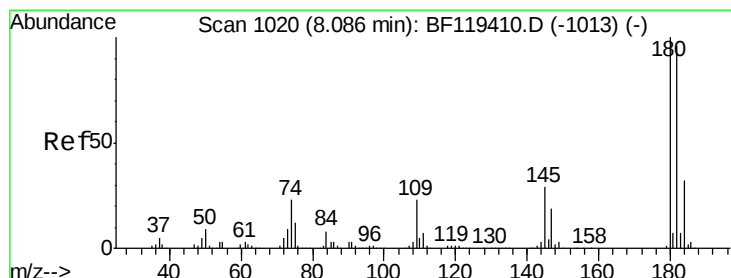
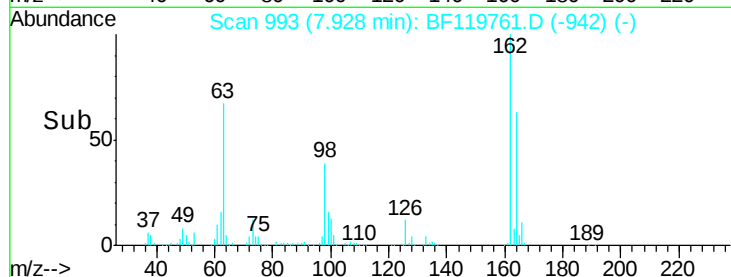
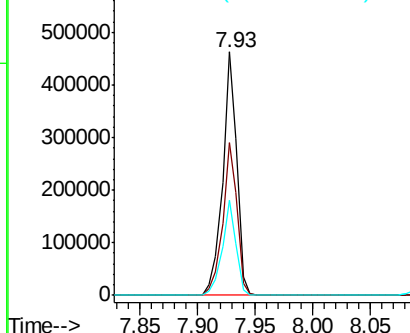


Abundance

Ion 162.00 (161.70 to 162.70): E

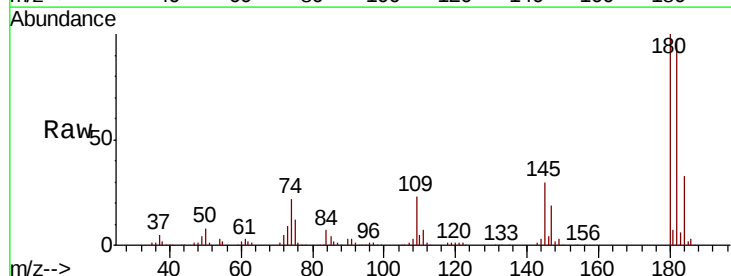
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.974 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.7	112.1
145	29.6	24.5	36.7

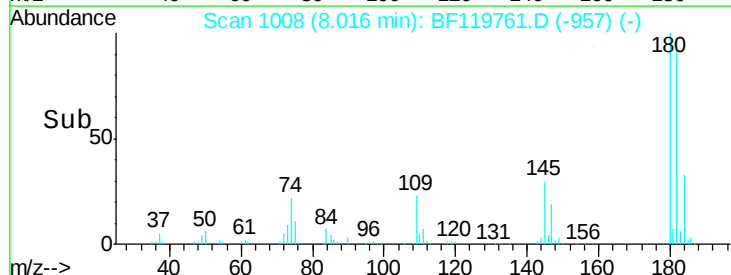
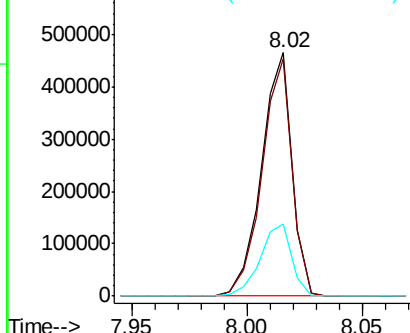


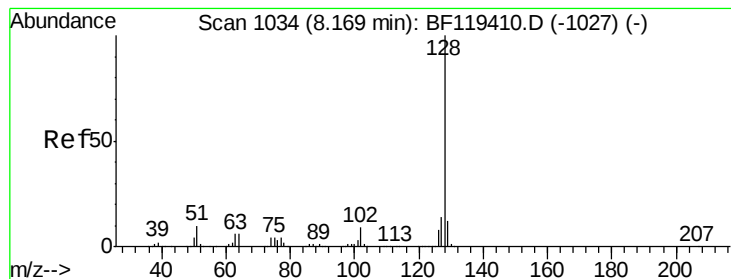
Abundance

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: 40.644 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

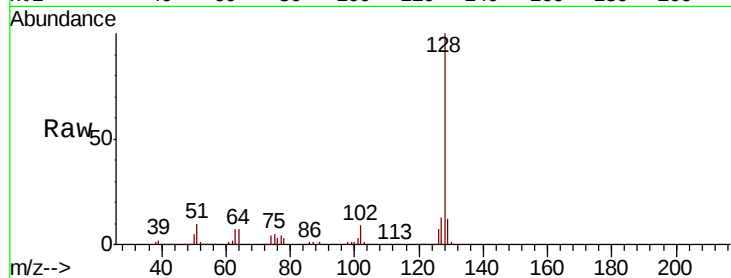
Tot Ion:128 Resp: 1410122

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

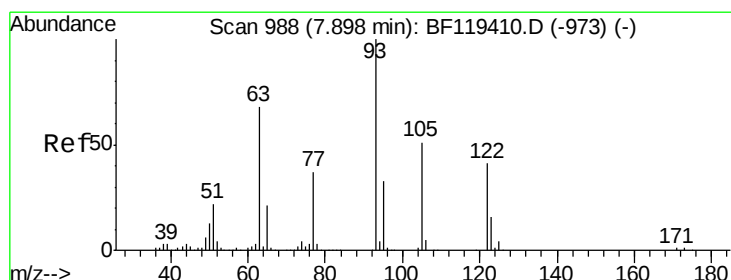
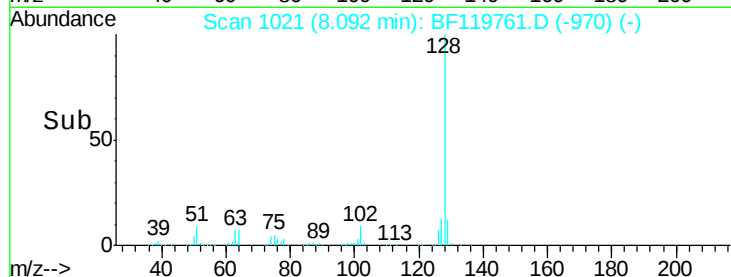
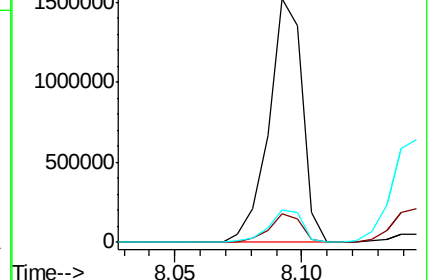
127 13.3 11.3 16.9



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: 46.864 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

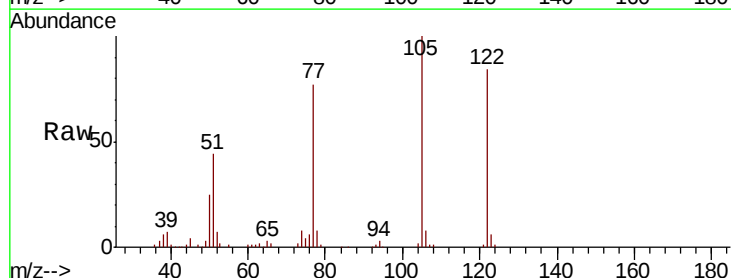
Tgt Ion:122 Resp: 325369

Ion Ratio Lower Upper

122 100

105 118.6 104.9 144.9

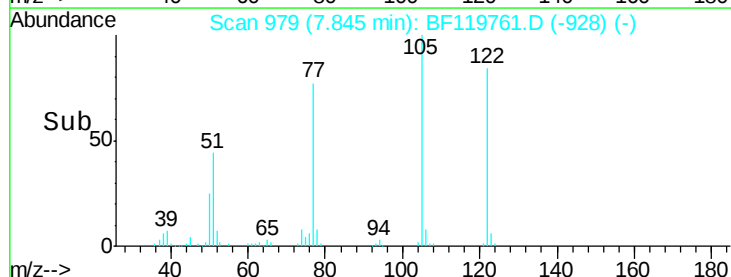
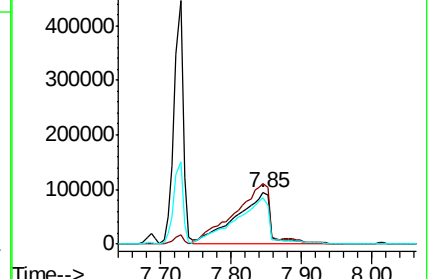
77 91.6 74.4 114.4

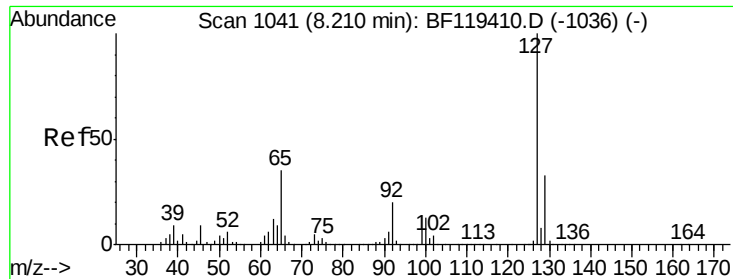


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

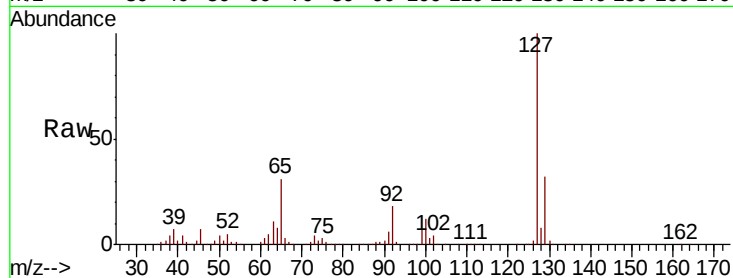




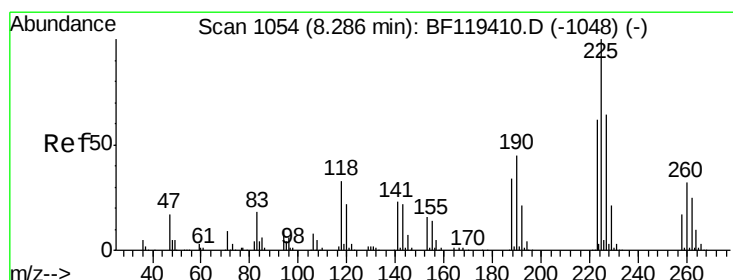
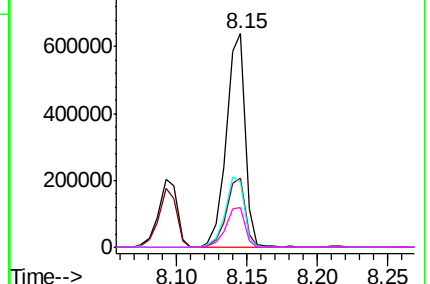
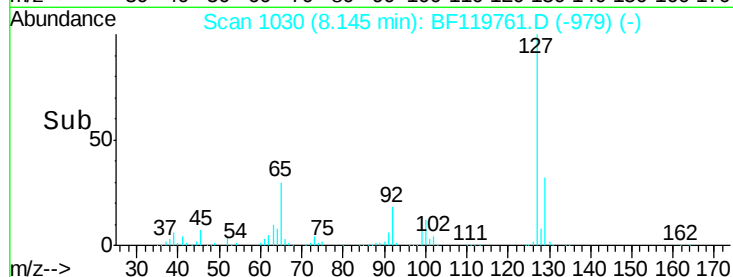
#33
4-Chloroaniline
Concen: 37.427 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	594987
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.2 39.4
65	30.6	27.4 41.0
92	18.3	15.3 22.9

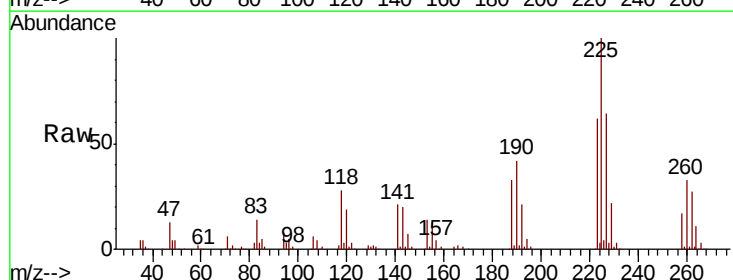


Abundance Ion 127.00 (126.70 to 127.70): E
1000000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

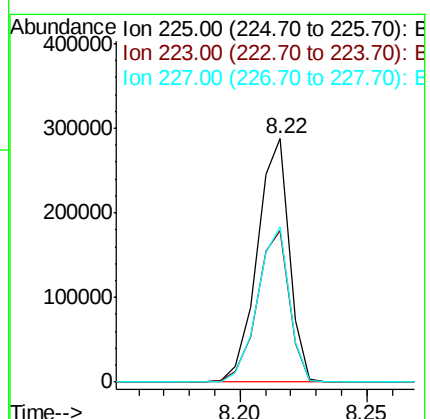
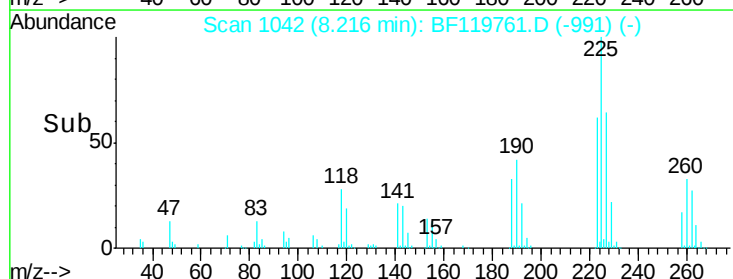


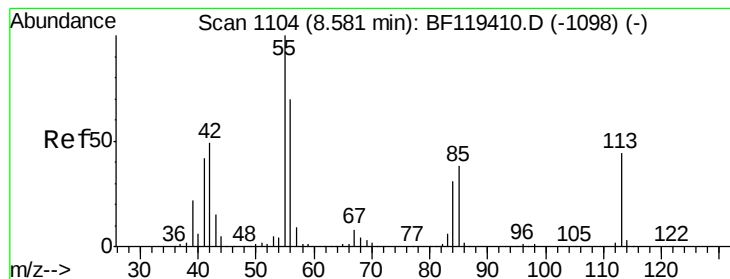
#34
Hexachlorobutadiene
Concen: 41.343 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:225	Resp:	253695
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.0 76.6
227	63.9	50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.831 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

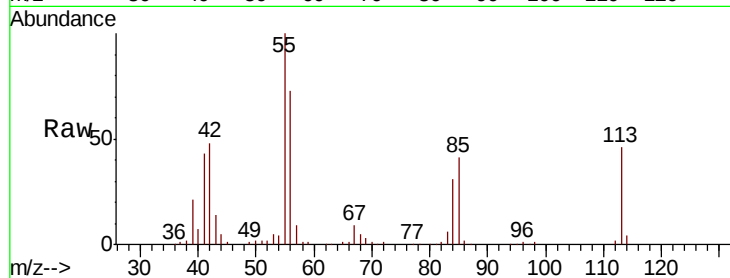
Tot Ion:113 Resp: 126033

Ion Ratio Lower Upper

113 100

55 217.4 218.4 258.4#

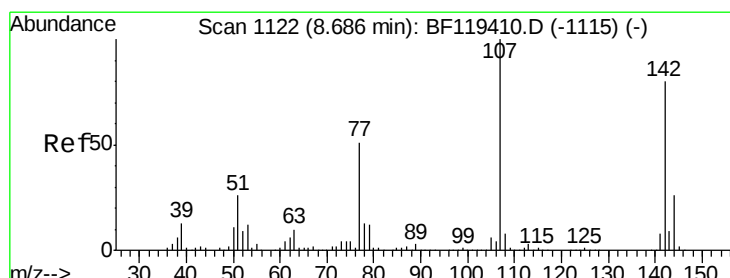
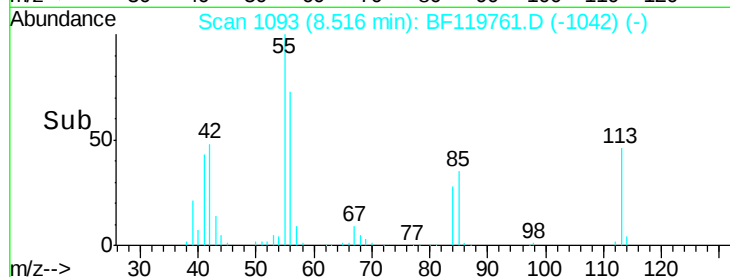
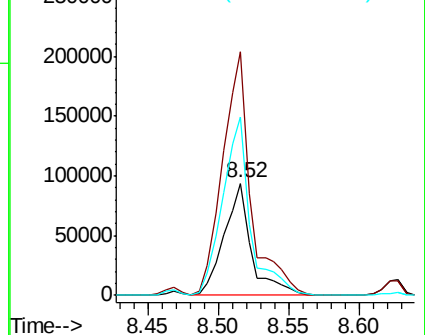
56 159.2 148.9 188.9



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: 40.201 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

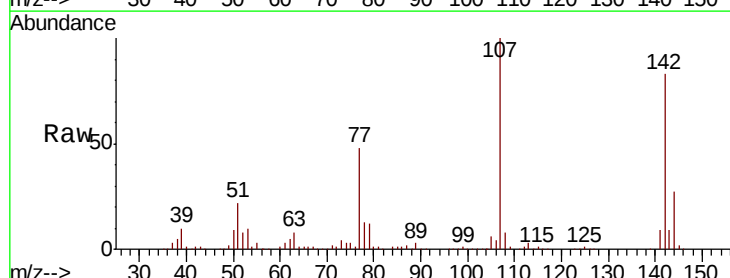
Tgt Ion:107 Resp: 435744

Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.6

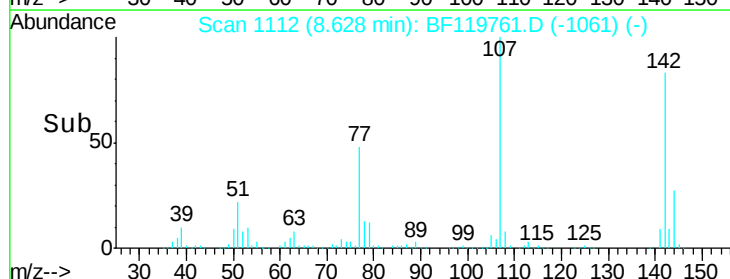
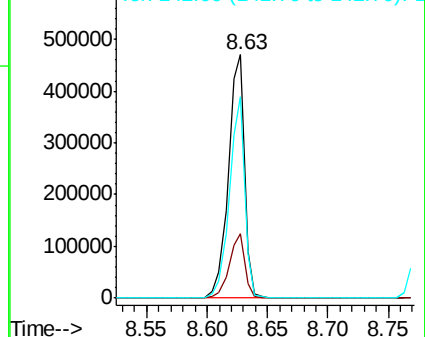
142 82.8 64.4 96.6

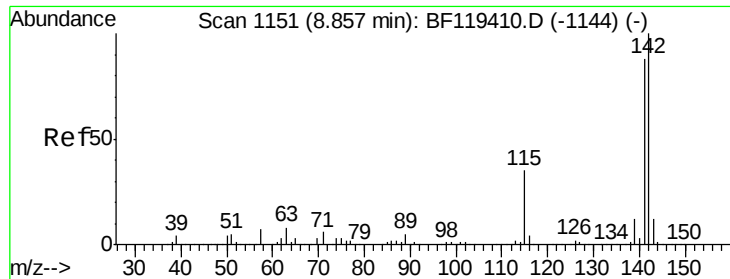


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

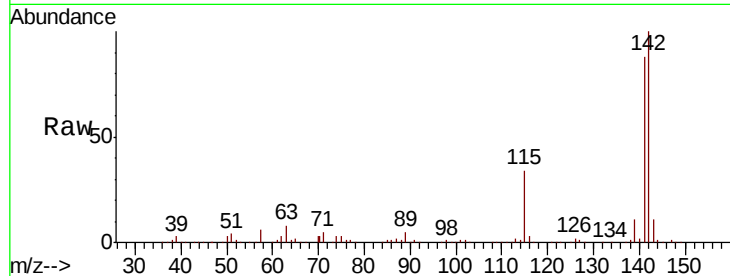




#37
2-Methylnaphthalene
Concen: 40.354 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.7	107.5
115	33.6	27.9	41.9

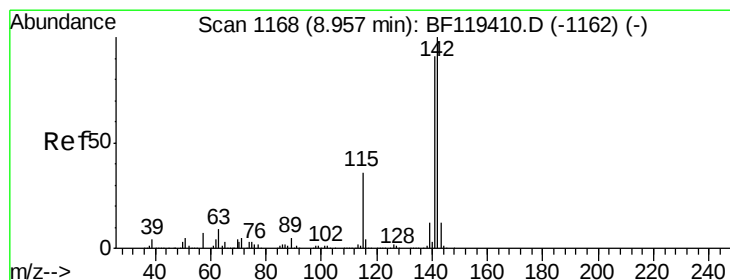
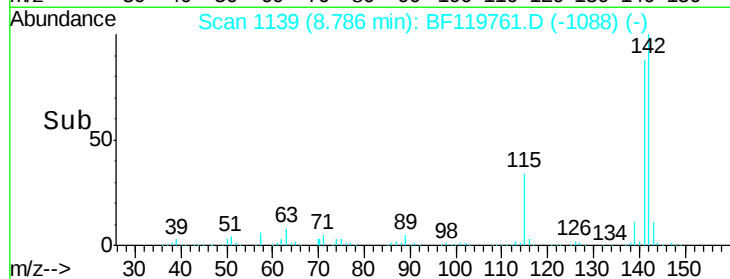
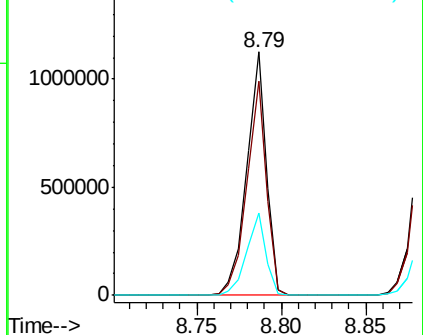


Abundance

Ion 142.00 (141.70 to 142.70): E

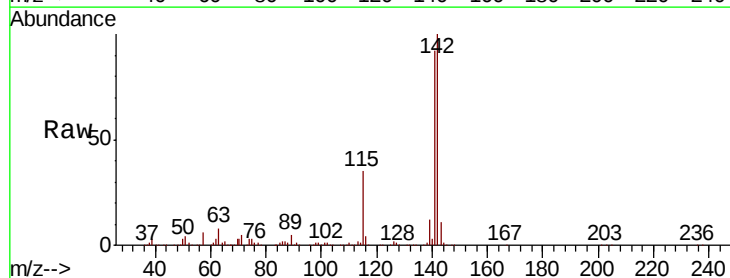
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.152 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	3.6	3.0	4.6

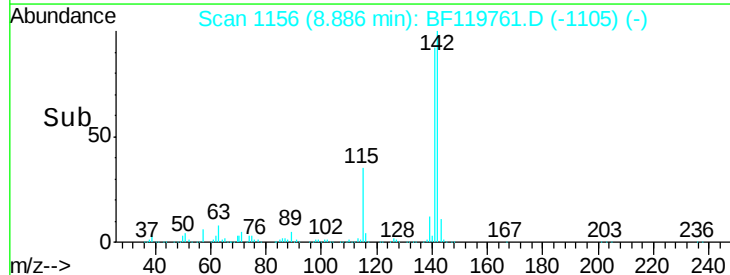
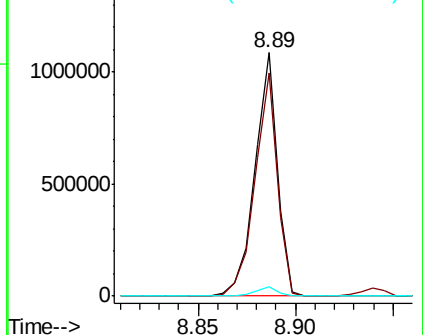


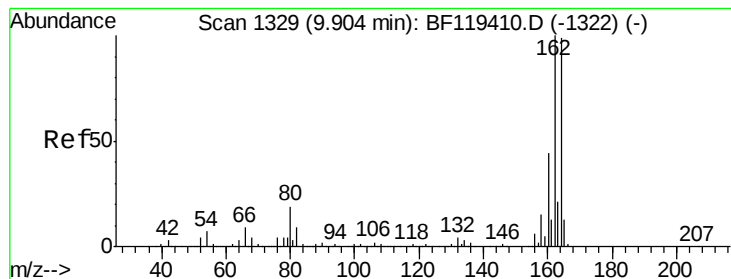
Abundance

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: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

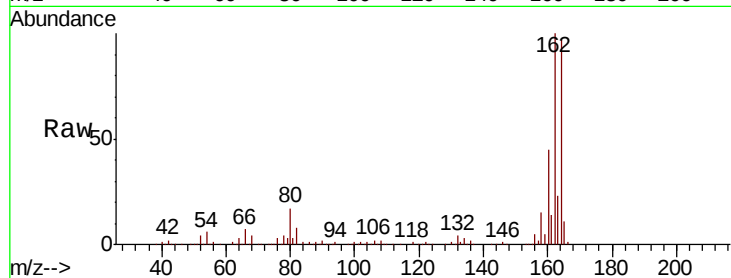
Tot Ion:164 Resp: 325649

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

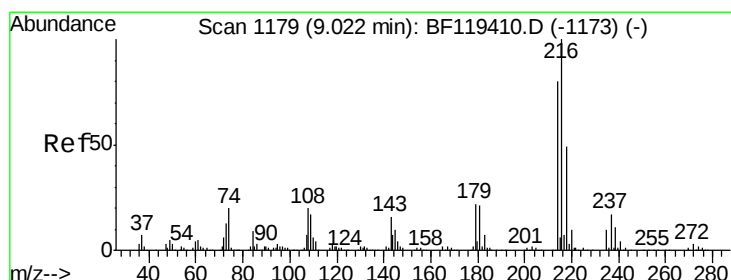
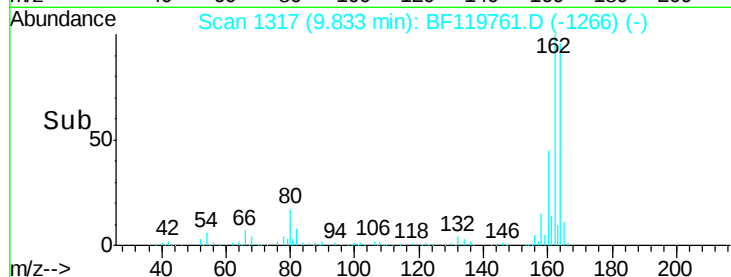
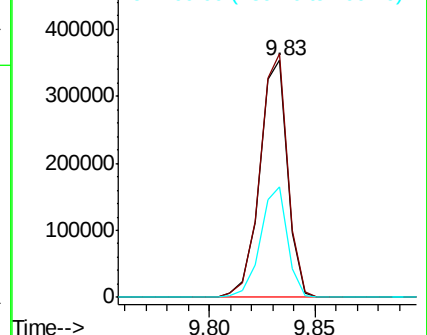
160 46.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.037 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Tgt Ion:216 Resp: 410785

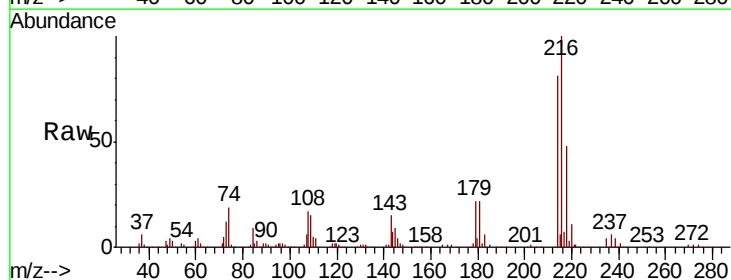
Ion Ratio Lower Upper

216 100

214 79.6 63.2 94.8

179 21.4 17.1 25.7

108 17.8 15.1 22.7

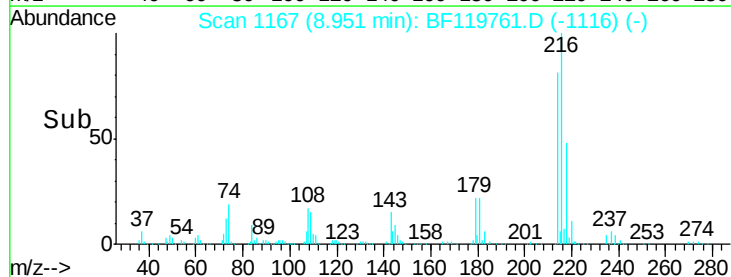
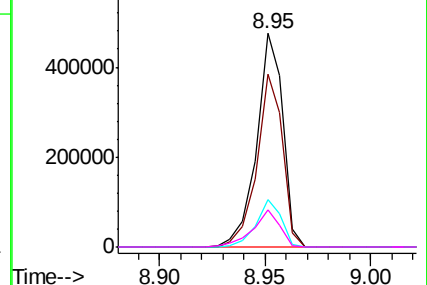


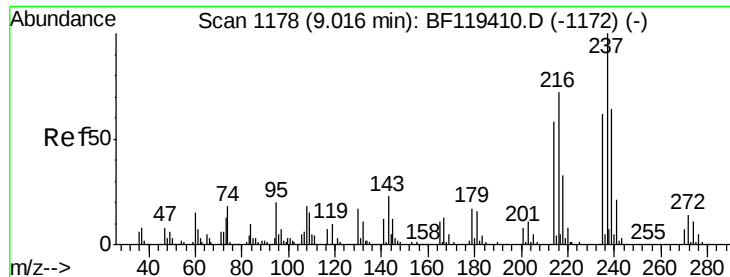
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.857 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

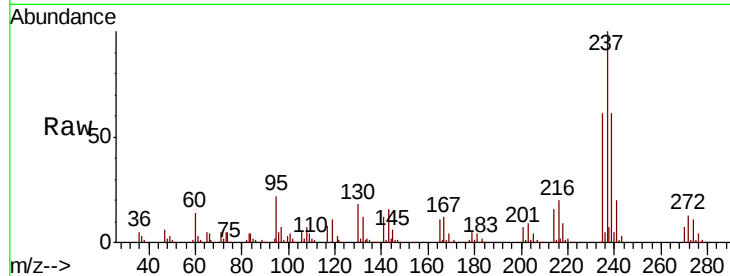
Tot Ion:237 Resp: 237988

Ion Ratio Lower Upper

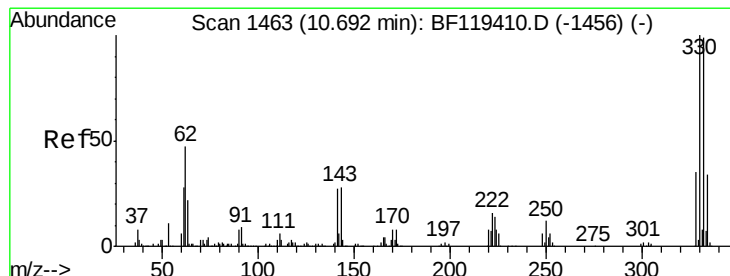
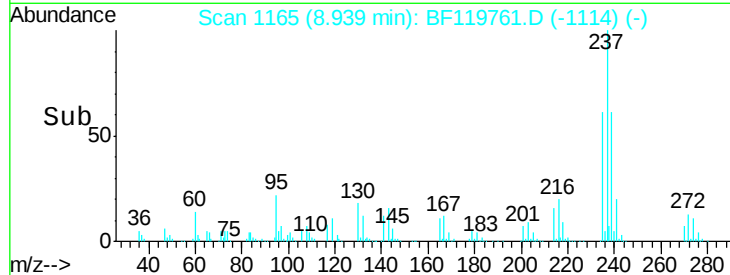
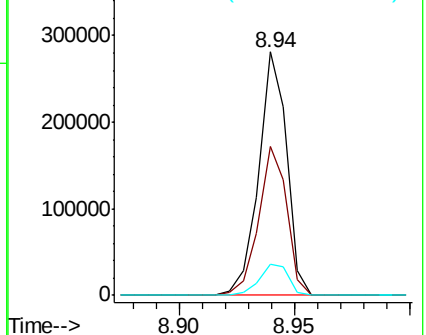
237 100

235 61.3 43.2 83.2

272 12.7 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: 100.349 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

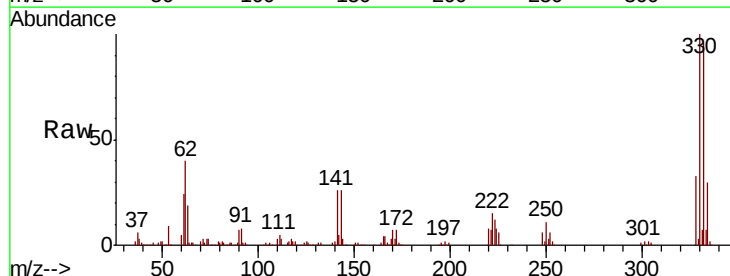
Tgt Ion:330 Resp: 337134

Ion Ratio Lower Upper

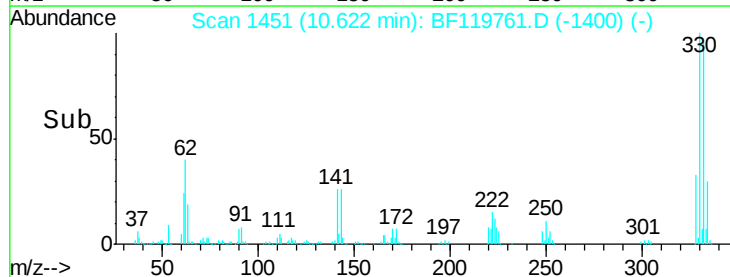
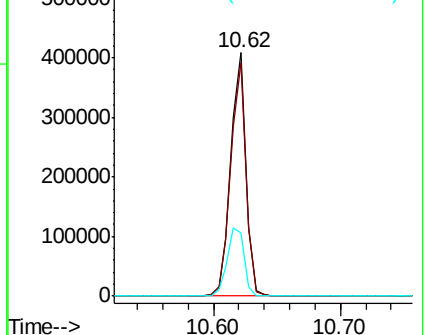
330 100

332 96.8 75.7 113.5

141 31.3 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

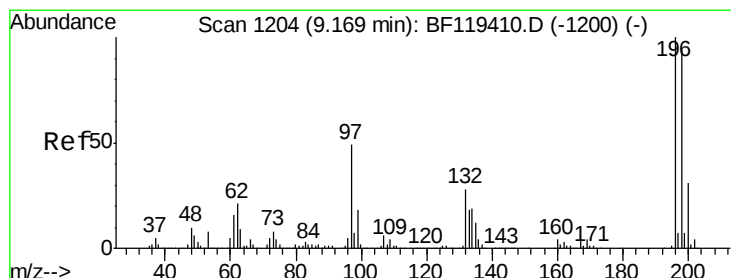
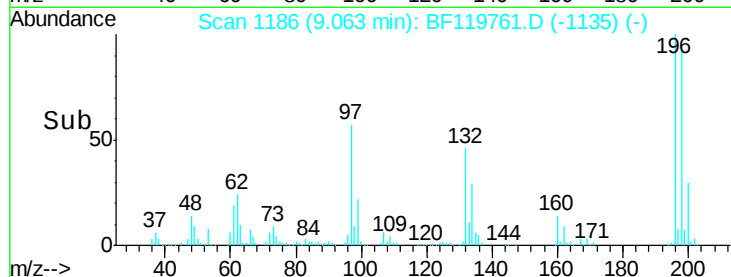
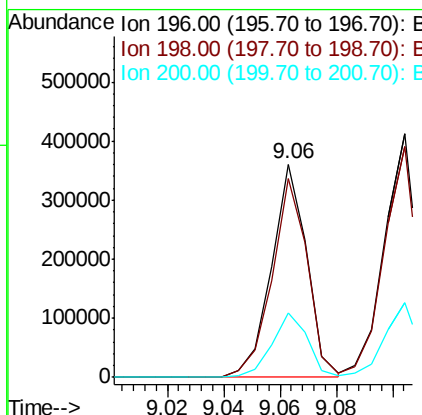
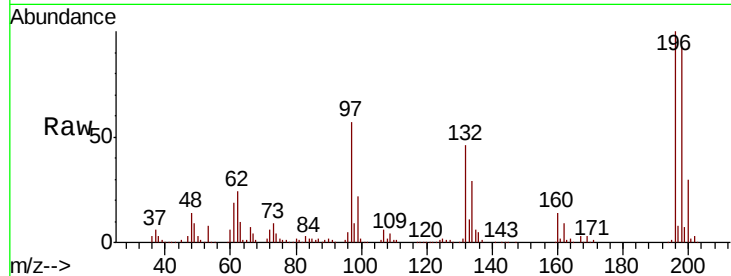




#43
 2,4,6-Trichlorophenol
 Concen: 45.689 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

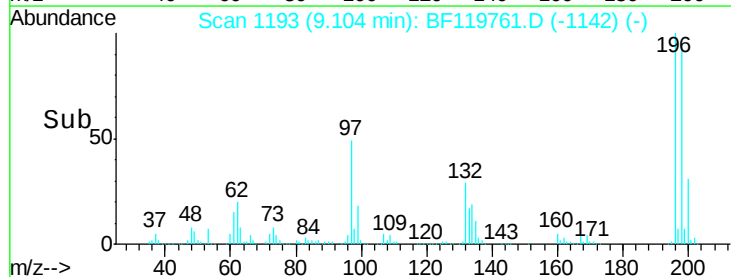
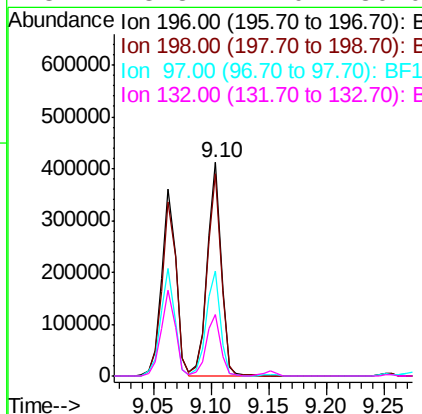
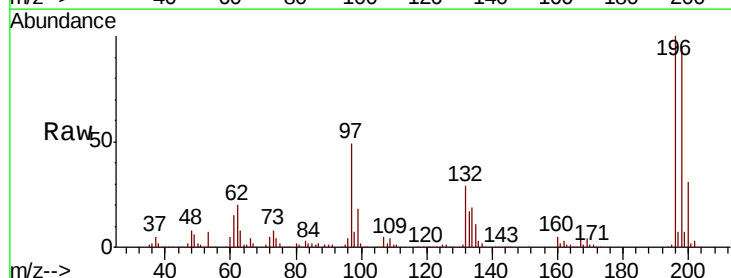
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

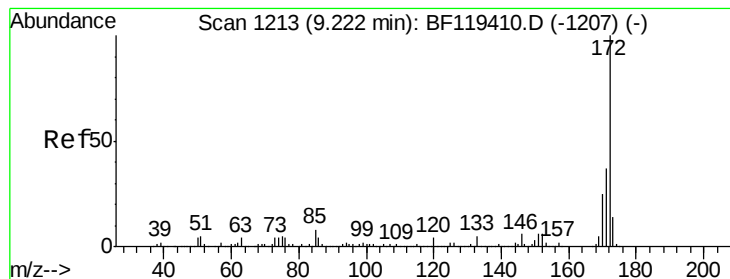
Tot Ion:196 Resp: 312087
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.6 115.0
 200 30.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.358 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion:196 Resp: 347077
 Ion Ratio Lower Upper
 196 100
 198 94.7 73.8 110.8
 97 48.9 42.6 63.8
 132 28.8 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 85.430 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

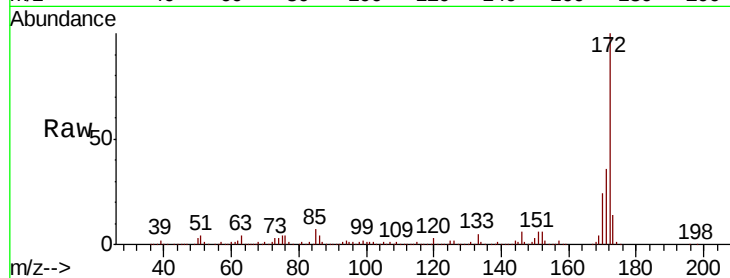
Tot Ion:172 Resp: 1877872

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

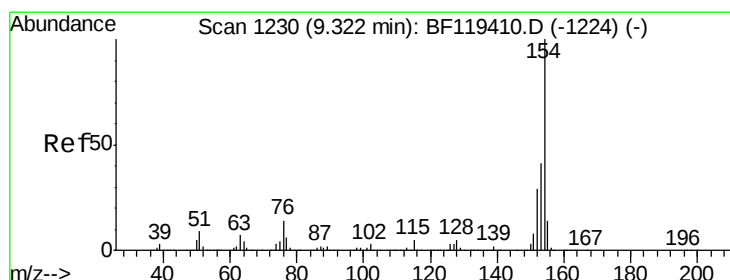
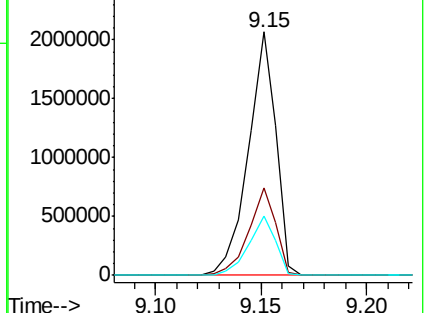
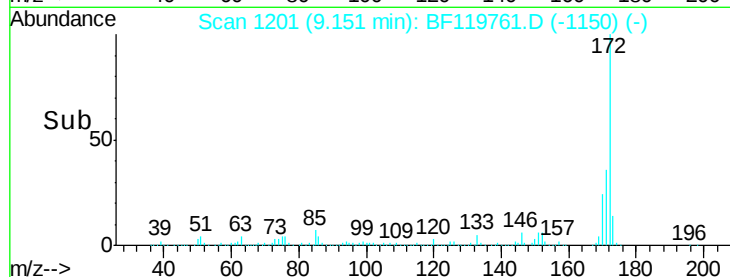
170 24.1 20.2 30.2



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: 42.806 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

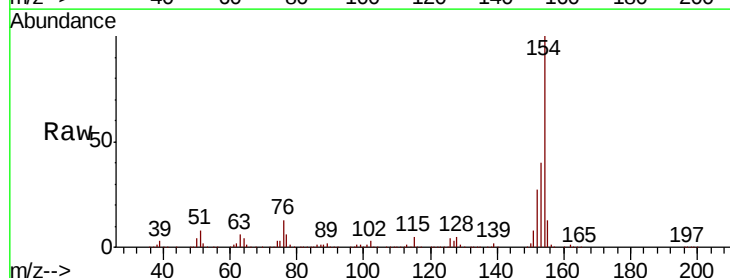
Tgt Ion:154 Resp: 1135315

Ion Ratio Lower Upper

154 100

153 40.2 21.4 61.4

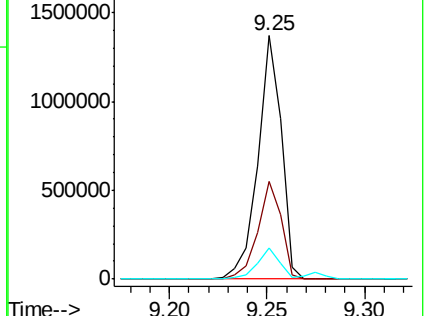
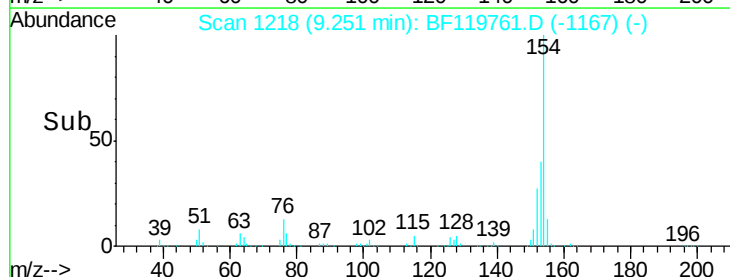
76 12.6 0.0 33.0

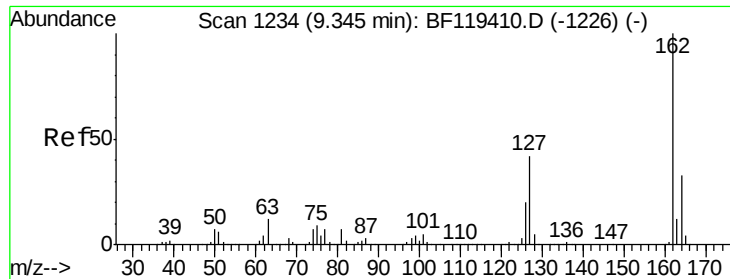


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

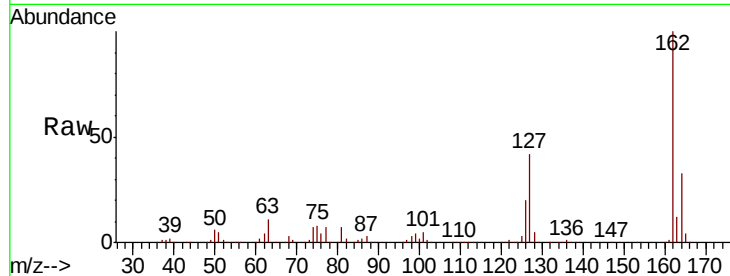




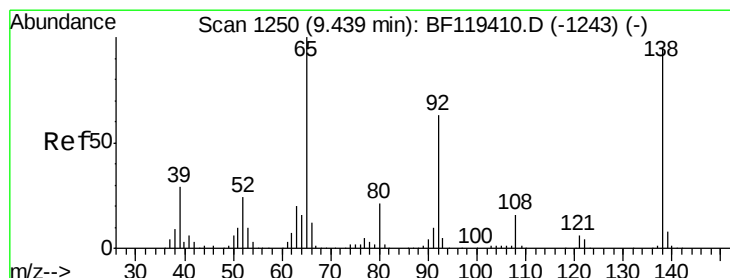
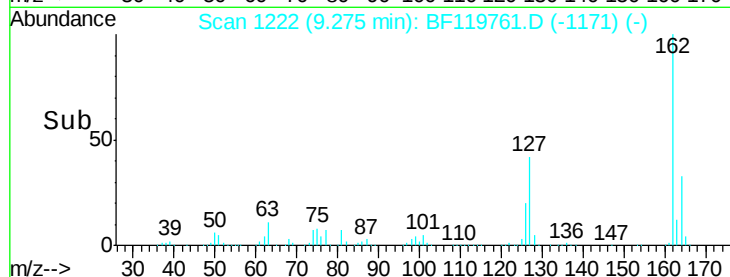
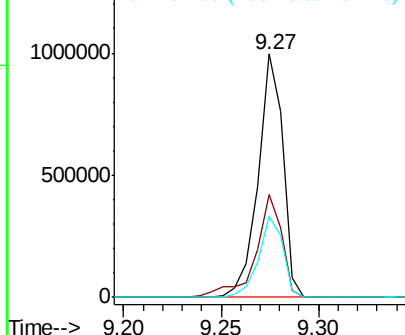
#47
 2-Chloronaphthalene
 Concen: 42.049 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 873572
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.7 50.5
 164 33.3 26.3 39.5

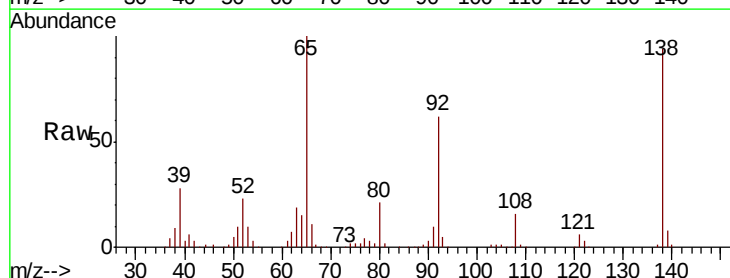


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

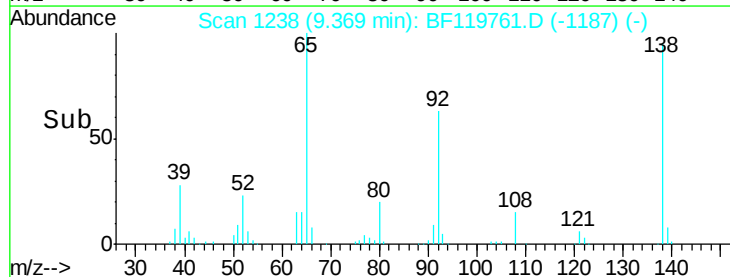
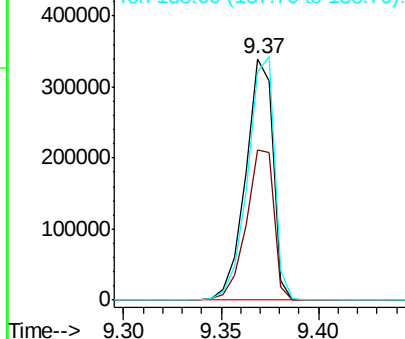


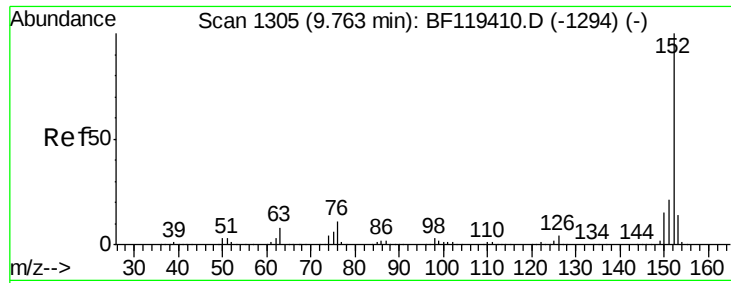
#48
 2-Nitroaniline
 Concen: 46.138 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion: 65 Resp: 330847
 Ion Ratio Lower Upper
 65 100
 92 62.4 50.0 75.0
 138 94.5 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.195 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

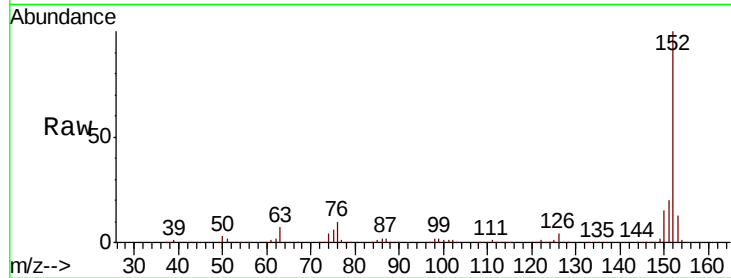
Tot Ion:152 Resp: 1343989

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

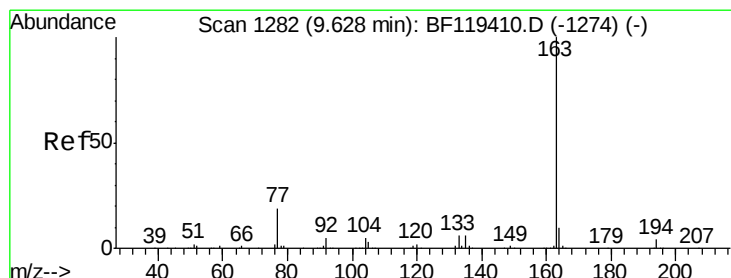
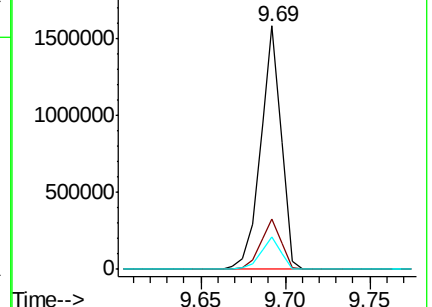
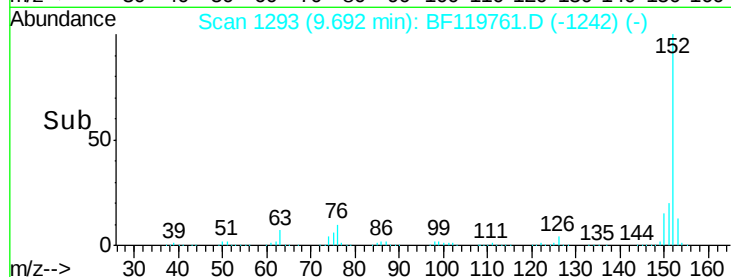
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.914 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

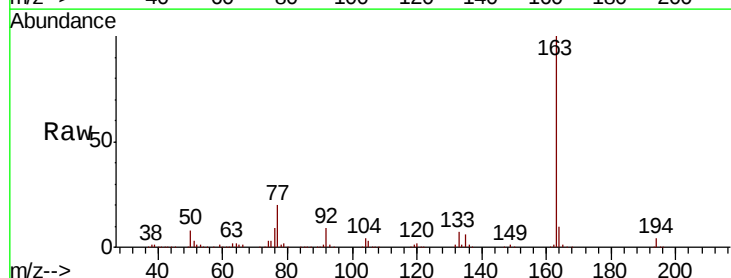
Tgt Ion:163 Resp: 969516

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

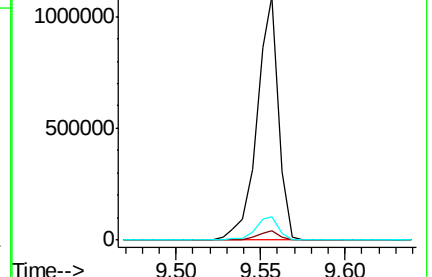
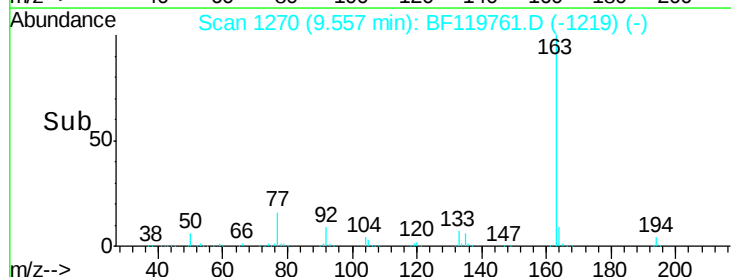
164 9.9 8.2 12.2

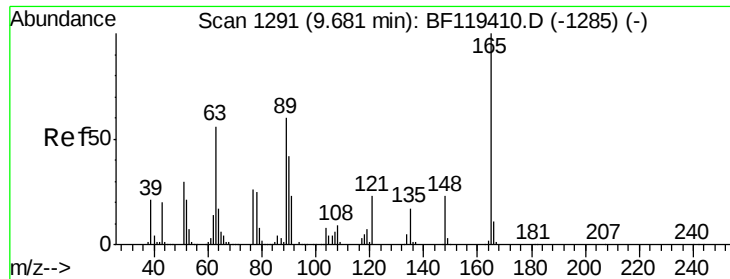


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

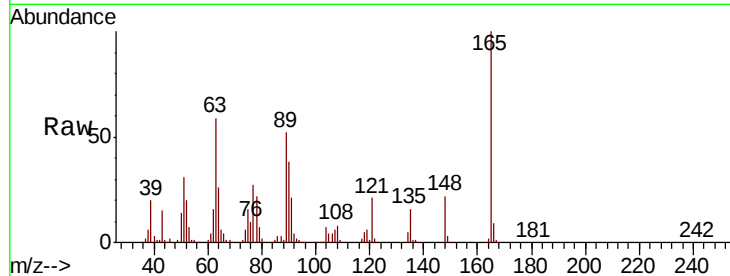




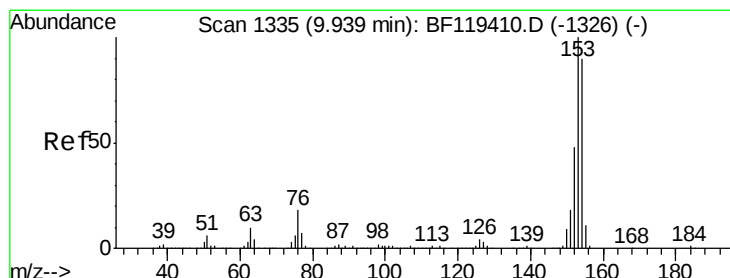
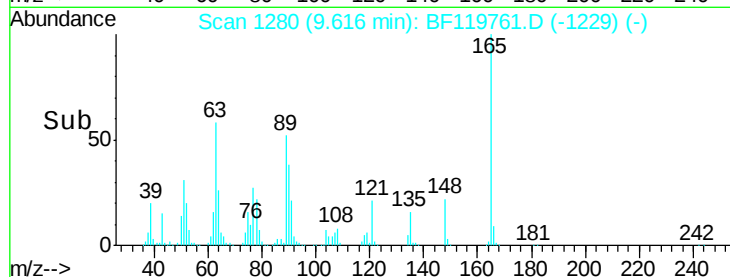
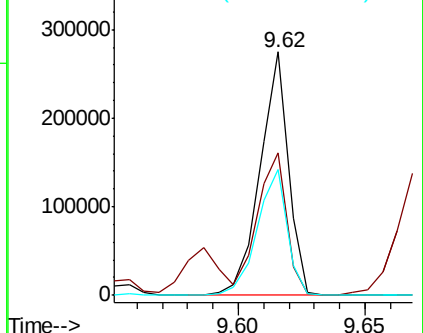
#51
2,6-Dinitrotoluene
Concen: 43.619 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 216263
Ion Ratio Lower Upper
165 100
63 58.6 45.0 67.4
89 51.8 41.5 62.3

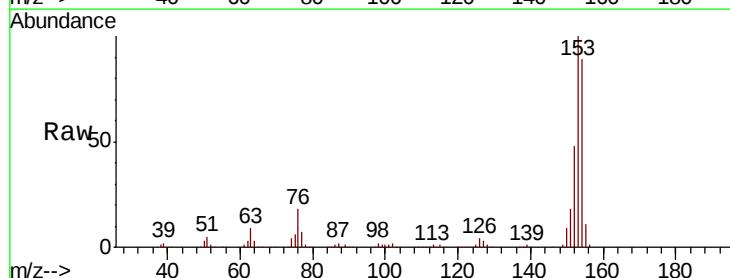


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

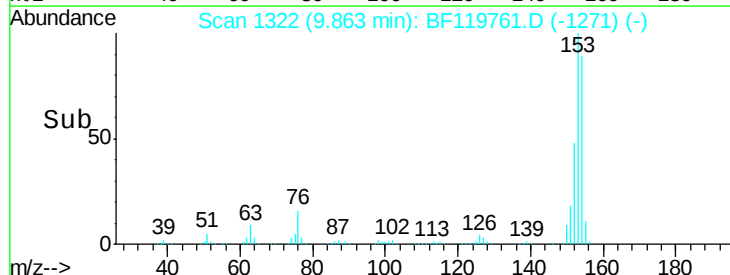
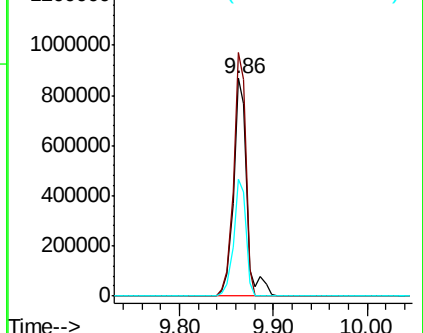


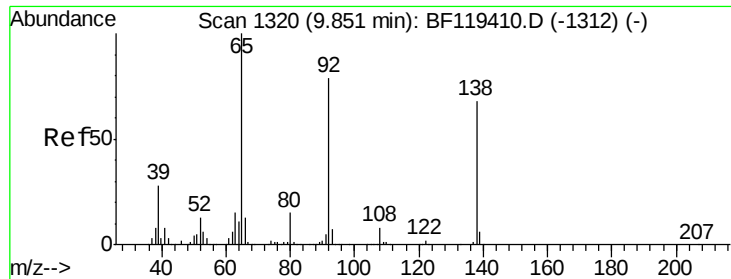
#52
Acenaphthene
Concen: 41.807 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:154 Resp: 850310
Ion Ratio Lower Upper
154 100
153 111.9 88.1 132.1
152 53.5 43.0 64.4



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

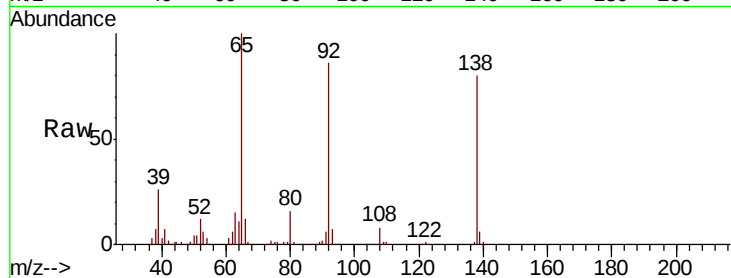




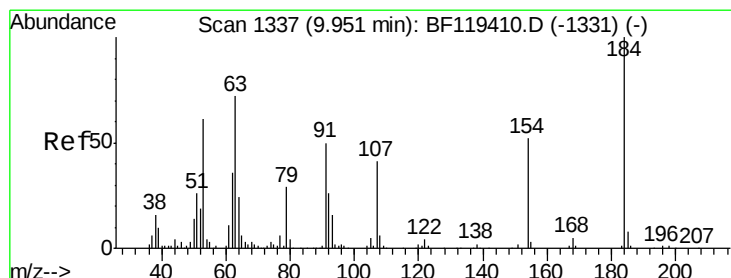
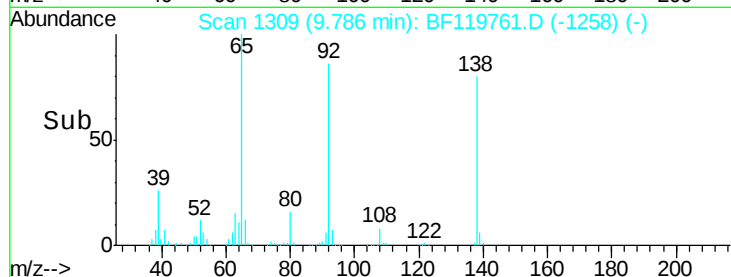
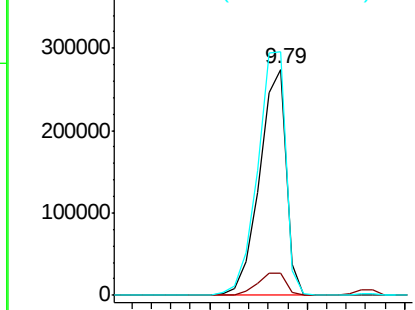
#53
 3-Nitroaniline
 Concen: 41.574 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 260229
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.6 13.0
 92 107.6 95.4 143.0

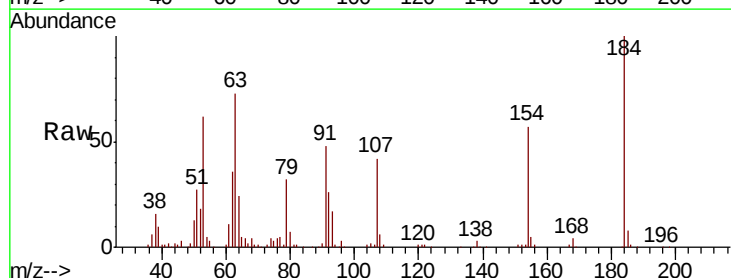


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

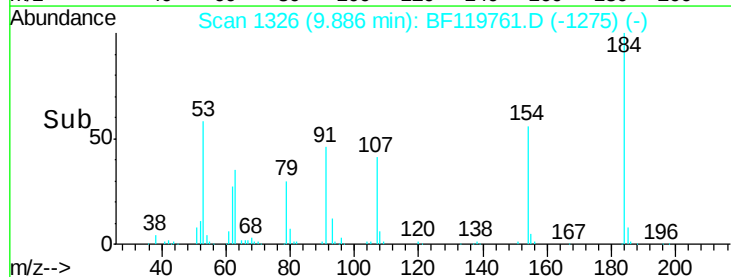
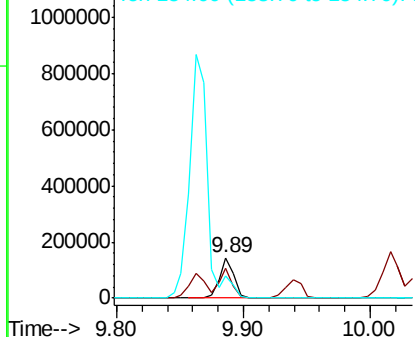


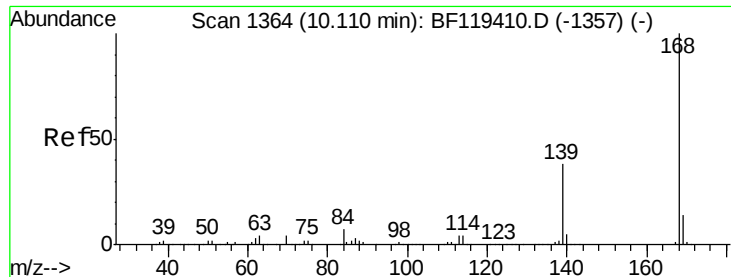
#54
 2,4-Dinitrophenol
 Concen: 57.085 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion:184 Resp: 117549
 Ion Ratio Lower Upper
 184 100
 63 73.1 50.2 75.4
 154 56.5 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

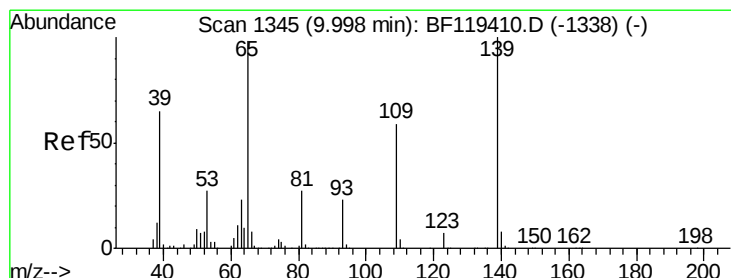
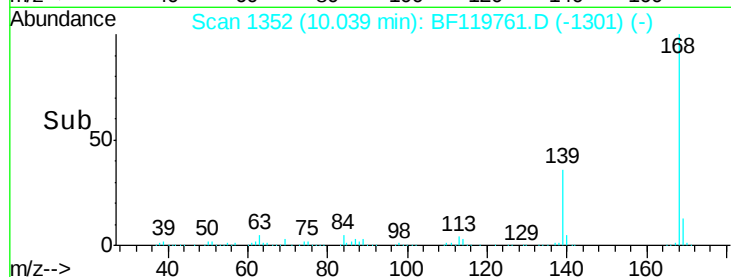
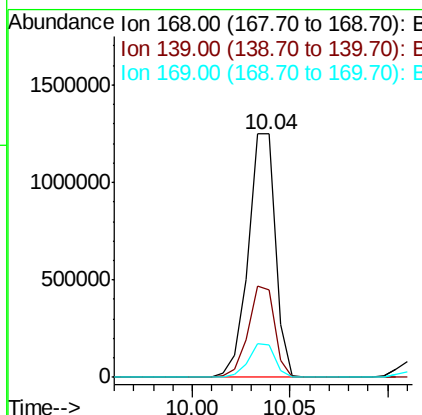
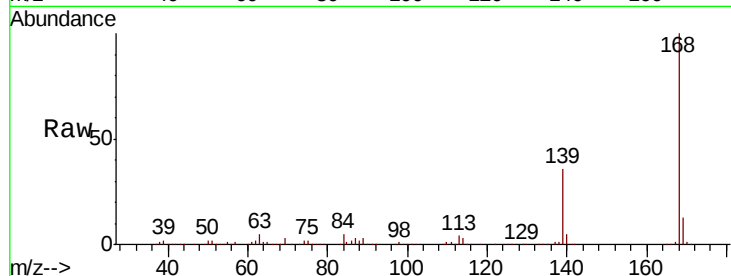




#55
Dibenzofuran
Concen: 41.320 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

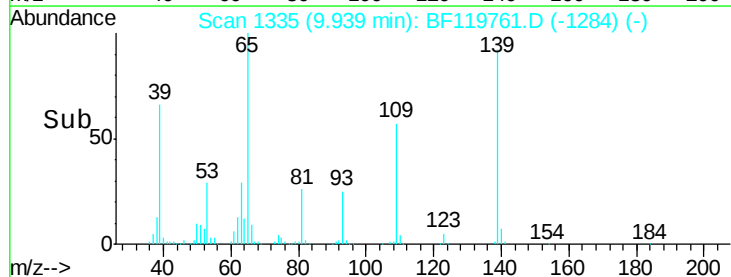
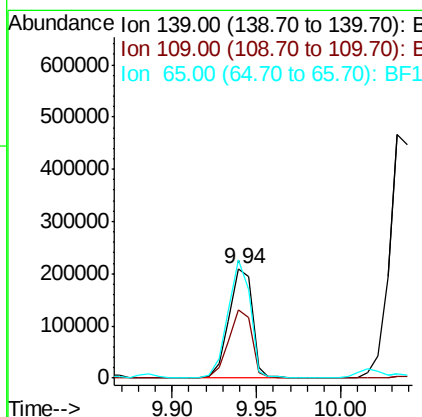
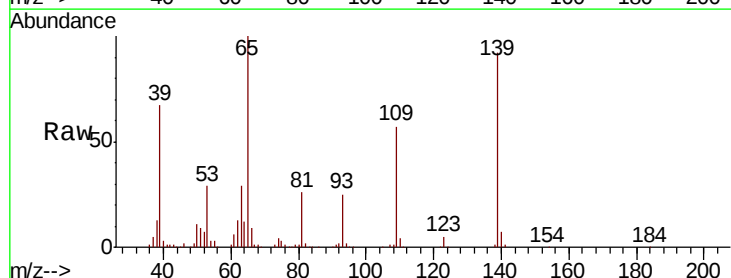
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

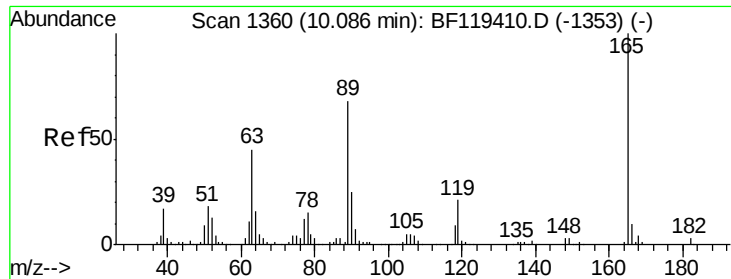
Tot Ion:168 Resp: 1204913
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 41.238 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:139 Resp: 203627
Ion Ratio Lower Upper
139 100
109 62.5 43.3 83.3
65 108.7 91.0 131.0

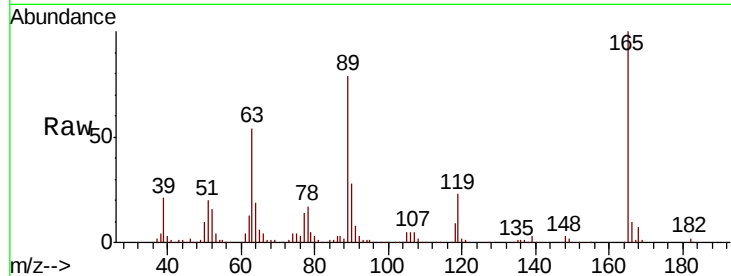




#57
2,4-Dinitrotoluene
Concen: 47.641 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	297551	
Ion Ratio	Lower	Upper	
165 100			
63 53.6	42.6	64.0	
89 78.7	61.0	91.4	
182 2.5	2.2	3.2	

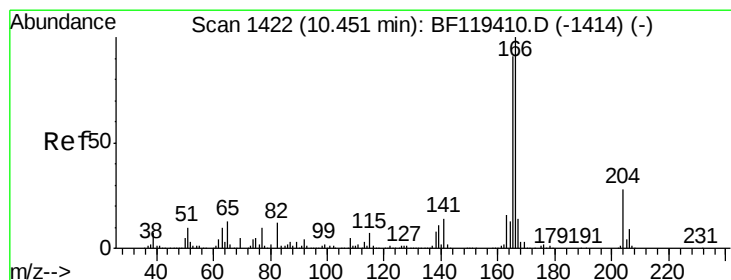
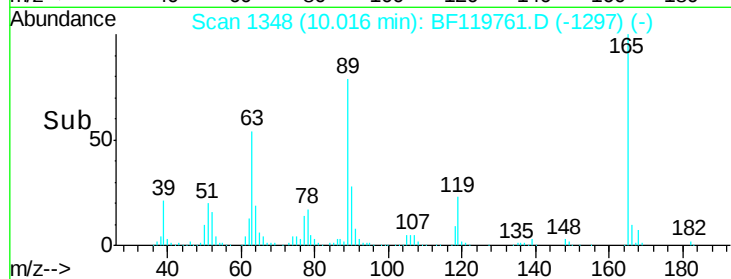
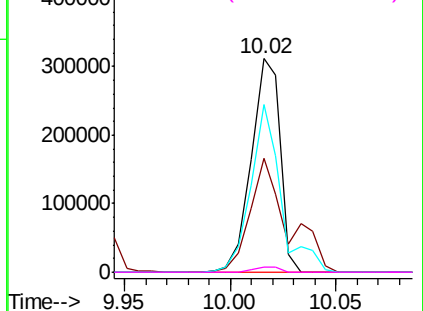


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

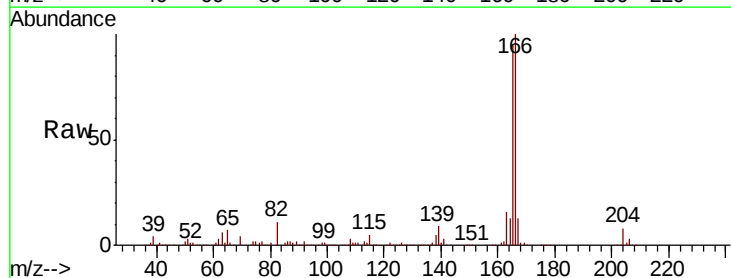
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.391 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

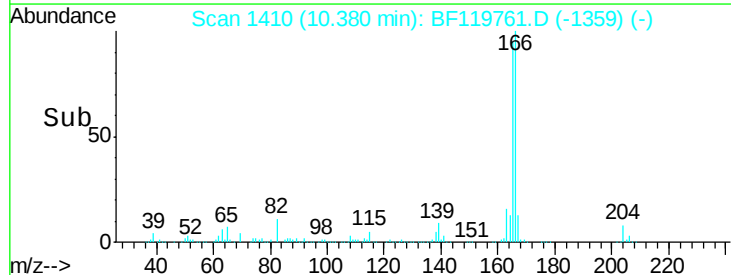
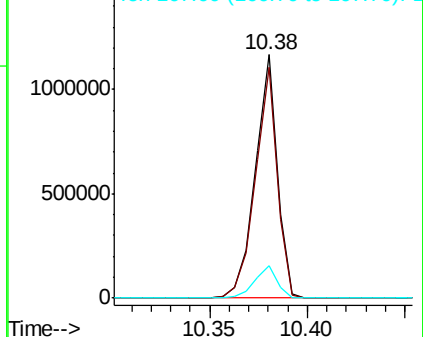
Tgt	Ion:166	Resp:	914127
Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.4	113.2
167	13.2	11.2	16.8

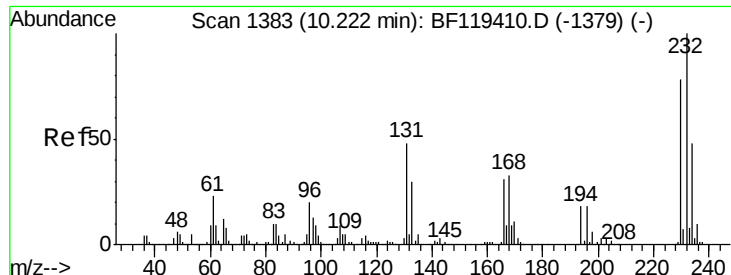


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

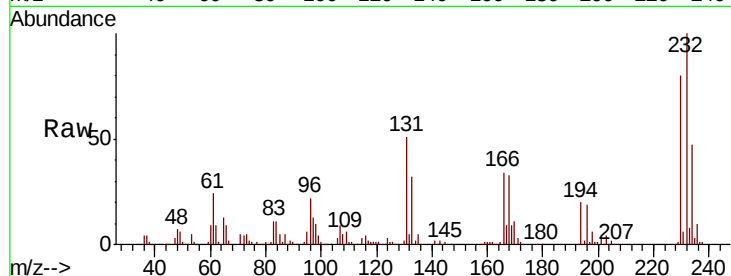




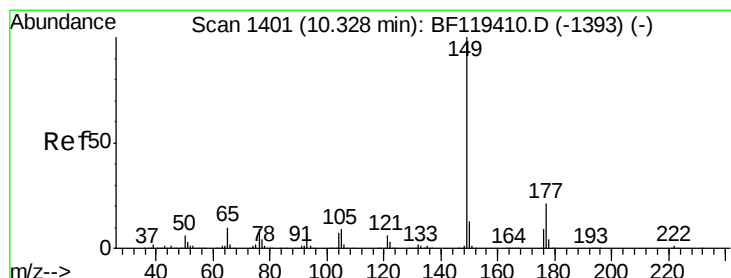
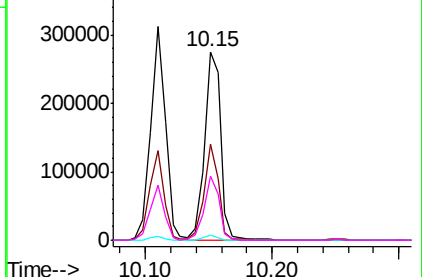
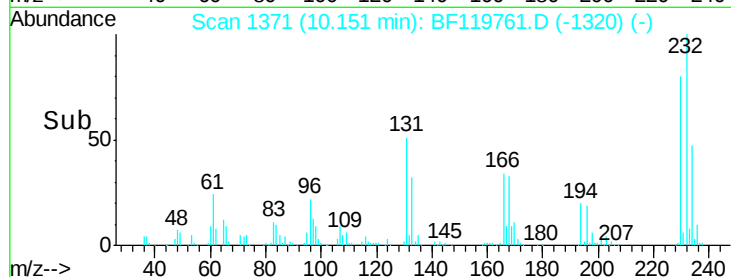
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.015 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 246030
 Ion Ratio Lower Upper
 232 100
 131 45.0 37.5 56.3
 130 2.2 1.8 2.6
 166 31.3 24.6 36.8

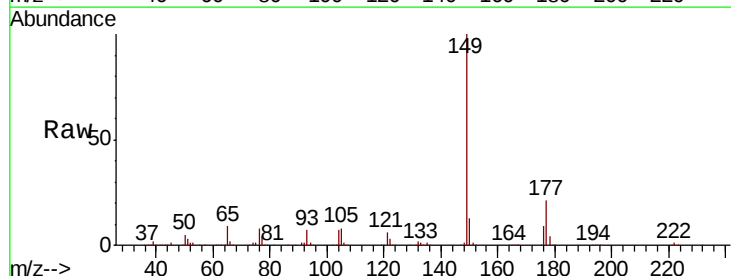


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

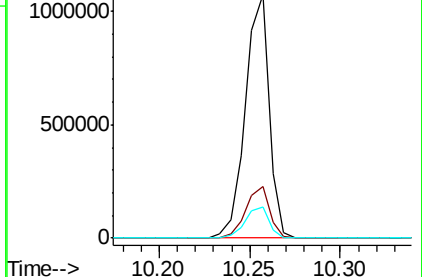
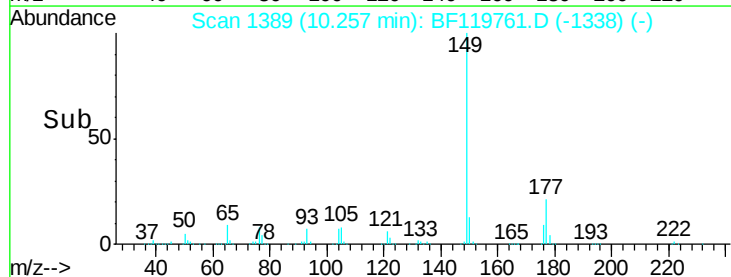


#60
 Diethylphthalate
 Concen: 41.763 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion:149 Resp: 980454
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.0 25.6
 150 12.6 10.1 15.1



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

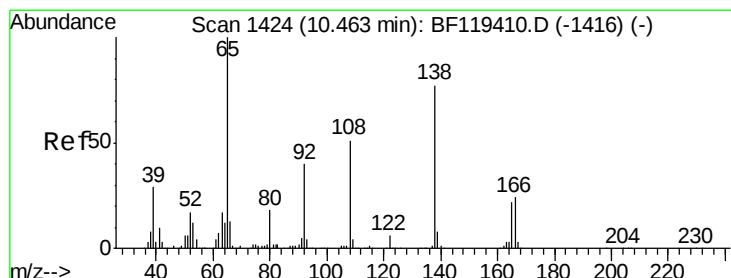
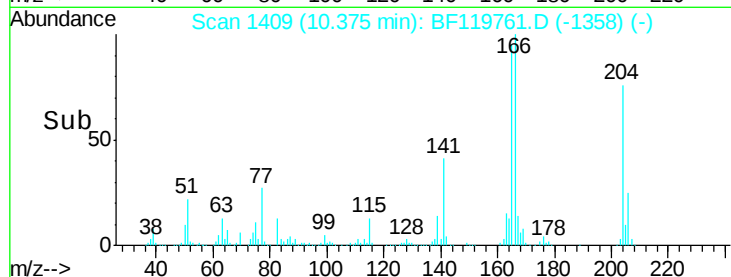
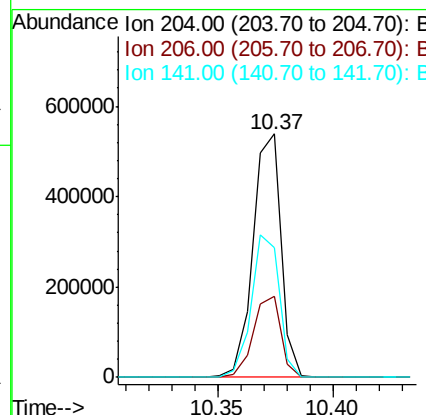
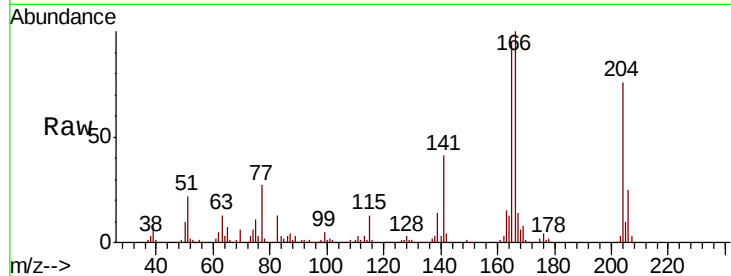




#61
4-Chlorophenyl-phenylether
Concen: 43.523 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

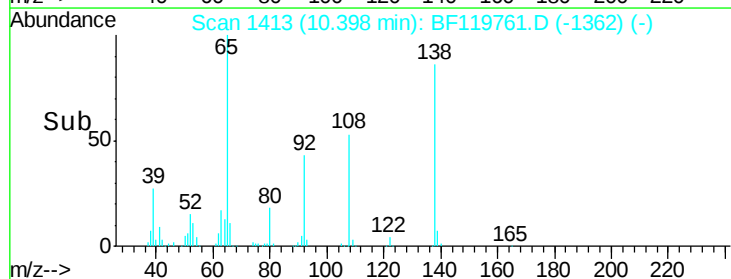
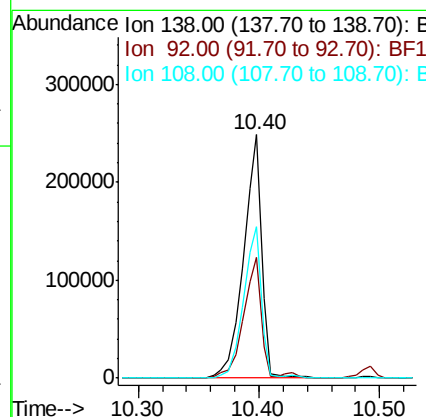
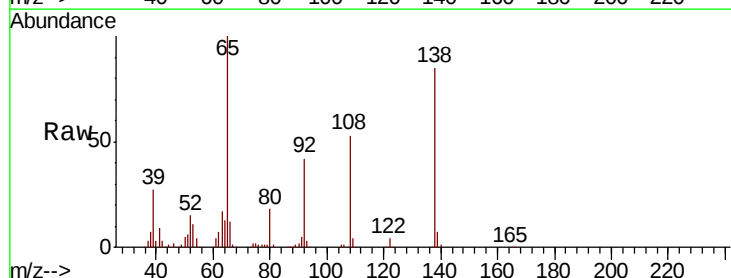
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

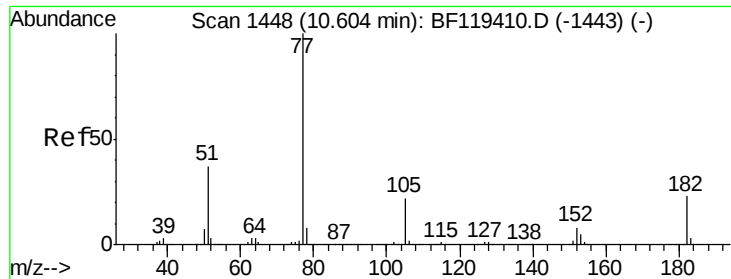
Tot Ion:204 Resp: 458960
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 53.0 47.3 70.9



#62
4-Nitroaniline
Concen: 43.544 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:138 Resp: 261368
Ion Ratio Lower Upper
138 100
92 49.8 31.5 71.5
108 62.1 45.8 85.8





#63

Azobenzene

Concen: 42.042 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 993926

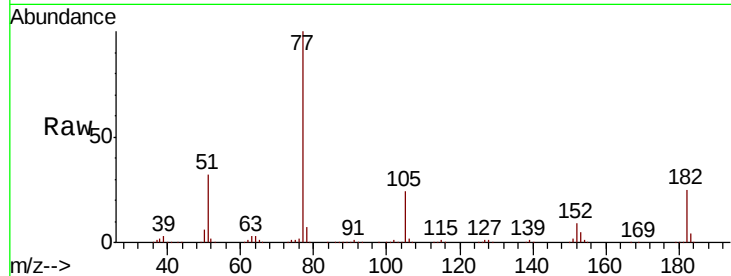
Ion Ratio Lower Upper

77 100

182 25.5 4.4 44.4

105 23.7 2.6 42.6

51 32.0 15.1 55.1

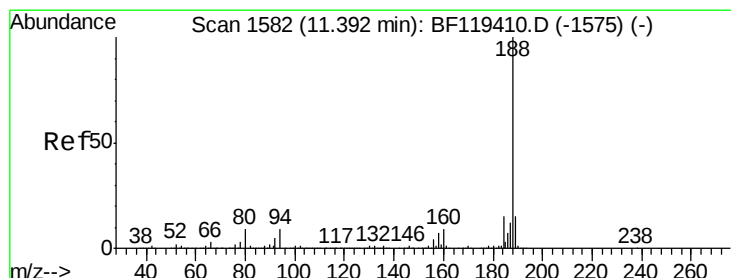
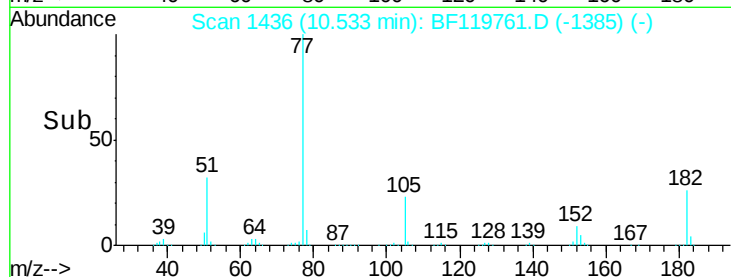
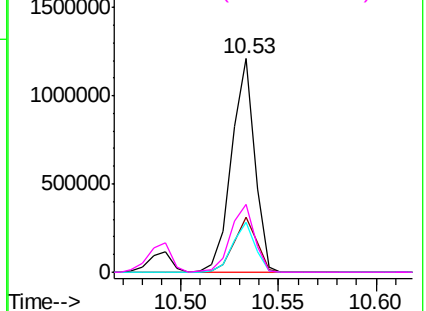


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

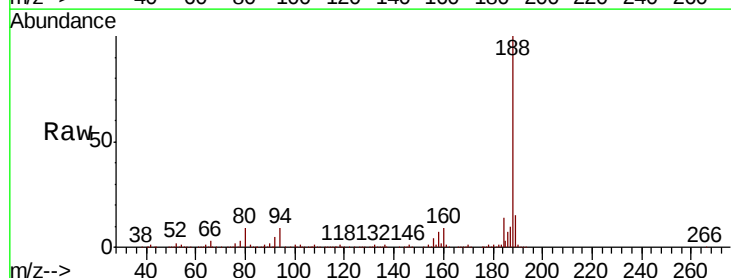
Tgt Ion: 188 Resp: 622267

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

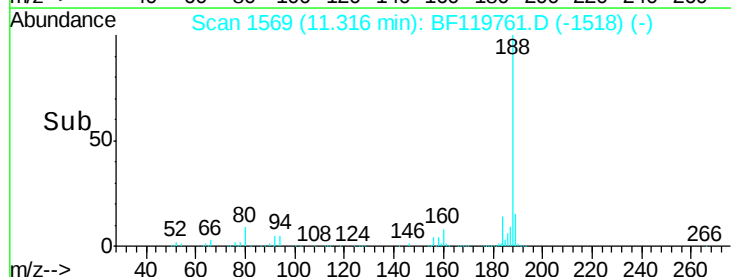
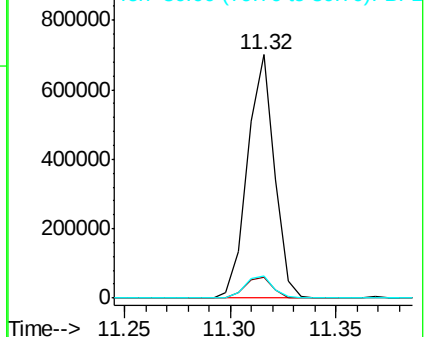
80 9.1 9.0 13.4



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: 64.229 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

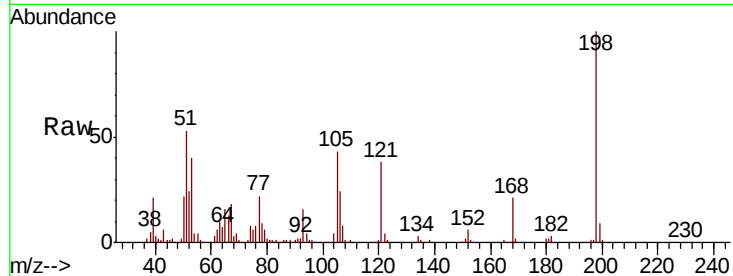
Tot Ion:198 Resp: 167595

Ion Ratio Lower Upper

198 100

51 53.0 29.0 69.0

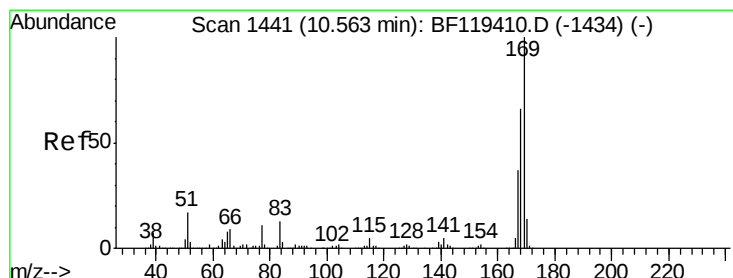
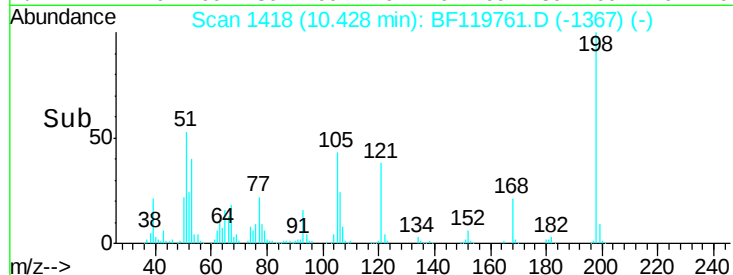
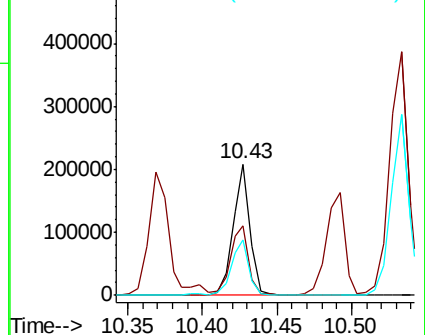
105 42.6 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.287 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

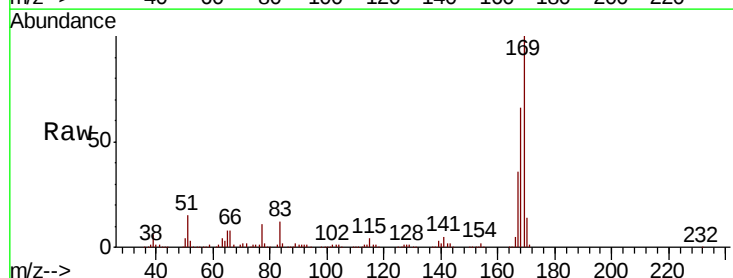
Tgt Ion:169 Resp: 884280

Ion Ratio Lower Upper

169 100

168 66.4 53.2 79.8

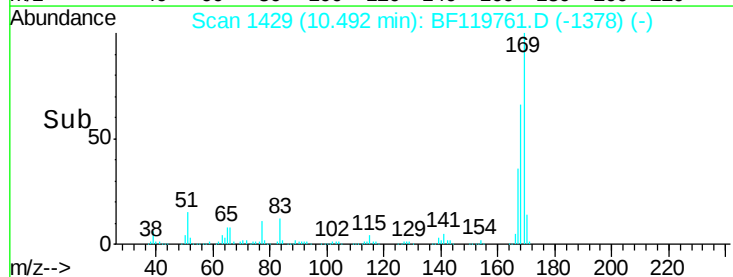
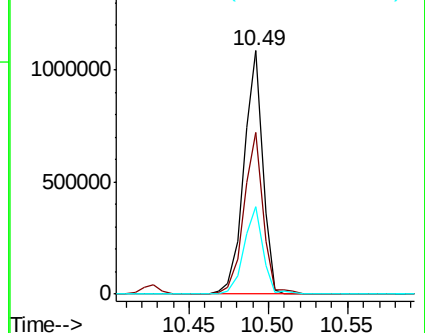
167 35.8 29.1 43.7

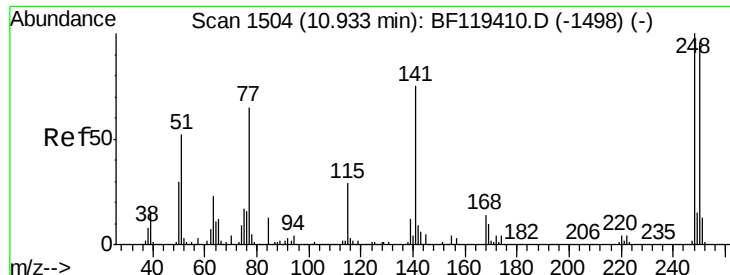


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

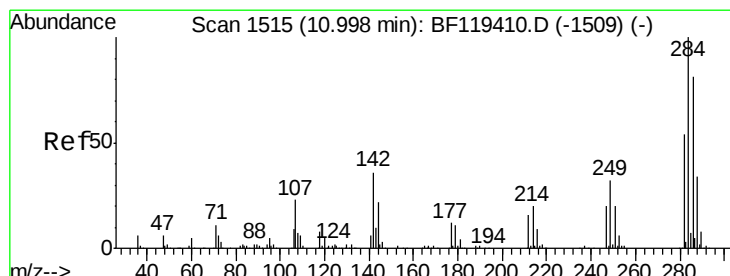
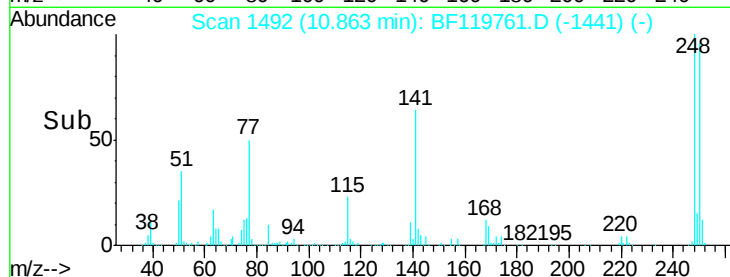
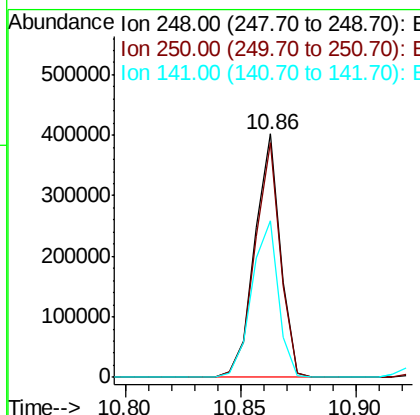
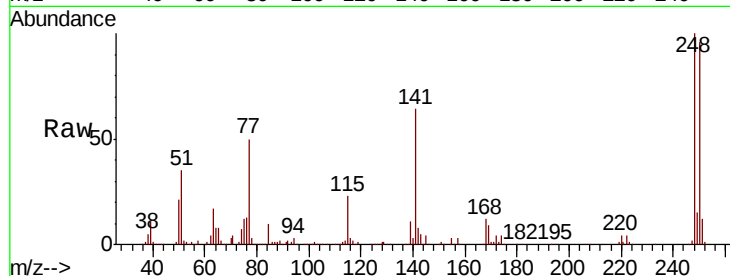




#67
 4-Bromophenyl-phenylether
 Concen: 44.208 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

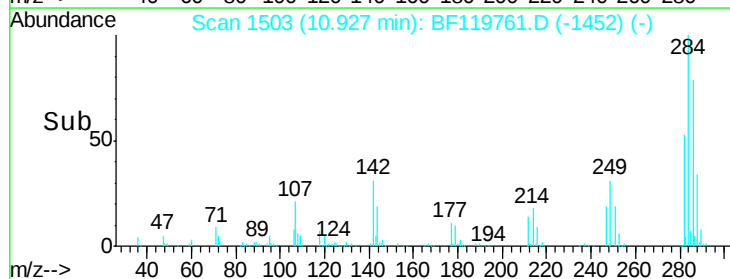
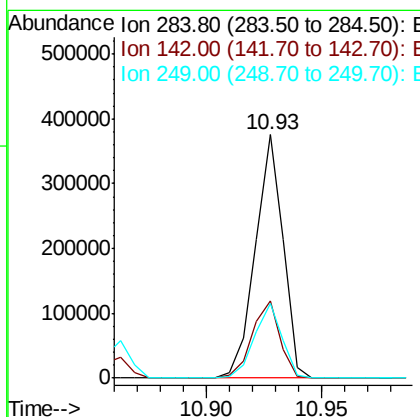
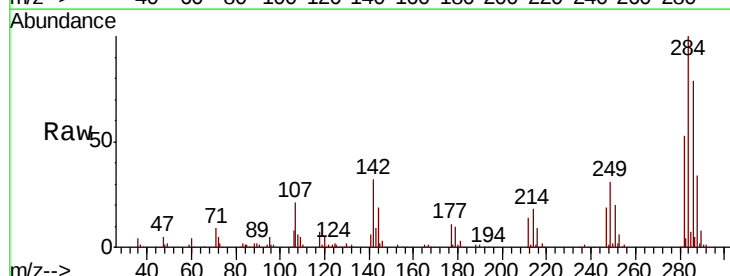
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

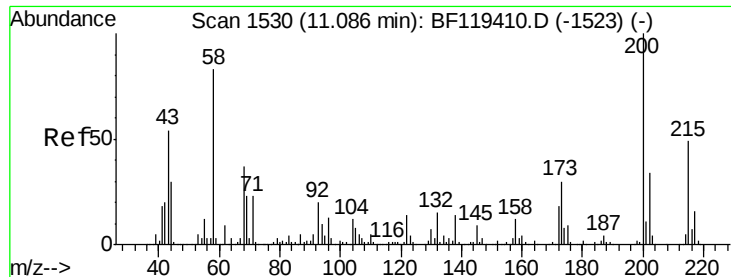
Tot Ion:248 Resp: 313291
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.3 115.9
 141 64.0 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 43.460 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion:284 Resp: 315222
 Ion Ratio Lower Upper
 284 100
 142 31.7 29.2 43.8
 249 30.9 25.1 37.7

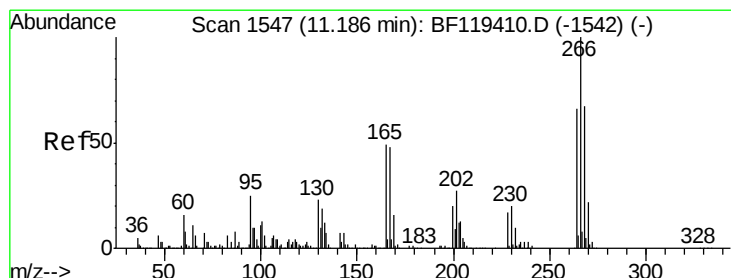
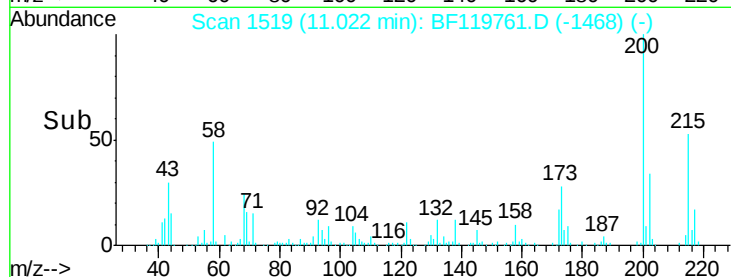
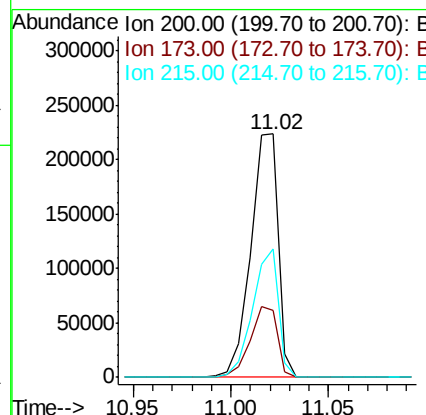
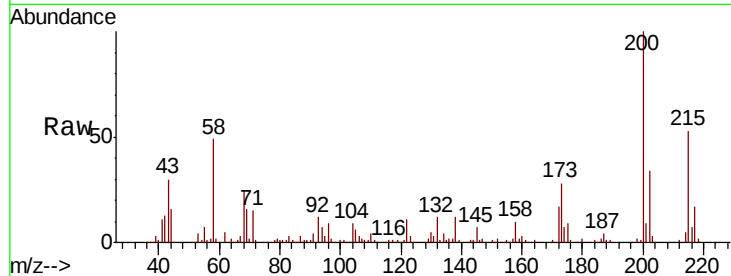




#69
 Atrazine
 Concen: 38.906 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

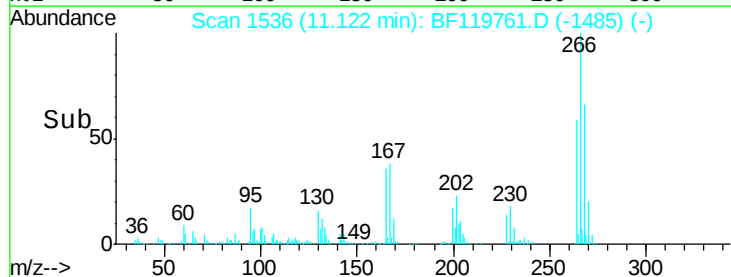
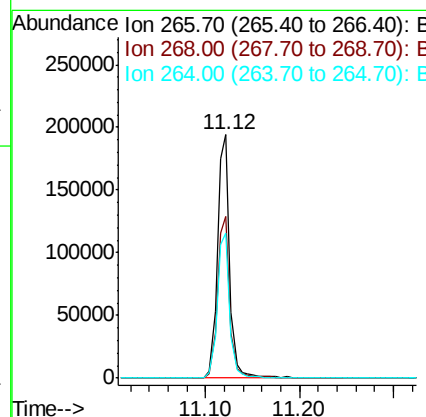
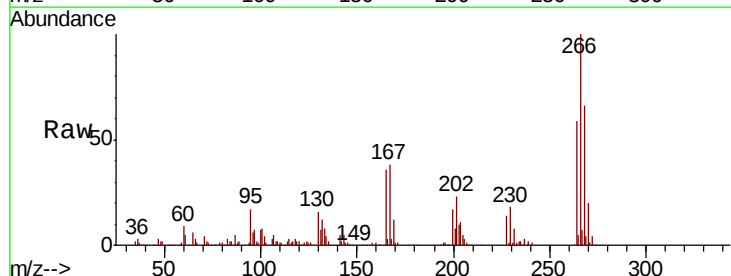
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

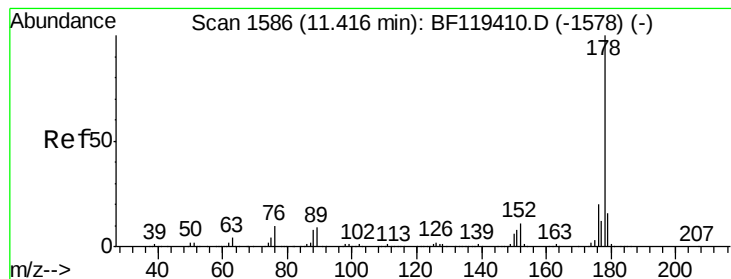
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.3	49.3
215	52.6	29.5	69.5



#70
 Pentachlorophenol
 Concen: 42.716 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF119761.D
 Acq: 6 Apr 2020 10:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	53.3	79.9
264	59.4	49.0	73.4





#71

Phenanthrene

Concen: 41.629 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

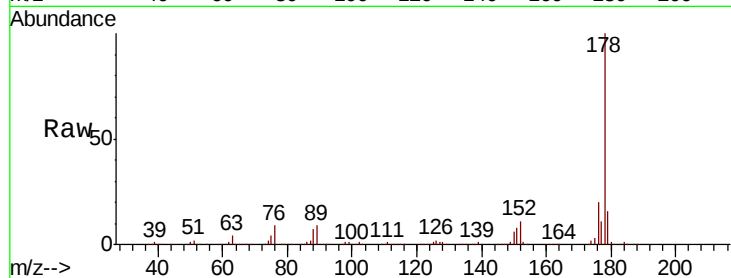
Tot Ion:178 Resp: 1343204

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

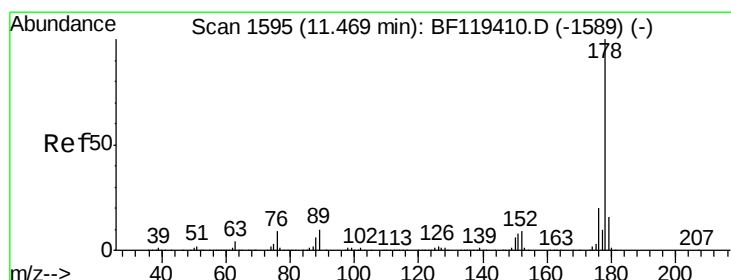
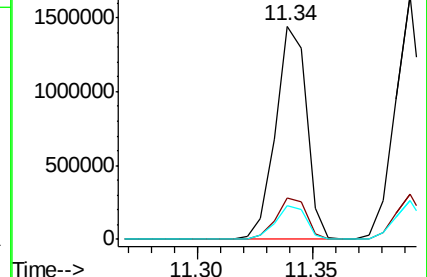
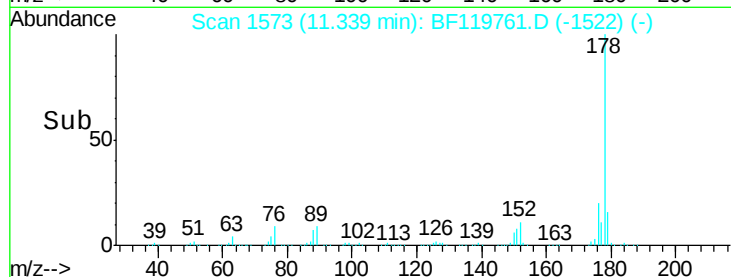
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.790 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

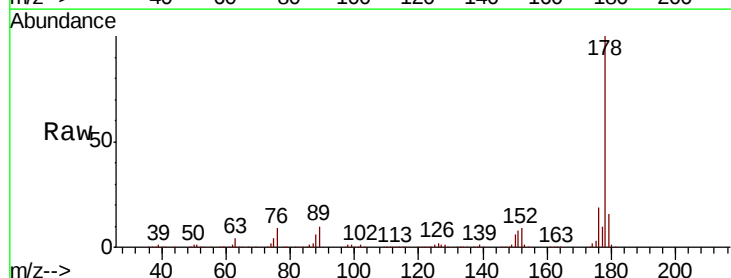
Tgt Ion:178 Resp: 1337635

Ion Ratio Lower Upper

178 100

176 18.8 16.1 24.1

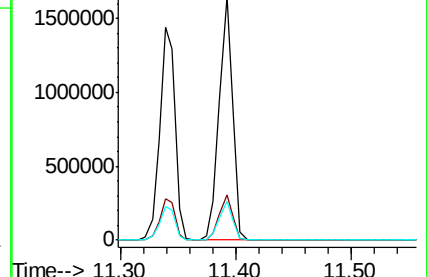
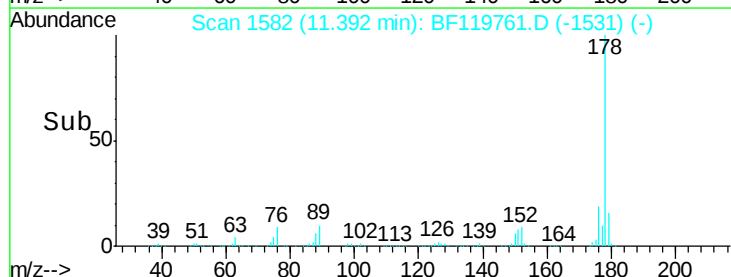
179 15.8 13.0 19.4

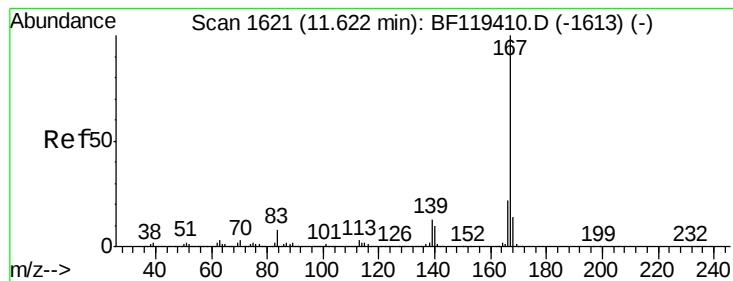


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.304 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

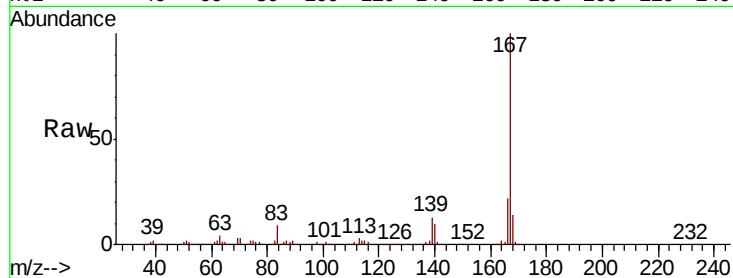
Tot Ion:167 Resp: 1373140

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

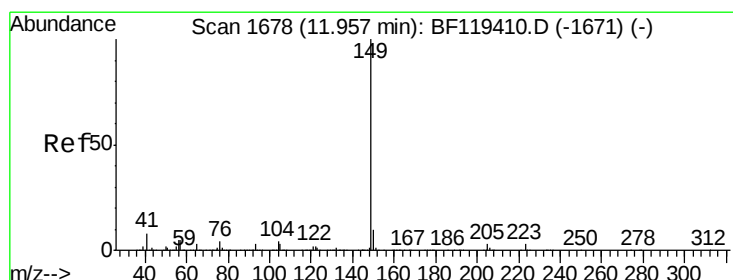
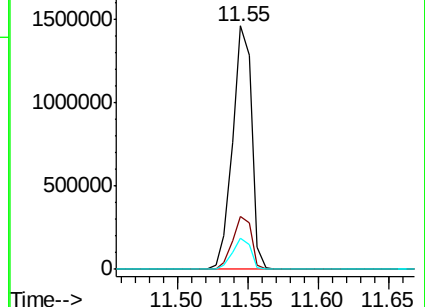
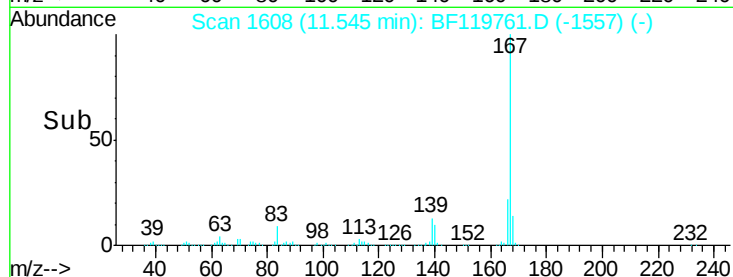
139 13.0 10.7 16.1



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: 46.520 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

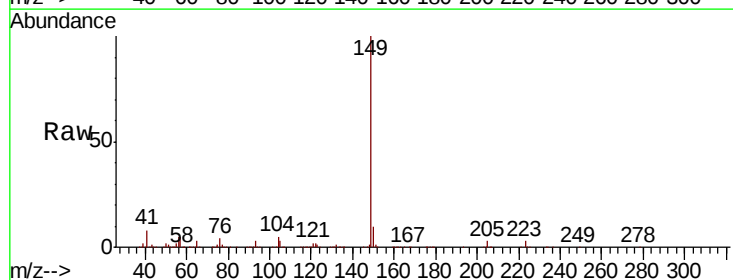
Tgt Ion:149 Resp: 1615295

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

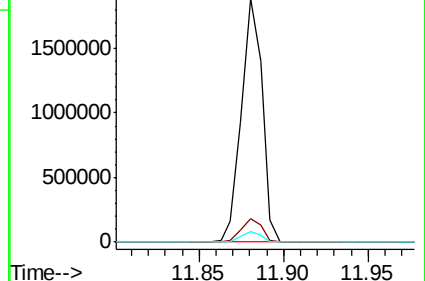
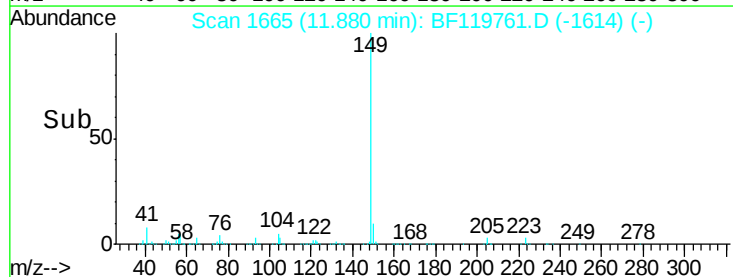
104 4.5 3.6 5.4

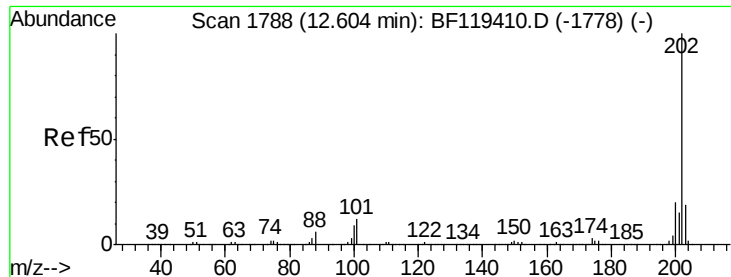


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

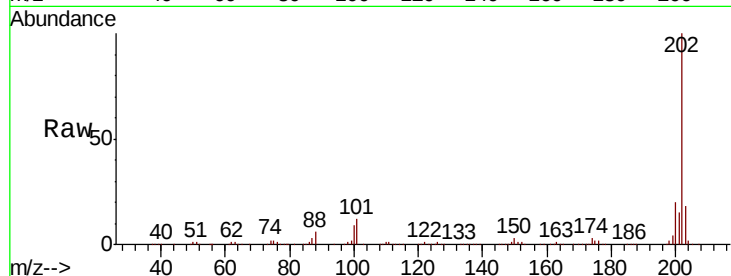




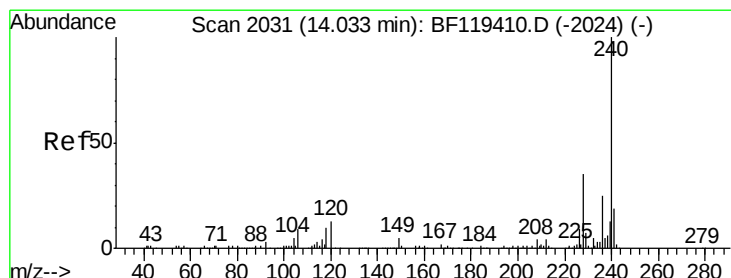
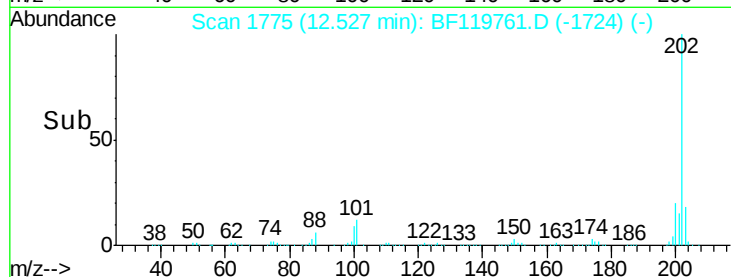
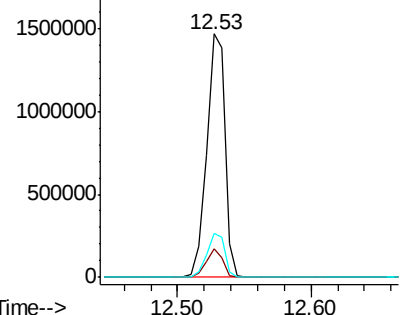
#75
Fluoranthene
Concen: 40.523 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1415055
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.2
203 18.2 0.0 38.8

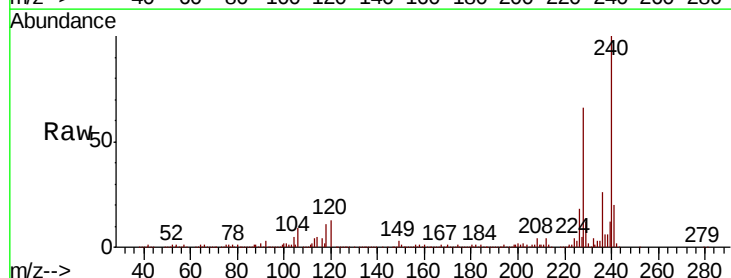


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

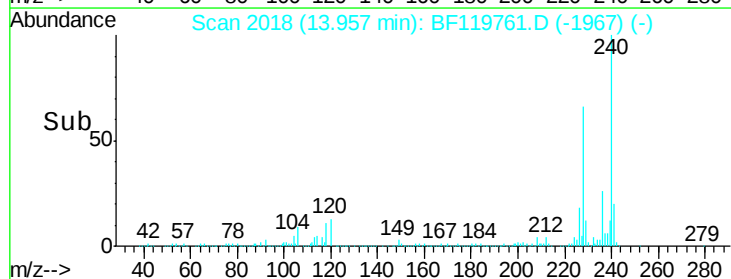
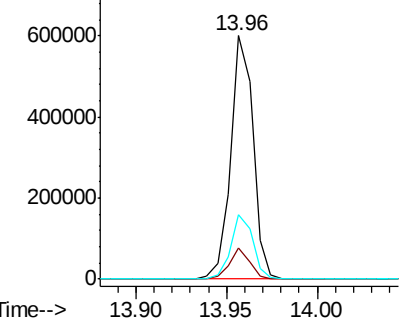


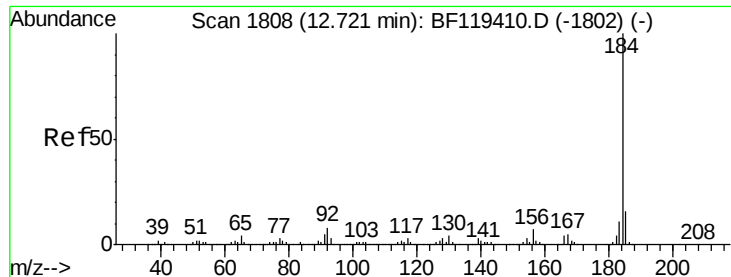
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:240 Resp: 512483
Ion Ratio Lower Upper
240 100
120 12.9 10.6 15.8
236 26.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.762 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

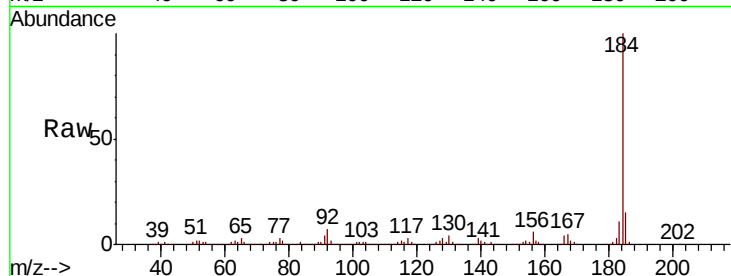
Tot Ion:184 Resp: 645481

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

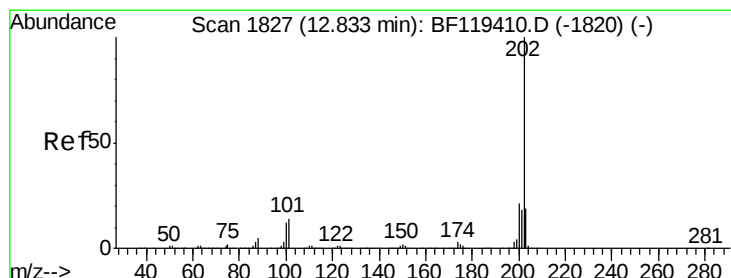
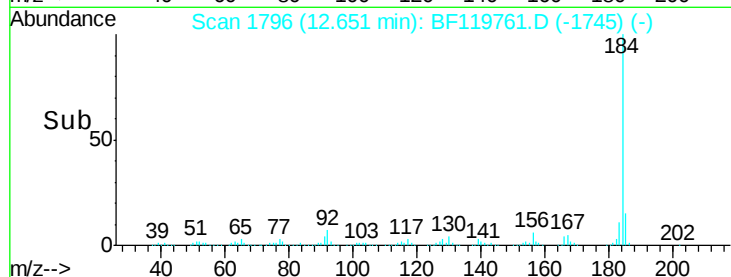
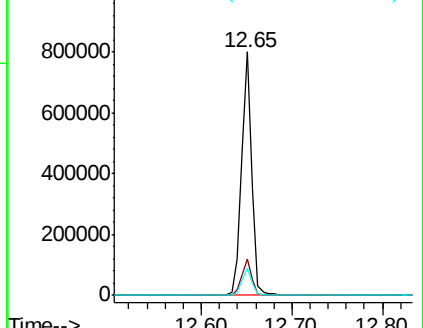
183 11.0 9.0 13.6



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: 35.184 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

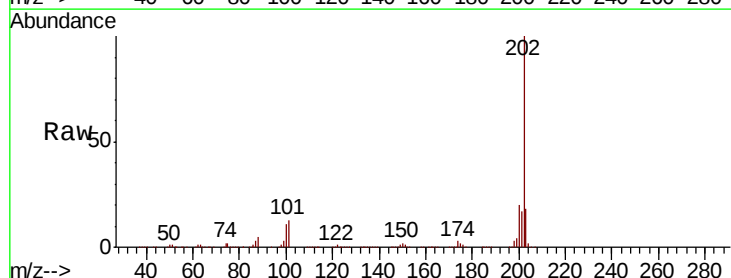
Tgt Ion:202 Resp: 1479794

Ion Ratio Lower Upper

202 100

200 19.8 16.8 25.2

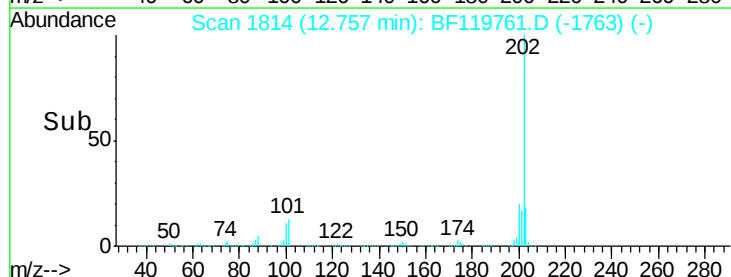
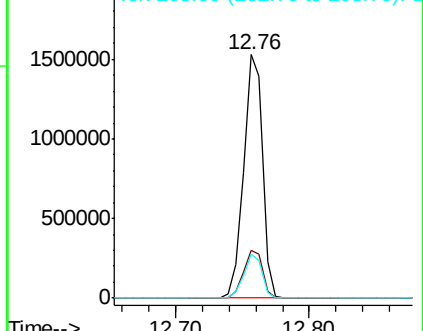
203 17.8 15.1 22.7



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: 76.286 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

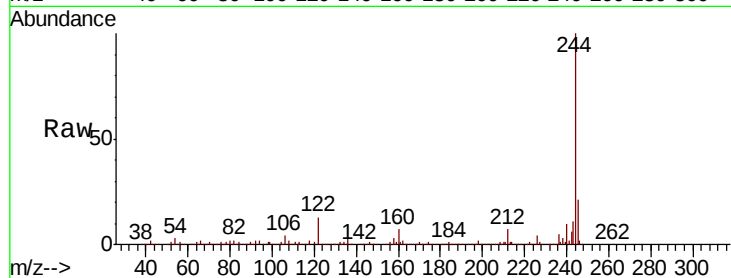
Tot Ion:244 Resp: 1995455

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	10.3	15.5

244 100

212 6.8 5.8 8.8

122 12.6 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

12.90

2500000

2000000

1500000

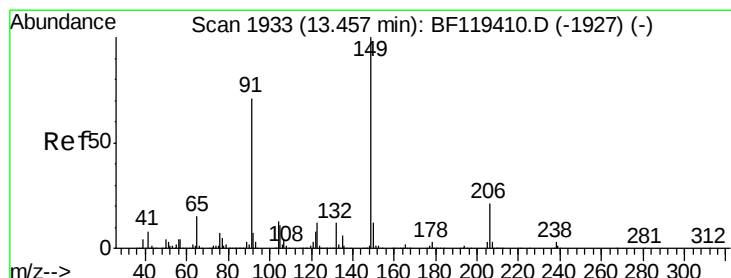
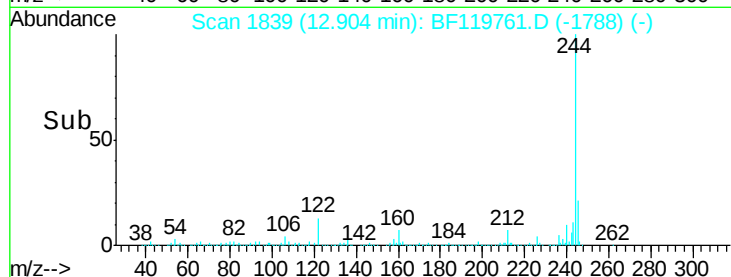
1000000

500000

0

Time-->

12.85 12.90 12.95



#80

Butylbenzylphthalate

Concen: 41.078 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

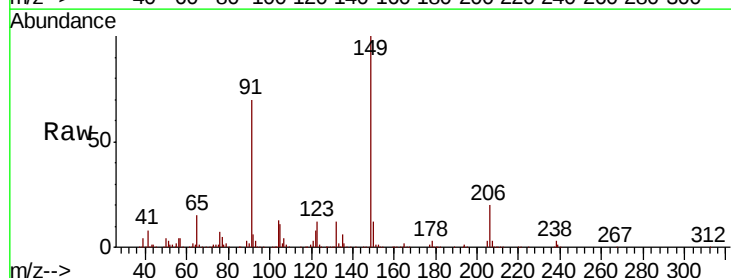
Tgt Ion:149 Resp: 698783

Ion	Ratio	Lower	Upper
149	100		
91	69.9	54.7	82.1
206	19.7	16.2	24.2

149 100

91 69.9 54.7 82.1

206 19.7 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

13.38

1000000

800000

600000

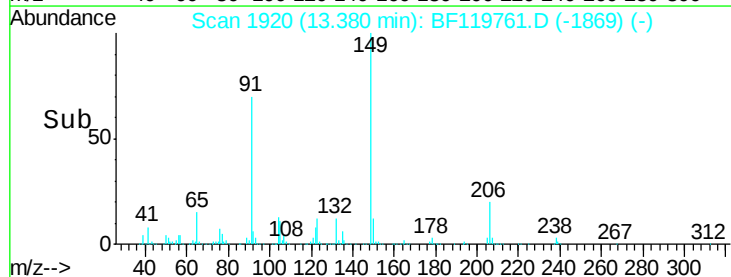
400000

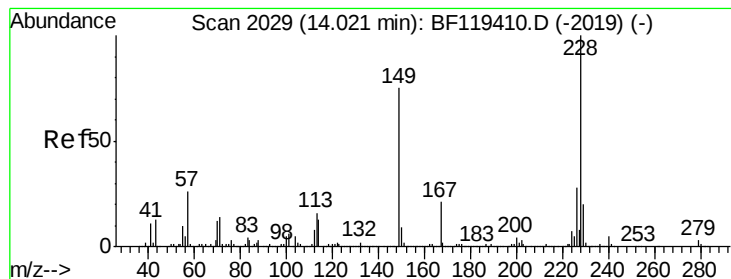
200000

0

Time-->

13.35 13.40





#81

Benzo(a)anthracene

Concen: 39.417 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

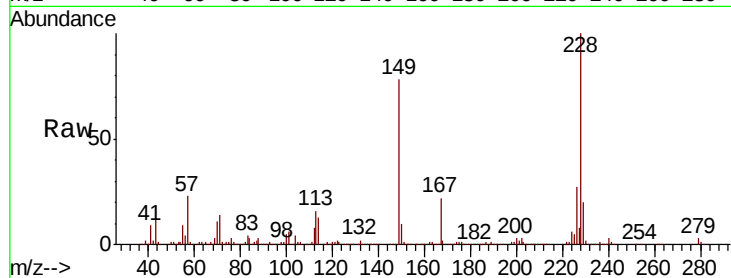
Tot Ion:228 Resp: 1313610

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.3 16.2 24.4

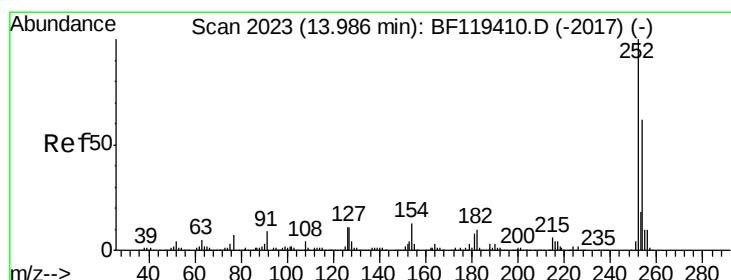
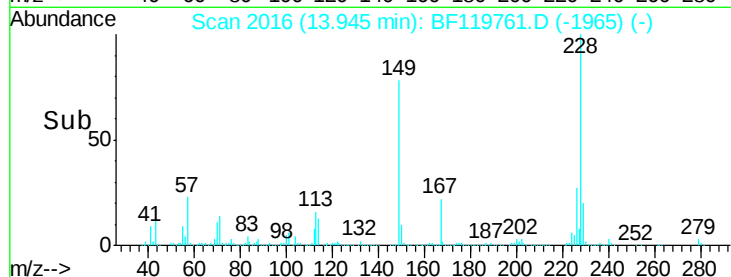
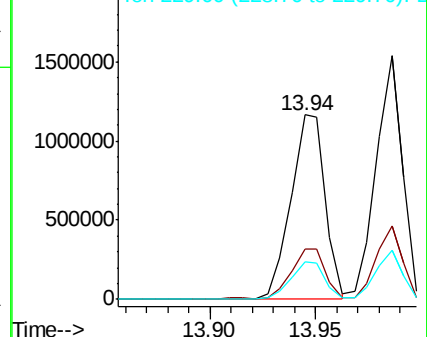


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.017 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

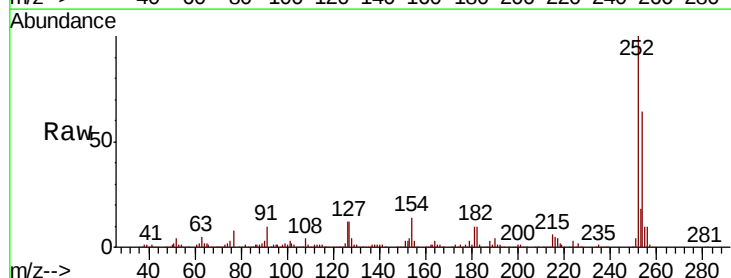
Tgt Ion:252 Resp: 538966

Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 12.5 9.6 14.4

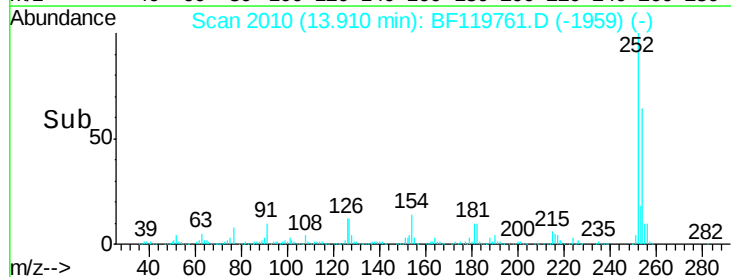
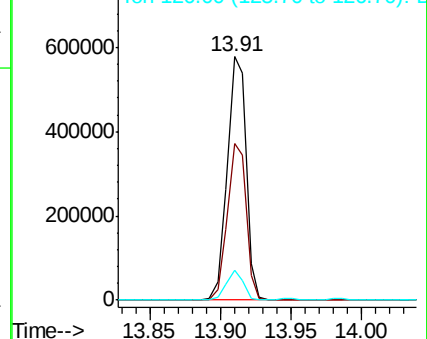


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.064 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

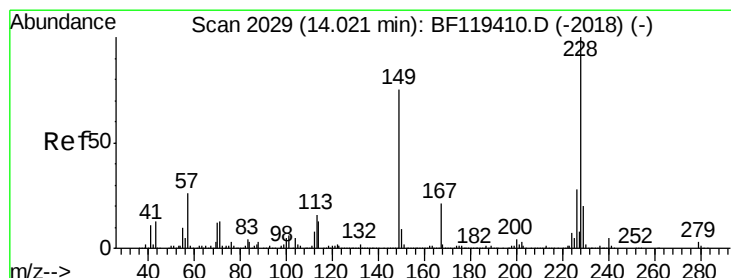
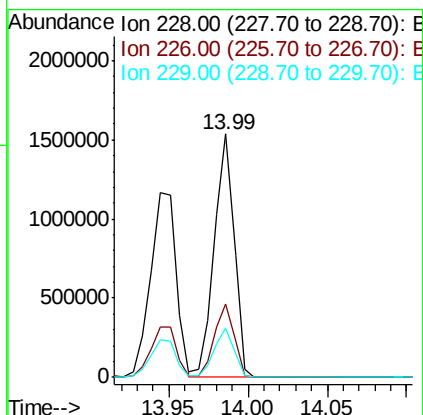
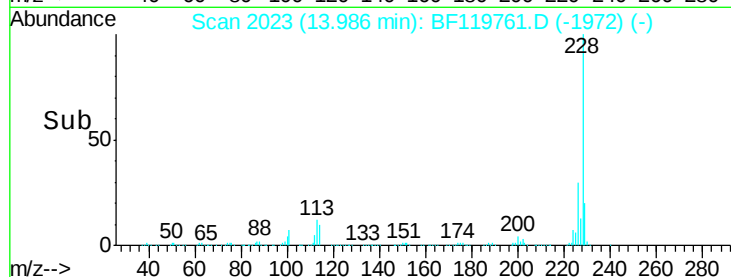
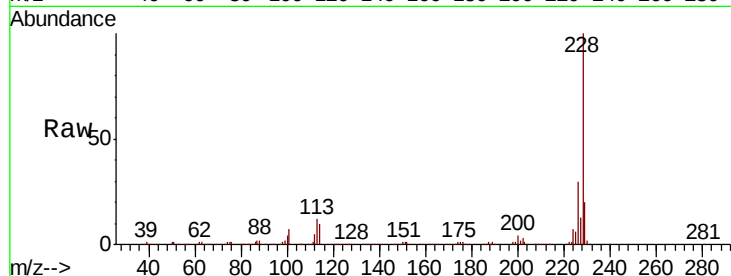
Tot Ion:228 Resp: 1343563

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

229 20.0 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.339 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

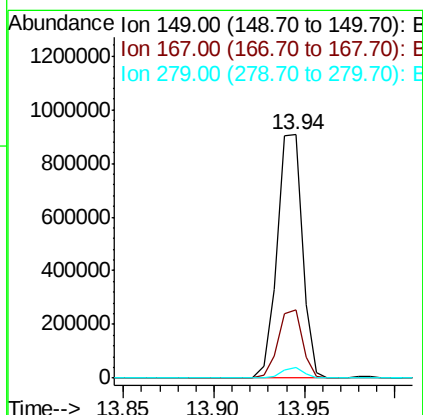
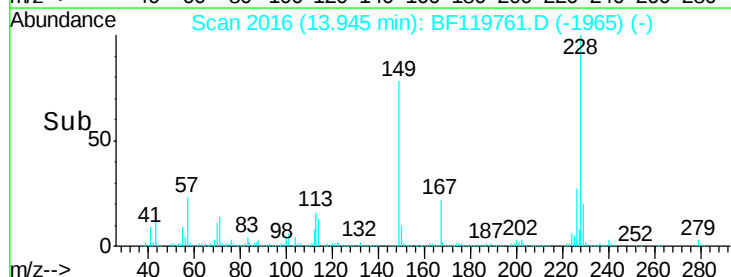
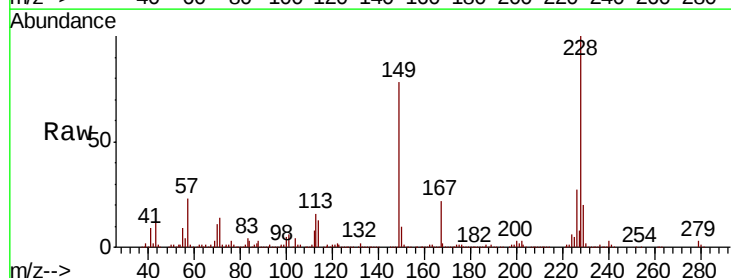
Tgt Ion:149 Resp: 878851

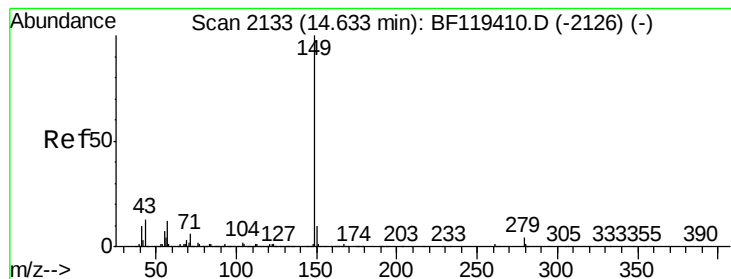
Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

279 4.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 45.133 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

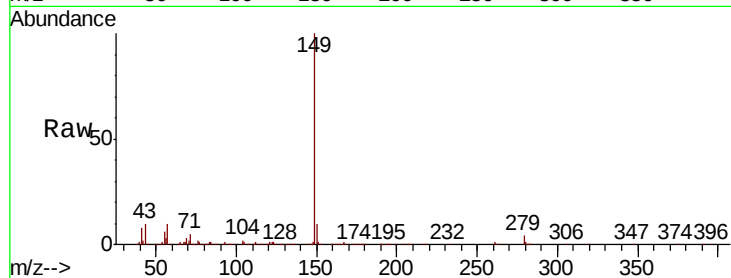
Tot Ion:149 Resp: 1609630

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

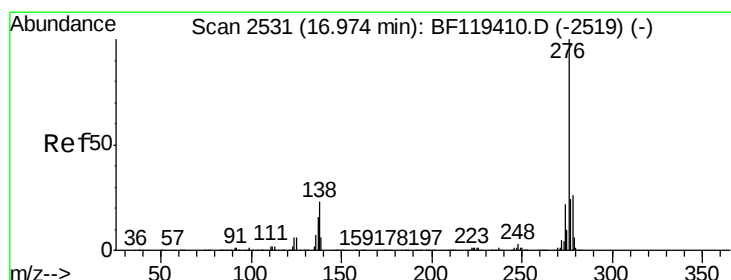
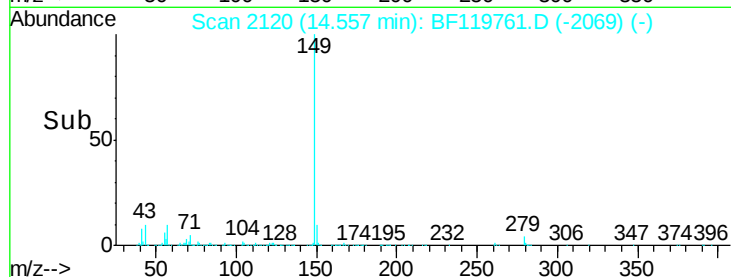
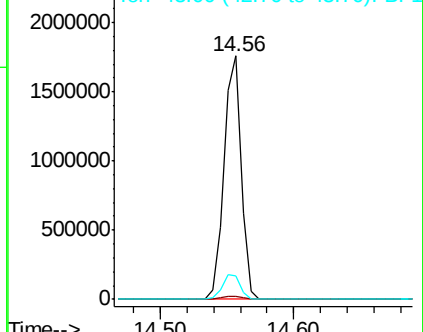
43 10.6 9.3 13.9



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: 42.699 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

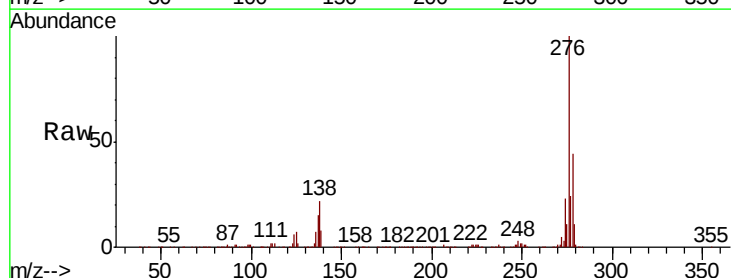
Tgt Ion:276 Resp: 1383119

Ion Ratio Lower Upper

276 100

138 23.5 19.6 29.4

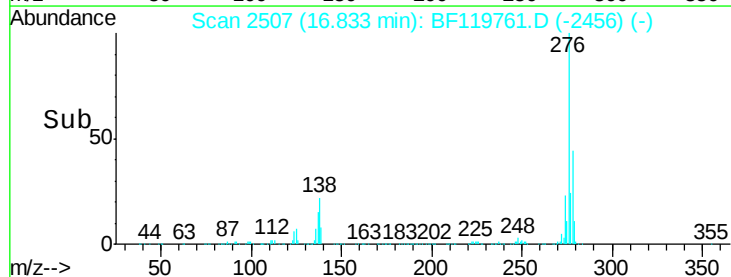
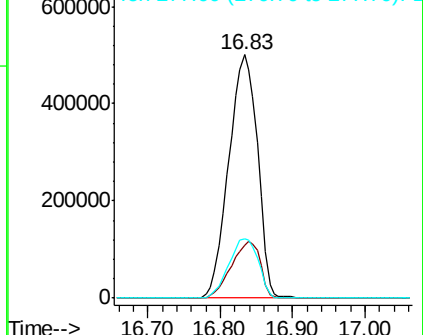
277 25.2 20.0 30.0

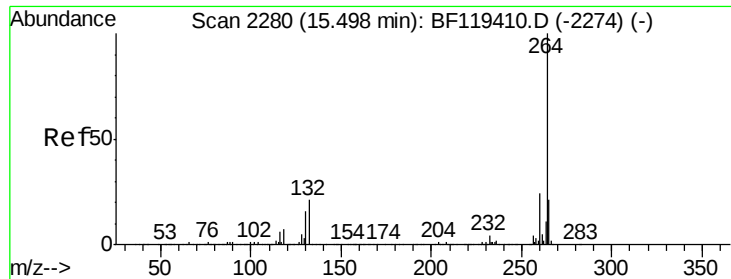


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

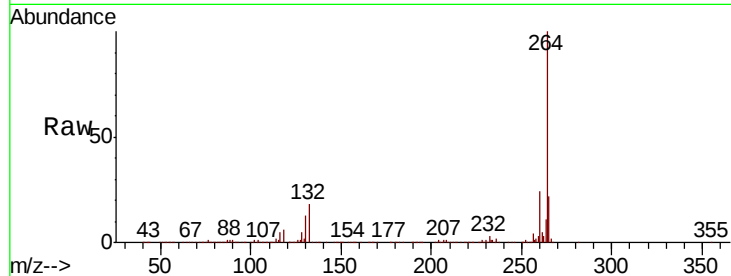
Tot Ion:264 Resp: 548051

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

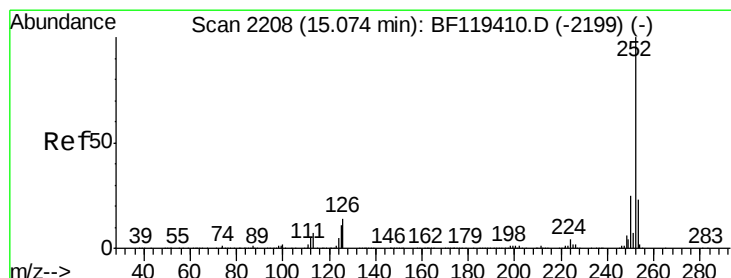
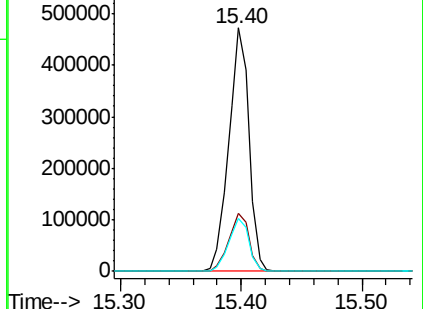
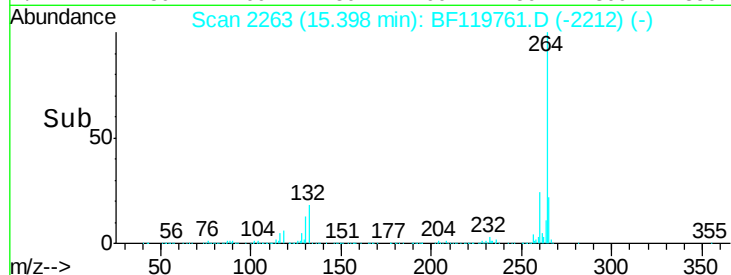
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.579 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF119761.D

Acq: 6 Apr 2020 10:25

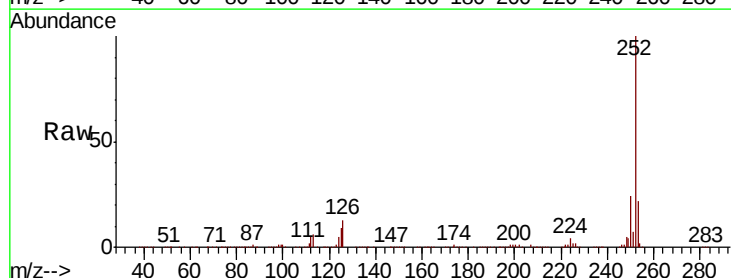
Tgt Ion:252 Resp: 1412364

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

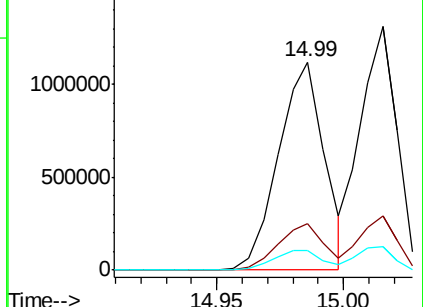
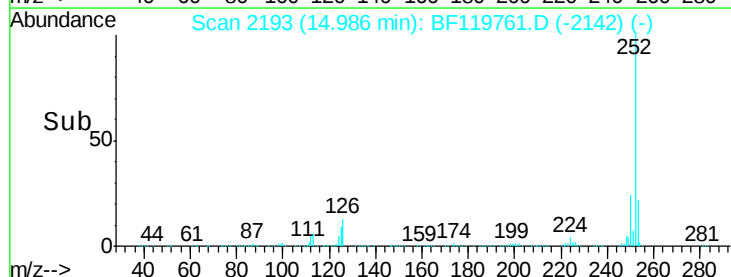
125 9.5 7.9 11.9

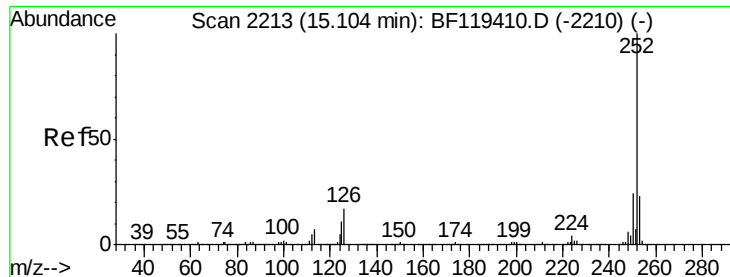


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

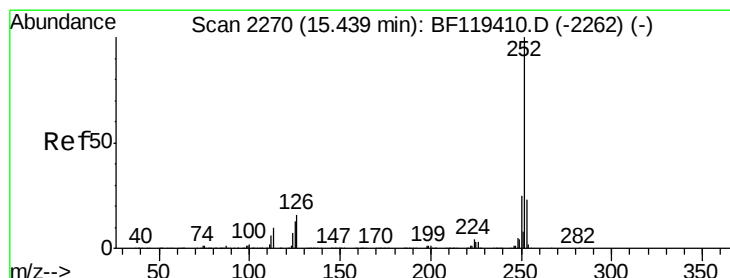
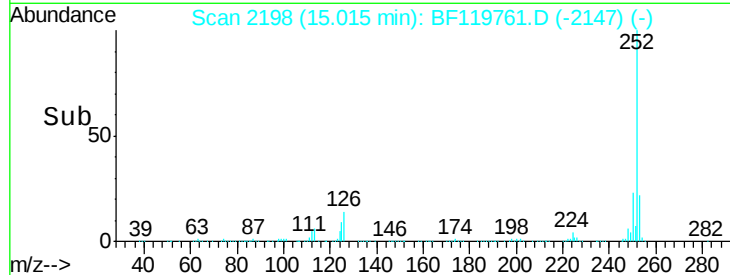
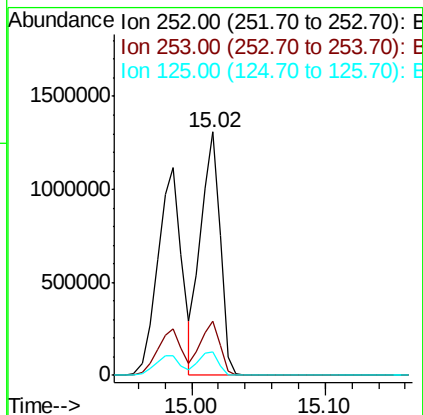
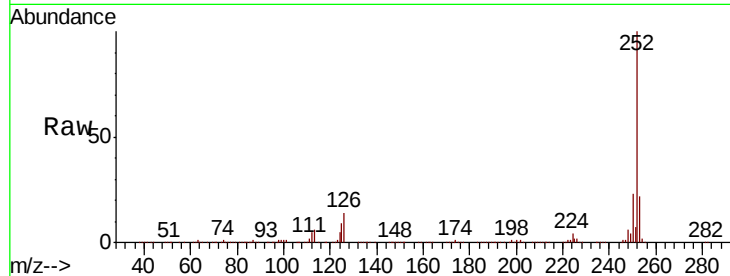




#89
Benzo(k)fluoranthene
Concen: 37.768 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

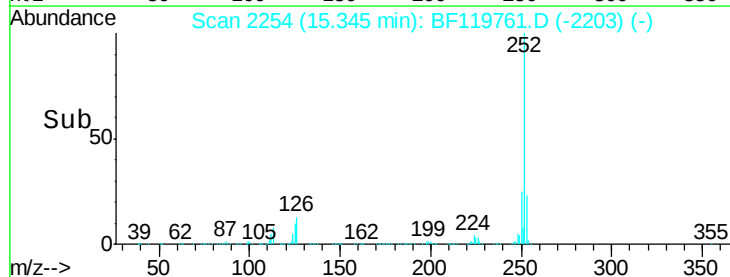
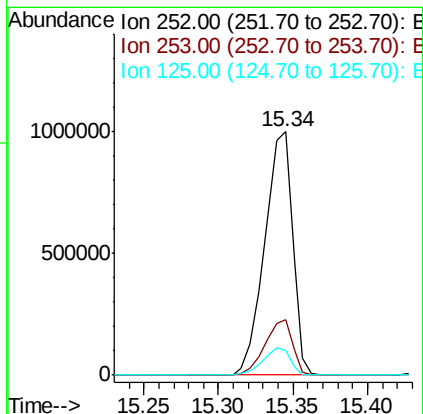
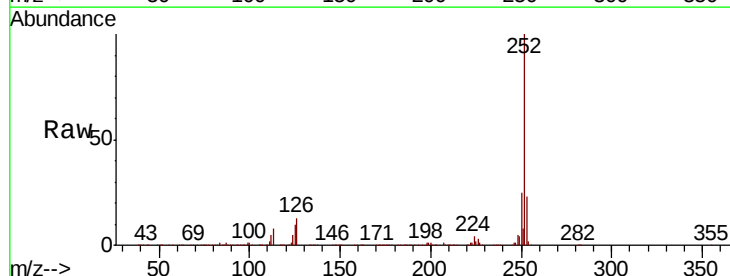
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

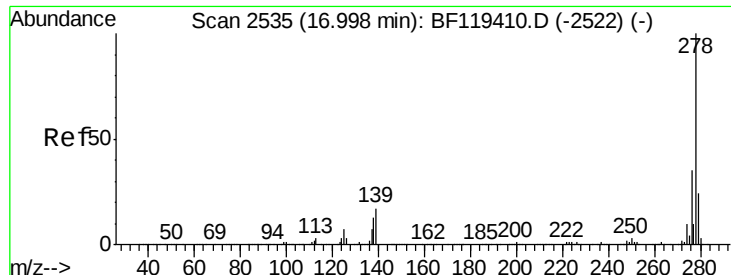
Tot Ion:252 Resp: 1316604
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.942 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:252 Resp: 1295616
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.0 9.4 14.2

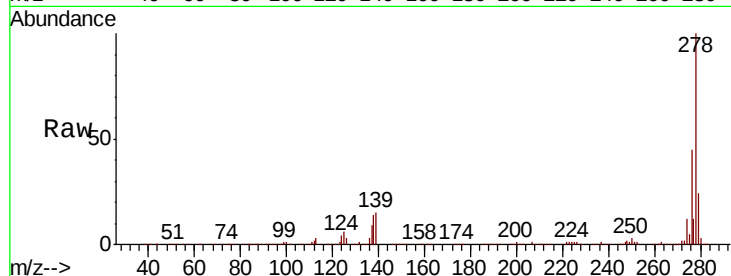




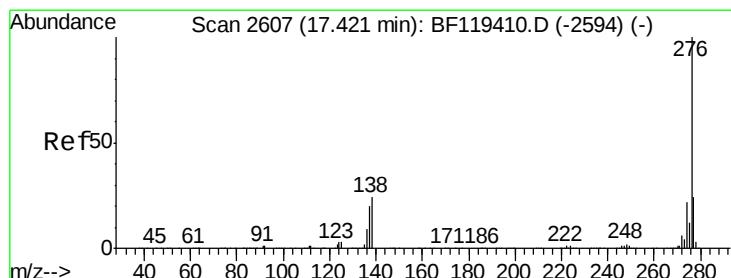
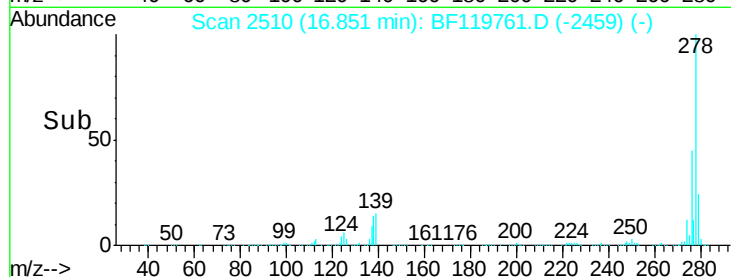
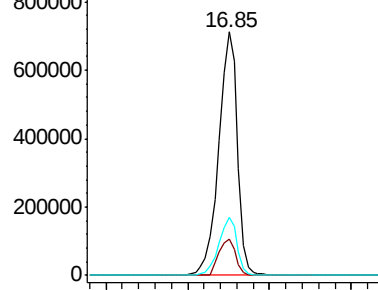
#91
Dibenzo(a,h)anthracene
Concen: 39.068 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1136887
Ion Ratio Lower Upper
278 100
139 14.9 12.6 19.0
279 23.8 19.0 28.6

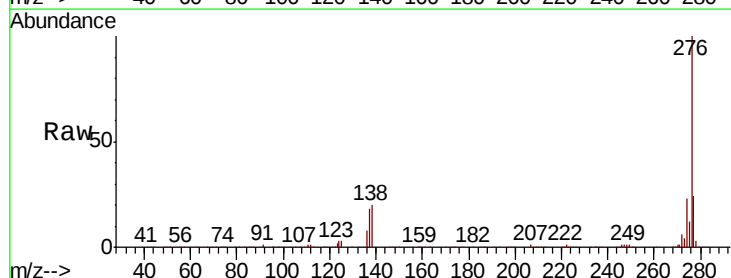


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.788 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF119761.D
Acq: 6 Apr 2020 10:25

Tgt Ion:276 Resp: 1163218
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 19.7 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

