

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
 Data File : BF117360.D
 Acq On : 10 Oct 2019 15:18
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 11 05:25:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48536	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	208142	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	105185	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	174913	20.00	ng	0.00
76) Chrysene-d12	13.97	240	123310	20.00	ng	0.00
87) Perylene-d12	15.42	264	102148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	265271	85.33	ng	0.00
7) Phenol-d6	6.45	99	341760	85.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	327459	82.66	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	73269	83.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	584540	86.89	ng	0.00
79) Terphenyl-d14	12.90	244	582445	88.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	53311	40.981	ng	98
3) Pyridine	3.26	79	136434	38.318	ng	97
4) n-Nitrosodimethylamine	3.20	42	48845	39.974	ng	# 94
6) Aniline	6.46	93	214517	41.470	ng	# 67
8) 2-Chlorophenol	6.59	128	140826	41.990	ng	94
9) Benzaldehyde	6.35	77	88344	45.245	ng	99
10) Phenol	6.46	94	182014	41.095	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	133549	41.026	ng	99
12) 1,3-Dichlorobenzene	6.74	146	155546	41.331	ng	98
13) 1,4-Dichlorobenzene	6.82	146	159959	41.649	ng	99
14) 1,2-Dichlorobenzene	6.97	146	152089	42.533	ng	97
15) Benzyl Alcohol	6.95	79	129071	41.893	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	141632	44.038	ng	73
17) 2-Methylphenol	7.06	107	118675	42.221	ng	92
18) Hexachloroethane	7.30	117	61145	41.385	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	108805	44.474	ng	95
20) 3+4-Methylphenols	7.22	107	153472	43.835	ng	91
22) Acetophenone	7.21	105	219535	41.514	ng	98
24) Nitrobenzene	7.39	77	164328	42.006	ng	94
25) Isophorone	7.62	82	287755	41.026	ng	99
26) 2-Nitrophenol	7.70	139	74557	44.370	ng	94
27) 2,4-Dimethylphenol	7.74	122	110351	41.412	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	176884	40.932	ng	99
29) 2,4-Dichlorophenol	7.95	162	117190	41.972	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	121220	40.185	ng	98
31) Naphthalene	8.10	128	414602	41.417	ng	99
32) Benzoic acid	7.90	122	63986	34.026	ng	99
33) 4-Chloroaniline	8.16	127	184433	41.540	ng	99
34) Hexachlorobutadiene	8.22	225	70007	40.906	ng	97
35) Caprolactam	8.53	113	24206	25.613	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	134419	41.288	ng	100
37) 2-Methylnaphthalene	8.79	142	284869	42.260	ng	97
38) 1-Methylnaphthalene	8.89	142	267390	42.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	114899	42.302	ng	99

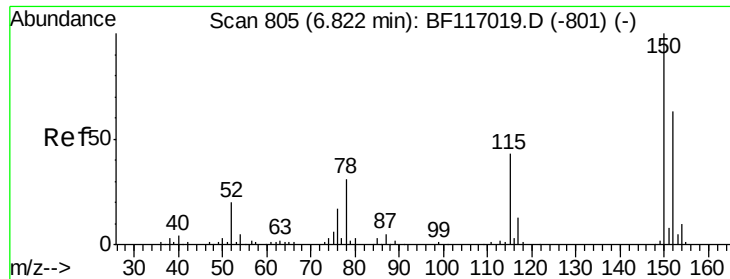
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	41234	38.822	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	74309	40.314	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	74312	37.734	ng	96
46) 1,1'-Biphenyl	9.26	154	348740	42.268	ng	100
47) 2-Chloronaphthalene	9.29	162	273109	41.942	ng	97
48) 2-Nitroaniline	9.39	65	89230	42.723	ng	96
49) Acenaphthylene	9.70	152	405233	41.542	ng	99
50) Dimethylphthalate	9.56	163	310518	41.694	ng	99
51) 2,6-Dinitrotoluene	9.63	165	65697	43.312	ng	96
52) Acenaphthene	9.87	154	247444	42.792	ng	99
53) 3-Nitroaniline	9.80	138	80669	42.151	ng	93
54) 2,4-Dinitrophenol	9.92	184	26560	45.072	ng	95
55) Dibenzofuran	10.04	168	361245	42.342	ng	99
56) 4-Nitrophenol	9.98	139	51468	41.495	ng	96
57) 2,4-Dinitrotoluene	10.04	165	88877	45.139	ng	# 86
58) Fluorene	10.39	166	298105	43.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	60655	40.247	ng	98
60) Diethylphthalate	10.25	149	312669	42.673	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	132216	44.465	ng	98
62) 4-Nitroaniline	10.42	138	77010	38.693	ng	98
63) Azobenzene	10.53	77	316223	42.256	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35666	45.218	ng	84
66) n-Nitrosodiphenylamine	10.49	169	255683	42.326	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	74883	41.921	ng	91
68) Hexachlorobenzene	10.94	284	79599	40.741	ng	98
69) Atrazine	11.02	200	55114	34.397	ng	99
70) Pentachlorophenol	11.14	266	39990	43.666	ng	96
71) Phenanthrene	11.35	178	414595	41.731	ng	99
72) Anthracene	11.40	178	427404	42.138	ng	99
73) Carbazole	11.56	167	391729	40.688	ng	99
74) Di-n-butylphthalate	11.87	149	507401	44.296	ng	99
75) Fluoranthene	12.54	202	420164	41.160	ng	97
77) Benzidine	12.66	184	140241	35.306	ng	100
78) Pyrene	12.77	202	432796	41.830	ng	98
80) Butylbenzylphthalate	13.37	149	207784	42.501	ng	95
81) Benzo(a)anthracene	13.96	228	338496	41.087	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	107645	40.547	ng	97
83) Chrysene	14.00	228	334871	41.676	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	279315	44.310	ng	99
85) Di-n-octyl phthalate	14.54	149	419463	42.278	ng	100
86) Indeno(1,2,3-cd)pyrene	16.88	276	228571	38.991	ng	98
88) Benzo(b)fluoranthene	15.00	252	264097	42.683	ng	97
89) Benzo(k)fluoranthene	15.03	252	244103	41.647	ng	98
90) Benzo(a)pyrene	15.36	252	226295	41.678	ng	98
91) Dibenzo(a,h)anthracene	16.88	278	188976	43.690	ng	98
92) Benzo(g,h,i)perylene	17.32	276	181063	42.008	ng	99

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

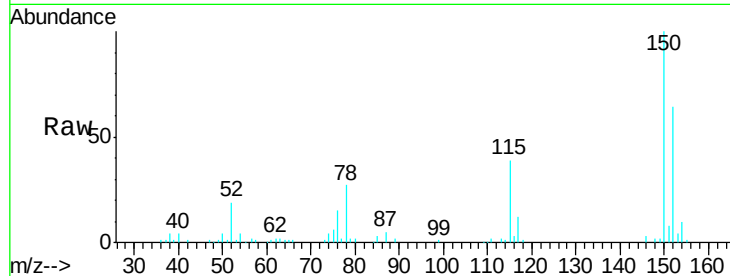


#1

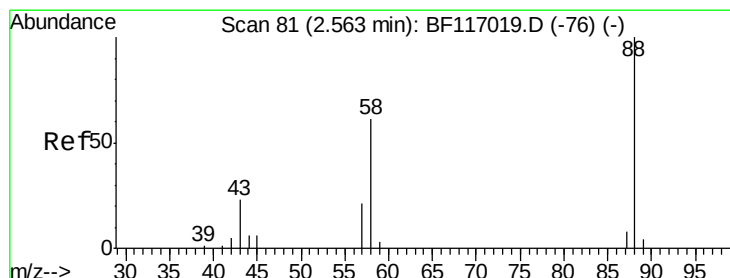
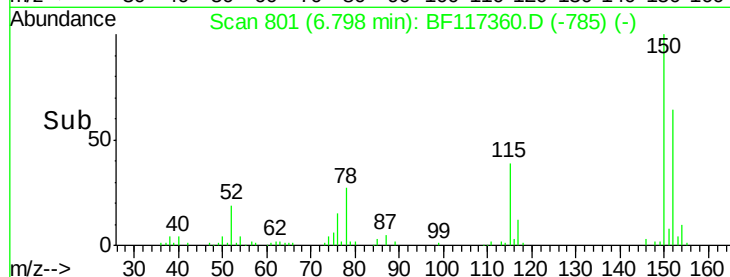
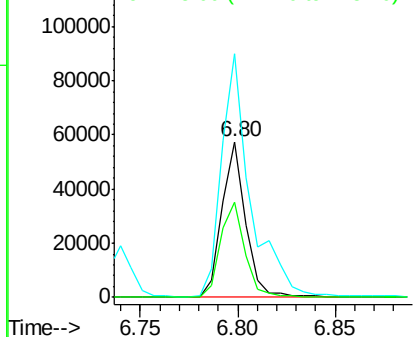
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 48536
Ion Ratio Lower Upper
152 100
150 156.4 127.5 191.3
115 61.1 55.0 82.4



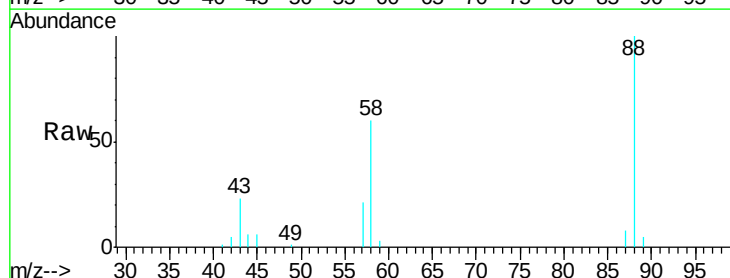
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



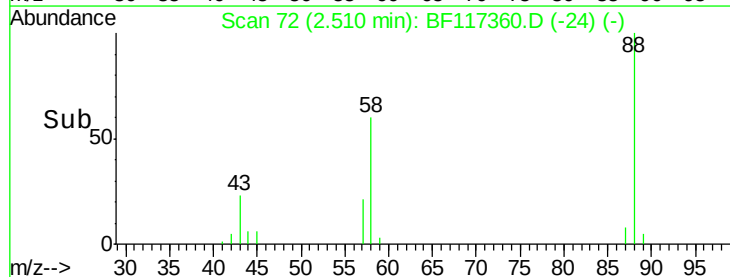
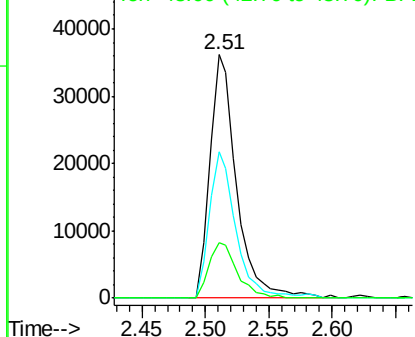
#2

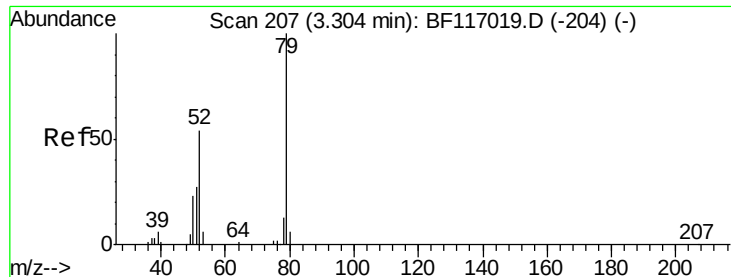
1,4-Dioxane
Concen: 40.981 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion: 88 Resp: 53311
Ion Ratio Lower Upper
88 100
58 60.2 49.3 73.9
43 24.1 18.8 28.2



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





#3

Pyridine

Concen: 38.318 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

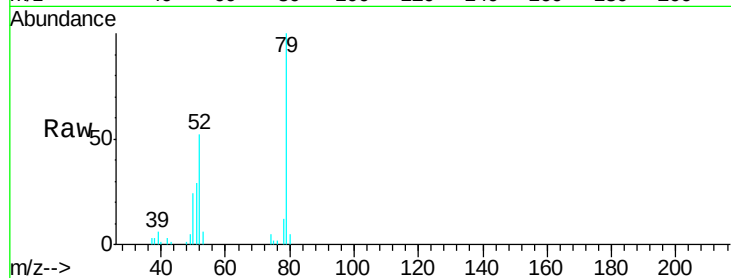
Tgt Ion: 79 Resp: 136434

Ion Ratio Lower Upper

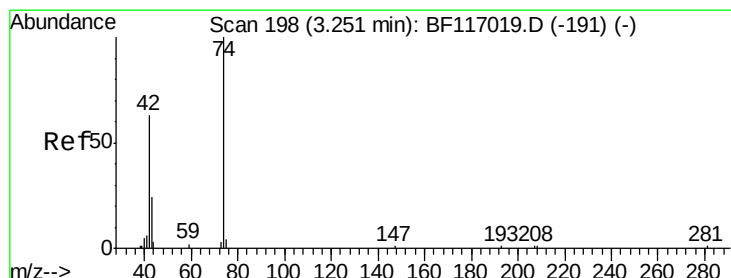
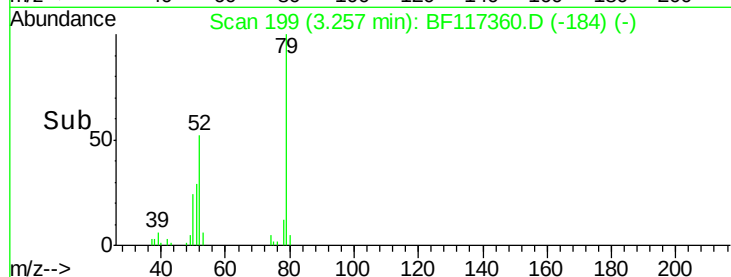
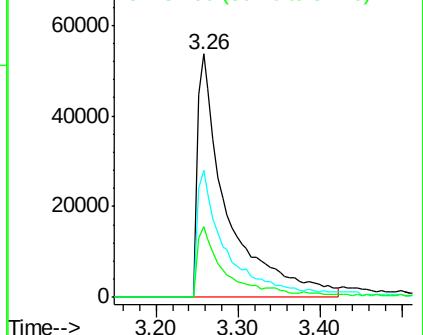
79 100

52 52.1 43.5 65.3

51 28.9 21.8 32.6



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: 39.974 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

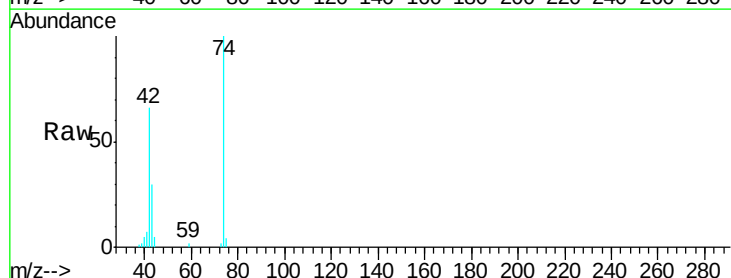
Tgt Ion: 42 Resp: 48845

Ion Ratio Lower Upper

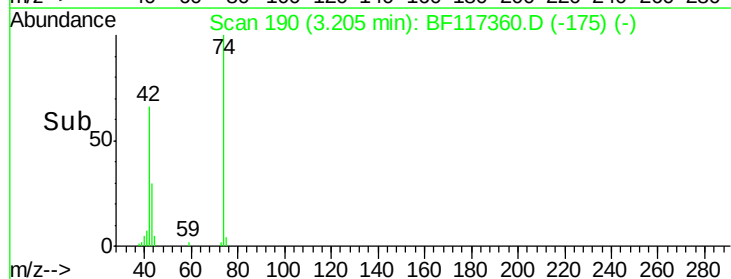
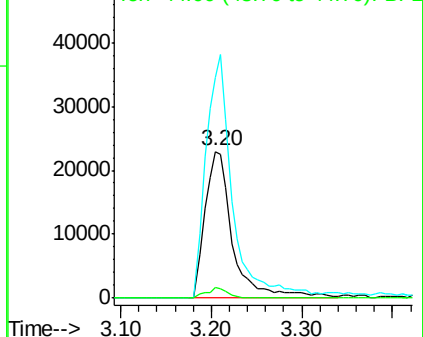
42 100

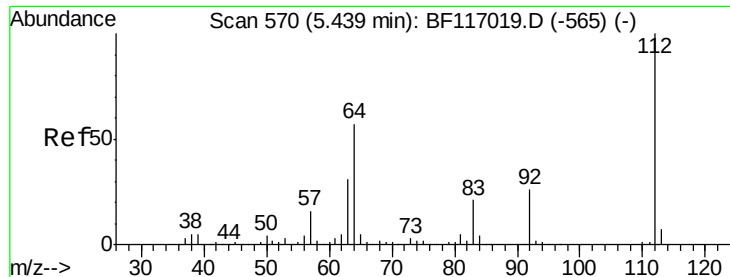
74 150.5 127.1 190.7

44 6.9 4.3 6.5#



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: 85.329 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

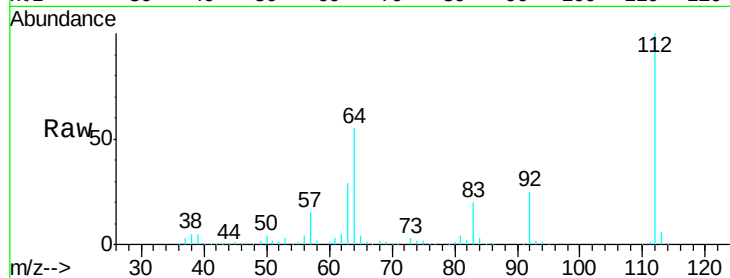
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

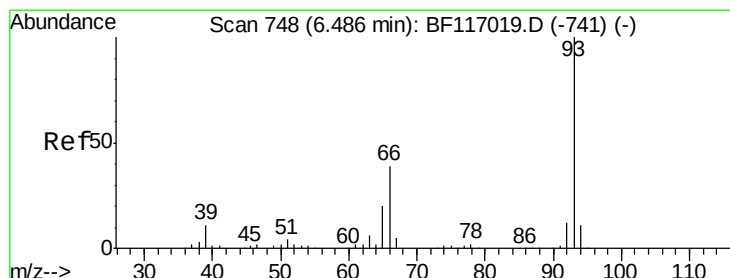
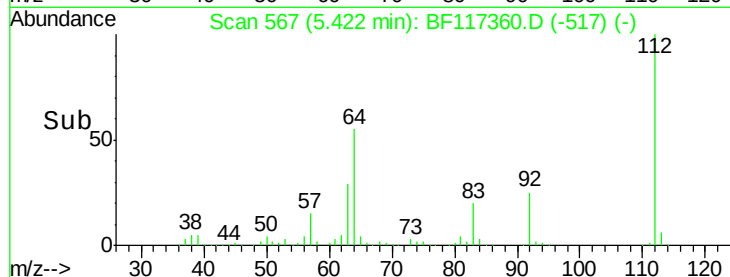
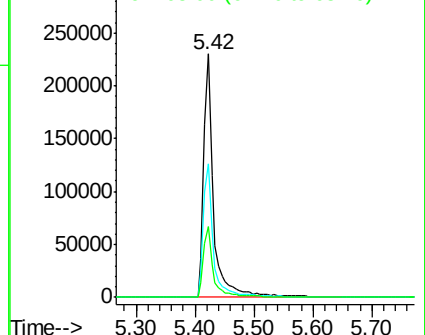
Tgt Ion:	112	Resp:	265271
Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	29.3	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.470 ng

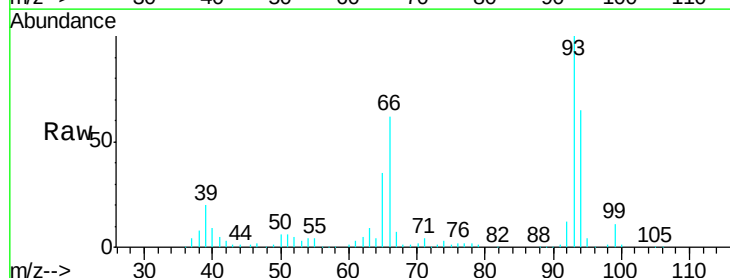
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

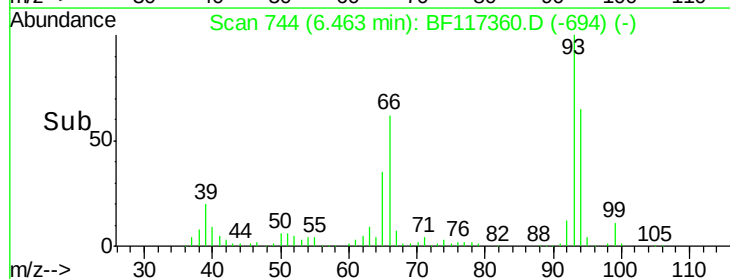
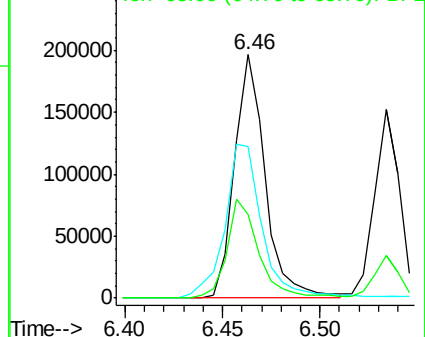
Tgt Ion:	93	Resp:	214517
Ion	Ratio	Lower	Upper
93	100		
66	62.2	32.6	49.0#
65	34.6	16.7	25.1#

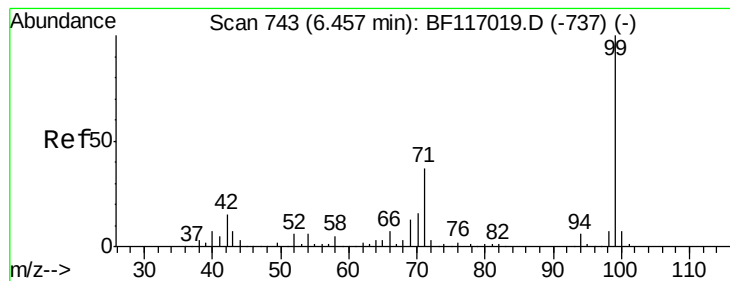


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.064 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

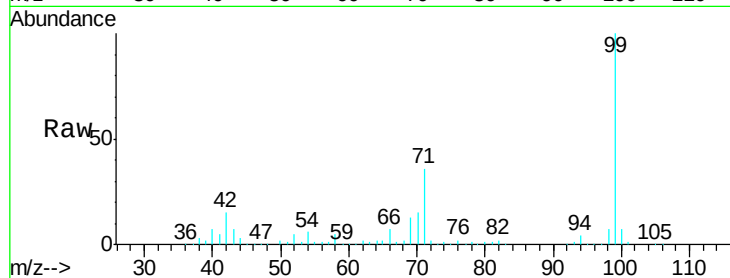
Tgt Ion: 99 Resp: 341760

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

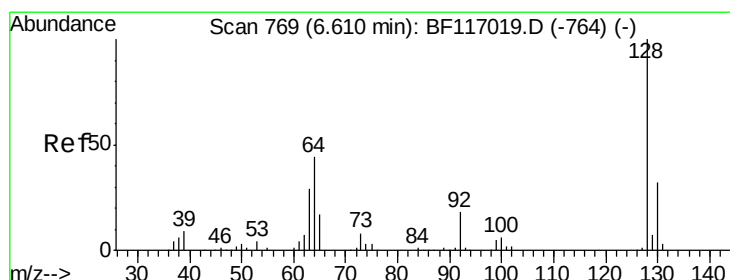
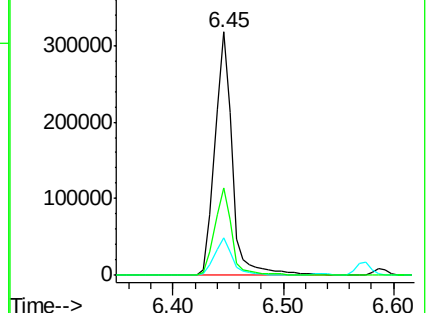
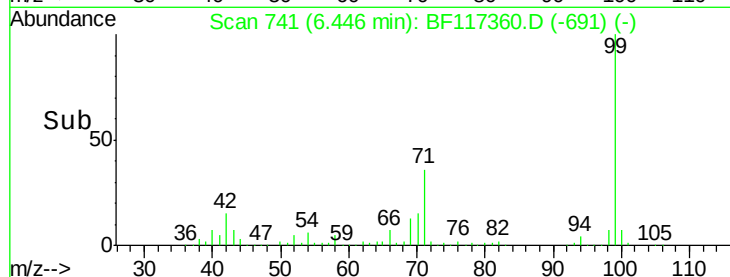
71 36.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.990 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

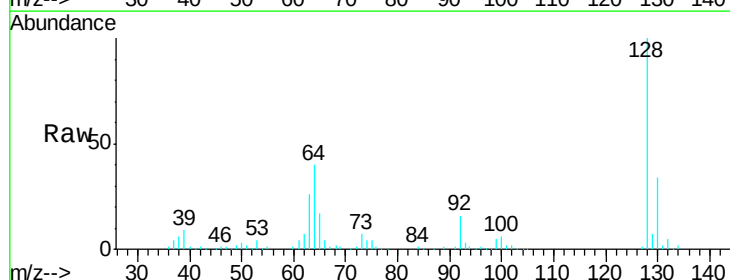
Tgt Ion: 128 Resp: 140826

Ion Ratio Lower Upper

128 100

130 34.1 11.8 51.8

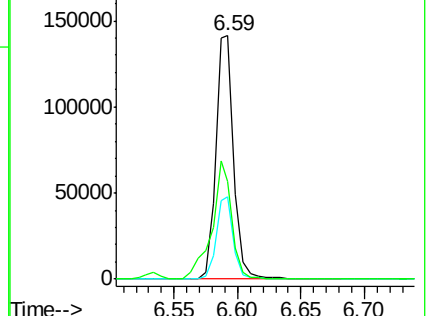
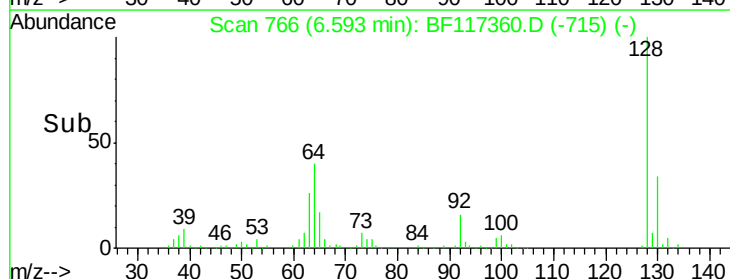
64 40.3 25.0 65.0

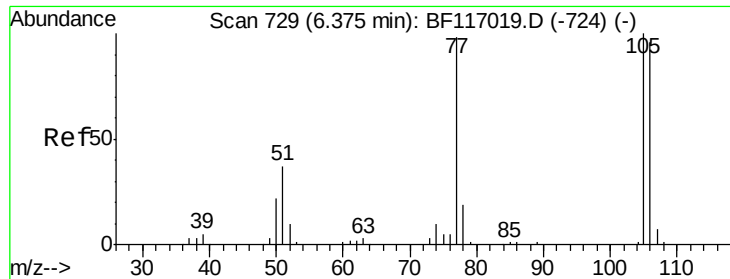


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.245 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

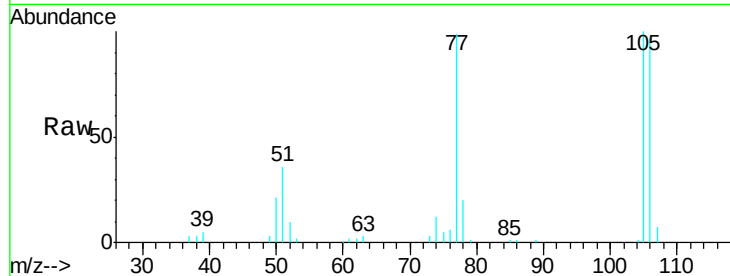
Tgt Ion: 77 Resp: 88344

Ion Ratio Lower Upper

77 100

105 100.6 81.8 121.8

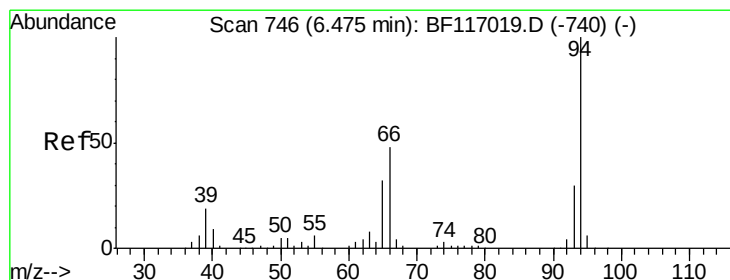
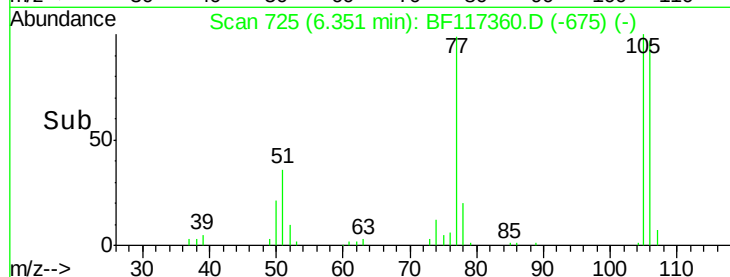
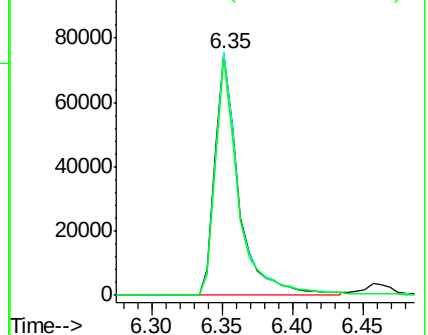
106 97.4 77.3 117.3



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: 41.095 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

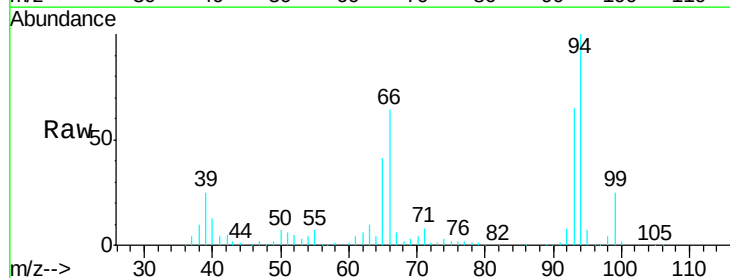
Tgt Ion: 94 Resp: 182014

Ion Ratio Lower Upper

94 100

65 41.0 12.5 52.5

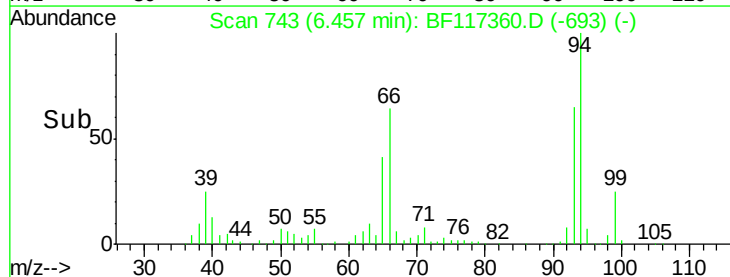
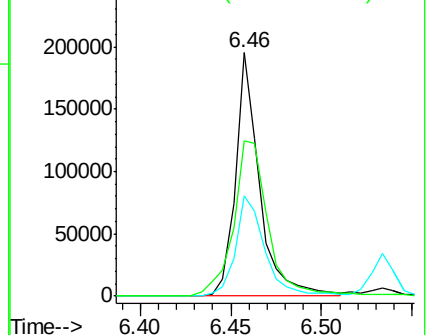
66 63.7 28.9 68.9

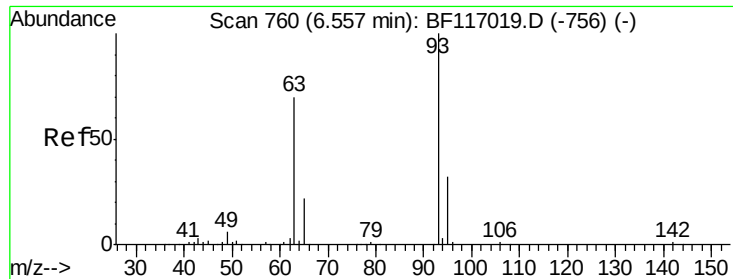


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

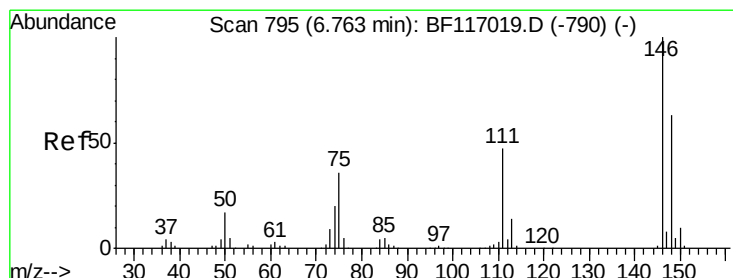
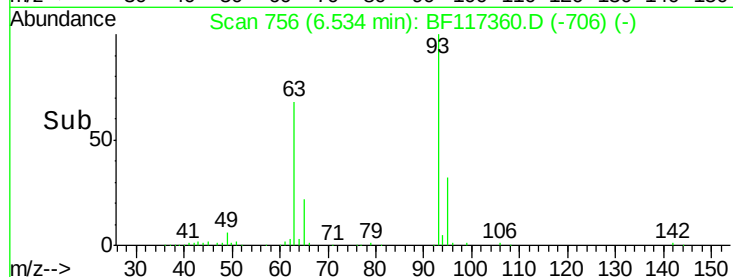
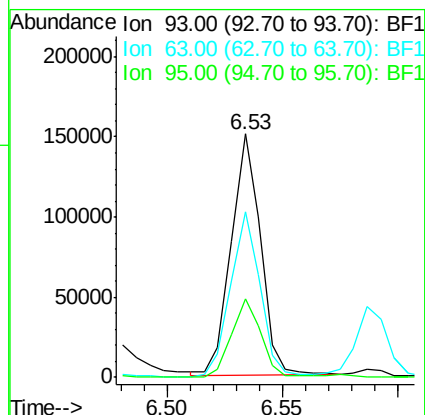
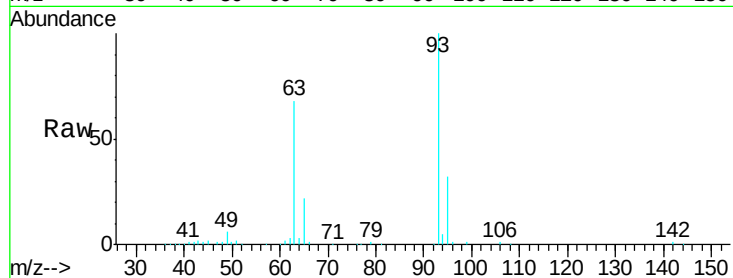




#11
bis(2-Chloroethyl)ether
Concen: 41.026 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

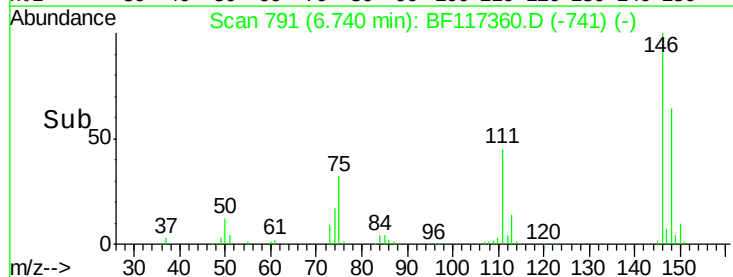
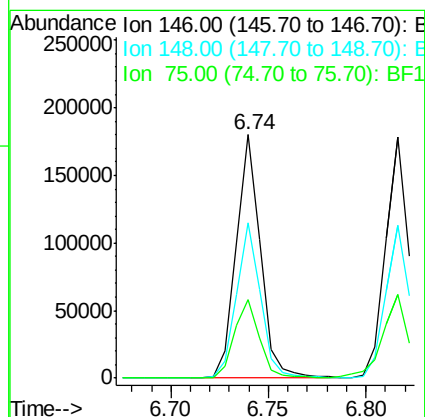
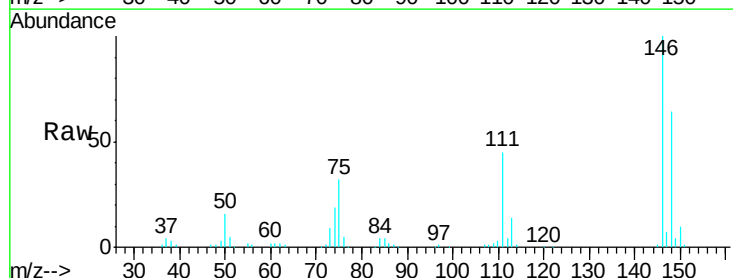
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

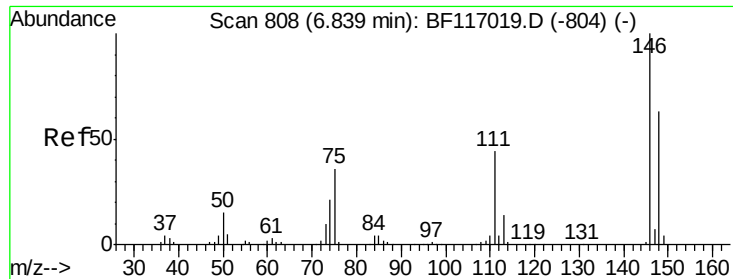
Tgt Ion: 93 Resp: 133549
Ion Ratio Lower Upper
93 100
63 68.2 49.3 89.3
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.331 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion: 146 Resp: 155546
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 32.3 28.7 43.1

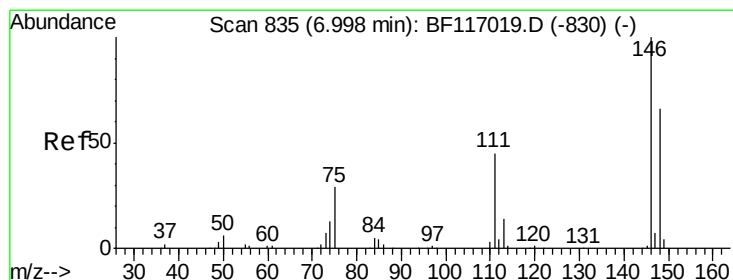
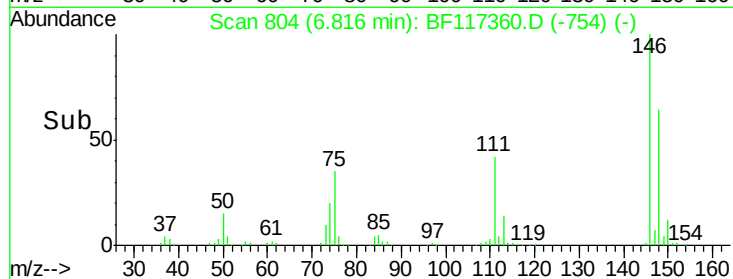
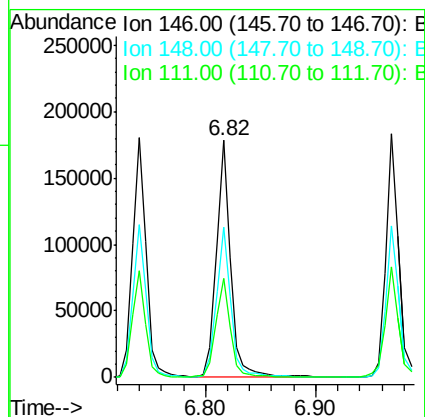
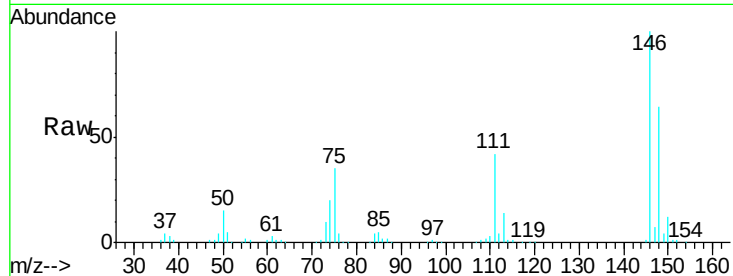




#13
 1,4-Dichlorobenzene
 Concen: 41.649 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

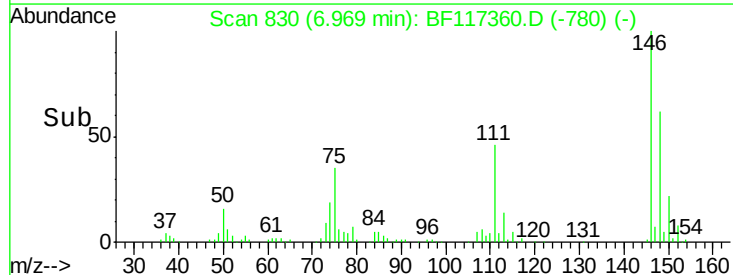
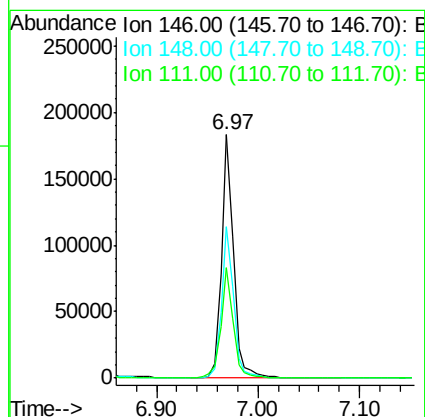
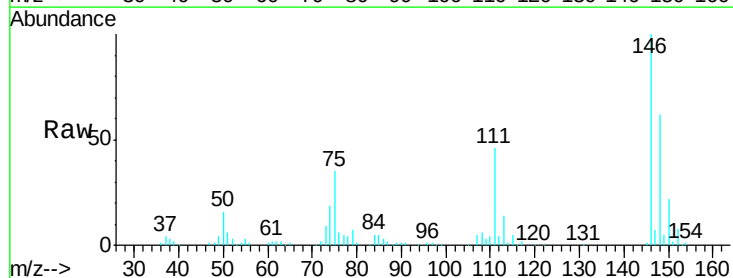
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

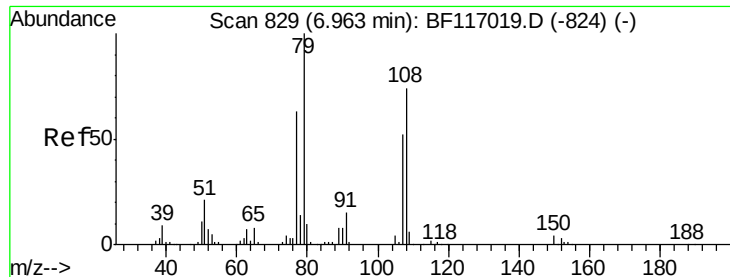
Tgt Ion:146 Resp: 159959
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 41.9 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 42.533 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:146 Resp: 152089
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.6 78.8
 111 45.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.893 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

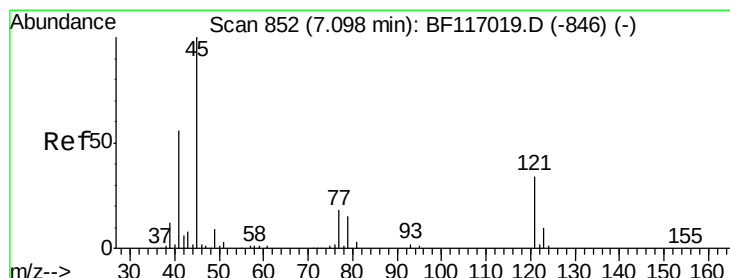
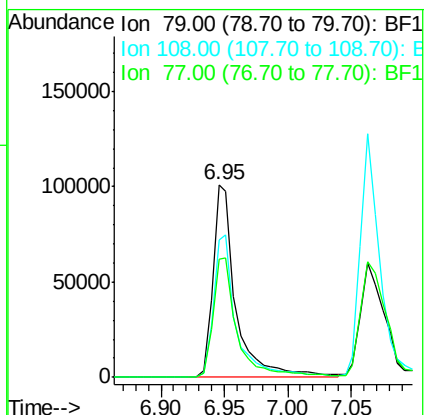
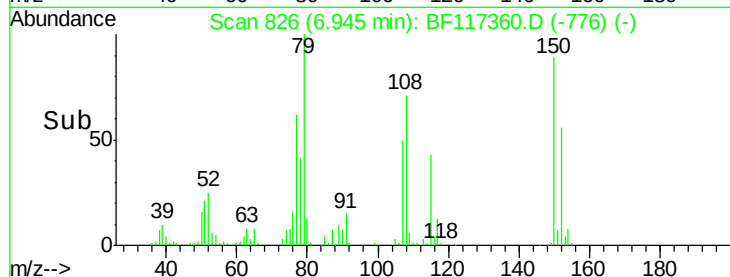
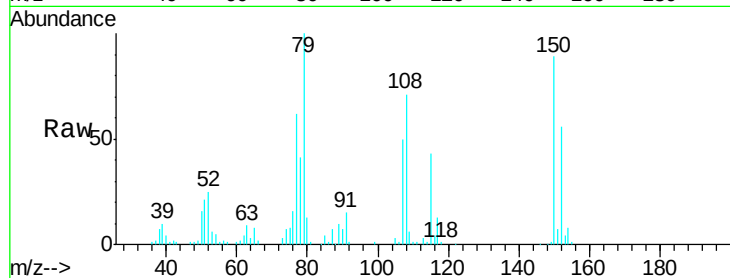
Tgt Ion: 79 Resp: 129071

Ion Ratio Lower Upper

79 100

108 71.1 59.4 89.0

77 61.5 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.038 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

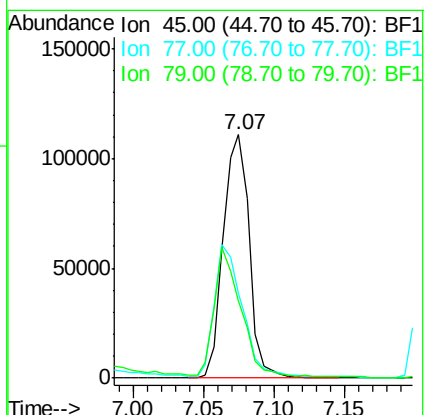
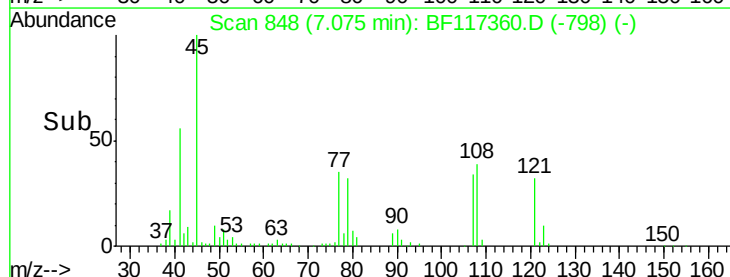
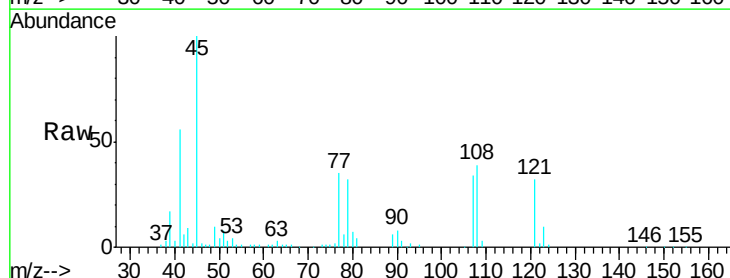
Tgt Ion: 45 Resp: 141632

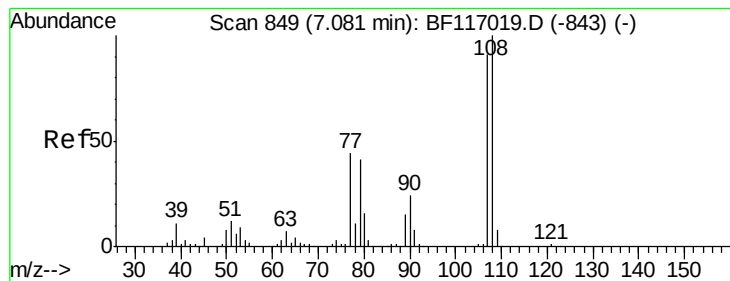
Ion Ratio Lower Upper

45 100

77 34.7 2.7 42.7

79 32.0 0.0 38.9

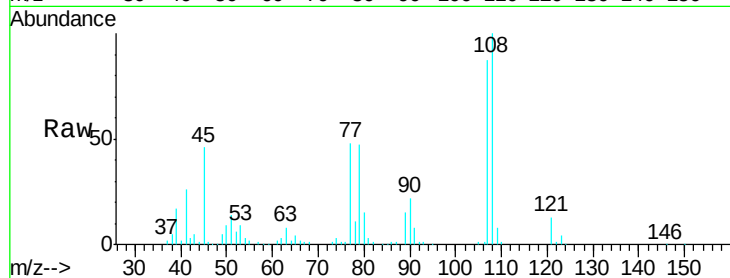




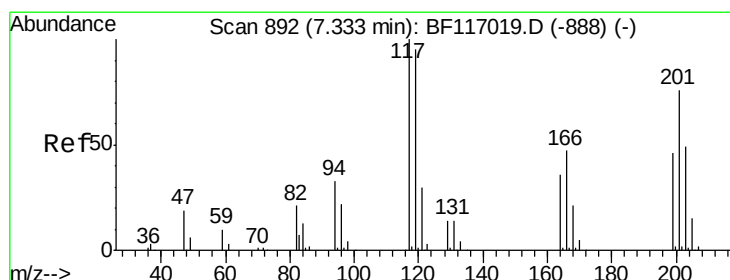
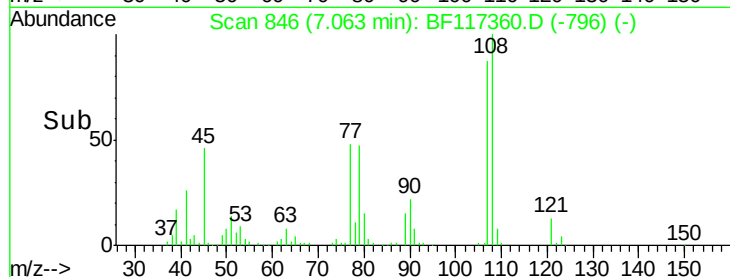
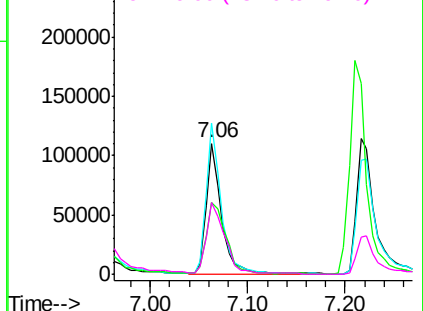
#17
2-Methylphenol
Concen: 42.221 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 118675
Ion Ratio Lower Upper
107 100
108 115.5 87.7 131.5
77 55.1 38.6 58.0
79 54.2 36.8 55.2

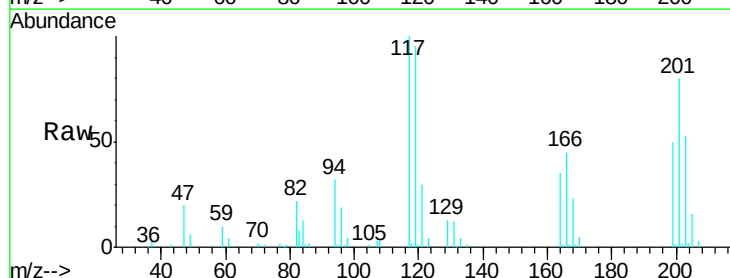


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

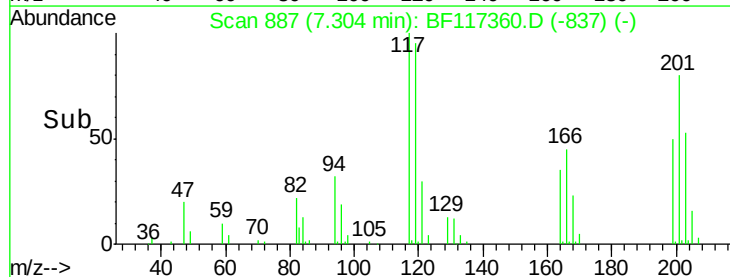
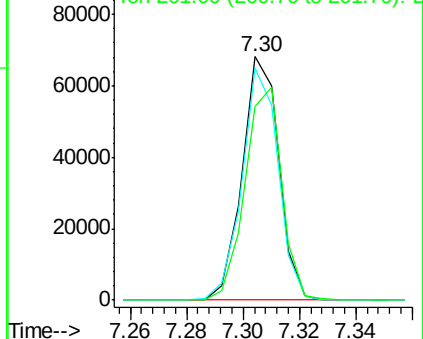


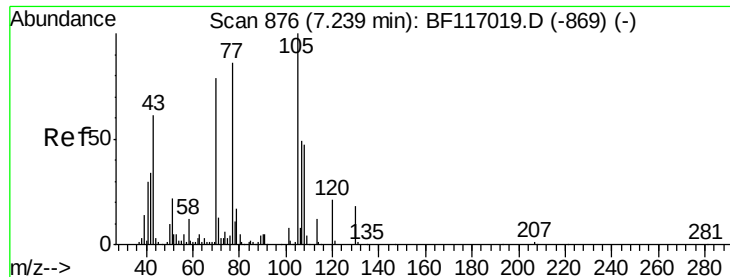
#18
Hexachloroethane
Concen: 41.385 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:117 Resp: 61145
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 79.7 60.9 91.3



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

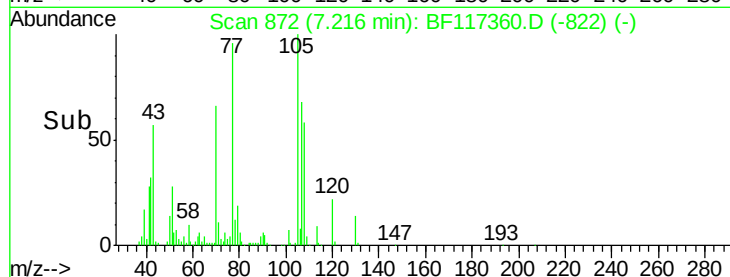
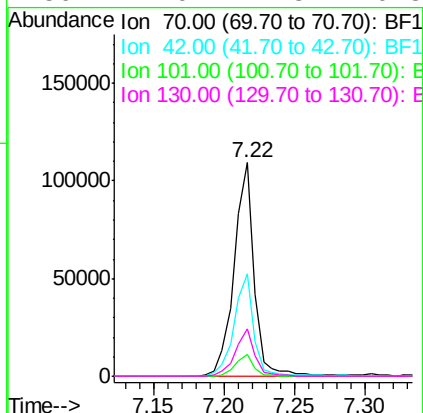
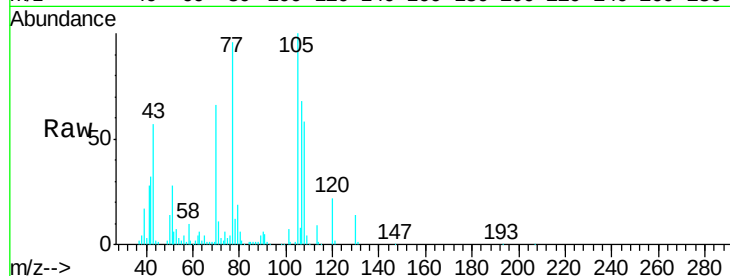




#19
n-Nitroso-di-n-propylamine
Concen: 44.474 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

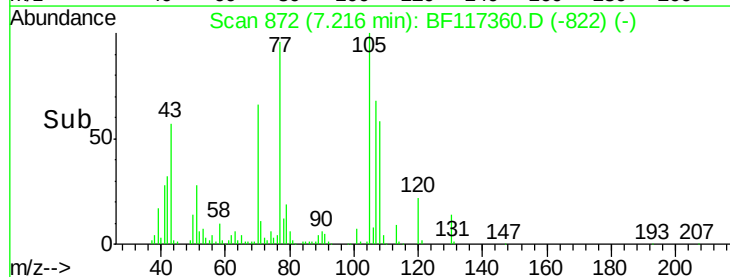
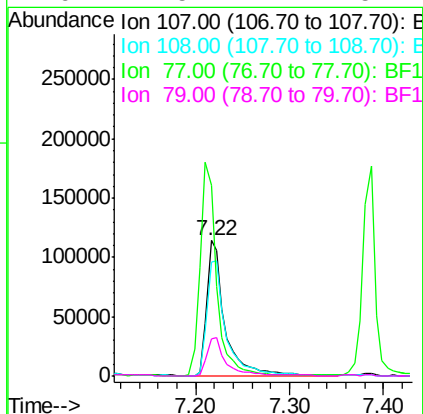
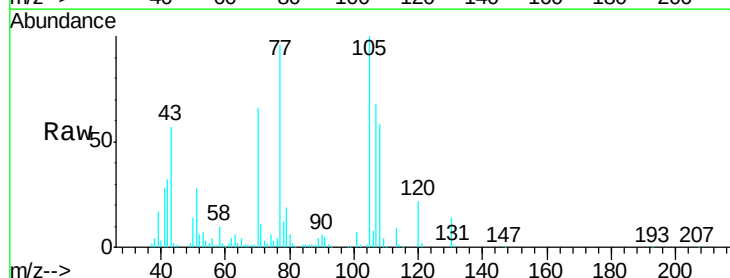
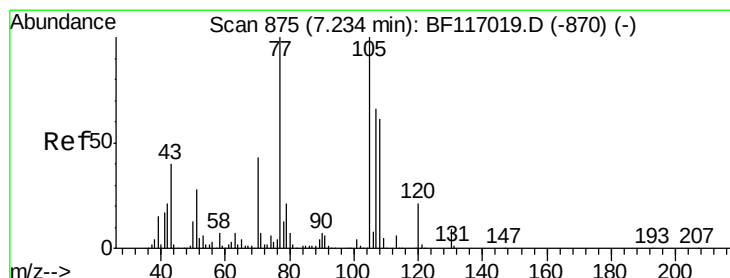
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

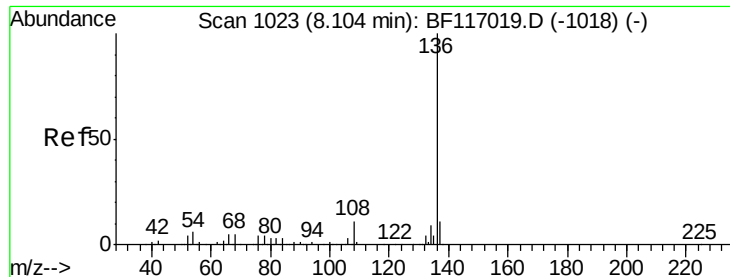
Tgt Ion:	70	Resp:	108805
Ion	Ratio	Lower	Upper
70	100		
42	48.1	34.0	51.0
101	10.0	7.8	11.6
130	22.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 43.835 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:	107	Resp:	153472
Ion	Ratio	Lower	Upper
107	100		
108	84.6	72.6	112.6
77	140.8	132.1	172.1
79	27.5	12.1	52.1

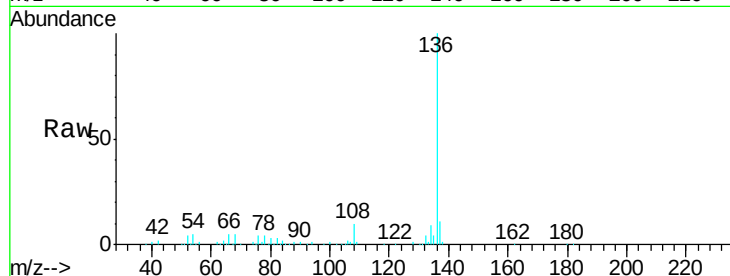




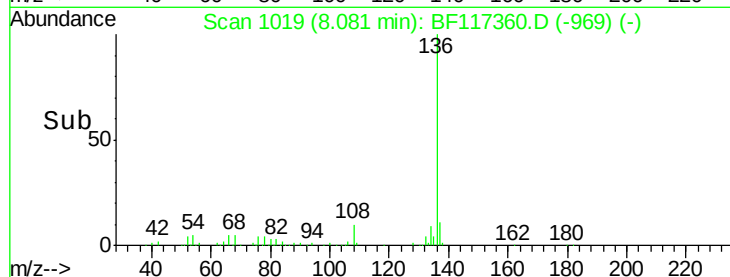
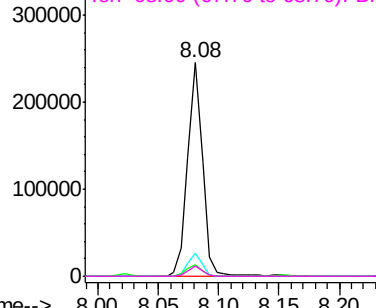
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	208142
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.5	4.5	6.7
68	4.9	4.0	6.0

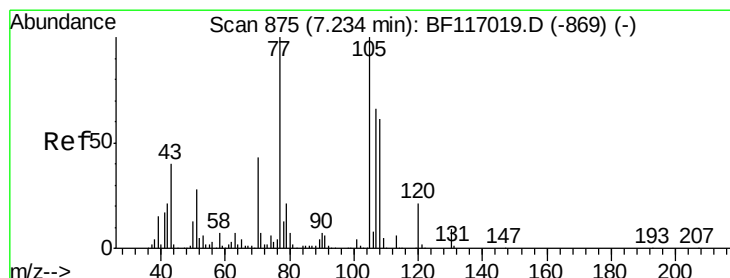


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

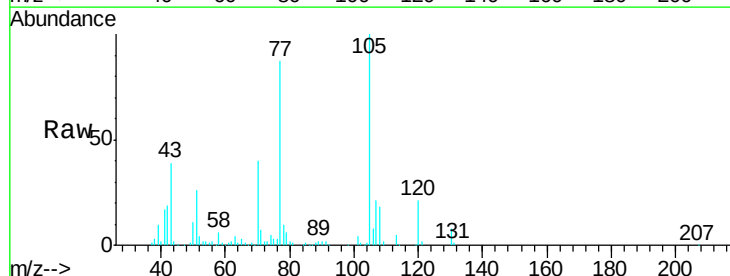
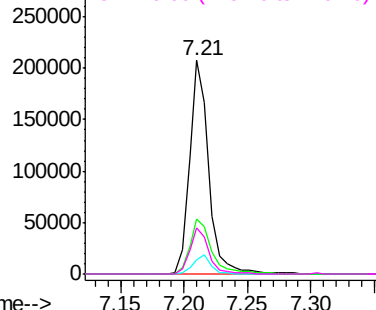


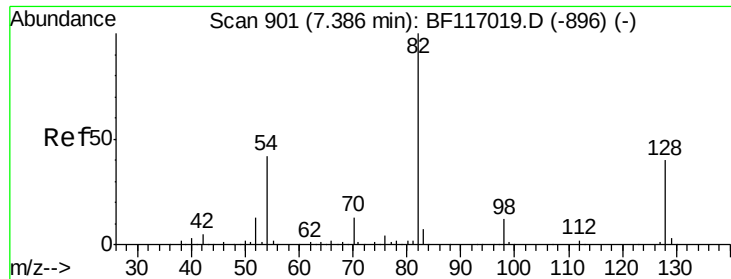
#22
Acetophenone
Concen: 41.514 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:	105	Resp:	219535
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.7	8.5
51	25.7	22.1	33.1
120	21.5	17.1	25.7



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

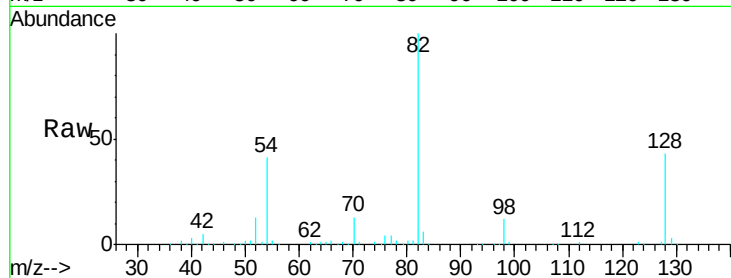




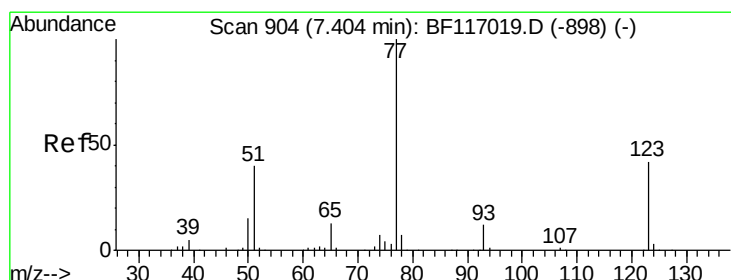
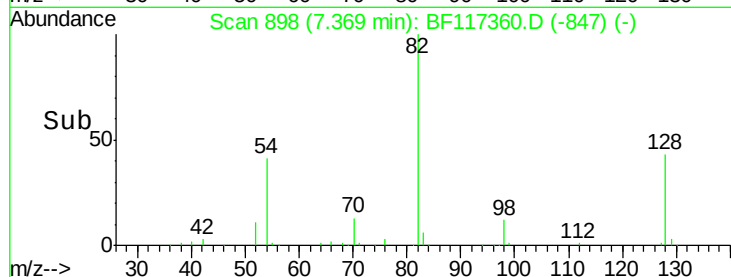
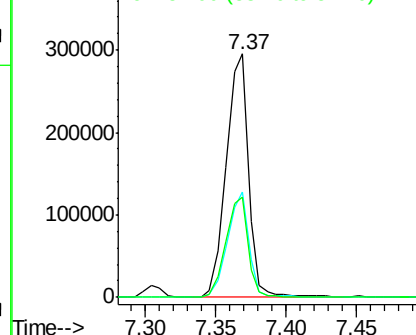
#23
 Nitrobenzene-d5
 Concen: 82.662 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.3	48.5
54	41.3	33.3	49.9

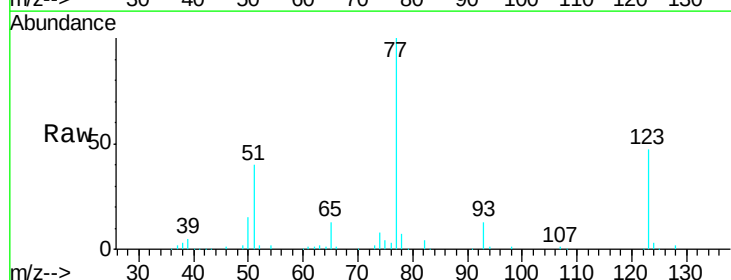


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

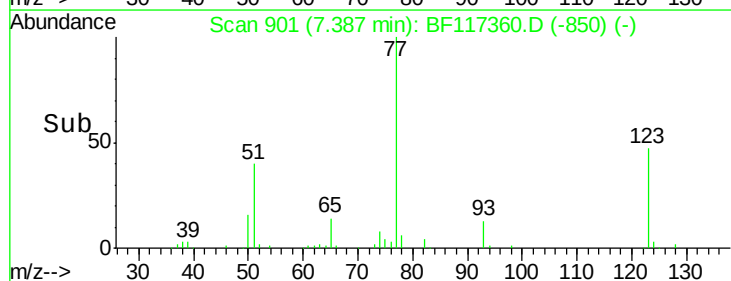
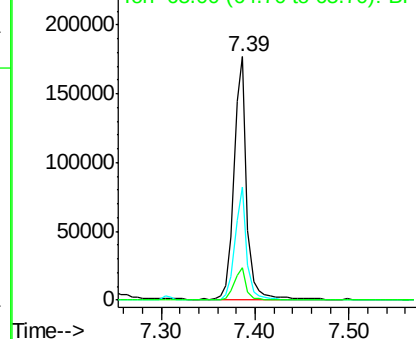


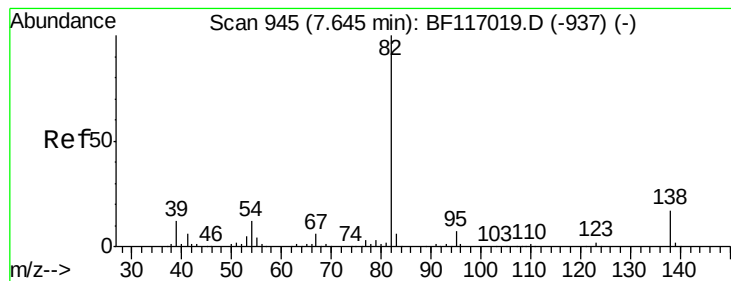
#24
 Nitrobenzene
 Concen: 42.006 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.5	50.3
65	13.3	10.5	15.7



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: 41.026 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

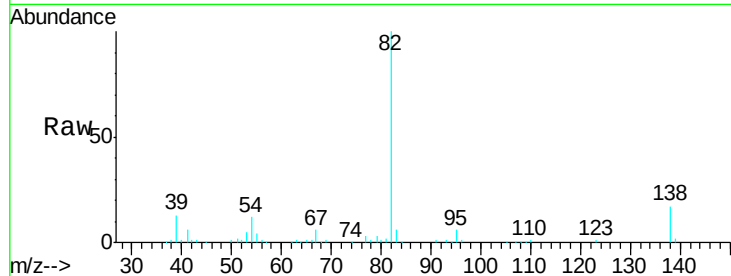
Tgt Ion: 82 Resp: 287755

Ion Ratio Lower Upper

82 100

95 6.3 5.8 8.6

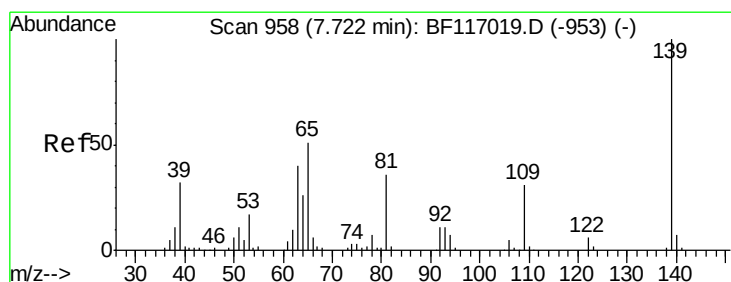
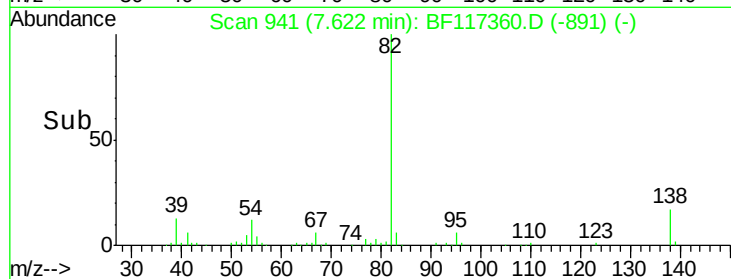
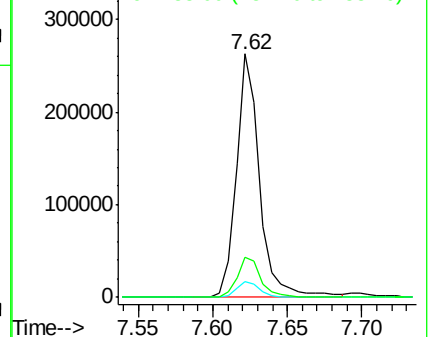
138 16.6 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.370 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

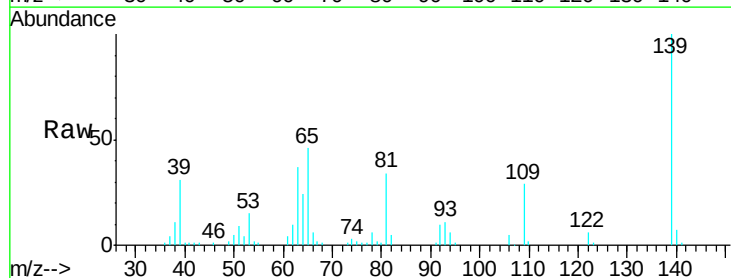
Tgt Ion: 139 Resp: 74557

Ion Ratio Lower Upper

139 100

109 29.0 24.6 36.8

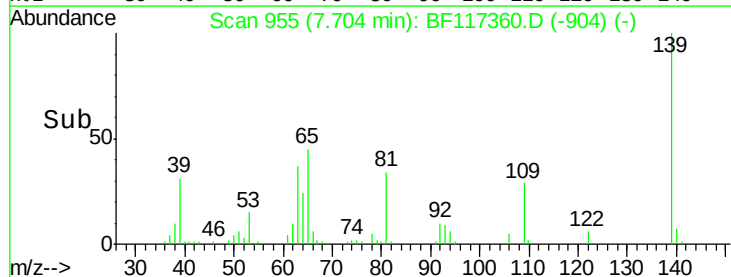
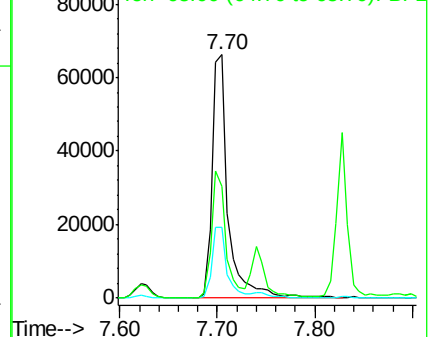
65 45.8 40.9 61.3

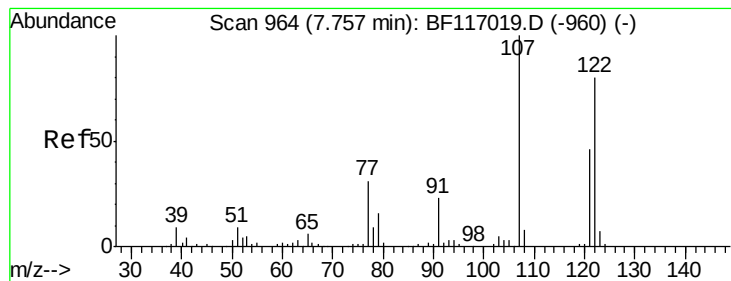


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.412 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

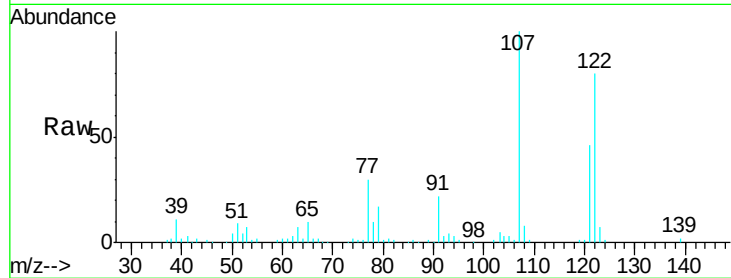
Tgt Ion:122 Resp: 110351

Ion Ratio Lower Upper

122 100

107 125.0 98.9 148.3

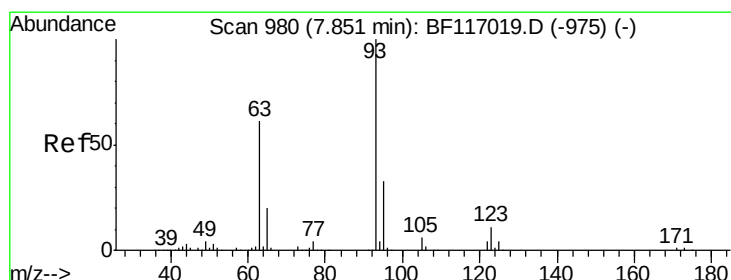
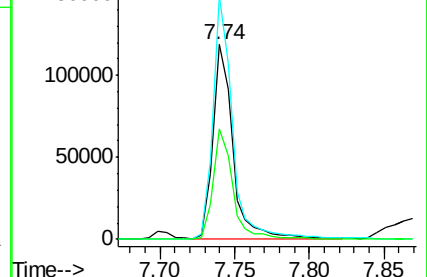
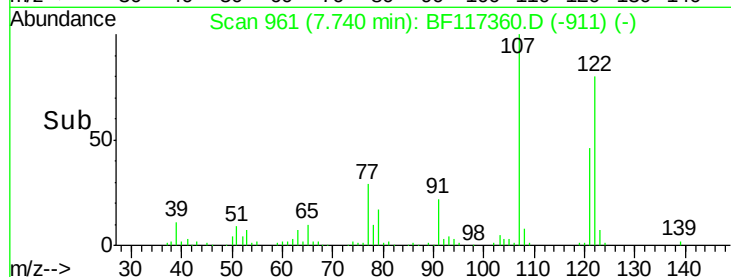
121 57.0 45.3 67.9



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: 40.932 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

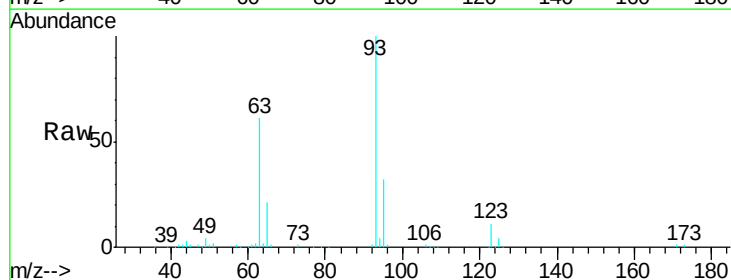
Tgt Ion: 93 Resp: 176884

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

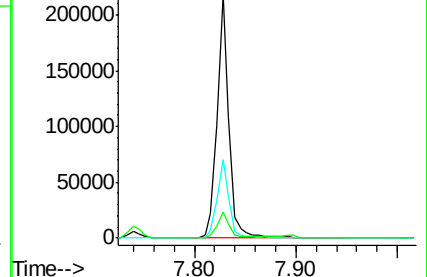
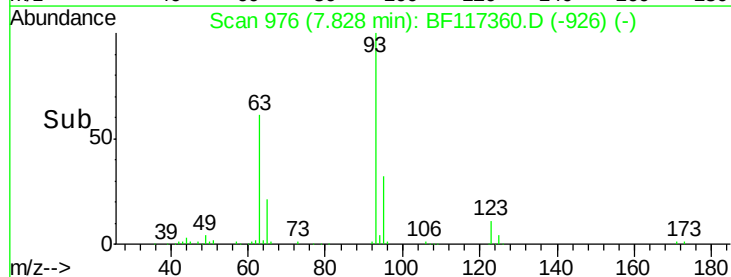
123 10.8 9.0 13.6

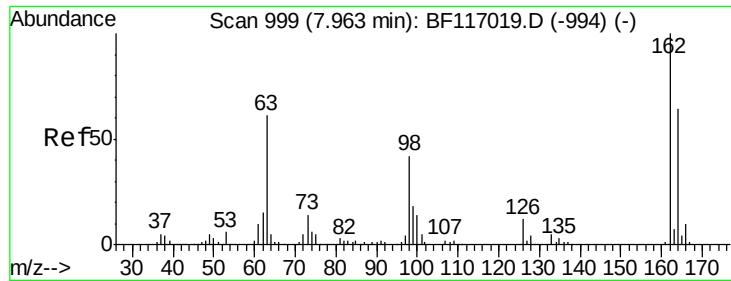


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

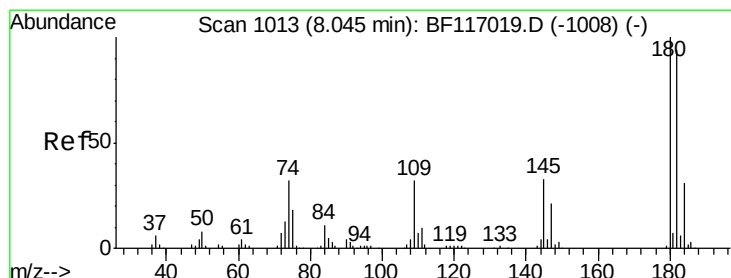
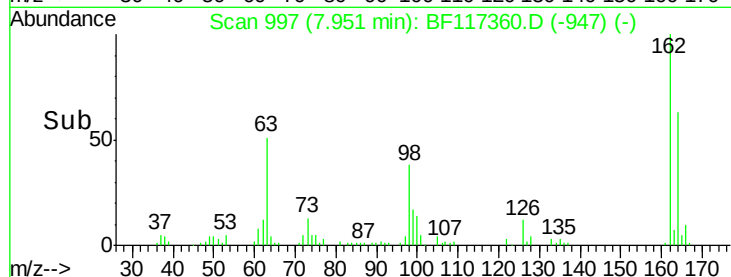
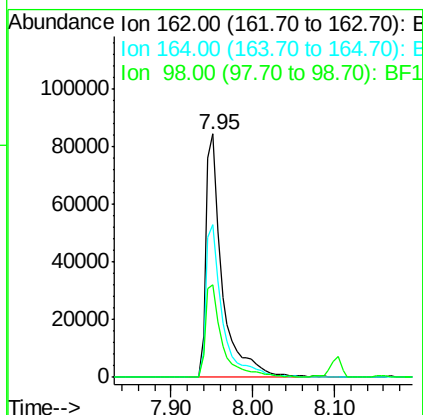
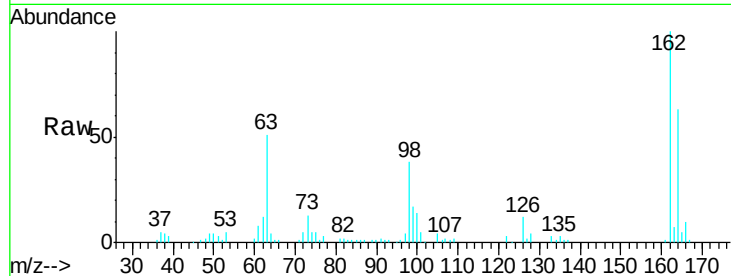




#29
2,4-Dichlorophenol
Concen: 41.972 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

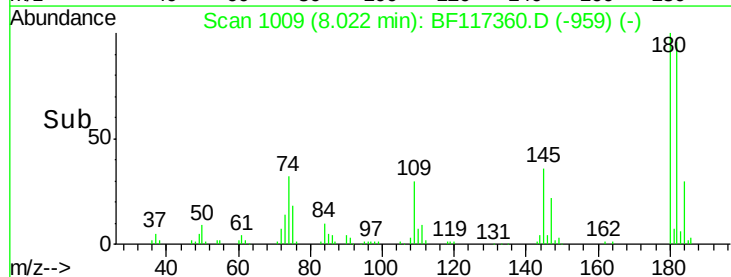
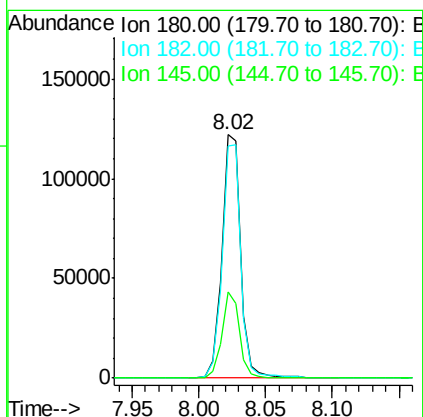
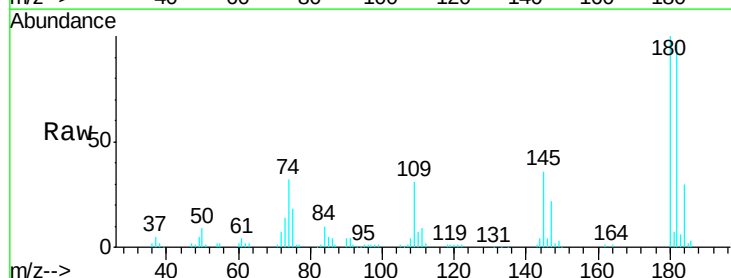
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

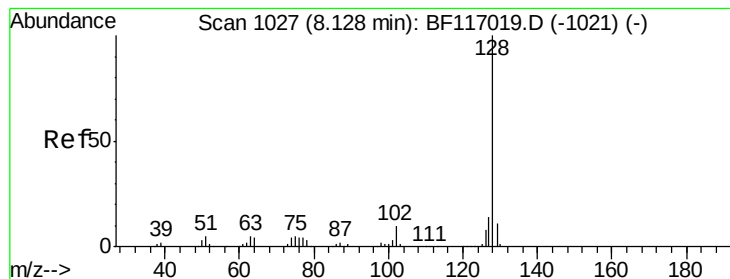
Tgt Ion:162 Resp: 117190
Ion Ratio Lower Upper
162 100
164 62.6 43.8 83.8
98 37.8 22.1 62.1



#30
1,2,4-Trichlorobenzene
Concen: 40.185 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:180 Resp: 121220
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 35.5 26.7 40.1





#31

Naphthalene

Concen: 41.417 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

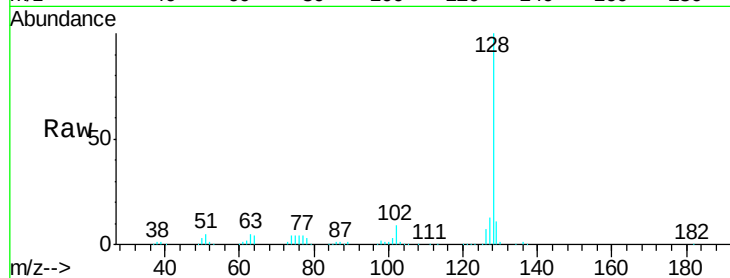
Tgt Ion:128 Resp: 414602

Ion Ratio Lower Upper

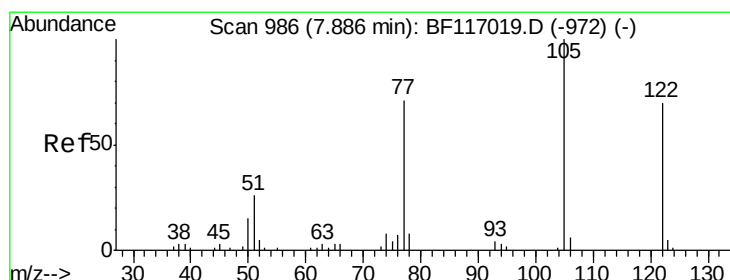
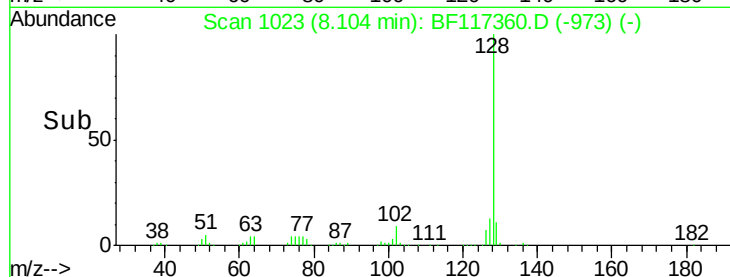
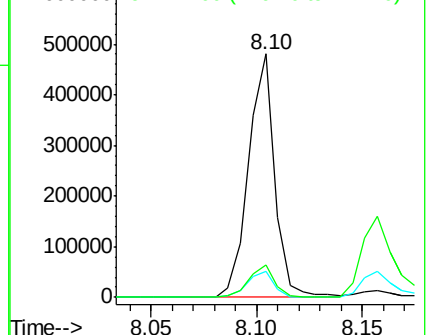
128 100

129 10.8 9.0 13.4

127 13.1 10.8 16.2



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: 34.026 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

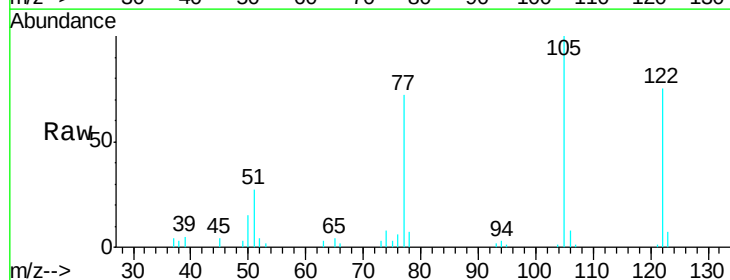
Tgt Ion:122 Resp: 63986

Ion Ratio Lower Upper

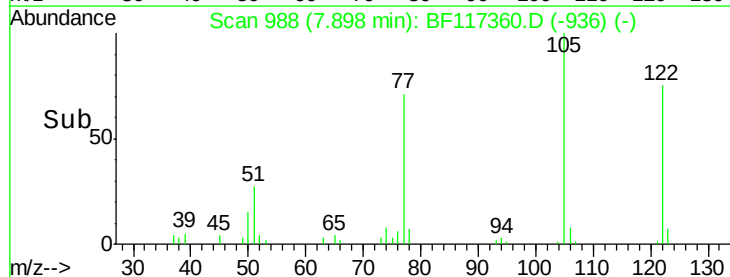
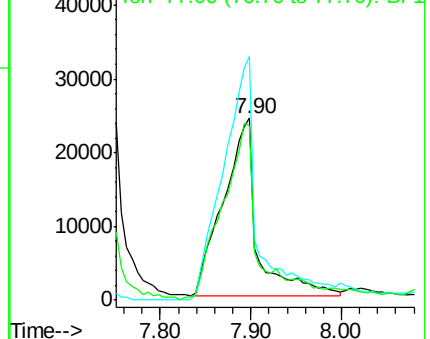
122 100

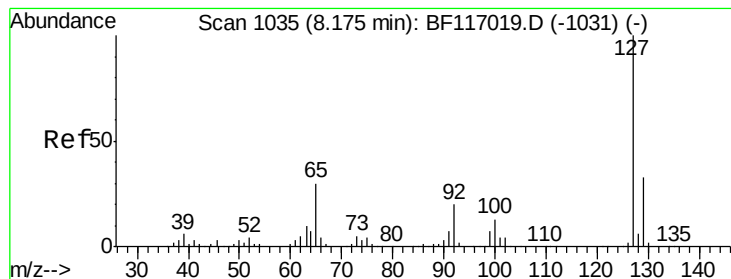
105 133.9 114.8 154.8

77 96.3 78.7 118.7



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: 41.540 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 184433

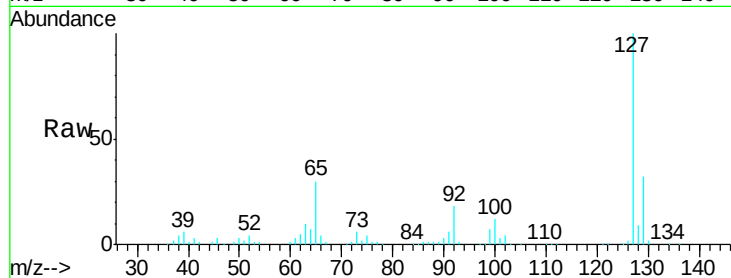
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 29.6 23.5 35.3

92 18.1 15.9 23.9

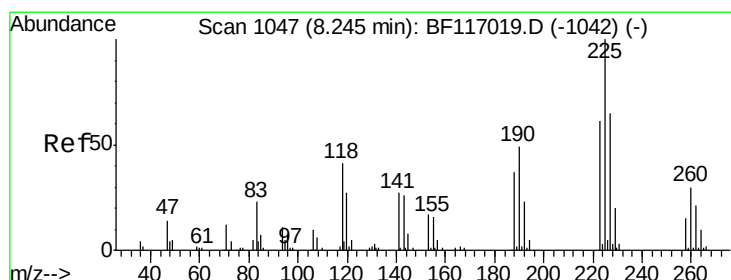
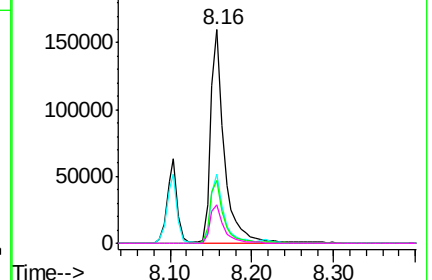
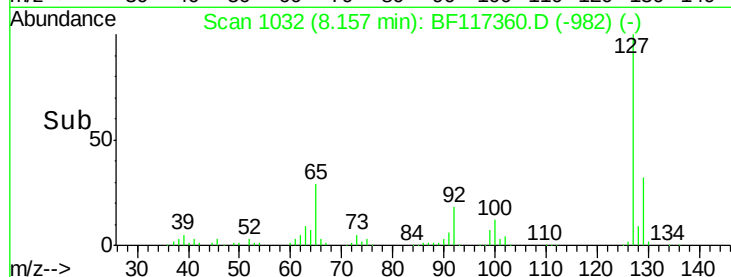


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.906 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

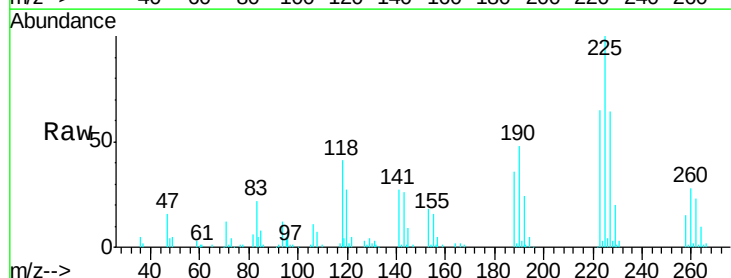
Tgt Ion:225 Resp: 70007

Ion Ratio Lower Upper

225 100

223 65.1 49.1 73.7

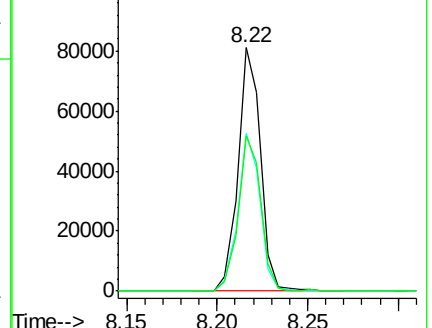
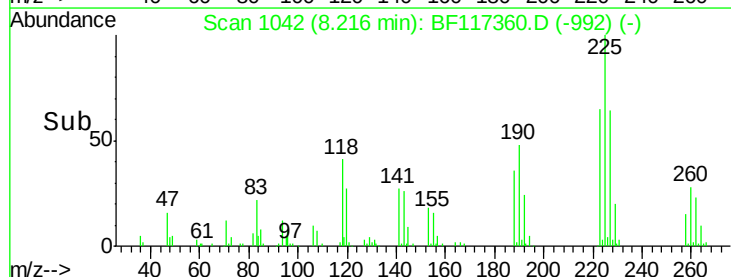
227 63.6 52.2 78.2

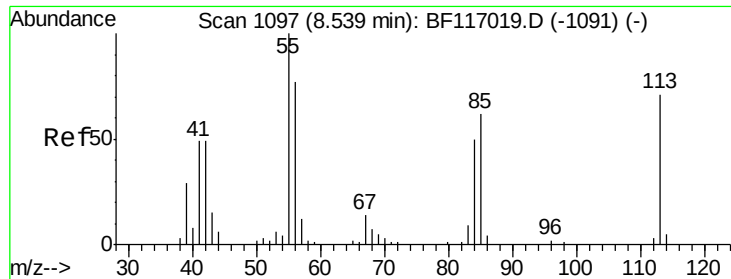


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

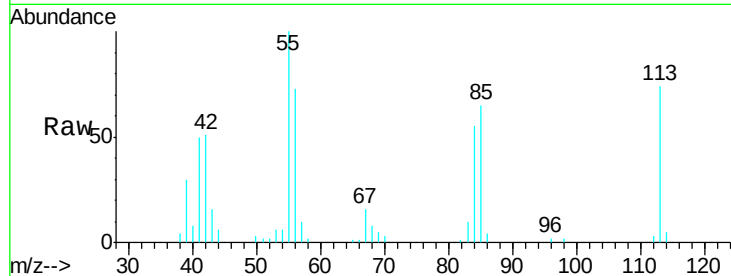




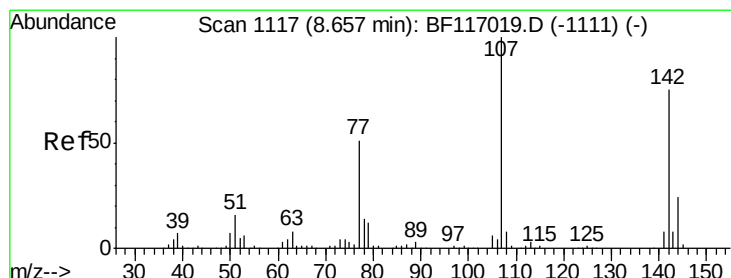
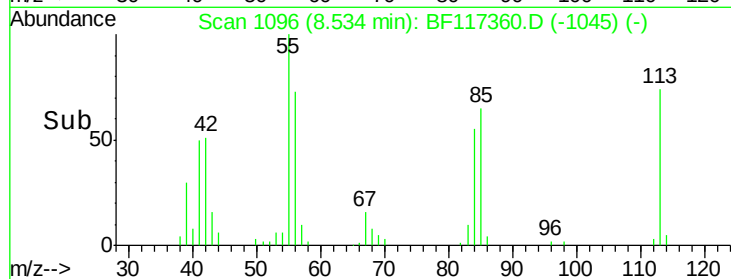
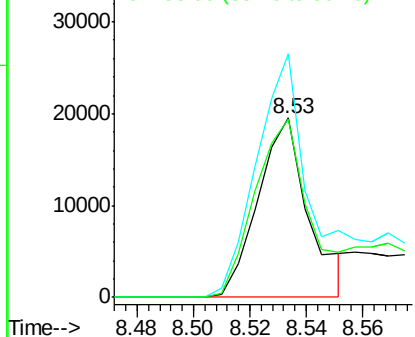
#35
 Caprolactam
 Concen: 25.613 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 24206
 Ion Ratio Lower Upper
 113 100
 55 135.6 120.6 160.6
 56 99.3 88.8 128.8

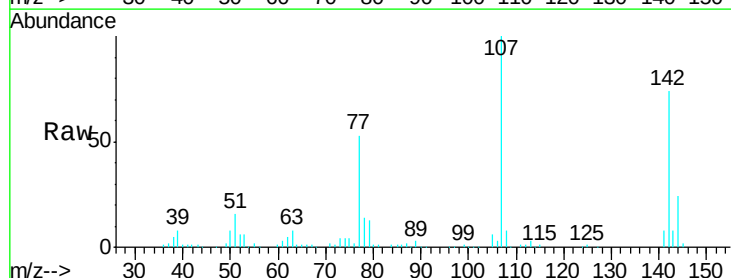


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

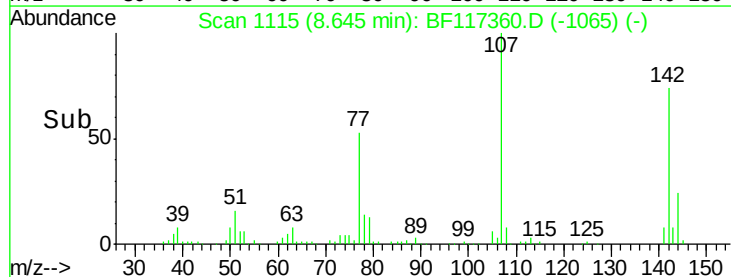
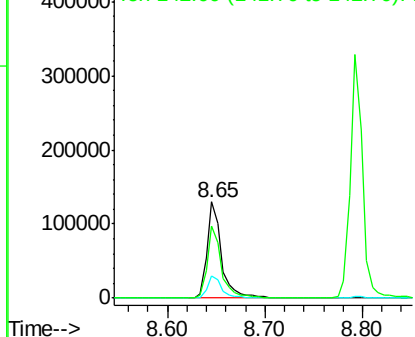


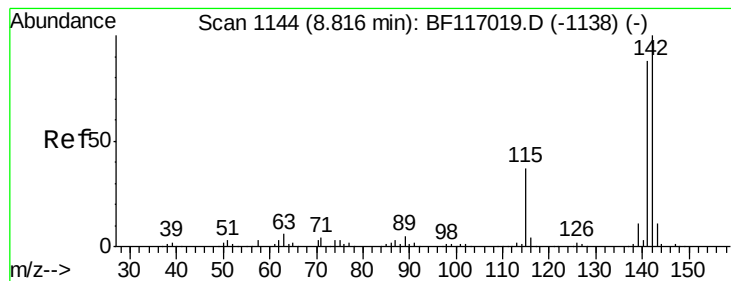
#36
 4-Chloro-3-methylphenol
 Concen: 41.288 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:107 Resp: 134419
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.2 28.8
 142 74.4 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.260 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

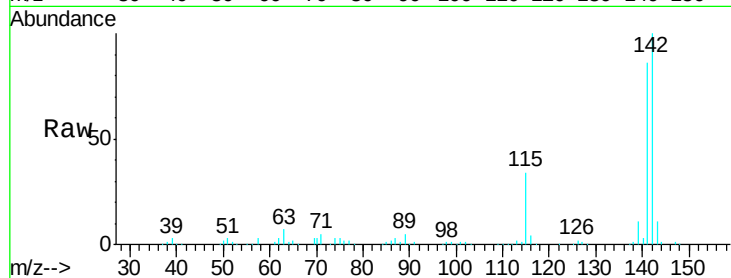
Tgt Ion:142 Resp: 284869

Ion Ratio Lower Upper

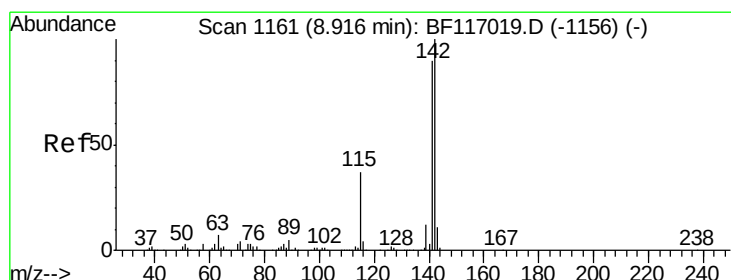
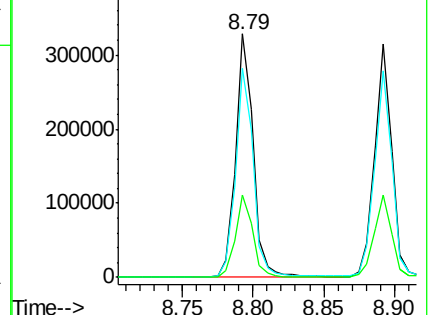
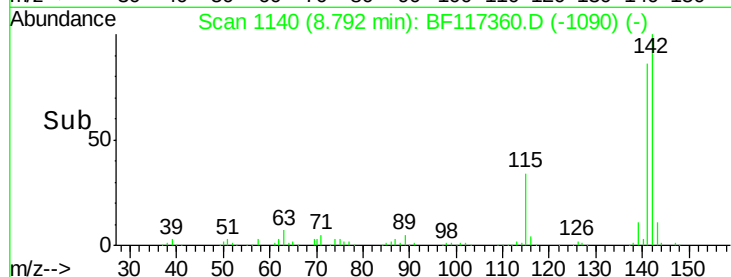
142 100

141 86.1 70.7 106.1

115 33.7 29.4 44.0



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



#38

1-Methylnaphthalene

Concen: 42.353 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

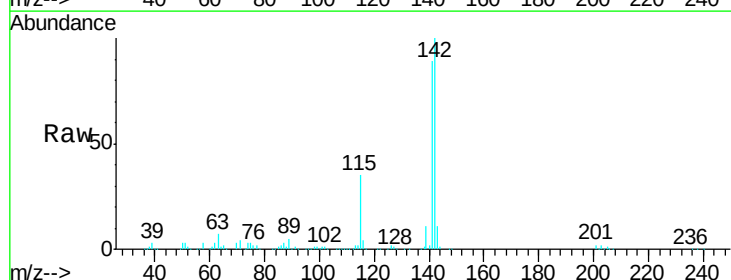
Tgt Ion:142 Resp: 267390

Ion Ratio Lower Upper

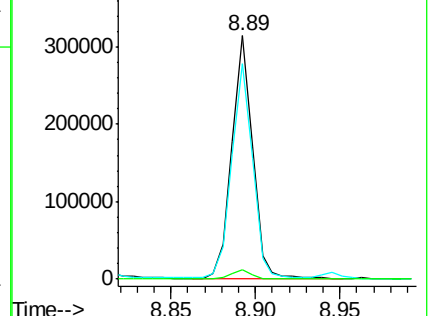
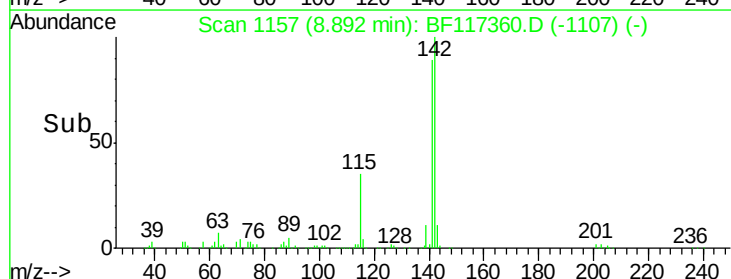
142 100

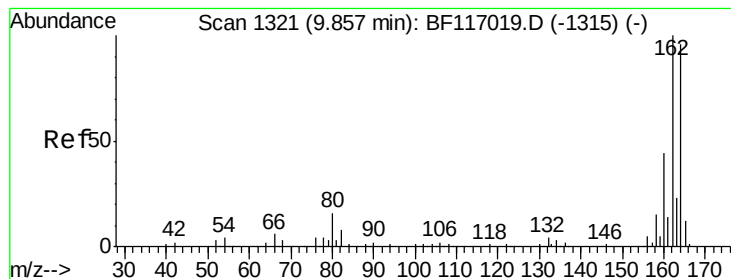
141 88.6 71.9 107.9

116 3.8 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

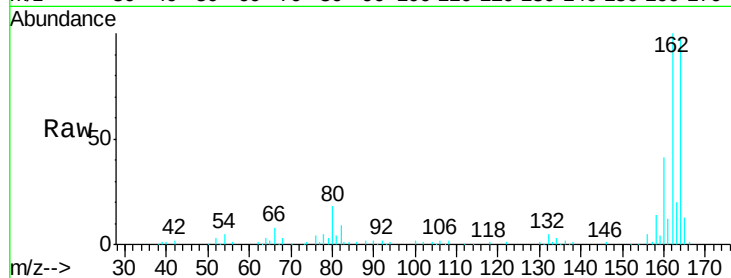
Tgt Ion:164 Resp: 105185

Ion Ratio Lower Upper

164 100

162 102.3 83.4 125.2

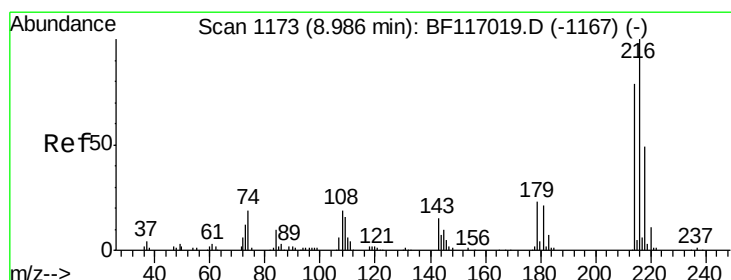
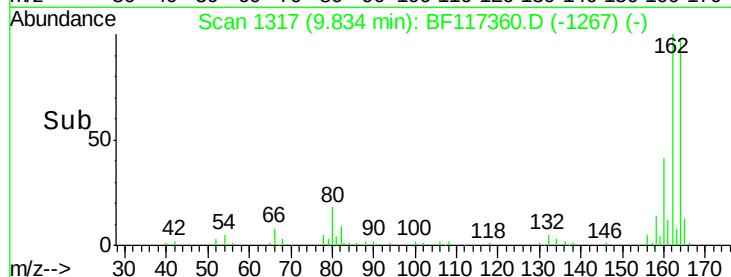
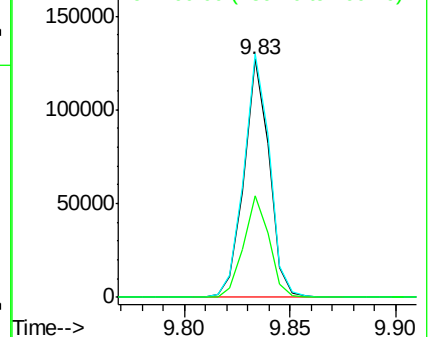
160 42.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.302 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Tgt Ion:216 Resp: 114899

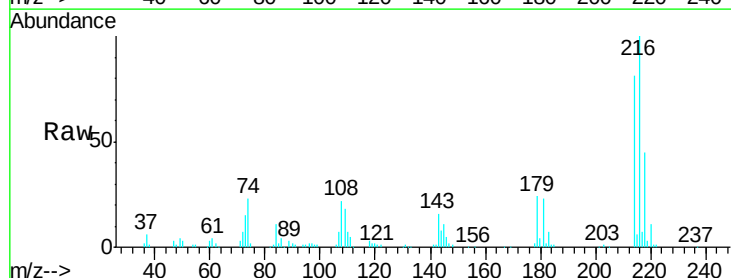
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 22.8 18.3 27.5

108 21.4 17.8 26.6

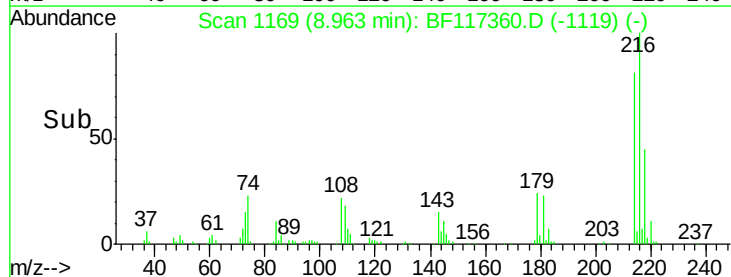
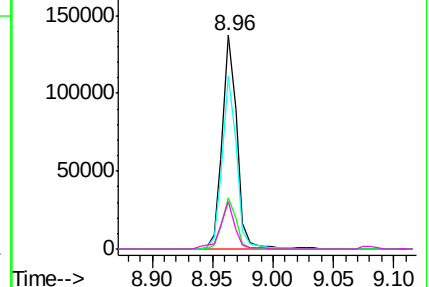


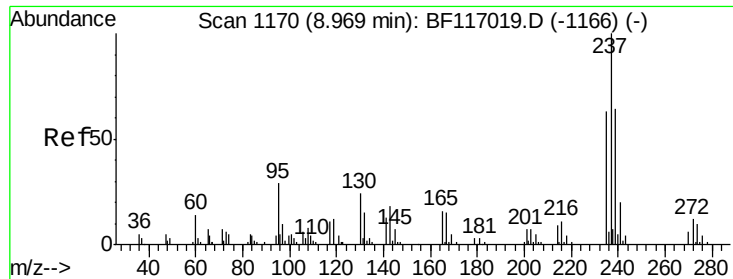
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.822 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

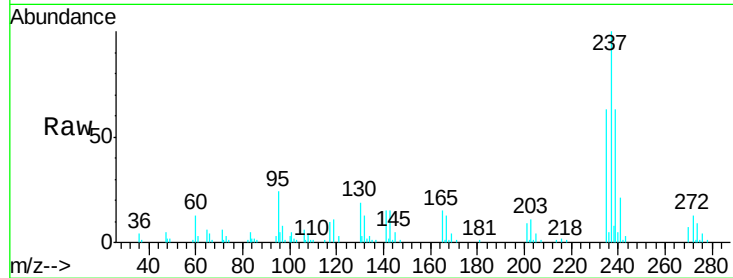
Tgt Ion: 237 Resp: 41234

Ion Ratio Lower Upper

237 100

235 62.7 43.2 83.2

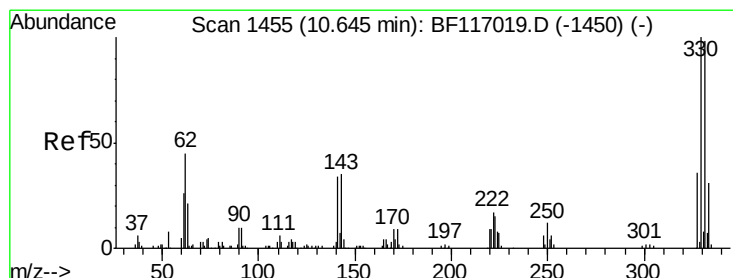
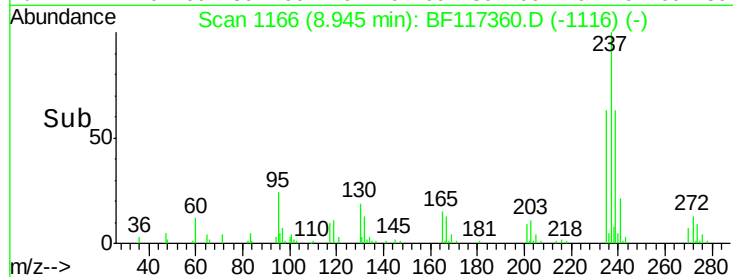
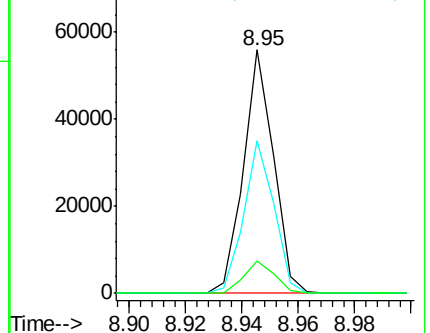
272 13.3 0.0 31.9



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: 83.345 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

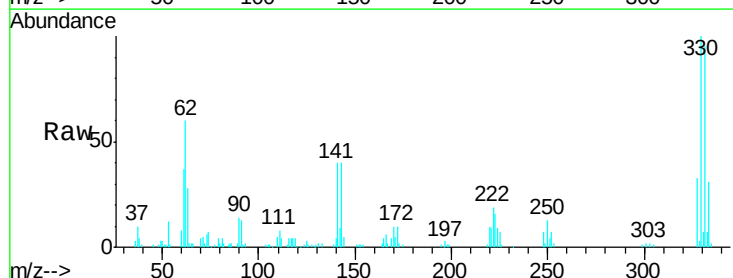
Tgt Ion: 330 Resp: 73269

Ion Ratio Lower Upper

330 100

332 94.1 78.0 117.0

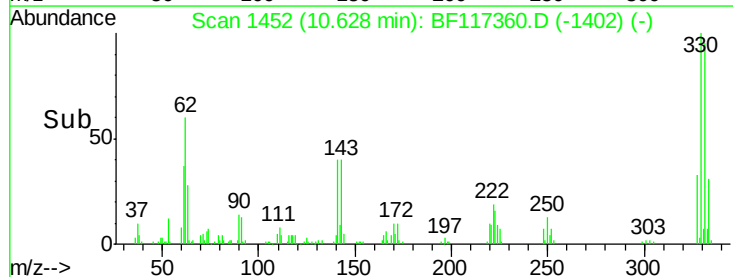
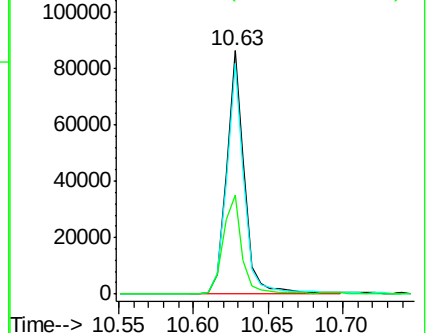
141 42.5 35.8 53.6

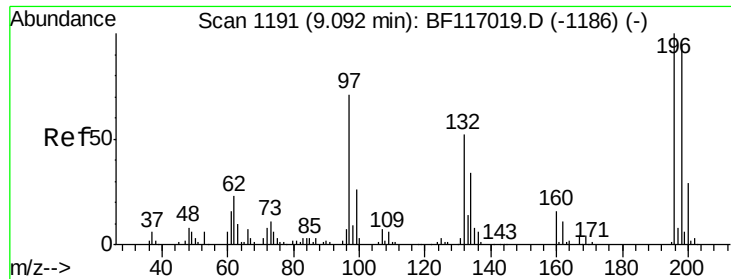


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

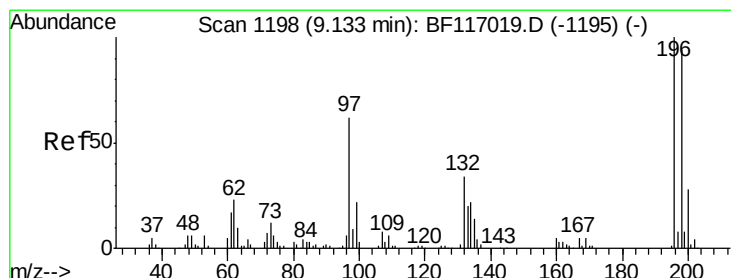
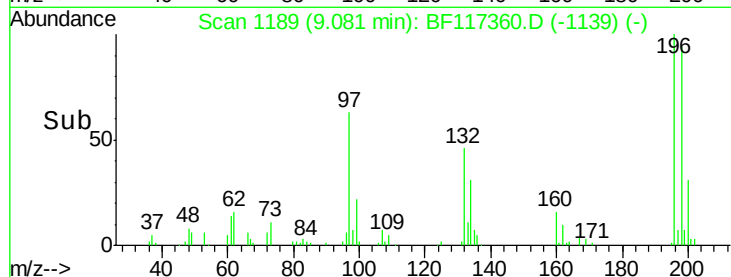
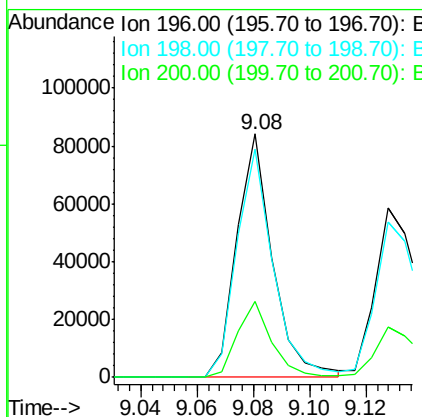
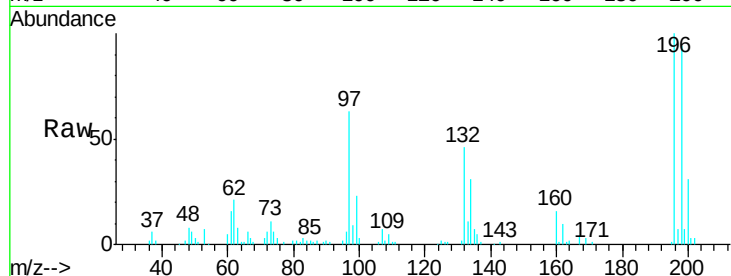




#43
 2,4,6-Trichlorophenol
 Concen: 40.314 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

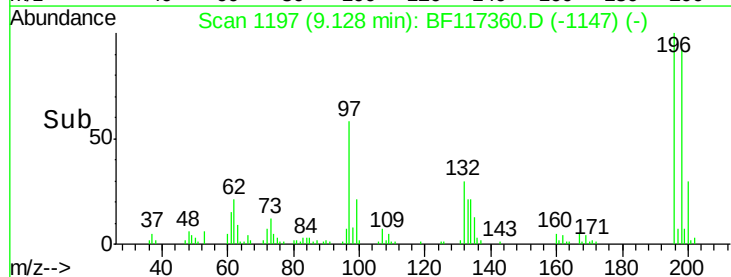
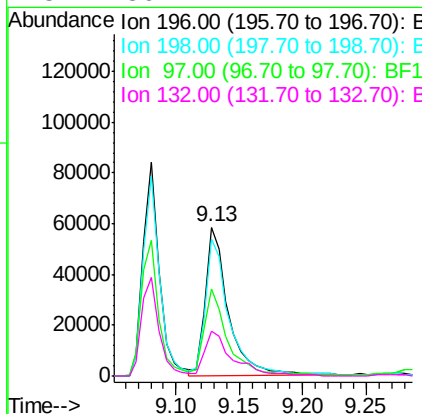
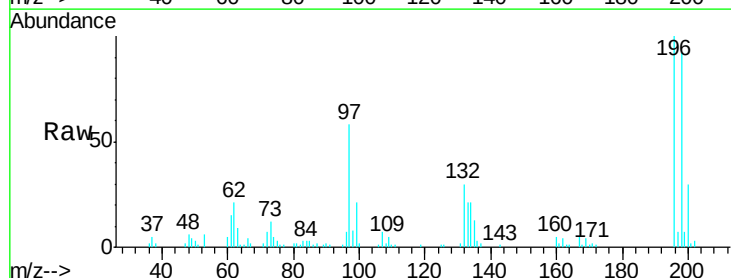
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

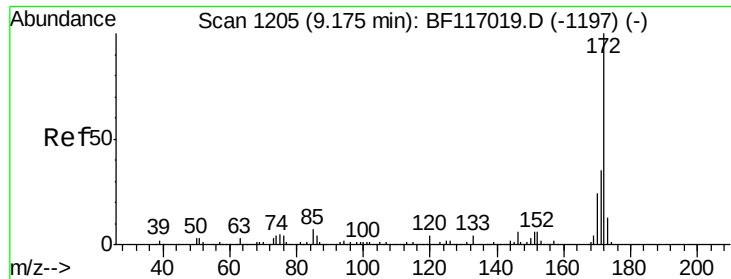
Tgt Ion:196 Resp: 74309
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 31.5 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 37.734 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:196 Resp: 74312
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.6 112.0
 97 58.2 49.5 74.3
 132 30.2 27.4 41.2

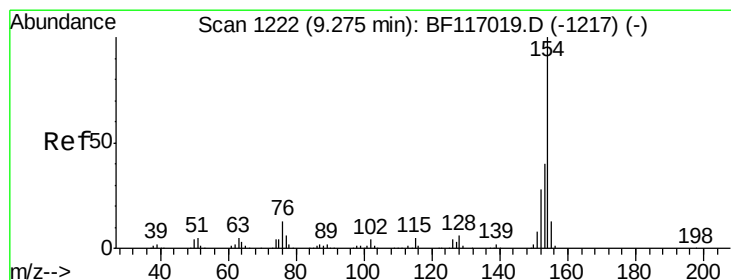
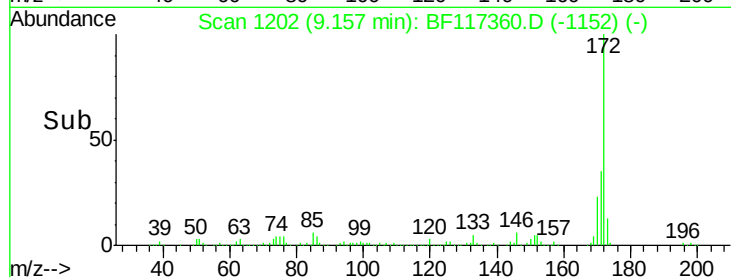
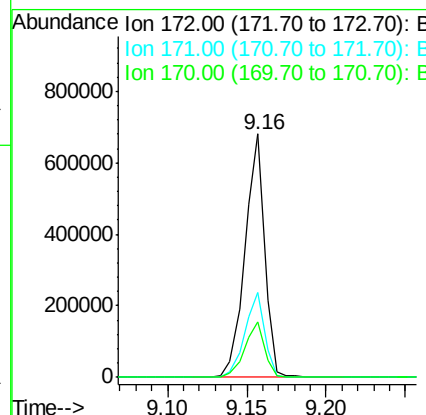
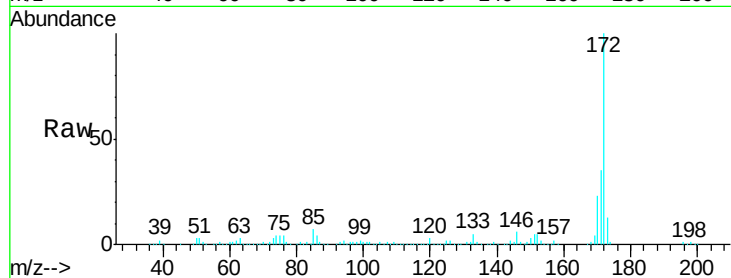




#45
 2-Fluorobiphenyl
 Concen: 86.892 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

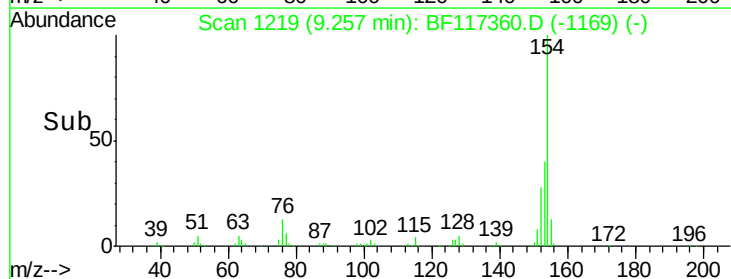
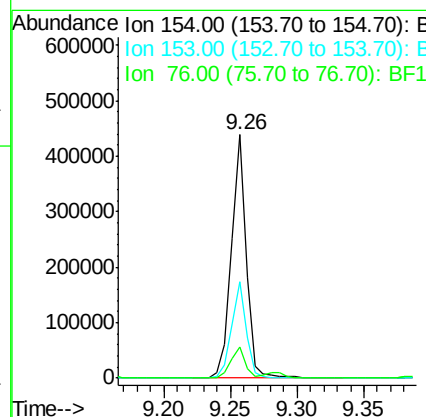
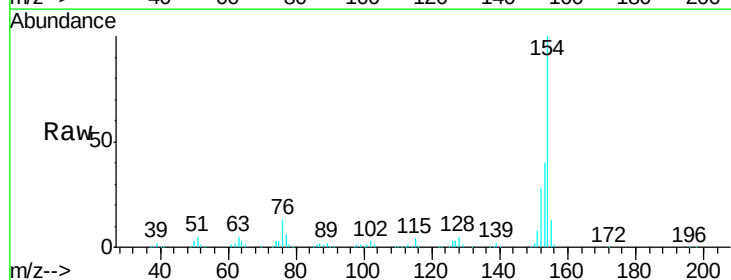
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

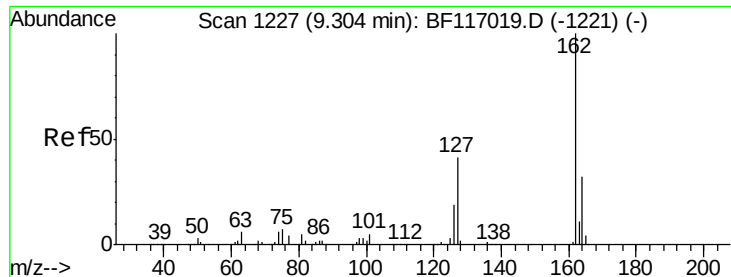
Tgt Ion:172 Resp: 584540
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.2 42.2
 170 22.8 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 42.268 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:154 Resp: 348740
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.0 60.0
 76 12.8 0.0 32.7

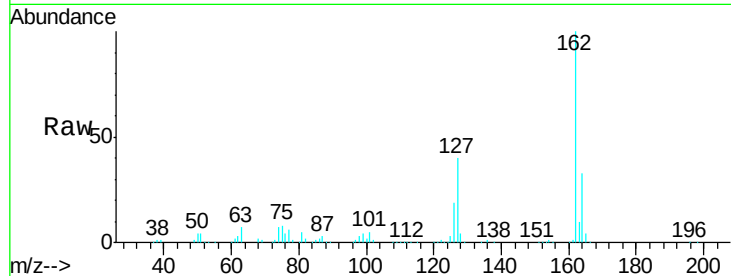




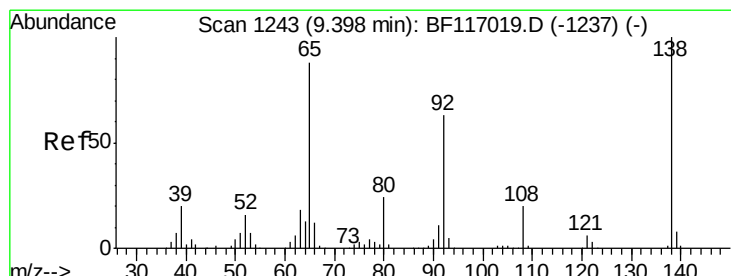
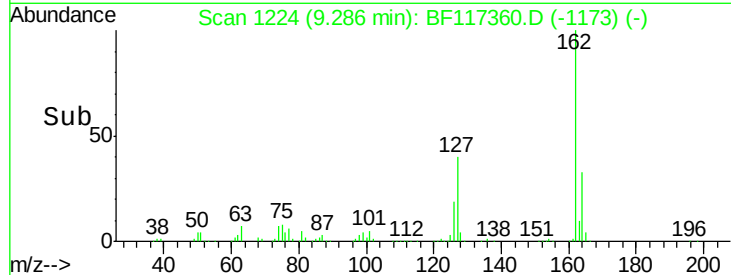
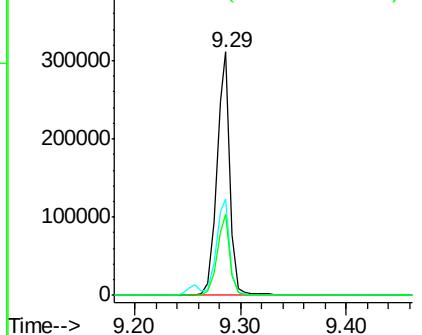
#47
 2-Chloronaphthalene
 Concen: 41.942 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	273109
Ion	Ratio	Lower	Upper
162	100		
127	39.6	34.1	51.1
164	33.2	25.9	38.9

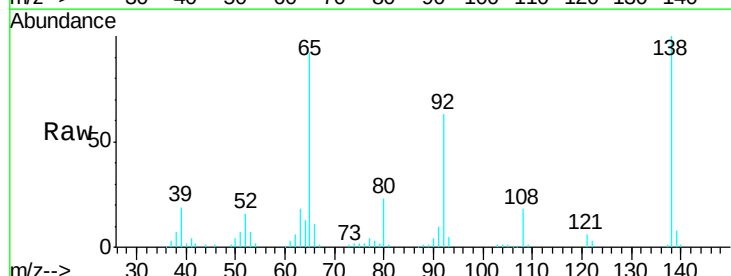


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

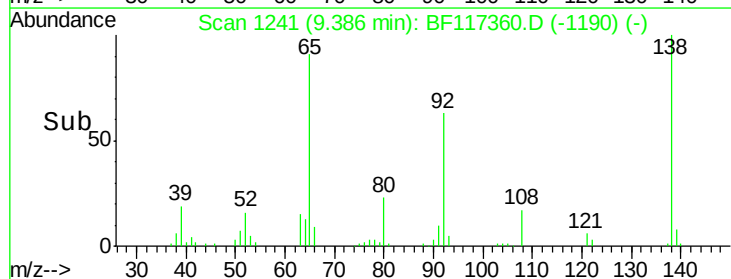
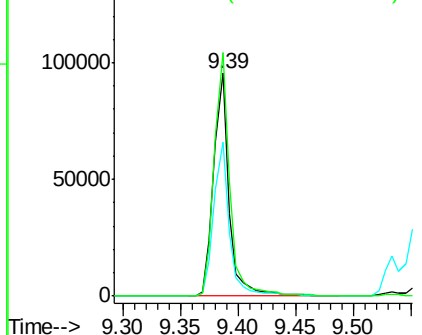


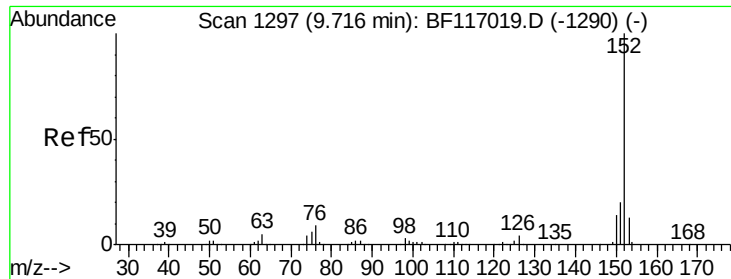
#48
 2-Nitroaniline
 Concen: 42.723 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:	65	Resp:	89230
Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.5	86.3
138	109.2	90.6	136.0



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





#49

Acenaphthylene

Concen: 41.542 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

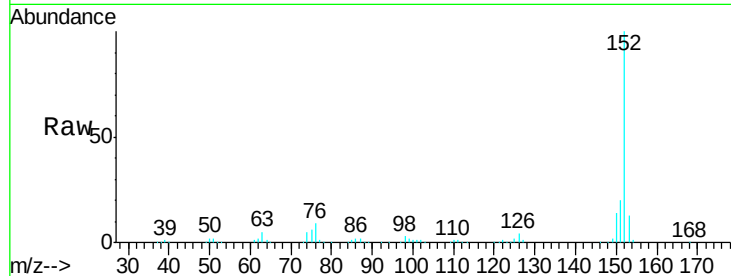
Tgt Ion:152 Resp: 405233

Ion Ratio Lower Upper

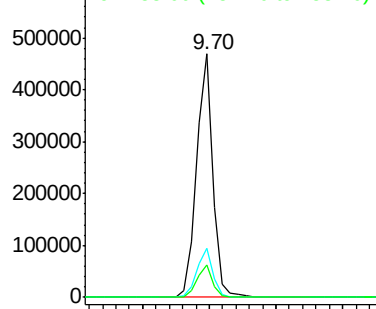
152 100

151 20.0 16.2 24.2

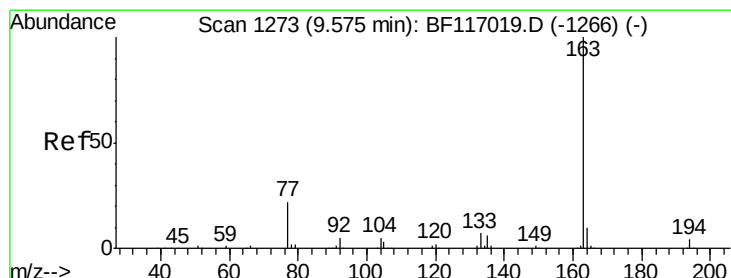
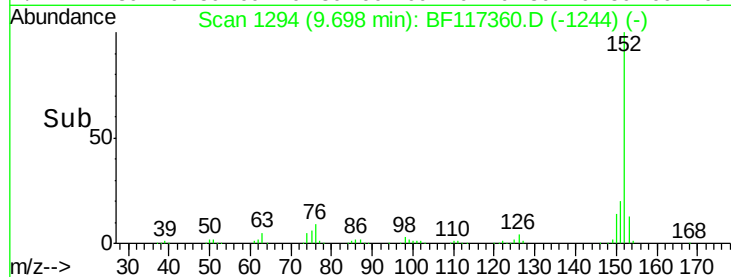
153 13.3 10.2 15.4



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



Time-->



#50

Dimethylphthalate

Concen: 41.694 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

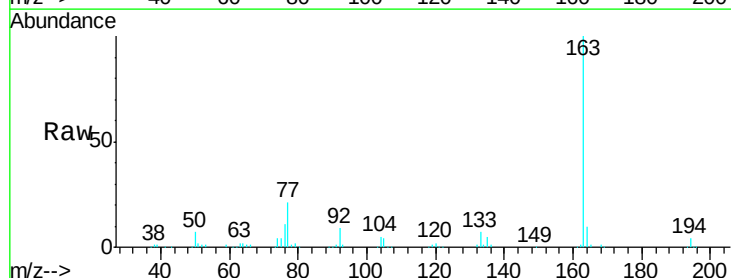
Tgt Ion:163 Resp: 310518

Ion Ratio Lower Upper

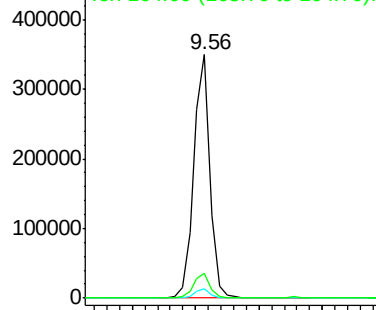
163 100

194 3.8 2.9 4.3

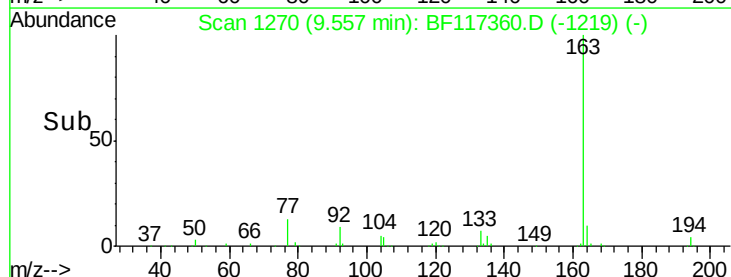
164 10.1 8.2 12.4

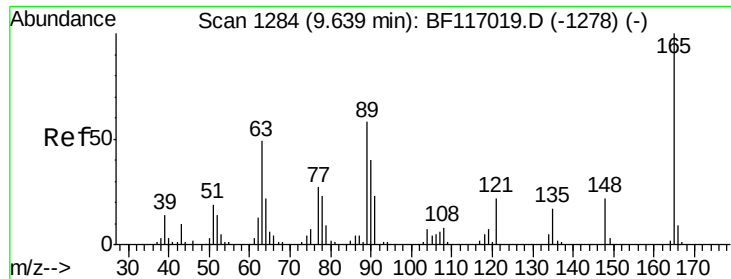


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

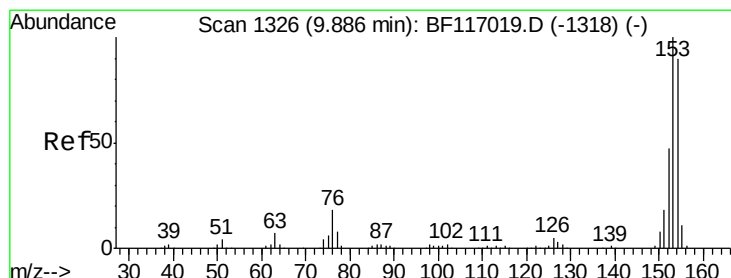
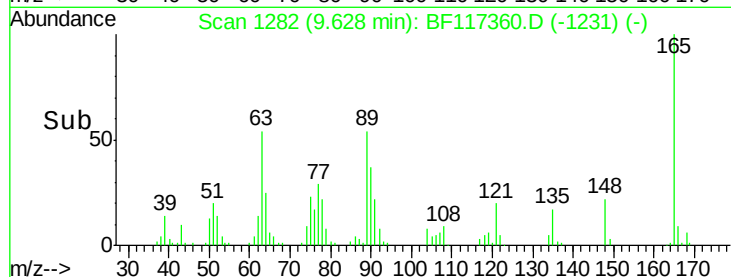
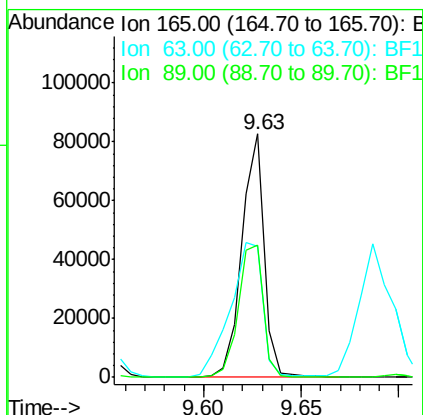
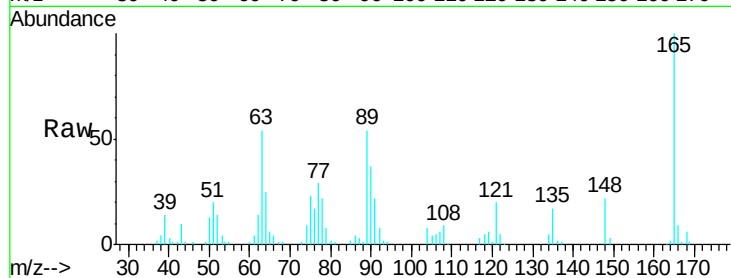




#51
 2,6-Dinitrotoluene
 Concen: 43.312 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

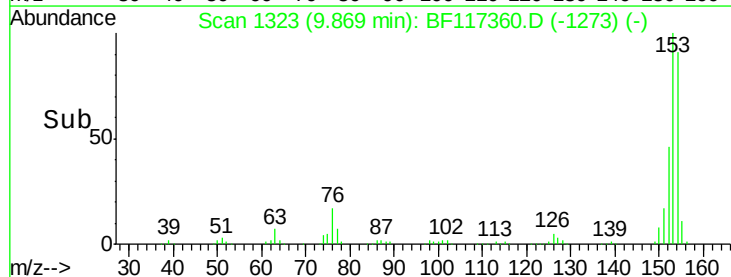
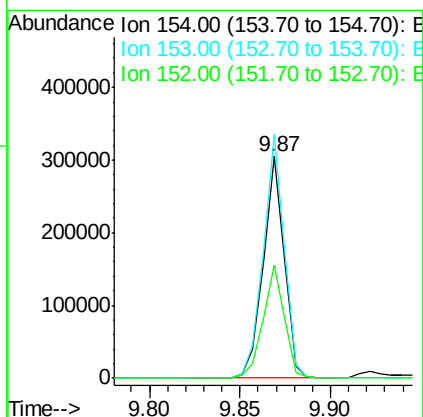
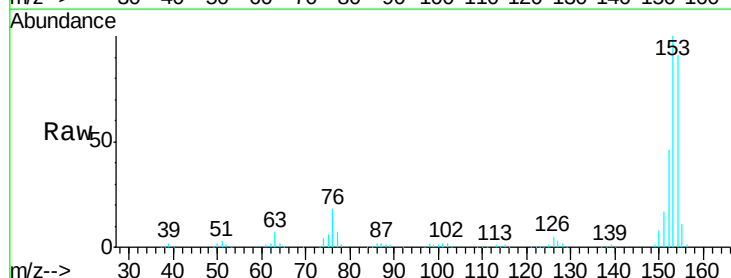
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

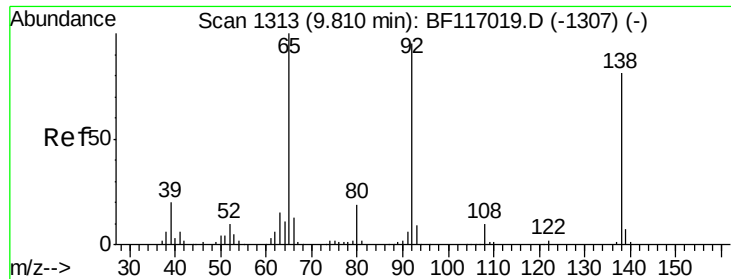
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.7	41.8	62.8
89	54.2	46.5	69.7



#52
 Acenaphthene
 Concen: 42.792 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	89.0	133.6
152	51.0	41.9	62.9

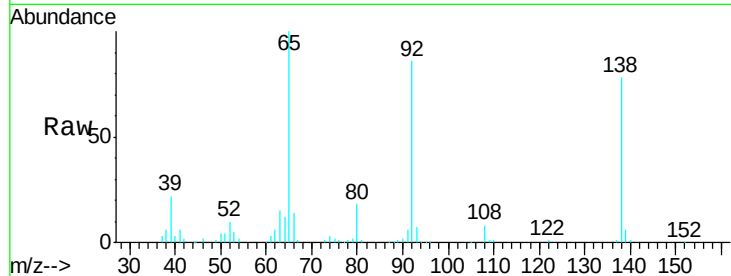




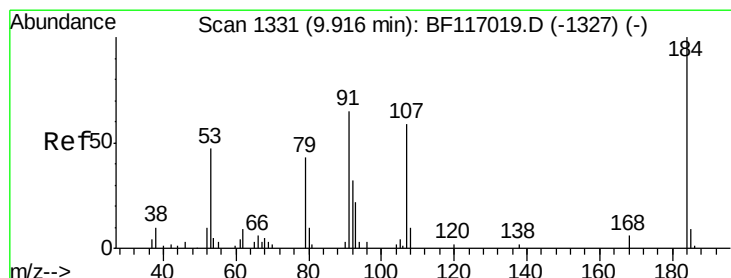
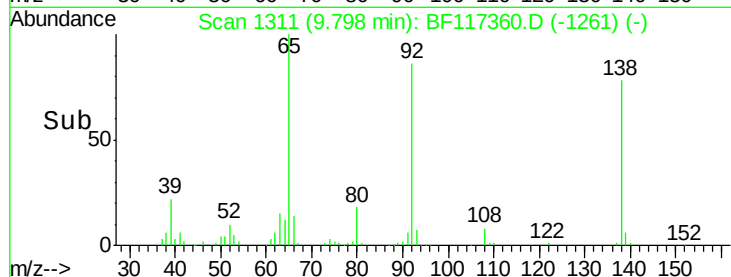
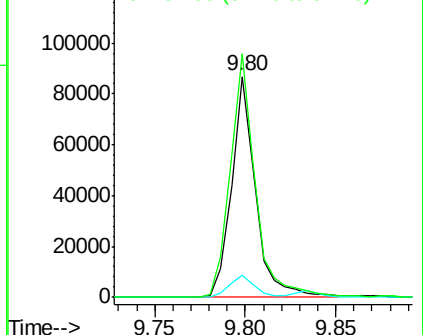
#53
 3-Nitroaniline
 Concen: 42.151 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 80669
 Ion Ratio Lower Upper
 138 100
 108 10.1 9.5 14.3
 92 110.3 94.1 141.1

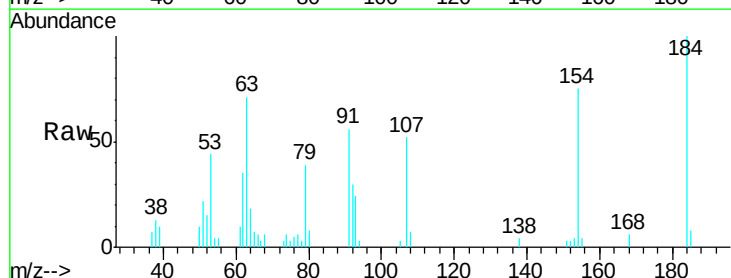


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

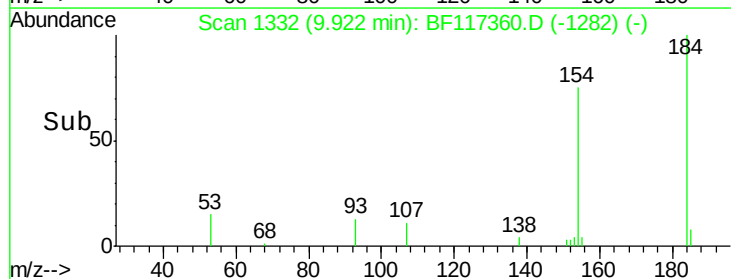
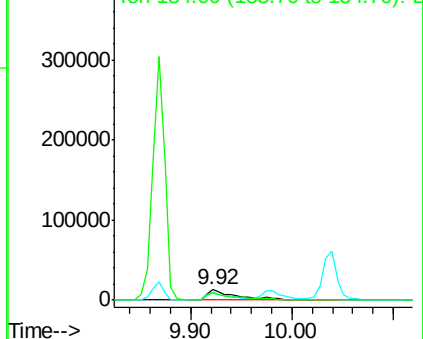


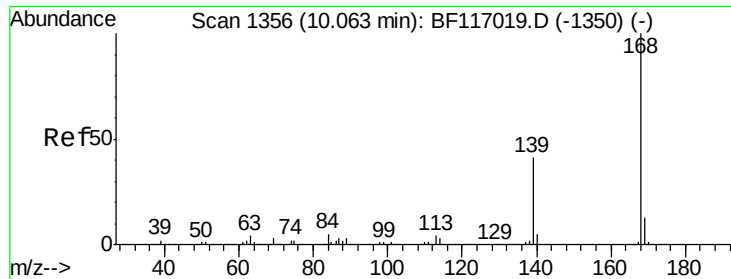
#54
 2,4-Dinitrophenol
 Concen: 45.072 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:184 Resp: 26560
 Ion Ratio Lower Upper
 184 100
 63 71.5 63.8 95.6
 154 74.7 60.4 90.6



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

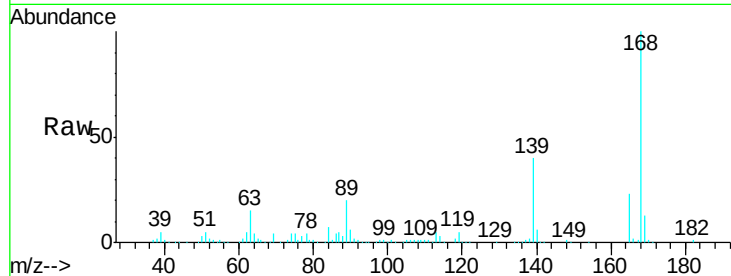




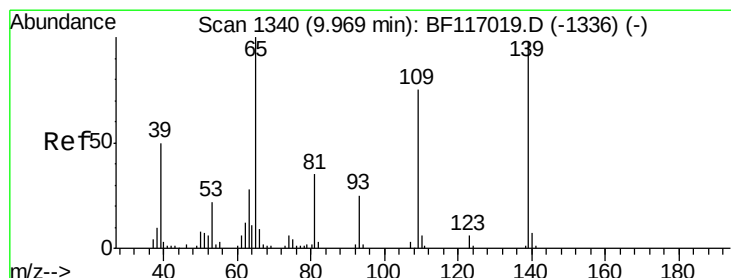
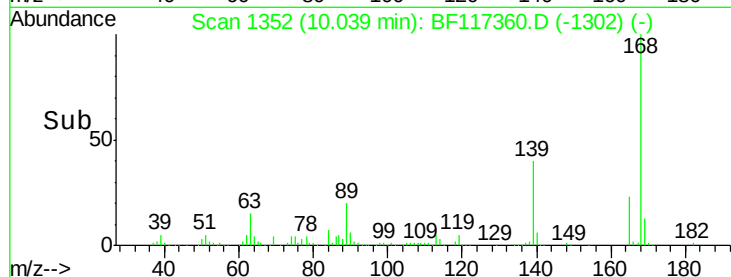
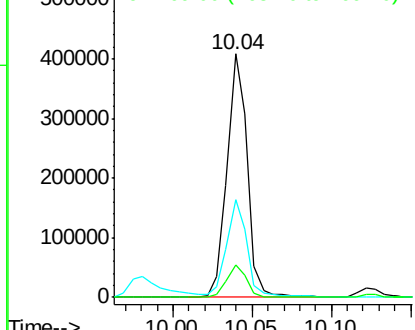
#55
Dibenzenofuran
Concen: 42.342 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 361245
Ion Ratio Lower Upper
168 100
139 40.2 32.8 49.2
169 13.4 10.5 15.7

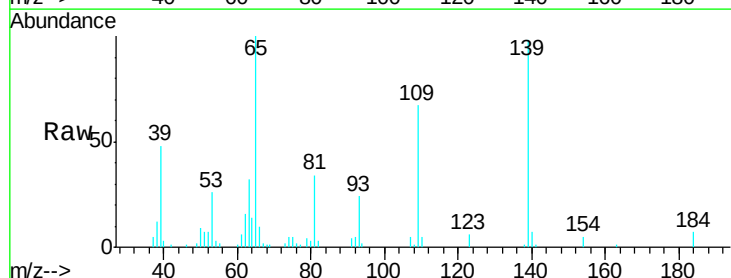


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

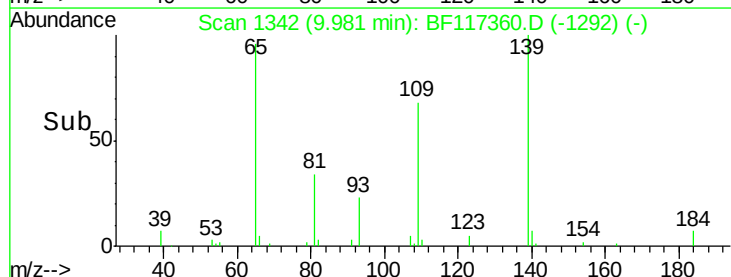
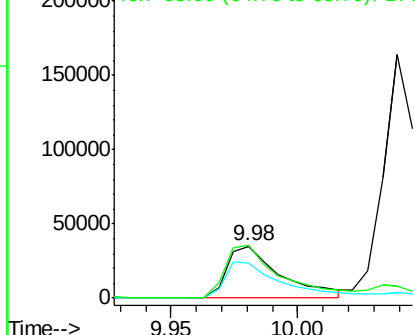


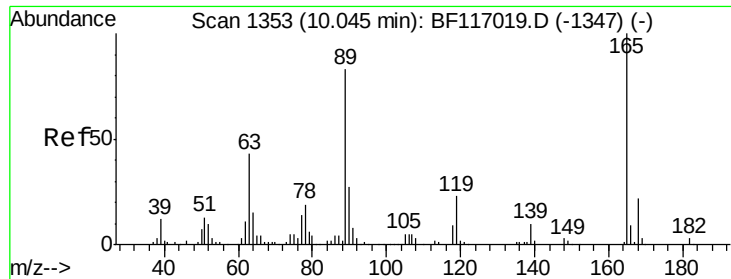
#56
4-Nitrophenol
Concen: 41.495 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:139 Resp: 51468
Ion Ratio Lower Upper
139 100
109 68.1 56.4 96.4
65 102.3 82.5 122.5



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: 45.139 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

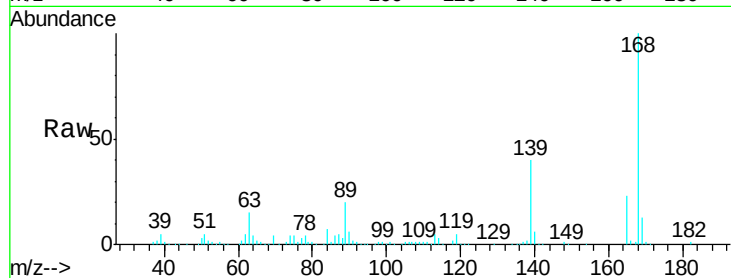
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	88877
Ion	Ratio	Lower	Upper
165	100		
63	64.0	35.0	52.4#
89	86.9	66.1	99.1
182	2.5	2.0	3.0

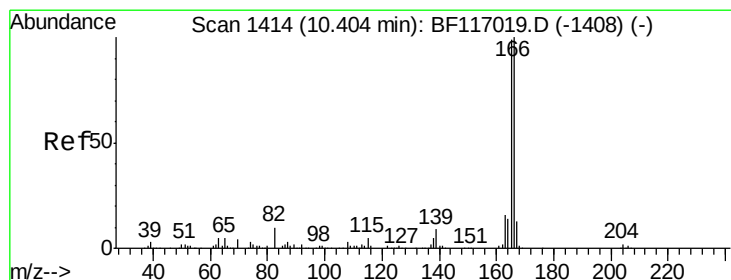
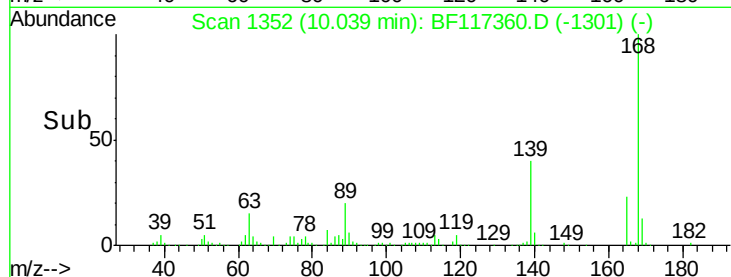
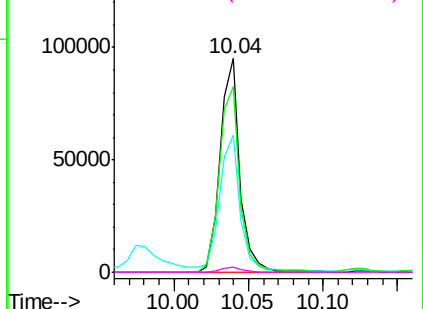


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.377 ng

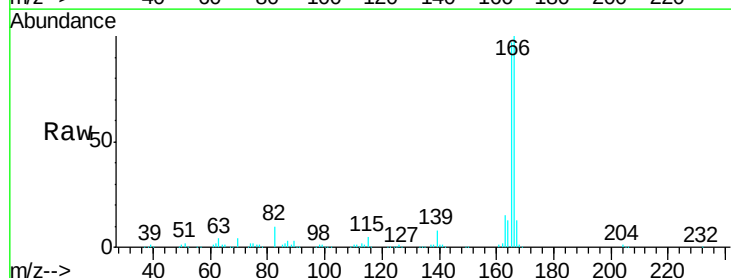
RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

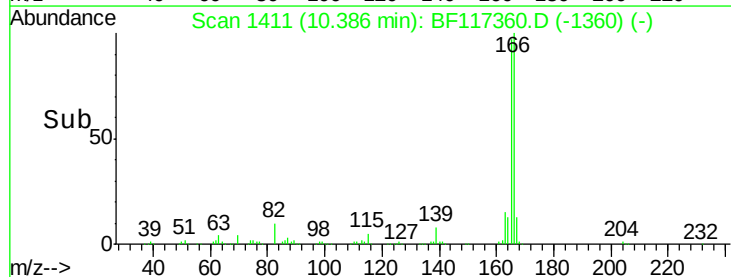
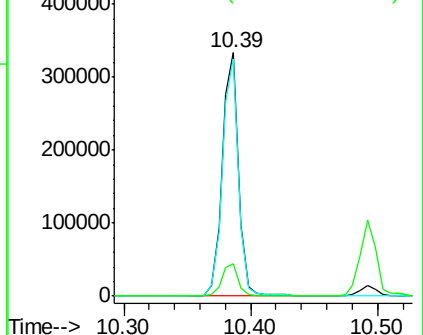
Tgt Ion:	166	Resp:	298105
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.9	118.3
167	13.3	10.6	15.8

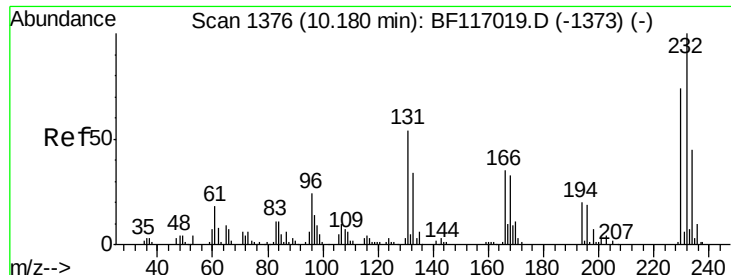


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

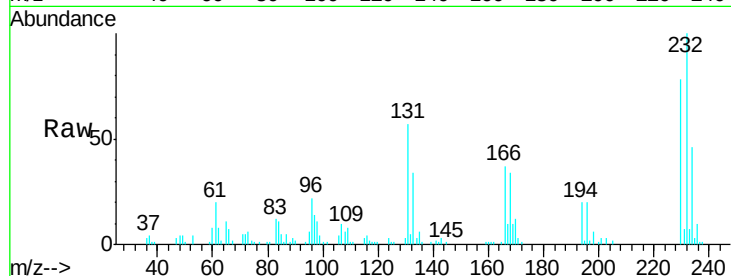




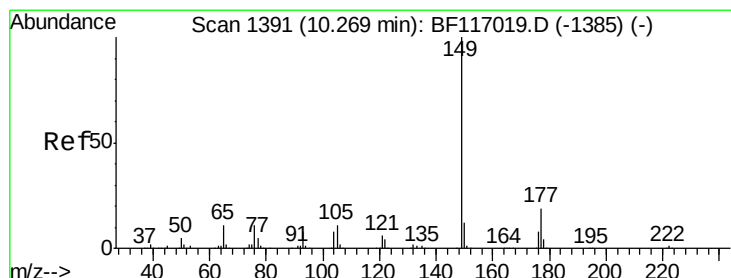
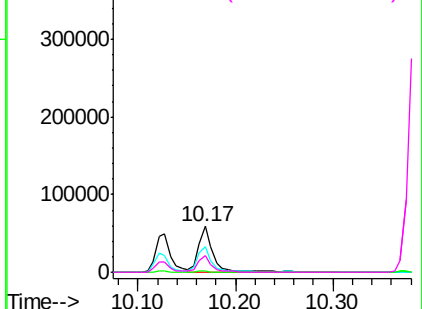
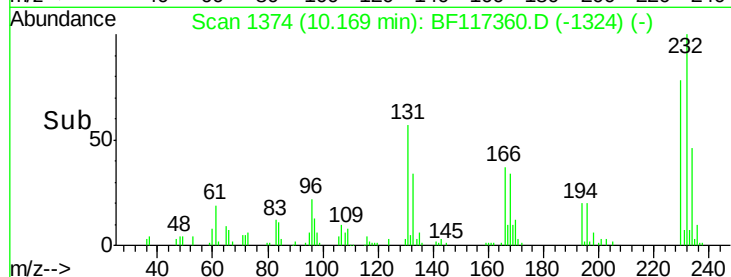
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.247 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	232	Resp:	60655
Ion	Ratio	Lower	Upper
232	100		
131	54.5	45.3	67.9
130	2.3	1.8	2.8
166	35.9	29.4	44.2

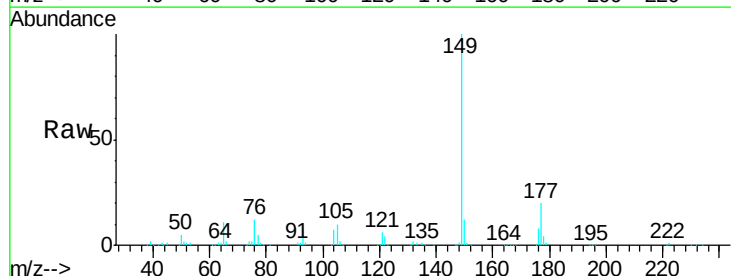


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

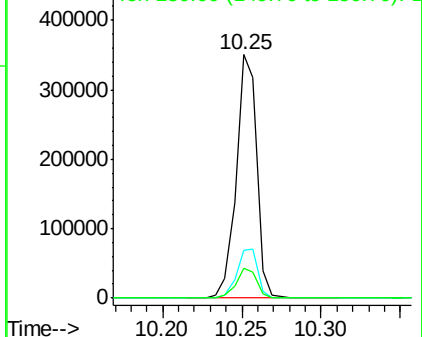
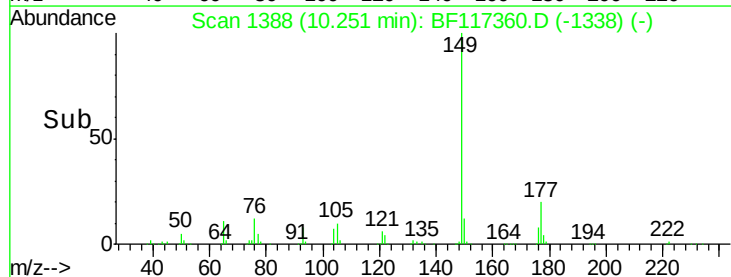


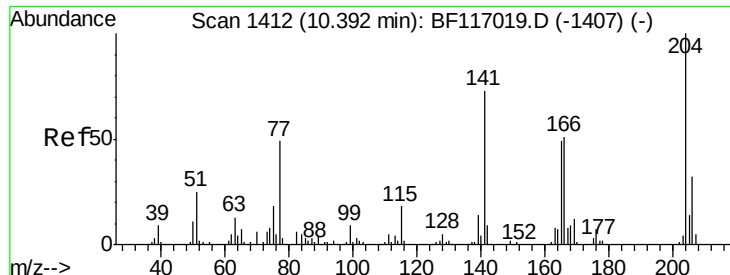
#60
Diethylphthalate
Concen: 42.673 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:	149	Resp:	312669
Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.2	22.8
150	12.4	9.9	14.9



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

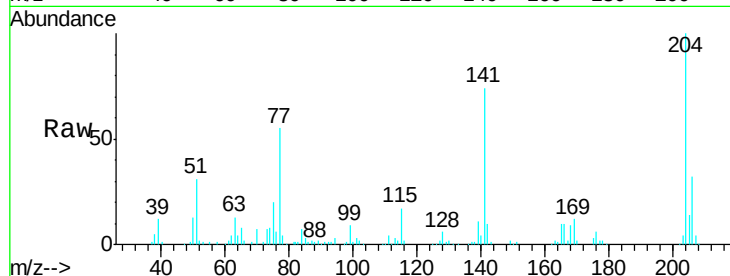




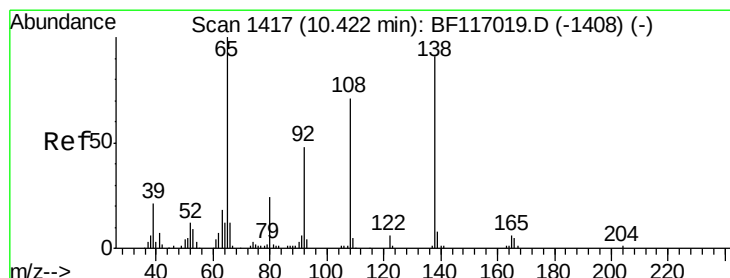
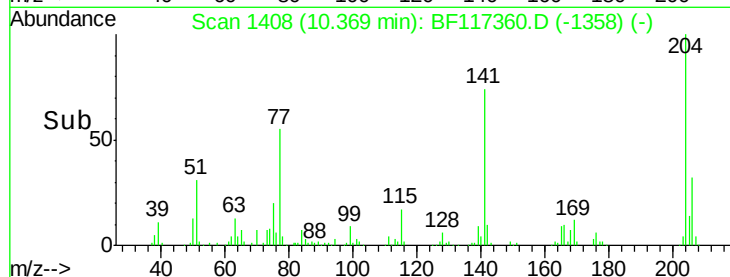
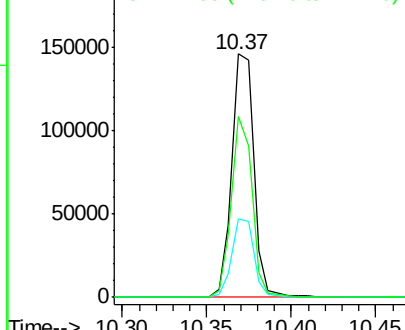
#61
4-Chlorophenyl-phenylether
Concen: 44.465 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 132216
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 74.4 58.2 87.2

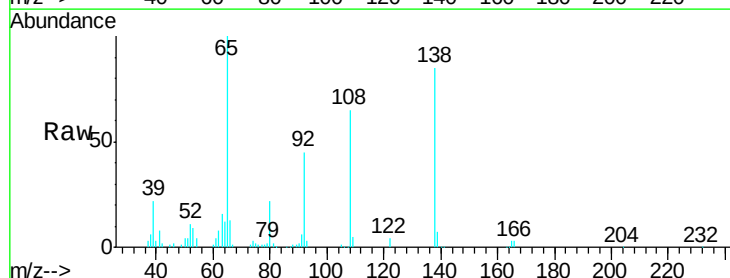


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

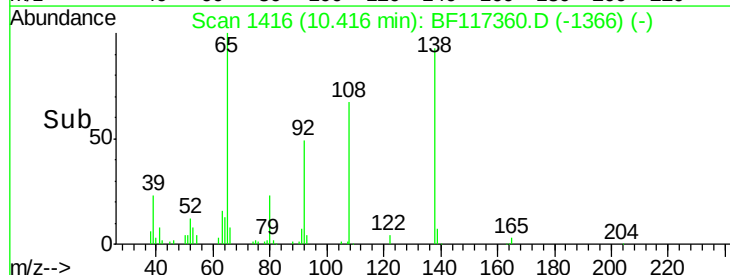
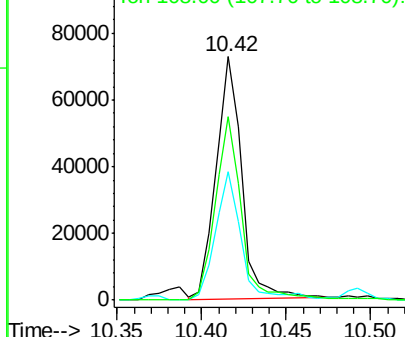


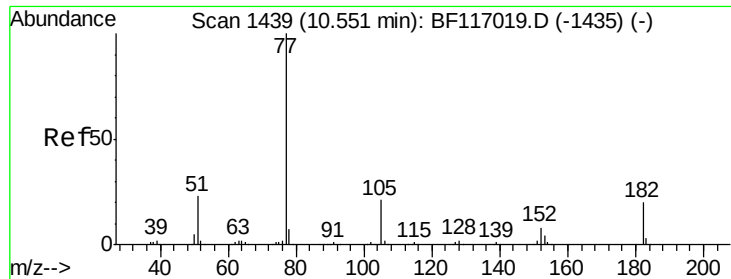
#62
4-Nitroaniline
Concen: 38.693 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:138 Resp: 77010
Ion Ratio Lower Upper
138 100
92 52.9 32.9 72.9
108 75.5 58.3 98.3



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





#63

Azobenzene

Concen: 42.256 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 316223

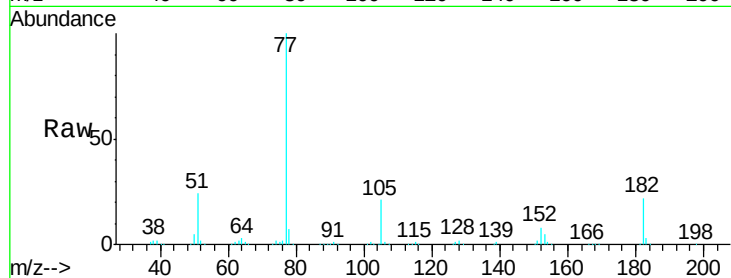
Ion Ratio Lower Upper

77 100

182 21.6 0.4 40.4

105 21.3 0.9 40.9

51 24.0 2.8 42.8

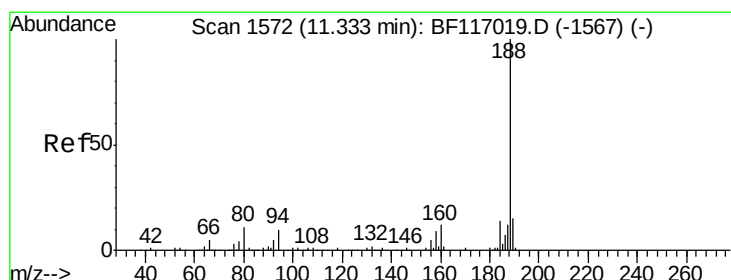
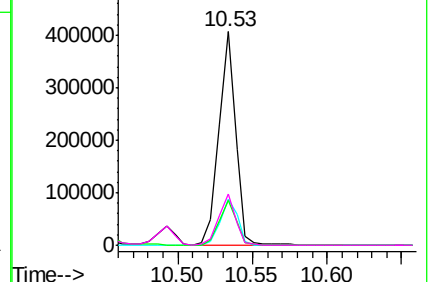
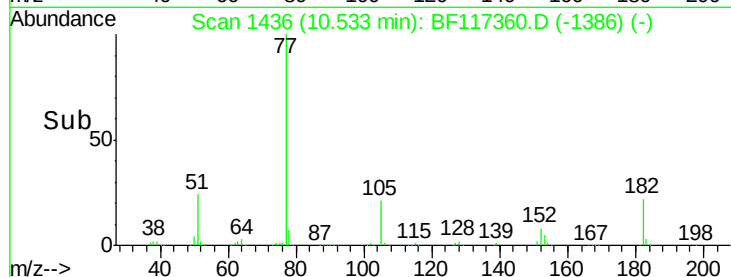


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

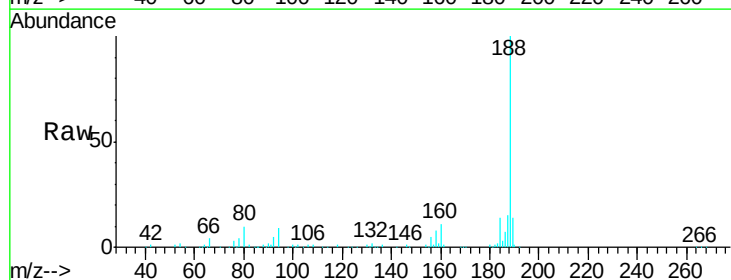
Tgt Ion: 188 Resp: 174913

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

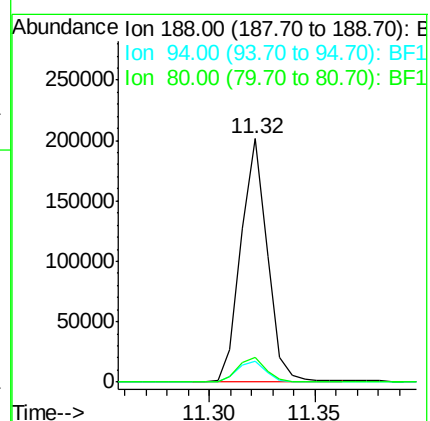
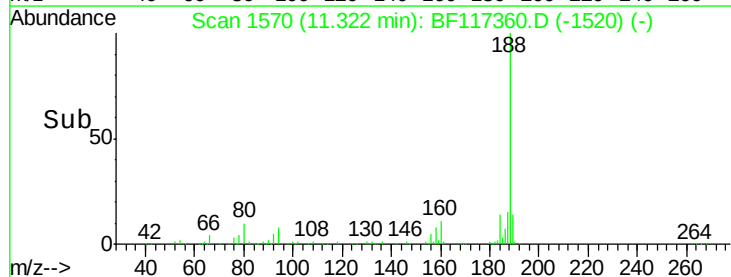
80 10.3 9.0 13.6

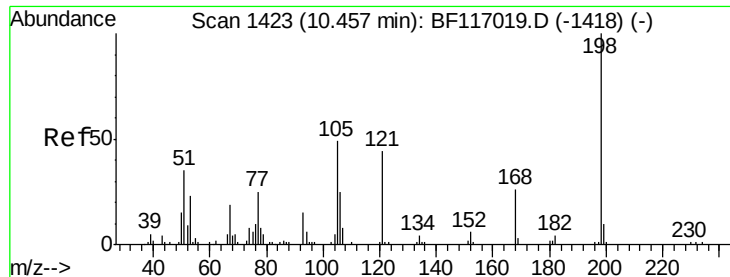


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 45.218 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

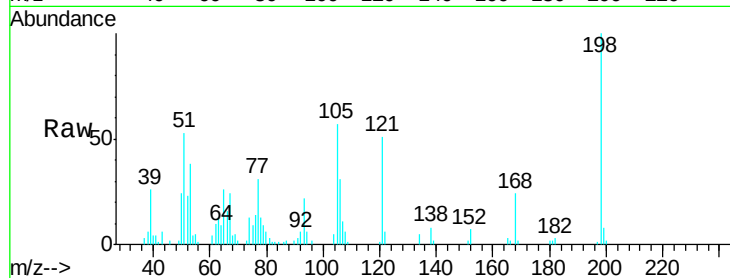
Tgt Ion:198 Resp: 35666

Ion Ratio Lower Upper

198 100

51 53.4 18.7 58.7

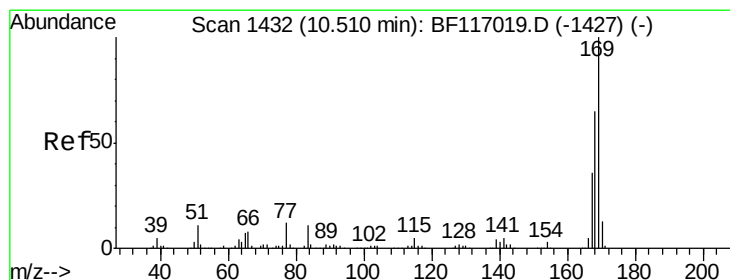
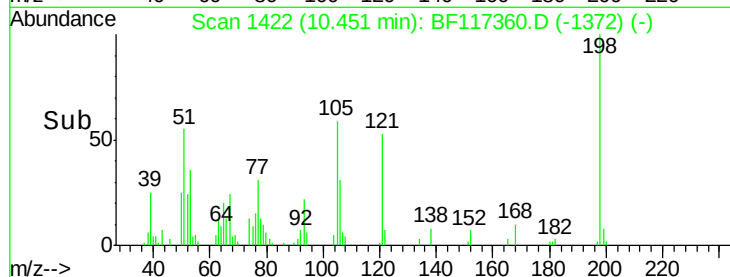
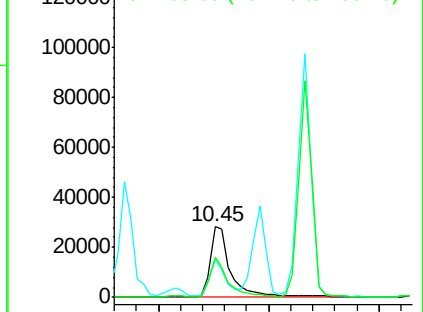
105 56.7 30.2 70.2



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: 42.326 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

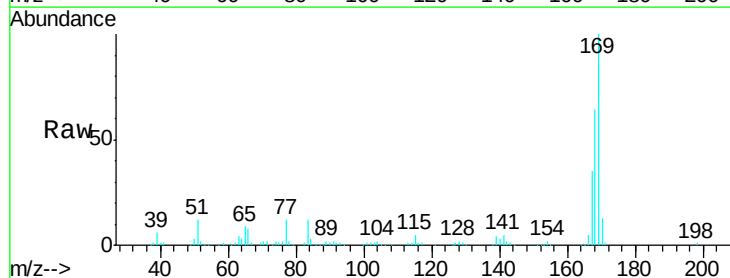
Tgt Ion:169 Resp: 255683

Ion Ratio Lower Upper

169 100

168 63.9 52.2 78.2

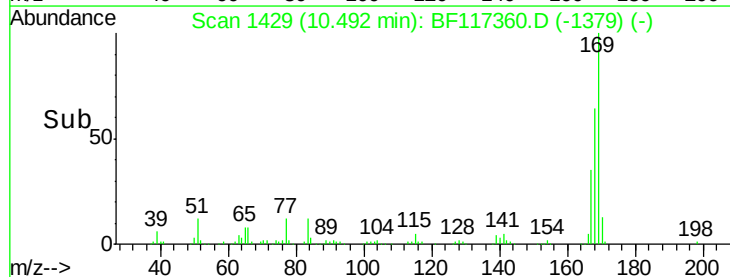
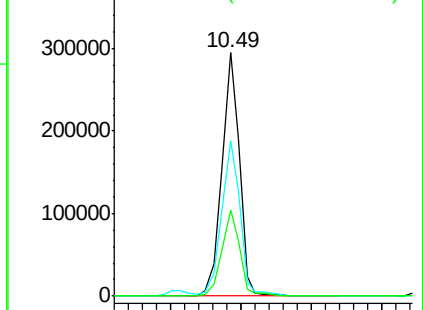
167 35.5 28.8 43.2

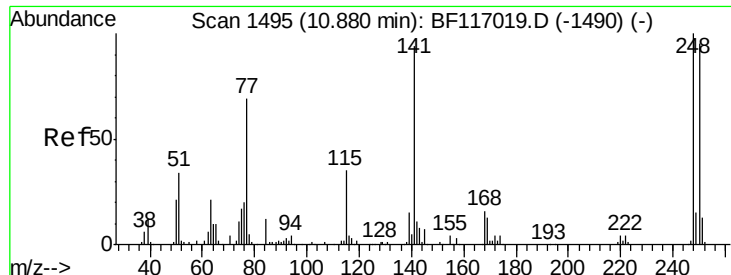


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

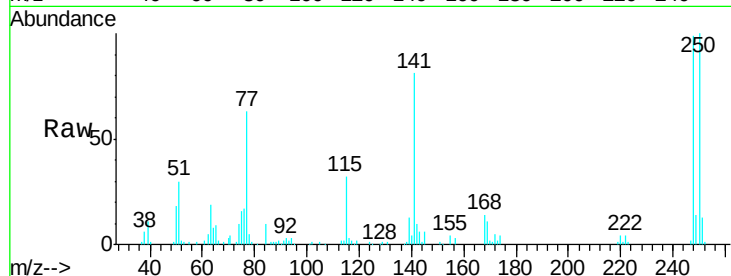




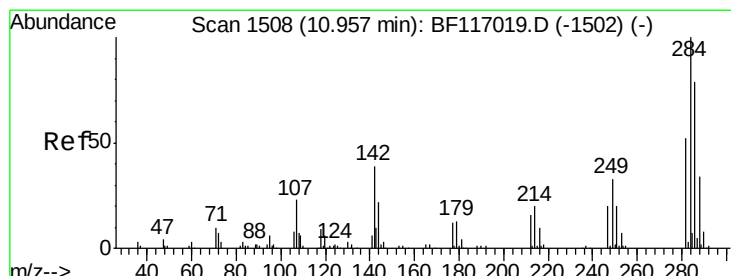
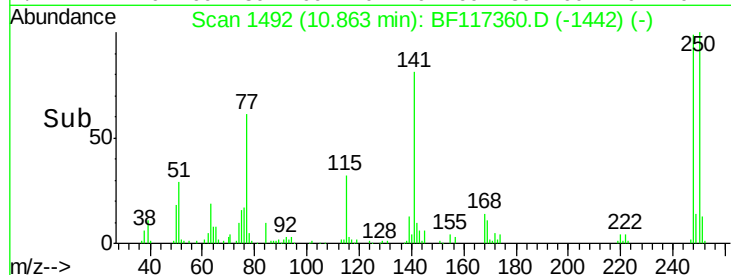
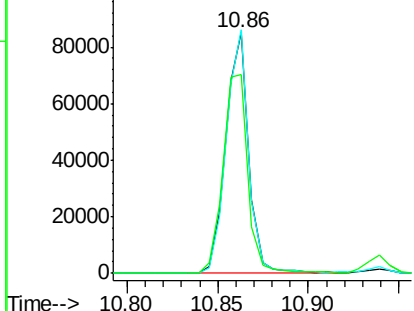
#67
 4-Bromophenyl-phenylether
 Concen: 41.921 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 74883
 Ion Ratio Lower Upper
 248 100
 250 101.1 76.2 114.4
 141 82.3 75.0 112.4

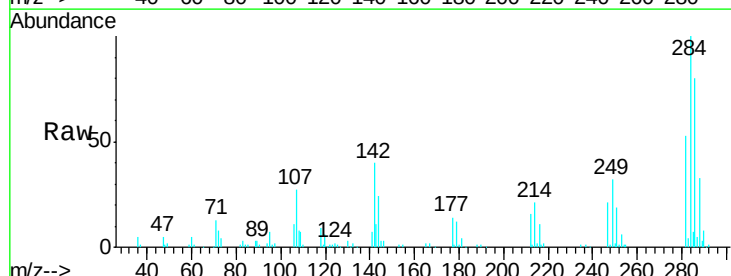


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

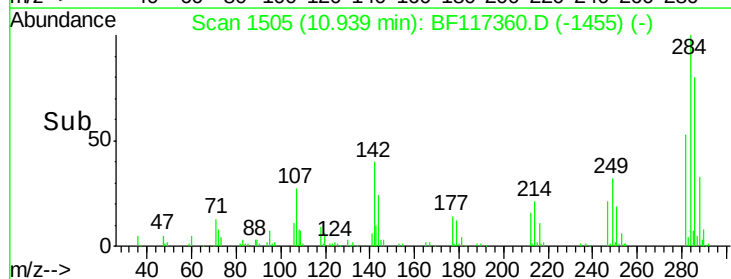
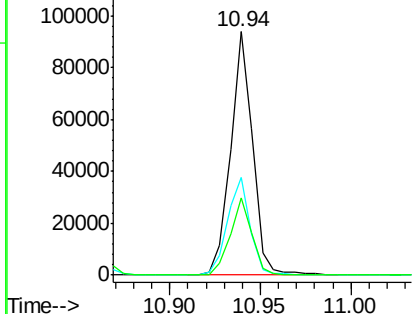


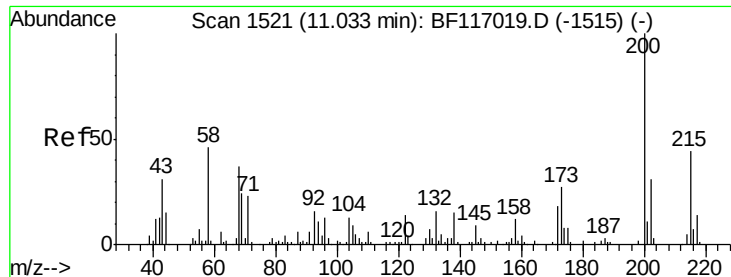
#68
 Hexachlorobenzene
 Concen: 40.741 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:284 Resp: 79599
 Ion Ratio Lower Upper
 284 100
 142 40.2 31.4 47.2
 249 31.6 26.5 39.7



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

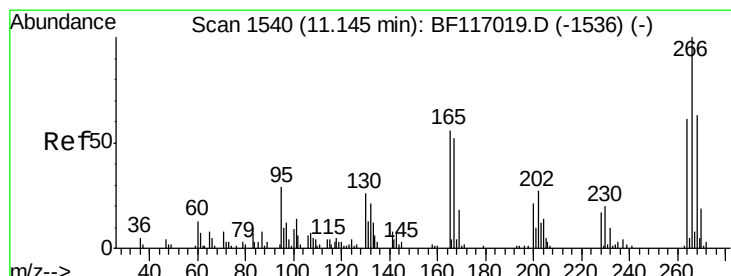
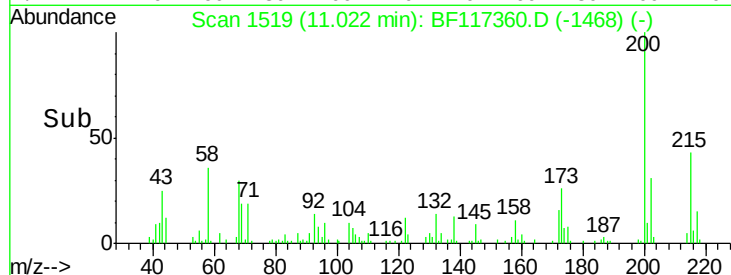
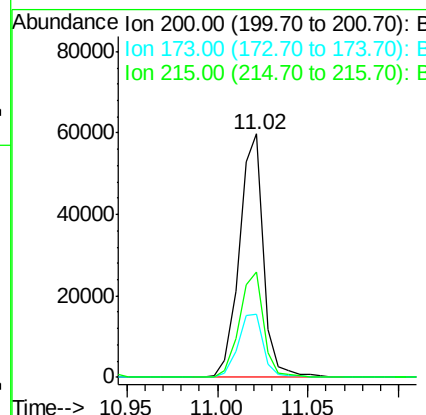
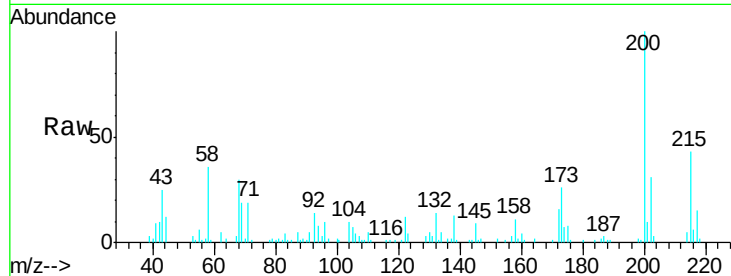




#69
 Atrazine
 Concen: 34.397 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

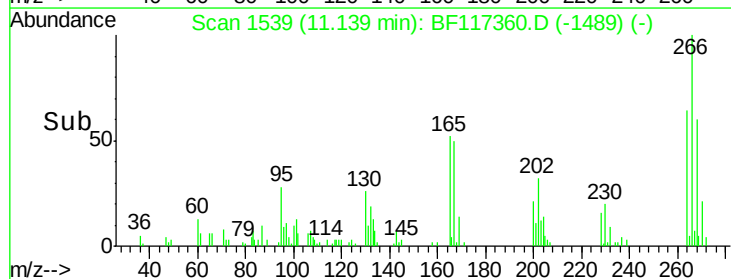
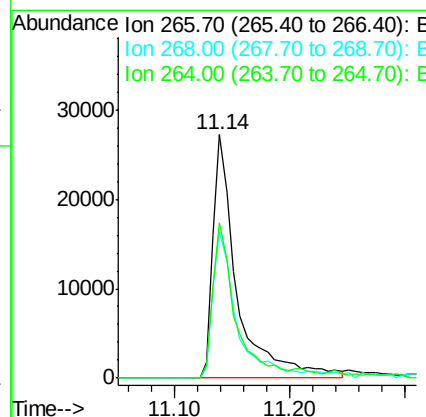
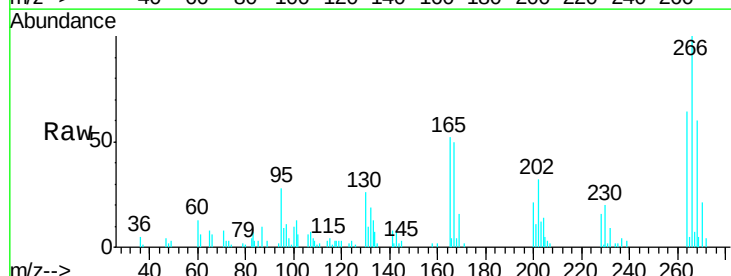
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

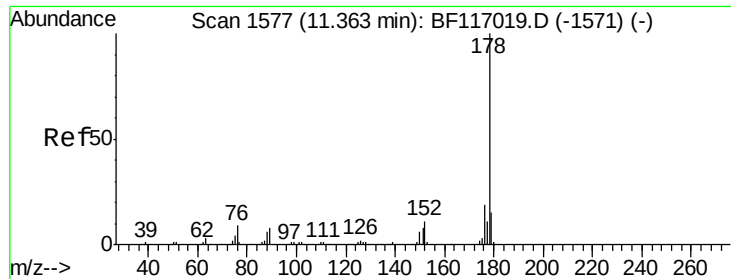
Tgt Ion:200 Resp: 55114
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.9 46.9
 215 43.3 23.8 63.8



#70
 Pentachlorophenol
 Concen: 43.666 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:266 Resp: 39990
 Ion Ratio Lower Upper
 266 100
 268 60.1 50.5 75.7
 264 63.9 48.8 73.2





#71

Phenanthrene

Concen: 41.731 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

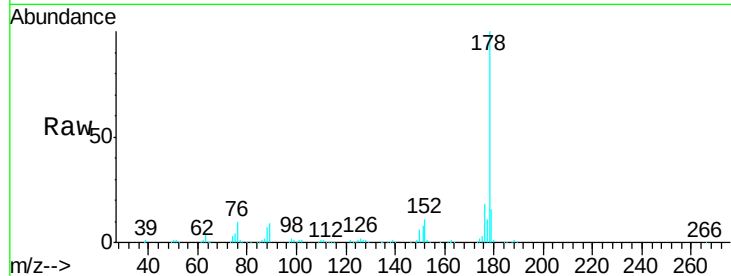
Tgt Ion:178 Resp: 414595

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

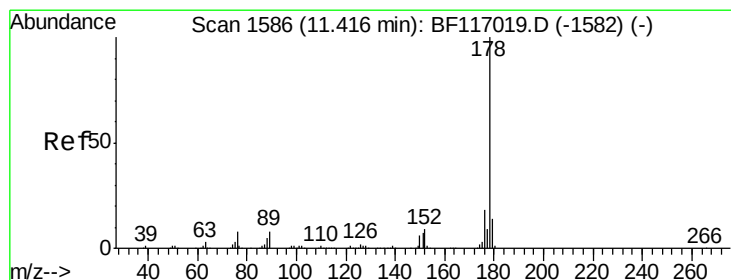
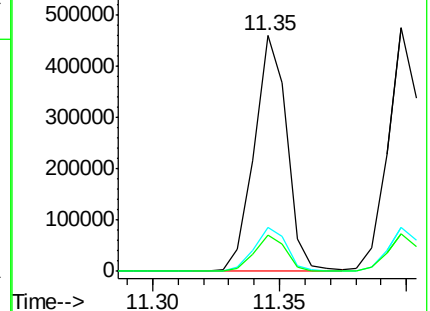
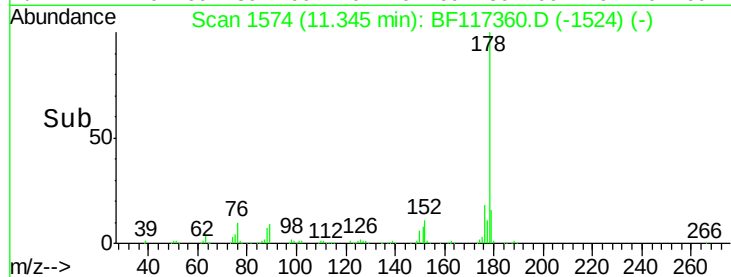
179 15.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.138 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

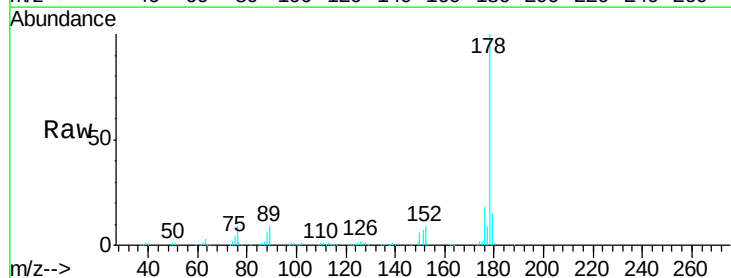
Tgt Ion:178 Resp: 427404

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

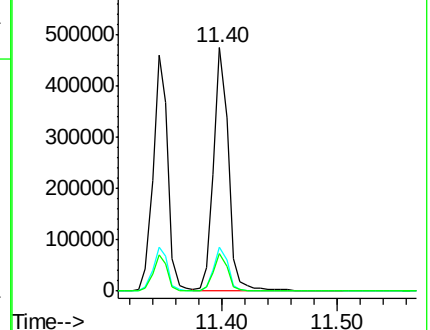
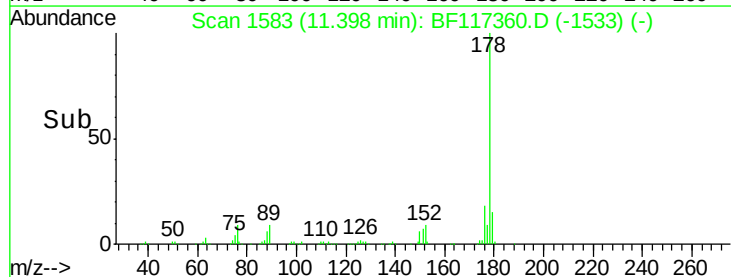
179 15.5 11.6 17.4

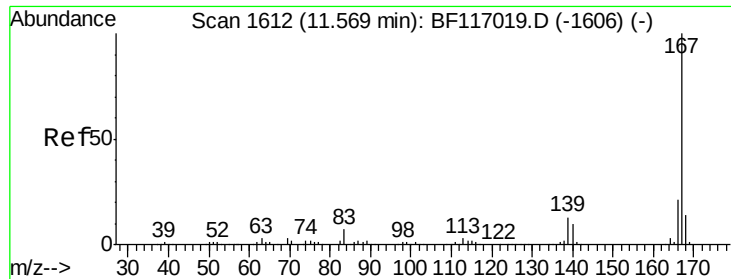


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

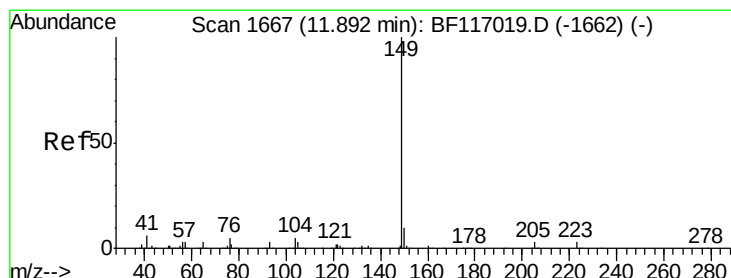
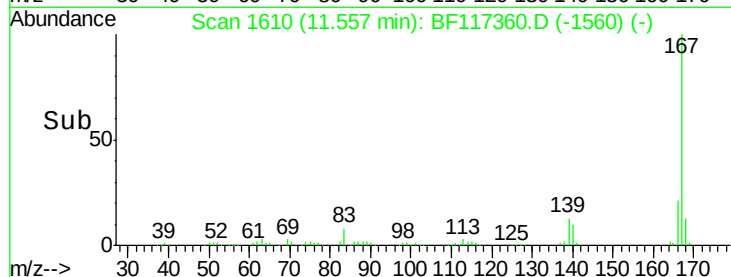
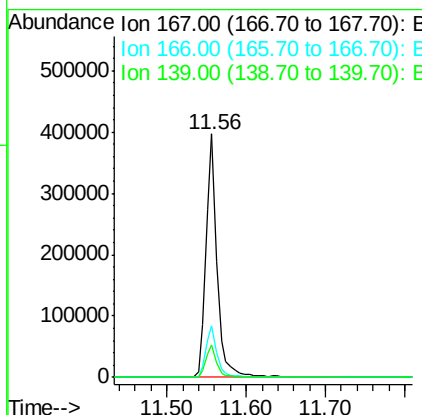
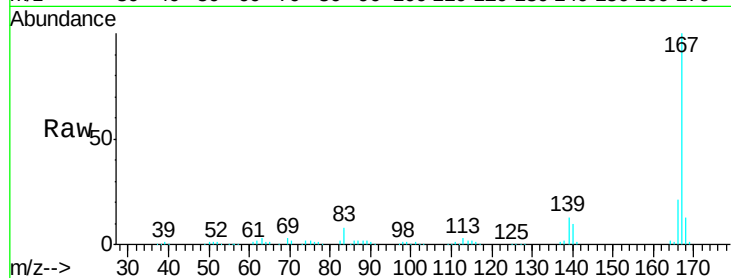




#73
 Carbazole
 Concen: 40.688 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

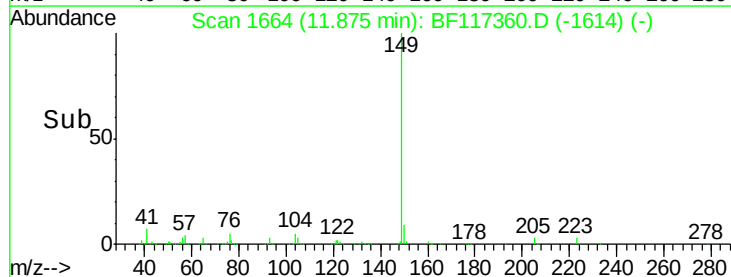
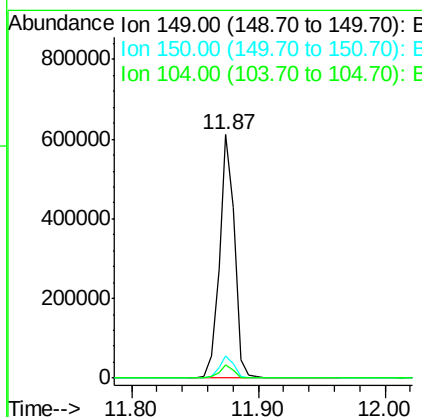
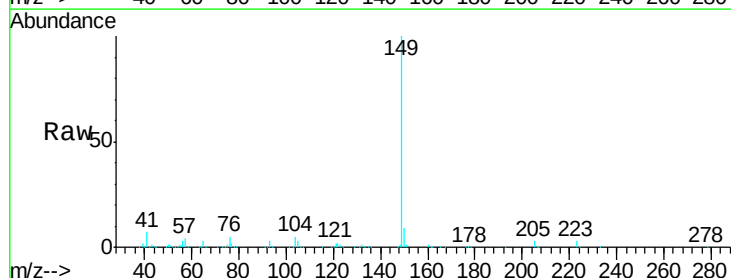
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

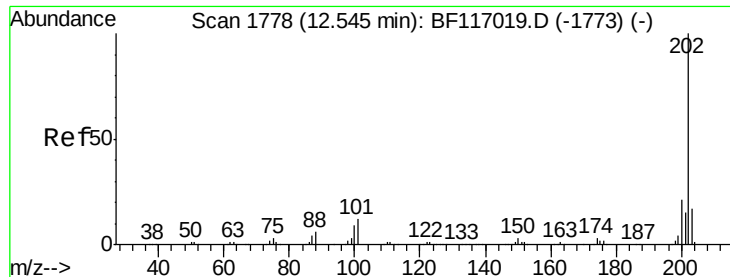
Tgt Ion:167 Resp: 391729
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.296 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF117360.D
 Acq: 10 Oct 2019 15:18

Tgt Ion:149 Resp: 507401
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 41.160 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

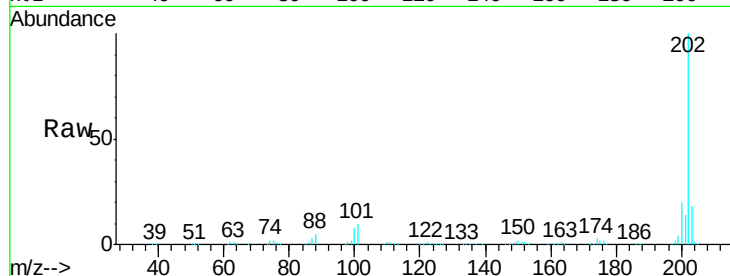
Tgt Ion: 202 Resp: 420164

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.3

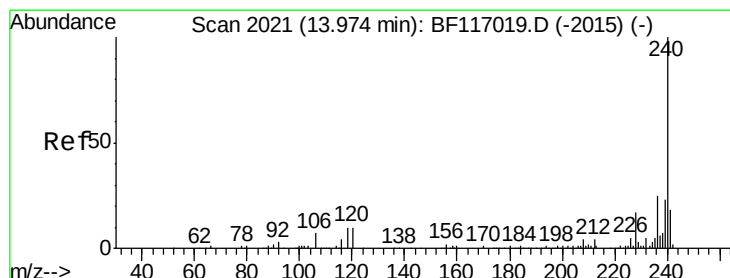
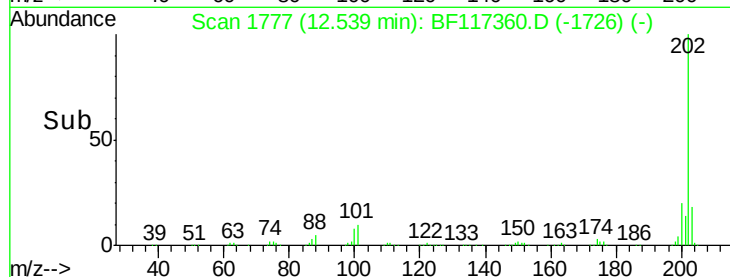
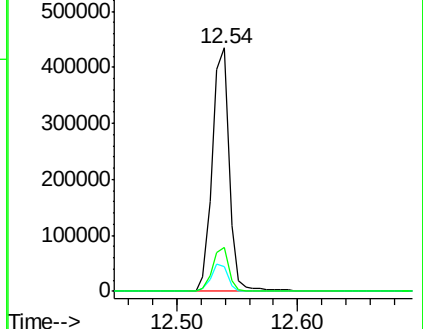
203 18.0 0.0 37.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

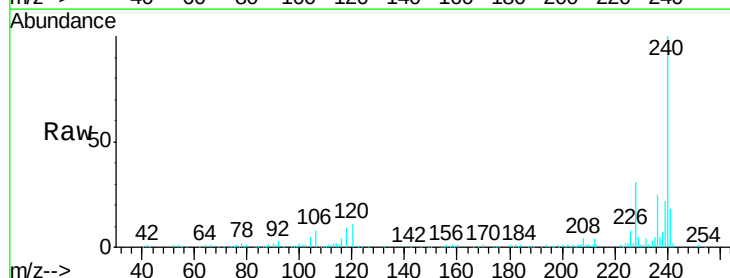
Tgt Ion: 240 Resp: 123310

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

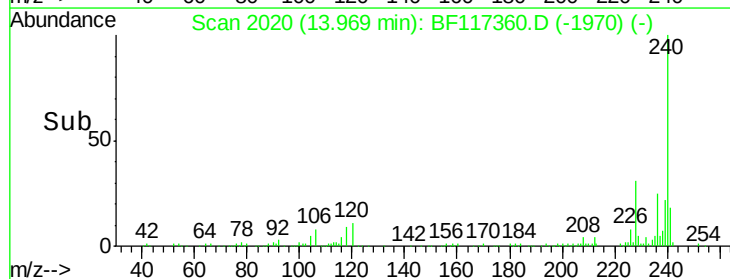
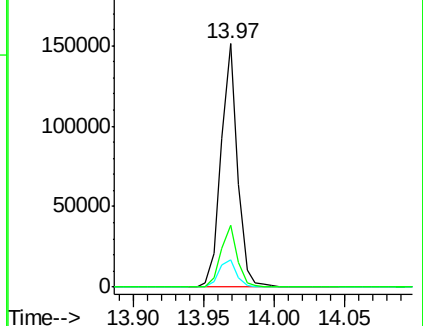
236 25.4 20.3 30.5

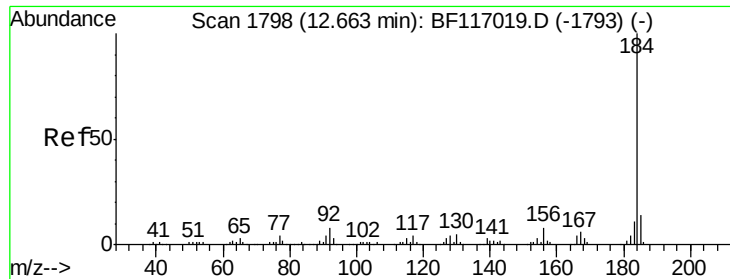


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.306 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

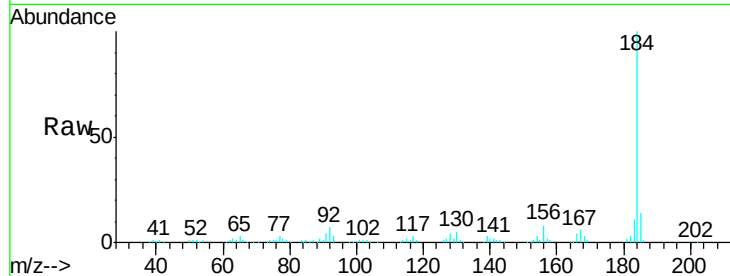
Tgt Ion:184 Resp: 140241

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

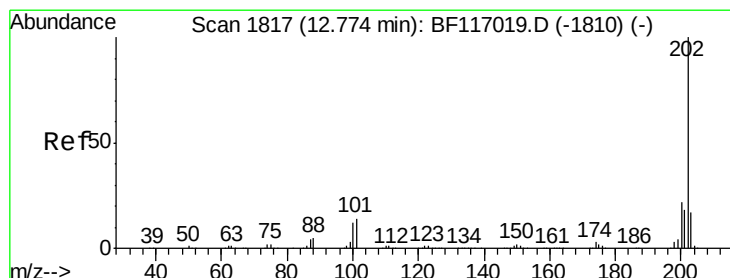
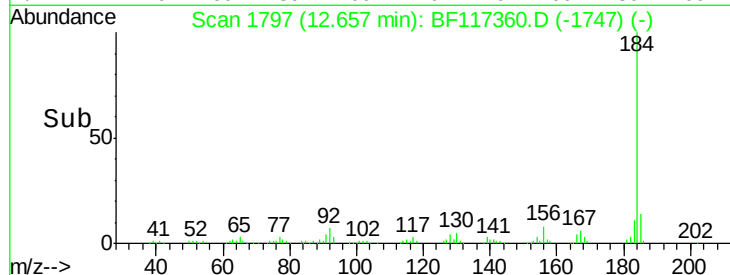
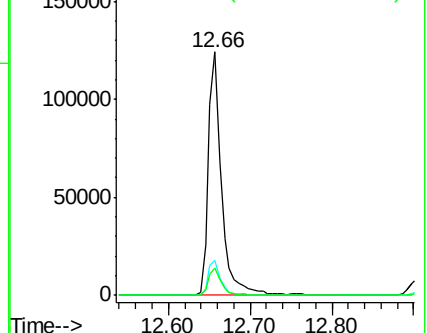
183 11.1 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.830 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

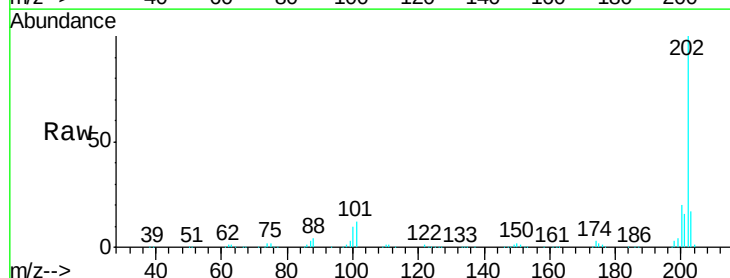
Tgt Ion:202 Resp: 432796

Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

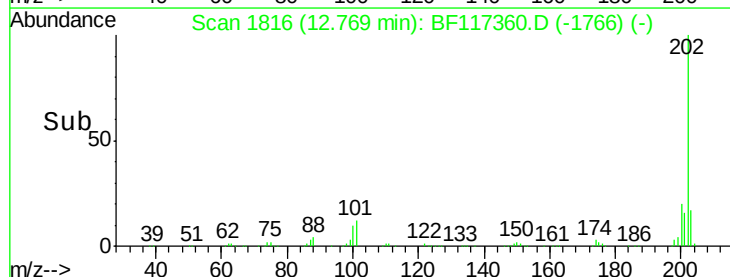
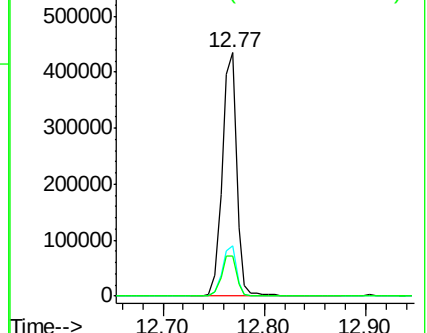
203 16.7 14.0 21.0

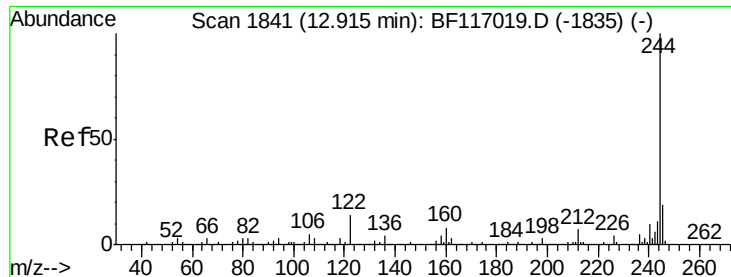


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.291 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

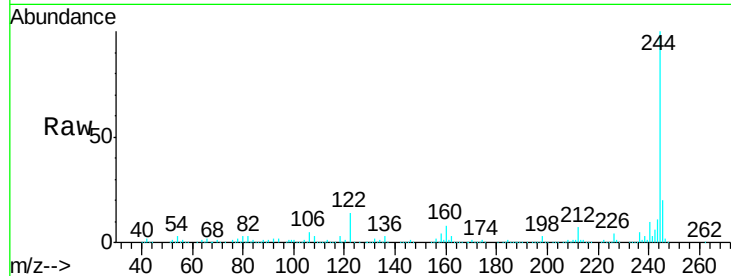
Tgt Ion:244 Resp: 582445

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

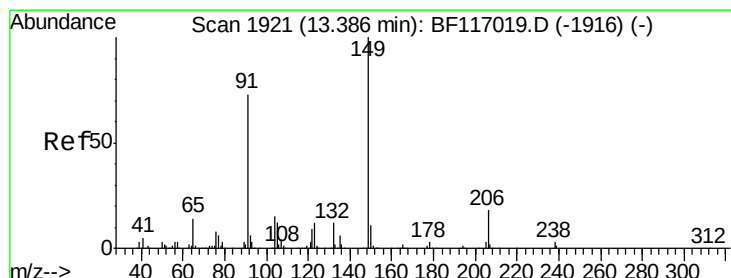
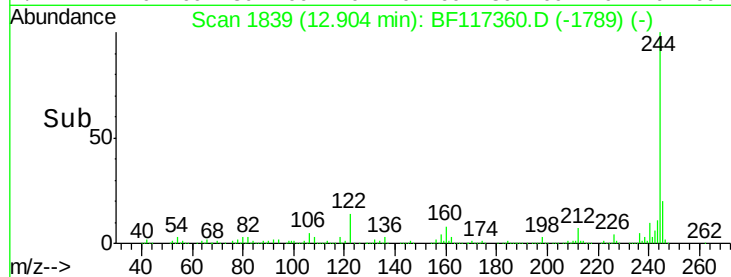
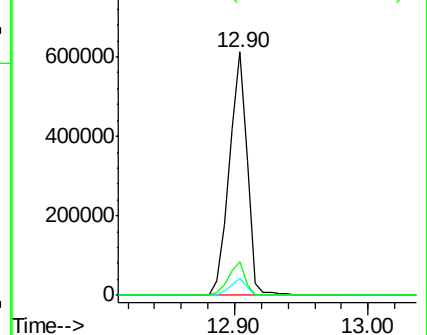
122 13.9 11.3 16.9



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: 42.501 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

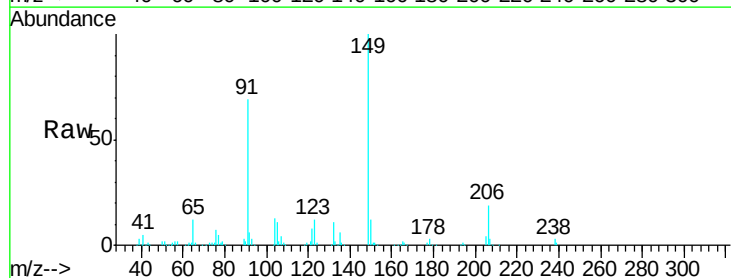
Tgt Ion:149 Resp: 207784

Ion Ratio Lower Upper

149 100

91 69.2 58.8 88.2

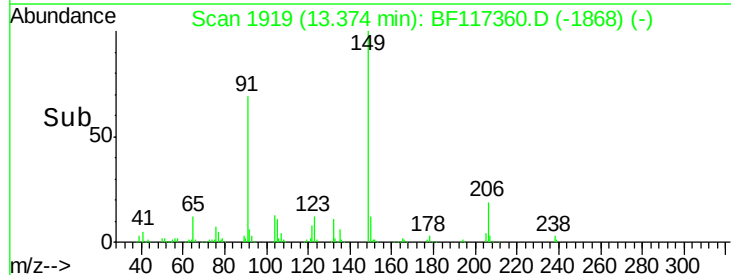
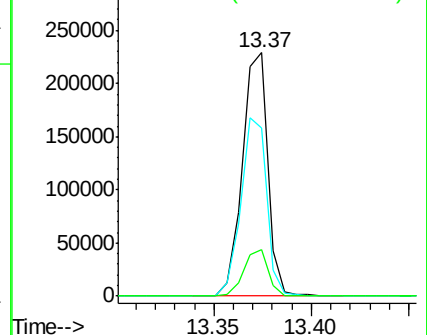
206 19.3 14.1 21.1

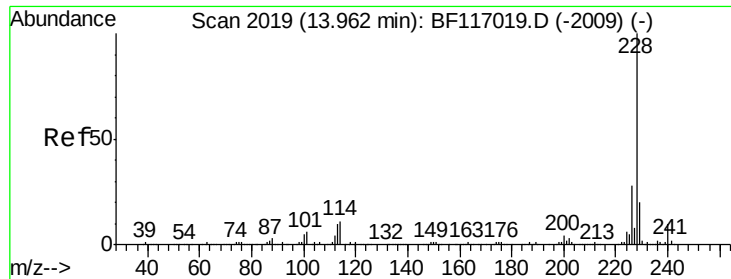


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

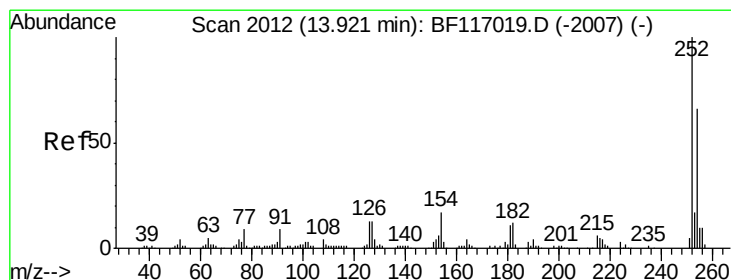
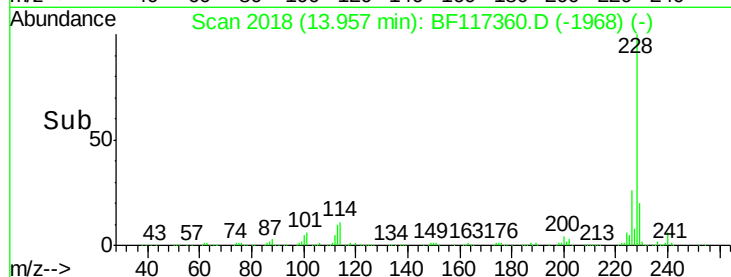
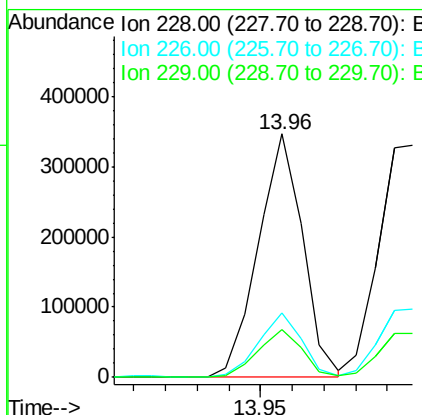
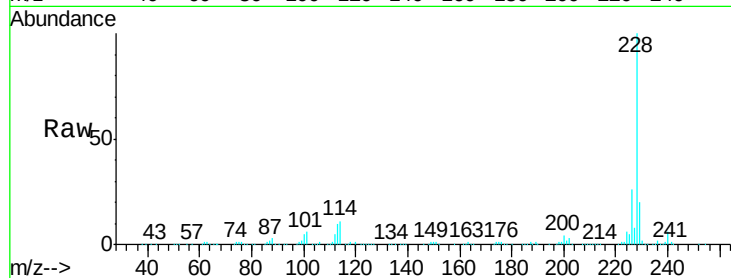




#81
Benzo(a)anthracene
Concen: 41.087 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

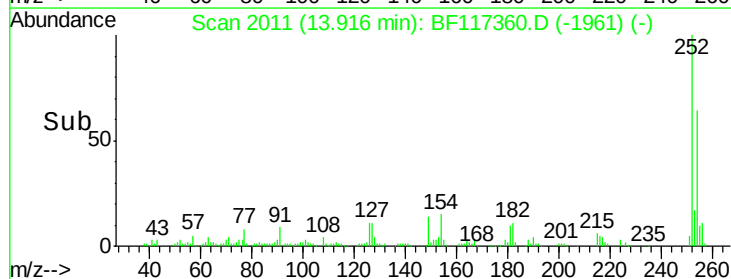
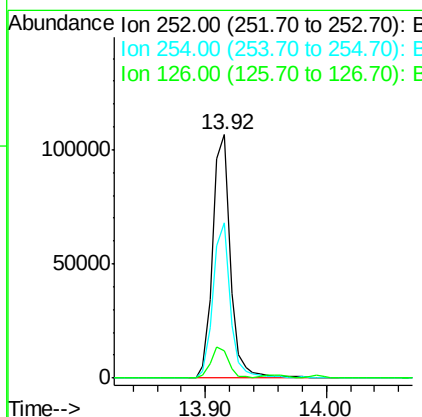
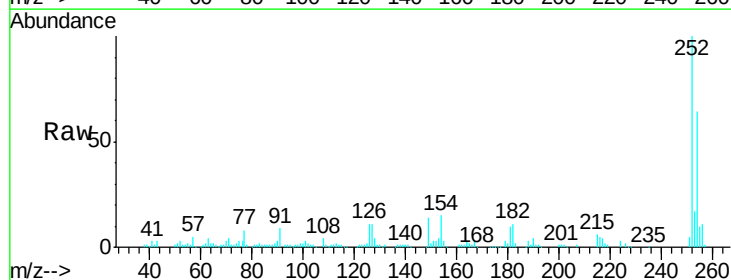
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

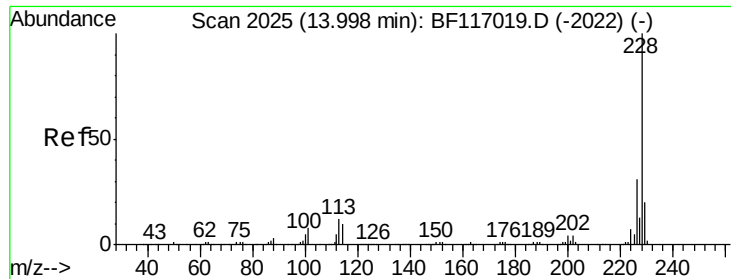
Tgt Ion:228 Resp: 338496
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 40.547 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:252 Resp: 107645
Ion Ratio Lower Upper
252 100
254 63.7 52.6 79.0
126 11.5 10.4 15.6





#83

Chrysene

Concen: 41.676 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

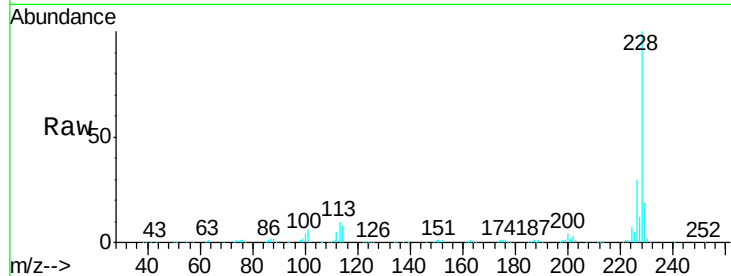
Tgt Ion: 228 Resp: 334871

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

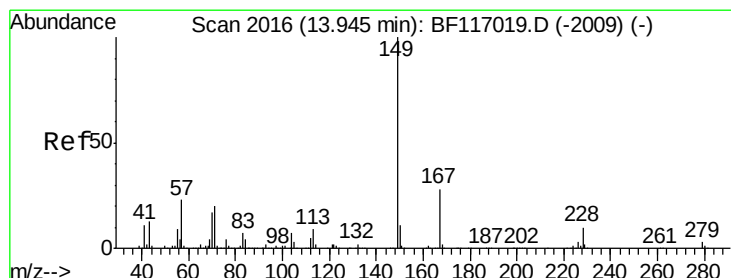
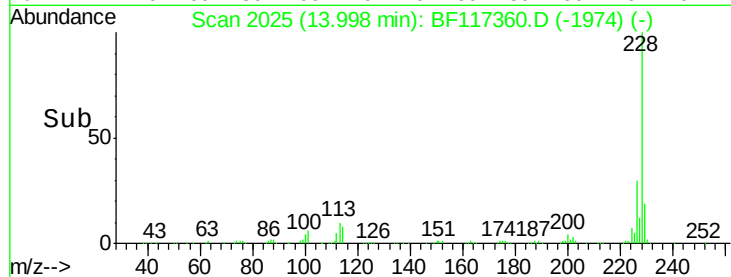
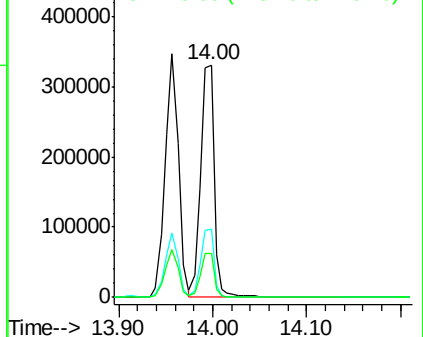
229 18.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.310 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

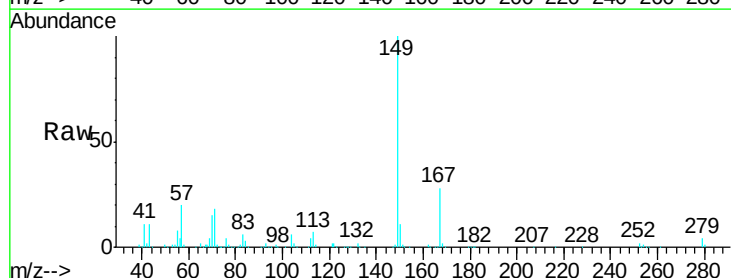
Tgt Ion: 149 Resp: 279315

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

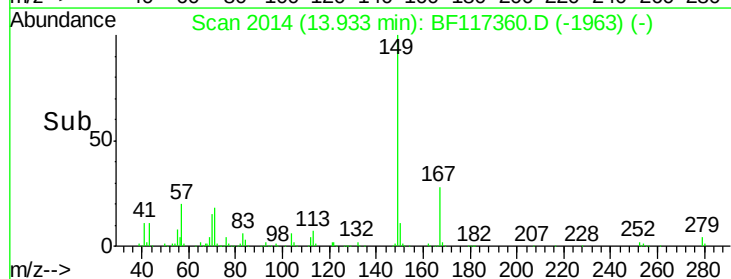
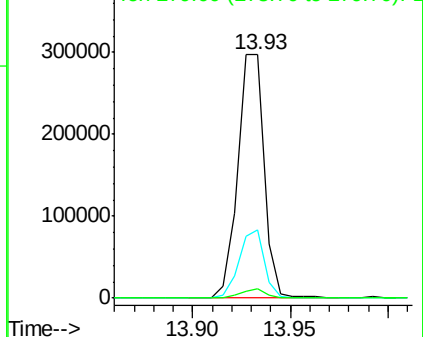
279 3.6 2.8 4.2

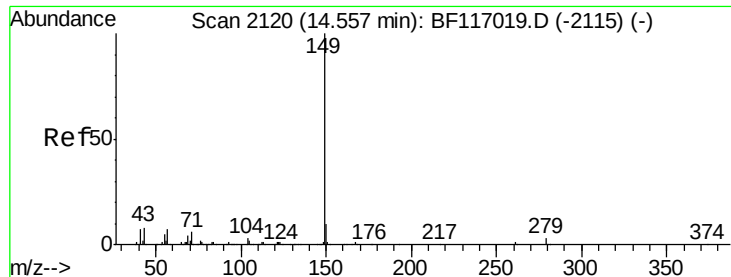


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.278 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

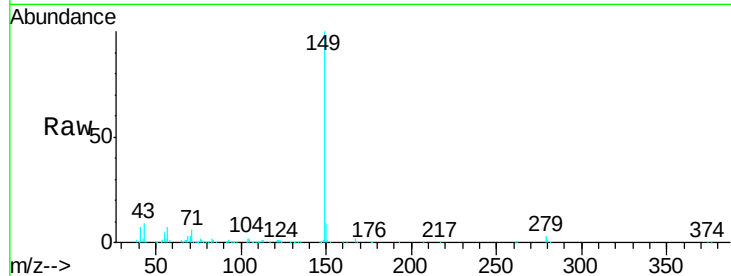
Tgt Ion:149 Resp: 419463

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

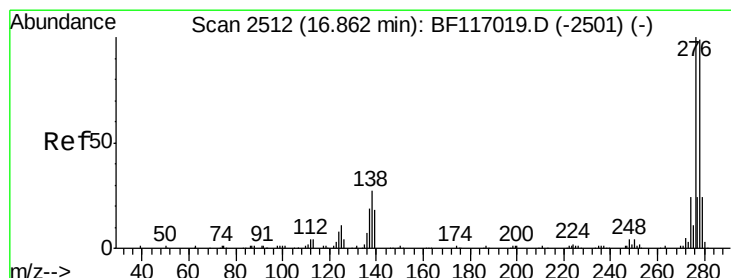
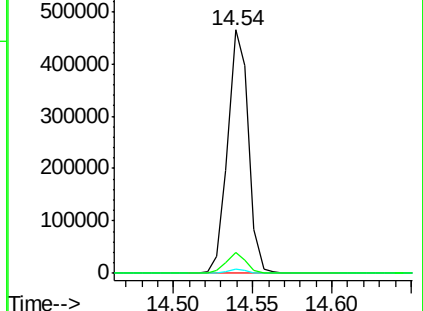
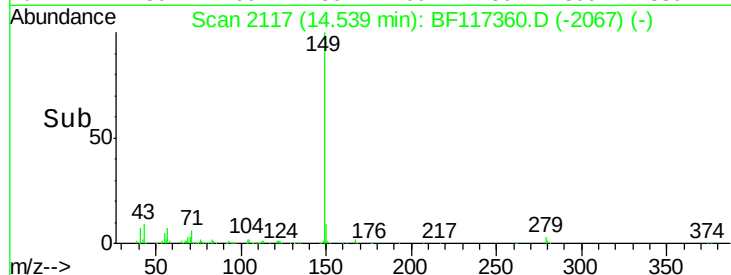
43 8.0 6.2 9.4



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: 38.991 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

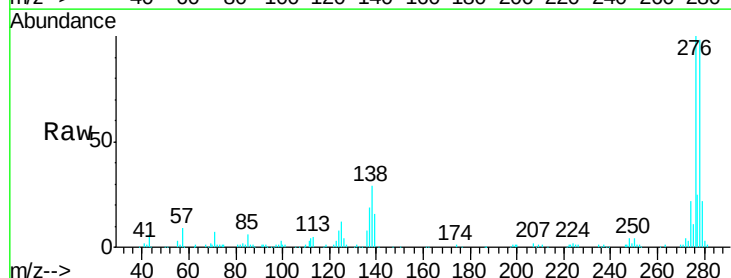
Tgt Ion:276 Resp: 228571

Ion Ratio Lower Upper

276 100

138 27.8 20.7 31.1

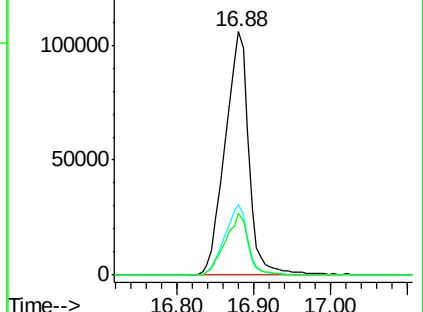
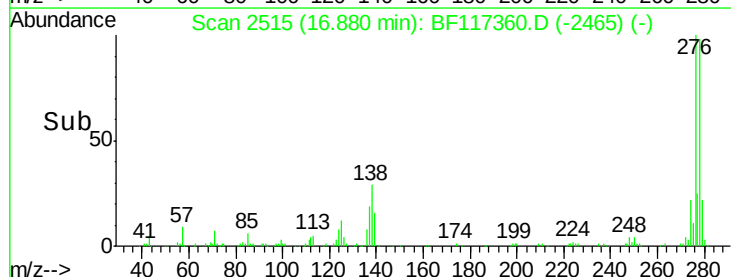
277 24.8 19.8 29.8

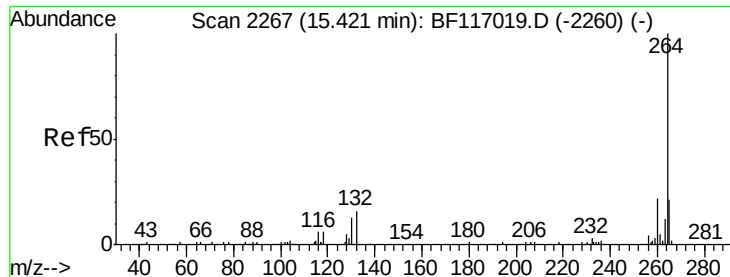


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

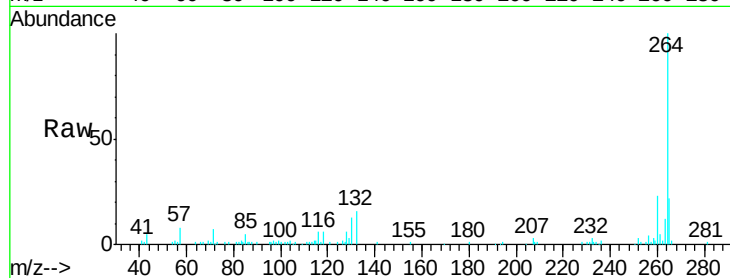
Tgt Ion:264 Resp: 102148

Ion Ratio Lower Upper

264 100

260 22.9 17.6 26.4

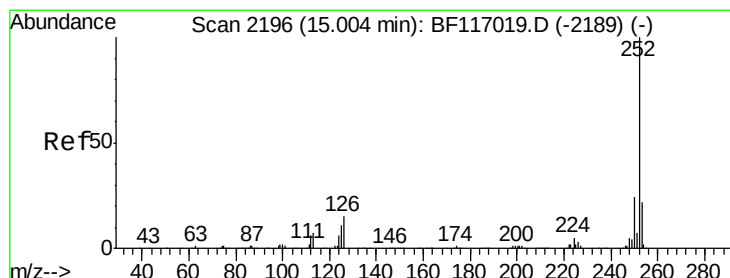
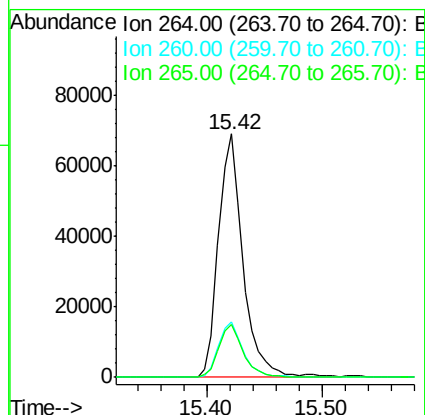
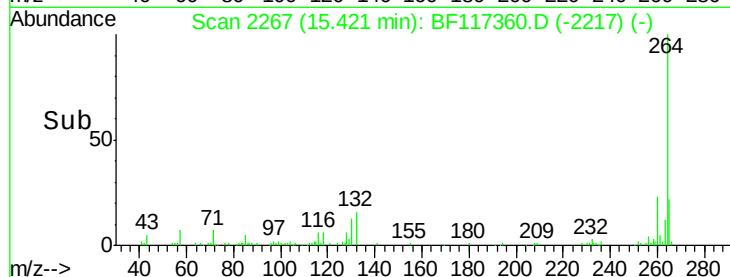
265 21.9 16.6 24.8



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: 42.683 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF117360.D

Acq: 10 Oct 2019 15:18

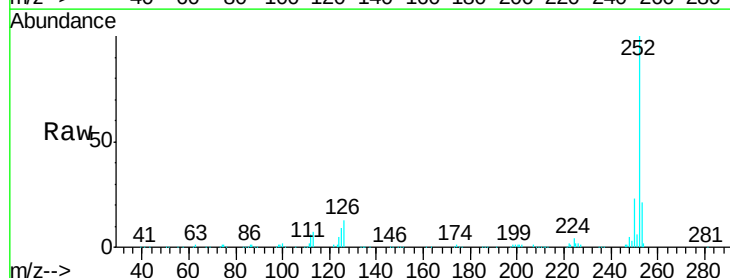
Tgt Ion:252 Resp: 264097

Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

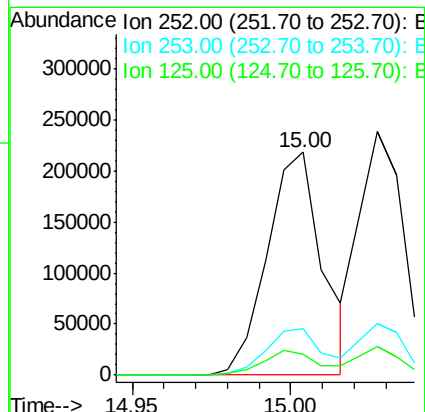
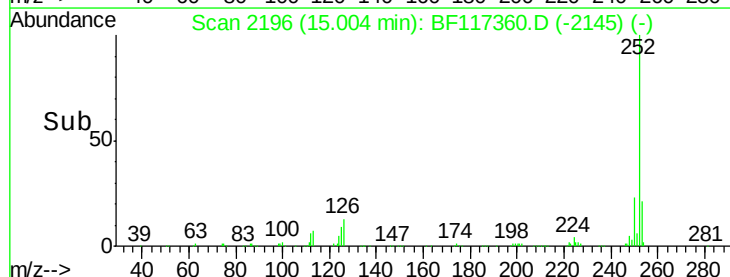
125 9.2 8.6 12.8

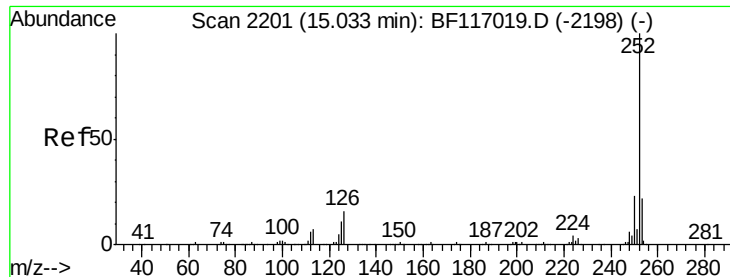


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

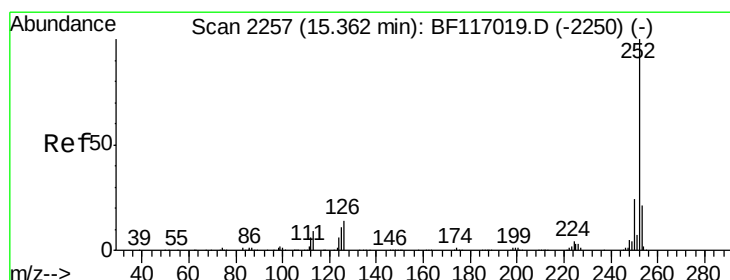
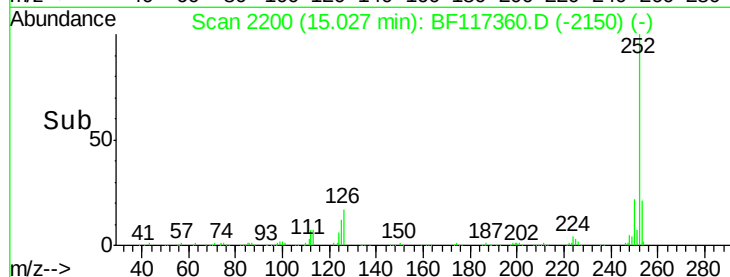
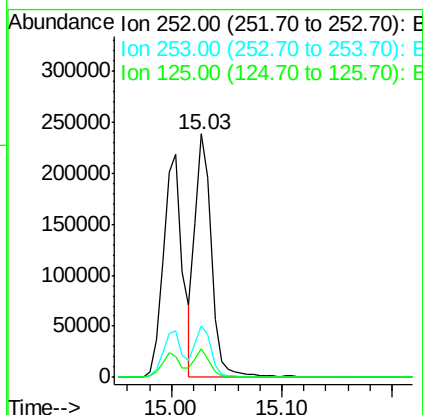
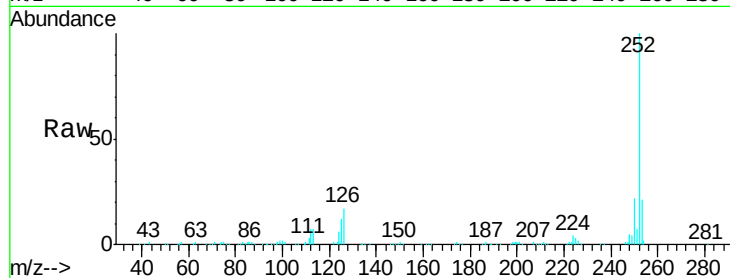




#89
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

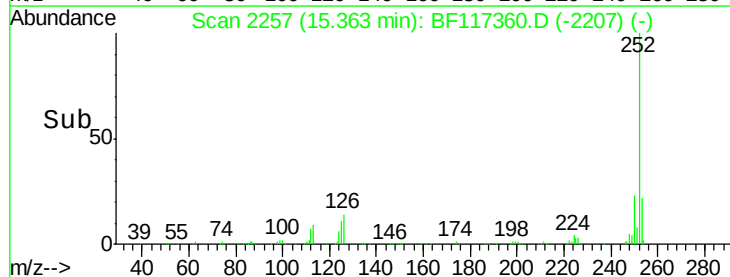
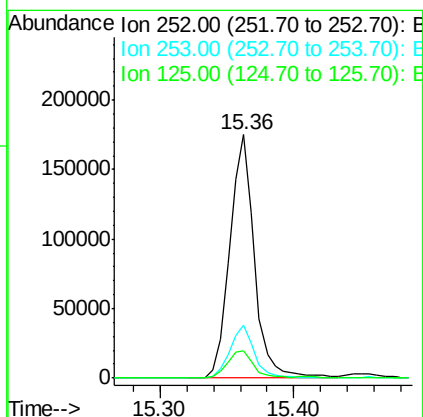
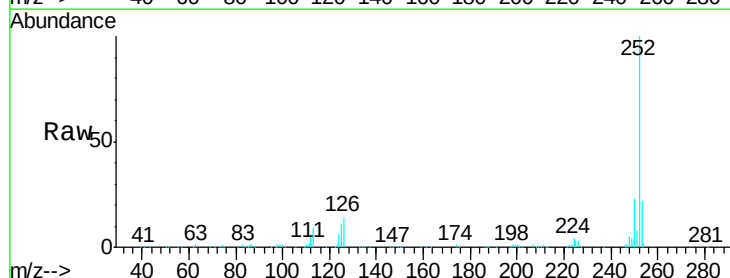
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

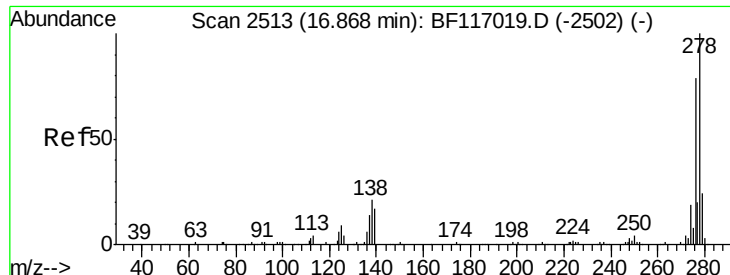
Tgt Ion:252 Resp: 244103
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 11.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.678 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion:252 Resp: 226295
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 11.2 8.9 13.3

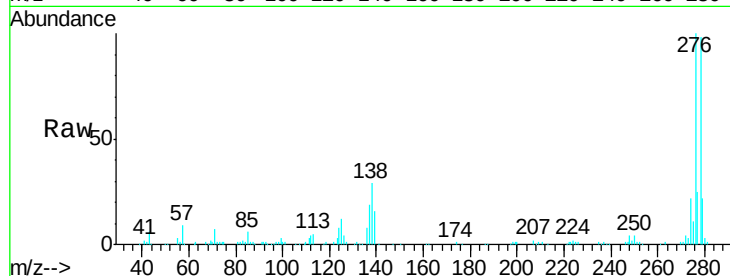




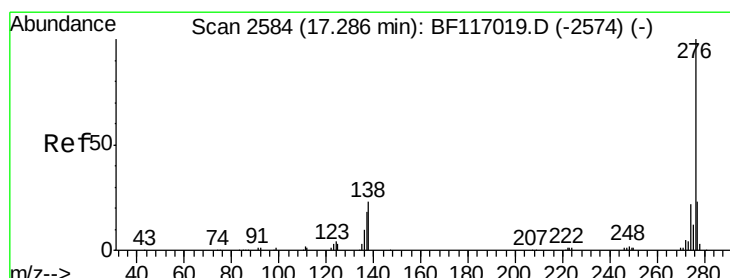
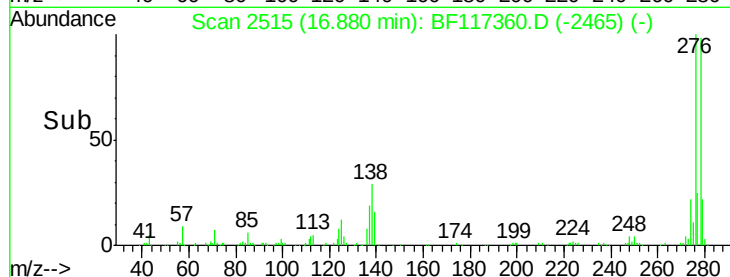
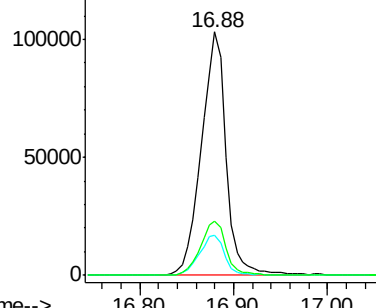
#91
Dibenzo(a,h)anthracene
Concen: 43.690 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	22.4	18.8	28.2

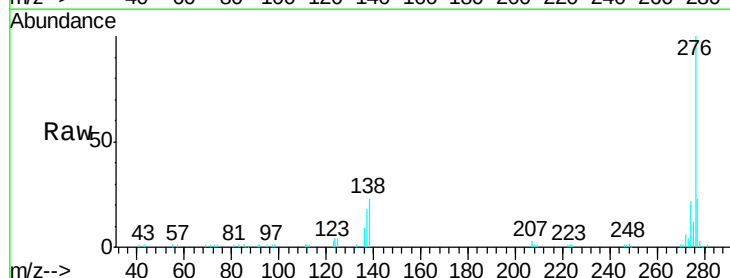


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.008 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117360.D
Acq: 10 Oct 2019 15:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	23.0	18.0	27.0



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

