

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118561.D
 Acq On : 17 Jan 2020 16:30
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 18 01:00:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	381937	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1407632	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	793009	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1436099	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1007433	20.00	ng	0.00
87) Perylene-d12	15.52	264	819932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1679766	81.26	ng	0.00
7) Phenol-d6	6.51	99	2219504	81.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	1971805	86.52	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	758051	86.47	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3713098	84.53	ng	0.00
79) Terphenyl-d14	13.00	244	4227714	82.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	418171	42.103	ng	98
3) Pyridine	3.43	79	982151	35.805	ng	100
4) n-Nitrosodimethylamine	3.37	42	502820	39.966	ng	# 96
6) Aniline	6.55	93	1549291	43.702	ng	99
8) 2-Chlorophenol	6.67	128	1010013	42.963	ng	97
9) Benzaldehyde	6.43	77	805377	58.087	ng	100
10) Phenol	6.52	94	1204476	40.533	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	962002	40.419	ng	97
12) 1,3-Dichlorobenzene	6.83	146	1114677	39.872	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1136423	40.463	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1065214	40.538	ng	98
15) Benzyl Alcohol	7.03	79	927703	41.736	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1341005	38.408	ng	99
17) 2-Methylphenol	7.13	107	819105	41.048	ng	99
18) Hexachloroethane	7.41	117	407868	39.851	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	786386	40.487	ng	99
20) 3+4-Methylphenols	7.29	107	1044068	43.753	ng	93
22) Acetophenone	7.30	105	1446584	42.349	ng	# 95
24) Nitrobenzene	7.47	77	1077930	44.474	ng	99
25) Isophorone	7.71	82	2005773	40.550	ng	98
26) 2-Nitrophenol	7.79	139	464313	44.798	ng	96
27) 2,4-Dimethylphenol	7.82	122	951440	48.364	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1236084	38.893	ng	99
29) 2,4-Dichlorophenol	8.02	162	893226	41.250	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	983263	38.964	ng	99
31) Naphthalene	8.20	128	2789874	42.027	ng	99
32) Benzoic acid	7.93	122	576010	43.602	ng	99
33) 4-Chloroaniline	8.24	127	1245527	40.381	ng	98
34) Hexachlorobutadiene	8.32	225	587355	37.315	ng	98
35) Caprolactam	8.61	113	277367	41.175	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	889632	41.444	ng	96
37) 2-Methylnaphthalene	8.89	142	1980393	42.109	ng	99
38) 1-Methylnaphthalene	8.99	142	1854341	41.677	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1064118	41.603	ng	100

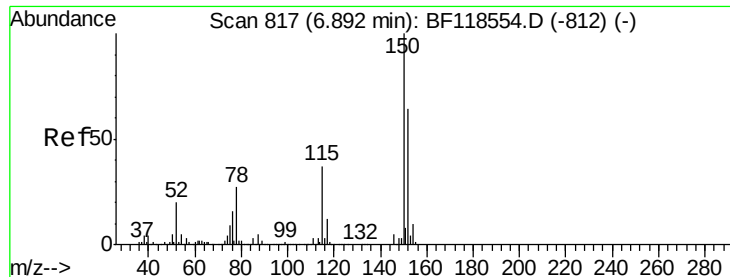
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	654530	48.977	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	682259	41.865	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	714971	43.394	ng	98
46) 1,1'-Biphenyl	9.35	154	2467630	43.549	ng	99
47) 2-Chloronaphthalene	9.37	162	1938587	40.590	ng	98
48) 2-Nitroaniline	9.46	65	556680	44.815	ng	96
49) Acenaphthylene	9.79	152	2911169	43.171	ng	99
50) Dimethylphthalate	9.65	163	2166155	39.784	ng	99
51) 2,6-Dinitrotoluene	9.70	165	500186	48.148	ng	94
52) Acenaphthene	9.96	154	1845074	41.767	ng	100
53) 3-Nitroaniline	9.87	138	517601	43.982	ng	# 92
54) 2,4-Dinitrophenol	9.97	184	153686	40.678	ng	# 22
55) Dibenzofuran	10.13	168	2671473	42.733	ng	98
56) 4-Nitrophenol	10.02	139	411044	47.282	ng	91
57) 2,4-Dinitrotoluene	10.10	165	625240	45.907	ng	96
58) Fluorene	10.48	166	2077489	42.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	622799	44.184	ng	99
60) Diethylphthalate	10.35	149	2154716	40.536	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	1096670	41.409	ng	99
62) 4-Nitroaniline	10.49	138	533024	45.603	ng	98
63) Azobenzene	10.63	77	2170731	41.900	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	258923	45.050	ng	92
66) n-Nitrosodiphenylamine	10.59	169	1917692	41.558	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	738401	38.411	ng	# 93
68) Hexachlorobenzene	11.03	284	813957	38.209	ng	98
69) Atrazine	11.11	200	636951	47.833	ng	98
70) Pentachlorophenol	11.22	266	467815	44.683	ng	100
71) Phenanthrene	11.44	178	3017523	41.802	ng	99
72) Anthracene	11.49	178	3105039	43.114	ng	99
73) Carbazole	11.64	167	2729454	42.022	ng	100
74) Di-n-butylphthalate	11.97	149	3117313	38.620	ng	99
75) Fluoranthene	12.63	202	3158655	40.690	ng	98
77) Benzidine	12.74	184	1504760	61.477	ng	98
78) Pyrene	12.86	202	3220571	42.832	ng	98
80) Butylbenzylphthalate	13.47	149	1229453	38.145	ng	93
81) Benzo(a)anthracene	14.04	228	2581977	40.604	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	984438	44.125	ng	100
83) Chrysene	14.07	228	2511477	41.060	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1523846	38.091	ng	99
85) Di-n-octyl phthalate	14.65	149	2234075	36.467	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2071800	34.421	ng	99
88) Benzo(b)fluoranthene	15.09	252	2113147	39.570	ng	99
89) Benzo(k)fluoranthene	15.12	252	2126314	44.057	ng	99
90) Benzo(a)pyrene	15.46	252	1973203	42.464	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	1725028	39.747	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1705101	40.674	ng	99

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

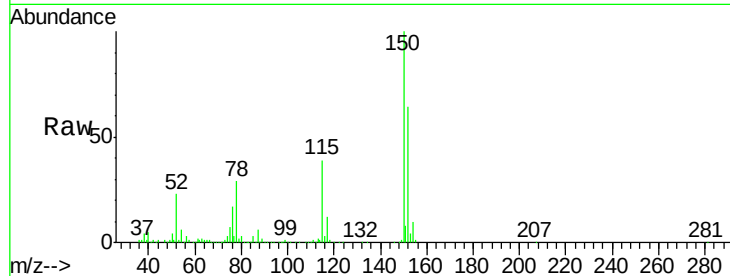


#1

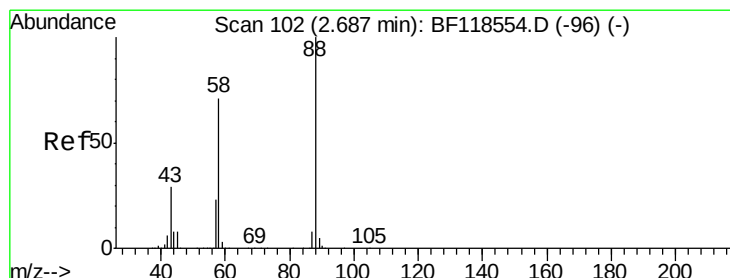
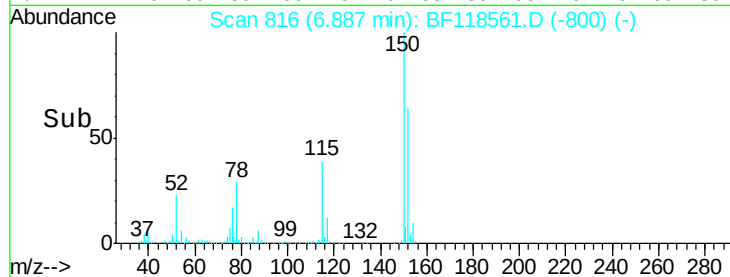
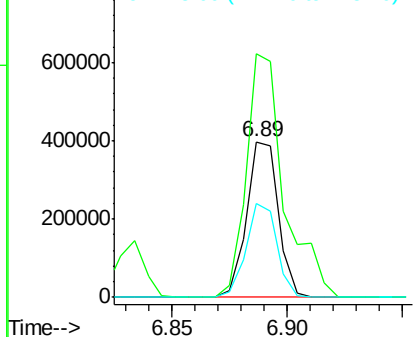
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 381937
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 60.2 45.8 68.6



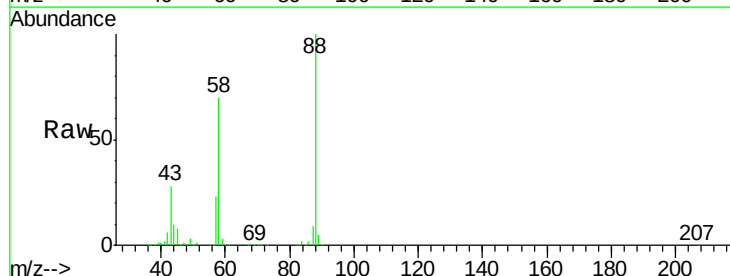
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



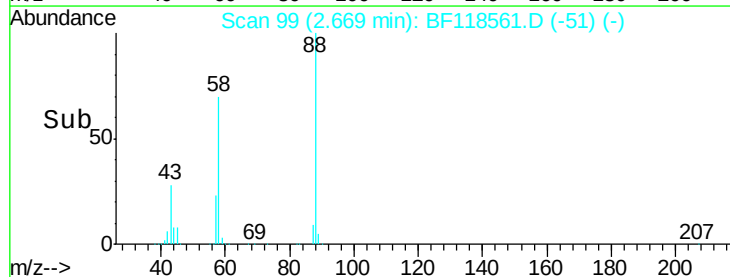
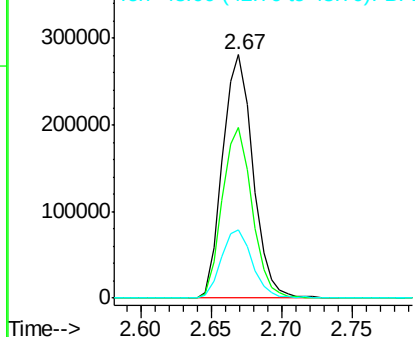
#2

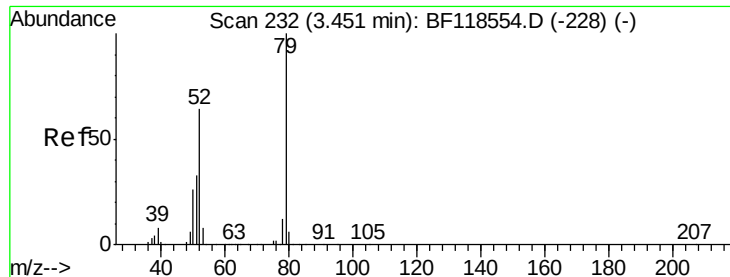
1,4-Dioxane
Concen: 42.103 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion: 88 Resp: 418171
Ion Ratio Lower Upper
88 100
58 69.4 56.7 85.1
43 28.5 23.3 34.9



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: 35.805 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.02 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

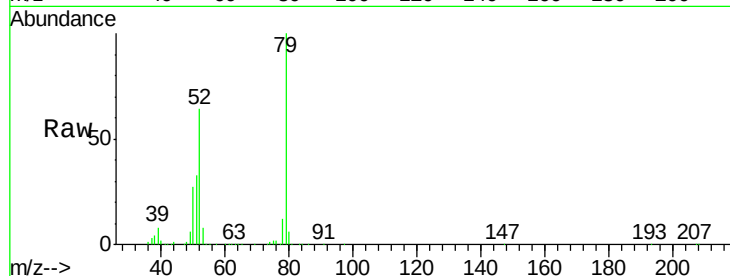
Tot Ion: 79 Resp: 982151

Ion Ratio Lower Upper

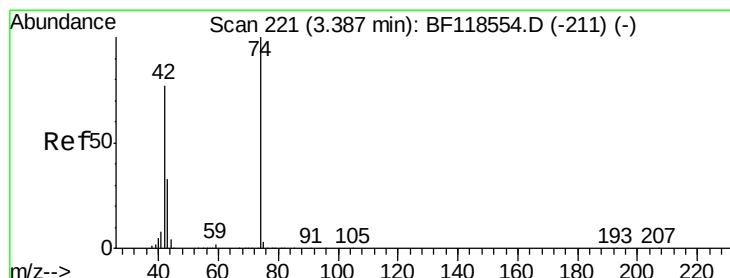
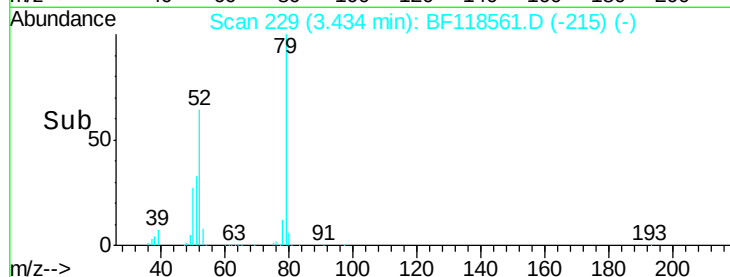
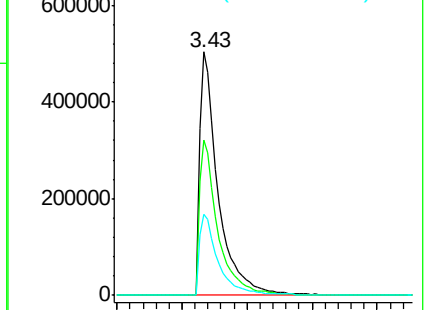
79 100

52 63.9 51.3 76.9

51 33.0 26.7 40.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.966 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

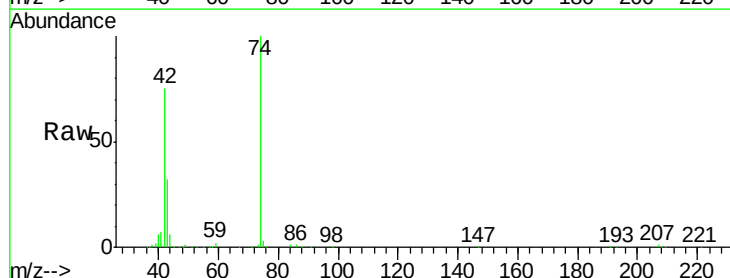
Tgt Ion: 42 Resp: 502820

Ion Ratio Lower Upper

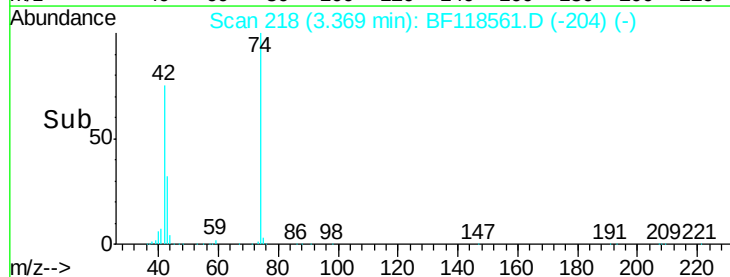
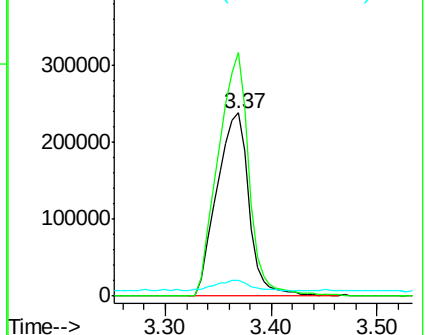
42 100

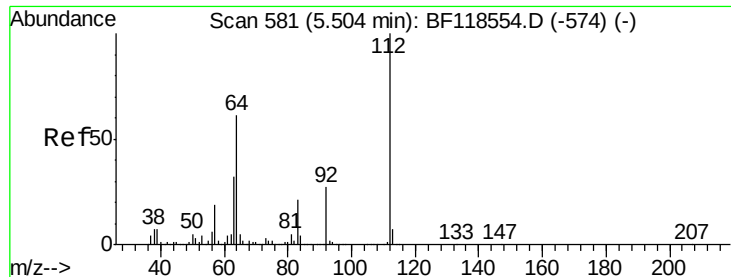
74 133.0 103.1 154.7

44 8.6 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 81.263 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

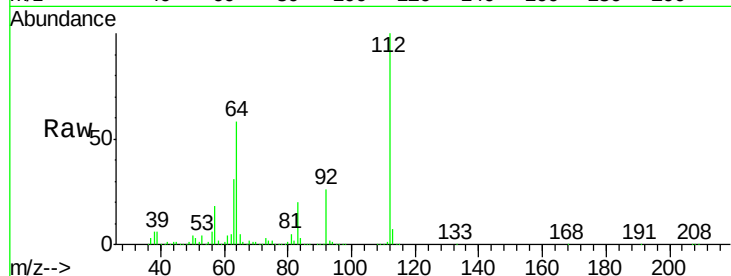
Tot Ion:112 Resp: 1679766

Ion Ratio Lower Upper

112 100

64 57.6 49.1 73.7

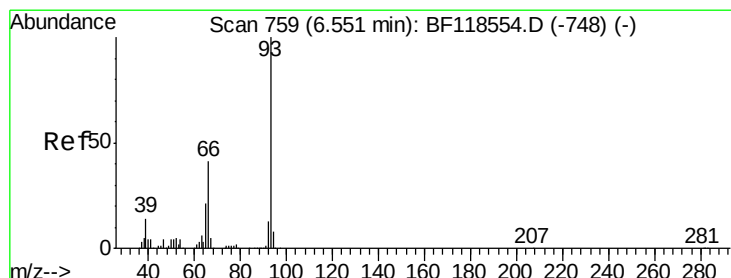
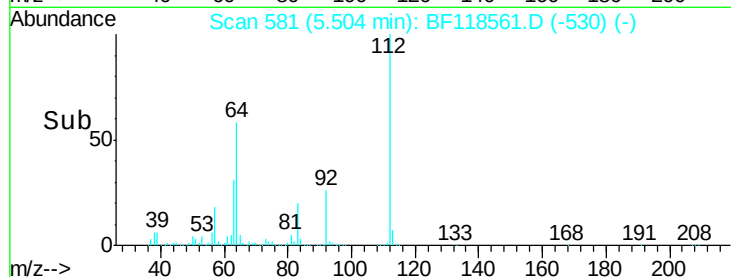
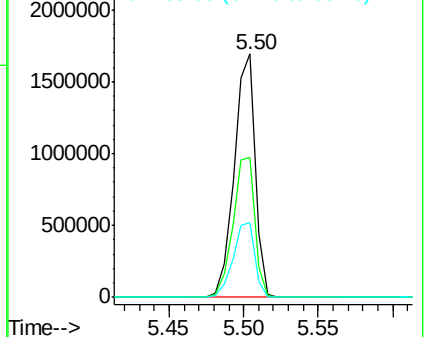
63 30.6 25.8 38.8



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: 43.702 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

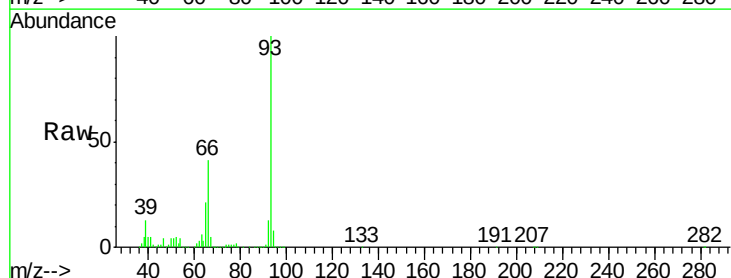
Tgt Ion: 93 Resp: 1549291

Ion Ratio Lower Upper

93 100

66 40.6 32.9 49.3

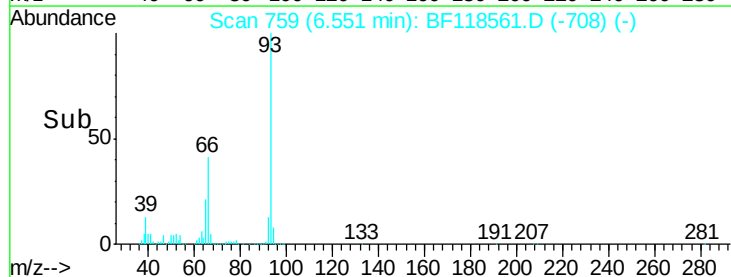
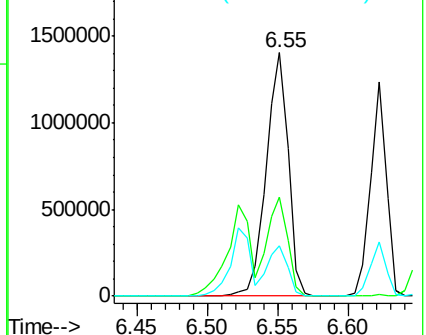
65 20.7 16.5 24.7

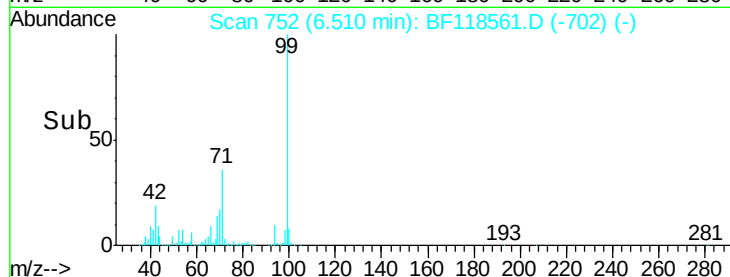
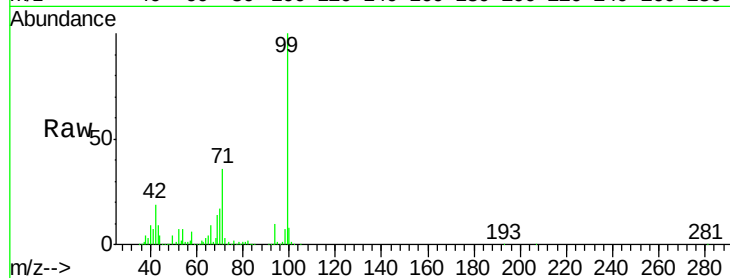
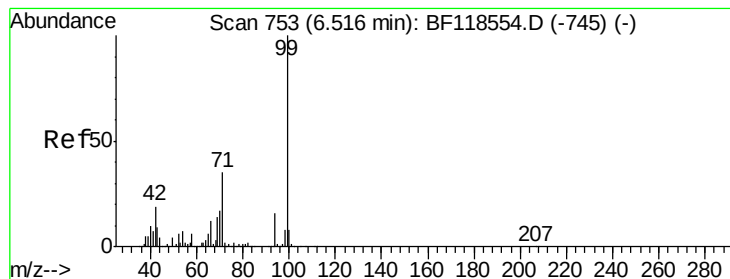


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.946 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

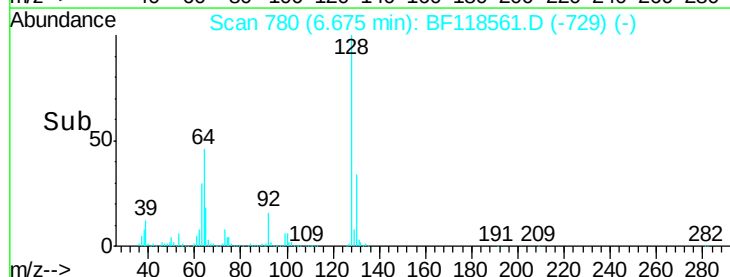
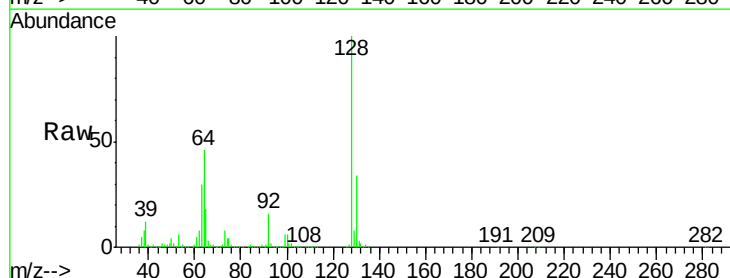
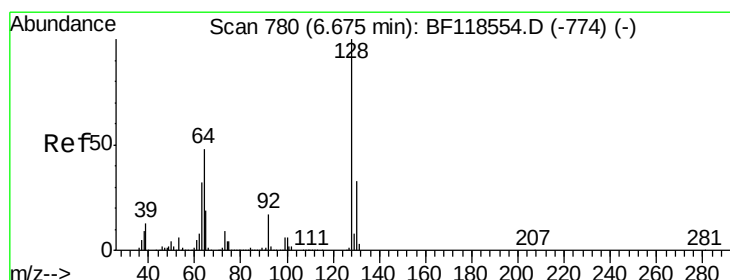
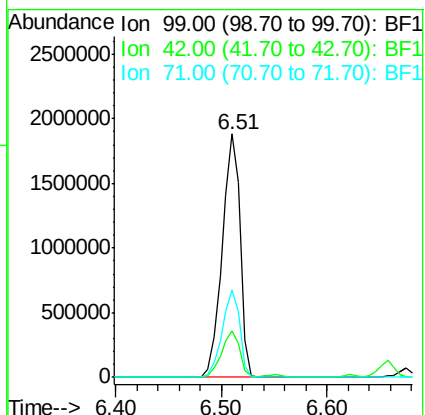
Tot Ion: 99 Resp: 2219504

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

71 35.7 28.3 42.5



#8

2-Chlorophenol

Concen: 42.963 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

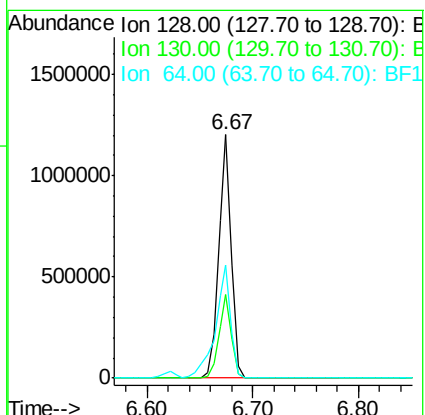
Tgt Ion: 128 Resp: 1010013

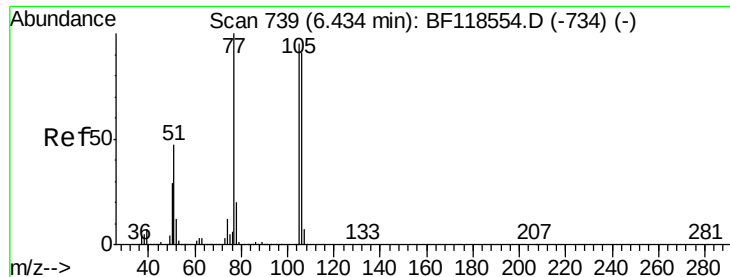
Ion Ratio Lower Upper

128 100

130 34.1 13.2 53.2

64 46.5 28.9 68.9





#9

Benzaldehyde

Concen: 58.087 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

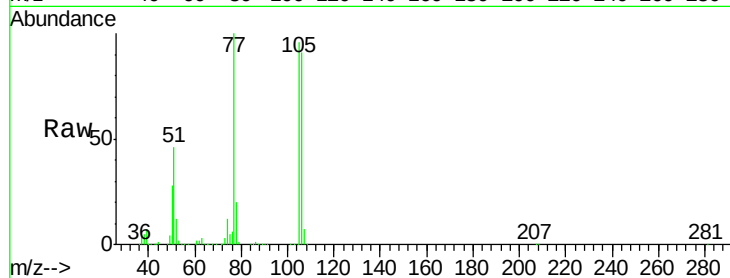
Tot Ion: 77 Resp: 805377

Ion Ratio Lower Upper

77 100

105 95.8 75.2 115.2

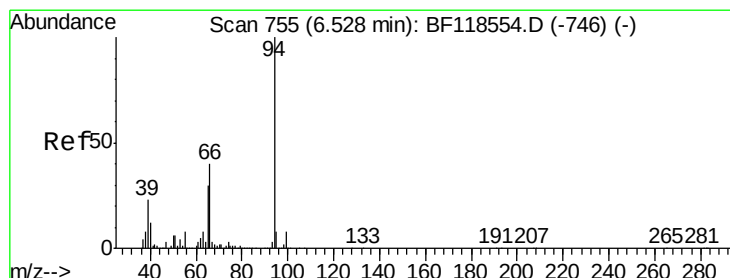
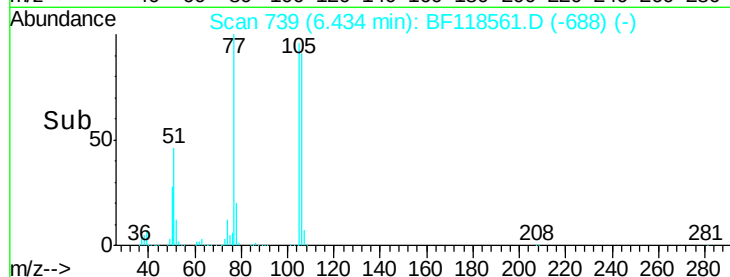
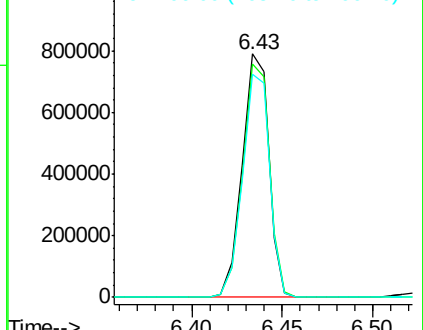
106 91.4 71.4 111.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.533 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

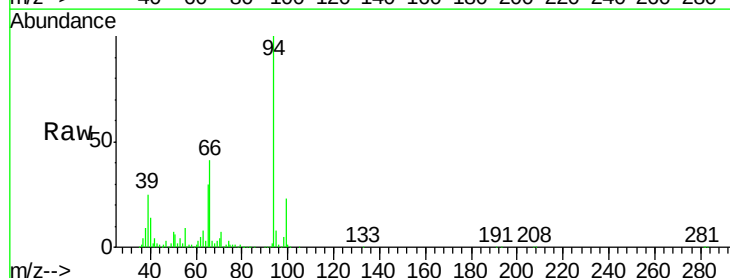
Tgt Ion: 94 Resp: 1204476

Ion Ratio Lower Upper

94 100

65 30.5 9.8 49.8

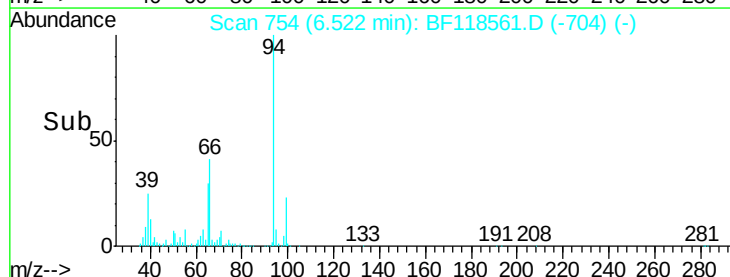
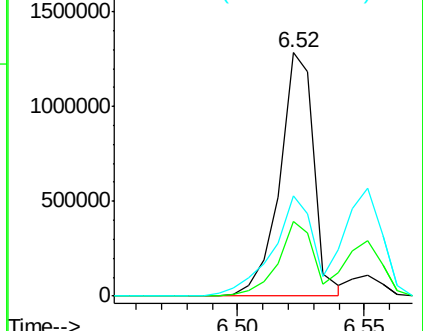
66 41.1 19.5 59.5

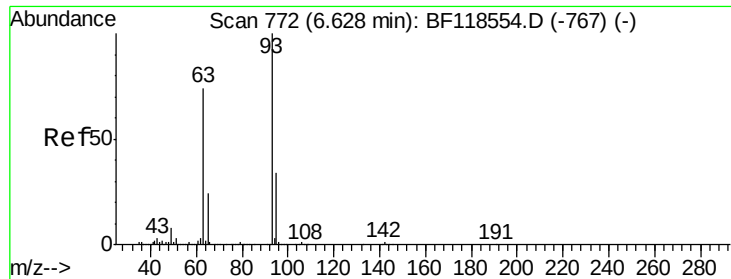


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

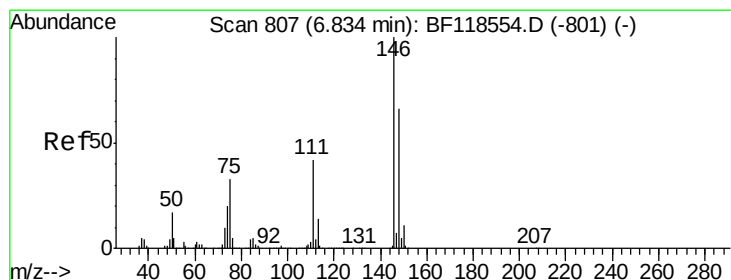
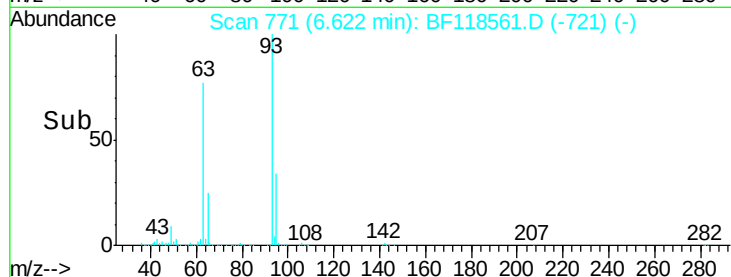
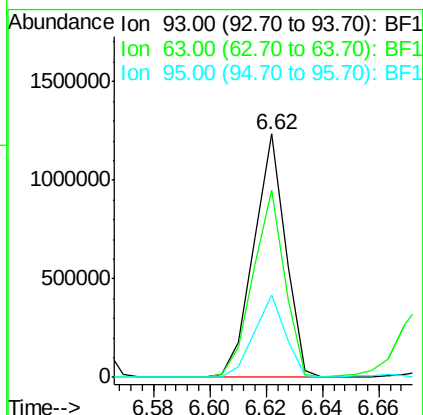
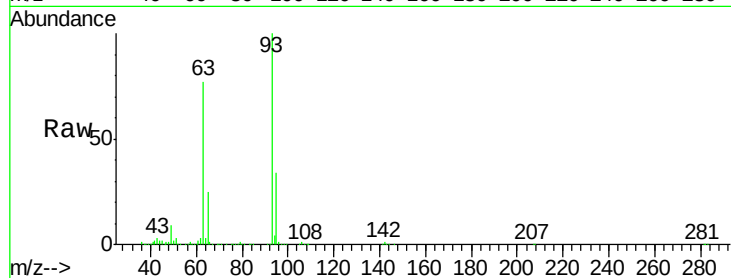




#11
bis(2-Chloroethyl)ether
Concen: 40.419 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

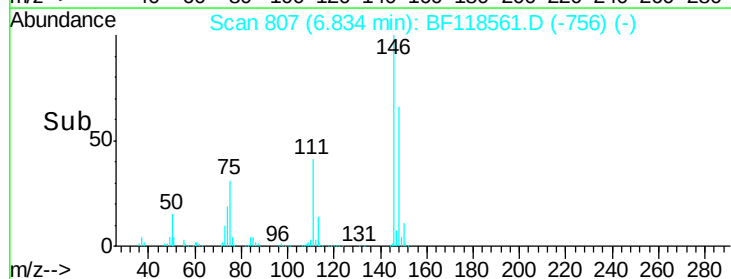
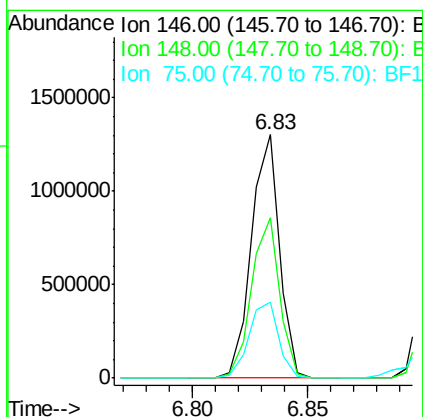
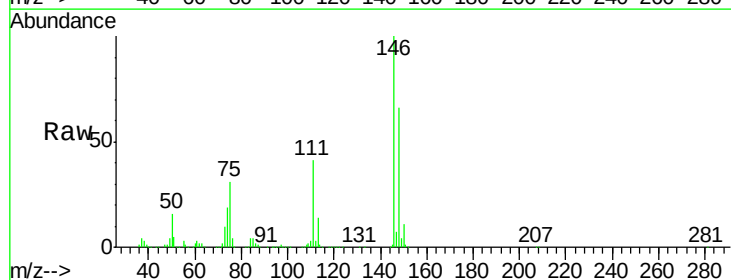
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

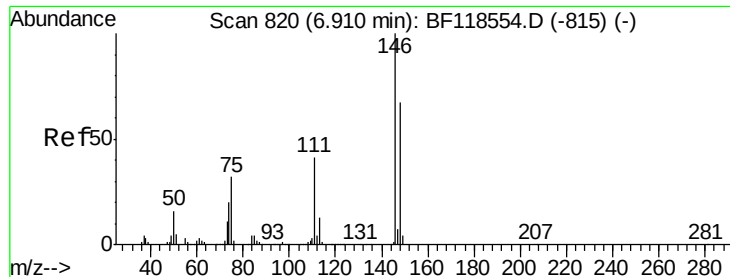
Tot Ion: 93 Resp: 962002
Ion Ratio Lower Upper
93 100
63 77.2 54.0 94.0
95 33.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.872 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion: 146 Resp: 1114677
Ion Ratio Lower Upper
146 100
148 65.7 53.0 79.6
75 31.3 26.5 39.7

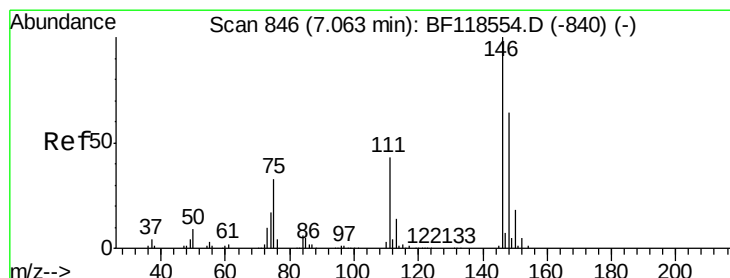
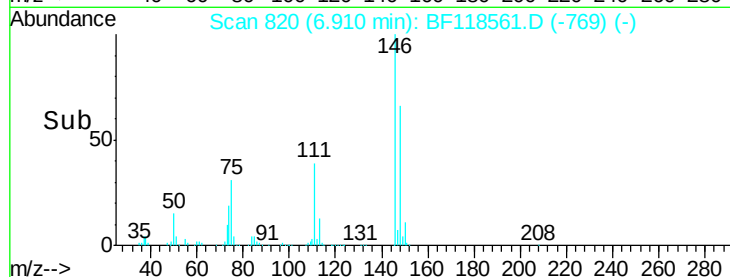
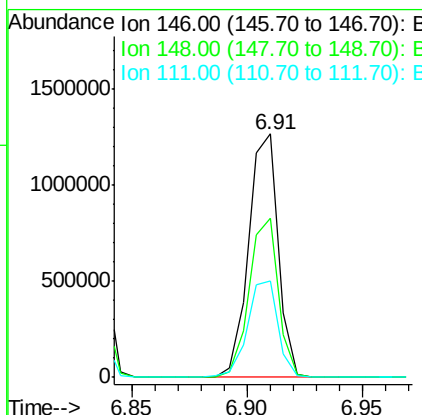
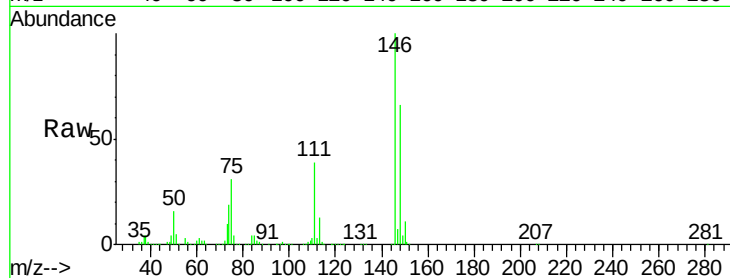




#13
 1,4-Dichlorobenzene
 Concen: 40.463 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

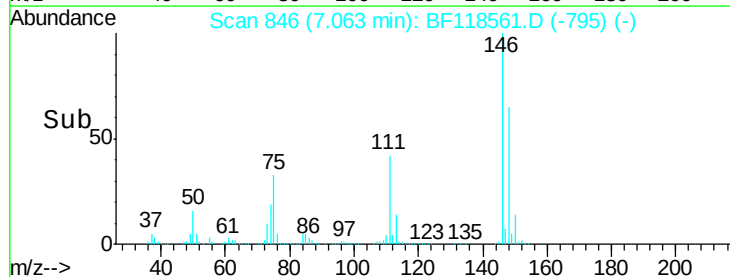
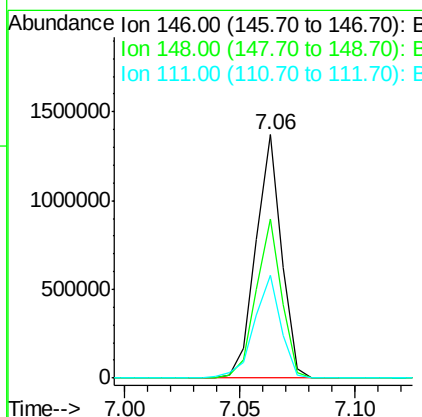
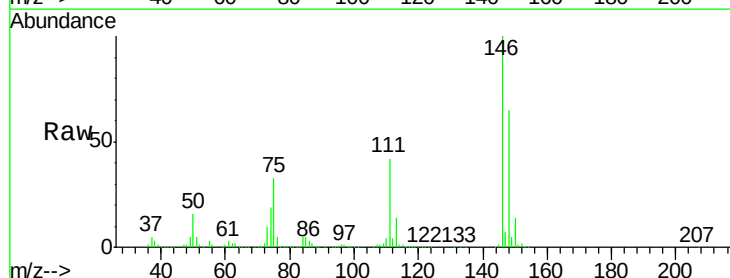
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

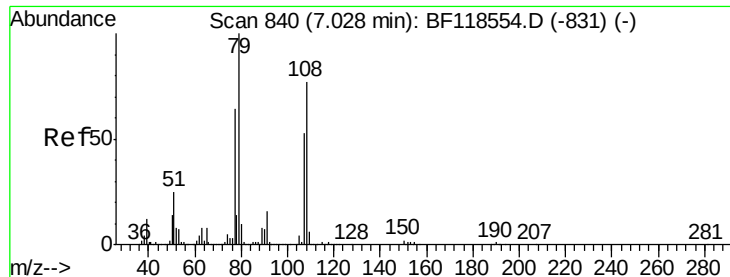
Tot Ion:146 Resp: 1136423
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.4 80.2
 111 39.4 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.538 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion:146 Resp: 1065214
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 42.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 41.736 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

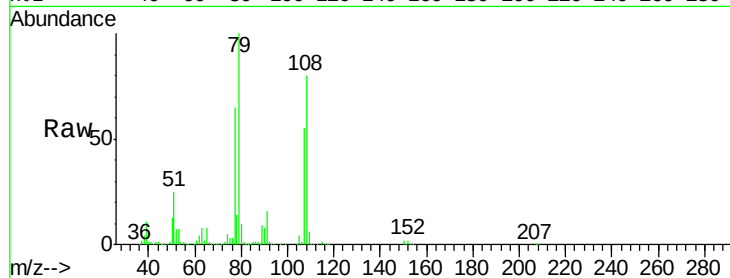
Tot Ion: 79 Resp: 927703

Ion Ratio Lower Upper

79 100

108 80.1 61.9 92.9

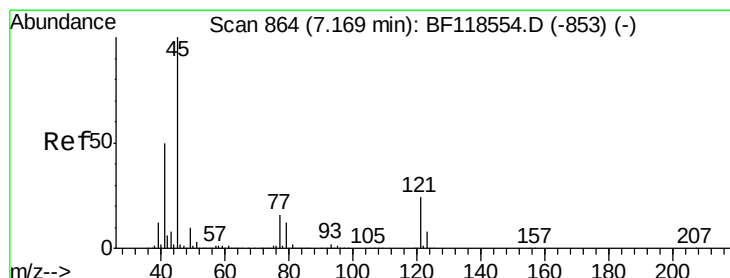
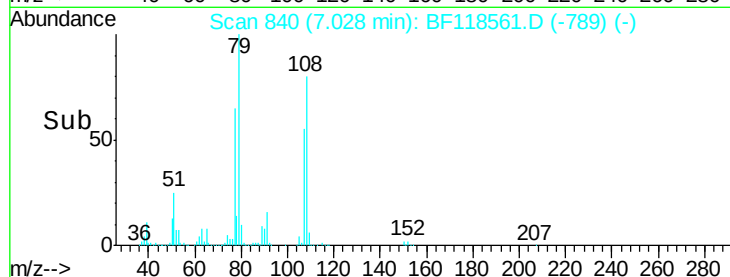
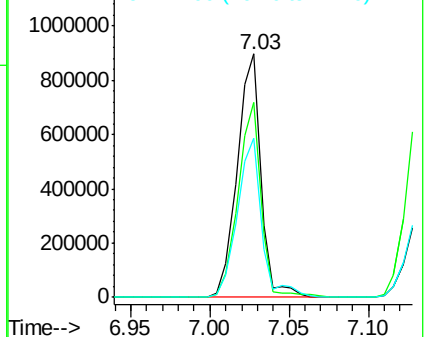
77 65.3 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.408 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

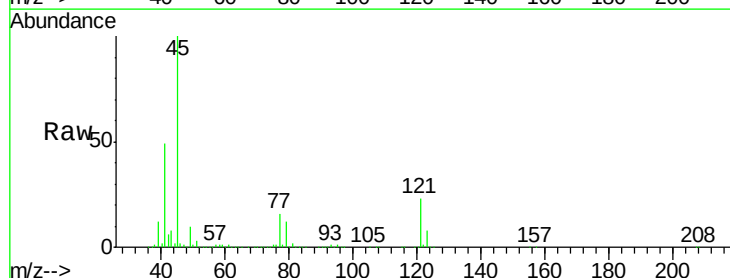
Tgt Ion: 45 Resp: 1341005

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.8

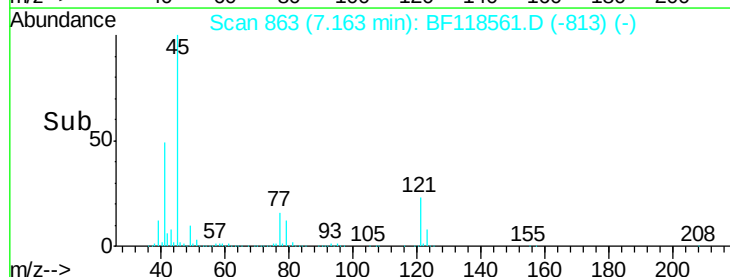
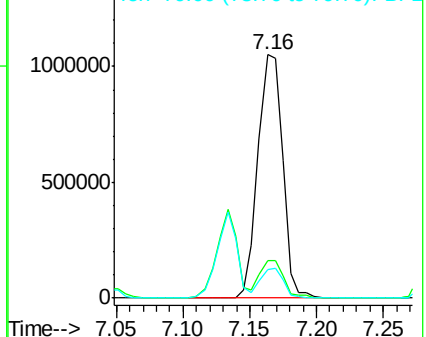
79 11.7 0.0 32.2

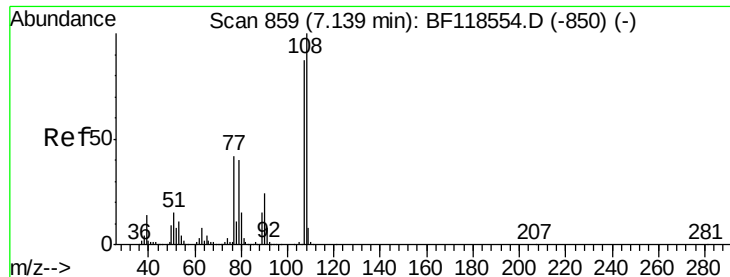


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

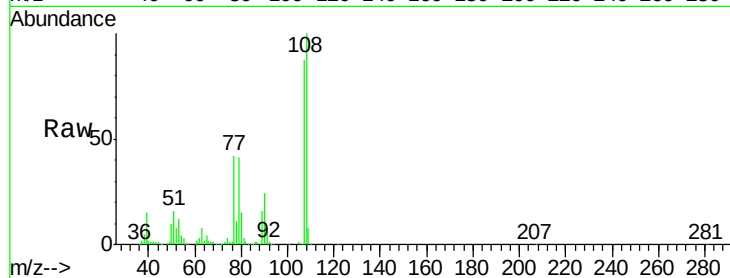




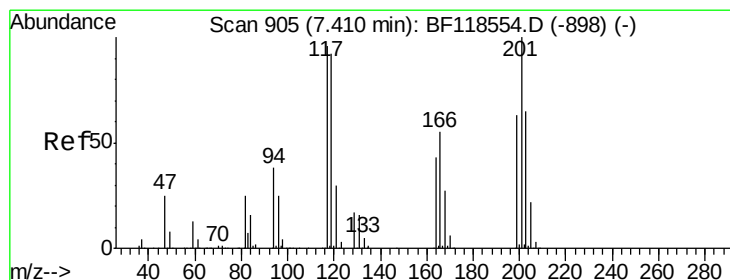
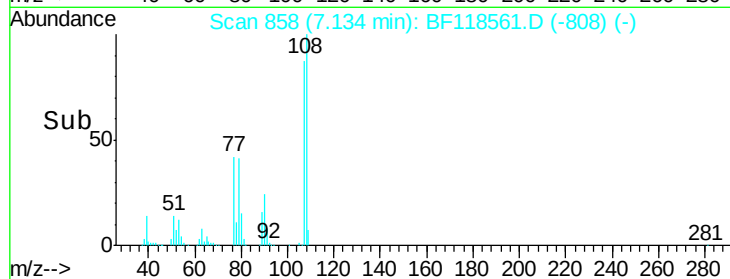
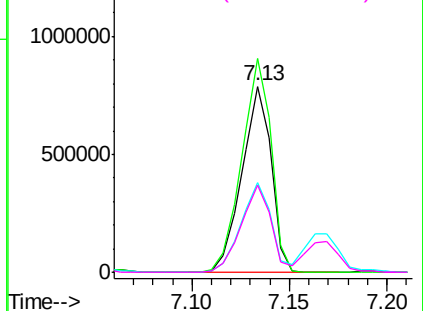
#17
2-Methylphenol
Concen: 41.048 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.3	138.5
77	48.4	38.6	57.8
79	46.9	37.0	55.6

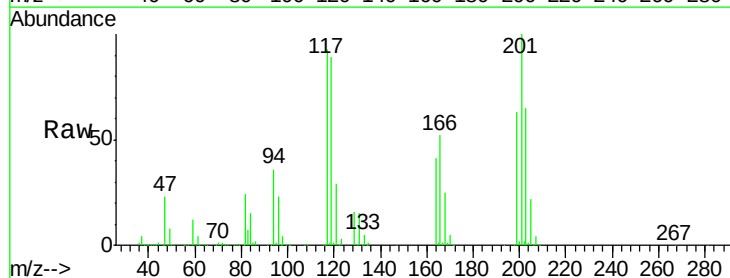


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

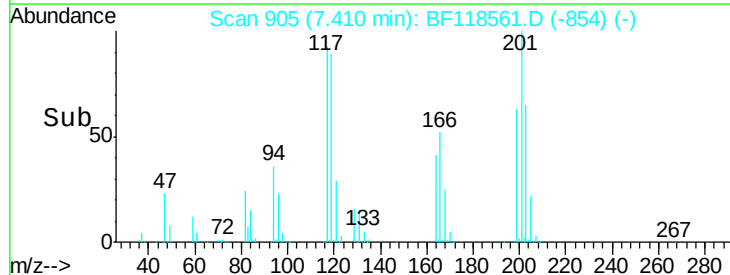
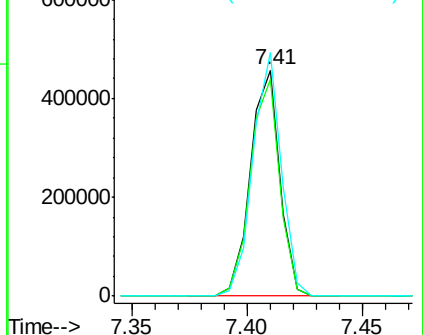


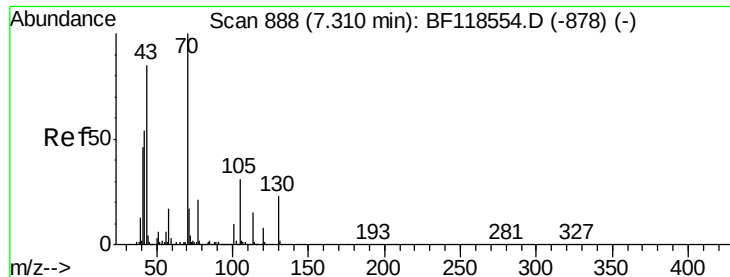
#18
Hexachloroethane
Concen: 39.851 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	107.7	83.6	125.4



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

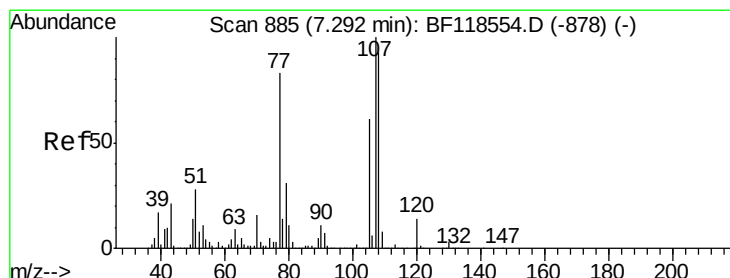
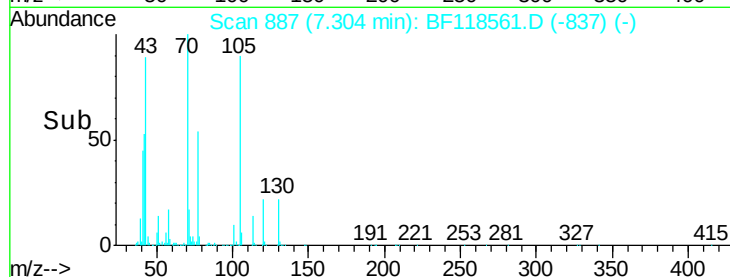
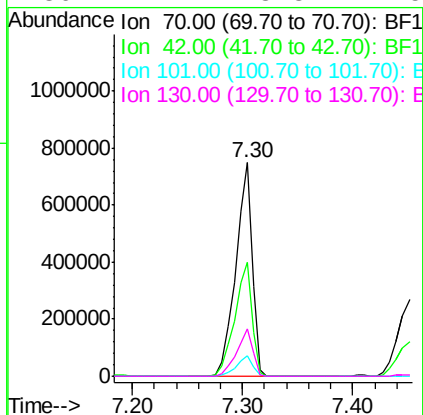
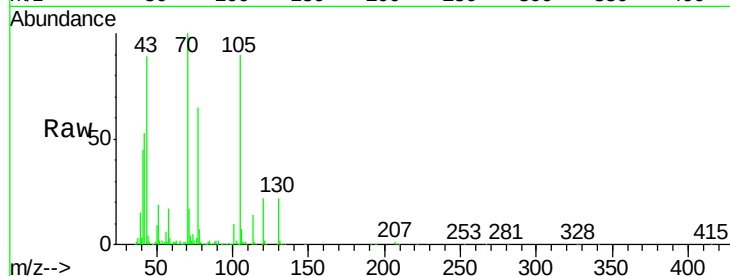




#19
n-Nitroso-di-n-propylamine
Concen: 40.487 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

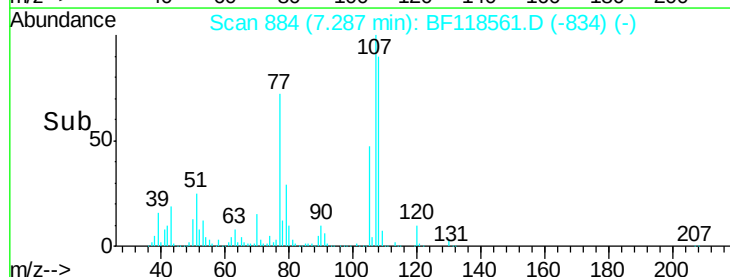
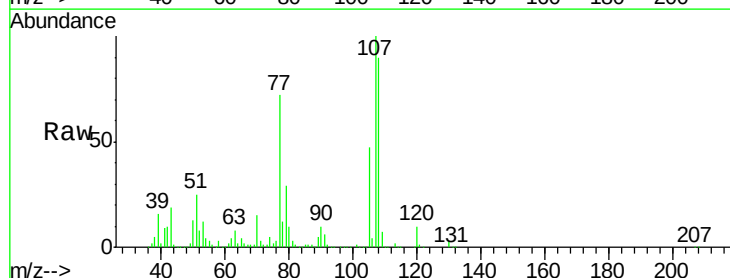
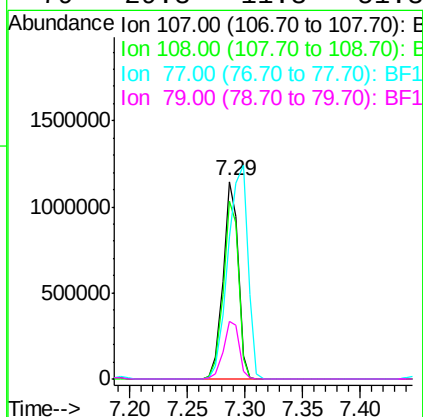
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

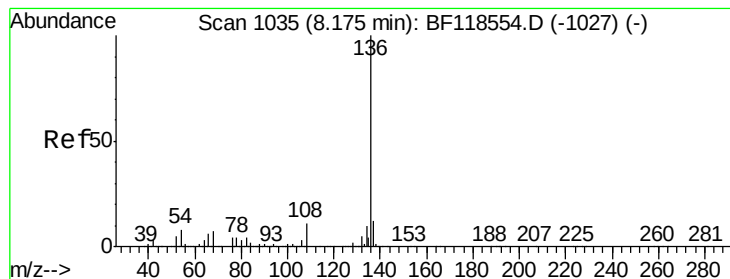
Tot Ion: 70 Resp: 786386
Ion Ratio Lower Upper
70 100
42 53.4 43.6 65.4
101 9.6 7.7 11.5
130 22.1 18.3 27.5



#20
3+4-Methylphenols
Concen: 43.753 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion: 107 Resp: 1044068
Ion Ratio Lower Upper
107 100
108 90.0 72.6 112.6
77 71.7 63.0 103.0
79 29.3 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1407632

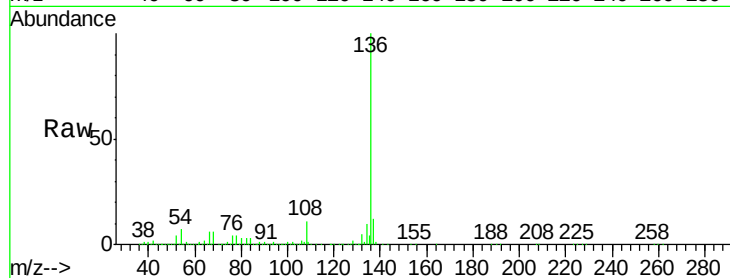
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 7.3 6.2 9.2

68 6.3 5.4 8.0

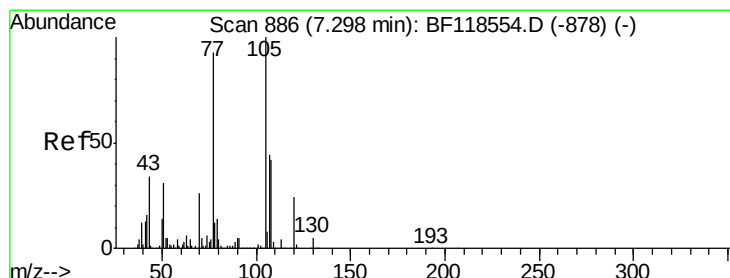
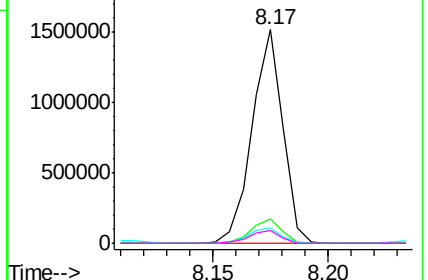
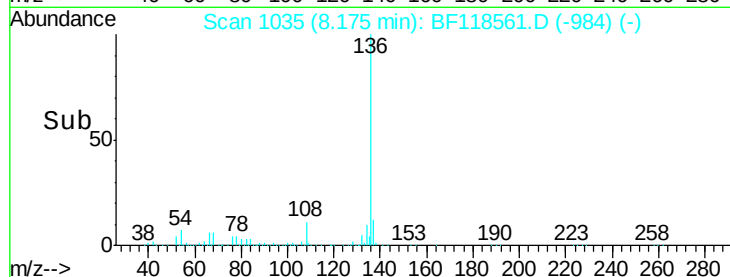


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.349 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Tgt Ion:105 Resp: 1446584

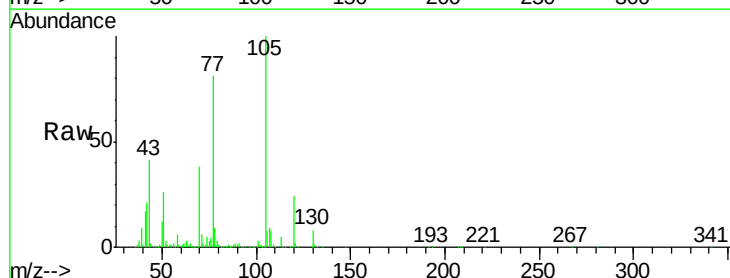
Ion Ratio Lower Upper

105 100

71 6.4 3.8 5.6#

51 26.4 24.9 37.3

120 24.1 19.2 28.8

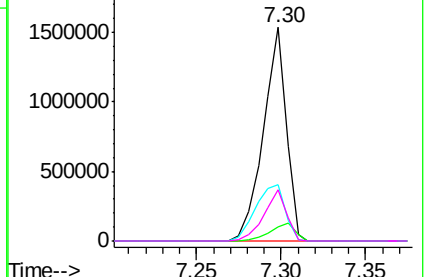
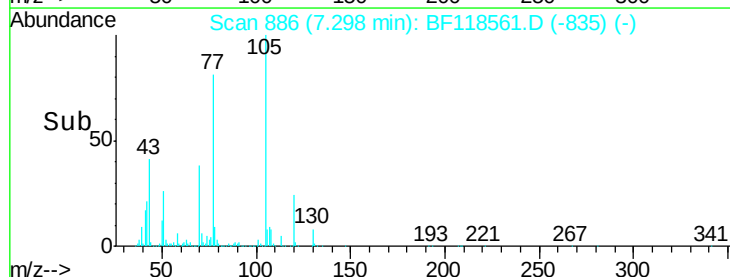


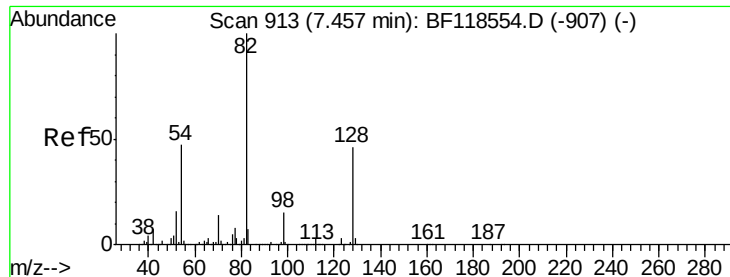
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

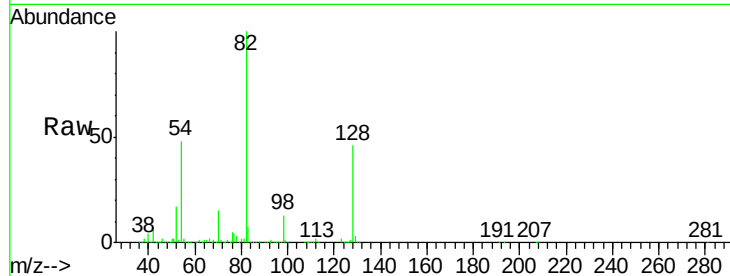




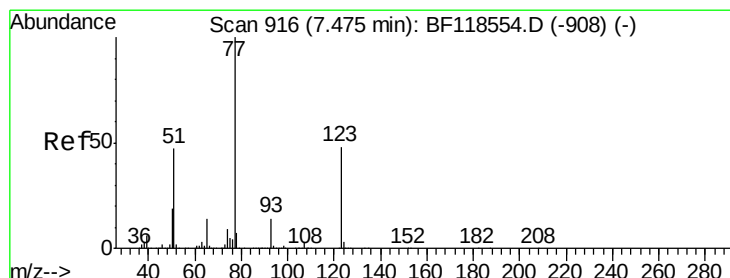
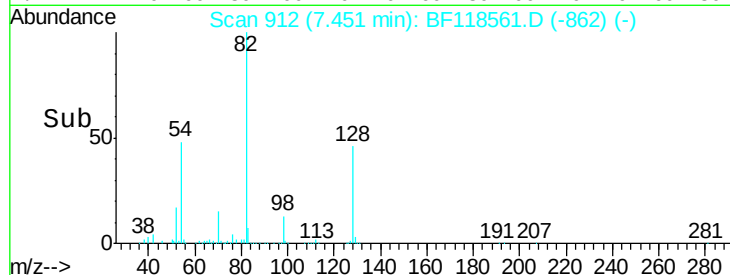
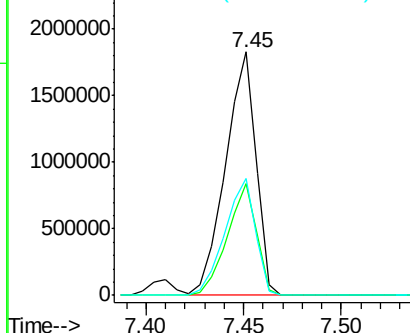
#23
 Nitrobenzene-d5
 Concen: 86.516 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1971805
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.0 55.4
 54 48.1 37.4 56.0

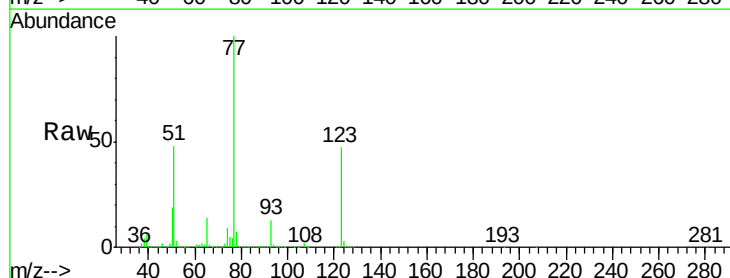


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

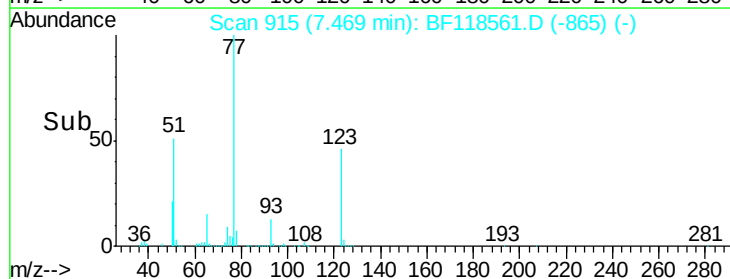
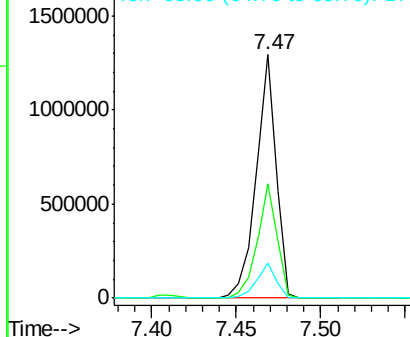


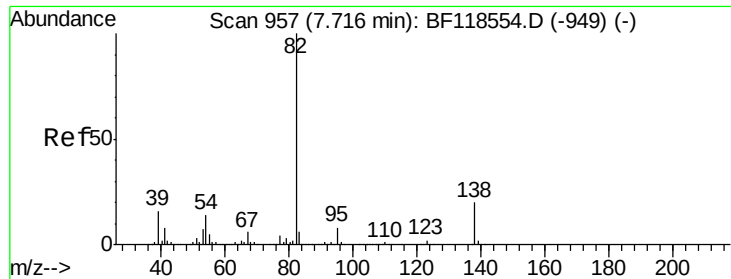
#24
 Nitrobenzene
 Concen: 44.474 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion: 77 Resp: 1077930
 Ion Ratio Lower Upper
 77 100
 123 46.8 38.2 57.2
 65 14.1 11.1 16.7



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

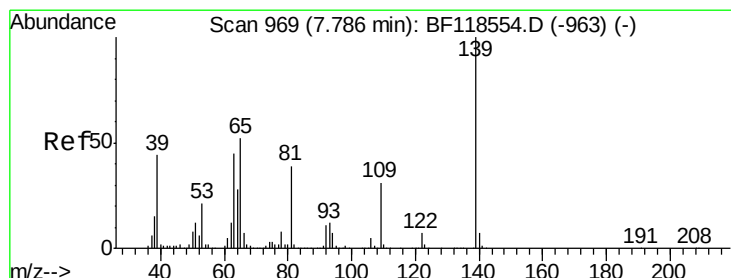
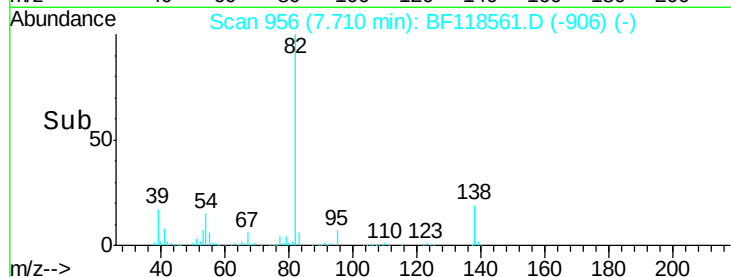
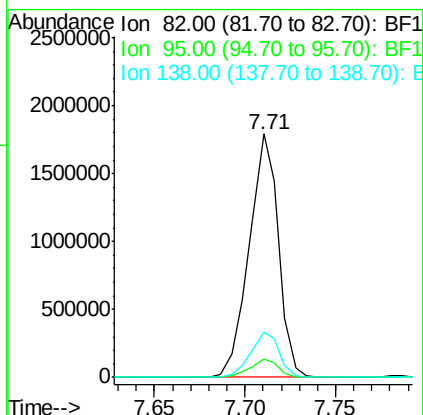
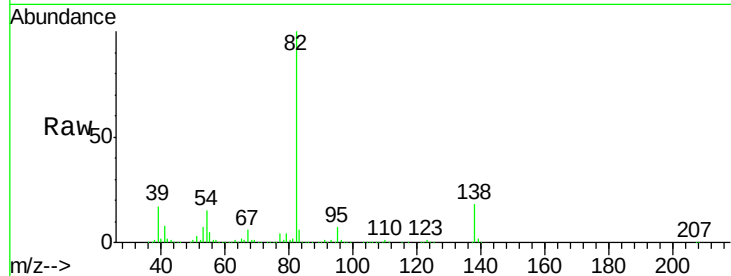




#25
Isophorone
Concen: 40.550 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

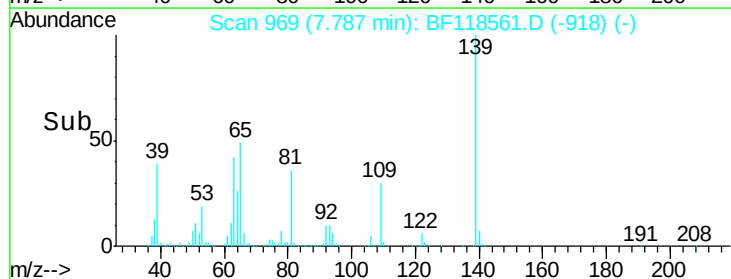
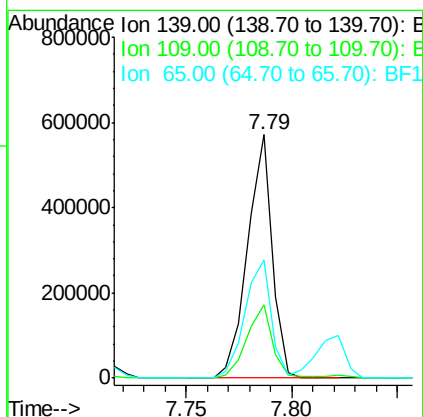
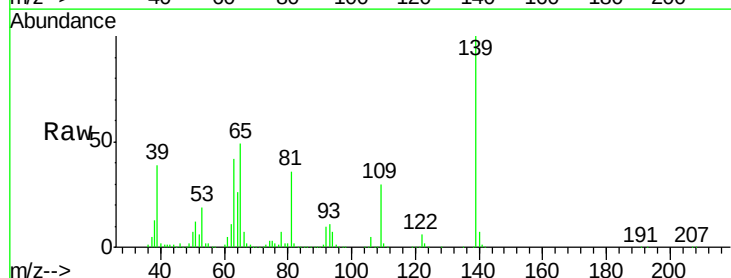
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

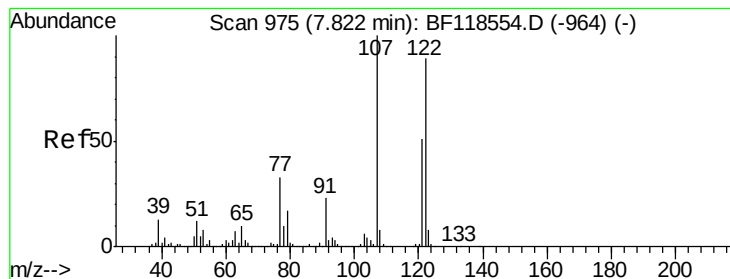
Tot Ion: 82 Resp: 2005773
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.4 15.8 23.8



#26
2-Nitrophenol
Concen: 44.798 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion: 139 Resp: 464313
Ion Ratio Lower Upper
139 100
109 30.0 24.6 36.8
65 48.7 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 48.364 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

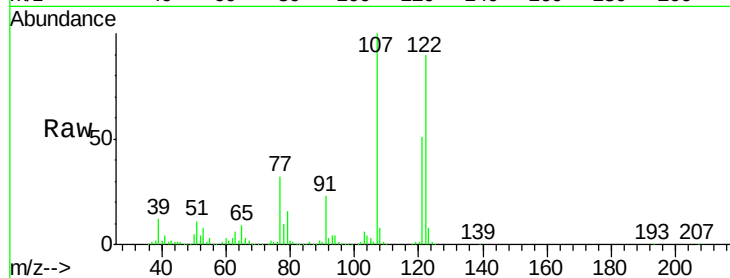
Tot Ion:122 Resp: 951440

Ion Ratio Lower Upper

122 100

107 111.4 89.6 134.4

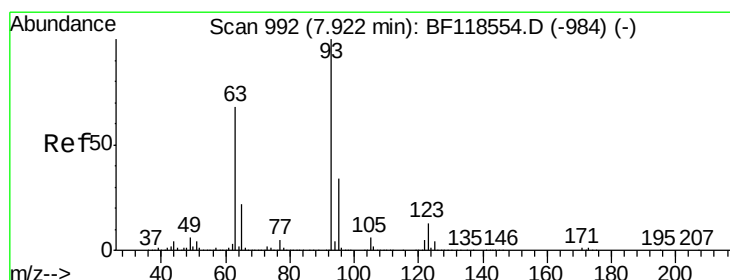
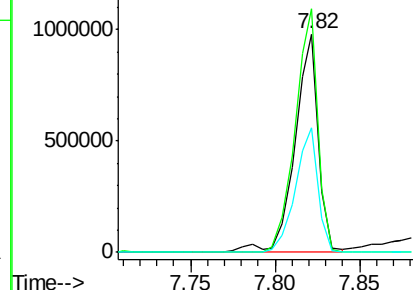
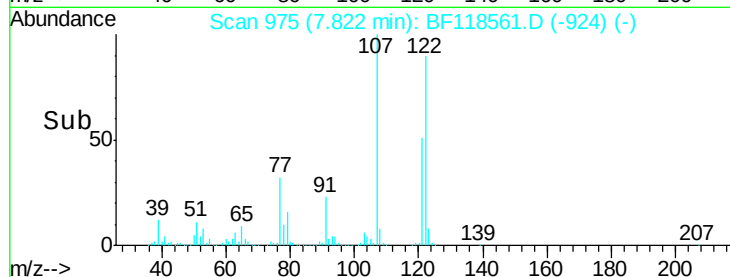
121 57.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.893 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

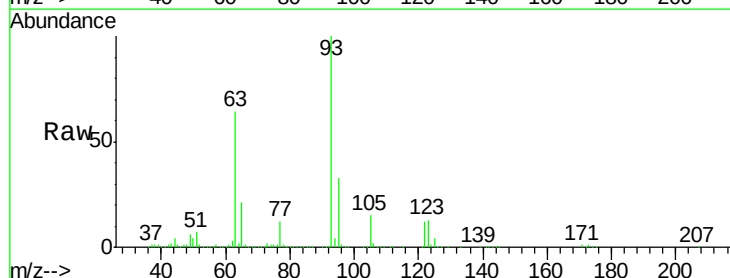
Tgt Ion: 93 Resp: 1236084

Ion Ratio Lower Upper

93 100

95 33.3 27.3 40.9

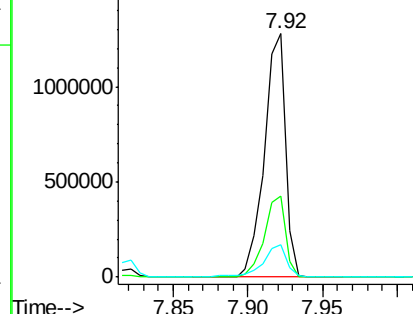
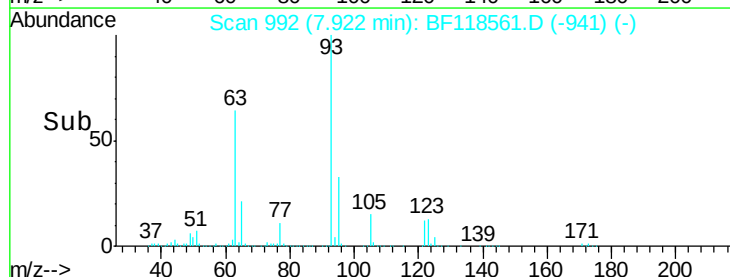
123 13.3 10.2 15.4

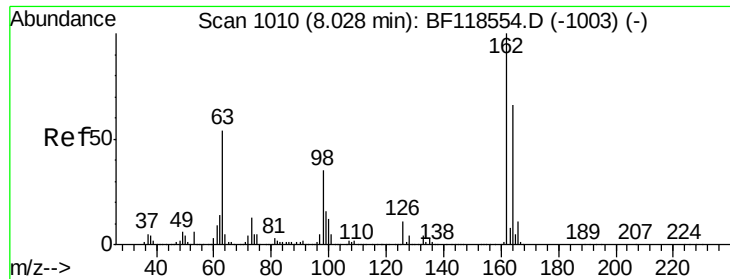


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

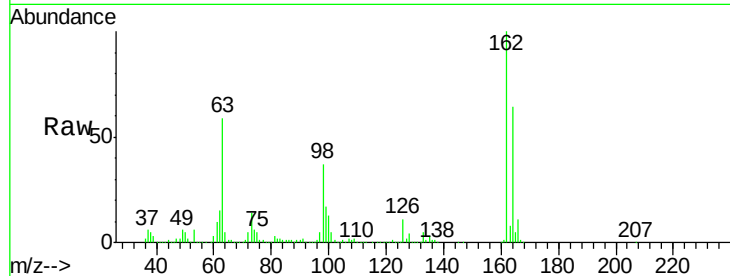




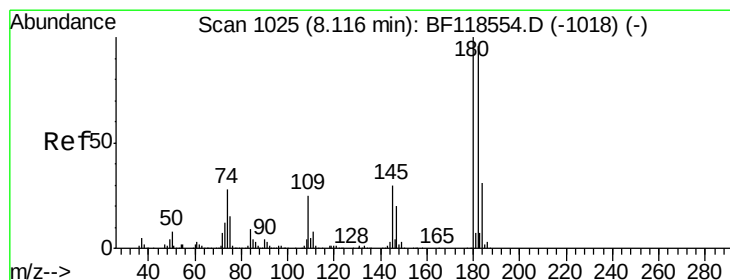
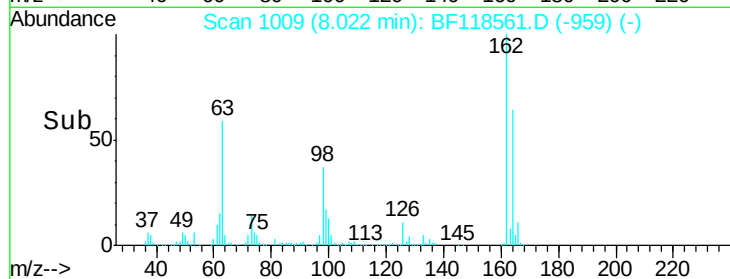
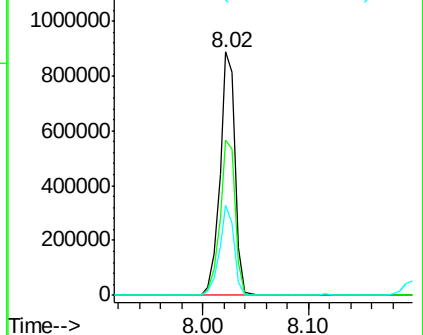
#29
 2,4-Dichlorophenol
 Concen: 41.250 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.6	85.6
98	37.2	15.4	55.4

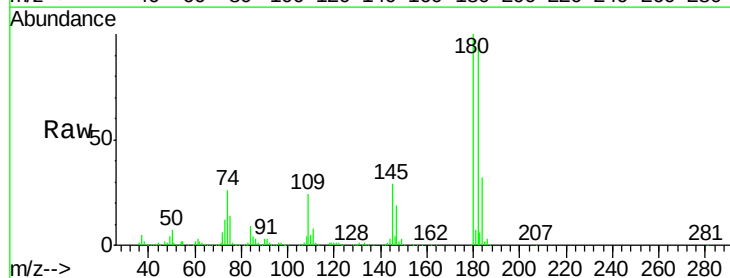


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

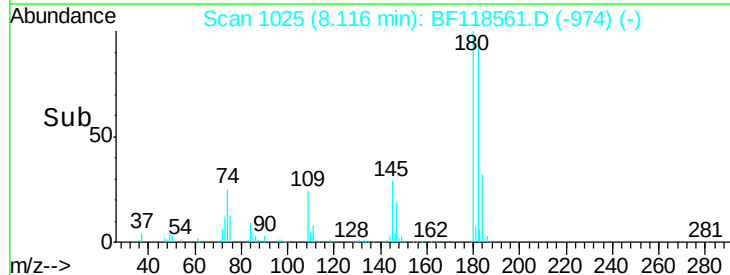
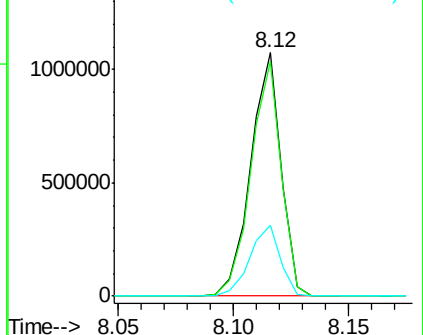


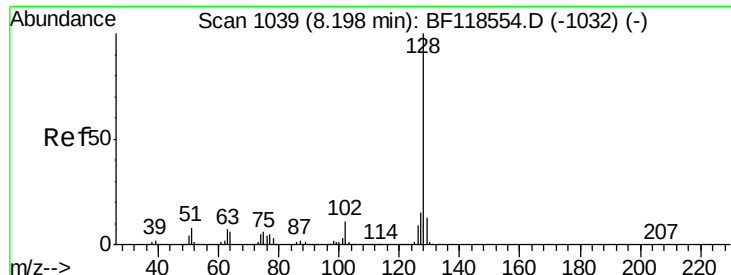
#30
 1,2,4-Trichlorobenzene
 Concen: 38.964 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	29.1	24.2	36.2



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

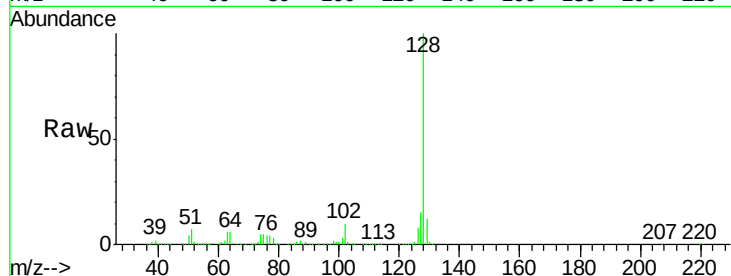




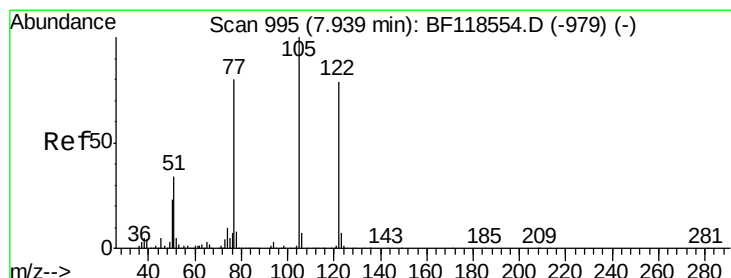
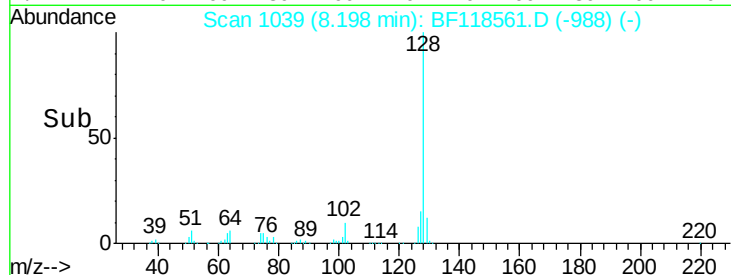
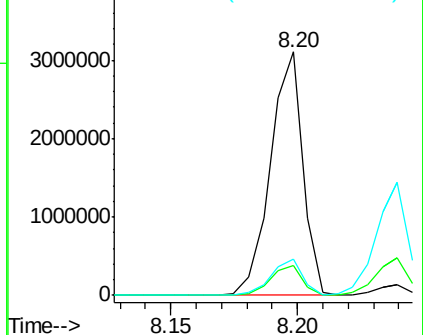
#31
Naphthalene
Concen: 42.027 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2789874
Ion Ratio Lower Upper
128 100
129 12.4 10.3 15.5
127 14.9 12.1 18.1

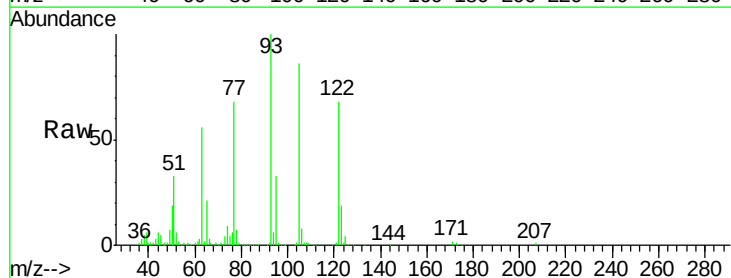


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

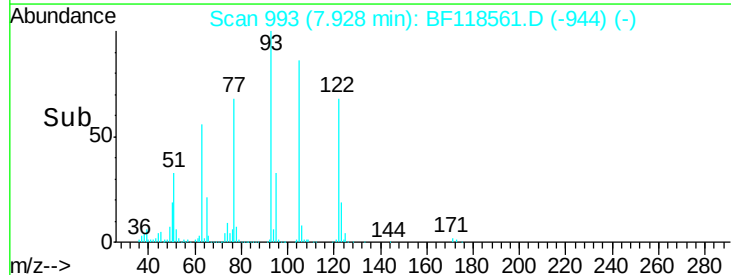
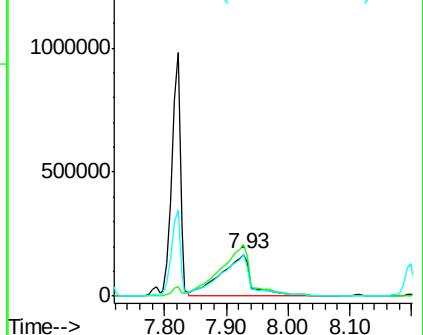


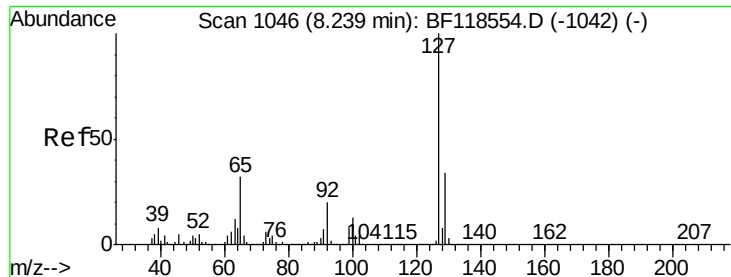
#32
Benzoic acid
Concen: 43.602 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:122 Resp: 576010
Ion Ratio Lower Upper
122 100
105 125.8 105.0 145.0
77 99.2 80.7 120.7



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

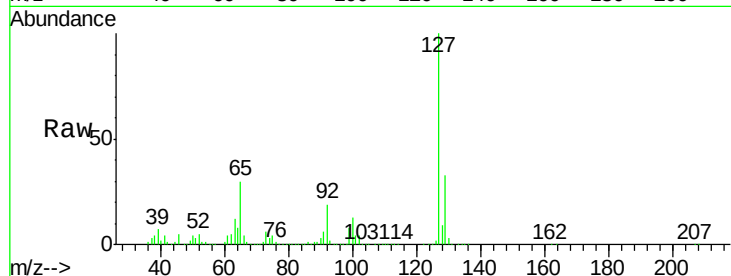




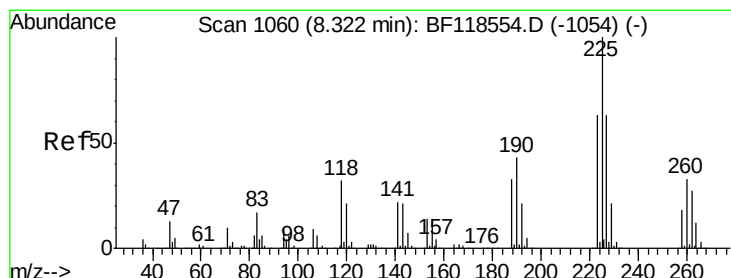
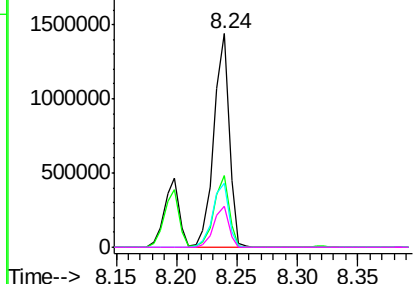
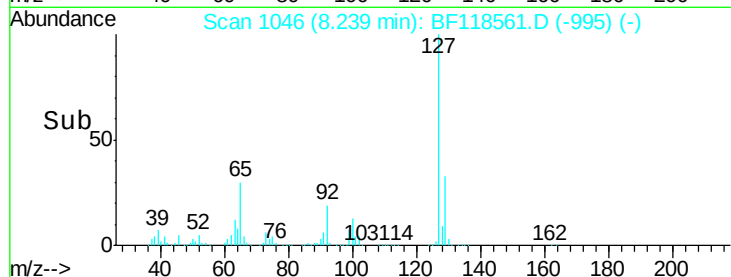
#33
4-Chloroaniline
Concen: 40.381 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1245527
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.0	40.4
65	30.3	25.8	38.8
92	19.0	15.8	23.8

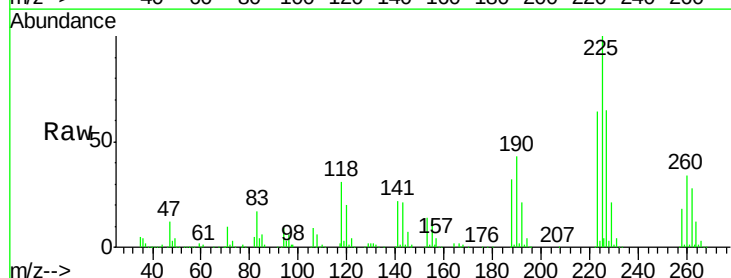


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

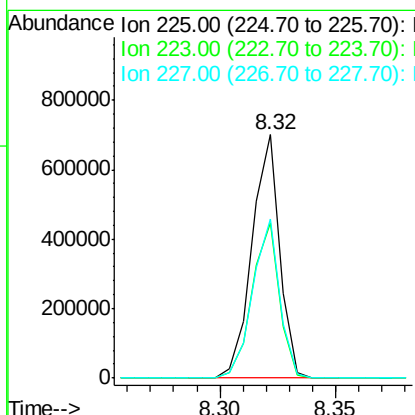
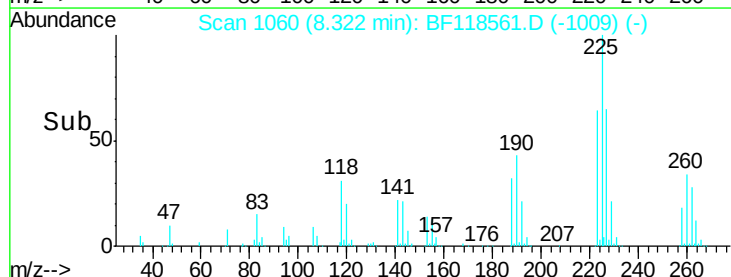


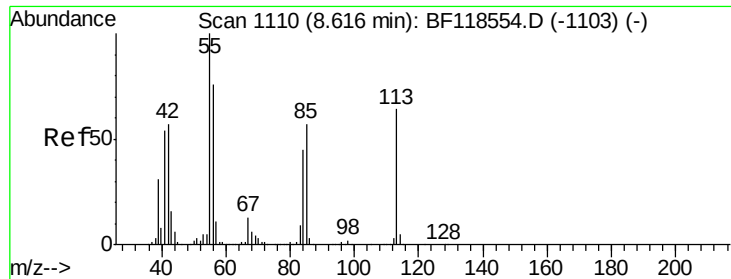
#34
Hexachlorobutadiene
Concen: 37.315 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:	225	Resp:	587355
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	65.2	50.4	75.6



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

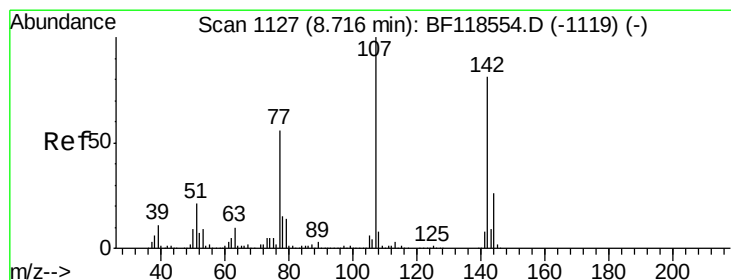
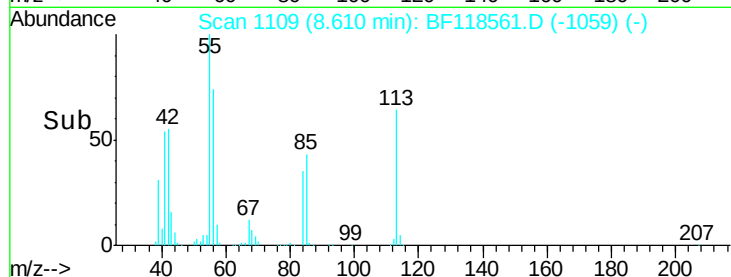
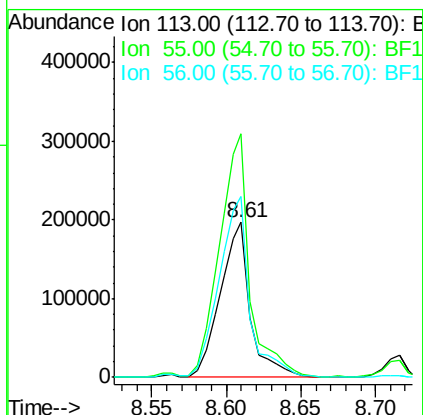
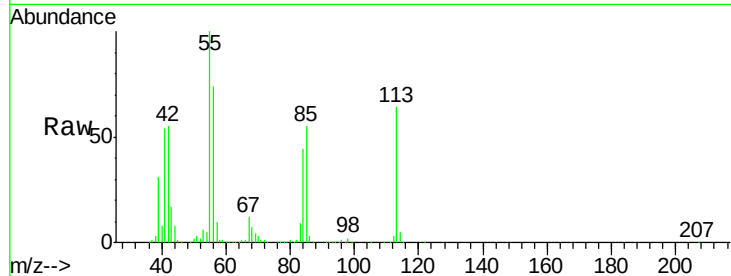




#35
 Caprolactam
 Concen: 41.175 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

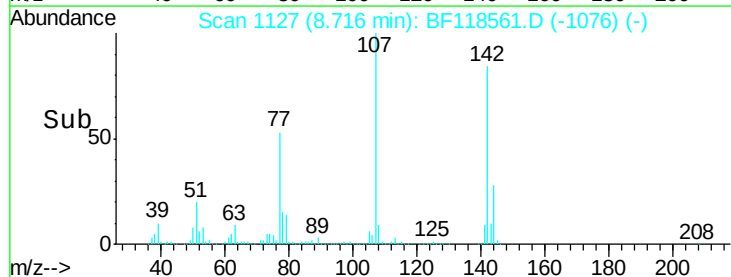
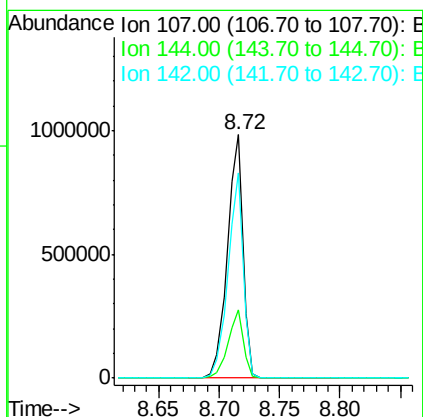
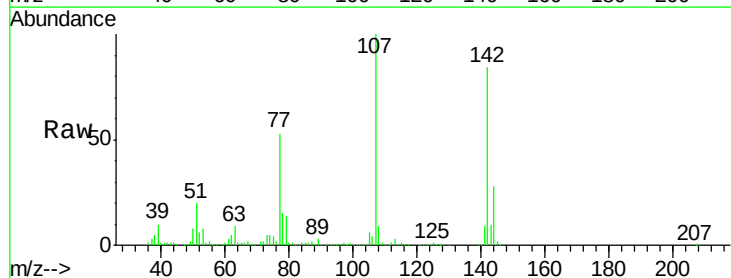
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

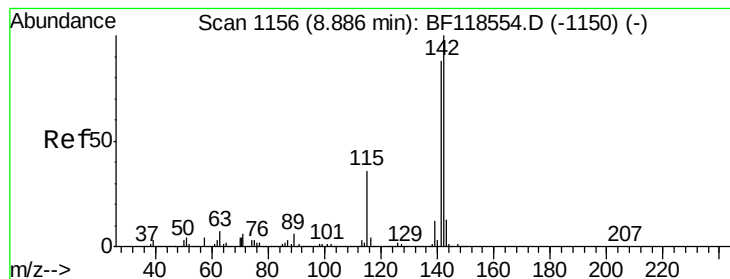
Tot Ion:113 Resp: 277367
 Ion Ratio Lower Upper
 113 100
 55 156.9 137.3 177.3
 56 116.3 99.7 139.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.444 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion:107 Resp: 889632
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.2 31.8
 142 84.1 64.4 96.6





#37

2-Methylnaphthalene

Concen: 42.109 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

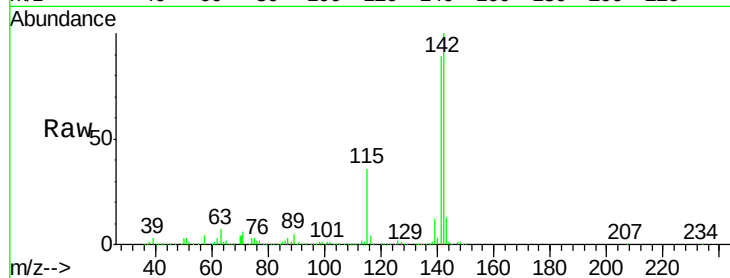
Tot Ion:142 Resp: 1980393

Ion Ratio Lower Upper

142 100

141 88.9 70.6 106.0

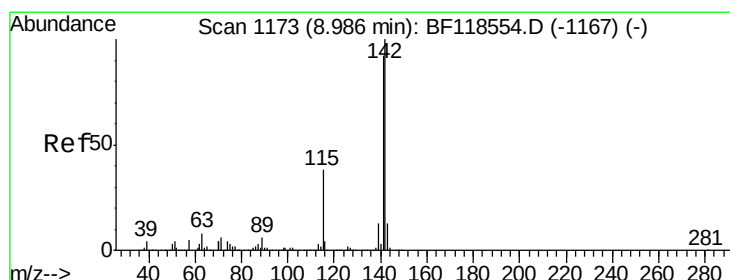
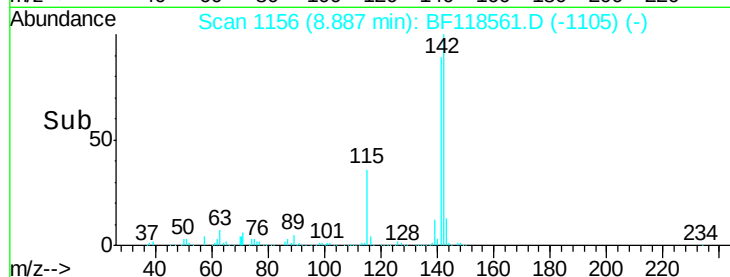
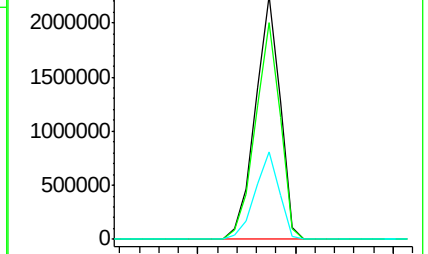
115 35.7 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.677 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

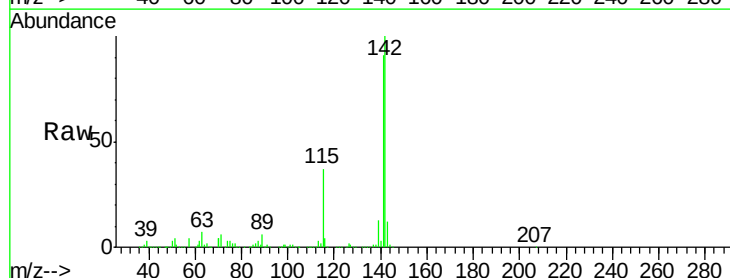
Tgt Ion:142 Resp: 1854341

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.6

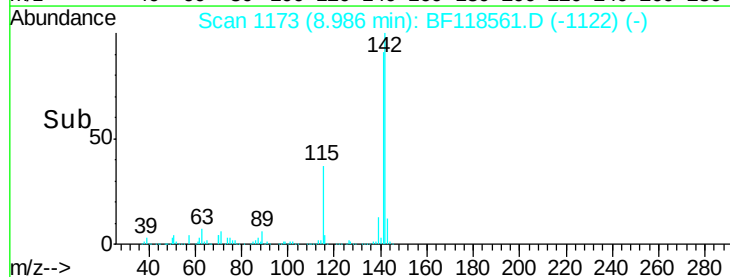
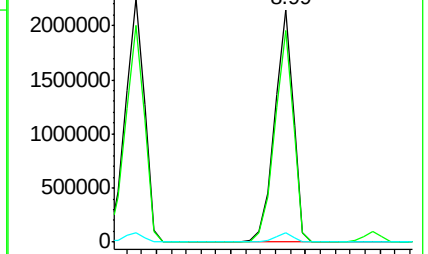
116 4.0 3.3 4.9

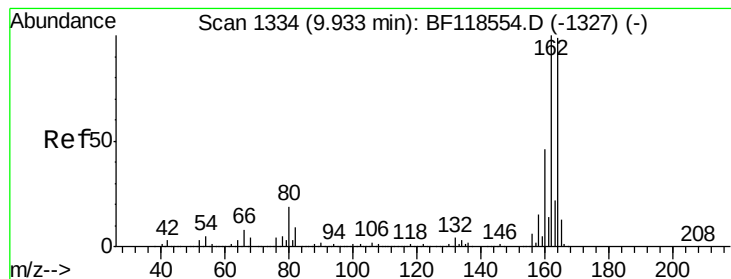


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

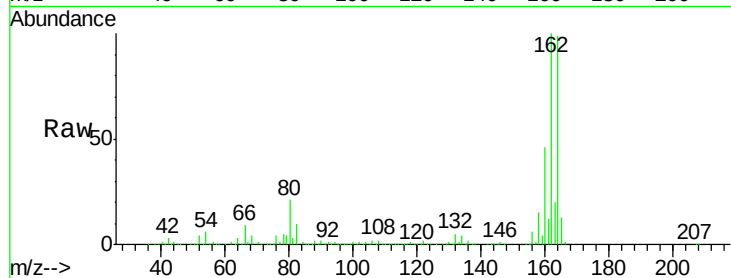
Tot Ion:164 Resp: 793009

Ion Ratio Lower Upper

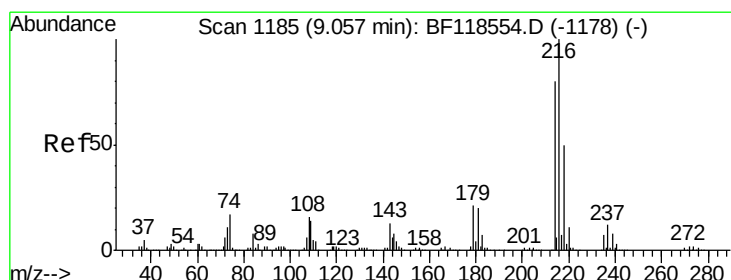
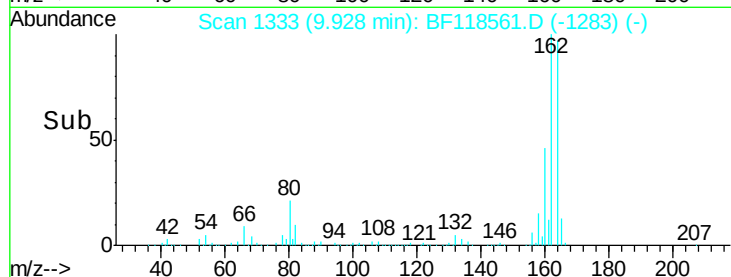
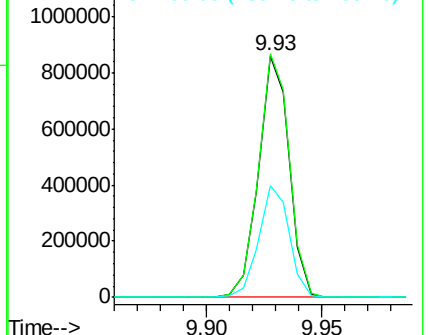
164 100

162 101.0 80.6 120.8

160 46.2 36.7 55.1



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: 41.603 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Tgt Ion:216 Resp: 1064118

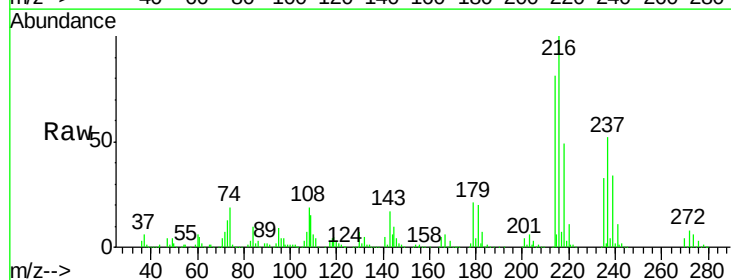
Ion Ratio Lower Upper

216 100

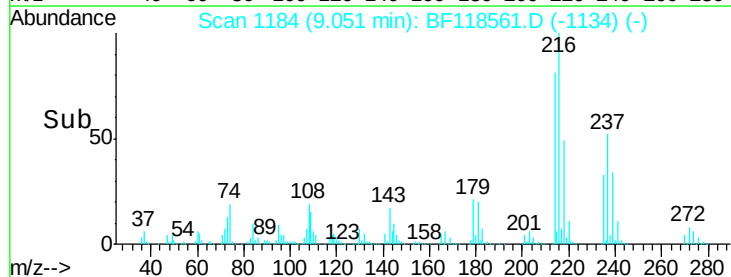
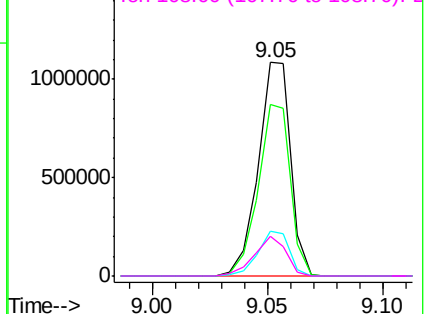
214 79.9 63.6 95.4

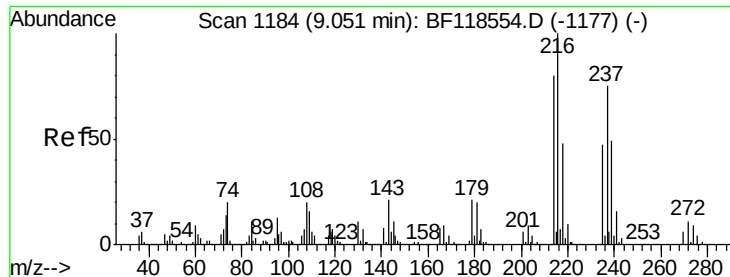
179 20.4 16.5 24.7

108 18.2 14.6 21.8



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: 48.977 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

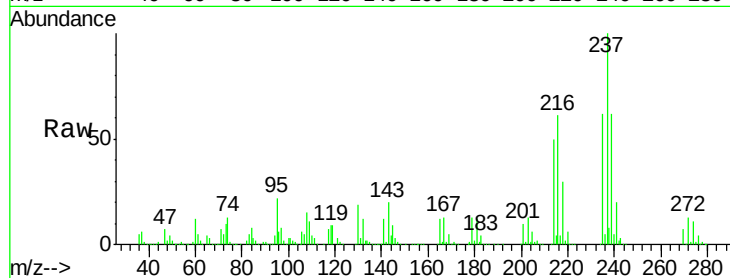
Tot Ion:237 Resp: 654530

Ion Ratio Lower Upper

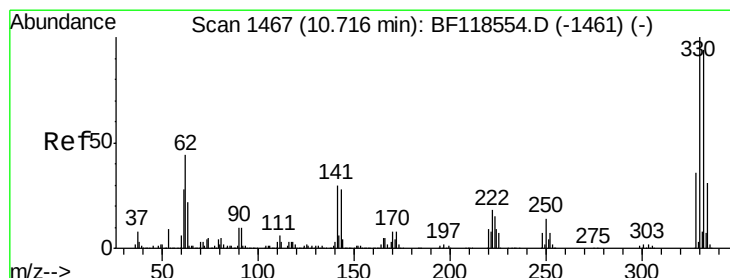
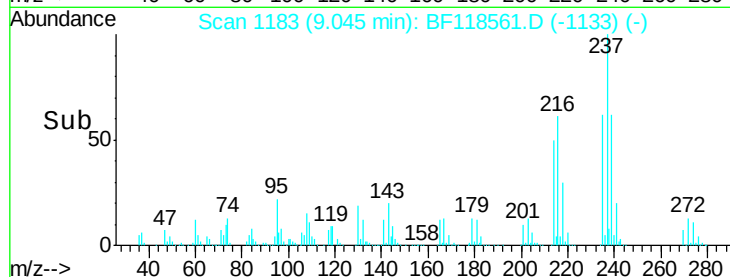
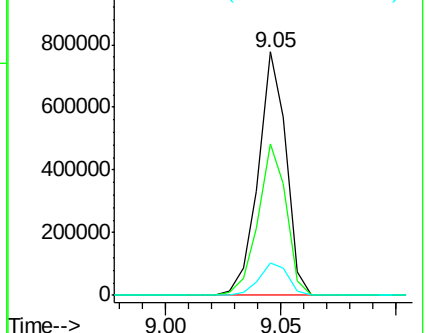
237 100

235 62.3 42.1 82.1

272 13.5 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 86.471 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

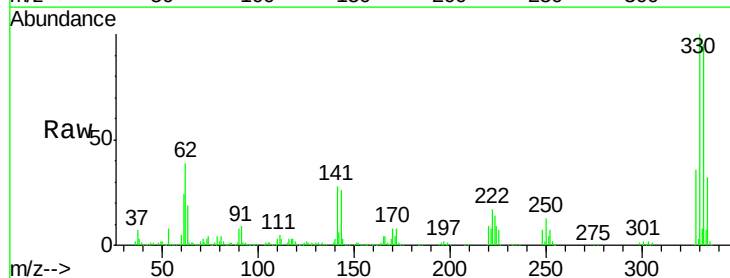
Tgt Ion:330 Resp: 758051

Ion Ratio Lower Upper

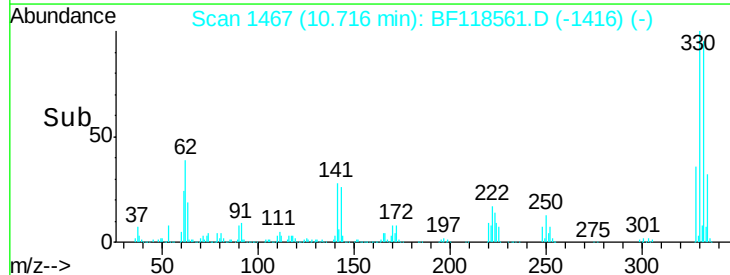
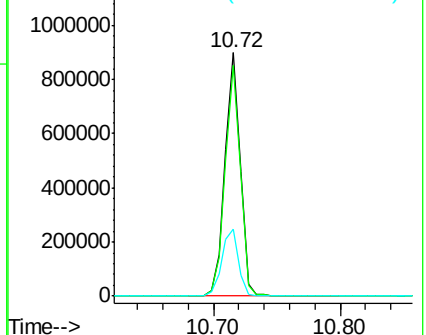
330 100

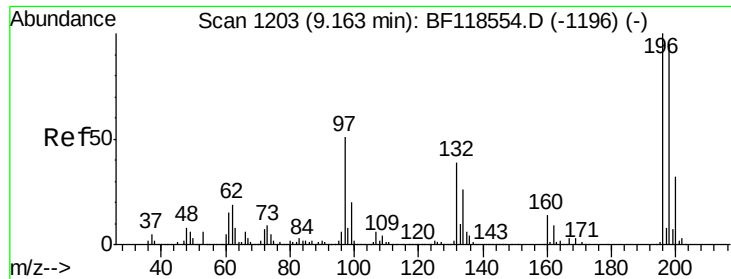
332 95.0 76.4 114.6

141 30.2 23.4 35.2



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

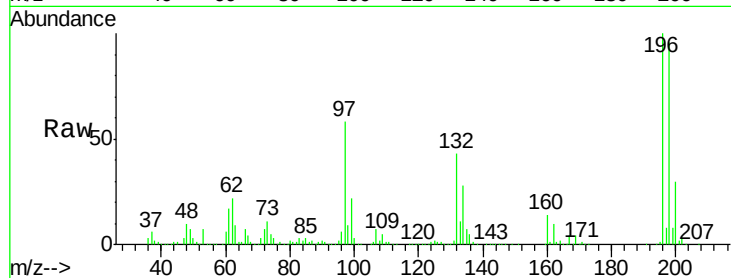




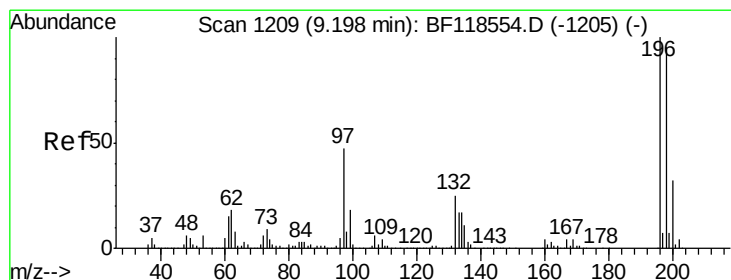
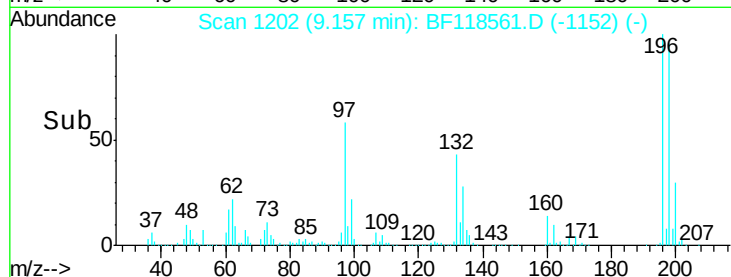
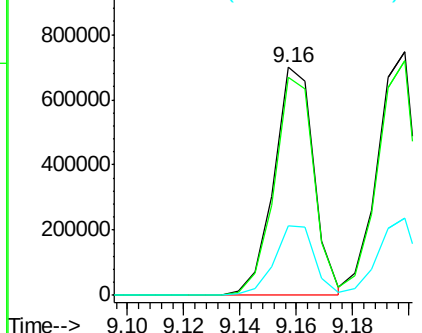
#43
 2,4,6-Trichlorophenol
 Concen: 41.865 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 682259
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.0 114.0
 200 30.3 25.4 38.0



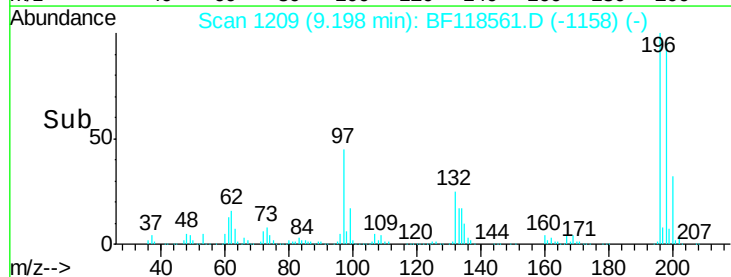
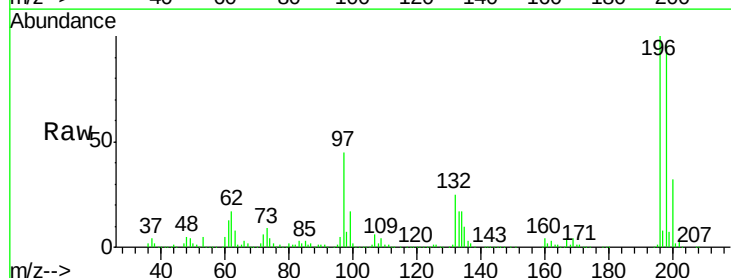
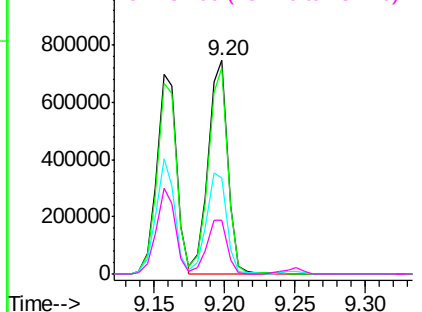
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

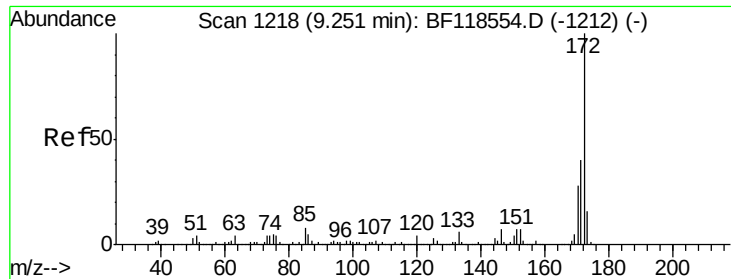


#44
 2,4,5-Trichlorophenol
 Concen: 43.394 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion:196 Resp: 714971
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.4
 97 44.9 37.4 56.2
 132 25.1 20.3 30.5

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

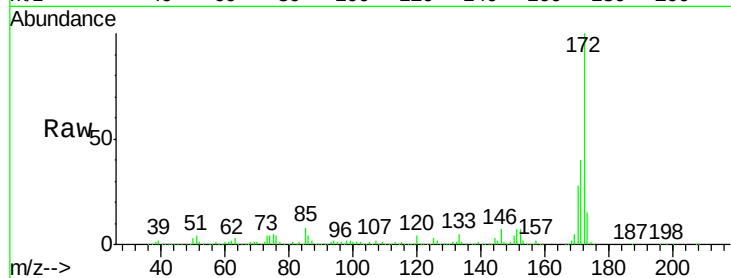




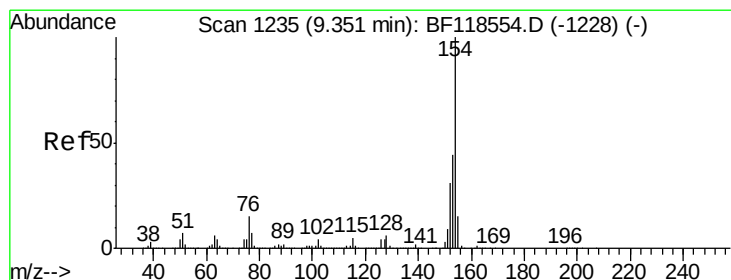
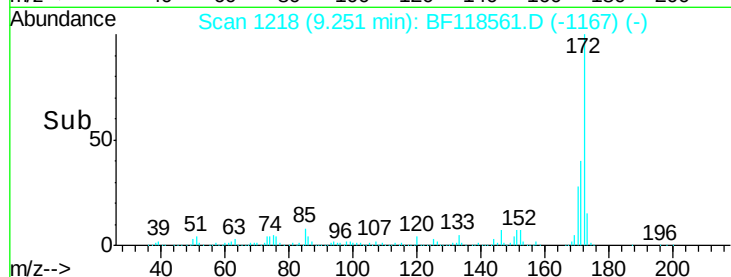
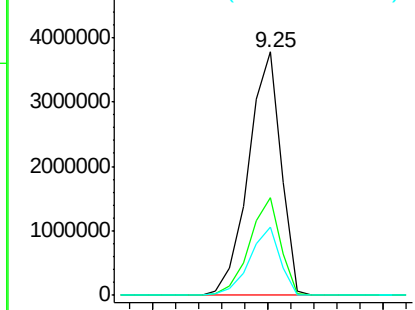
#45
2-Fluorobiphenyl
Concen: 84.529 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 3713098
Ion Ratio Lower Upper
172 100
171 40.4 32.4 48.6
170 27.9 22.5 33.7

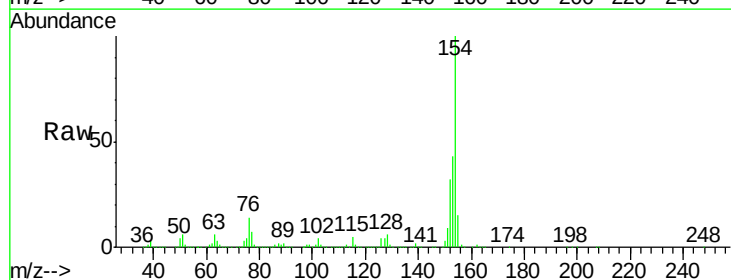


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

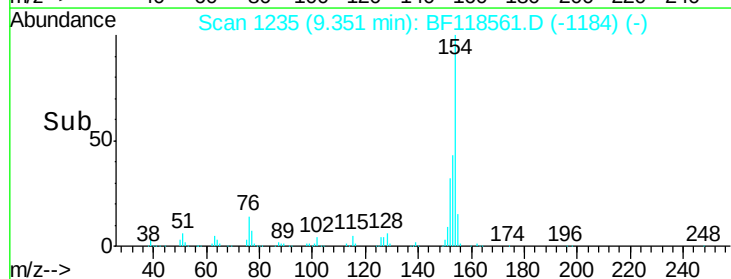
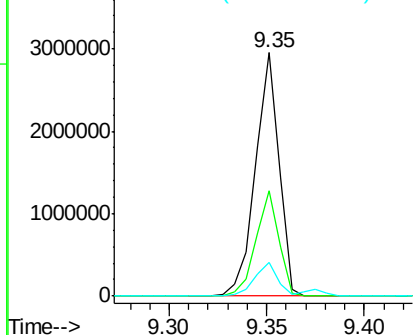


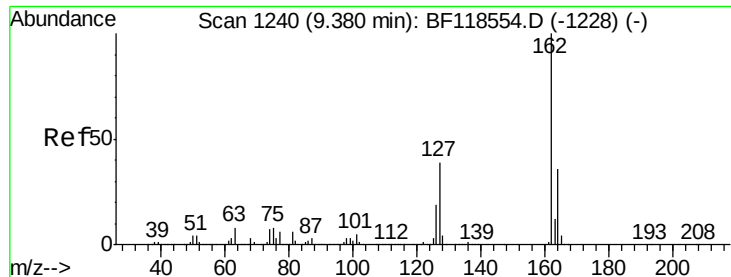
#46
1,1'-Biphenyl
Concen: 43.549 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:154 Resp: 2467630
Ion Ratio Lower Upper
154 100
153 43.4 23.7 63.7
76 13.9 0.0 35.2



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

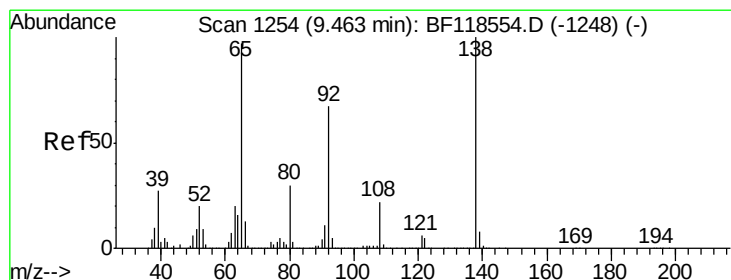
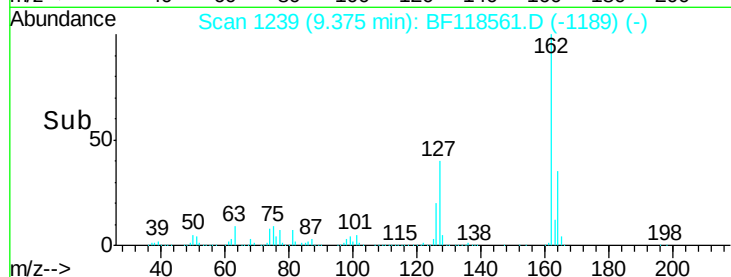
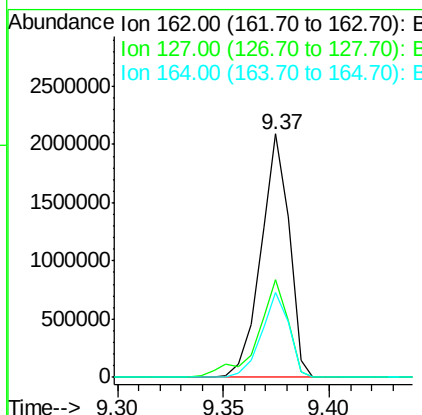
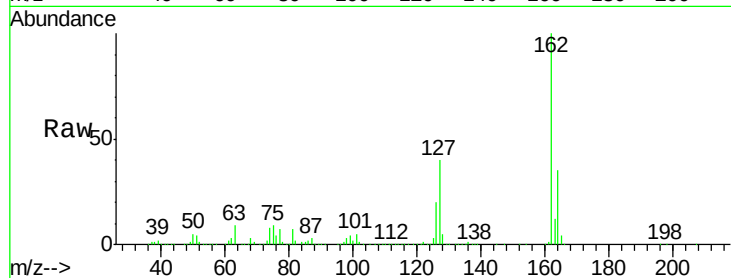




#47
2-Chloronaphthalene
Concen: 40.590 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

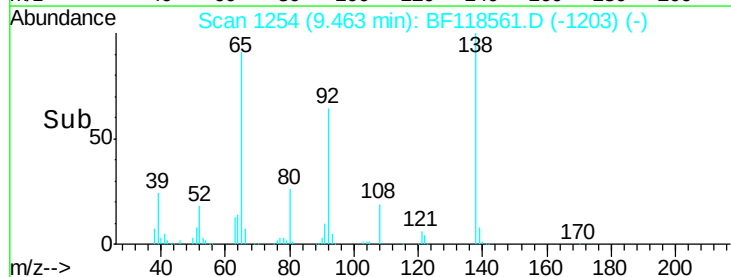
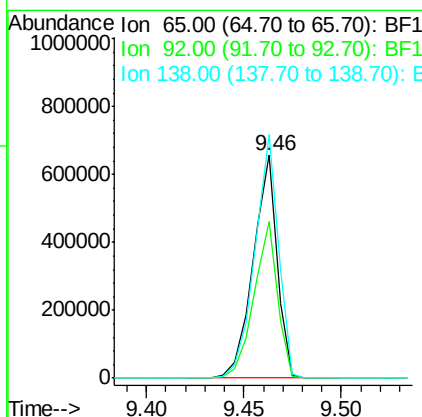
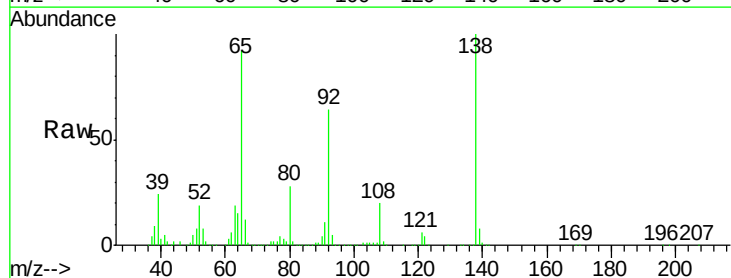
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

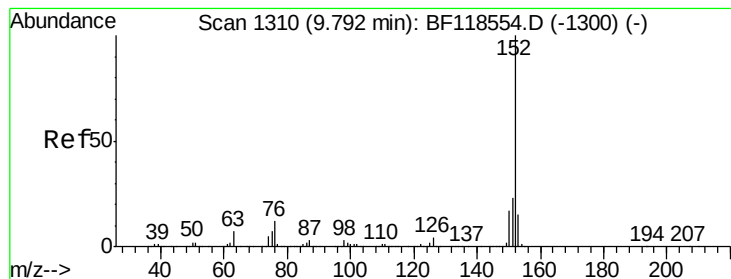
Tot Ion:162 Resp: 1938587
Ion Ratio Lower Upper
162 100
127 40.2 31.0 46.4
164 34.8 28.6 42.8



#48
2-Nitroaniline
Concen: 44.815 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion: 65 Resp: 556680
Ion Ratio Lower Upper
65 100
92 70.1 55.3 82.9
138 109.2 82.9 124.3





#49

Acenaphthylene

Concen: 43.171 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

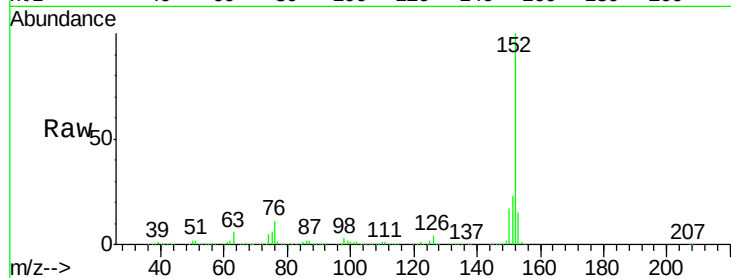
Tot Ion:152 Resp: 2911169

Ion Ratio Lower Upper

152 100

151 22.8 18.6 27.8

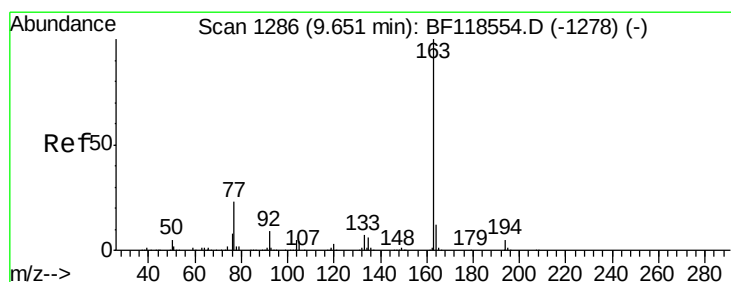
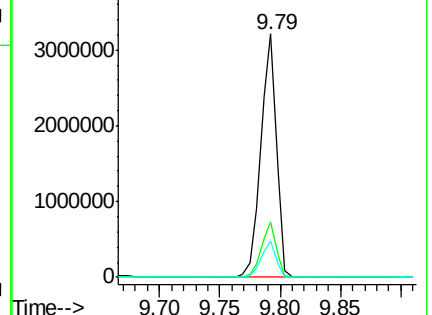
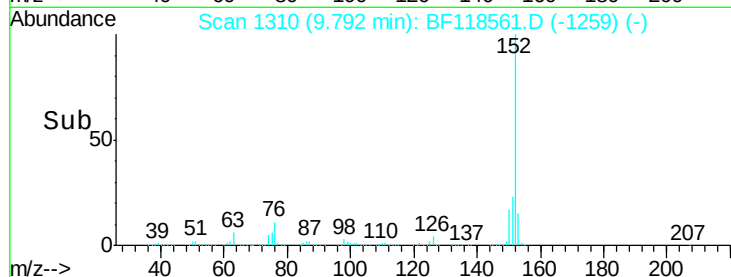
153 15.1 12.3 18.5



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: 39.784 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

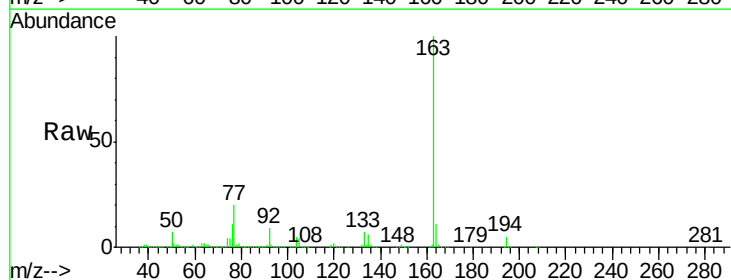
Tgt Ion:163 Resp: 2166155

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

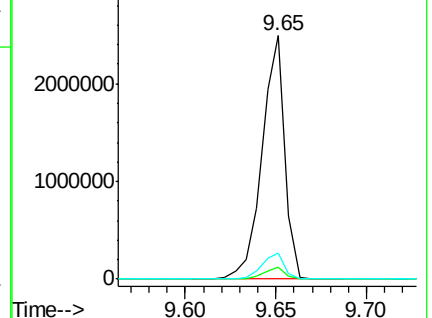
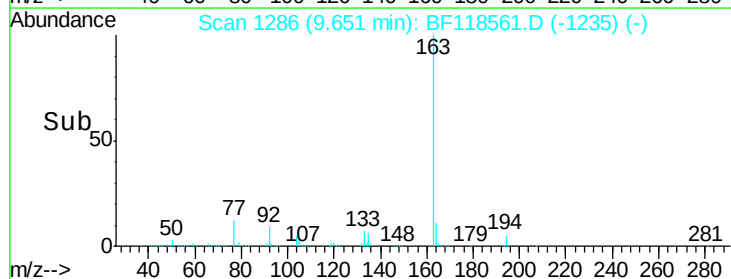
164 10.9 9.3 13.9

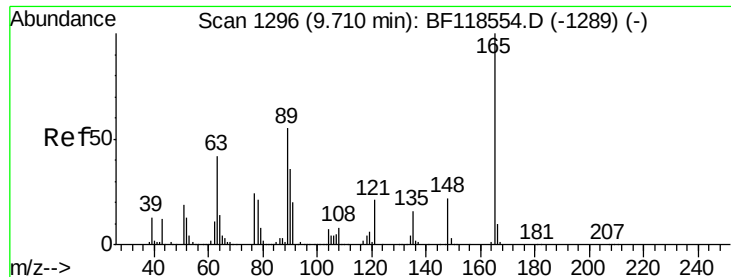


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.148 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

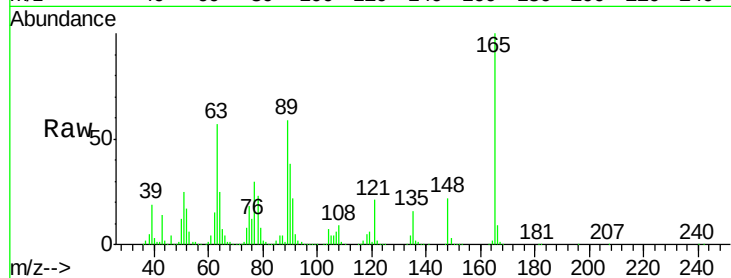
Tot Ion:165 Resp: 500186

Ion Ratio Lower Upper

165 100

63 57.4 41.9 62.9

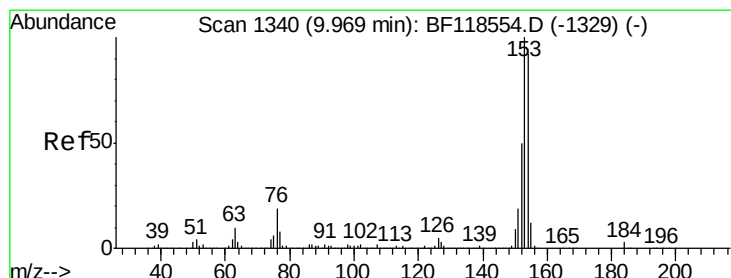
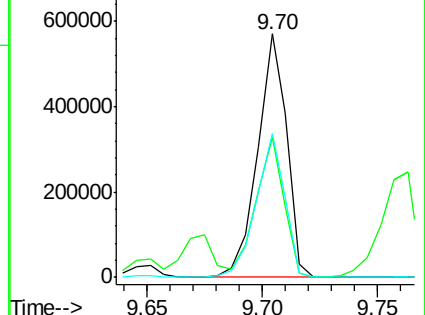
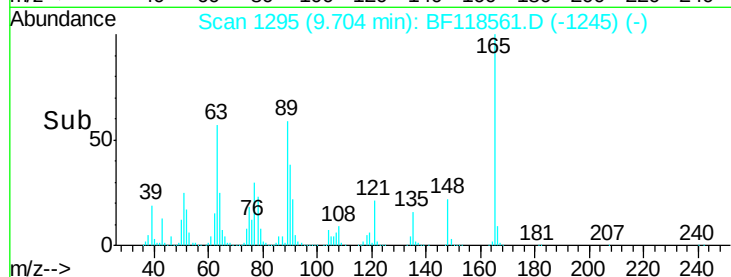
89 59.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.767 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

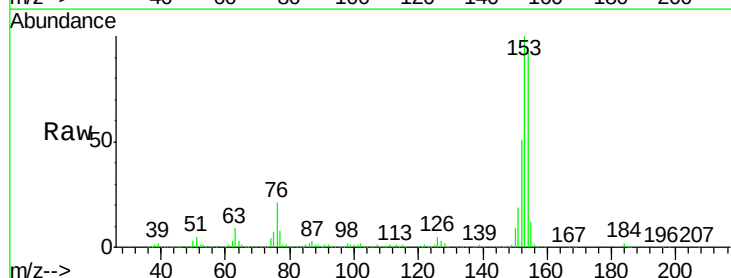
Tgt Ion:154 Resp: 1845074

Ion Ratio Lower Upper

154 100

153 108.4 87.0 130.4

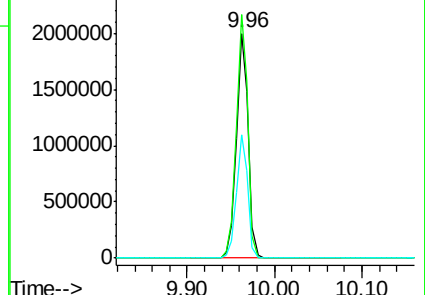
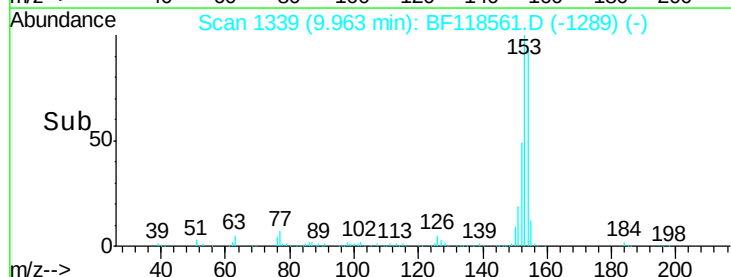
152 54.9 43.8 65.8

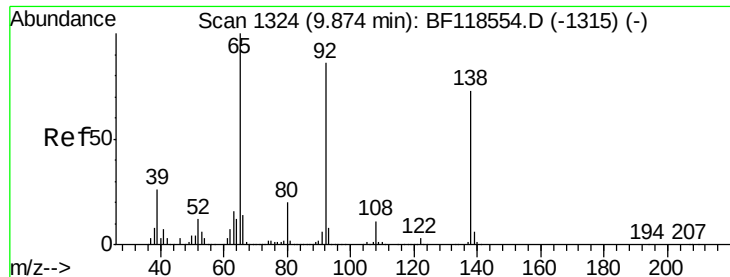


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

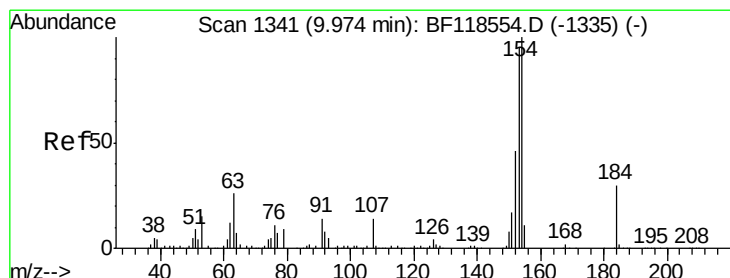
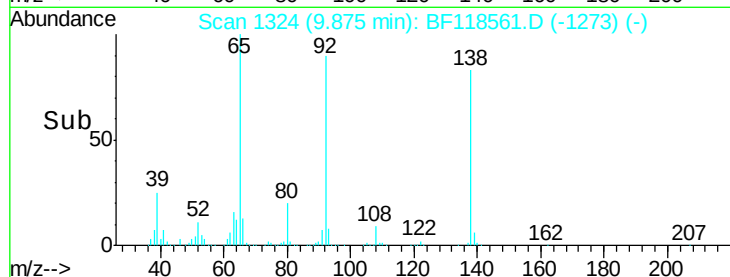
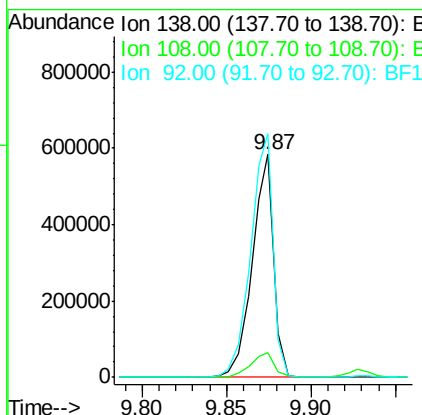
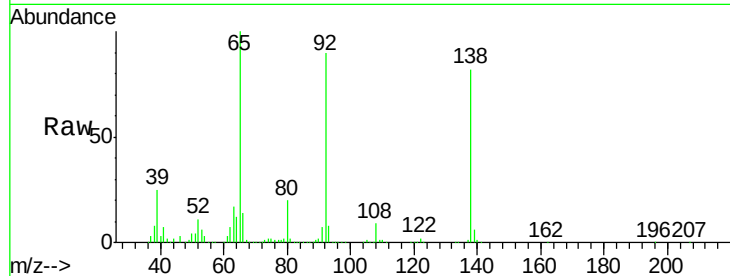




#53
3-Nitroaniline
Concen: 43.982 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

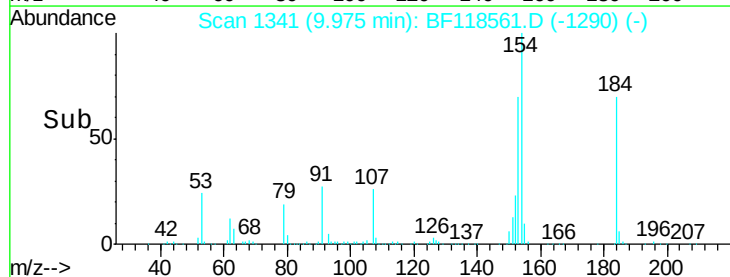
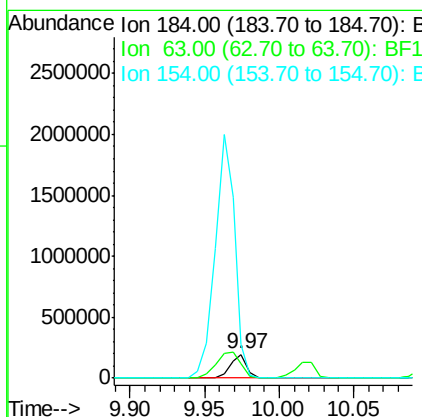
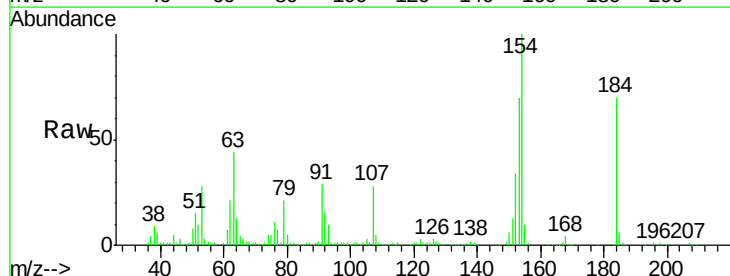
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

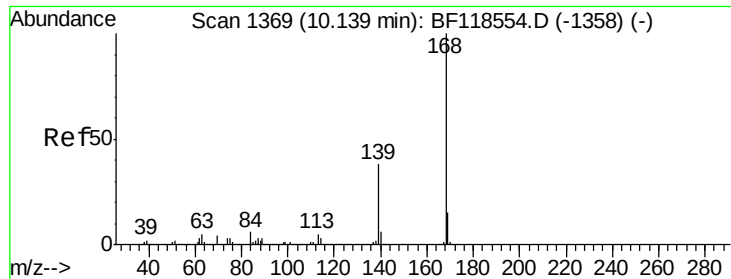
Tot Ion:138 Resp: 517601
Ion Ratio Lower Upper
138 100
108 11.3 12.2 18.4#
92 109.3 94.2 141.2



#54
2,4-Dinitrophenol
Concen: 40.678 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:184 Resp: 153686
Ion Ratio Lower Upper
184 100
63 62.5 69.4 104.0#
154 143.3 268.5 402.7#





#55

Dibenzofuran

Concen: 42.733 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

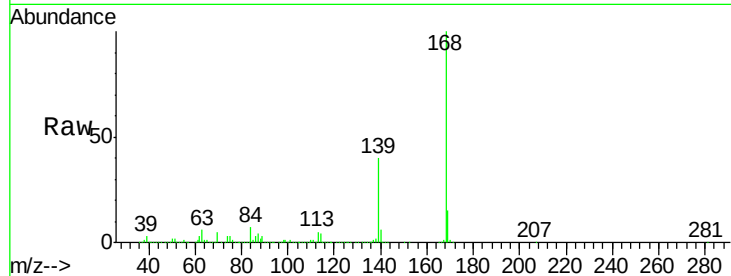
Tot Ion:168 Resp: 2671473

Ion Ratio Lower Upper

168 100

139 40.0 30.6 46.0

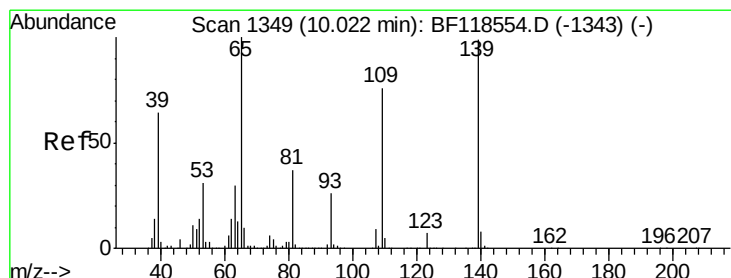
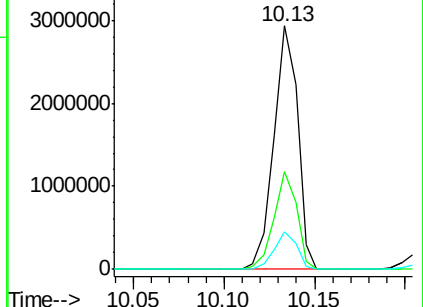
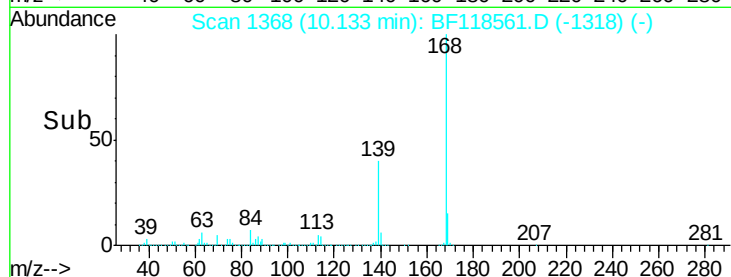
169 15.3 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 47.282 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

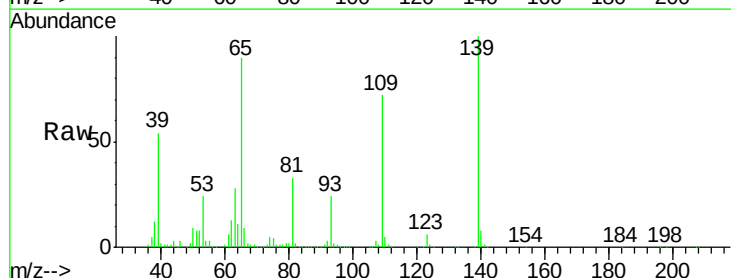
Tgt Ion:139 Resp: 411044

Ion Ratio Lower Upper

139 100

109 72.1 56.9 96.9

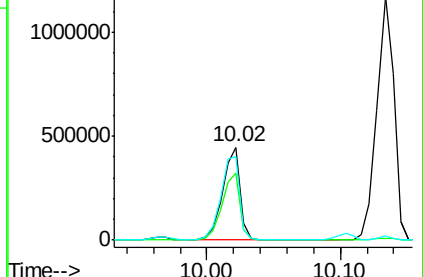
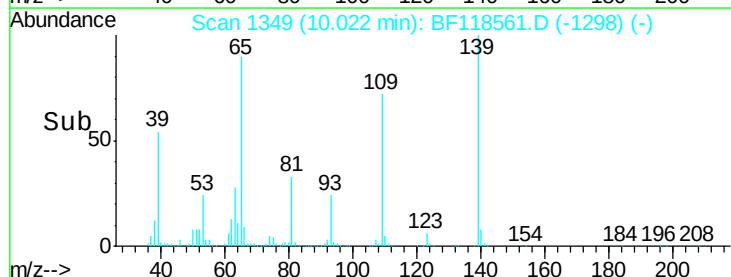
65 90.1 81.7 121.7

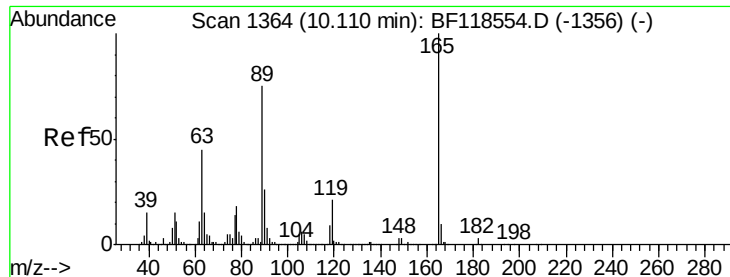


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

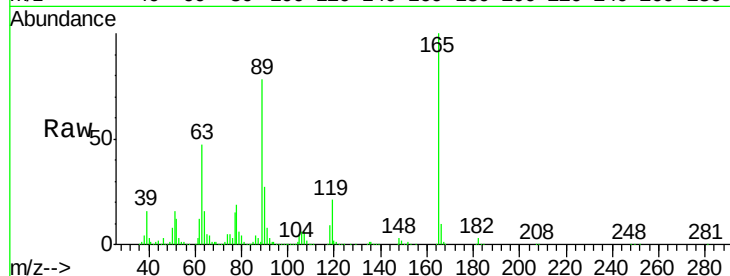




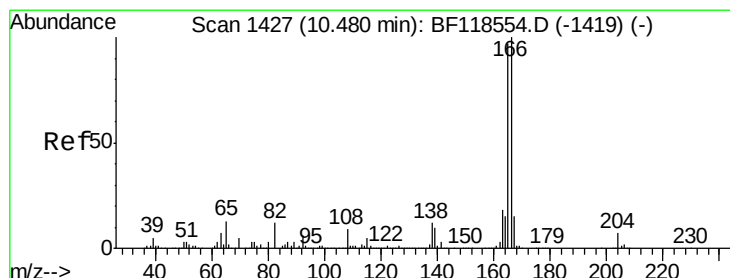
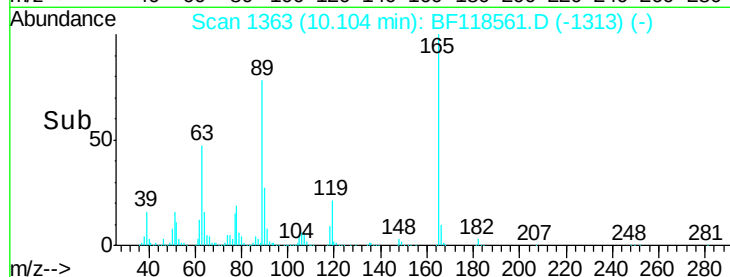
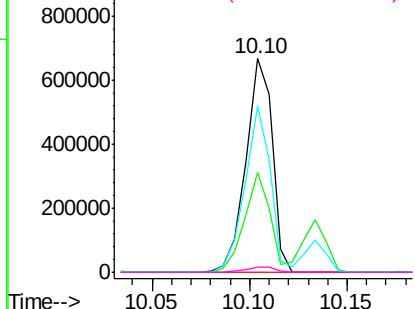
#57
2,4-Dinitrotoluene
Concen: 45.907 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 625240
Ion Ratio Lower Upper
165 100
63 46.9 35.8 53.6
89 78.1 59.9 89.9
182 2.6 2.2 3.2

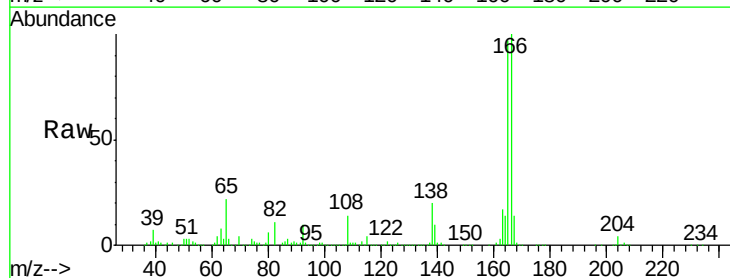


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

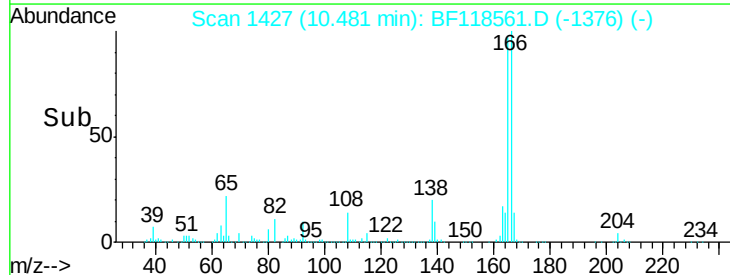
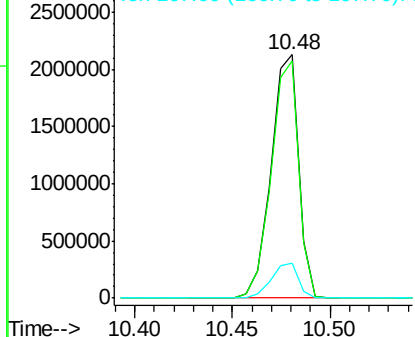


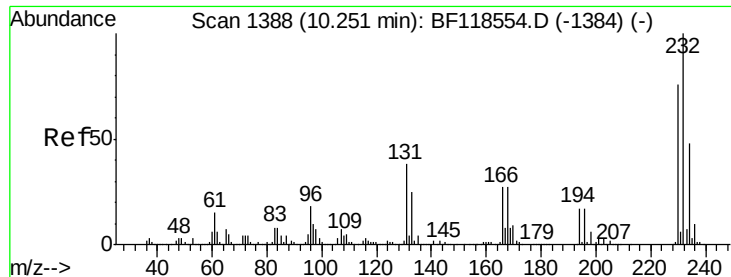
#58
Fluorene
Concen: 42.914 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:166 Resp: 2077489
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 14.1 11.7 17.5



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: 44.184 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 622799

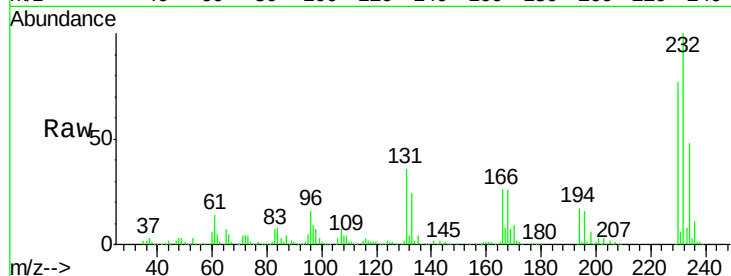
Ion Ratio Lower Upper

232 100

131 41.2 32.3 48.5

130 2.1 1.7 2.5

166 28.6 22.2 33.2

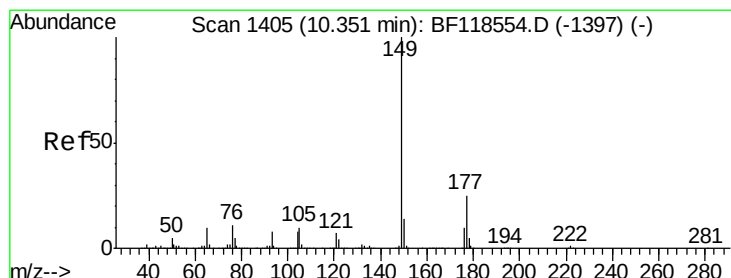
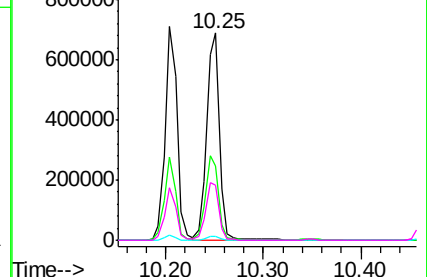
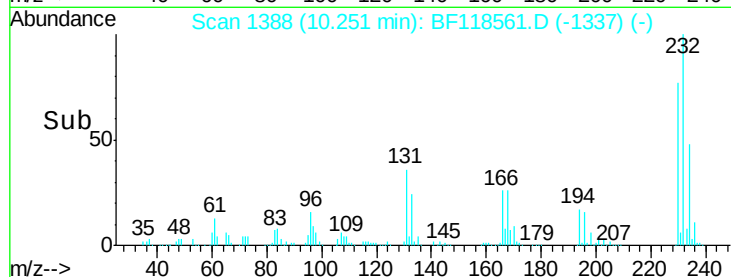


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.536 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

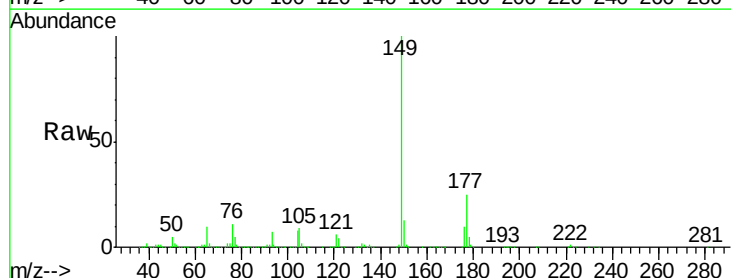
Tgt Ion:149 Resp: 2154716

Ion Ratio Lower Upper

149 100

177 25.1 20.2 30.4

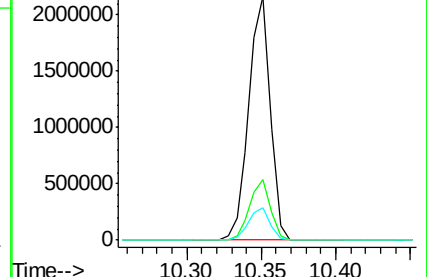
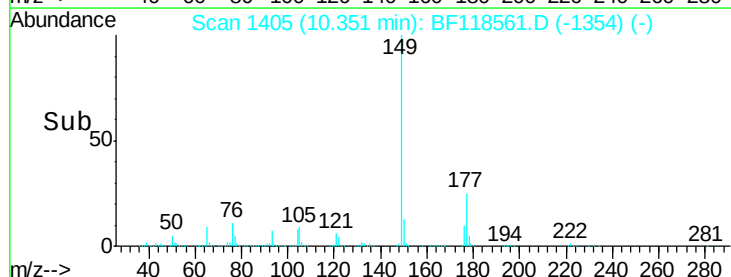
150 13.1 11.0 16.4

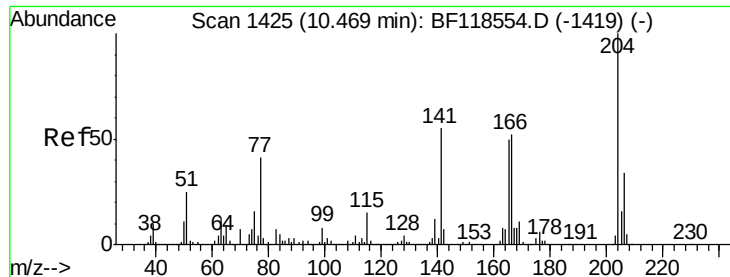


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

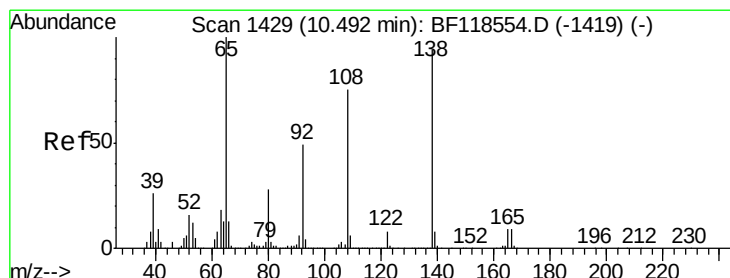
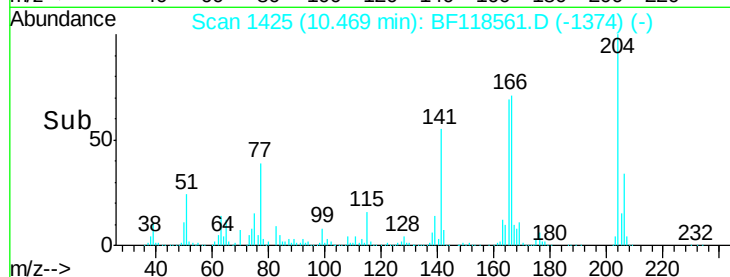
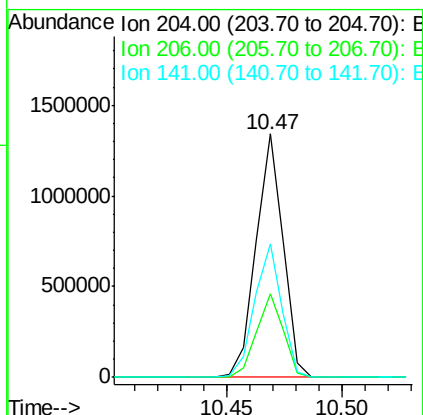
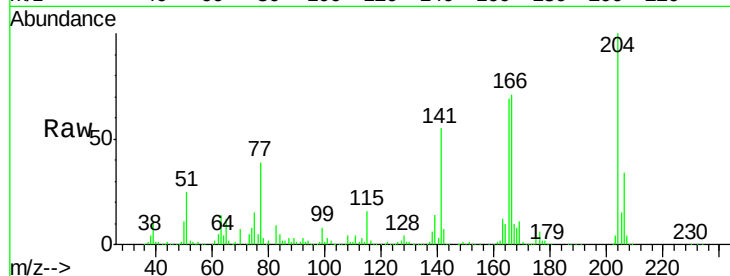




#61
4-Chlorophenyl-phenylether
Concen: 41.409 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

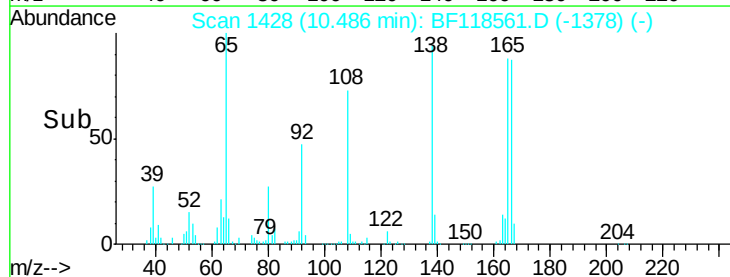
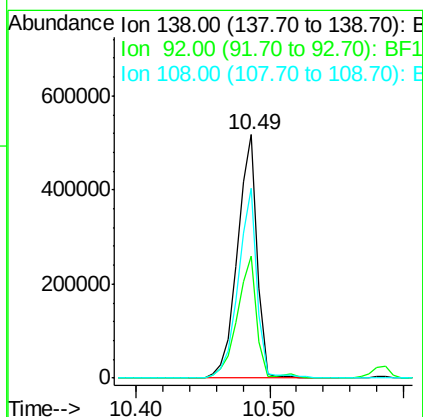
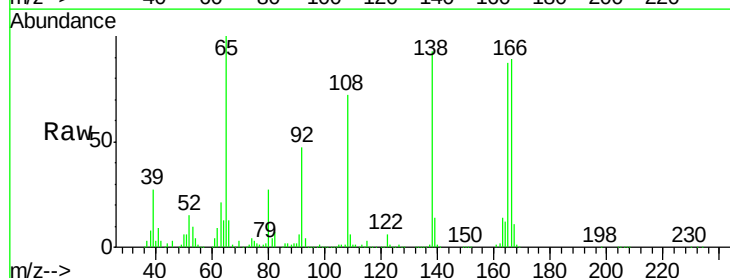
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

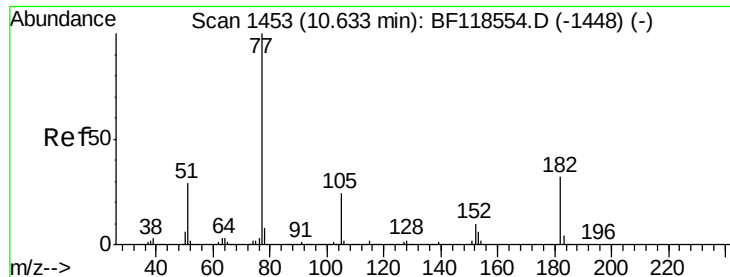
Tot Ion:204 Resp: 1096670
Ion Ratio Lower Upper
204 100
206 34.4 27.1 40.7
141 55.0 44.4 66.6



#62
4-Nitroaniline
Concen: 45.603 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:138 Resp: 533024
Ion Ratio Lower Upper
138 100
92 50.2 31.7 71.7
108 77.8 59.6 99.6





#63

Azobenzene

Concen: 41.900 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 2170731

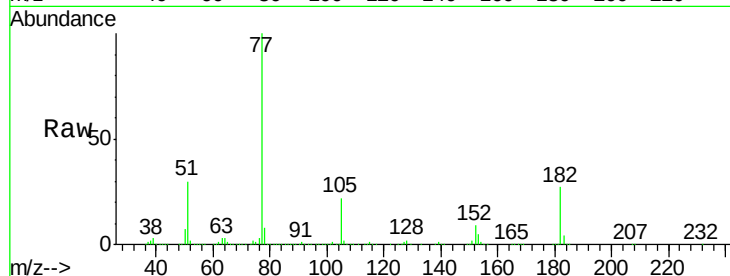
Ion Ratio Lower Upper

77 100

182 26.8 11.7 51.7

105 22.3 3.6 43.6

51 30.4 9.0 49.0

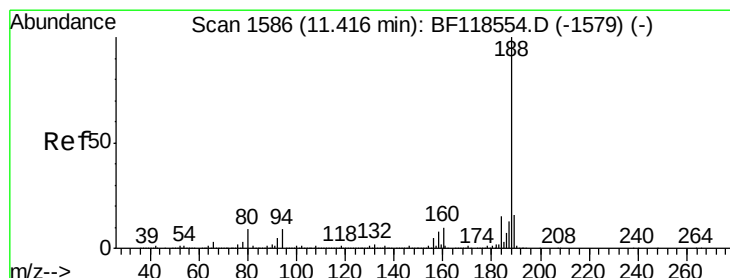
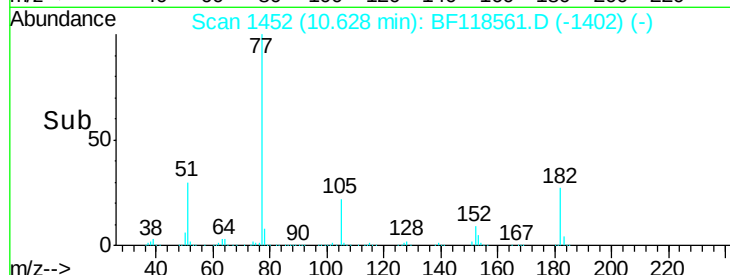
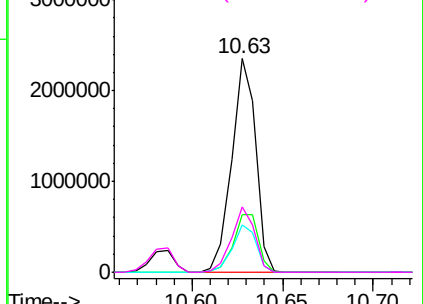


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

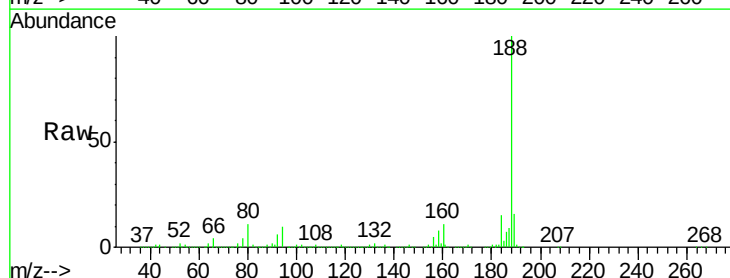
Tgt Ion: 188 Resp: 1436099

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

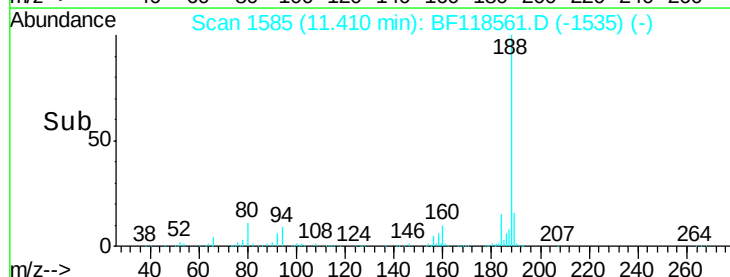
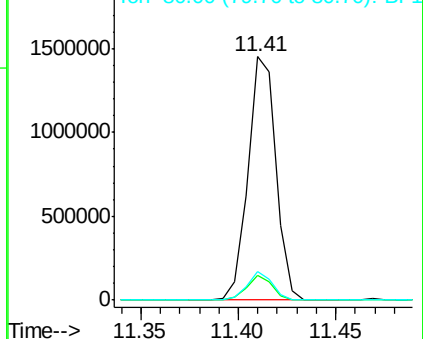
80 11.5 7.4 11.2#

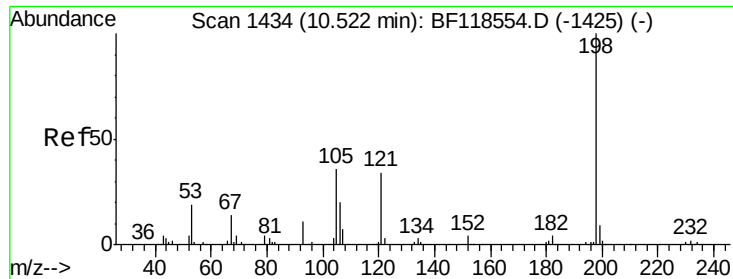


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 45.050 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

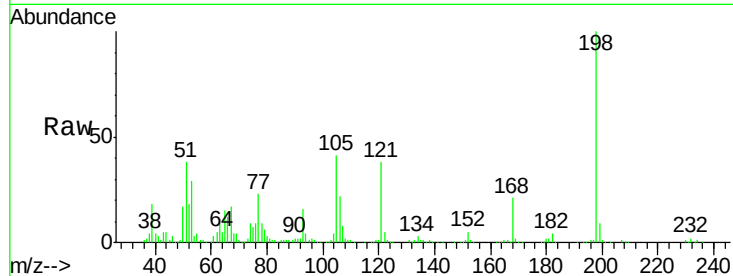
Tot Ion:198 Resp: 258923

Ion Ratio Lower Upper

198 100

51 38.4 13.2 53.2

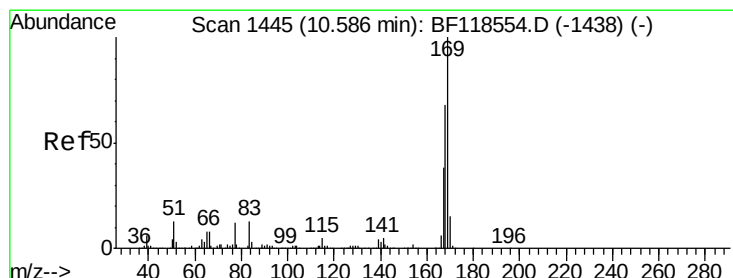
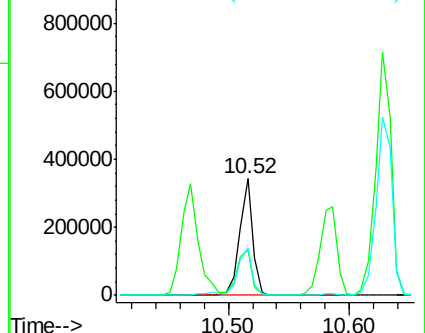
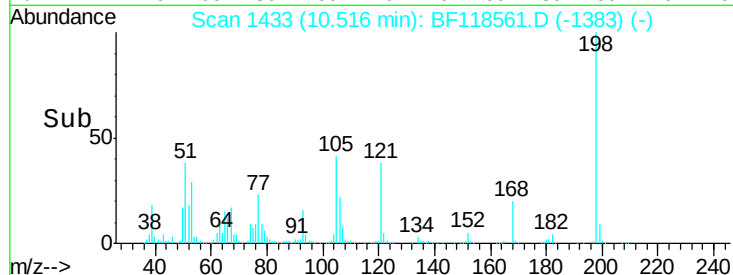
105 41.3 17.2 57.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.558 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

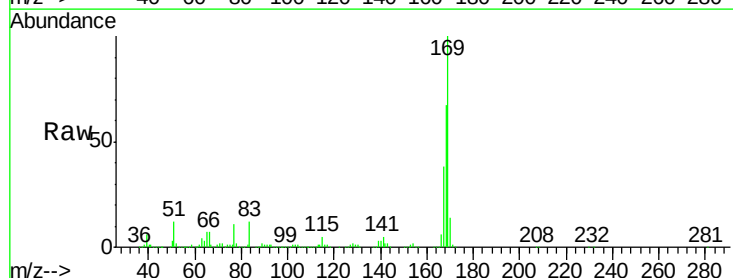
Tgt Ion:169 Resp: 1917692

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.4

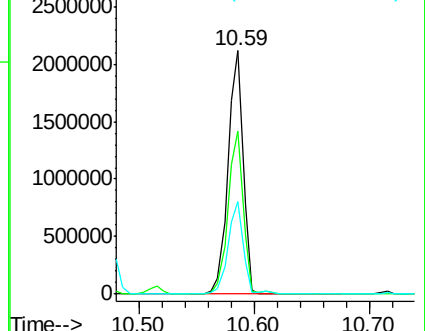
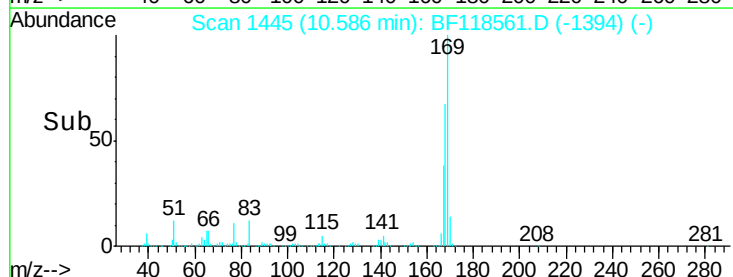
167 38.0 30.5 45.7

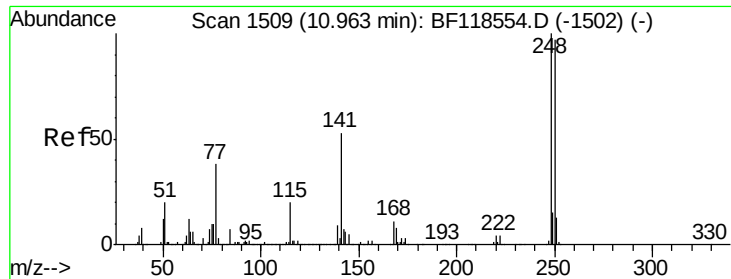


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

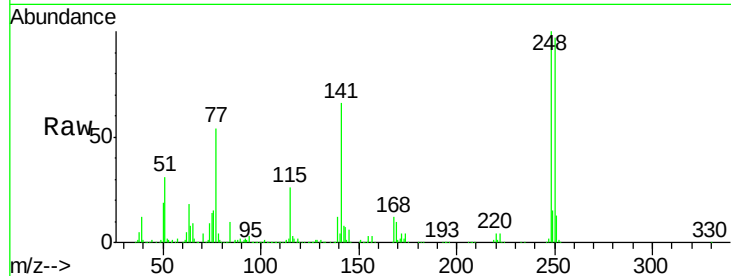




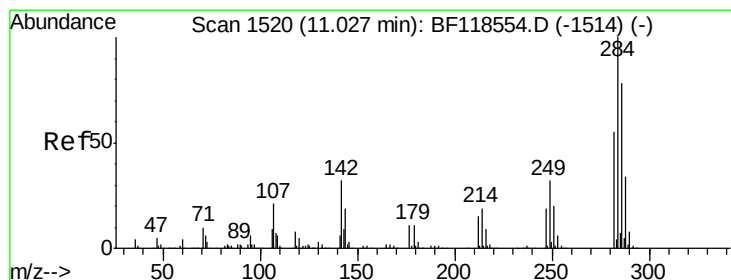
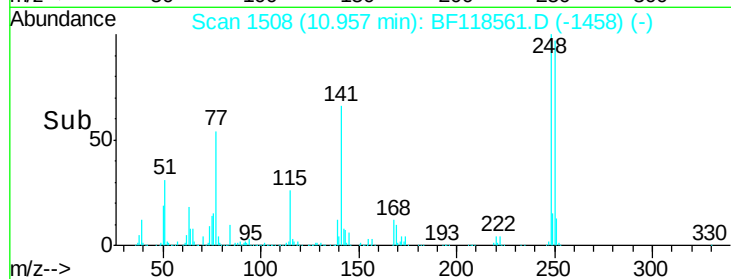
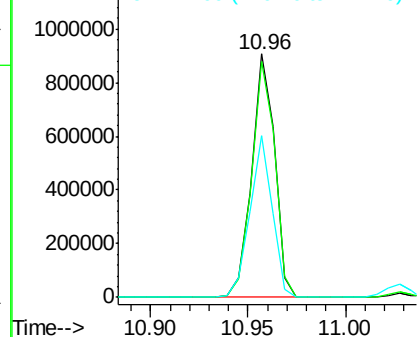
#67
4-Bromophenyl-phenylether
Concen: 38.411 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 738401
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 66.3 42.7 64.1#

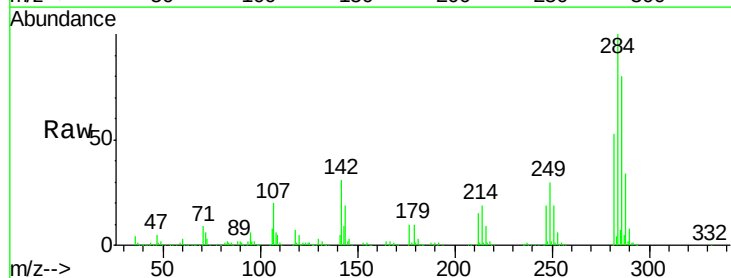


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

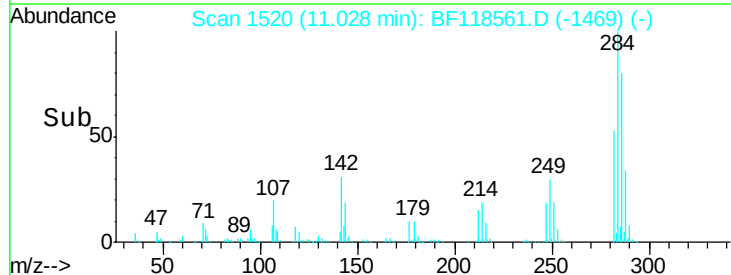
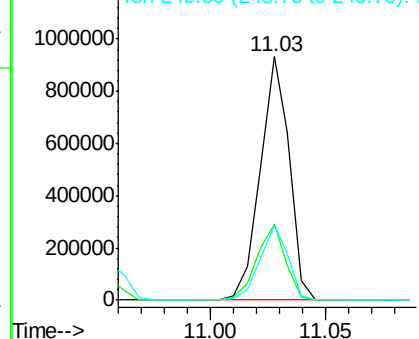


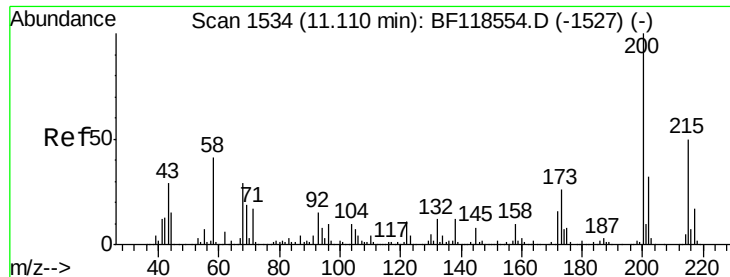
#68
Hexachlorobenzene
Concen: 38.209 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:284 Resp: 813957
Ion Ratio Lower Upper
284 100
142 31.3 25.6 38.4
249 30.5 25.6 38.4



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





#69

Atrazine

Concen: 47.833 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

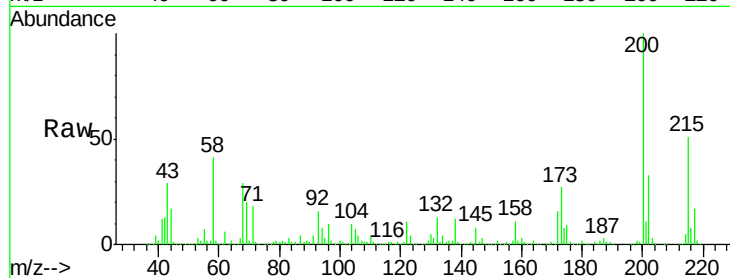
Tot Ion:200 Resp: 636951

Ion Ratio Lower Upper

200 100

173 26.8 5.8 45.8

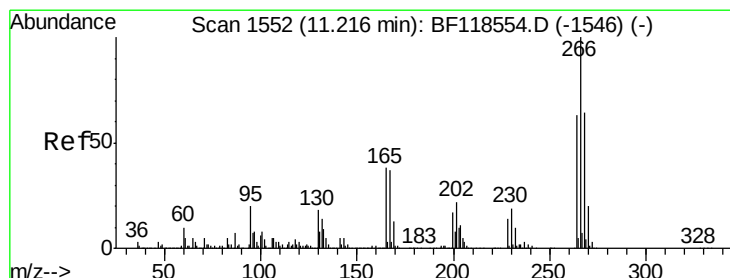
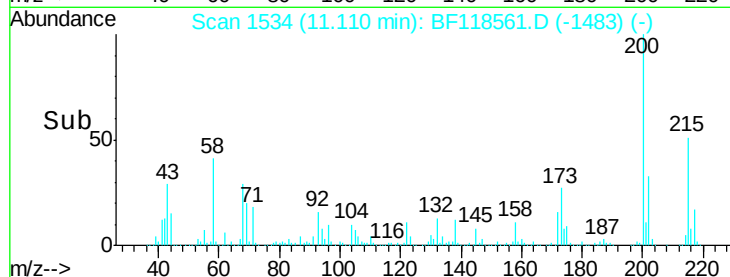
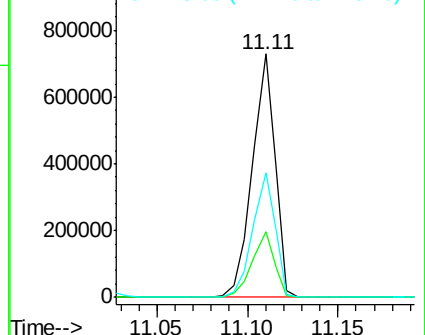
215 51.0 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.683 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

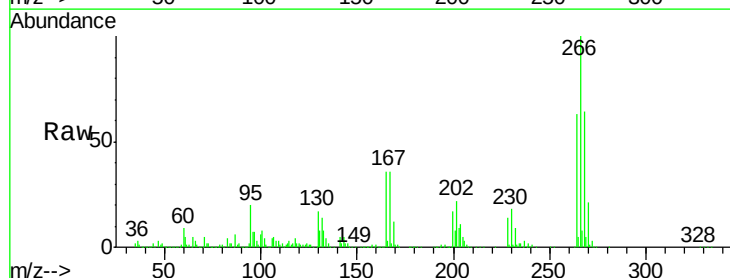
Tgt Ion:266 Resp: 467815

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

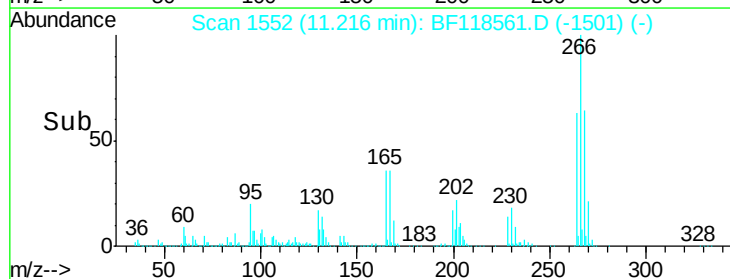
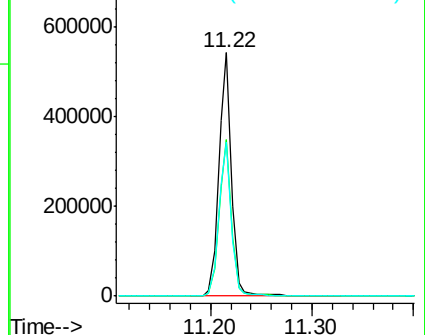
264 63.3 50.5 75.7

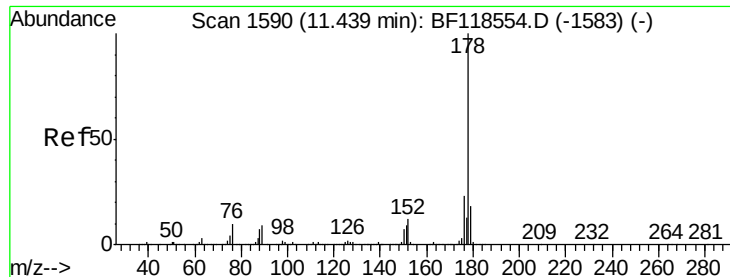


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

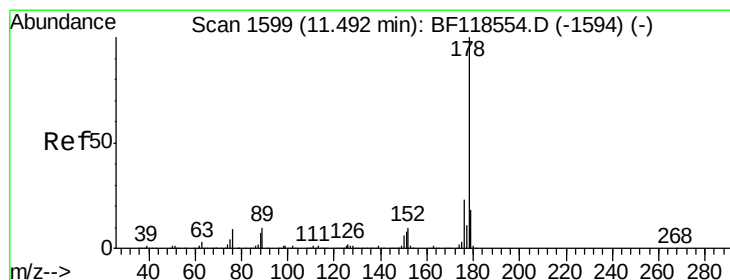
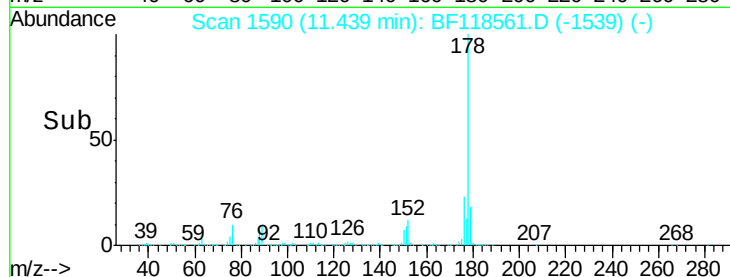
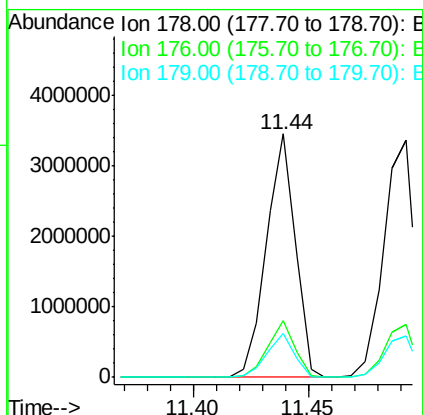
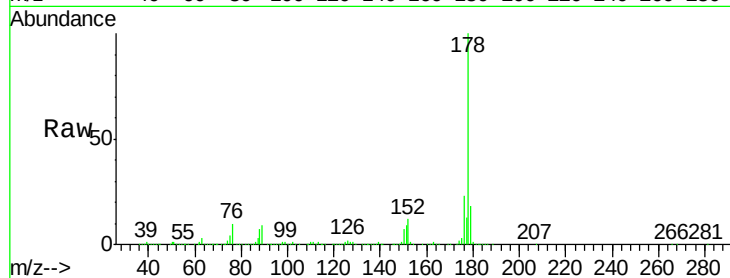




#71
Phenanthrene
Concen: 41.802 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

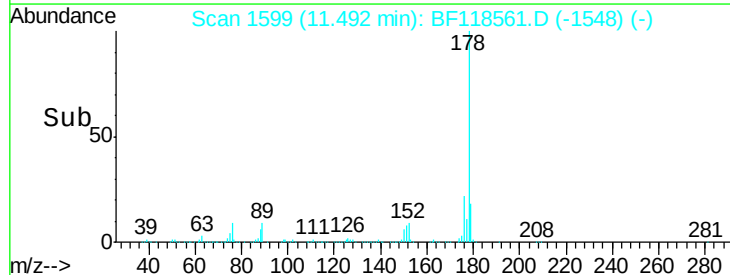
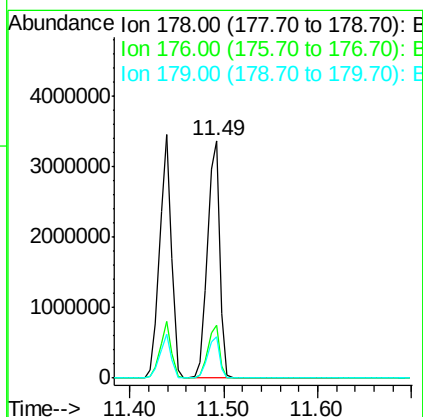
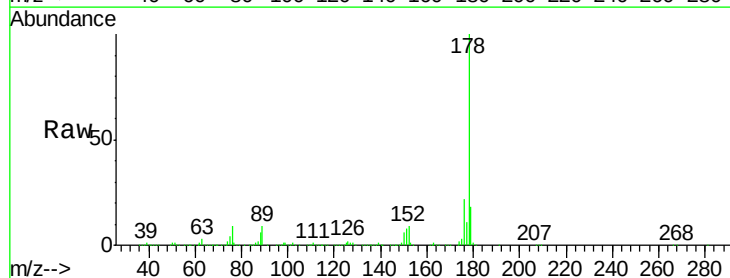
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

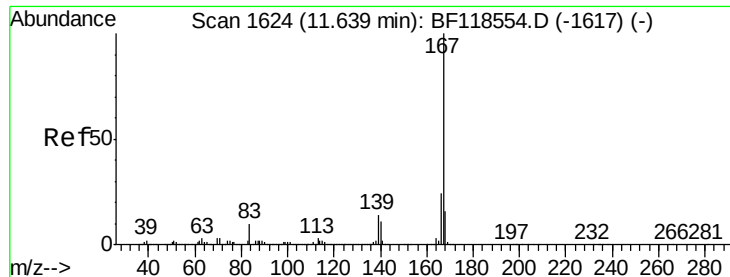
Tot Ion:178 Resp: 3017523
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 17.9 14.6 22.0



#72
Anthracene
Concen: 43.114 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:178 Resp: 3105039
Ion Ratio Lower Upper
178 100
176 22.1 18.1 27.1
179 17.6 14.7 22.1

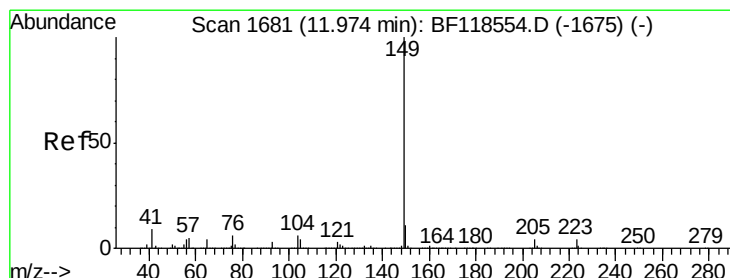
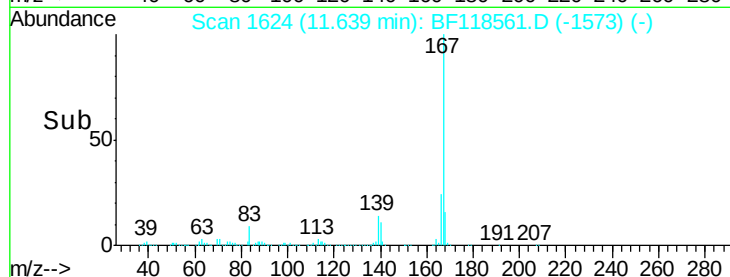
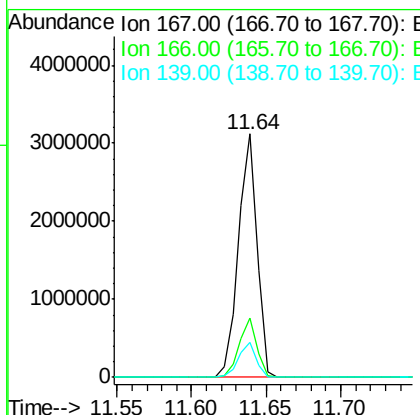
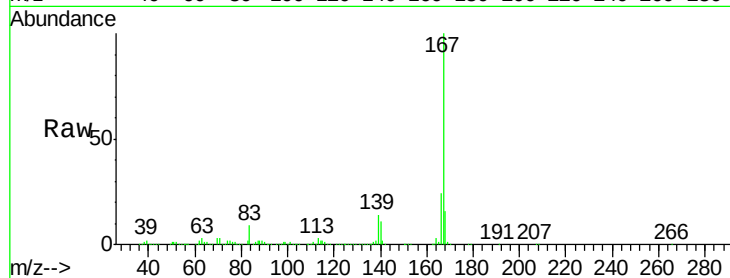




#73
 Carbazole
 Concen: 42.022 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

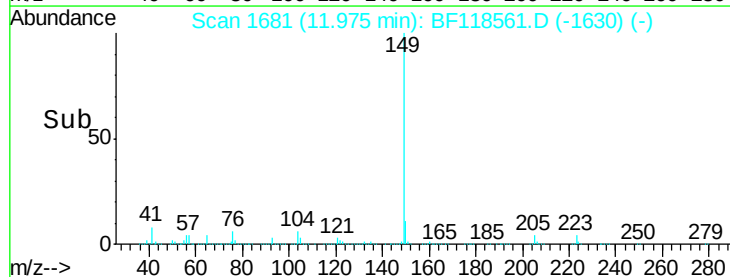
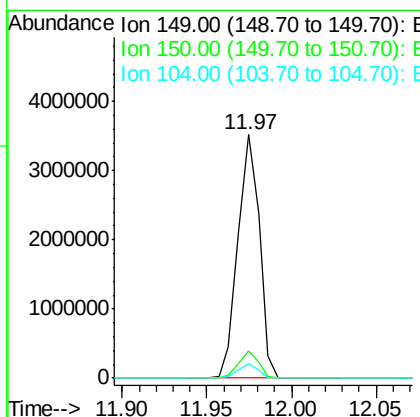
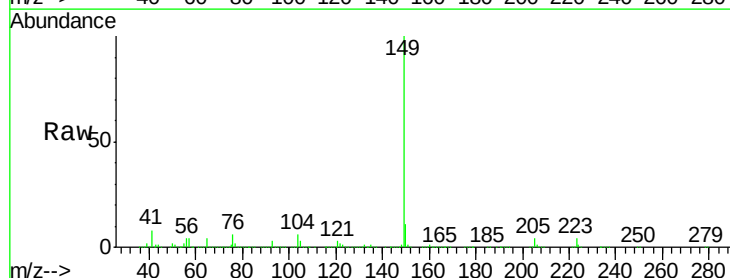
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

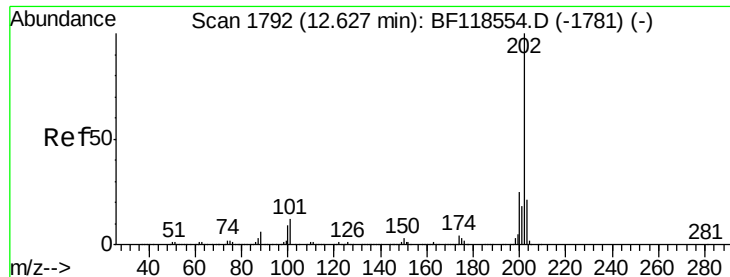
Tot Ion:167 Resp: 2729454
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.5 29.3
 139 14.4 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 38.620 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118561.D
 Acq: 17 Jan 2020 16:30

Tgt Ion:149 Resp: 3117313
 Ion Ratio Lower Upper
 149 100
 150 11.1 9.0 13.6
 104 5.9 5.0 7.4





#75

Fluoranthene

Concen: 40.690 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

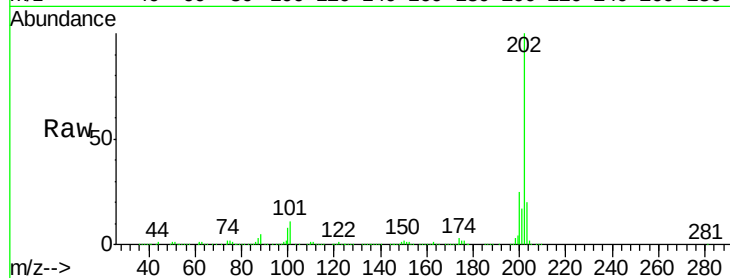
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3158655

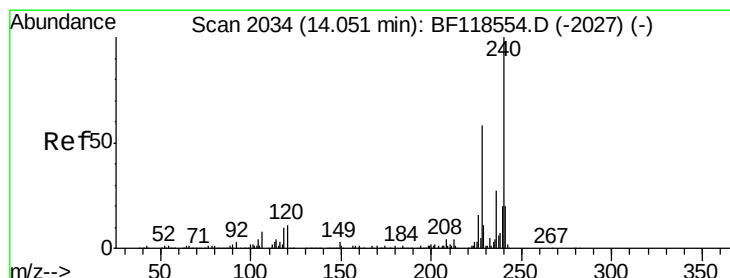
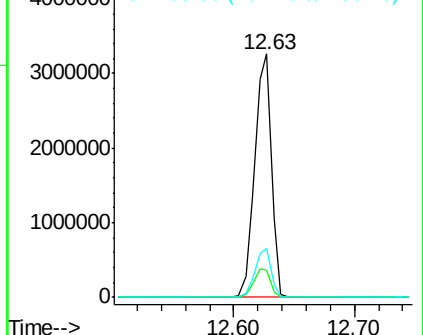
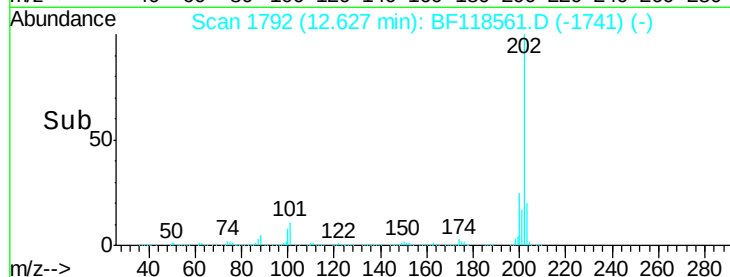
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.9
203	19.9	0.9	40.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

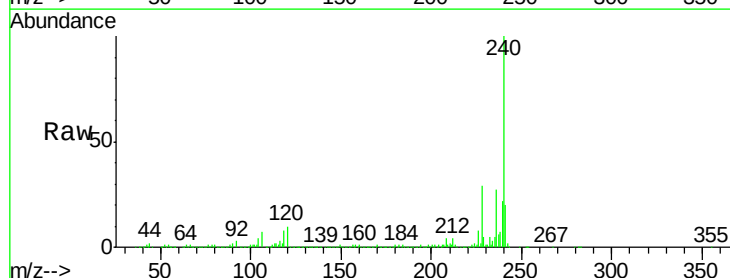
Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Tgt Ion:240 Resp: 1007433

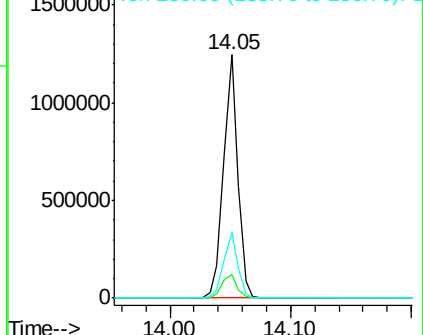
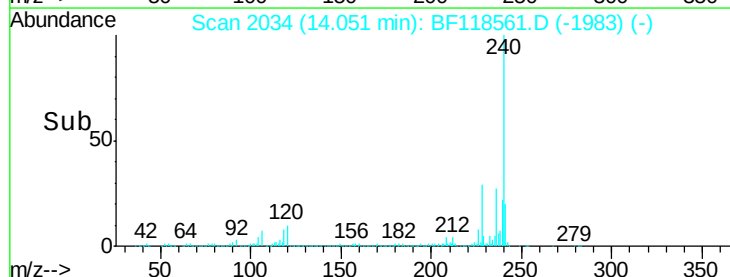
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.7	13.1
236	26.8	21.8	32.8

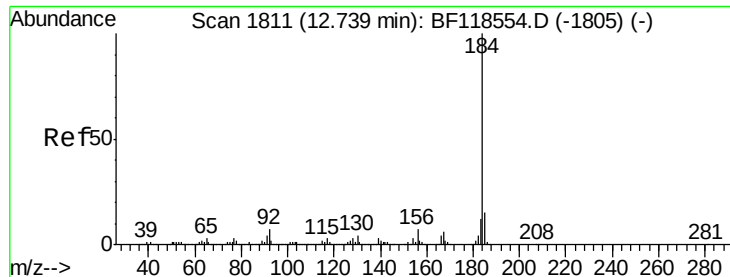


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.477 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

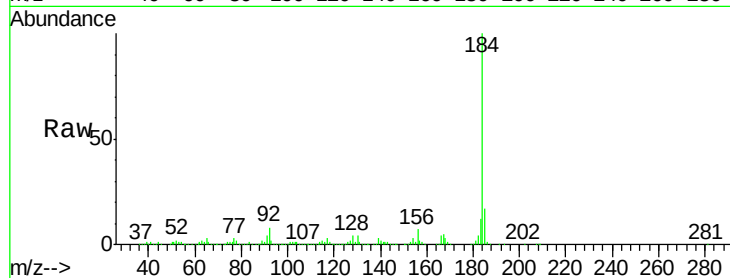
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1504760

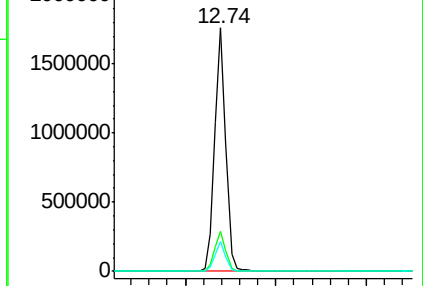
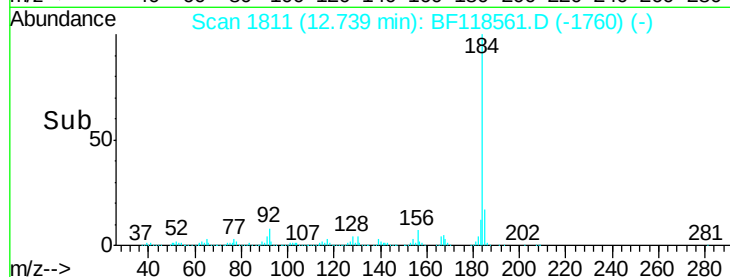
Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.3	18.5
183	12.2	9.5	14.3



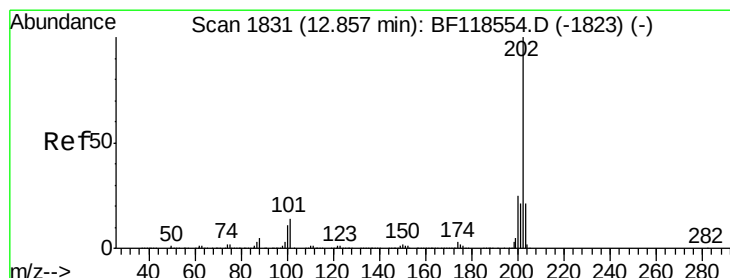
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.832 ng

RT: 12.86 min Scan# 1831

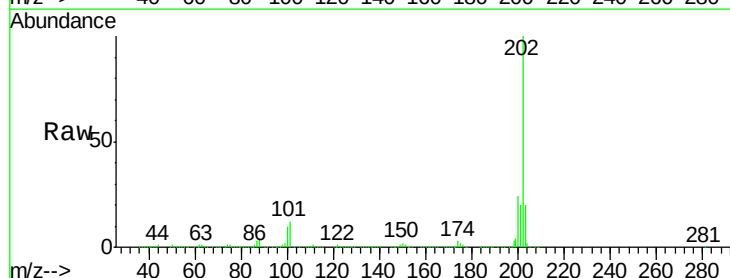
Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Tgt Ion:202 Resp: 3220571

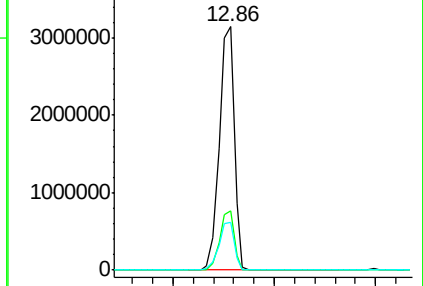
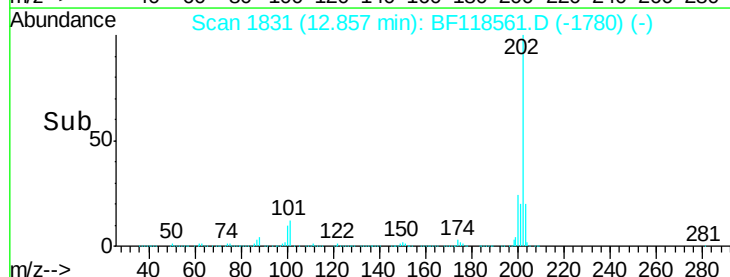
Ion	Ratio	Lower	Upper
202	100		
200	24.4	20.2	30.4
203	19.7	16.6	25.0



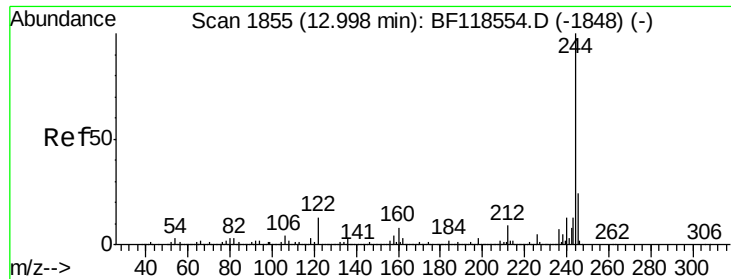
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 82.878 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

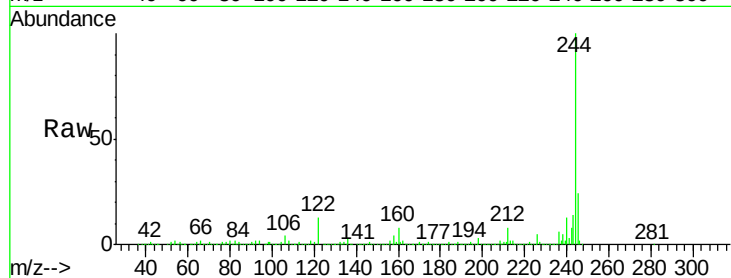
Tot Ion:244 Resp: 4227714

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

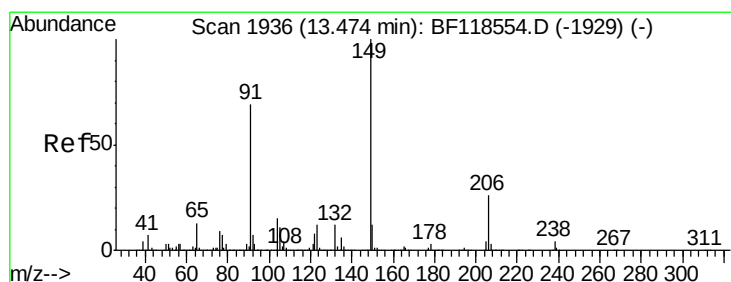
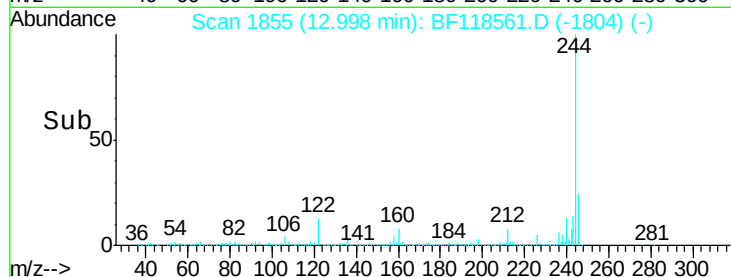
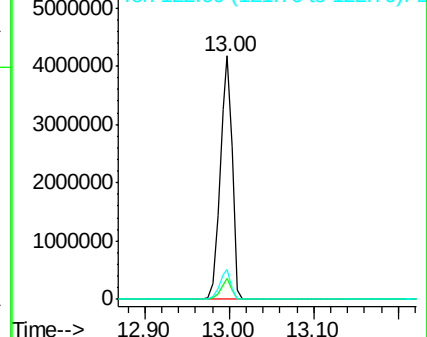
122 12.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.145 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

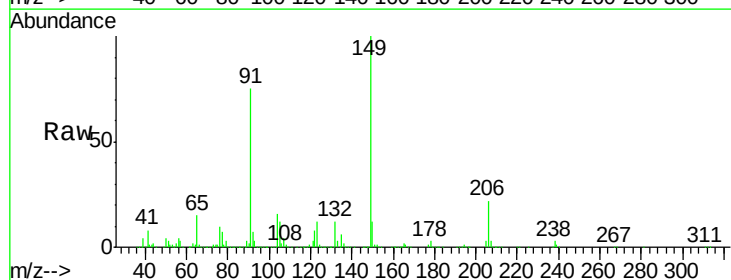
Tgt Ion:149 Resp: 1229453

Ion Ratio Lower Upper

149 100

91 74.7 55.5 83.3

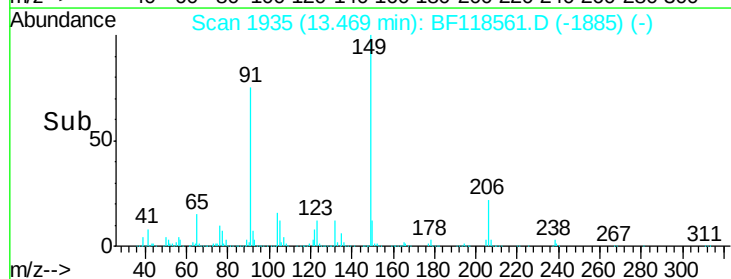
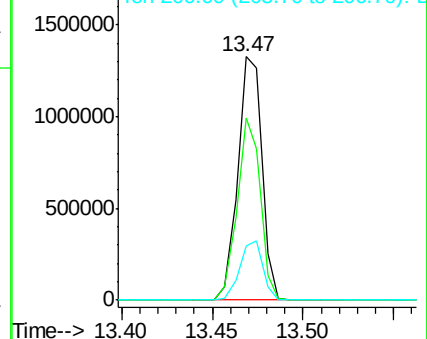
206 22.3 20.7 31.1

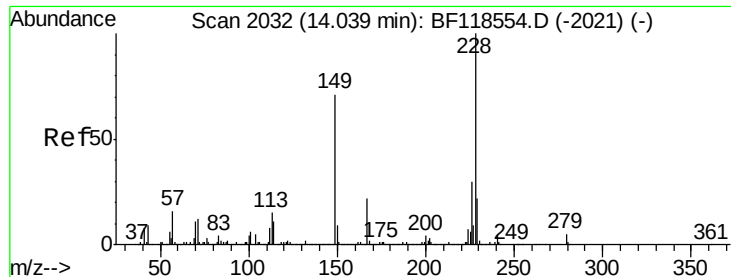


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

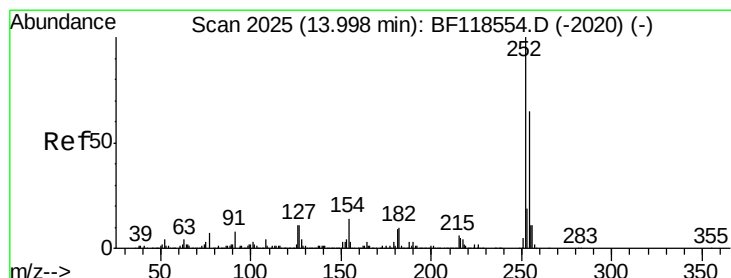
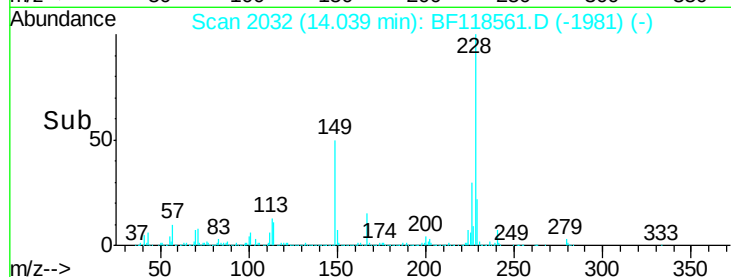
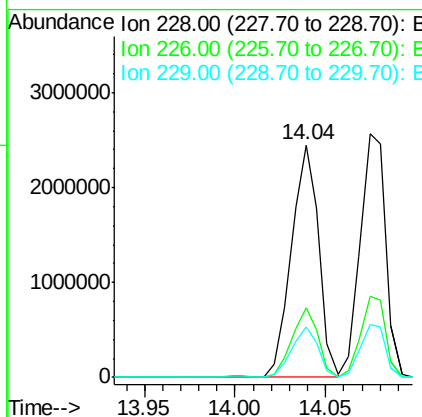
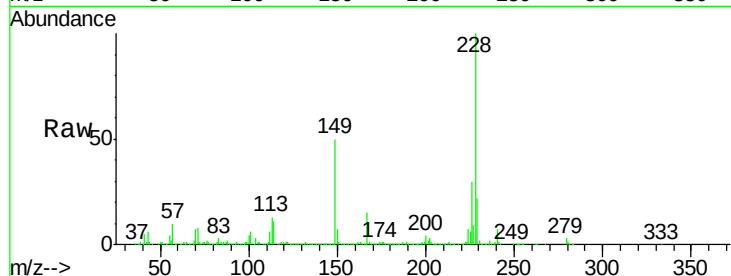




#81
Benzo(a)anthracene
Concen: 40.604 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

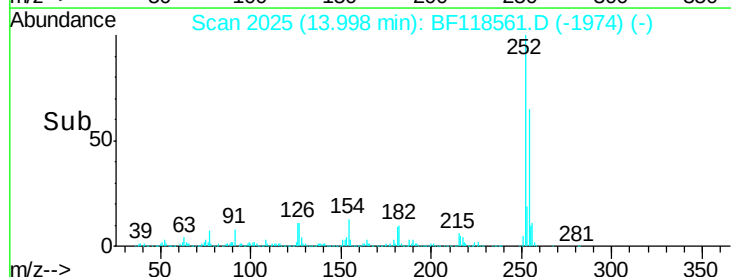
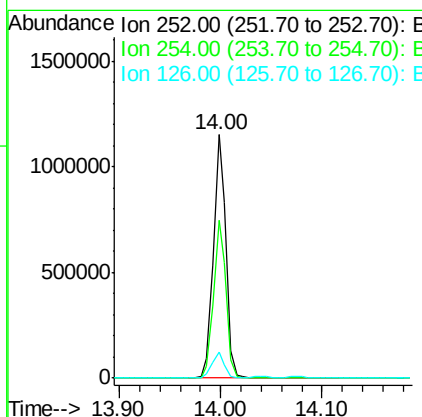
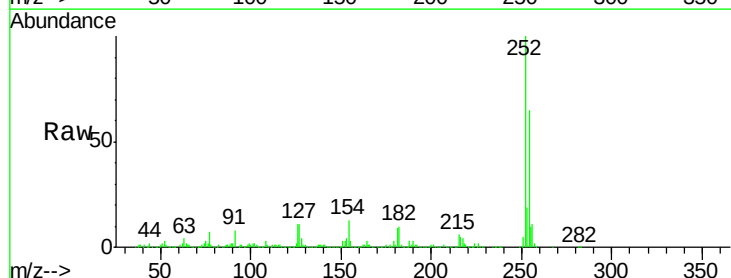
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

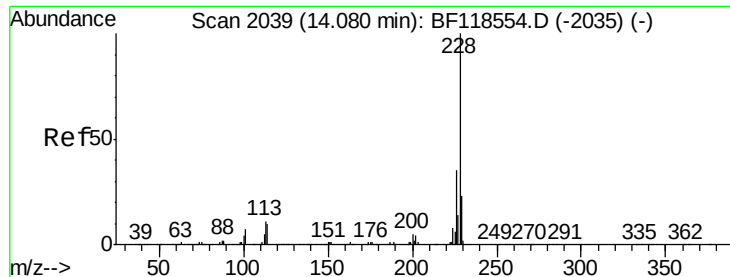
Tot Ion:228 Resp: 2581977
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 21.7 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 44.125 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:252 Resp: 984438
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 10.6 9.1 13.7





#83

Chrysene

Concen: 41.060 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

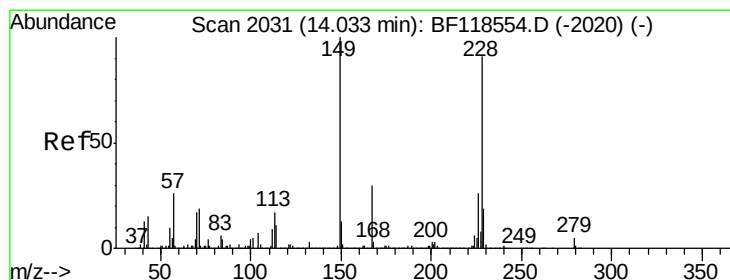
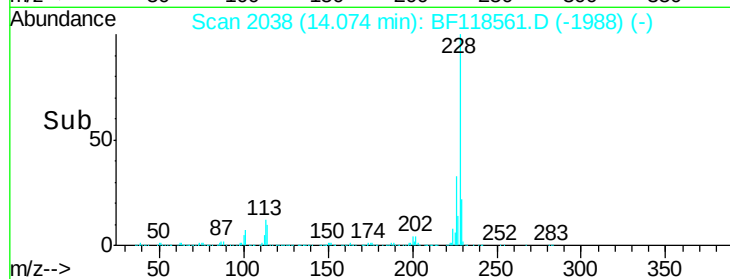
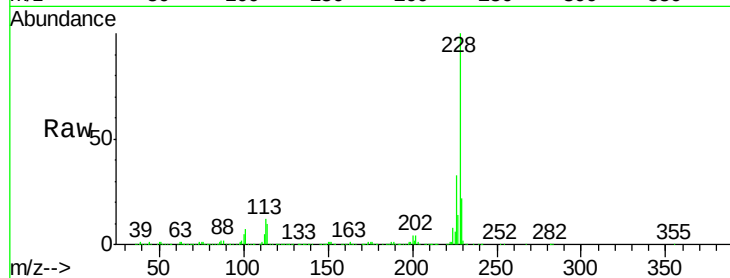
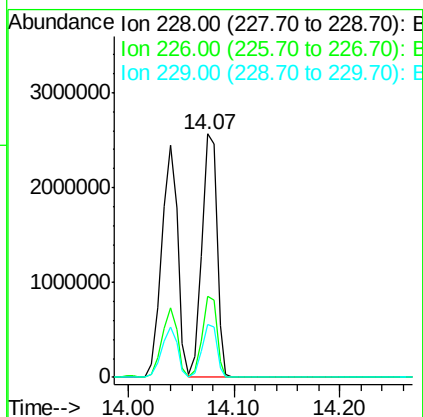
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2511477

Ion	Ratio	Lower	Upper
228	100		
226	33.5	28.2	42.2
229	21.8	18.2	27.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.091 ng

RT: 14.03 min Scan# 2031

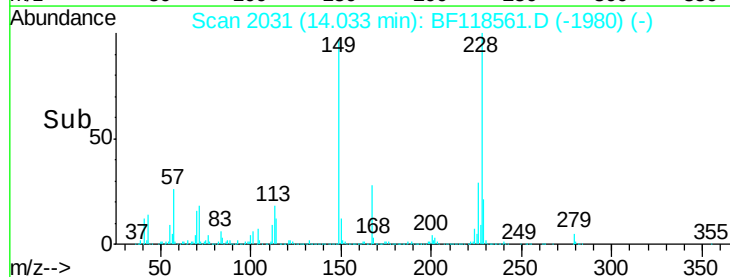
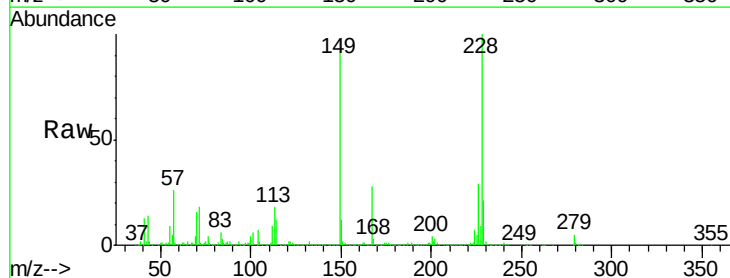
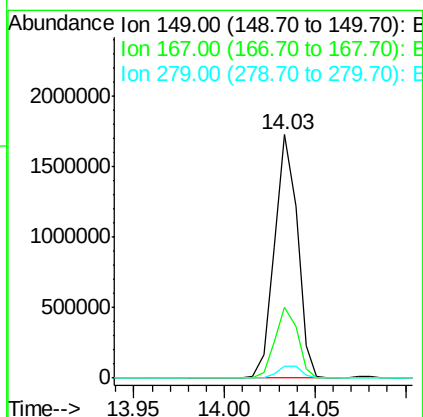
Delta R.T. 0.00 min

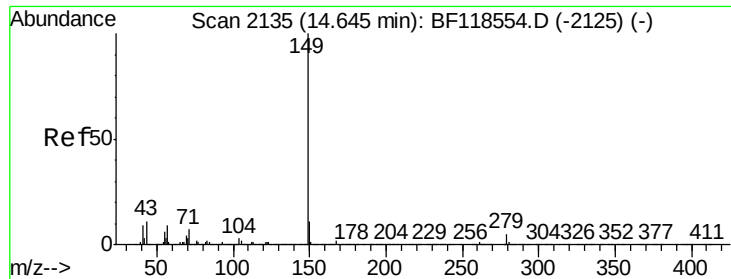
Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Tgt Ion:149 Resp: 1523846

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.9	35.9
279	5.1	4.2	6.2

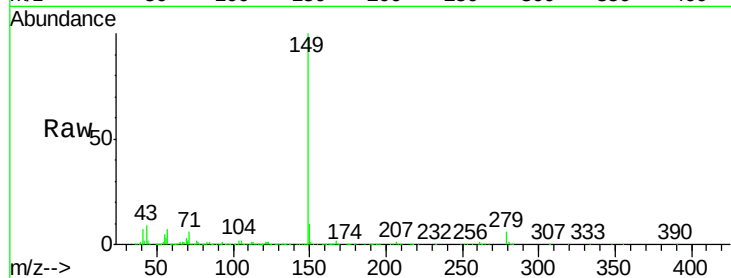




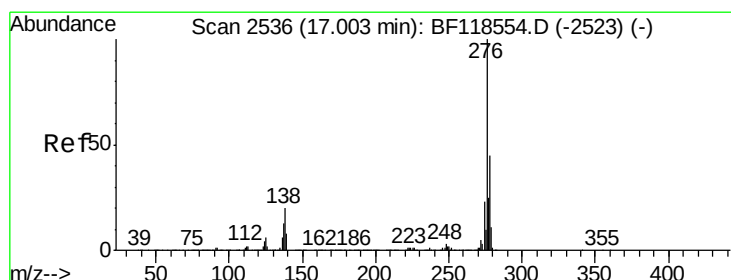
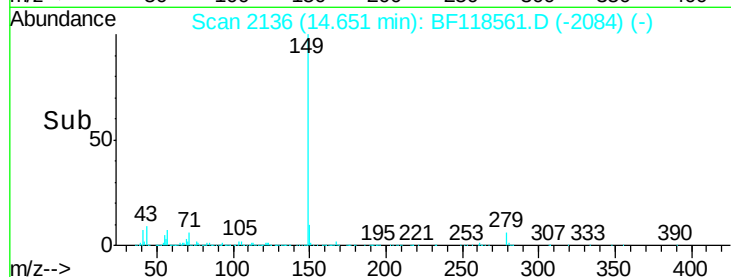
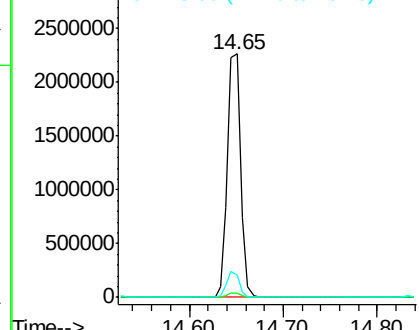
#85
Di-n-octyl phthalate
Concen: 36.467 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 2234075
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.1 8.9 13.3

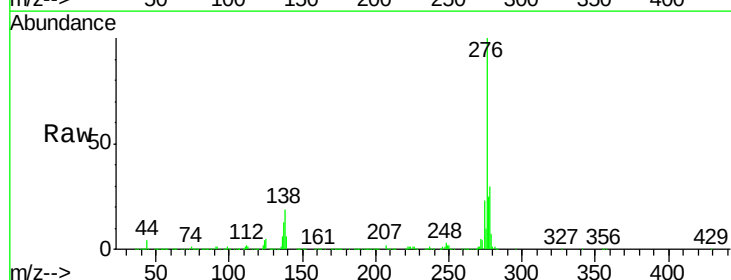


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

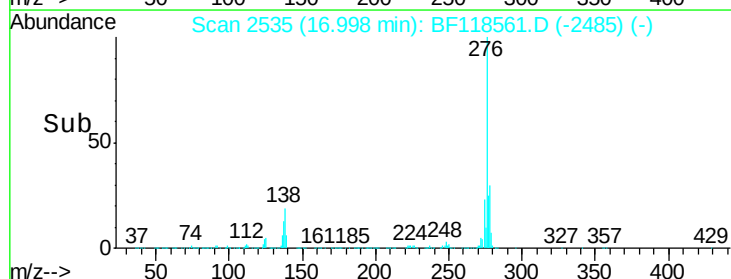
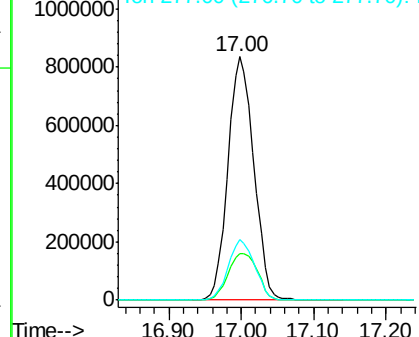


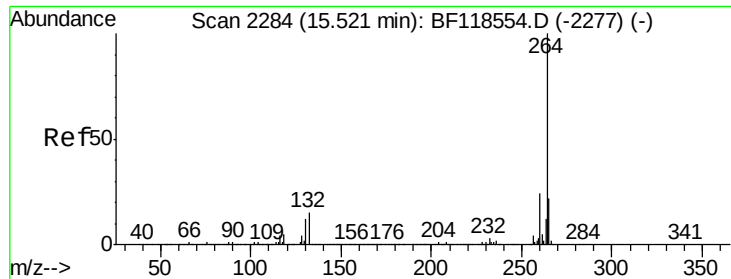
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.421 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:276 Resp: 2071800
Ion Ratio Lower Upper
276 100
138 21.9 17.3 25.9
277 25.3 20.5 30.7



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: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

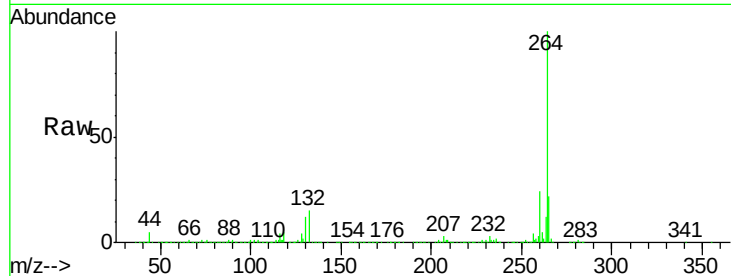
Tot Ion:264 Resp: 819932

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

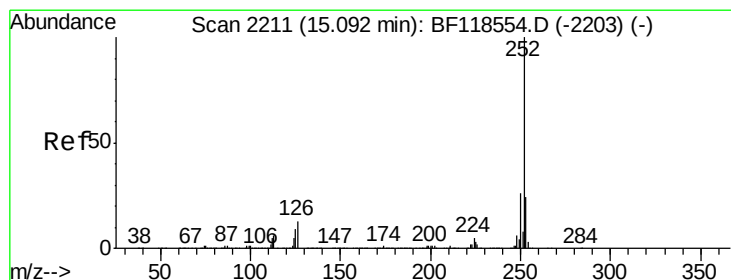
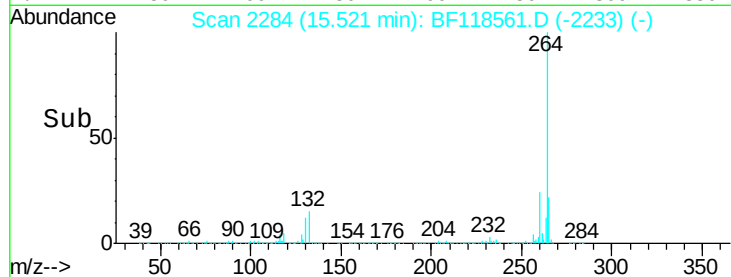
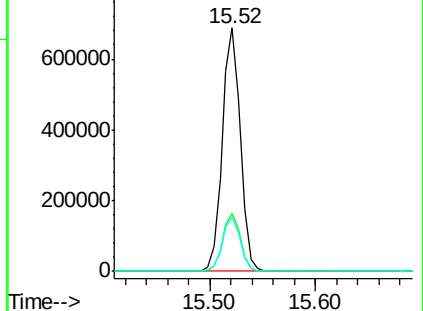
265 22.4 17.6 26.4



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: 39.570 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

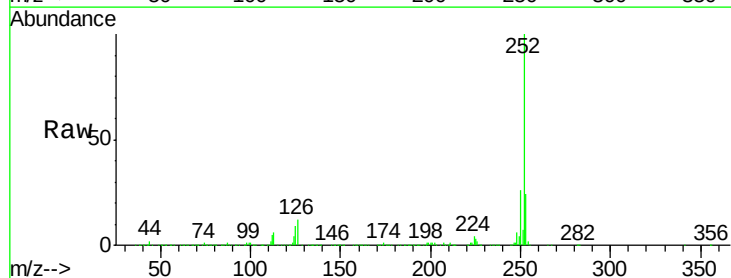
Tgt Ion:252 Resp: 2113147

Ion Ratio Lower Upper

252 100

253 23.5 19.1 28.7

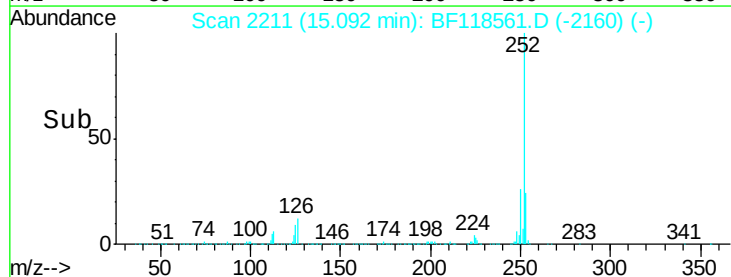
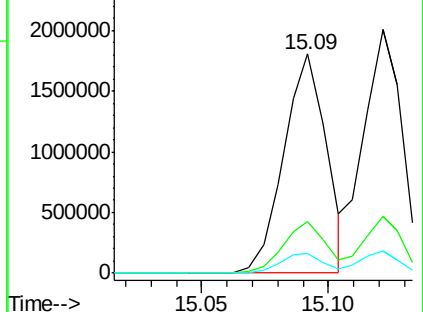
125 9.0 7.5 11.3

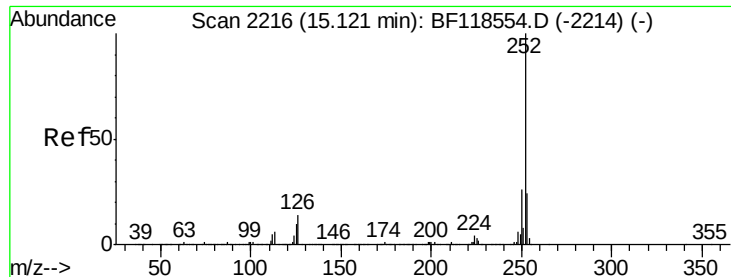


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

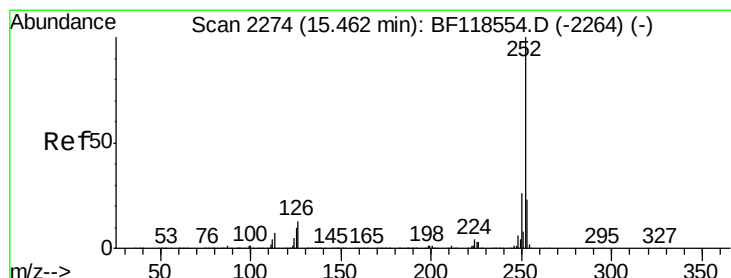
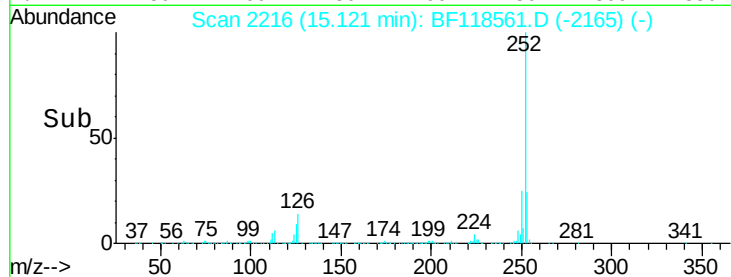
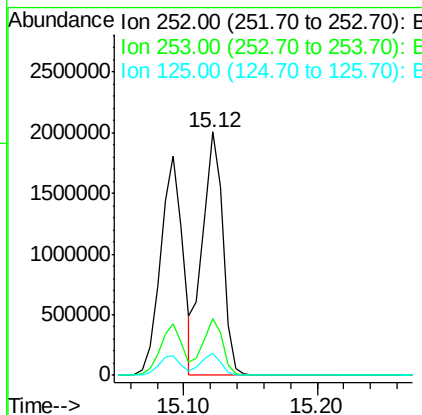
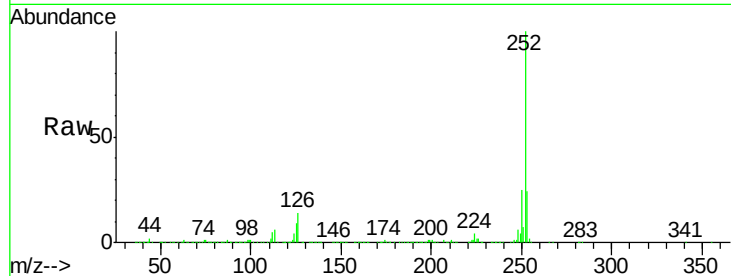




#89
Benzo(k)fluoranthene
Concen: 44.057 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

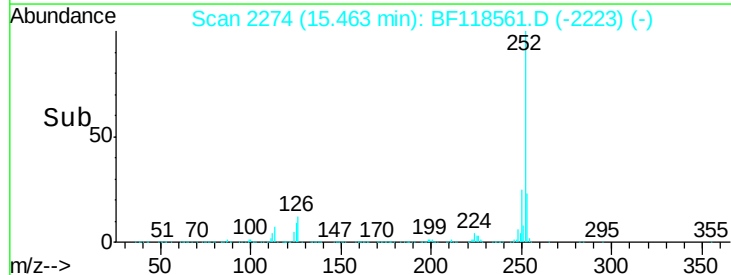
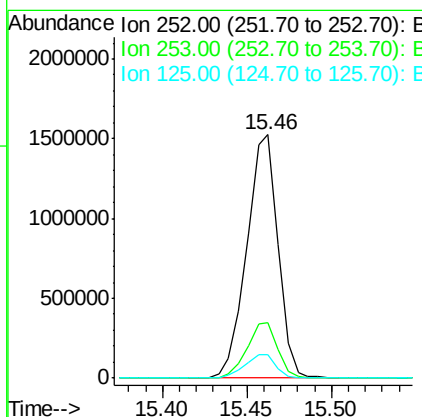
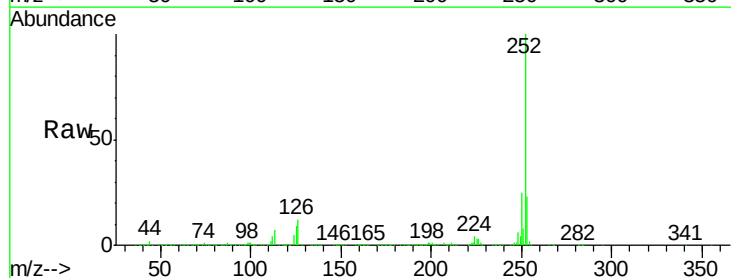
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

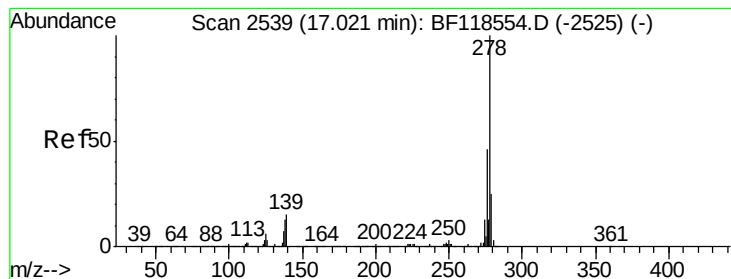
Tot Ion:252 Resp: 2126314
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 9.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 42.464 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF118561.D
Acq: 17 Jan 2020 16:30

Tgt Ion:252 Resp: 1973203
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 39.747 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

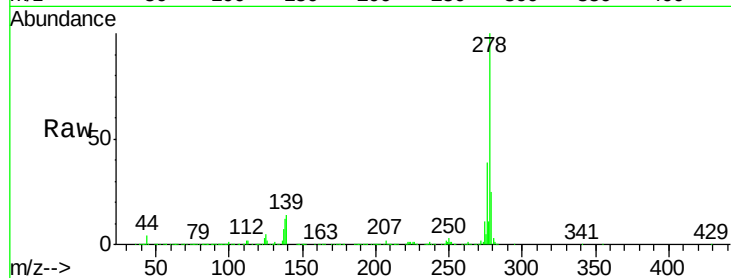
Tot Ion:278 Resp: 1725028

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

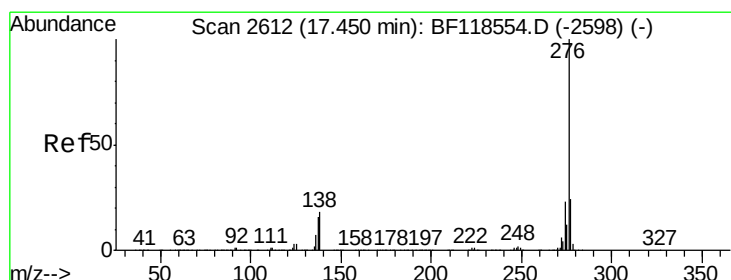
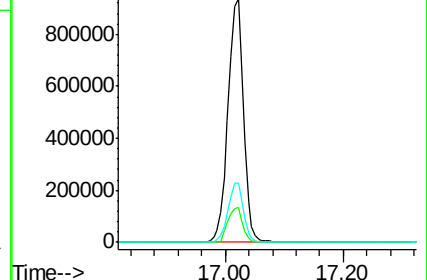
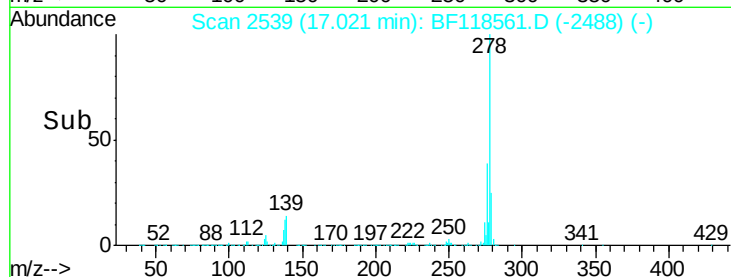
279 24.5 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.674 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF118561.D

Acq: 17 Jan 2020 16:30

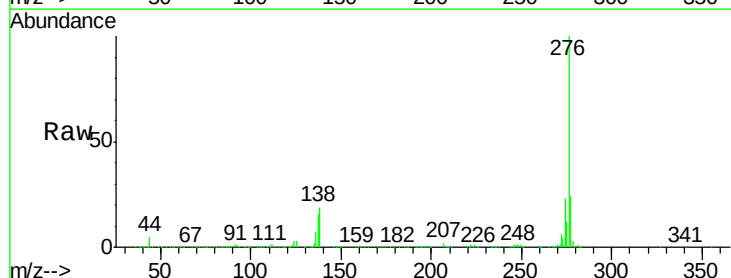
Tgt Ion:276 Resp: 1705101

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 19.2 14.7 22.1



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

