

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115112.D
 Acq On : 22 Jun 2019 11:24
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 04:32:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	220383	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	898745	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	445057	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	867628	20.00	ng	0.00
76) Chrysene-d12	13.73	240	644070	20.00	ng	-0.02
87) Perylene-d12	15.09	264	750402	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1153744	80.79	ng	0.00
7) Phenol-d6	6.25	99	1410026	81.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	1218384	83.39	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	405008	86.30	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2208922	84.31	ng	-0.01
79) Terphenyl-d14	12.70	244	2461583	81.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	268936	39.902	ng	100
3) Pyridine	2.84	79	755391	39.764	ng	100
4) n-Nitrosodimethylamine	2.78	42	292927	39.334	ng	100
6) Aniline	6.27	93	975626	40.953	ng	98
8) 2-Chlorophenol	6.40	128	662711	41.269	ng	99
9) Benzaldehyde	6.15	77	469416	41.509	ng	99
10) Phenol	6.26	94	826064	40.684	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	610396	40.782	ng	98
12) 1,3-Dichlorobenzene	6.55	146	734917	41.237	ng	99
13) 1,4-Dichlorobenzene	6.63	146	736601	41.217	ng	99
14) 1,2-Dichlorobenzene	6.78	146	691211	41.765	ng	98
15) Benzyl Alcohol	6.76	79	513280	40.665	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	886438	40.834	ng	99
17) 2-Methylphenol	6.87	107	532716	40.190	ng	99
18) Hexachloroethane	7.13	117	265024	41.134	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	447661	40.339	ng	99
20) 3+4-Methylphenols	7.03	107	625690	40.881	ng	96
22) Acetophenone	7.02	105	839728	40.813	ng	99
24) Nitrobenzene	7.20	77	667808	41.490	ng	99
25) Isophorone	7.44	82	1208422	40.376	ng	99
26) 2-Nitrophenol	7.51	139	346456	43.586	ng	99
27) 2,4-Dimethylphenol	7.56	122	536290	41.207	ng	100
28) bis(2-Chloroethoxy)methane	7.65	93	785281	41.513	ng	99
29) 2,4-Dichlorophenol	7.75	162	559022	41.623	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	625024	42.131	ng	100
31) Naphthalene	7.92	128	1857190	42.097	ng	100
32) Benzoic acid	7.68	122	347322	37.387	ng	97
33) 4-Chloroaniline	7.97	127	826695	41.002	ng	99
34) Hexachlorobutadiene	8.05	225	346465	42.617	ng	98
35) Caprolactam	8.34	113	179745	39.806	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	559486	41.134	ng	98
37) 2-Methylnaphthalene	8.61	142	1243265	41.796	ng	99
38) 1-Methylnaphthalene	8.71	142	1191394	41.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	534003	42.460	ng	100

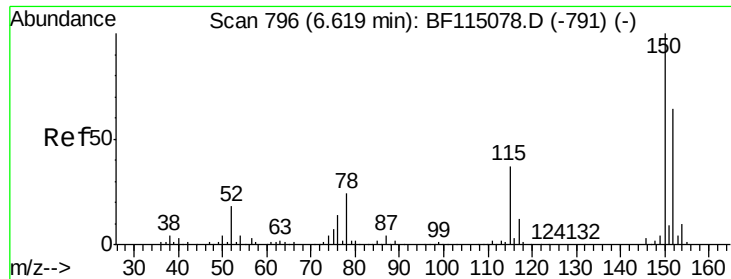
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115112.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	289359	38.801	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	398834	41.077	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	422043	42.209	ng	98
46) 1,1'-Biphenyl	9.07	154	1435875	40.321	ng	99
47) 2-Chloronaphthalene	9.09	162	1212080	41.961	ng	98
48) 2-Nitroaniline	9.18	65	354145	42.053	ng	93
49) Acenaphthylene	9.50	152	1878473	41.739	ng	99
50) Dimethylphthalate	9.38	163	1354997	41.382	ng	100
51) 2,6-Dinitrotoluene	9.43	165	317289	41.972	ng	92
52) Acenaphthene	9.68	154	1170329	41.557	ng	99
53) 3-Nitroaniline	9.60	138	388580	42.122	ng	94
54) 2,4-Dinitrophenol	9.69	184	148232	41.953	ng	# 88
55) Dibenzofuran	9.85	168	1637911	40.522	ng	97
56) 4-Nitrophenol	9.75	139	304573	41.182	ng	95
57) 2,4-Dinitrotoluene	9.82	165	420013	43.030	ng	92
58) Fluorene	10.18	166	1131118	41.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	350507	41.805	ng	99
60) Diethylphthalate	10.07	149	1360087	41.322	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	557486	43.341	ng	98
62) 4-Nitroaniline	10.20	138	381705	41.245	ng	98
63) Azobenzene	10.34	77	1269896	41.307	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	194227	42.685	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1116127	41.291	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	395149	42.006	ng	96
68) Hexachlorobenzene	10.73	284	430013	42.114	ng	96
69) Atrazine	10.83	200	356272	40.973	ng	99
70) Pentachlorophenol	10.92	266	280016	43.047	ng	99
71) Phenanthrene	11.14	178	1870497	40.041	ng	99
72) Anthracene	11.19	178	1882132	39.914	ng	99
73) Carbazole	11.34	167	1722076	40.897	ng	99
74) Di-n-butylphthalate	11.69	149	2031504	41.751	ng	99
75) Fluoranthene	12.31	202	1925412	41.310	ng	100
77) Benzidine	12.44	184	1149773	40.203	ng	98
78) Pyrene	12.54	202	1982086	40.044	ng	99
80) Butylbenzylphthalate	13.18	149	882340	40.394	ng	93
81) Benzo(a)anthracene	13.72	228	1879787	40.676	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	683833	40.976	ng	98
83) Chrysene	13.76	228	1737816	41.051	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1172795	40.975	ng	100
85) Di-n-octyl phthalate	14.35	149	1957027	40.695	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2098994	41.902	ng	99
88) Benzo(b)fluoranthene	14.72	252	1837455	39.243	ng	99
89) Benzo(k)fluoranthene	14.75	252	1754547	41.785	ng	98
90) Benzo(a)pyrene	15.04	252	1741657	41.269	ng	100
91) Dibenzo(a,h)anthracene	16.38	278	1693192	42.976	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1723762	43.228	ng	98

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

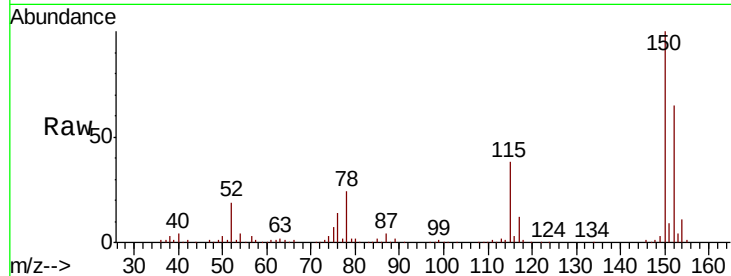


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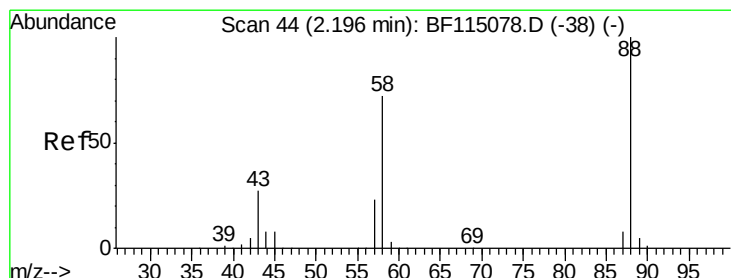
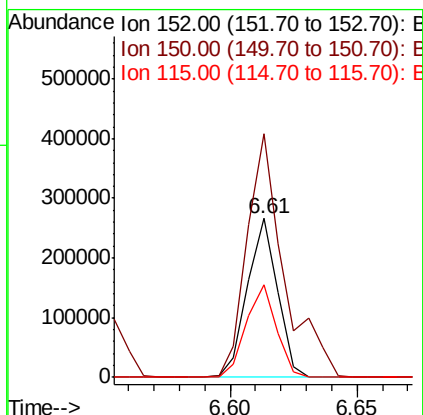
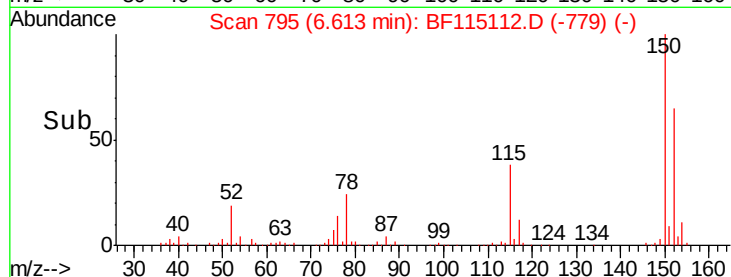
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 220383
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 58.1 46.1 69.1



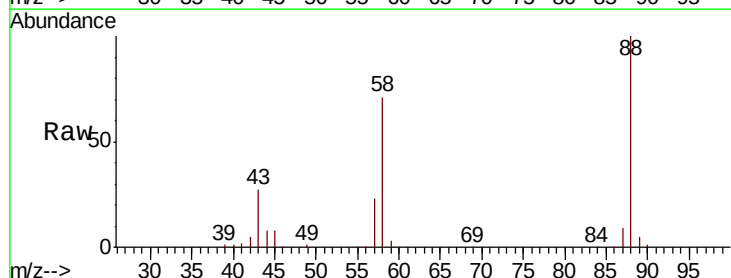
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



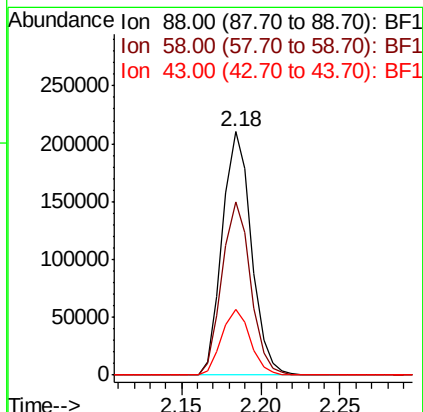
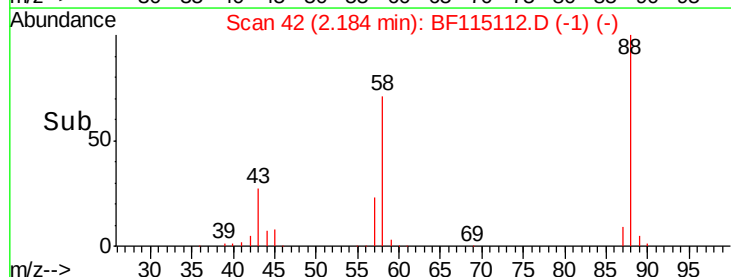
#2

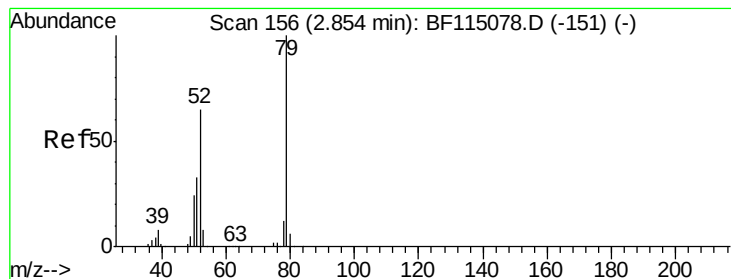
1,4-Dioxane
Concen: 39.902 ng
RT: 2.18 min Scan# 42
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion: 88 Resp: 268936
Ion Ratio Lower Upper
88 100
58 70.0 56.1 84.1
43 26.5 21.3 31.9



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





#3

Pvridine

Concen: 39.764 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

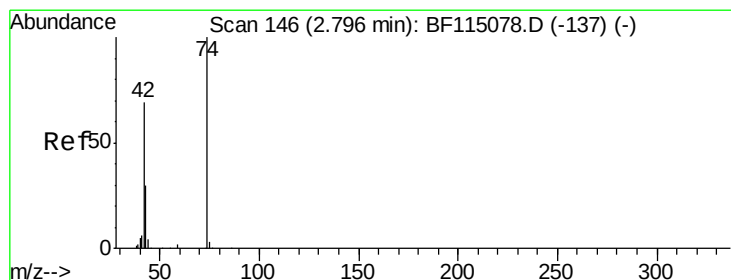
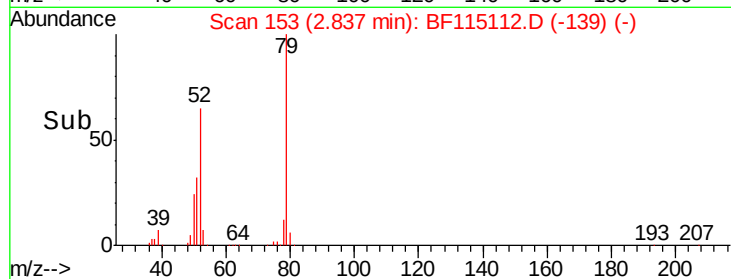
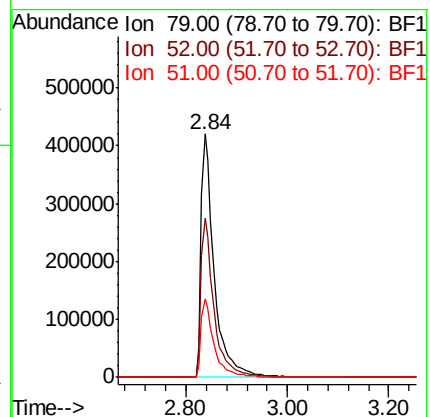
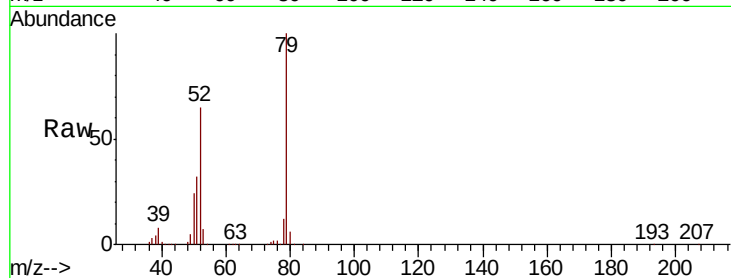
Tot Ion: 79 Resp: 755391

Ion Ratio Lower Upper

79 100

52 65.3 52.3 78.5

51 32.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 39.334 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

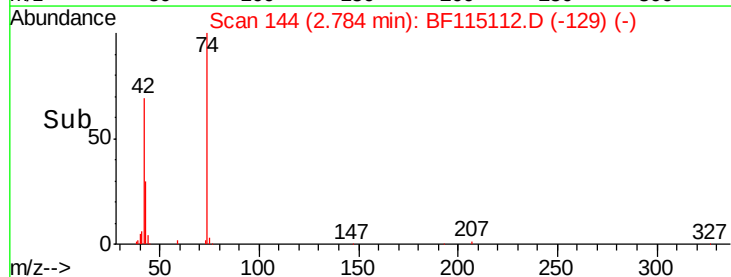
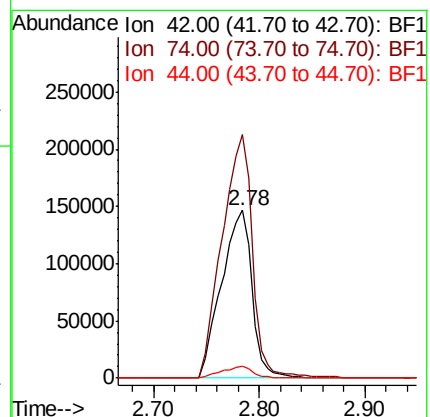
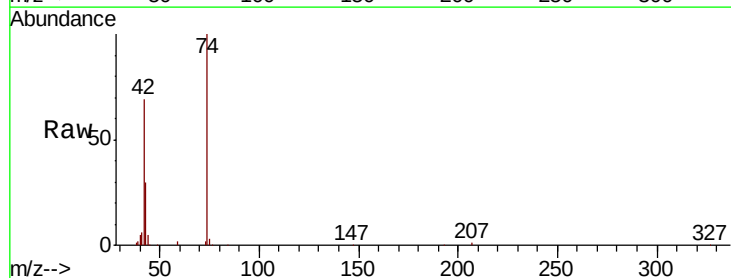
Tgt Ion: 42 Resp: 292927

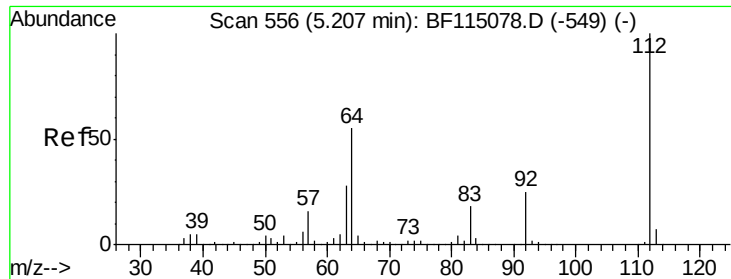
Ion Ratio Lower Upper

42 100

74 145.3 116.6 175.0

44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 80.788 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

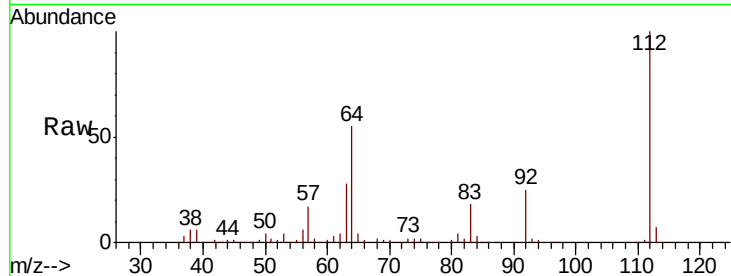
Tot Ion:112 Resp: 1153744

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

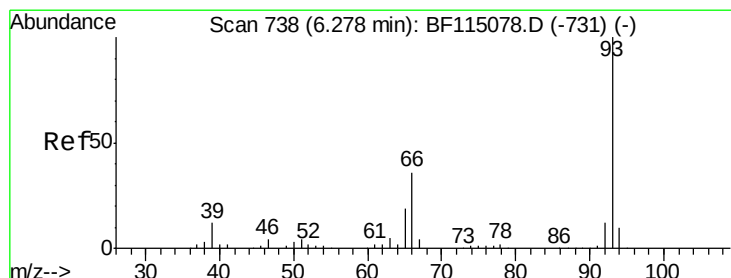
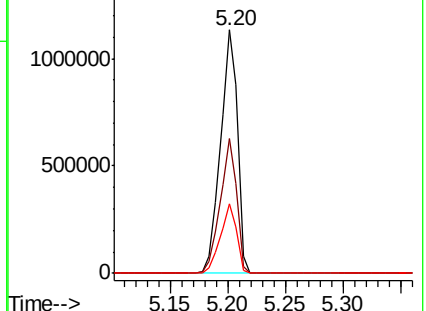
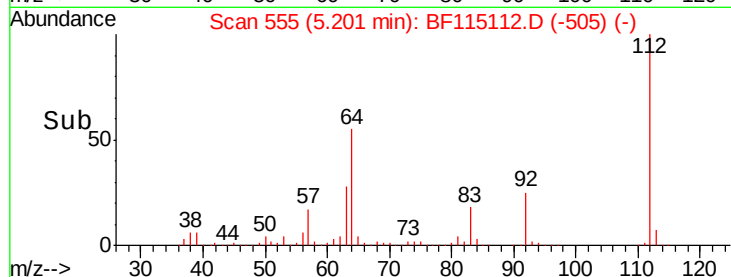
63 28.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.953 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

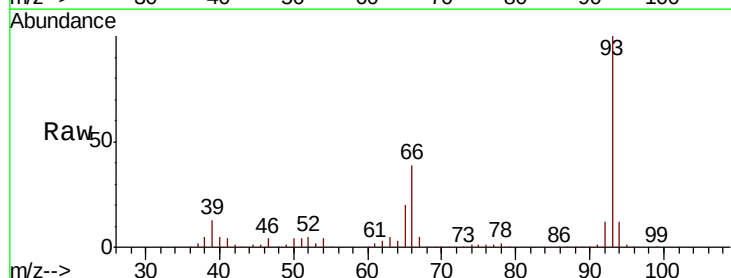
Tgt Ion: 93 Resp: 975626

Ion Ratio Lower Upper

93 100

66 38.8 30.0 45.0

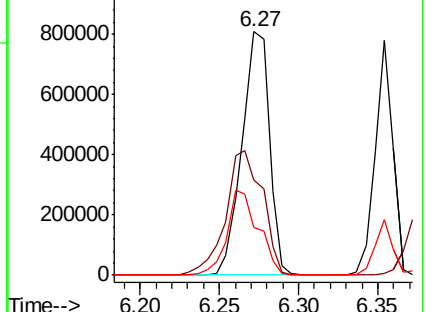
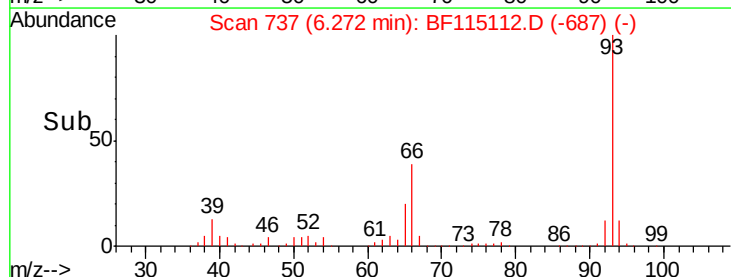
65 19.8 15.6 23.4

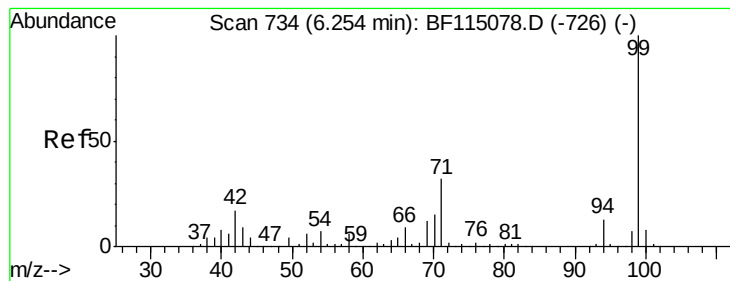


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.345 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

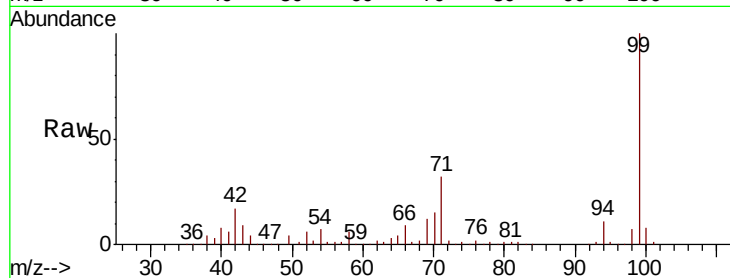
Tot Ion: 99 Resp: 1410026

Ion Ratio Lower Upper

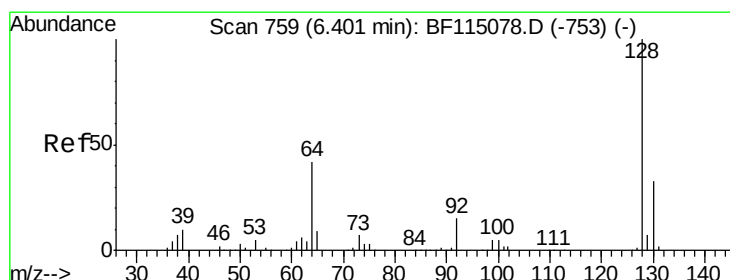
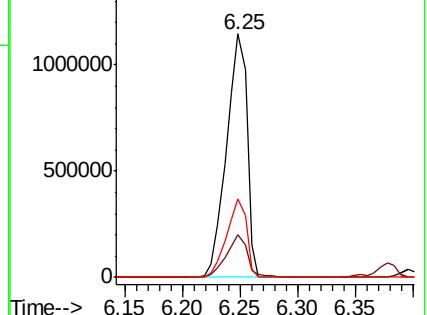
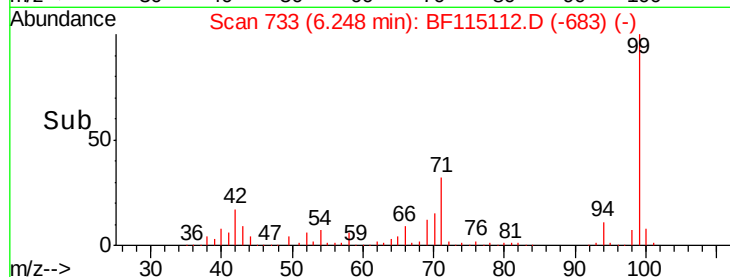
99 100

42 17.3 13.6 20.4

71 32.0 25.5 38.3



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: 41.269 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

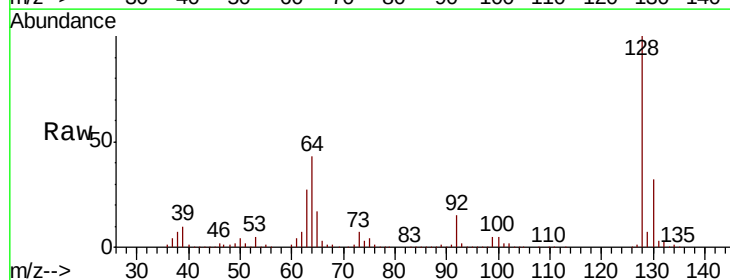
Tgt Ion: 128 Resp: 662711

Ion Ratio Lower Upper

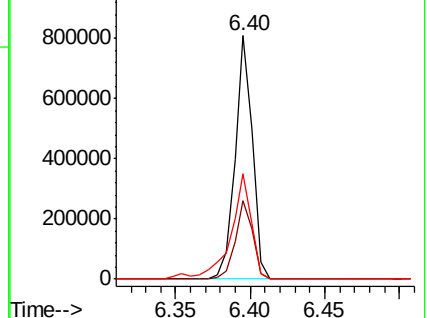
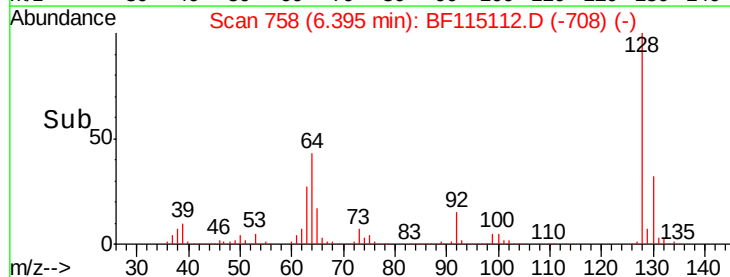
128 100

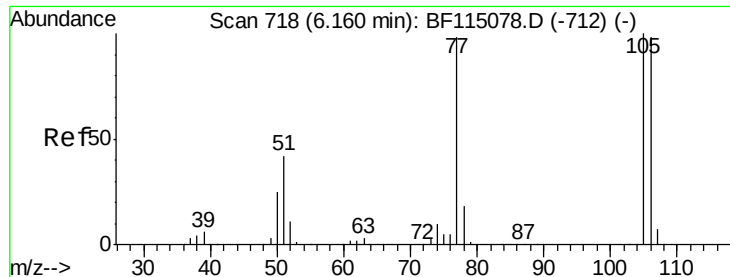
130 32.3 12.9 52.9

64 43.1 22.9 62.9



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: 41.509 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

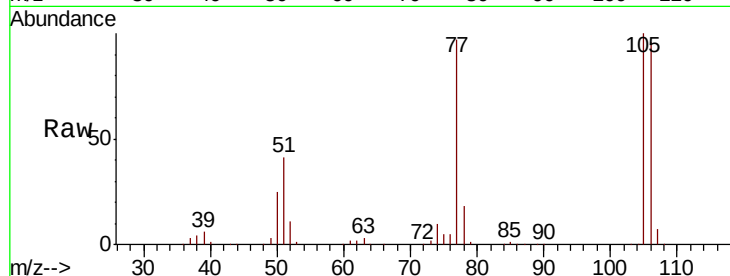
Tot Ion: 77 Resp: 469416

Ion Ratio Lower Upper

77 100

105 103.3 81.5 121.5

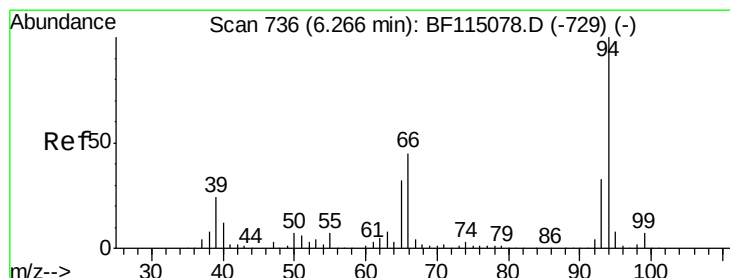
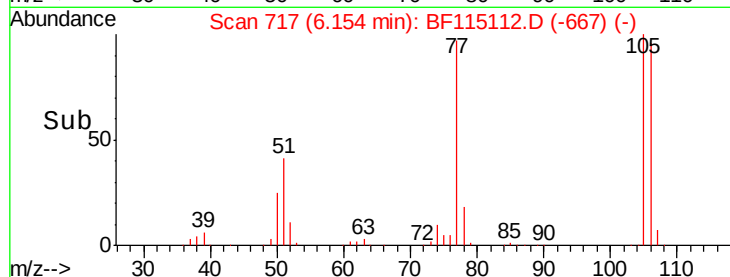
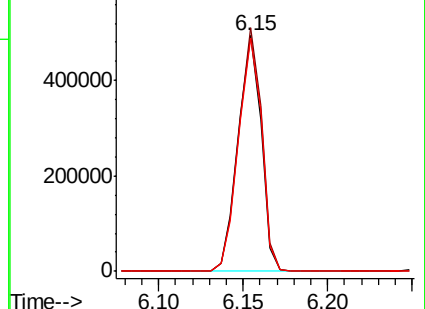
106 98.9 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.684 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

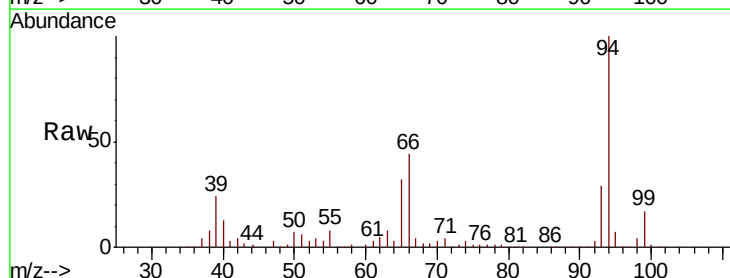
Tgt Ion: 94 Resp: 826064

Ion Ratio Lower Upper

94 100

65 31.6 11.9 51.9

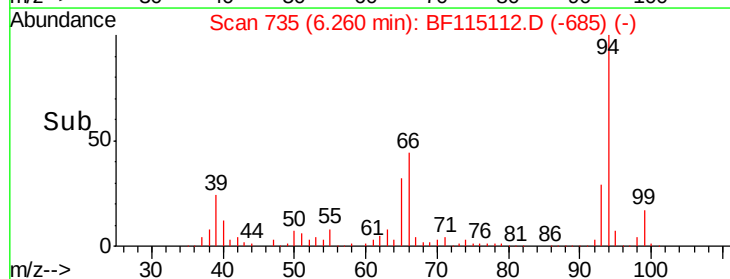
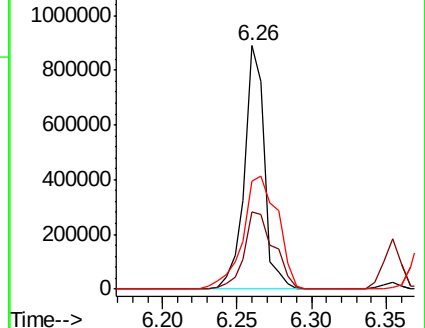
66 44.4 25.2 65.2

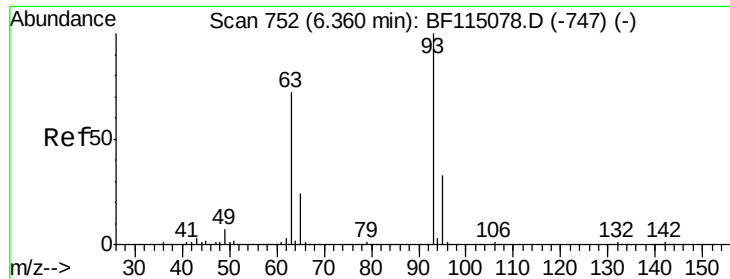


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

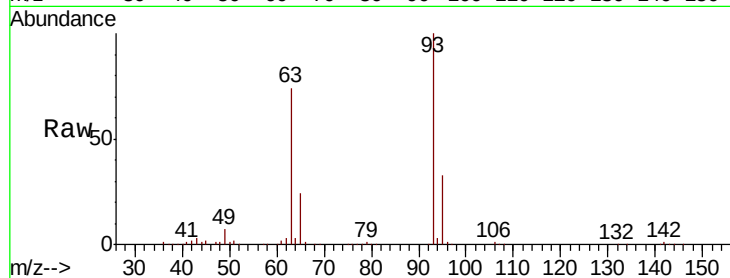




#11
bis(2-Chloroethyl)ether
Concen: 40.782 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	51.5	91.5
95	33.0	13.4	53.4

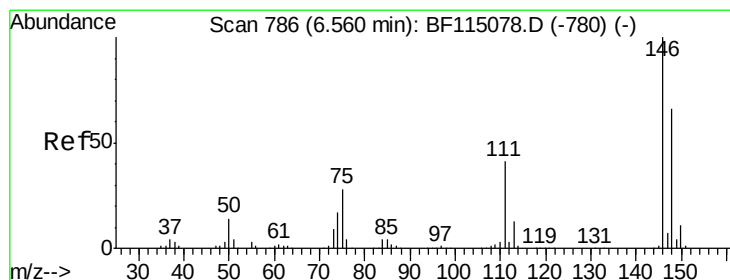
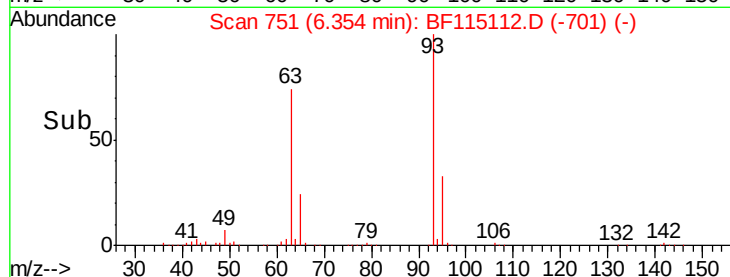
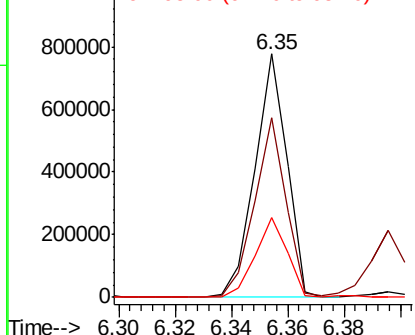


Abundance

Ion 93.00 (92.70 to 93.70): BF1

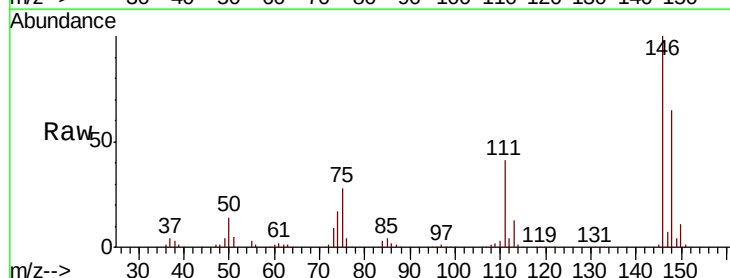
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.237 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	78.8
75	28.0	22.6	34.0

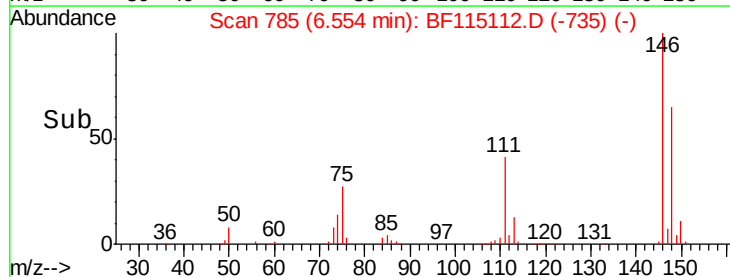
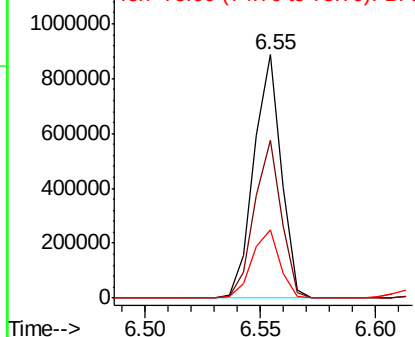


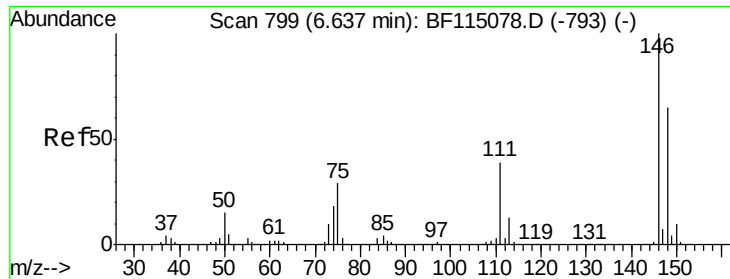
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

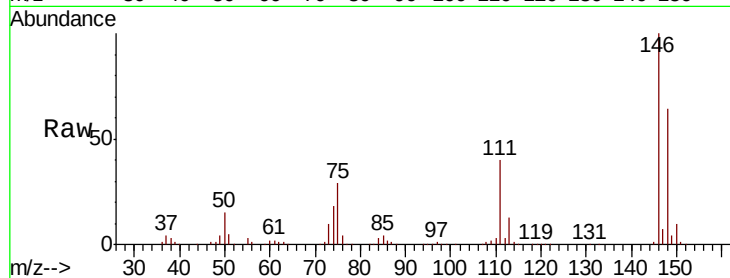




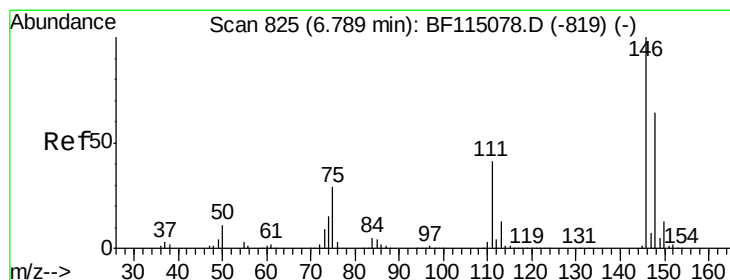
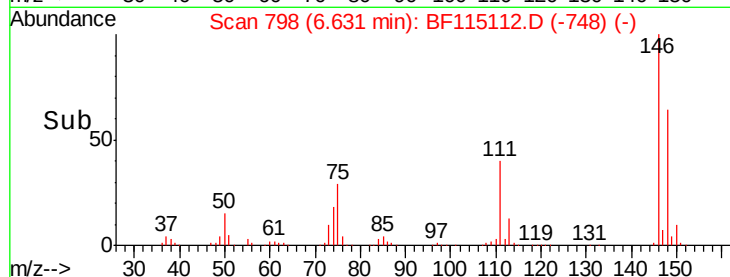
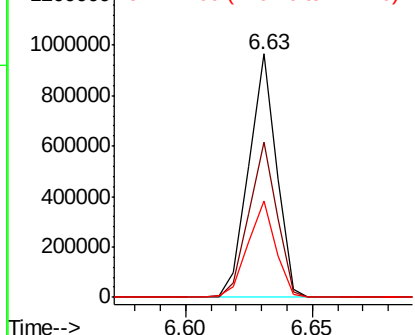
#13
 1,4-Dichlorobenzene
 Concen: 41.217 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 736601
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 39.5 31.4 47.0

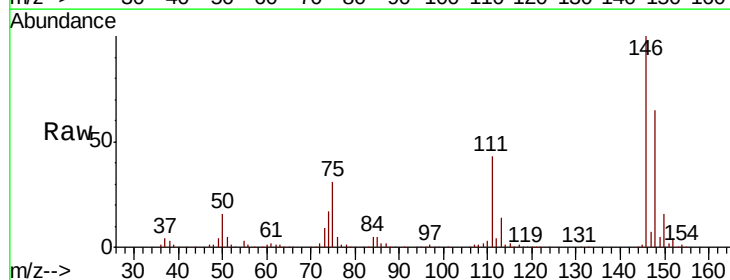


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

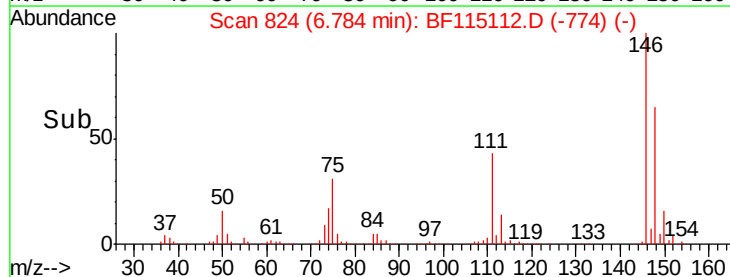
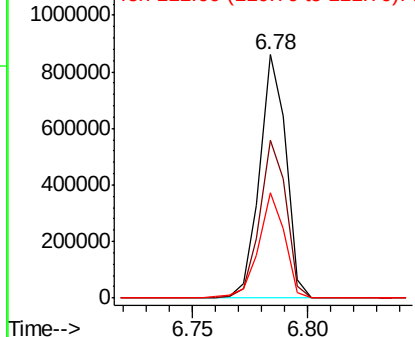


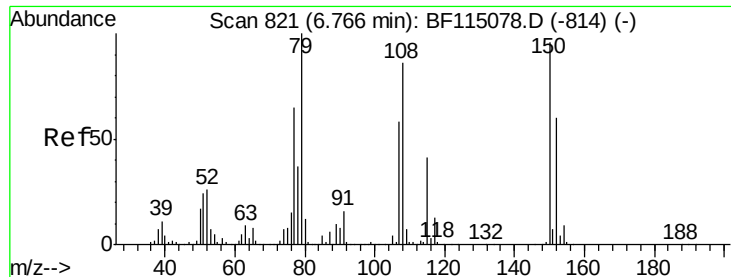
#14
 1,2-Dichlorobenzene
 Concen: 41.765 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:146 Resp: 691211
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 43.3 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 40.665 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

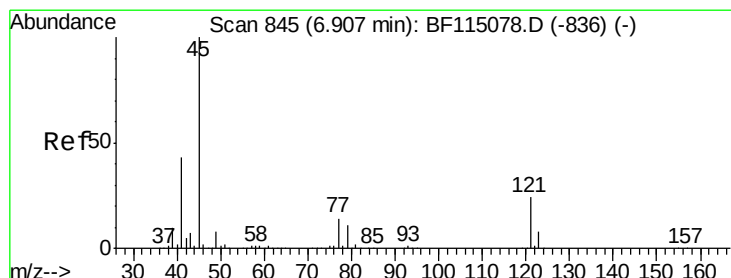
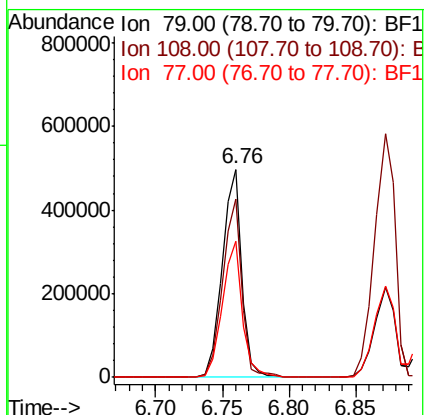
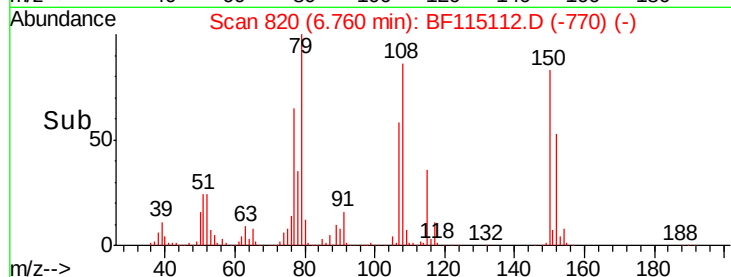
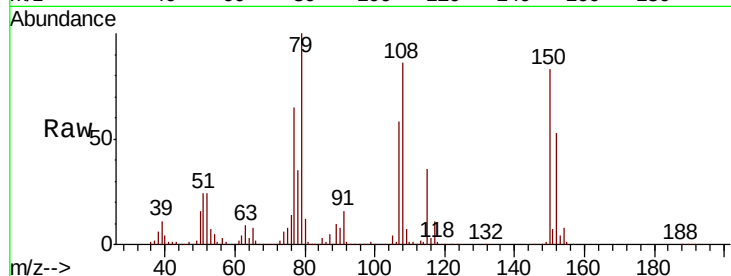
Tot Ion: 79 Resp: 513280

Ion Ratio Lower Upper

79 100

108 86.1 68.7 103.1

77 65.2 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.834 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

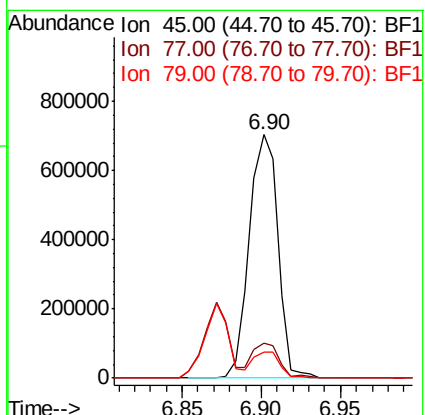
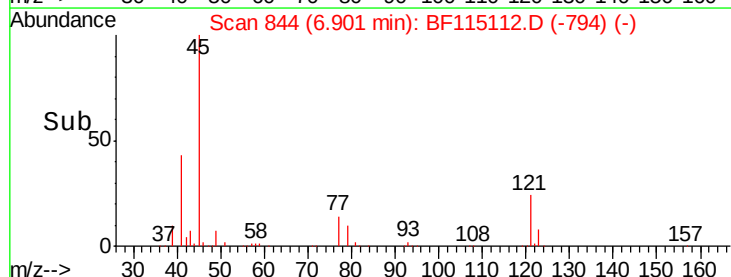
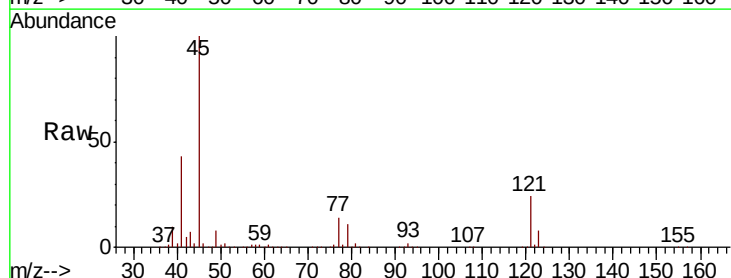
Tgt Ion: 45 Resp: 886438

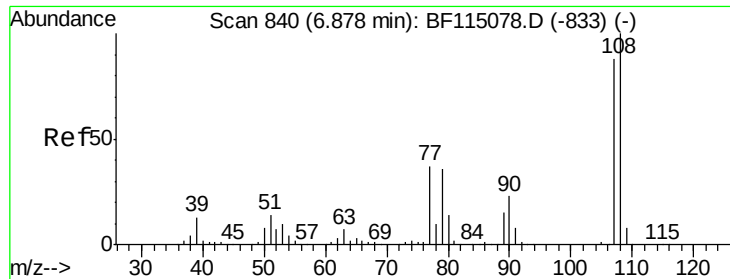
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

79 10.7 0.0 31.2





#17

2-Methylphenol

Concen: 40.190 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 532716

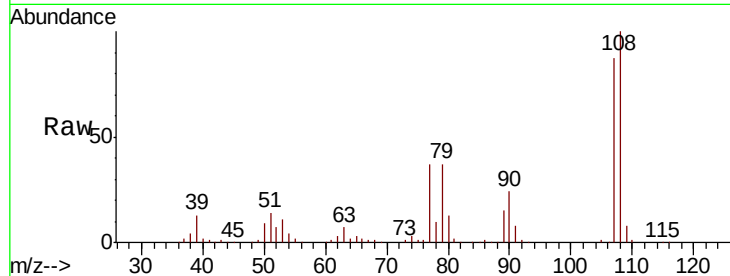
Ion Ratio Lower Upper

107 100

108 114.5 90.9 136.3

77 42.9 33.4 50.2

79 42.2 32.3 48.5

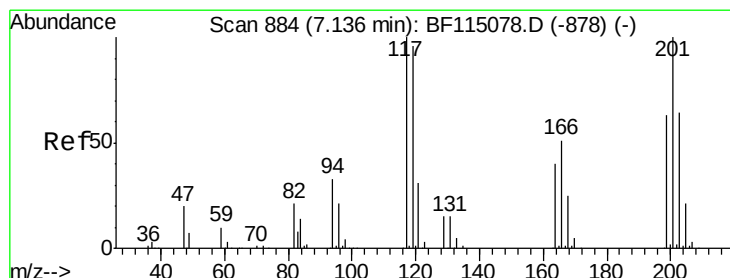
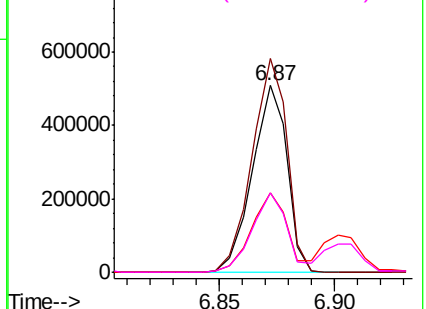
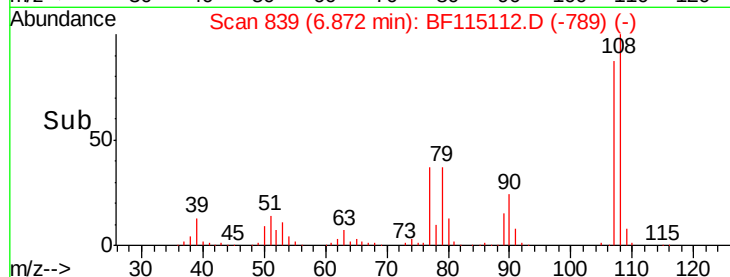


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.134 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

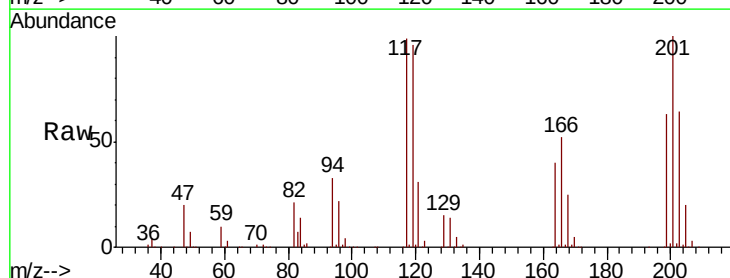
Tgt Ion:117 Resp: 265024

Ion Ratio Lower Upper

117 100

119 96.4 76.6 114.8

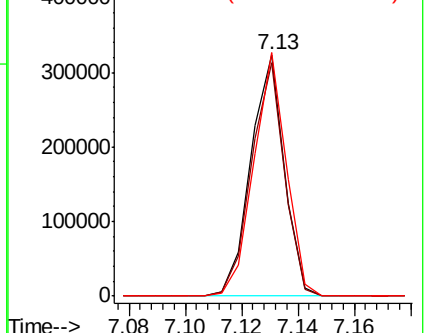
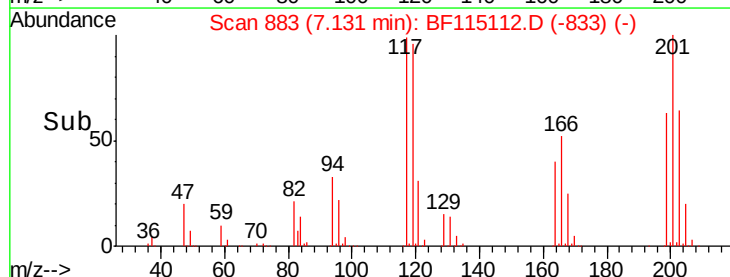
201 100.8 80.2 120.2

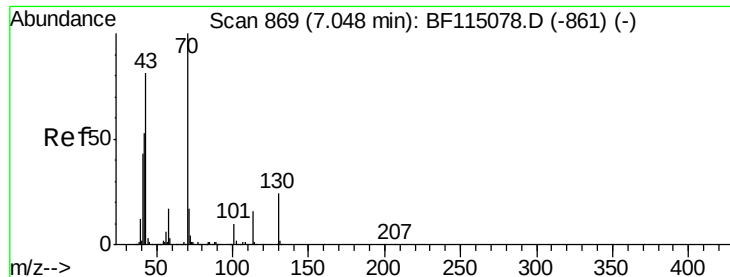


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

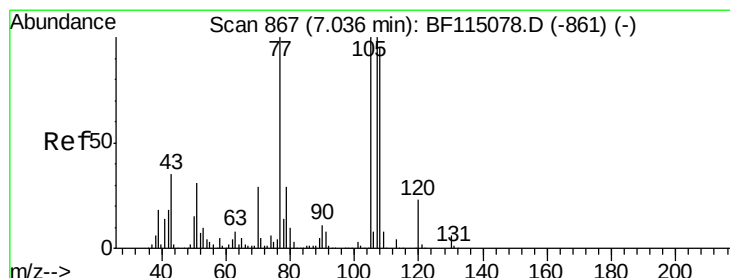
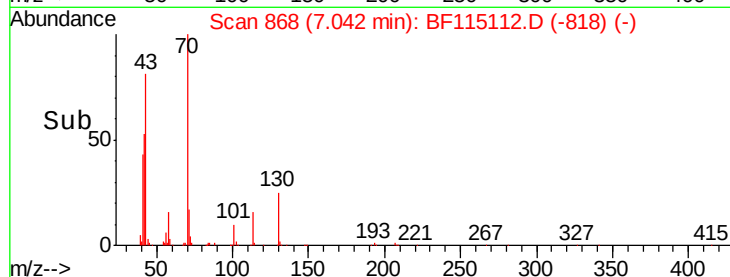
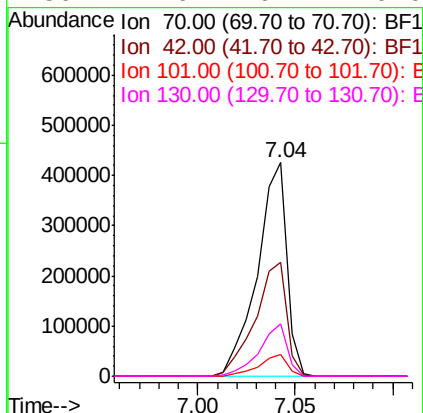
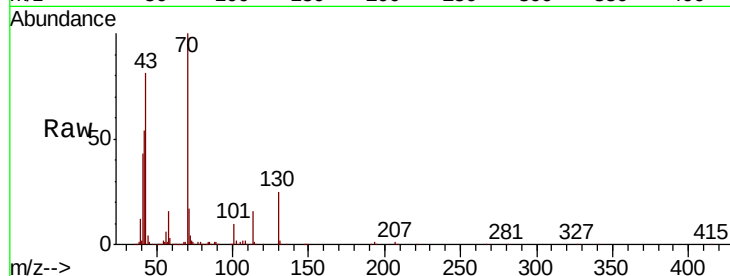




#19
n-Nitroso-di-n-propylamine
Concen: 40.339 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

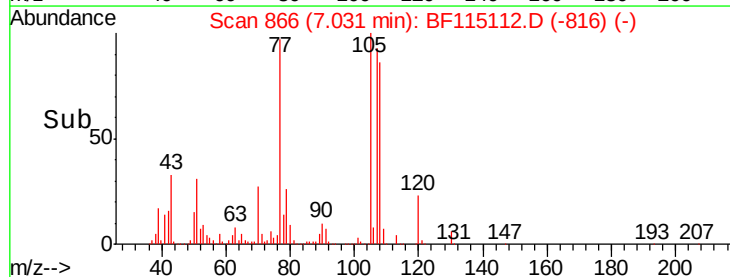
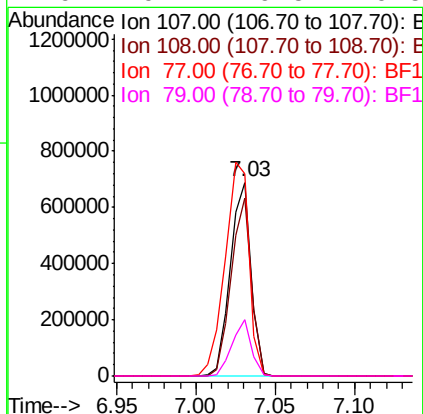
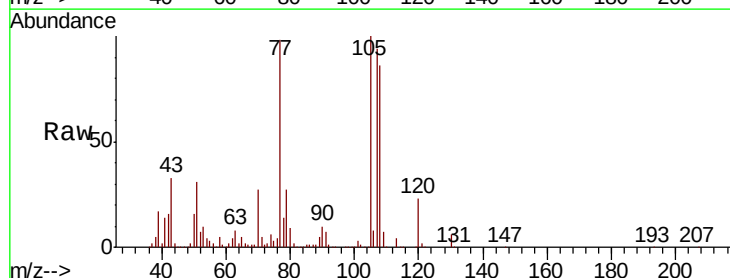
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

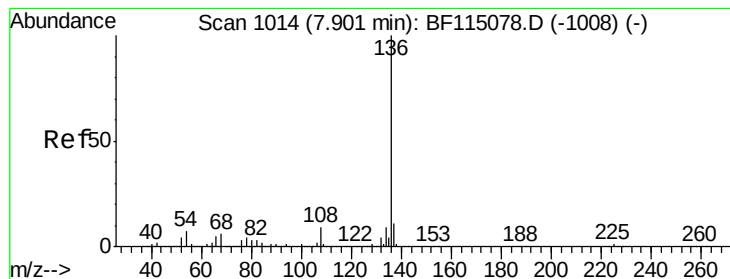
Tot Ion:	70	Resp:	447661
Ion	Ratio	Lower	Upper
70	100		
42	53.6	42.6	63.8
101	10.0	8.0	12.0
130	24.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 40.881 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:	107	Resp:	625690
Ion	Ratio	Lower	Upper
107	100		
108	92.3	75.5	115.5
77	104.7	80.2	120.2
79	29.2	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 898745

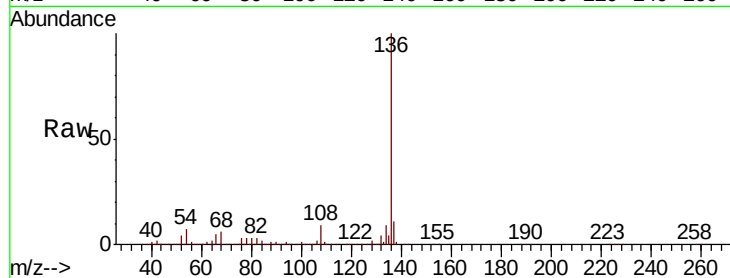
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 5.6 8.4

68 6.0 4.8 7.2

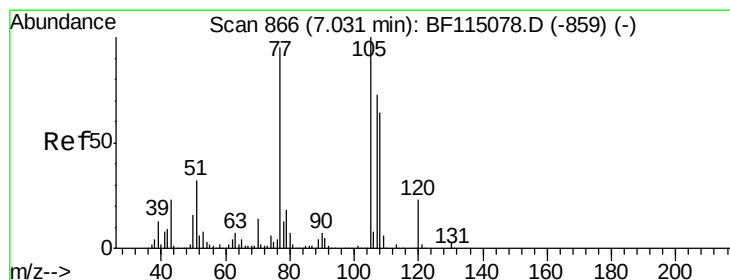
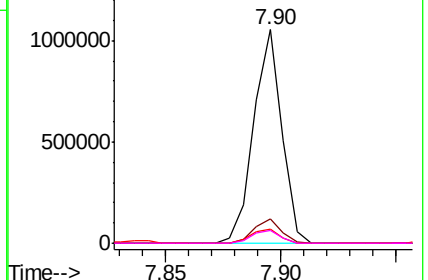
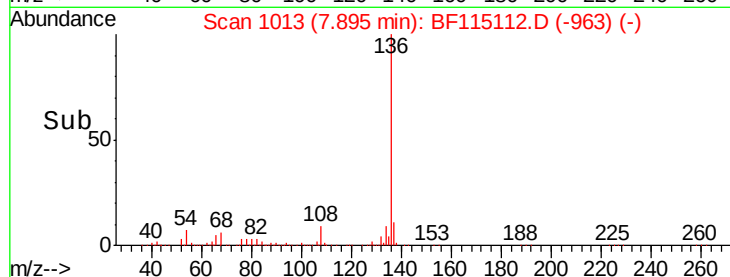


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.813 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Tgt Ion:105 Resp: 839728

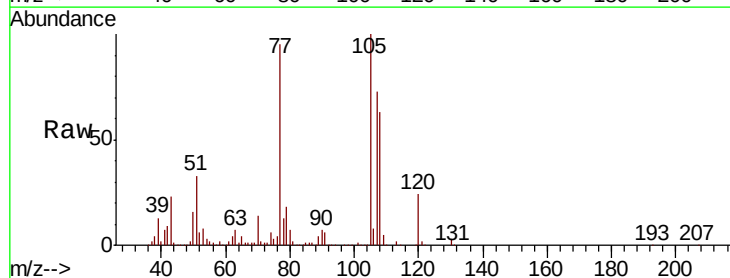
Ion Ratio Lower Upper

105 100

71 2.5 1.9 2.9

51 33.0 25.8 38.8

120 23.5 18.5 27.7

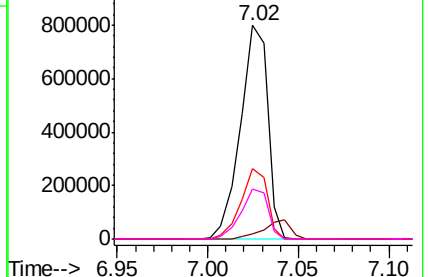
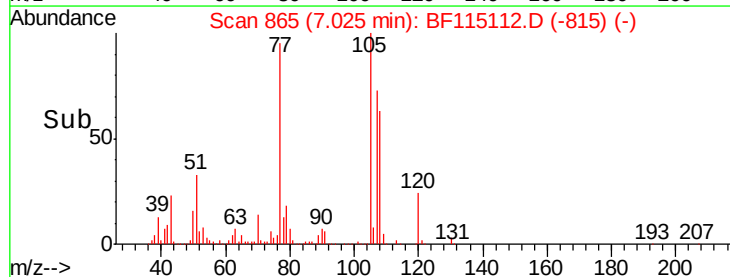


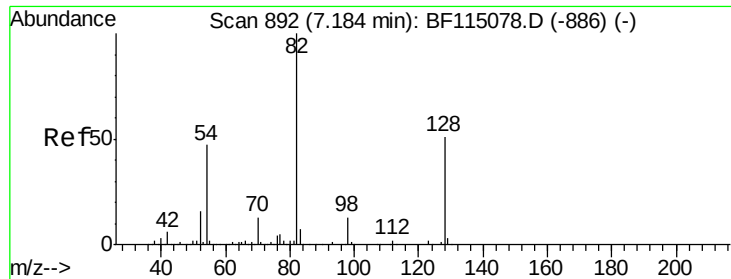
Abundance Ion 105.00 (104.70 to 105.70): E

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

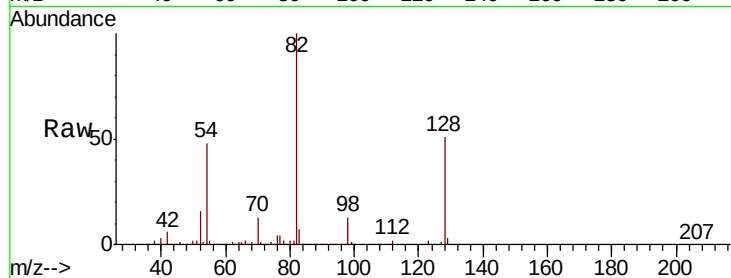




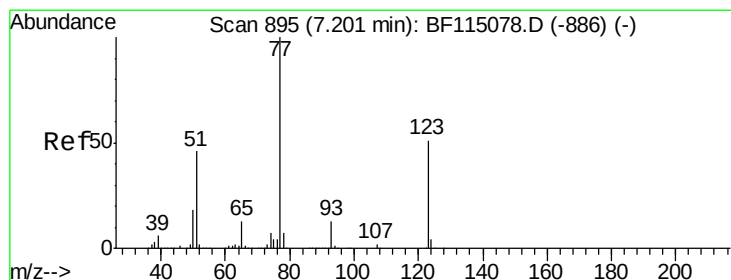
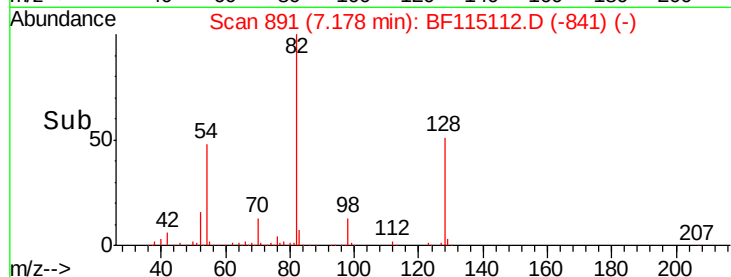
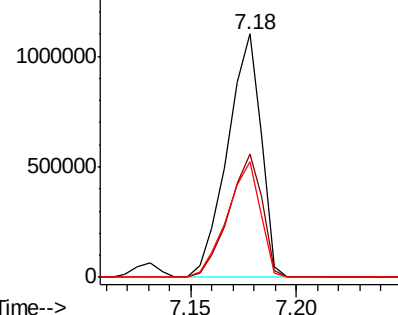
#23
Nitrobenzene-d5
Concen: 83.393 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1218384
Ion Ratio Lower Upper
82 100
128 50.8 40.4 60.6
54 47.7 37.5 56.3

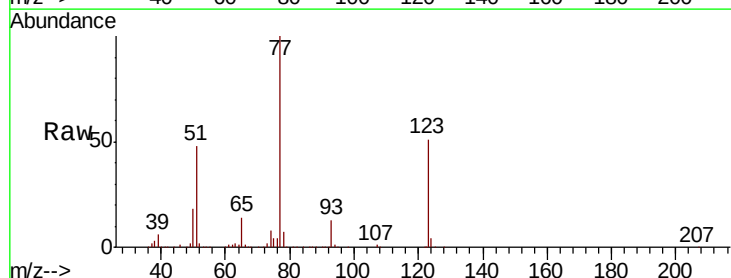


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

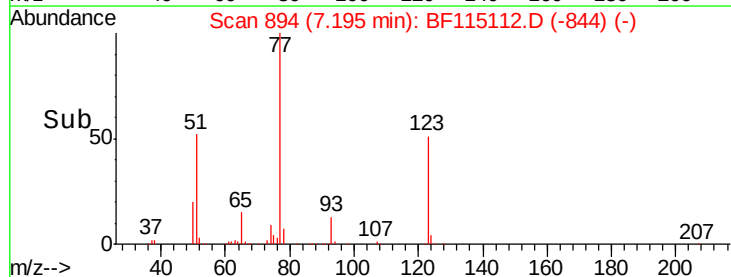
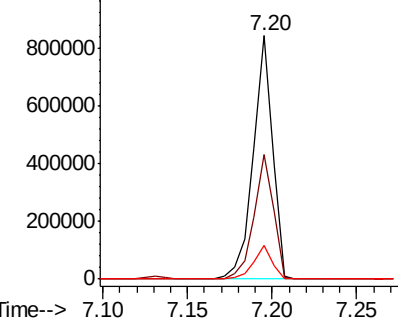


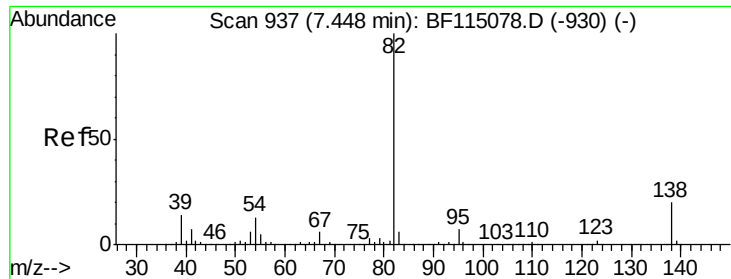
#24
Nitrobenzene
Concen: 41.490 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion: 77 Resp: 667808
Ion Ratio Lower Upper
77 100
123 51.0 41.0 61.6
65 13.6 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.376 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

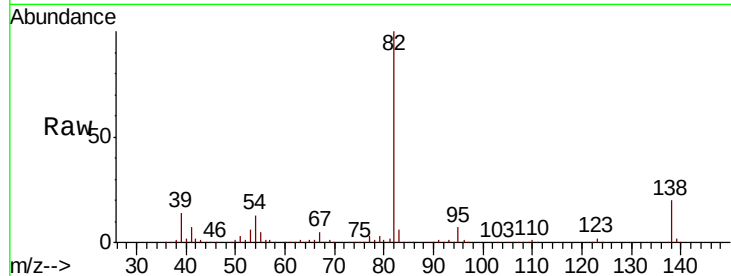
Tot Ion: 82 Resp: 1208422

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

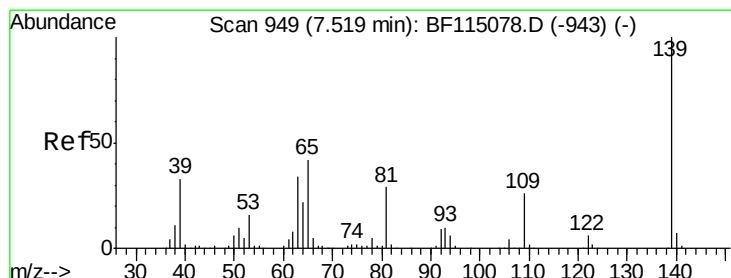
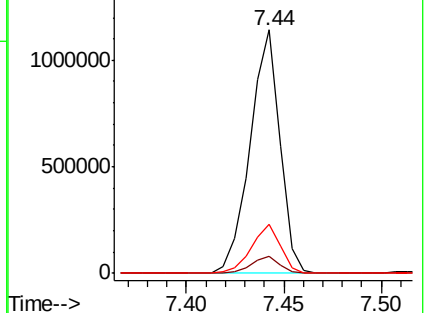
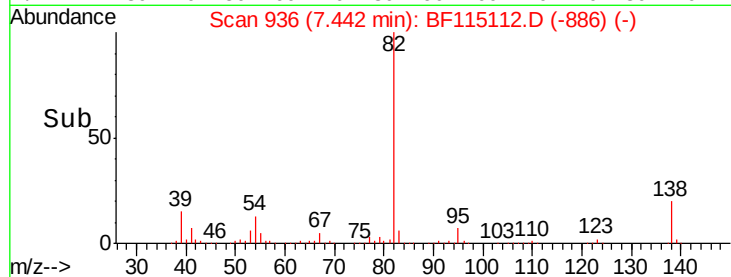
138 20.3 15.9 23.9



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: 43.586 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

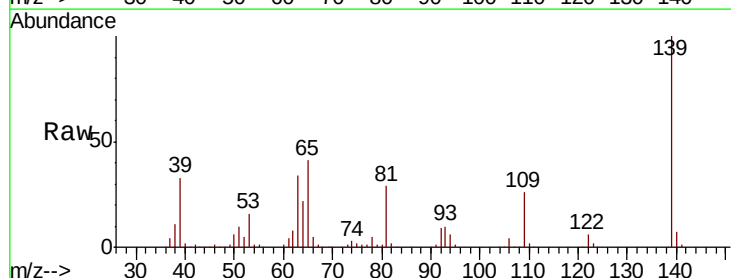
Tgt Ion: 139 Resp: 346456

Ion Ratio Lower Upper

139 100

109 25.6 20.4 30.6

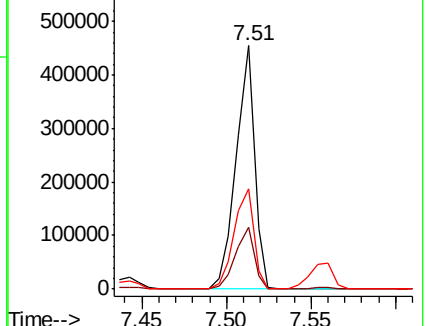
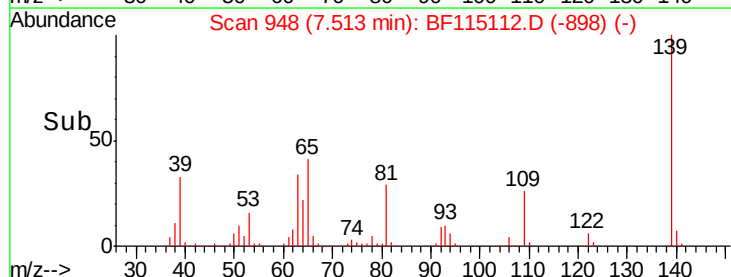
65 41.1 33.6 50.4

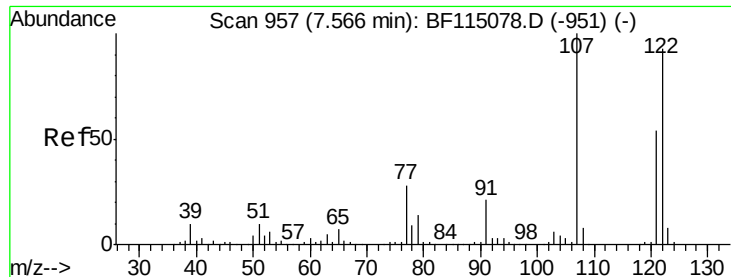


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

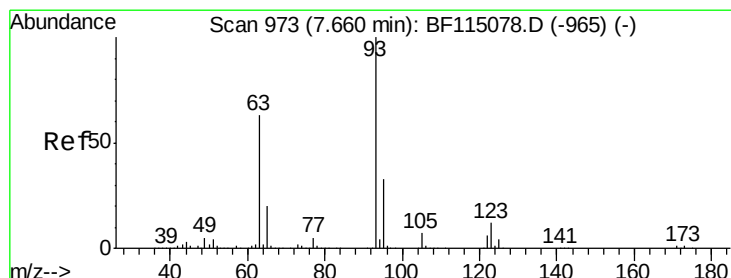
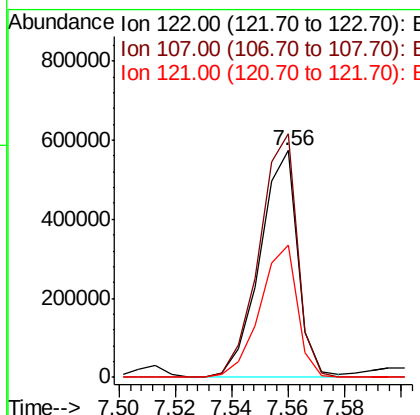
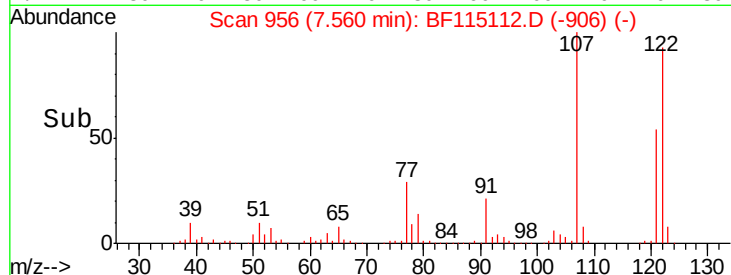
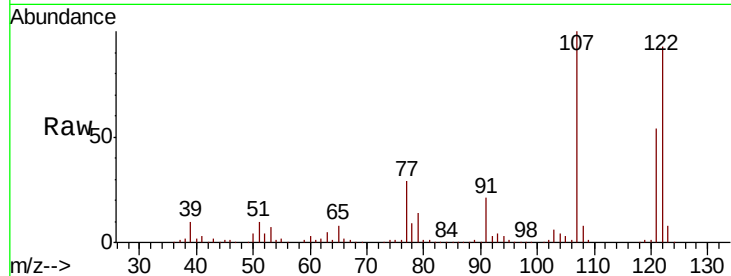




#27
 2,4-Dimethylphenol
 Concen: 41.207 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

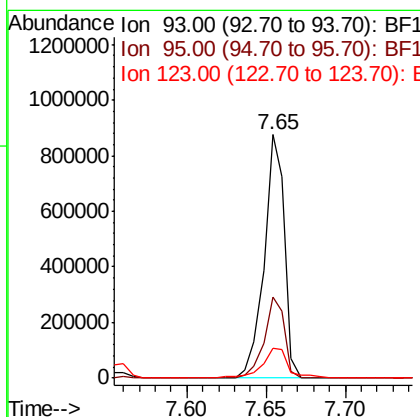
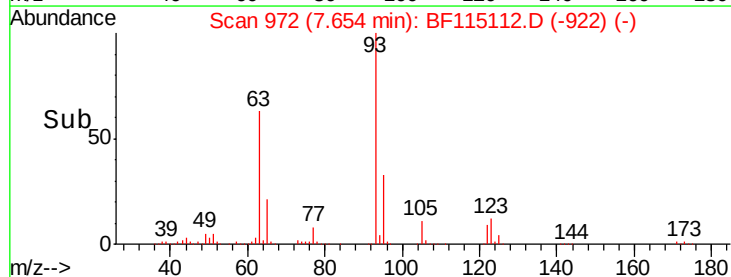
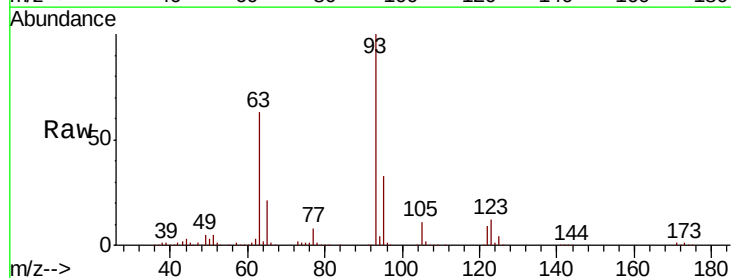
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

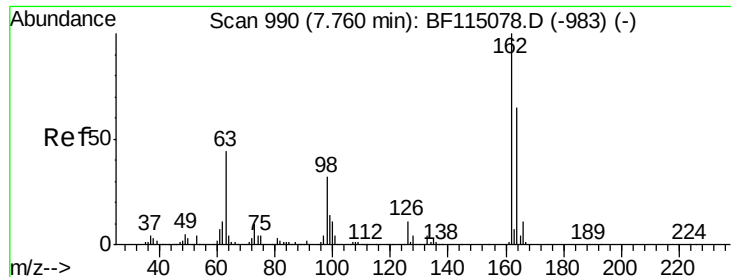
Tot Ion:122 Resp: 536290
 Ion Ratio Lower Upper
 122 100
 107 107.4 85.8 128.6
 121 58.2 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.513 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion: 93 Resp: 785281
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 12.4 9.7 14.5

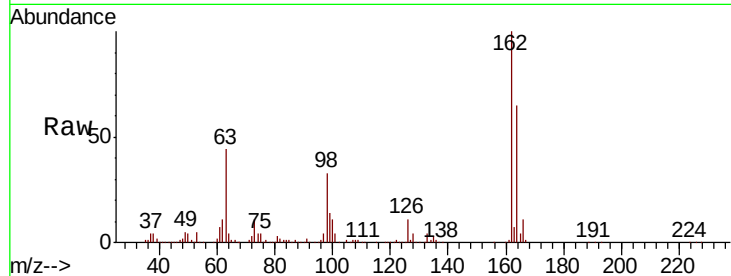




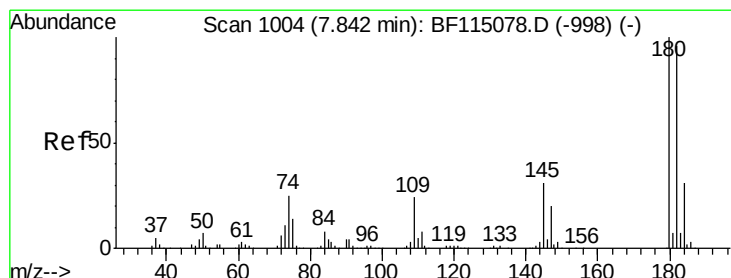
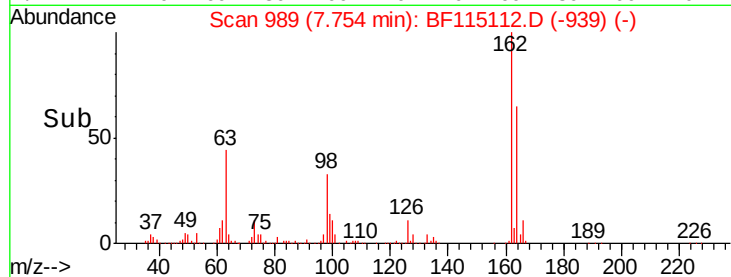
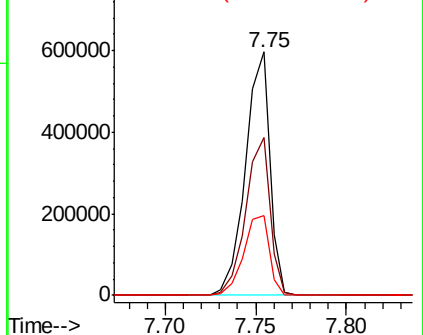
#29
2,4-Dichlorophenol
Concen: 41.623 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.3	85.3
98	32.9	12.5	52.5

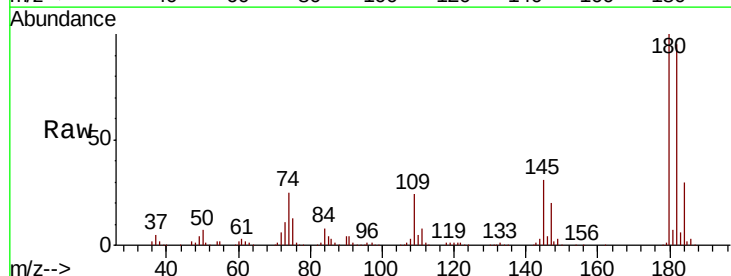


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

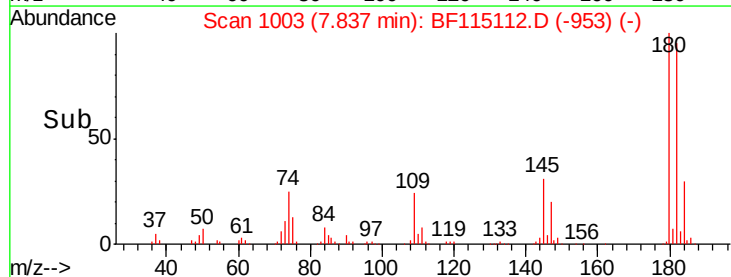
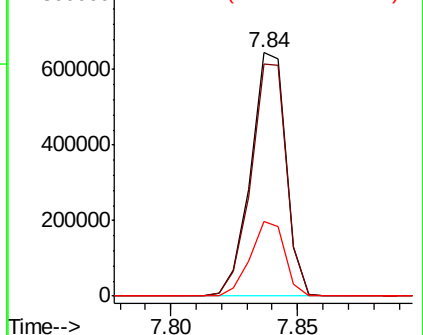


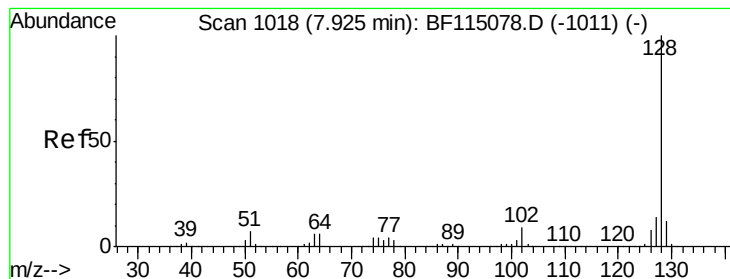
#30
1,2,4-Trichlorobenzene
Concen: 42.131 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	30.6	24.8	37.2



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





#31

Naphthalene

Concen: 42.097 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

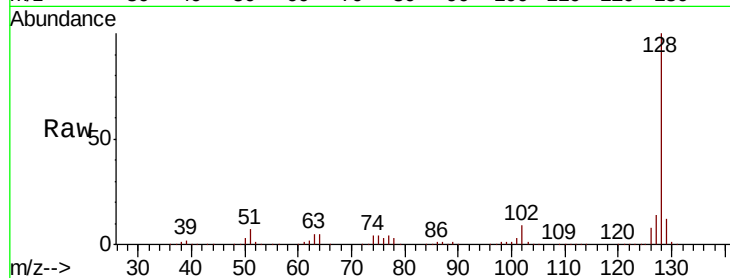
Tot Ion:128 Resp: 1857190

Ion Ratio Lower Upper

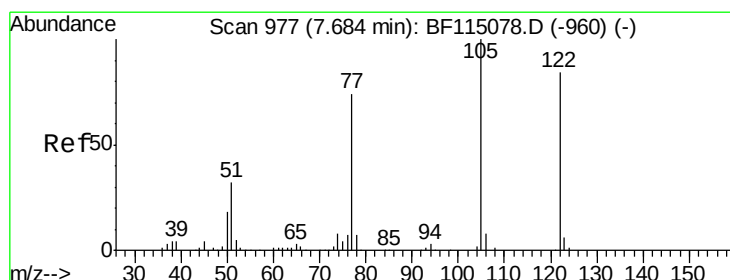
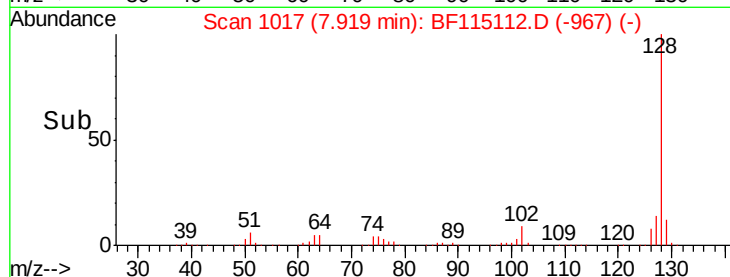
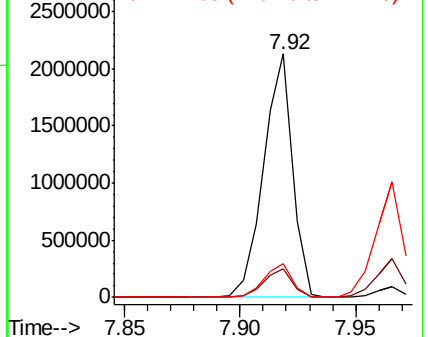
128 100

129 11.8 9.6 14.4

127 14.1 11.4 17.0



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: 37.387 ng

RT: 7.68 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

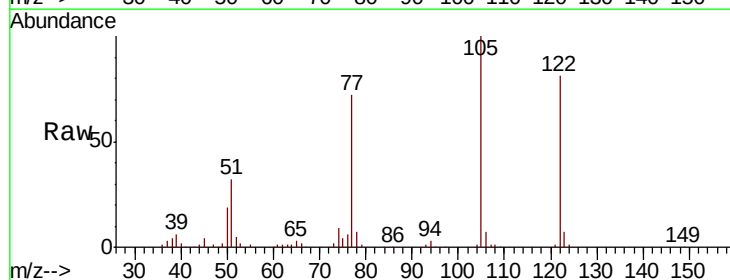
Tgt Ion:122 Resp: 347322

Ion Ratio Lower Upper

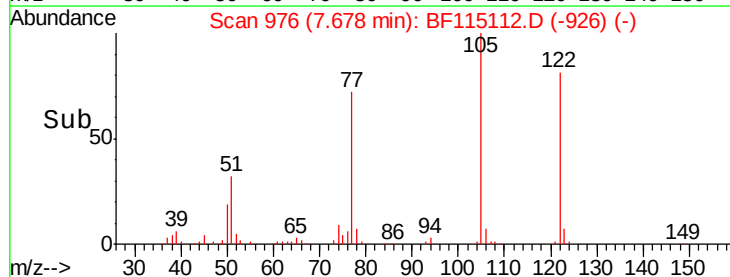
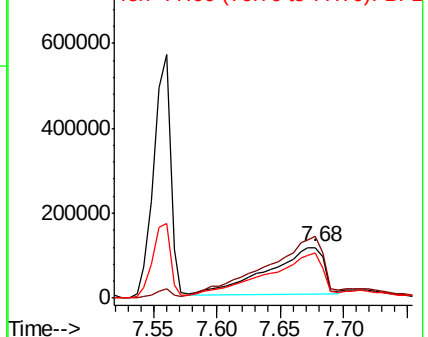
122 100

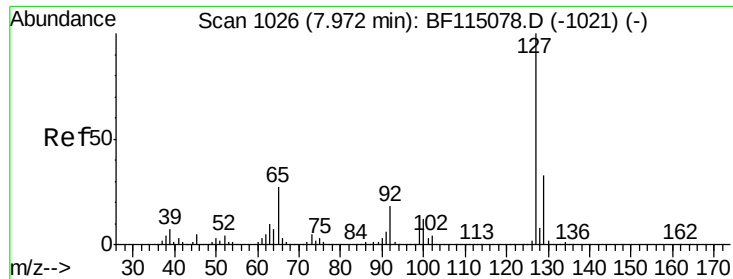
105 122.9 98.2 138.2

77 88.2 67.0 107.0



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

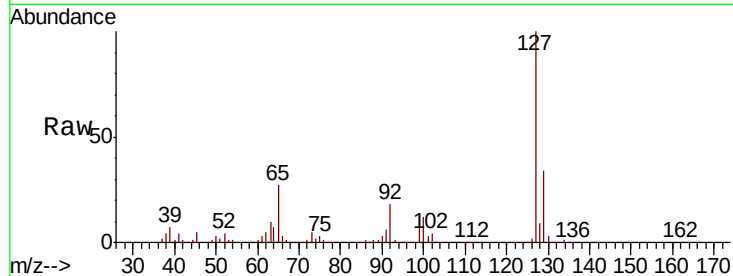




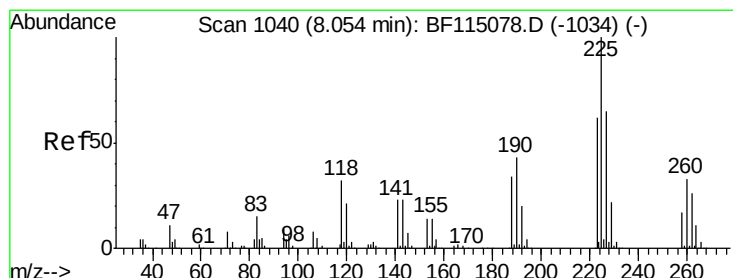
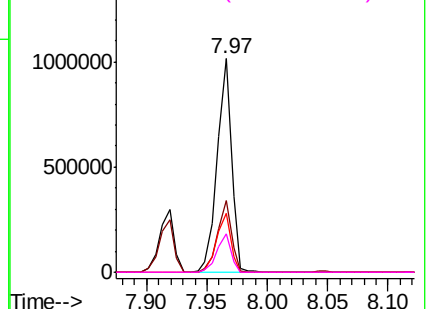
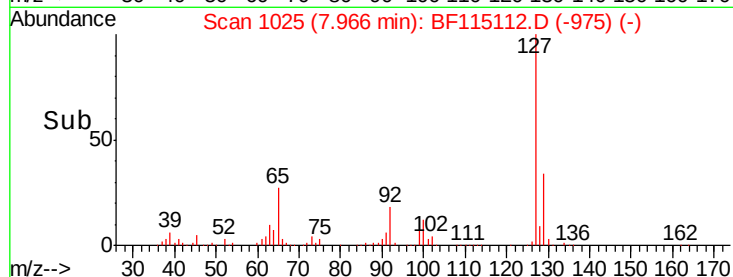
#33
4-Chloroaniline
Concen: 41.002 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	826695
Ion Ratio	Lower	Upper
127	100	
129	33.7	26.1 39.1
65	27.5	21.4 32.2
92	17.9	14.1 21.1

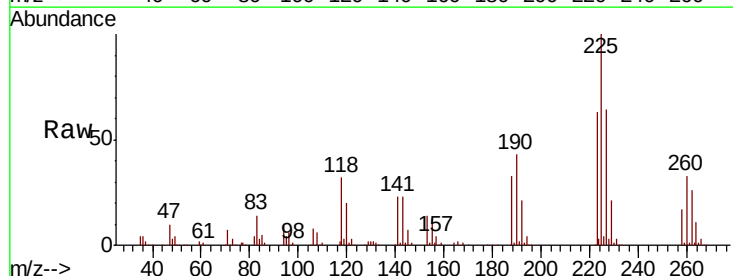


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

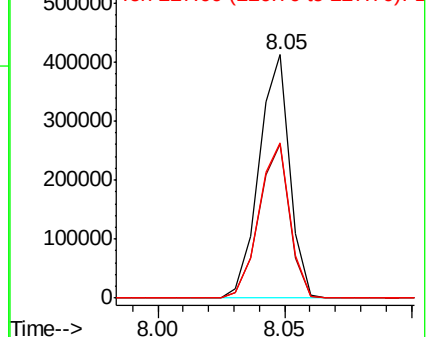
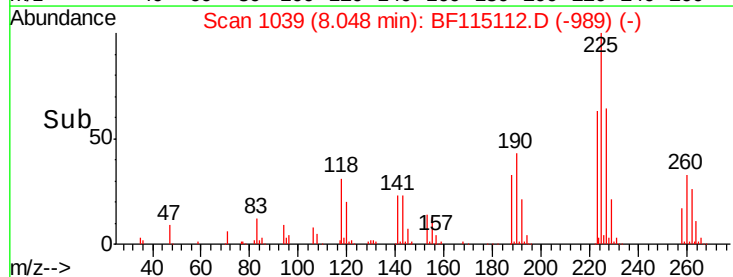


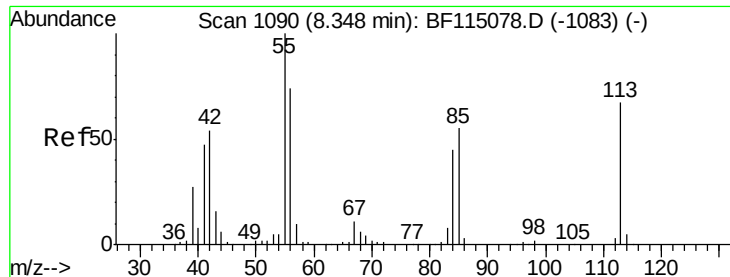
#34
Hexachlorobutadiene
Concen: 42.617 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:225	Resp:	346465
Ion Ratio	Lower	Upper
225	100	
223	63.2	49.4 74.2
227	63.8	51.8 77.8



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

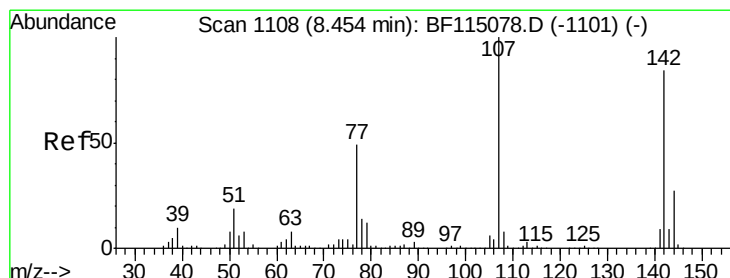
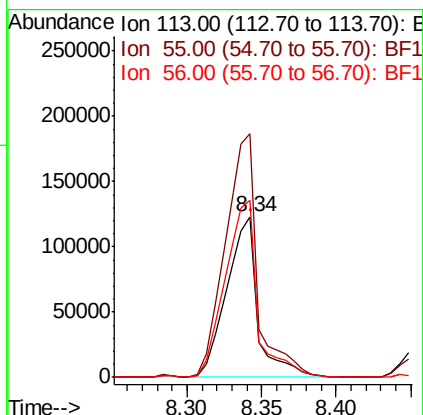
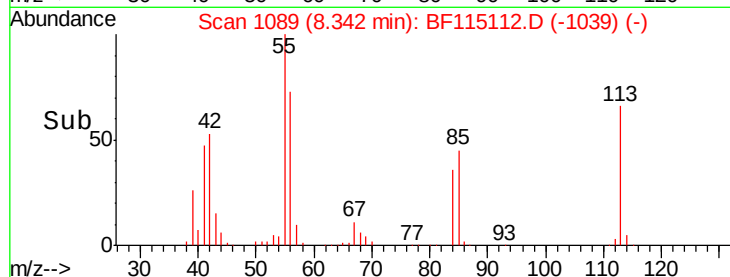
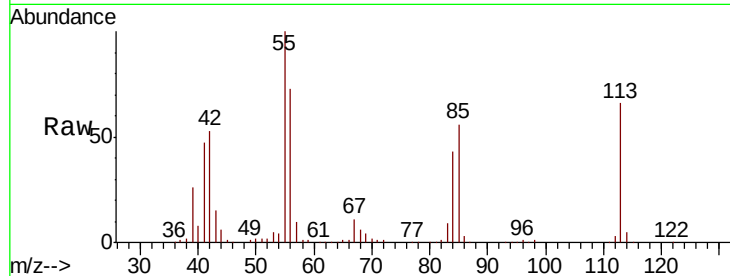




#35
 Caprolactam
 Concen: 39.806 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

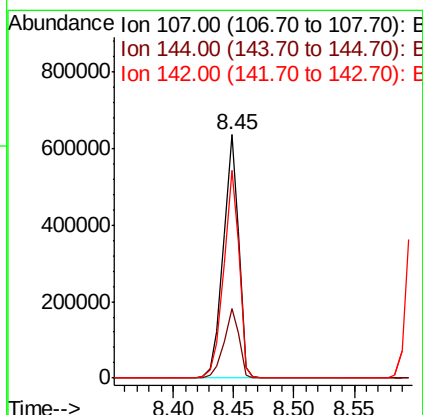
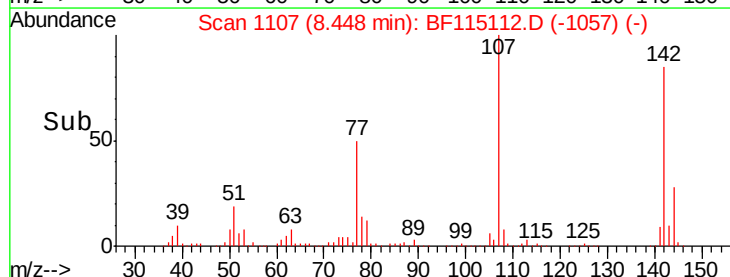
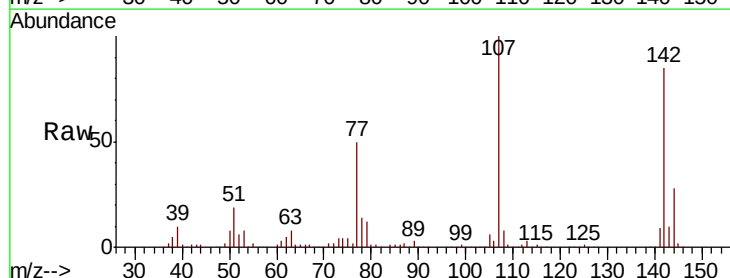
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

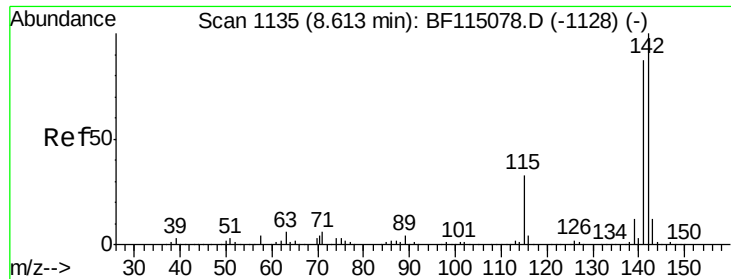
Tot Ion:113 Resp: 179745
 Ion Ratio Lower Upper
 113 100
 55 151.6 130.2 170.2
 56 110.6 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.134 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:107 Resp: 559486
 Ion Ratio Lower Upper
 107 100
 144 28.4 21.7 32.5
 142 85.4 67.0 100.4

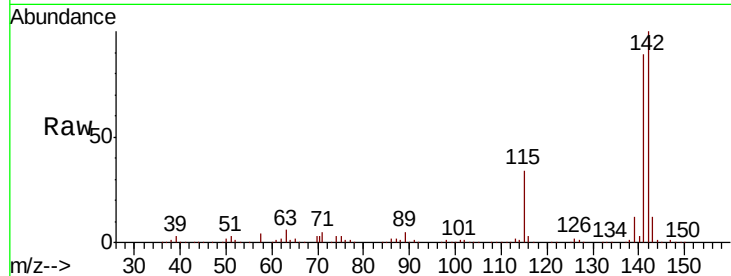




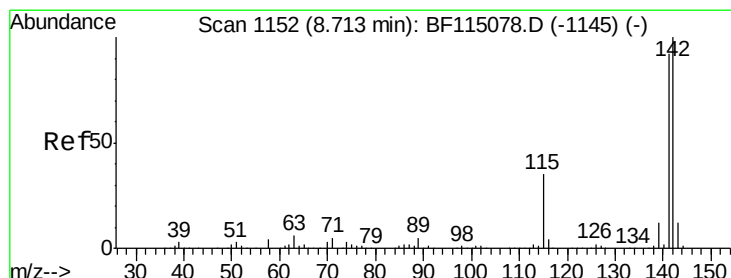
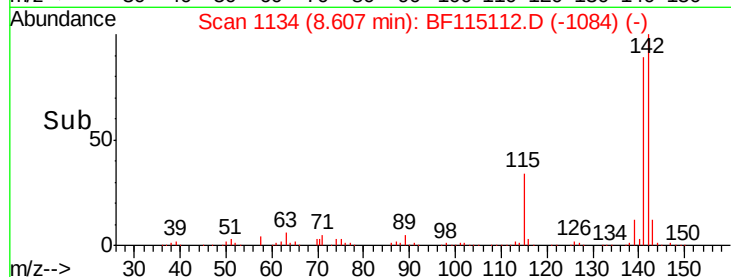
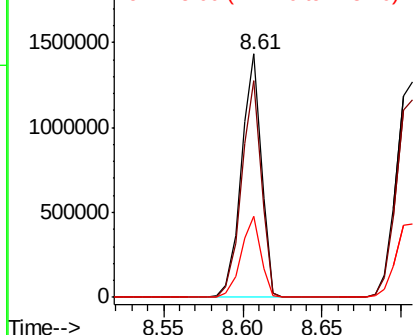
#37
2-Methylnaphthalene
Concen: 41.796 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1243265
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6
115 33.5 26.7 40.1

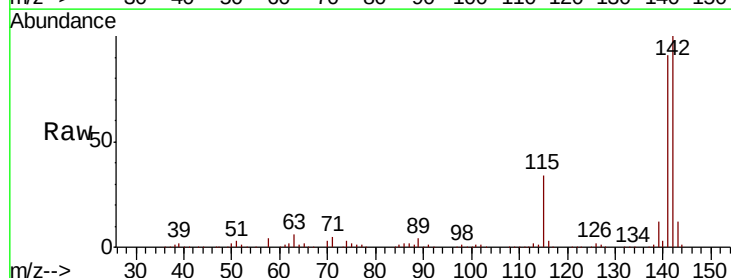


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

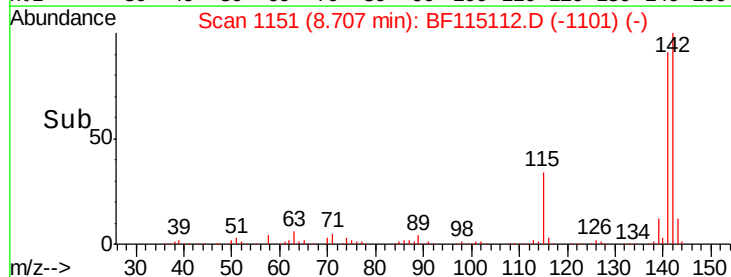
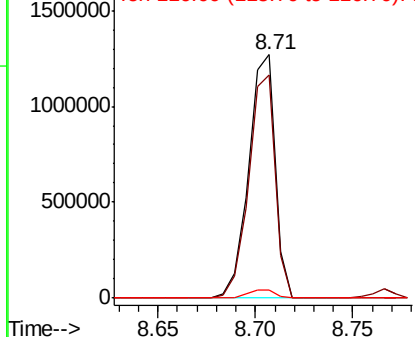


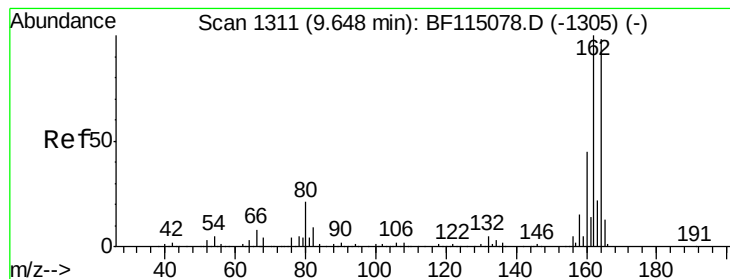
#38
1-Methylnaphthalene
Concen: 41.936 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:142 Resp: 1191394
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8
116 3.5 2.8 4.2



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: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

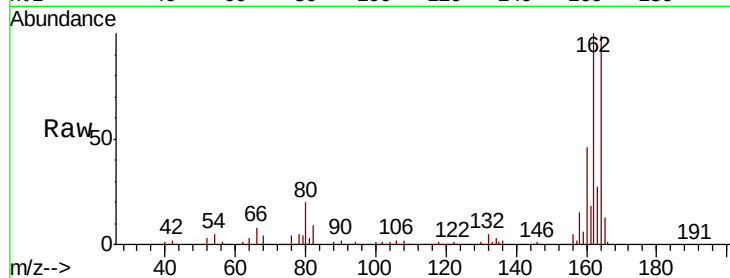
Tot Ion:164 Resp: 445057

Ion Ratio Lower Upper

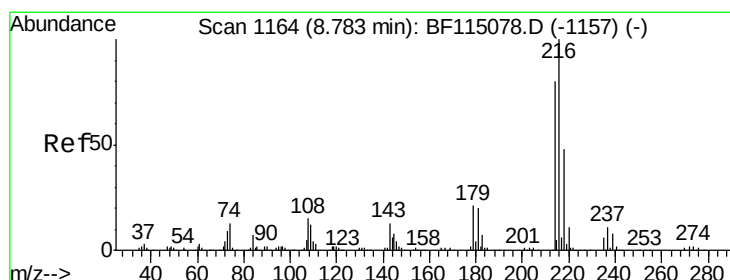
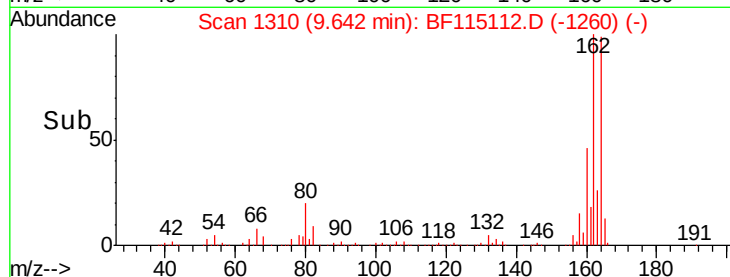
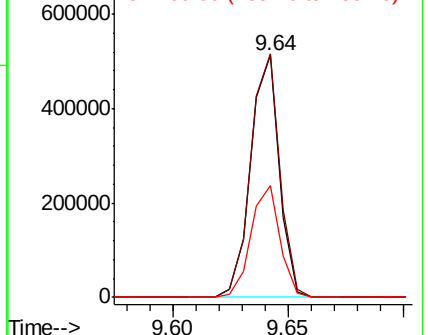
164 100

162 100.5 81.7 122.5

160 46.1 37.0 55.4



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: 42.460 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Tgt Ion:216 Resp: 534003

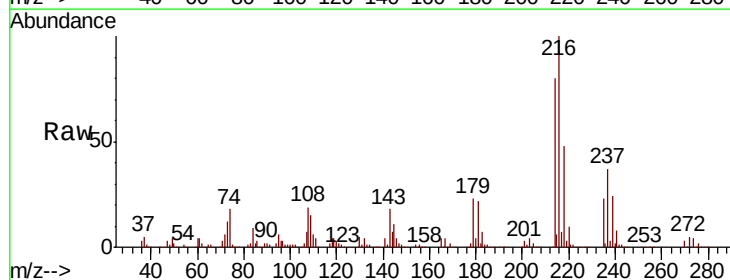
Ion Ratio Lower Upper

216 100

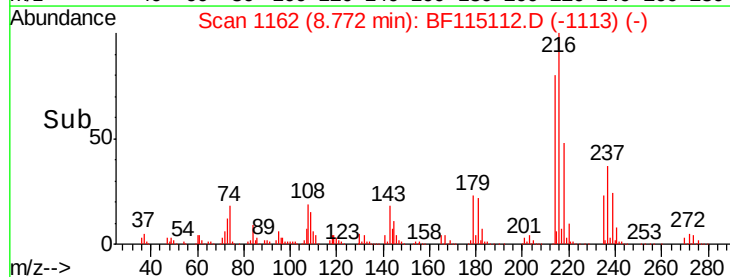
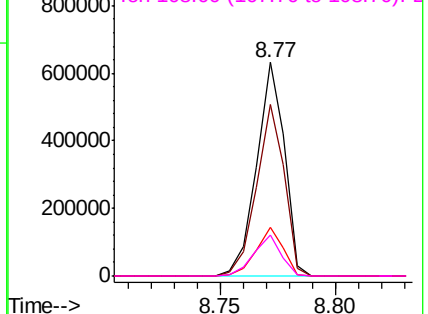
214 79.9 63.8 95.6

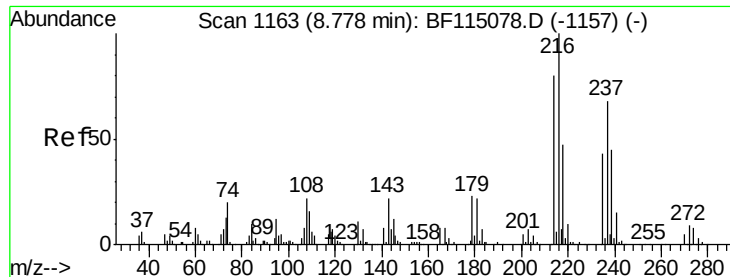
179 22.2 17.6 26.4

108 19.4 15.7 23.5



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: 38.801 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

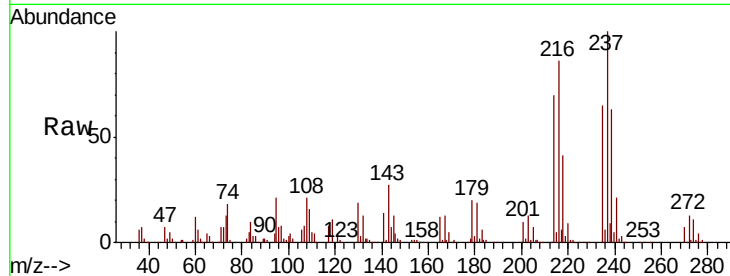
Tot Ion:237 Resp: 289359

Ion Ratio Lower Upper

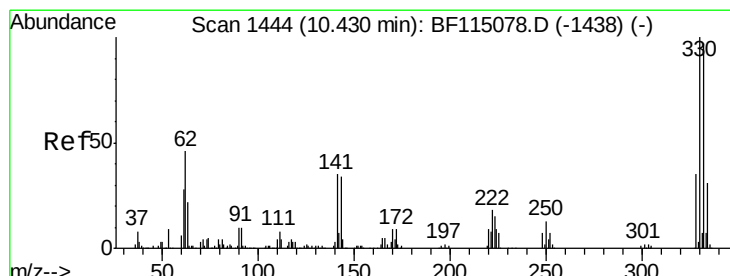
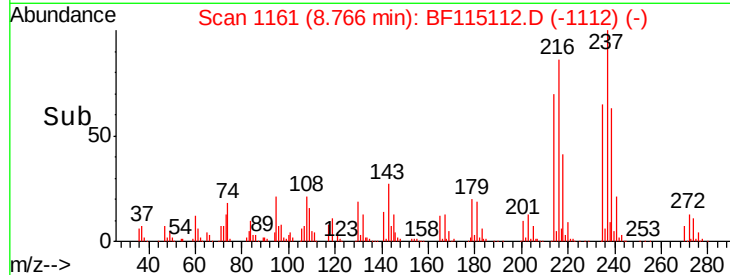
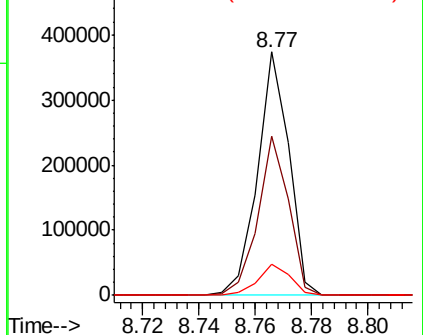
237 100

235 65.4 43.9 83.9

272 12.9 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 86.295 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

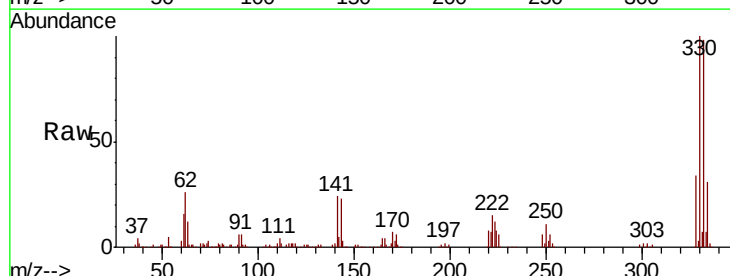
Tgt Ion:330 Resp: 405008

Ion Ratio Lower Upper

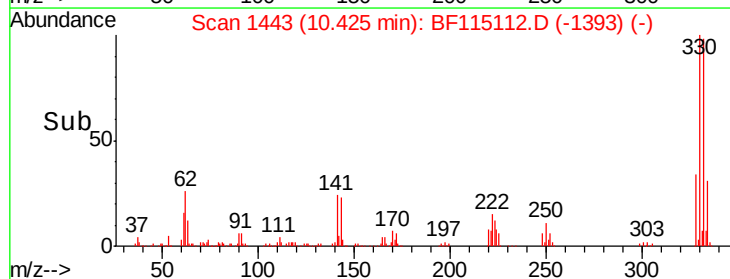
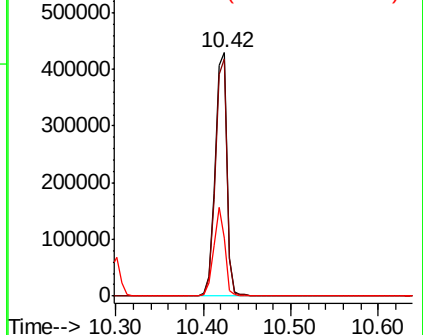
330 100

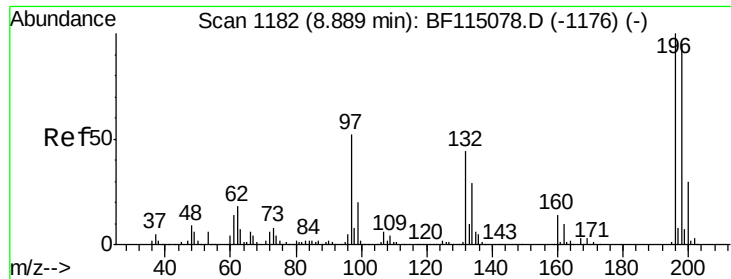
332 96.0 77.3 115.9

141 33.9 28.2 42.2



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

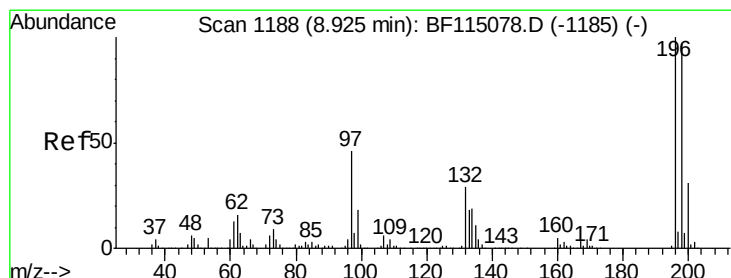
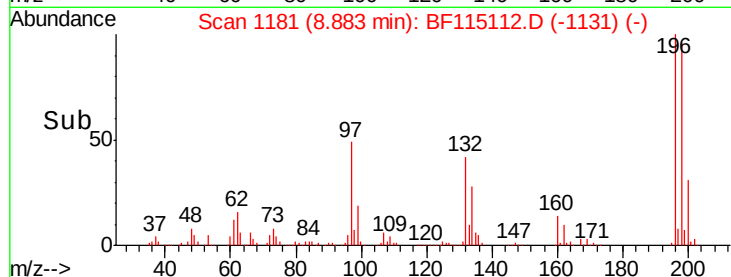
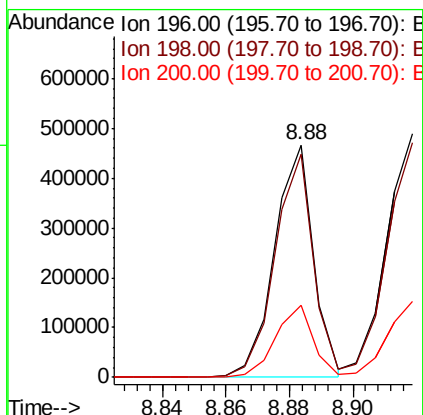
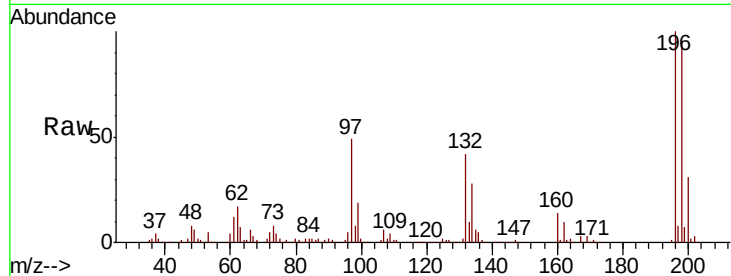




#43
 2,4,6-Trichlorophenol
 Concen: 41.077 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

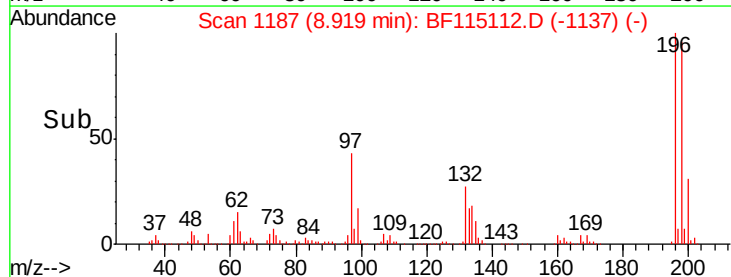
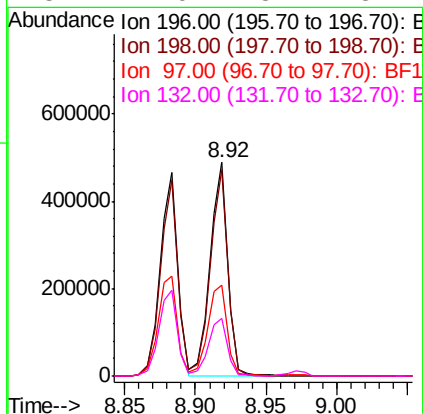
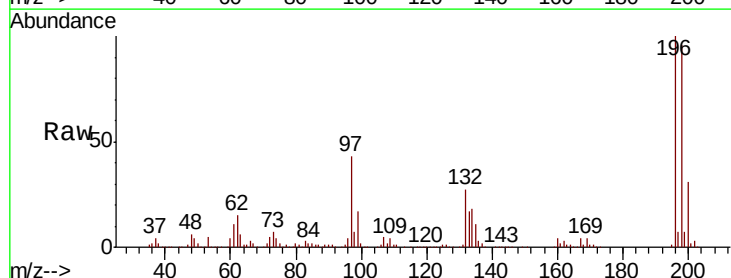
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

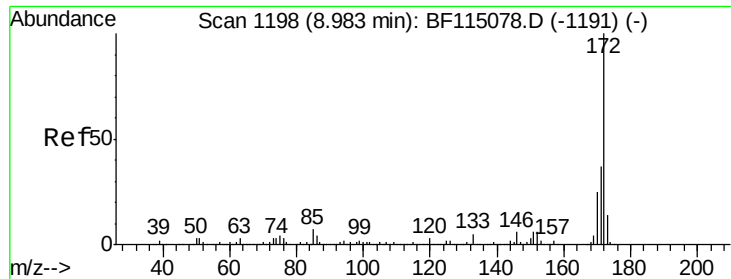
Tot Ion:196 Resp: 398834
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 30.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.209 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:196 Resp: 422043
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 97 42.8 37.7 56.5
 132 27.0 23.1 34.7

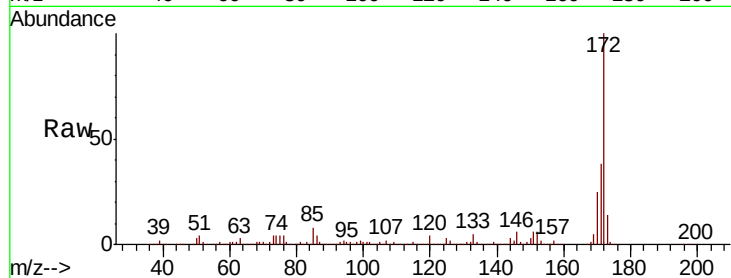




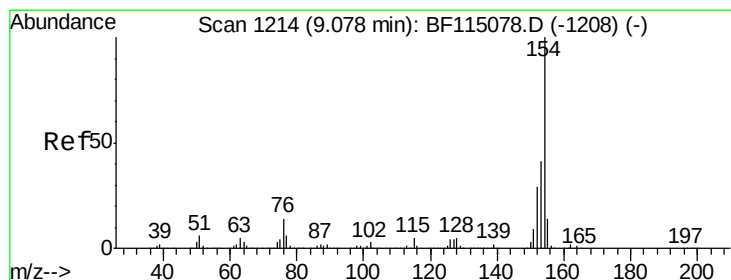
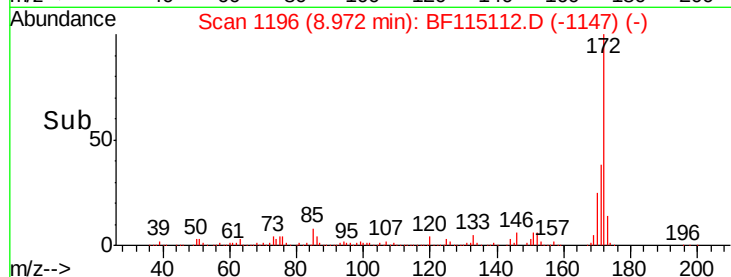
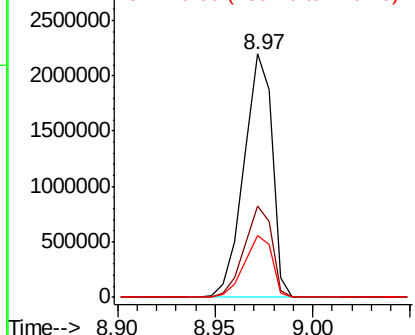
#45
2-Fluorobiphenyl
Concen: 84.307 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2208922
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.5 20.3 30.5

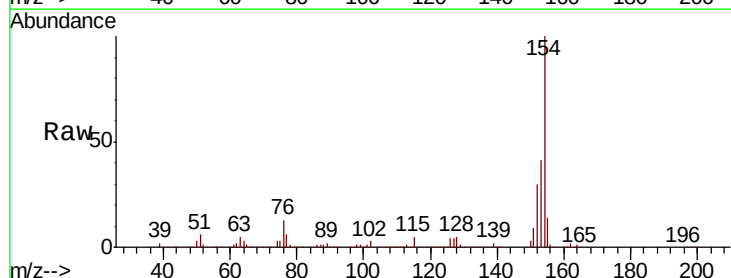


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

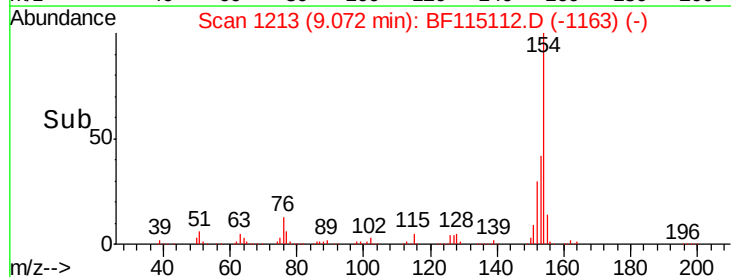
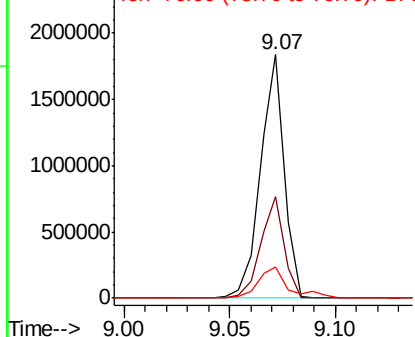


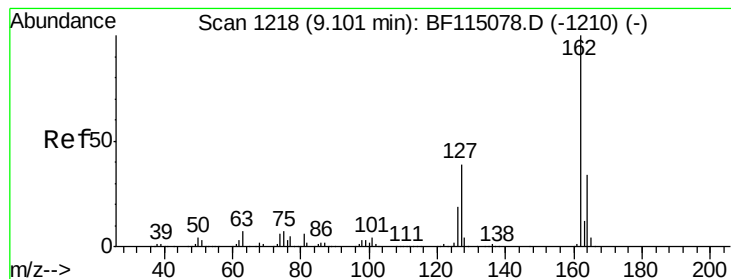
#46
1,1'-Biphenyl
Concen: 40.321 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:154 Resp: 1435875
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 13.0 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
2500000 Ion 153.00 (152.70 to 153.70): E
2000000 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.961 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

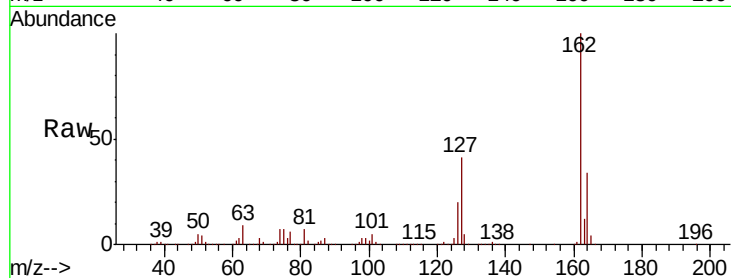
Tot Ion:162 Resp: 1212080

Ion Ratio Lower Upper

162 100

127 40.8 30.8 46.2

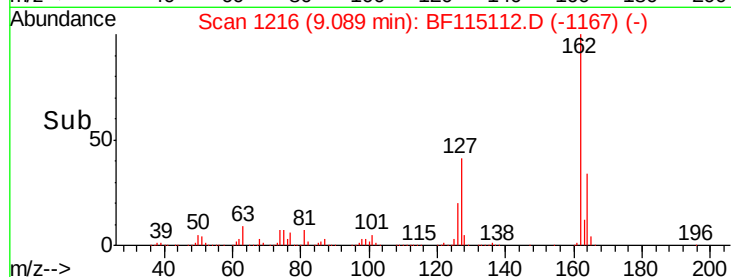
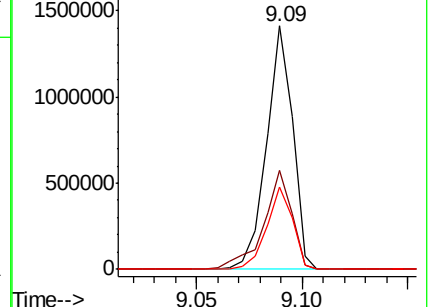
164 33.9 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.053 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

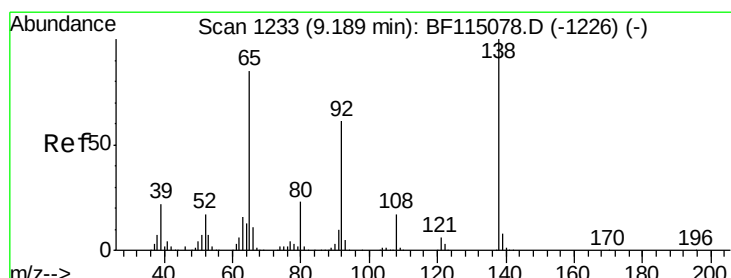
Tgt Ion: 65 Resp: 354145

Ion Ratio Lower Upper

65 100

92 74.4 57.4 86.2

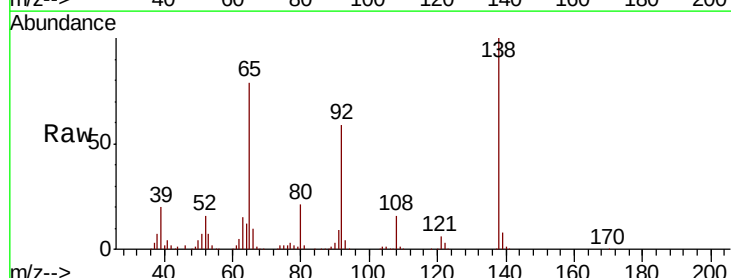
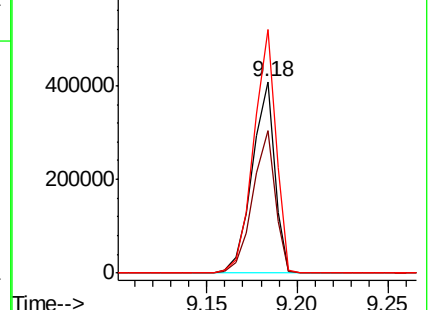
138 127.2 94.1 141.1

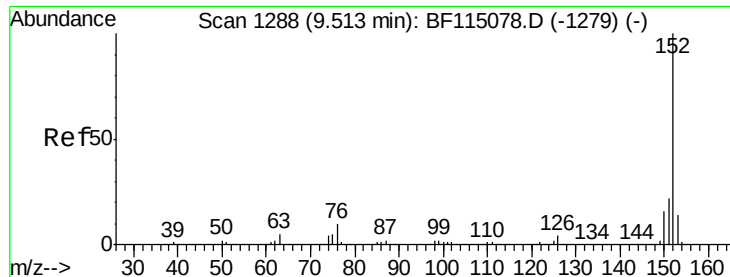


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.739 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

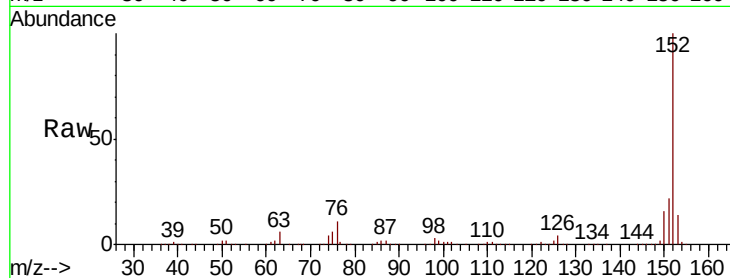
Tot Ion:152 Resp: 1878473

Ion Ratio Lower Upper

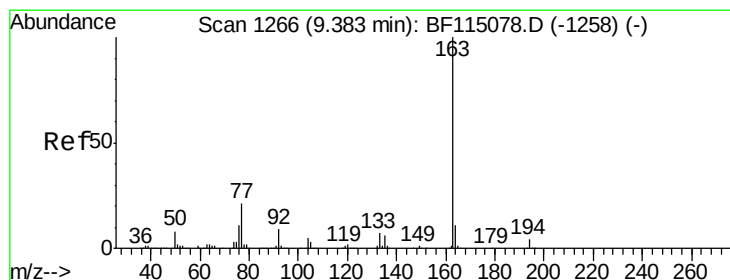
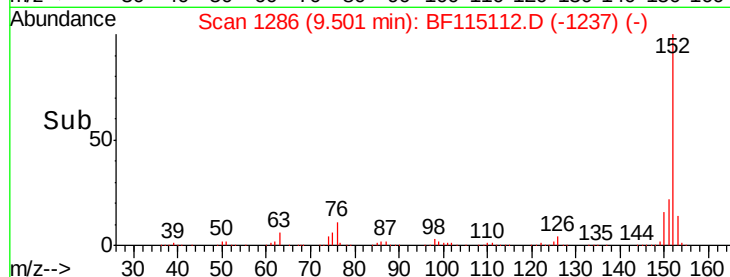
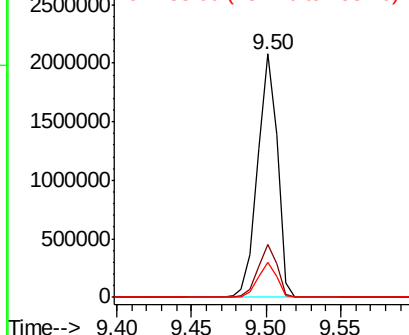
152 100

151 21.5 17.2 25.8

153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.382 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

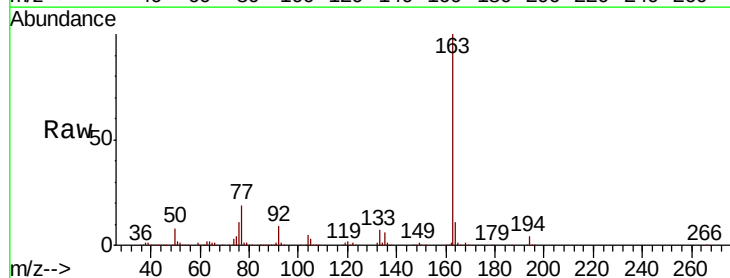
Tgt Ion:163 Resp: 1354997

Ion Ratio Lower Upper

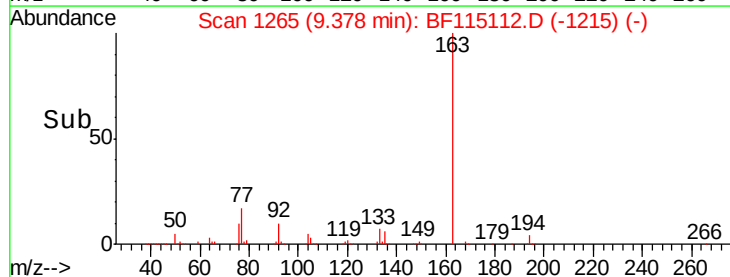
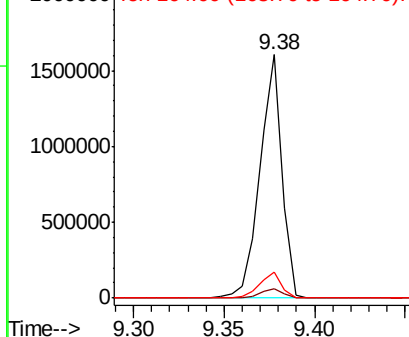
163 100

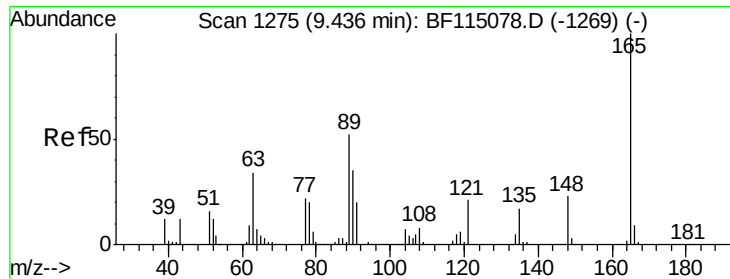
194 4.1 3.2 4.8

164 10.6 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 41.972 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

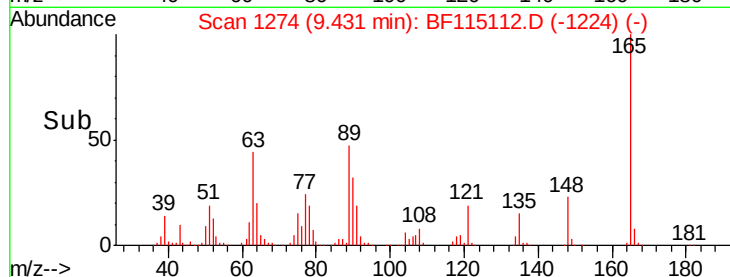
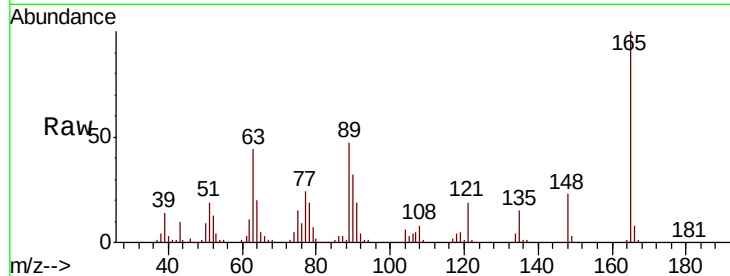
Tot Ion:165 Resp: 317289

Ion Ratio Lower Upper

165 100

63 43.8 39.4 59.2

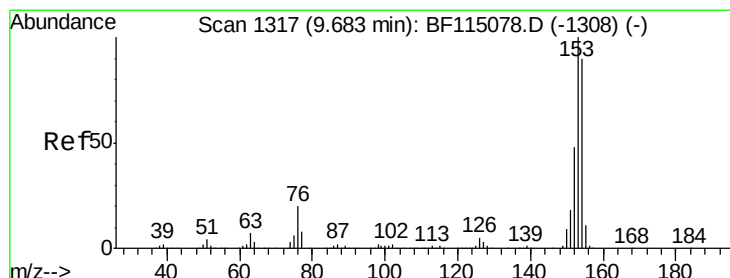
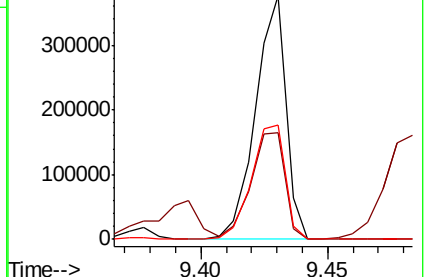
89 47.1 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.557 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

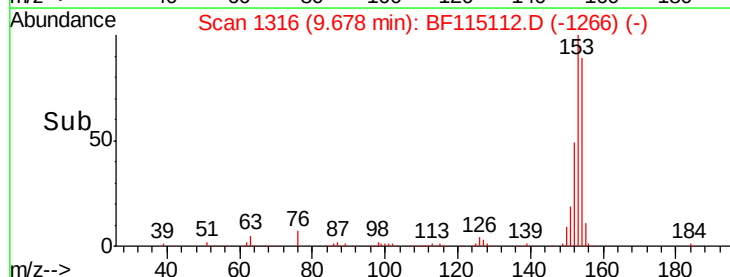
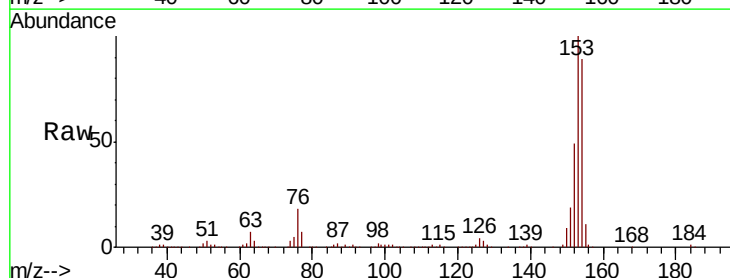
Tgt Ion:154 Resp: 1170329

Ion Ratio Lower Upper

154 100

153 111.9 88.7 133.1

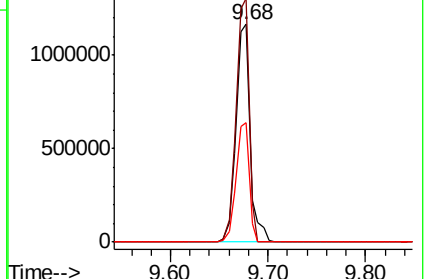
152 55.0 42.6 64.0

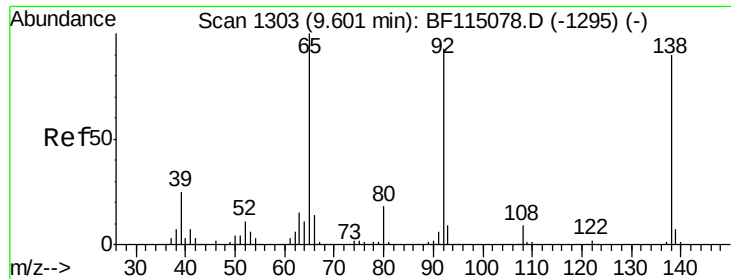


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

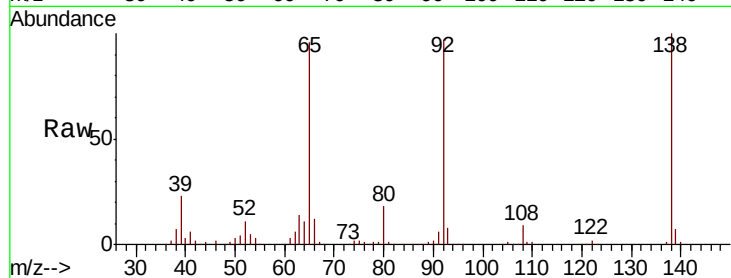




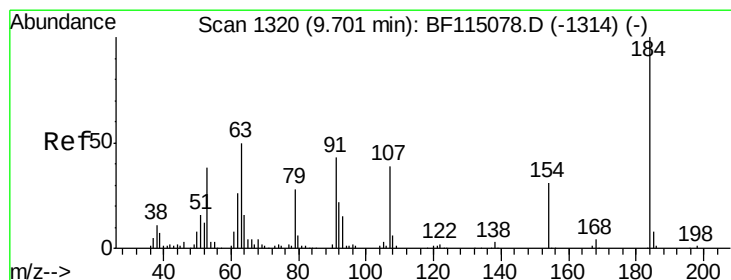
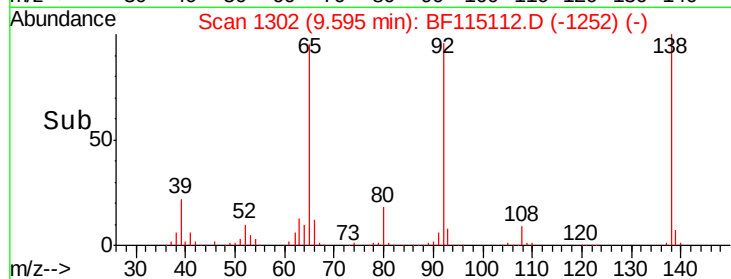
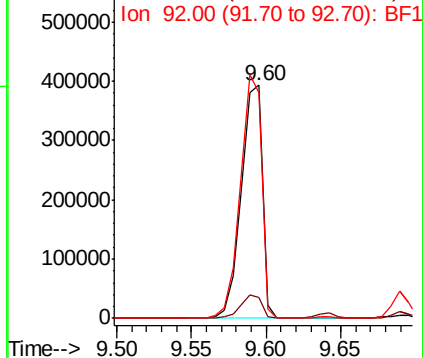
#53
 3-Nitroaniline
 Concen: 42.122 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 388580
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.6
 92 97.0 82.9 124.3

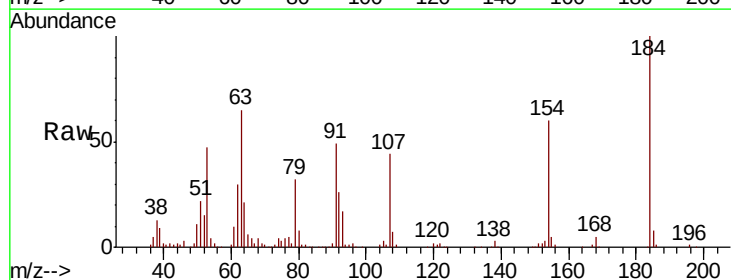


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

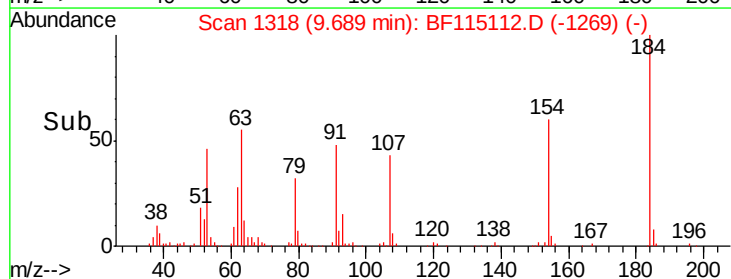
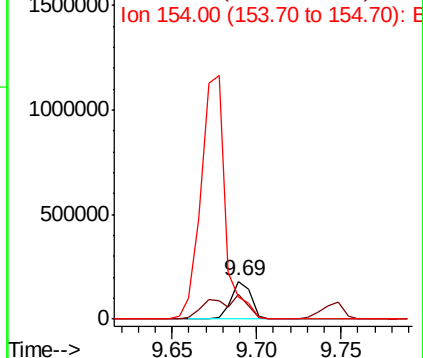


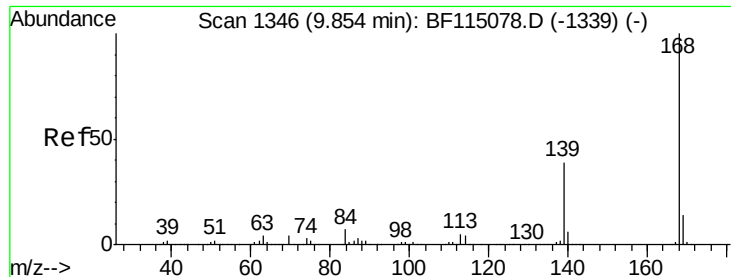
#54
 2,4-Dinitrophenol
 Concen: 41.953 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:184 Resp: 148232
 Ion Ratio Lower Upper
 184 100
 63 65.0 41.9 62.9#
 154 60.0 44.7 67.1



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





#55

Dibenzofuran

Concen: 40.522 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

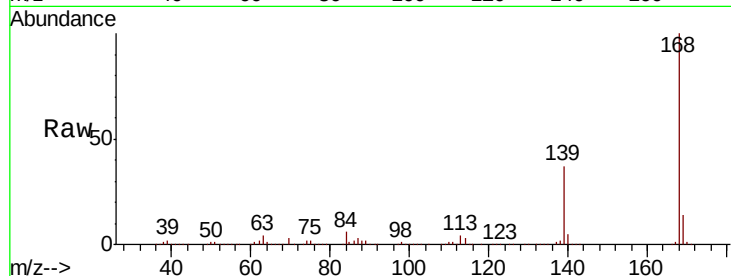
Tot Ion:168 Resp: 1637911

Ion Ratio Lower Upper

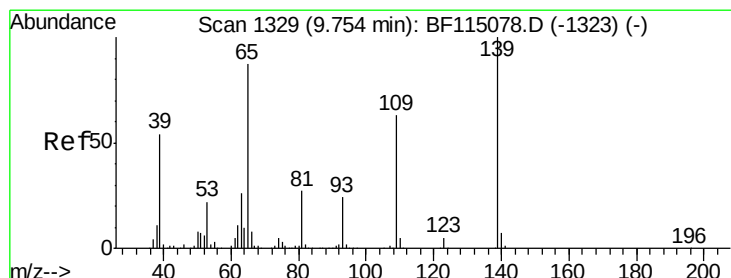
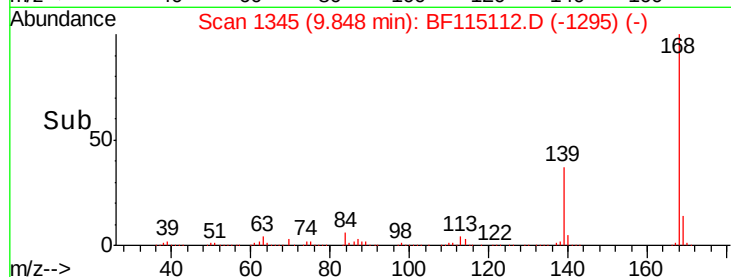
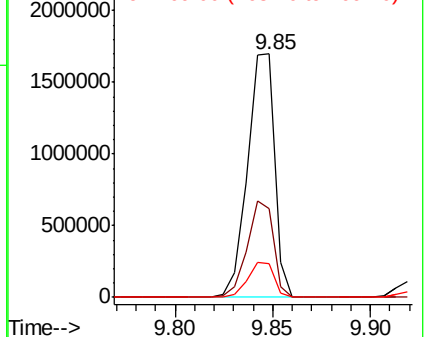
168 100

139 36.7 31.1 46.7

169 13.7 11.3 16.9



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



#56

4-Nitrophenol

Concen: 41.182 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

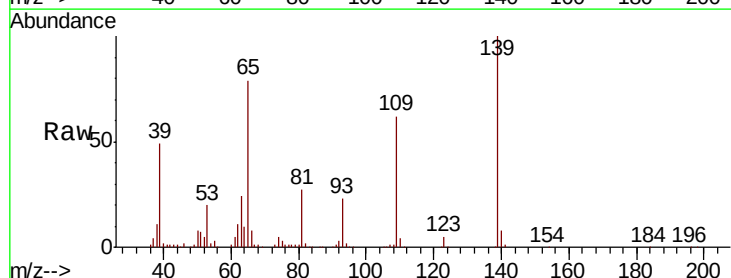
Tgt Ion:139 Resp: 304573

Ion Ratio Lower Upper

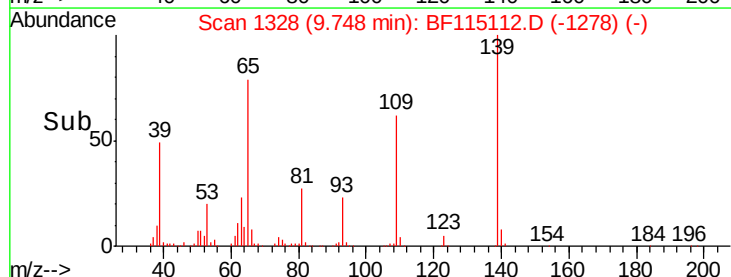
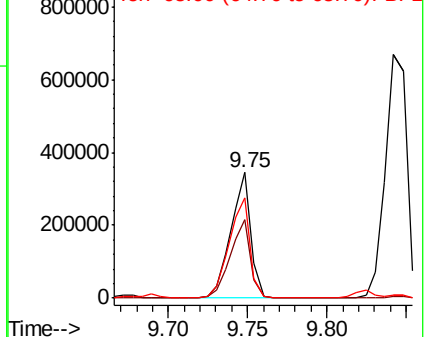
139 100

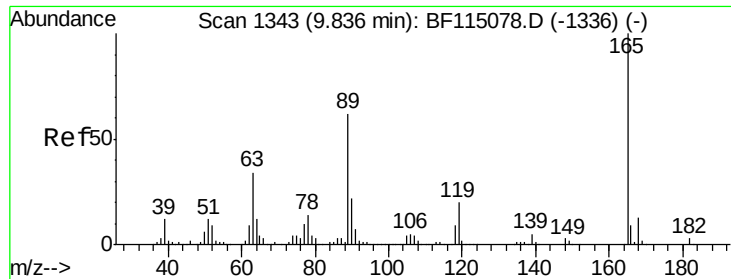
109 62.5 43.0 83.0

65 79.5 67.0 107.0



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

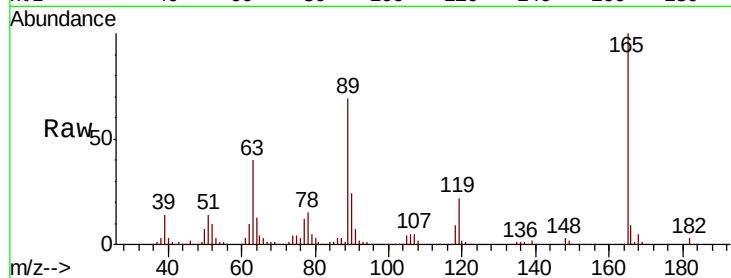




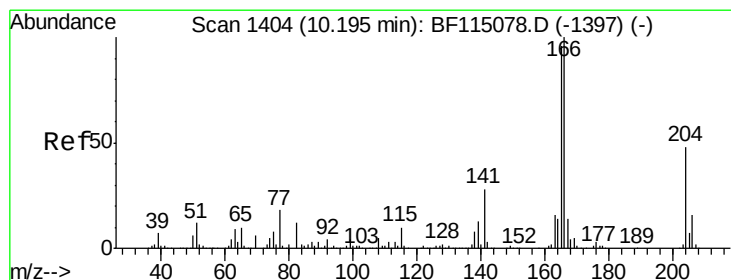
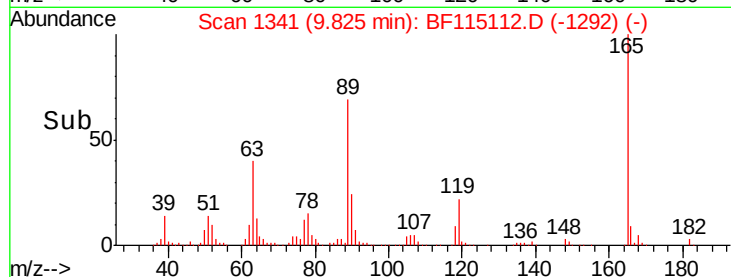
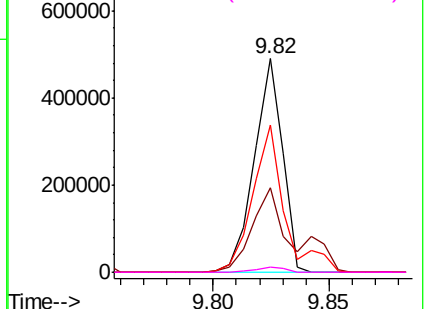
#57
 2,4-Dinitrotoluene
 Concen: 43.030 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	420013
Ion	Ratio	Lower Upper
165	100	
63	39.6	27.5 41.3
89	68.8	49.9 74.9
182	2.7	2.1 3.1

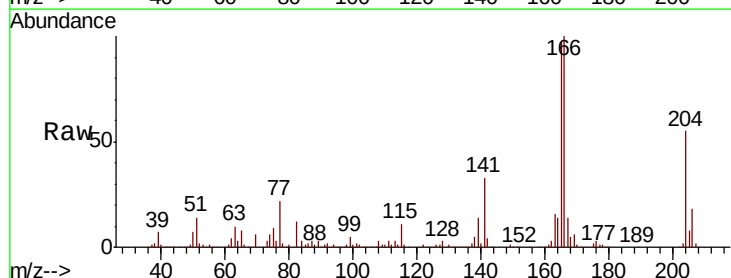


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

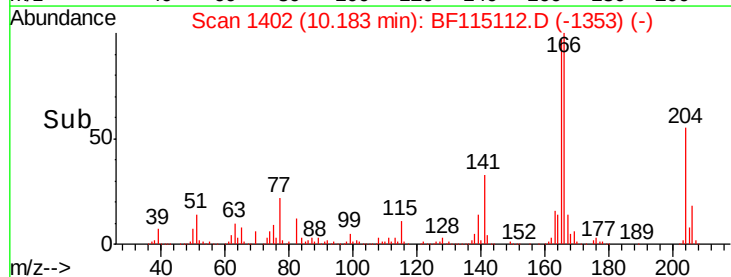
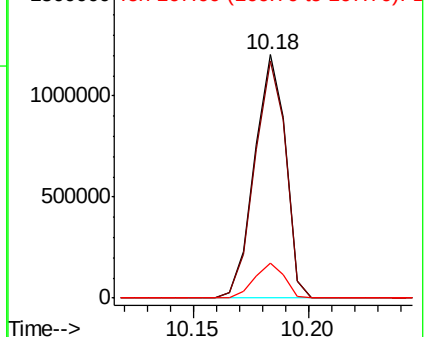


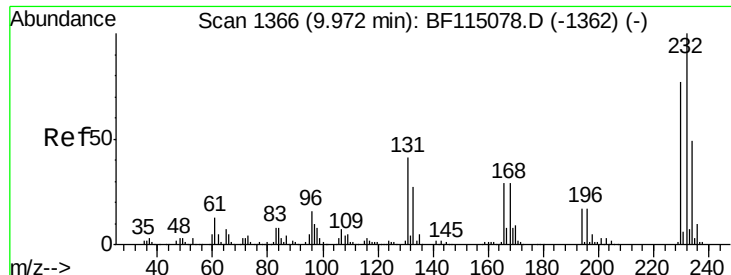
#58
 Fluorene
 Concen: 41.522 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:166	Resp:	1131118
Ion	Ratio	Lower Upper
166	100	
165	97.5	76.5 114.7
167	14.2	11.0 16.4



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

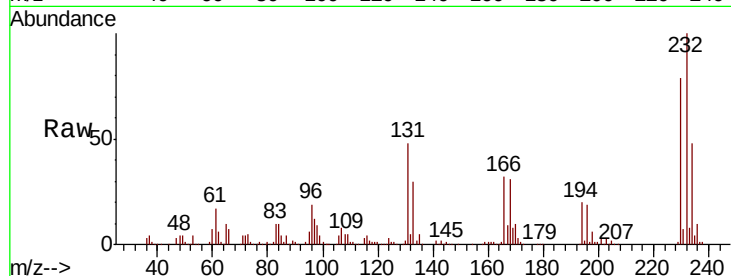




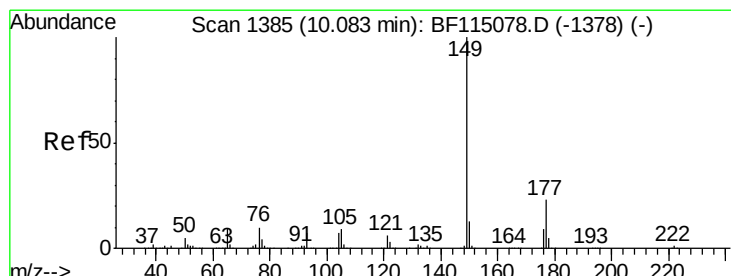
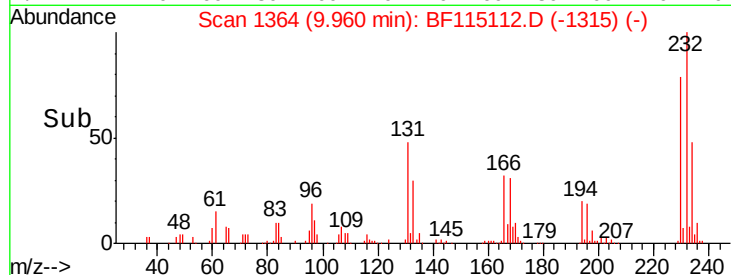
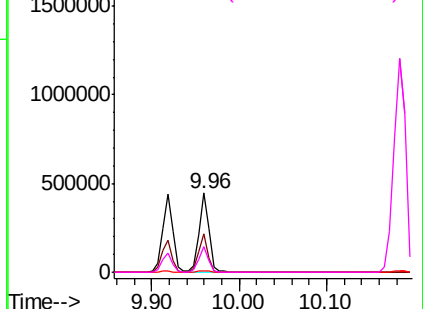
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.805 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	350507
Ion Ratio	Lower	Upper
232	100	
131	46.2	37.4 56.0
130	2.2	1.8 2.6
166	31.2	24.6 36.8

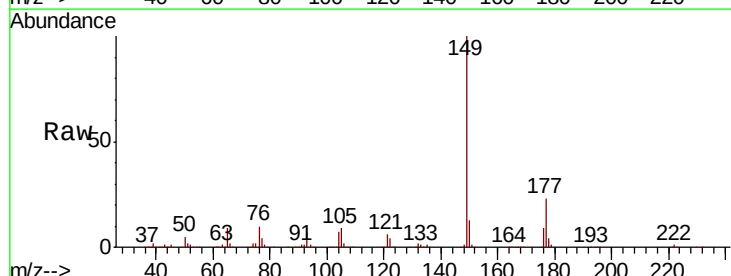


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

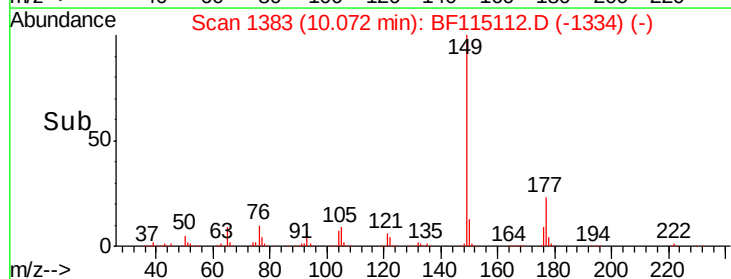
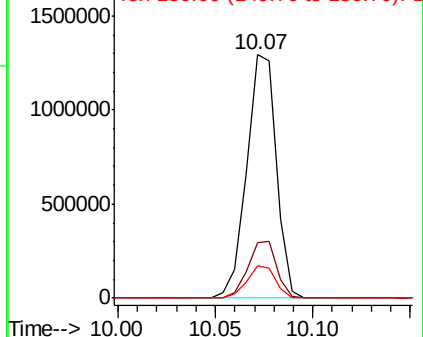


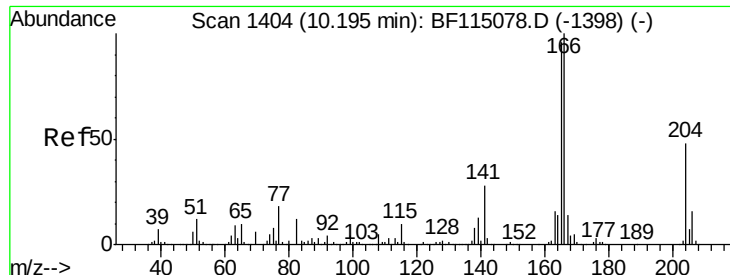
#60
 Diethylphthalate
 Concen: 41.322 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:149	Resp:	1360087
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.7 28.1
150	13.1	10.4 15.6



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

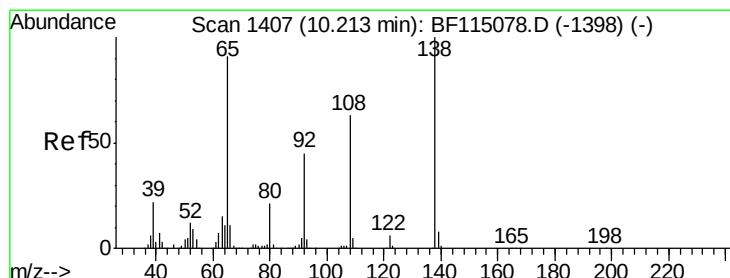
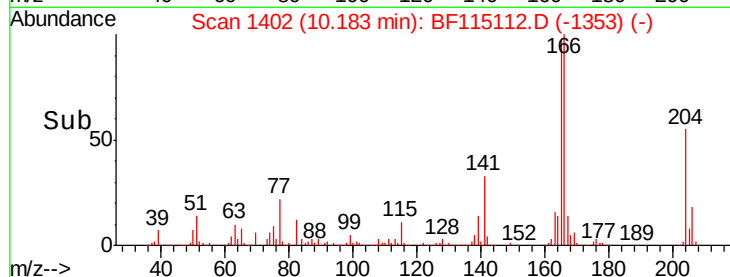
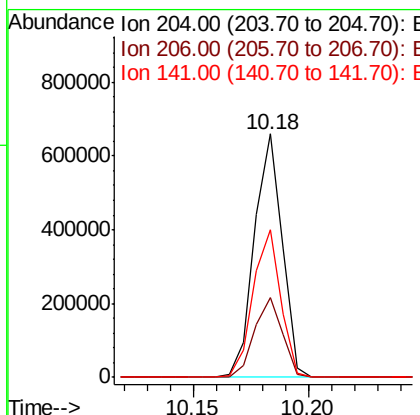
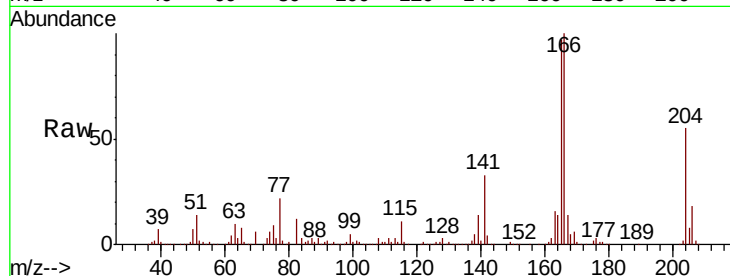




#61
 4-Chlorophenyl-phenylether
 Concen: 43.341 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

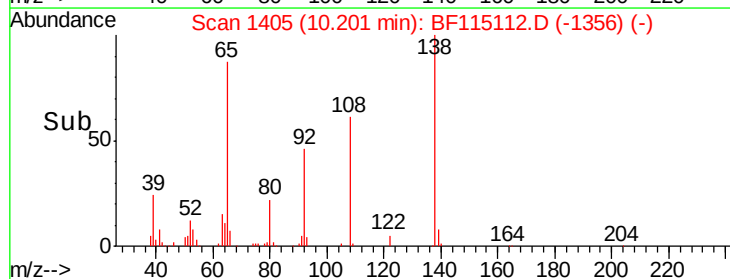
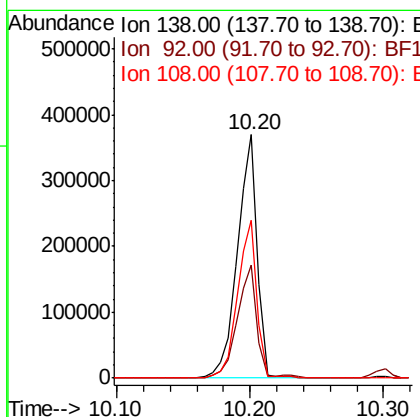
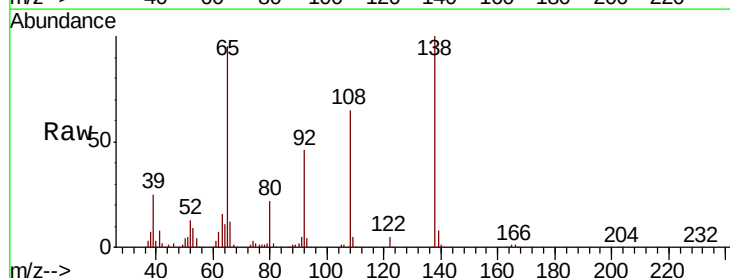
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

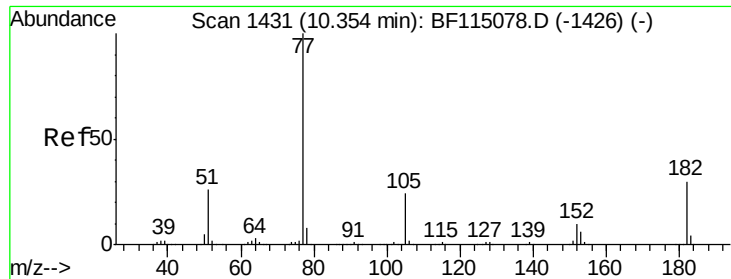
Tot Ion:204 Resp: 557486
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 40.0
 141 60.4 46.7 70.1



#62
 4-Nitroaniline
 Concen: 41.245 ng
 RT: 10.20 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:138 Resp: 381705
 Ion Ratio Lower Upper
 138 100
 92 46.3 24.8 64.8
 108 64.7 43.3 83.3





#63

Azobenzene

Concen: 41.307 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1269896

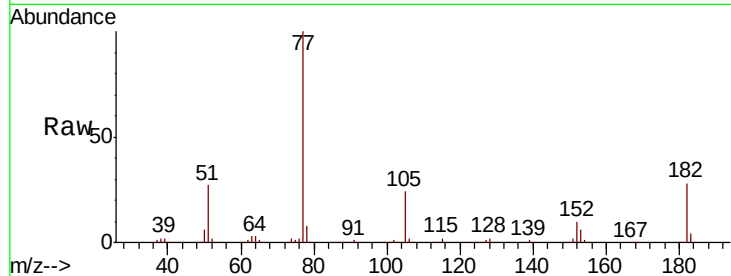
Ion Ratio Lower Upper

77 100

182 28.2 10.1 50.1

105 24.2 4.5 44.5

51 26.9 6.4 46.4

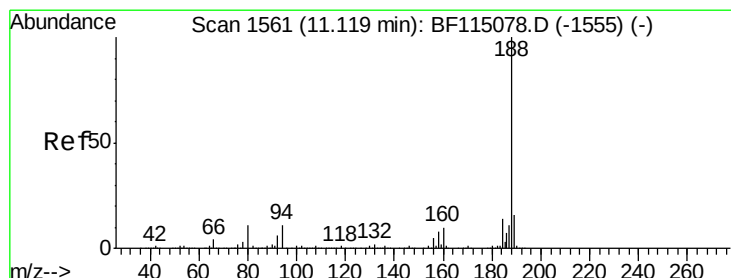
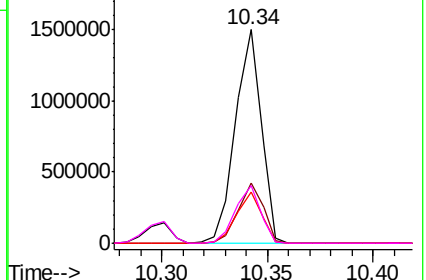
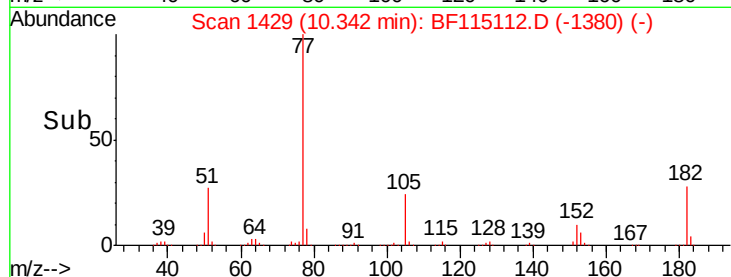


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

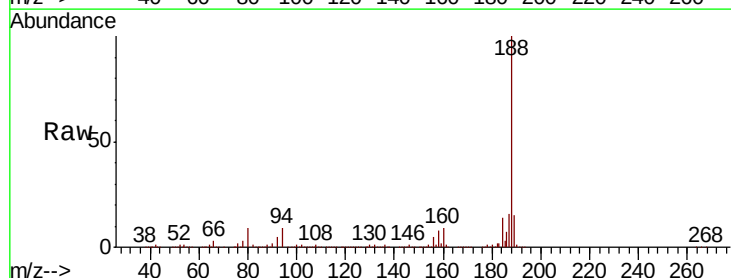
Tgt Ion: 188 Resp: 867628

Ion Ratio Lower Upper

188 100

94 8.6 8.6 12.8

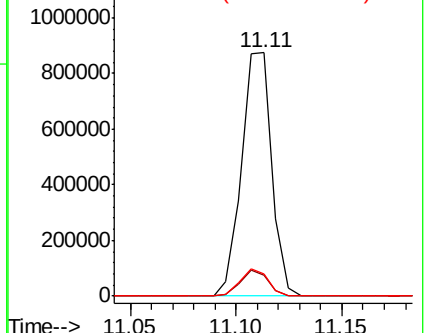
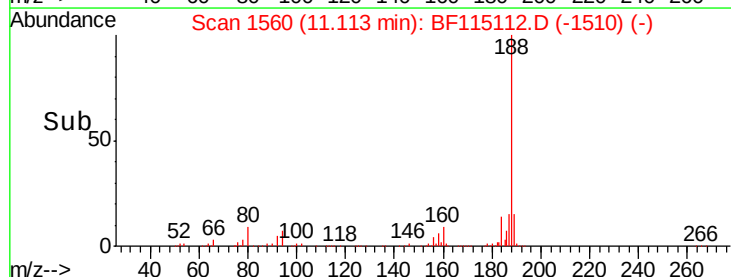
80 9.1 8.8 13.2

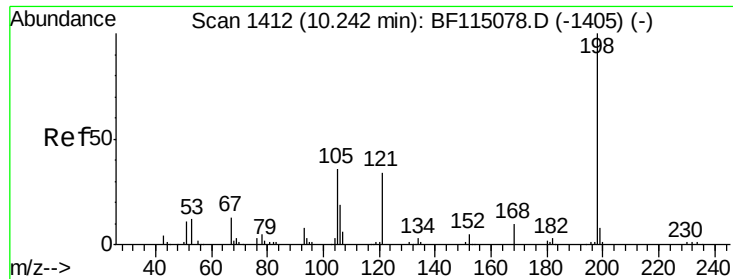


Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.685 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

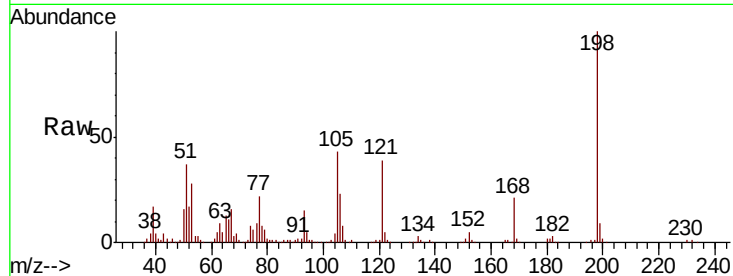
Tot Ion:198 Resp: 194227

Ion Ratio Lower Upper

198 100

51 37.4 11.0 51.0

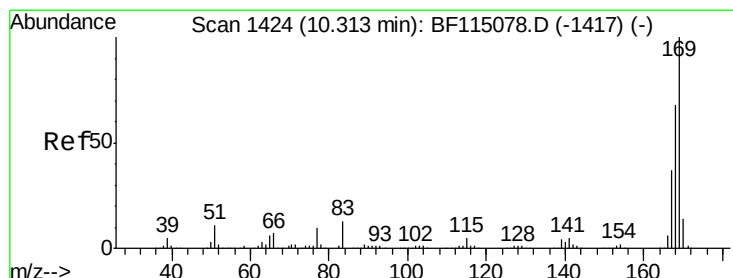
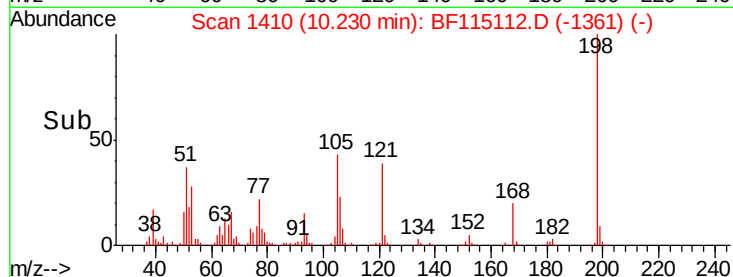
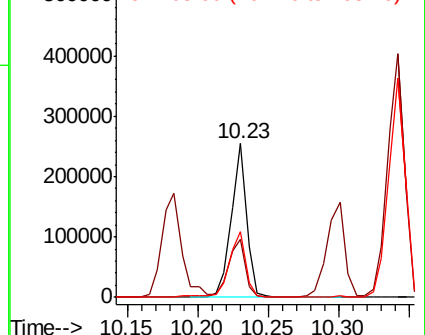
105 42.6 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.291 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

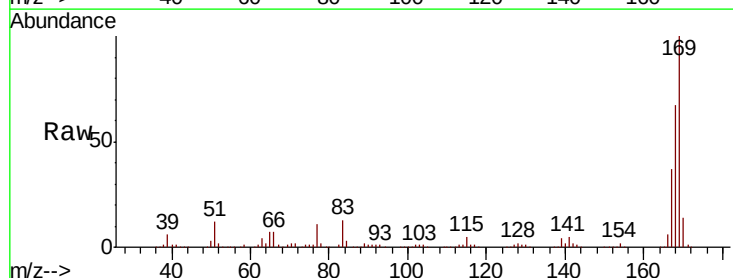
Tgt Ion:169 Resp: 1116127

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.4

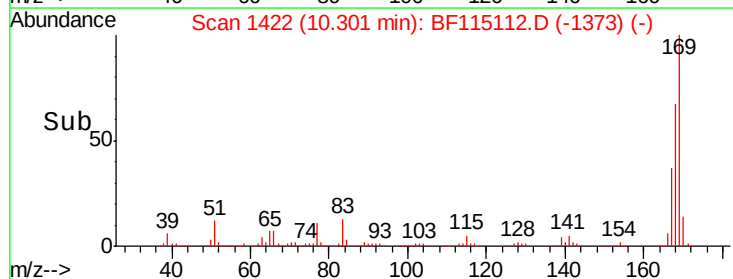
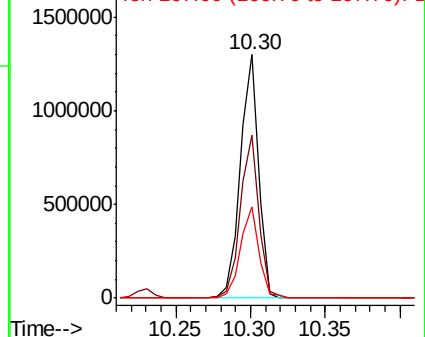
167 37.5 29.4 44.0

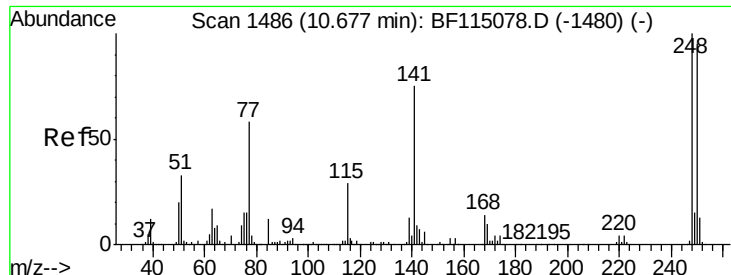


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

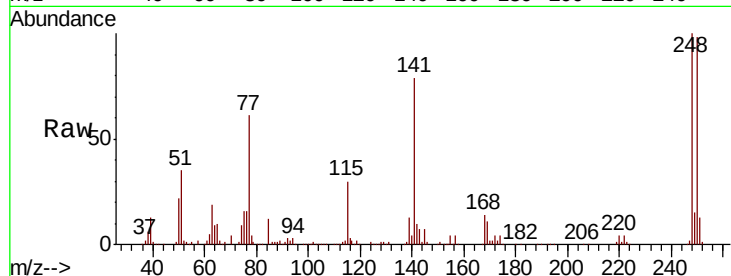




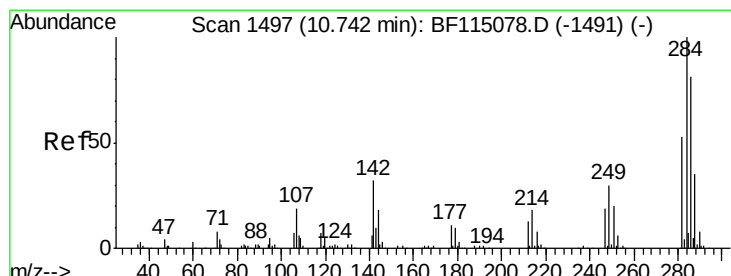
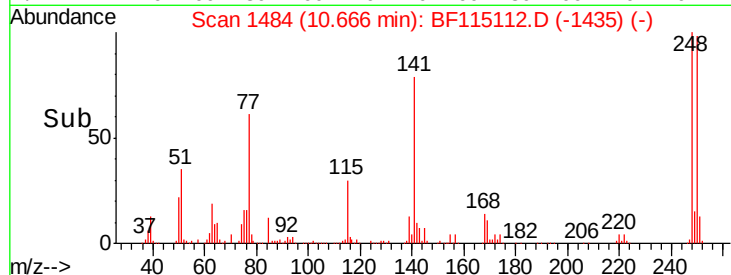
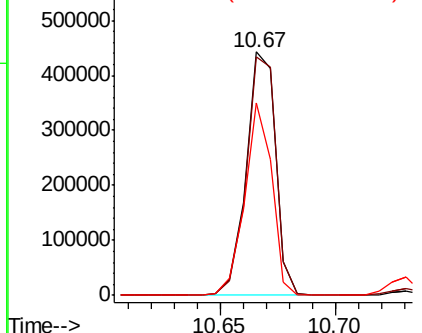
#67
4-Bromophenyl-phenylether
Concen: 42.006 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 395149
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.2
141 78.9 59.6 89.4

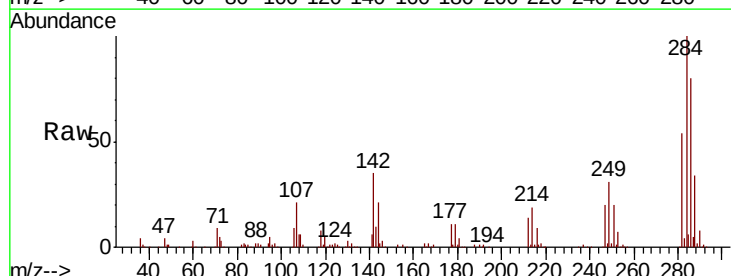


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

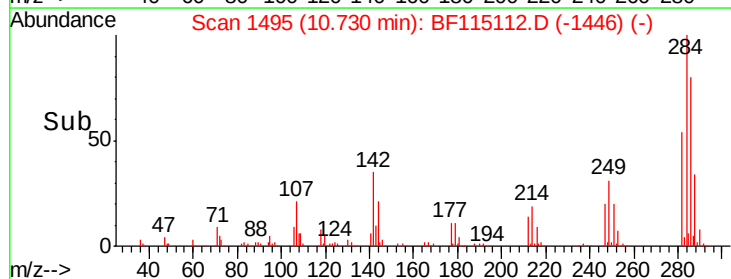
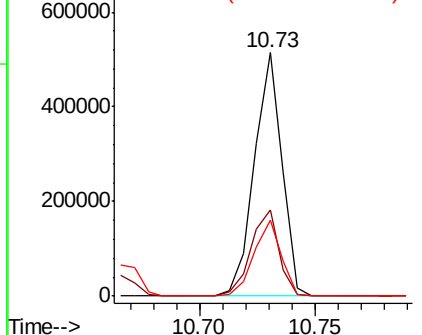


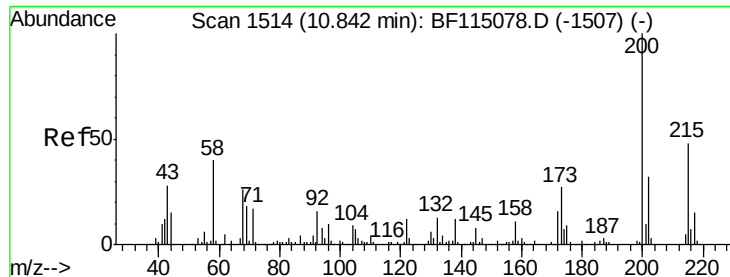
#68
Hexachlorobenzene
Concen: 42.114 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:284 Resp: 430013
Ion Ratio Lower Upper
284 100
142 35.5 25.8 38.8
249 31.0 24.2 36.4



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

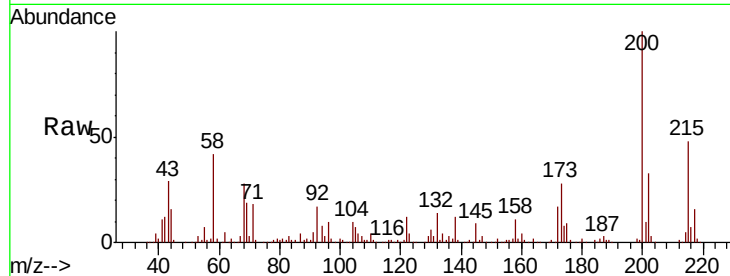




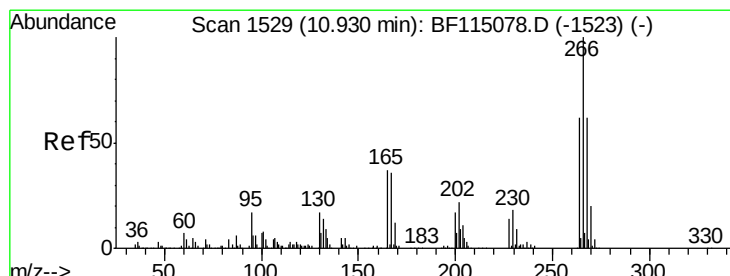
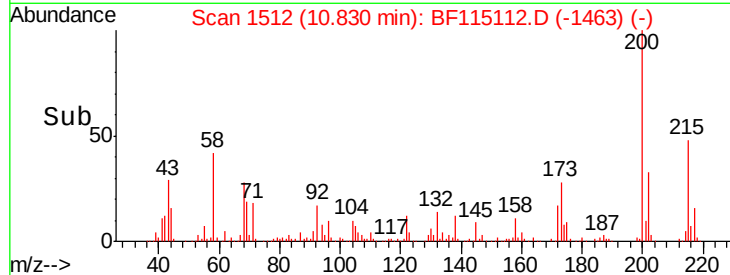
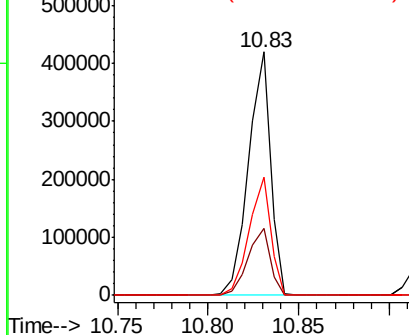
#69
 Atrazine
 Concen: 40.973 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	48.4	27.8	67.8

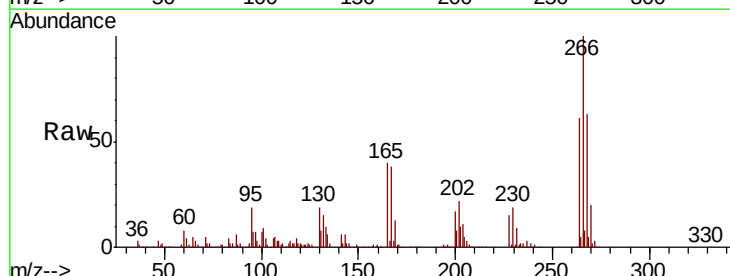


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

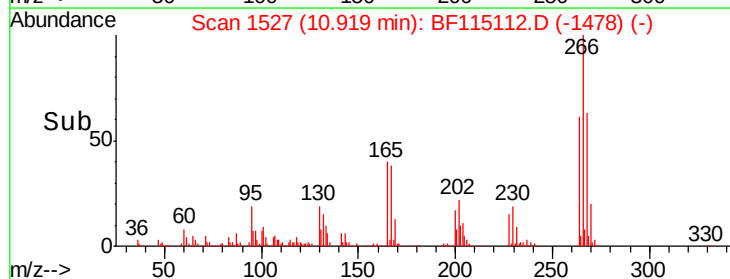
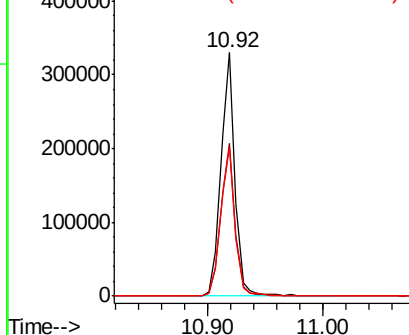


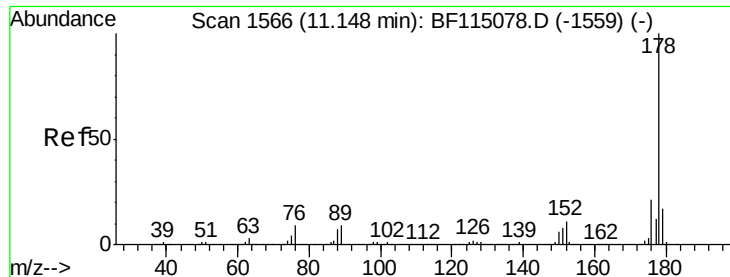
#70
 Pentachlorophenol
 Concen: 43.047 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.5	74.3
264	61.4	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

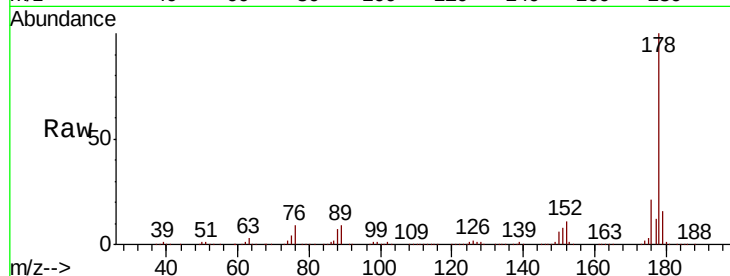




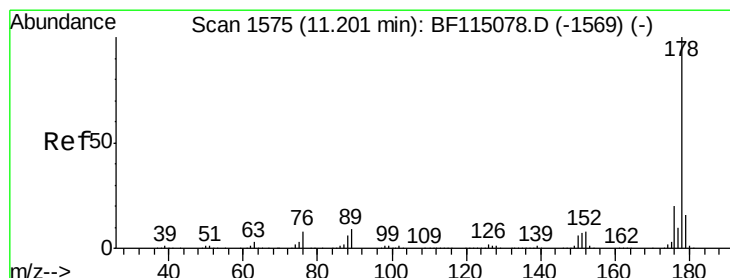
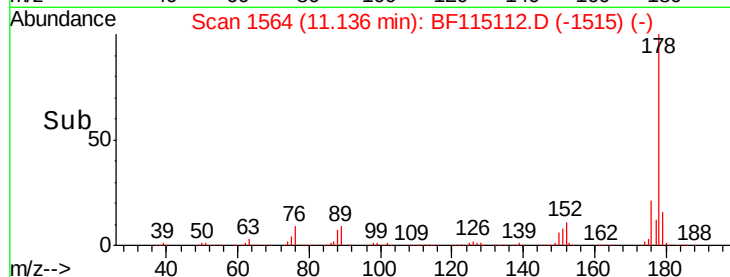
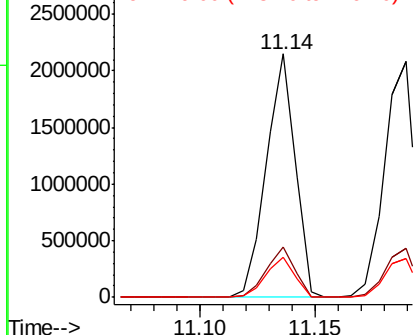
#71
Phenanthrene
Concen: 40.041 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1870497
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.4 13.2 19.8

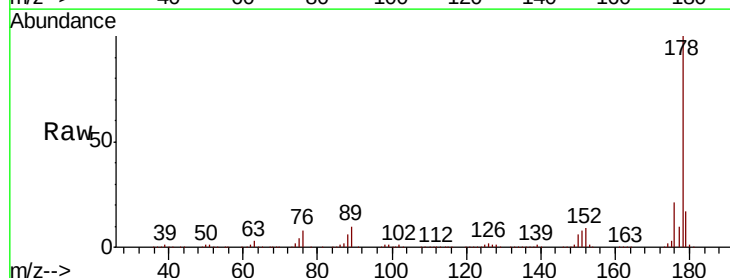


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

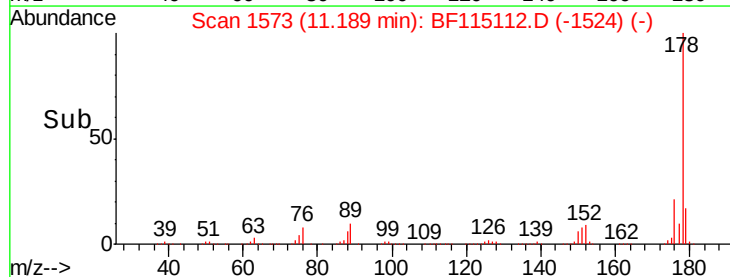
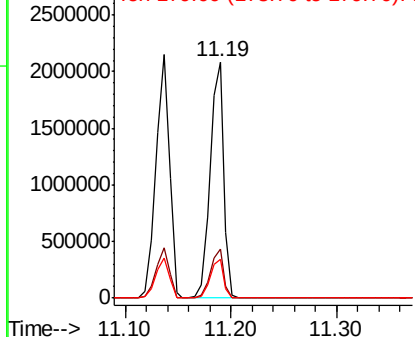


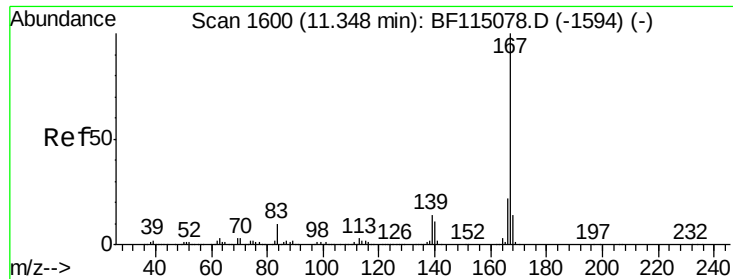
#72
Anthracene
Concen: 39.914 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:178 Resp: 1882132
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

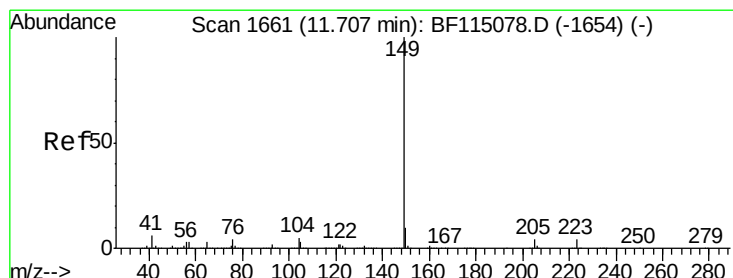
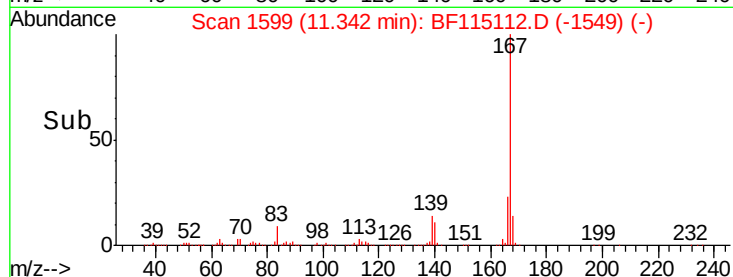
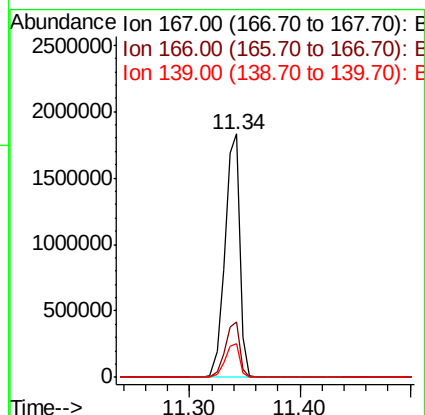
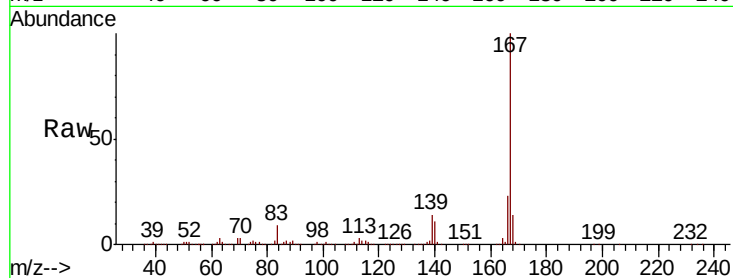




#73
 Carbazole
 Concen: 40.897 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

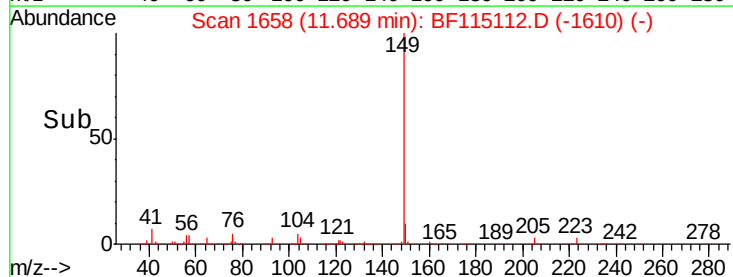
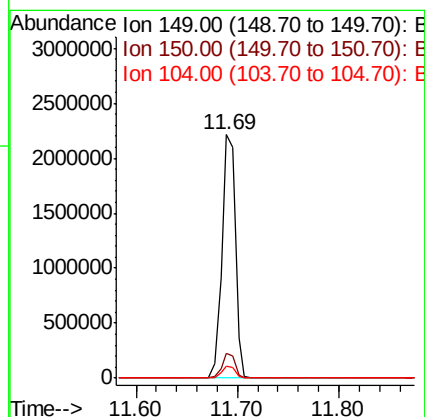
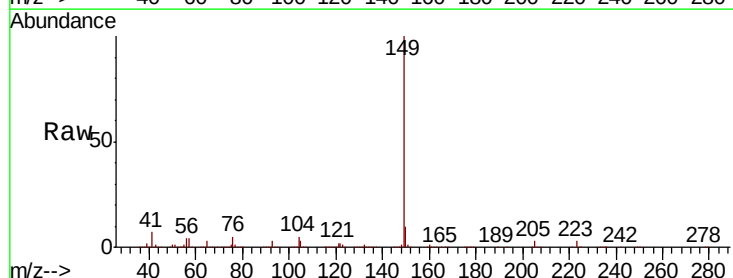
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

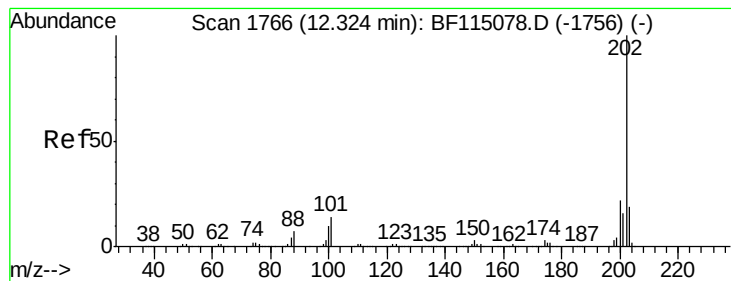
Tot Ion:167 Resp: 1722076
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 14.0 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.751 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:149 Resp: 2031504
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.1 3.7 5.5

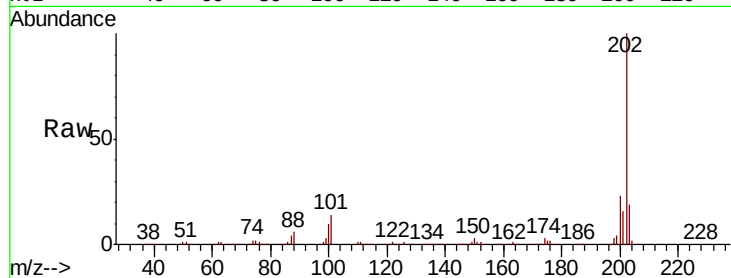




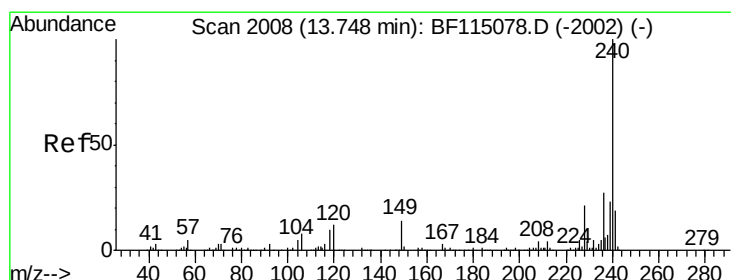
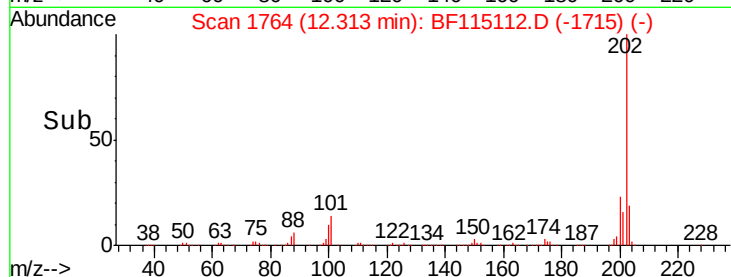
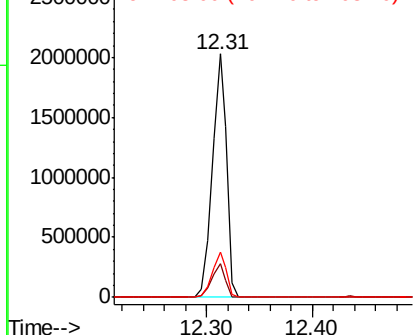
#75
 Fluoranthene
 Concen: 41.310 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1925412
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 34.0
 203 18.7 0.0 38.8

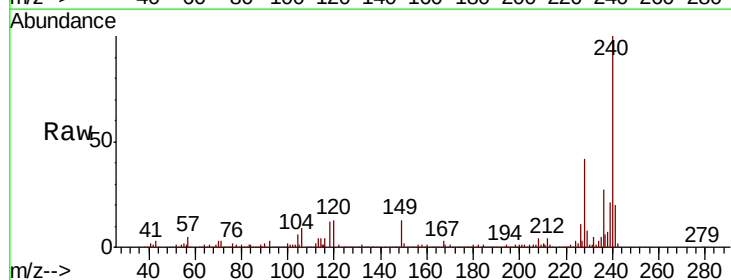


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

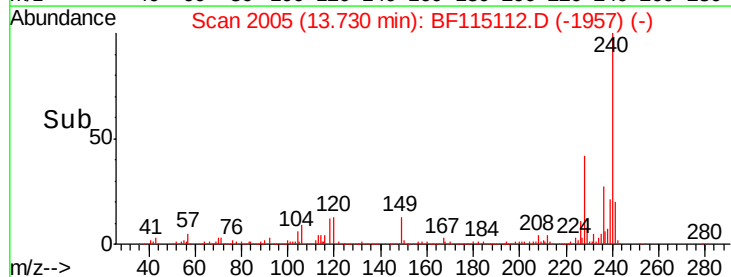
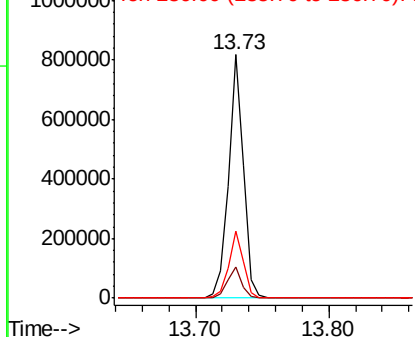


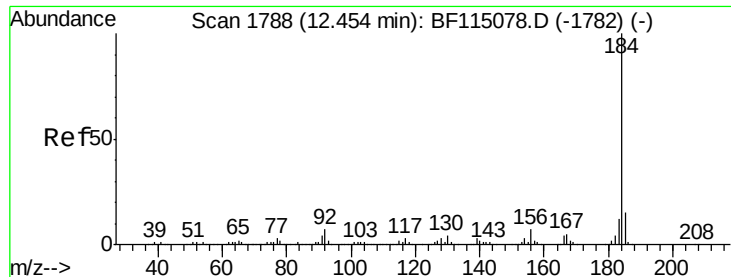
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115112.D
 Acq: 22 Jun 2019 11:24

Tgt Ion:240 Resp: 644070
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.4 14.2
 236 27.3 21.7 32.5



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: 40.203 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

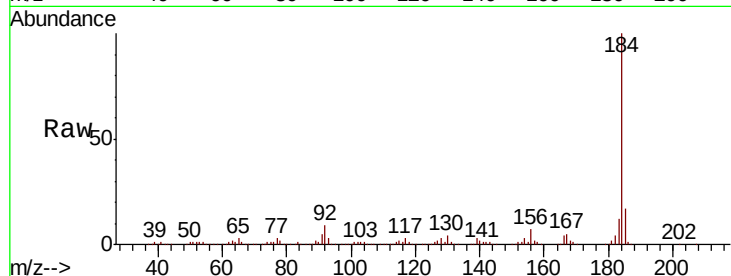
Tot Ion:184 Resp: 1149773

Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

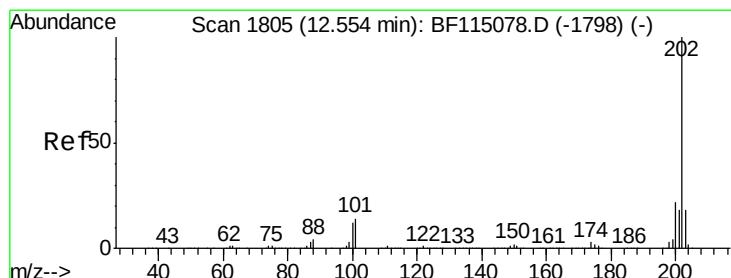
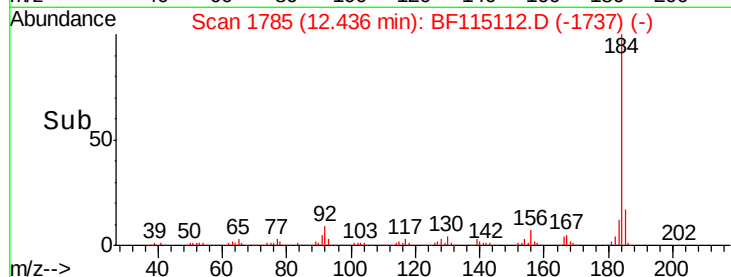
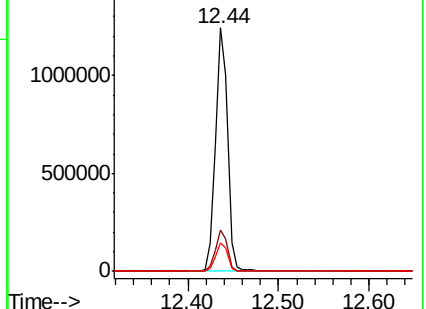
183 11.7 9.6 14.4



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: 40.044 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

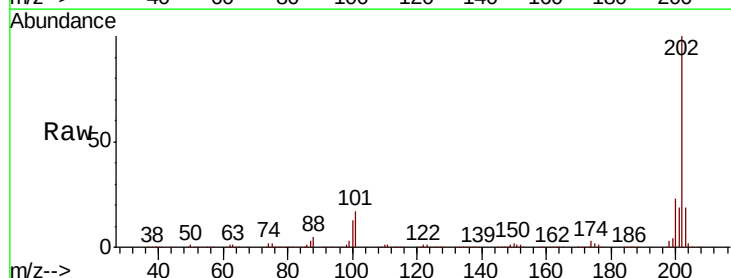
Tgt Ion:202 Resp: 1982086

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

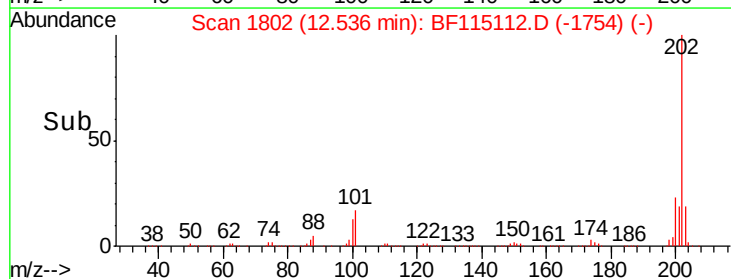
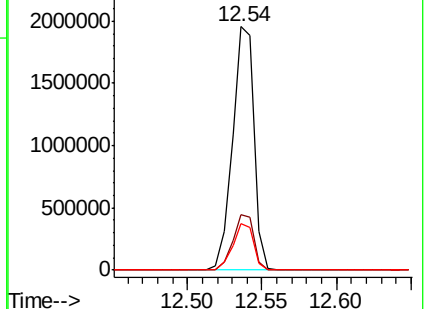
203 18.9 14.6 21.8

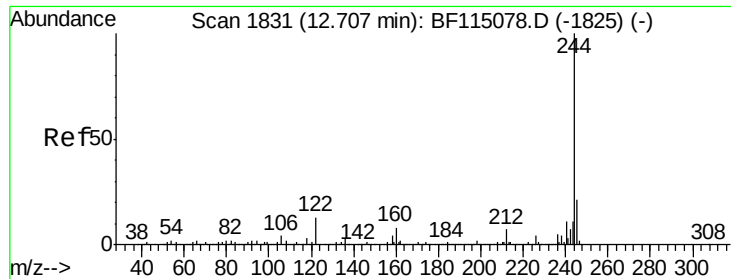


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.260 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

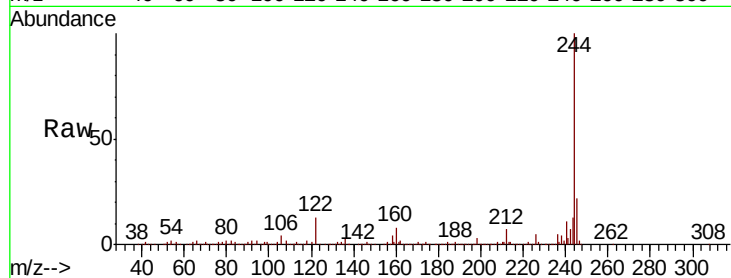
Tot Ion:244 Resp: 2461583

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

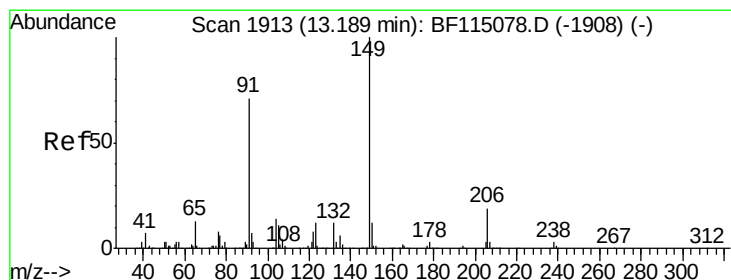
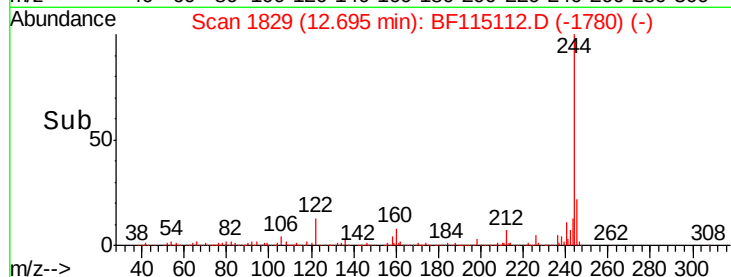
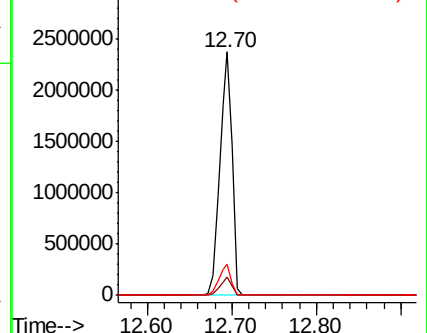
122 12.6 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.394 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

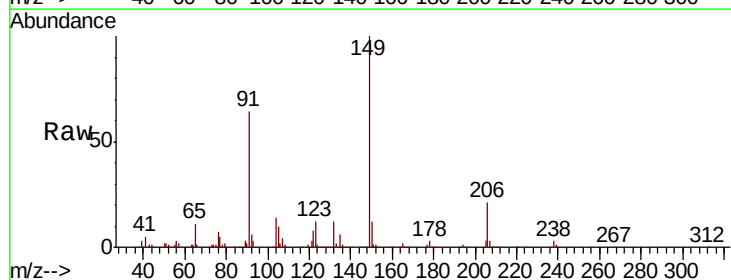
Tgt Ion:149 Resp: 882340

Ion Ratio Lower Upper

149 100

91 63.8 56.5 84.7

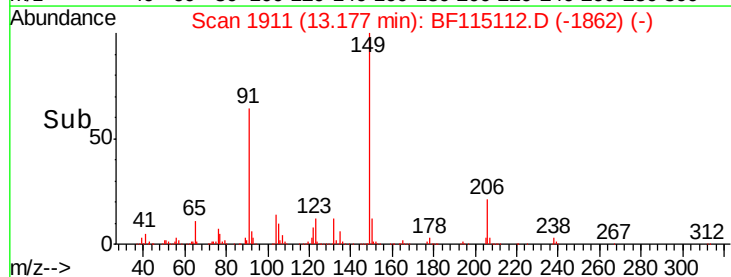
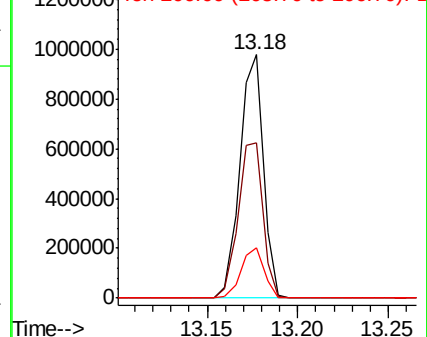
206 20.9 15.3 22.9

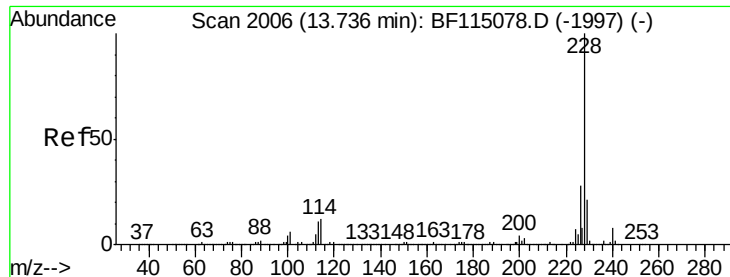


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.676 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

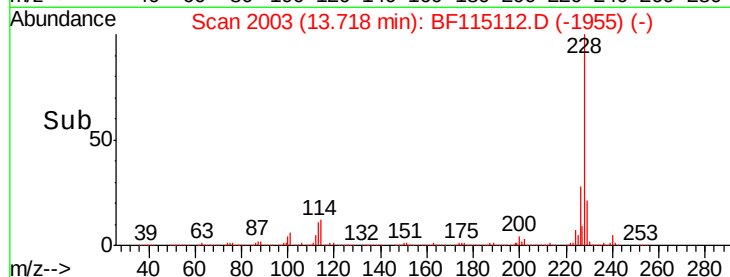
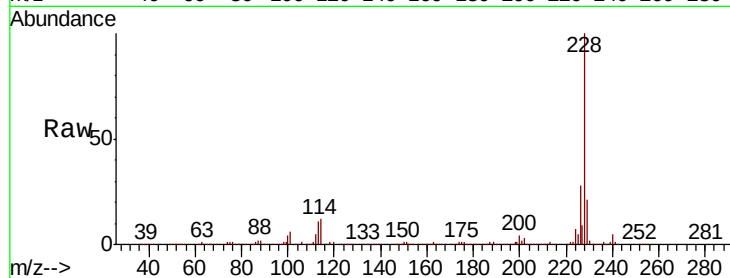
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1879787

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	21.0	16.6	24.8

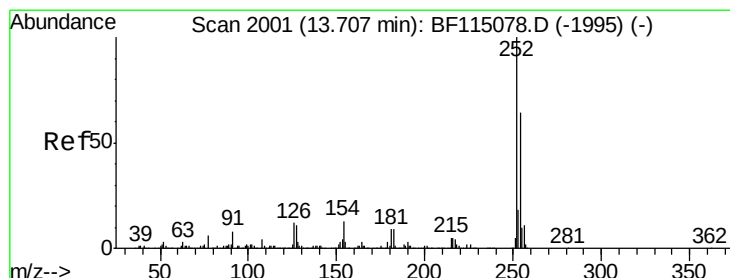
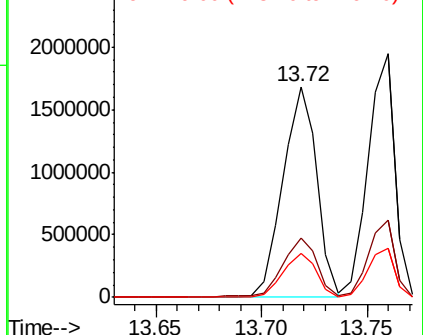


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 40.976 ng

RT: 13.69 min Scan# 1998

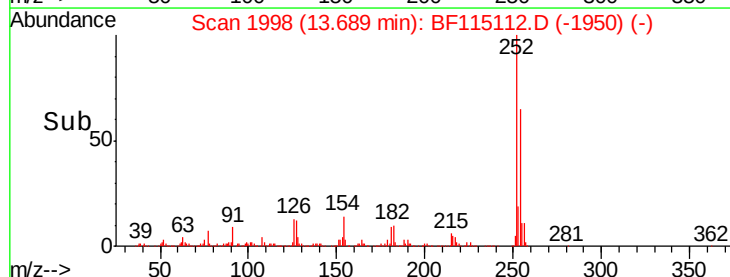
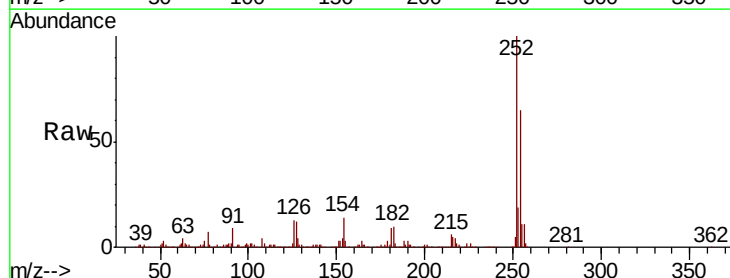
Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Tgt Ion:252 Resp: 683833

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.1	76.7
126	12.6	9.4	14.0

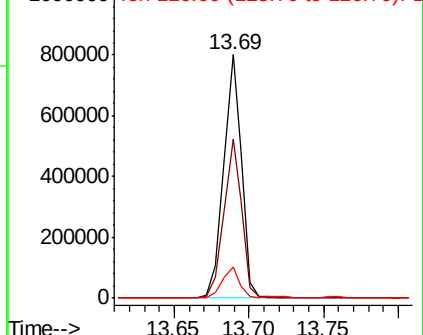


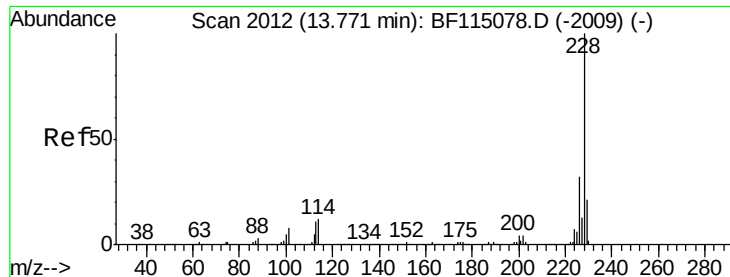
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.051 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Instrument :

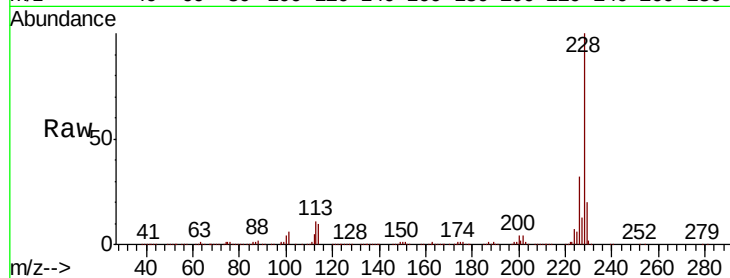
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1737816

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.3	16.5	24.7

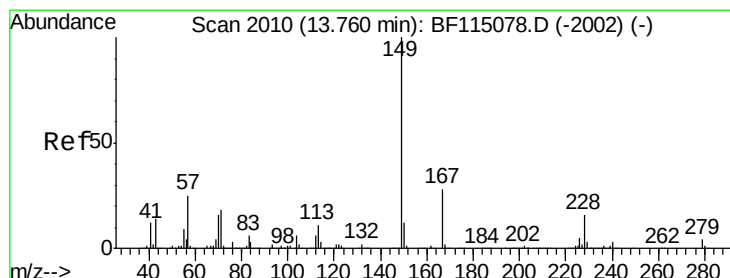
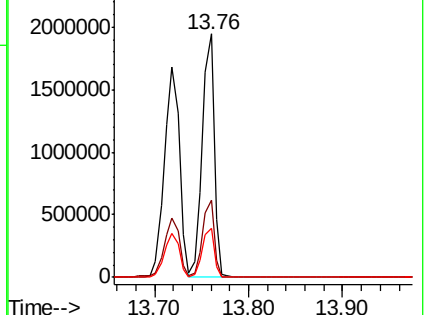
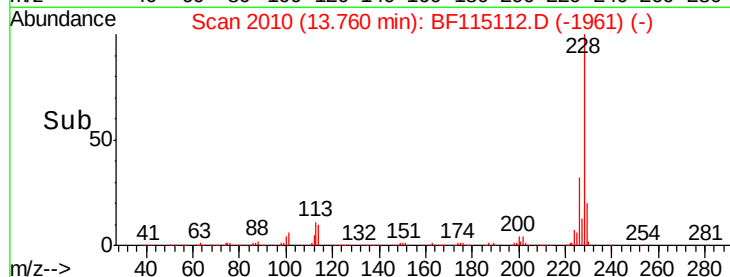


Abundance

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: 40.975 ng

RT: 13.74 min Scan# 2007

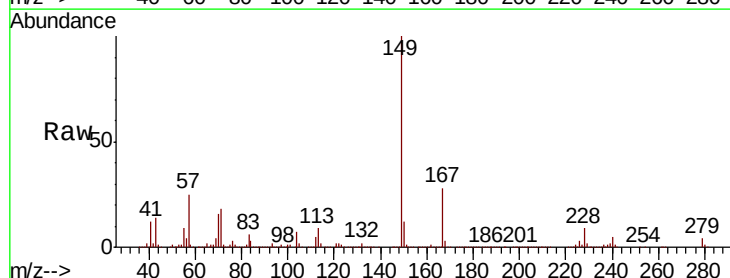
Delta R.T. -0.02 min

Lab File: BF115112.D

Acq: 22 Jun 2019 11:24

Tgt Ion:149 Resp: 1172795

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.8	2.9	4.3

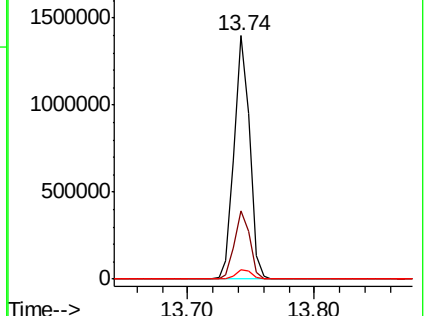
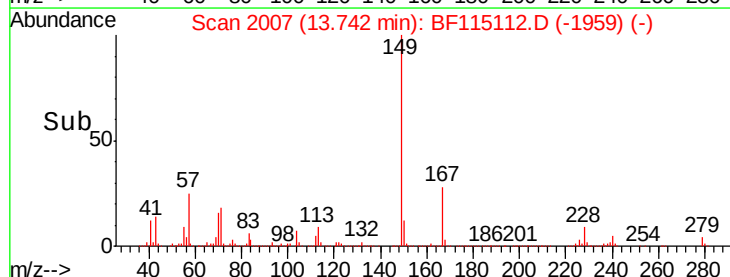


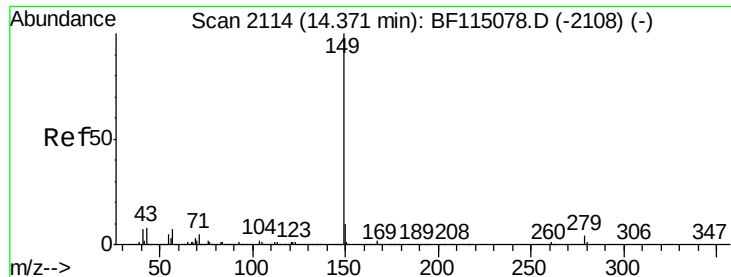
Abundance

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

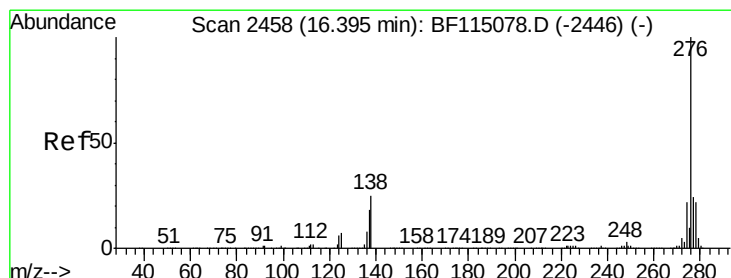
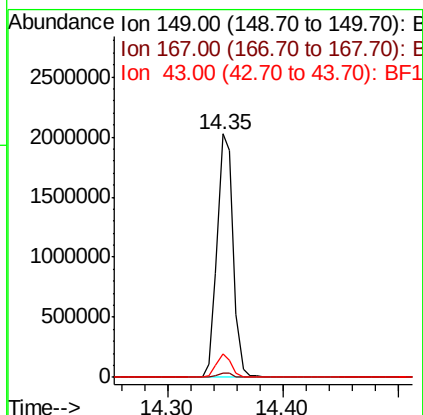
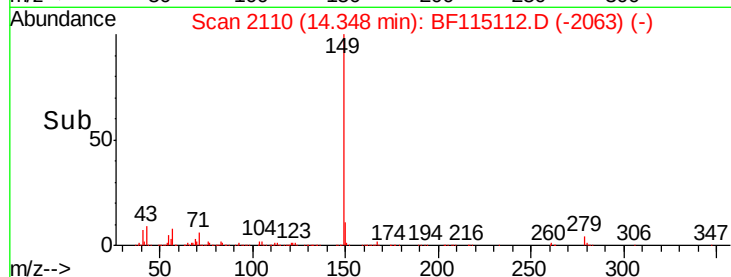
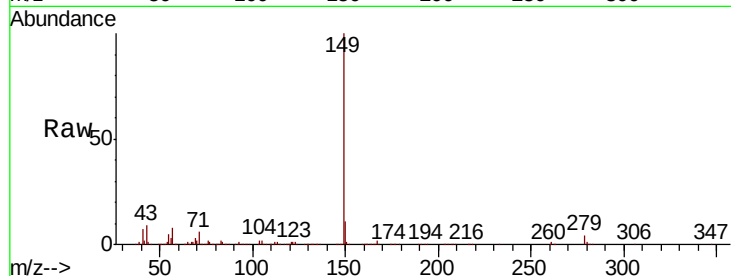




#85
Di-n-octyl phthalate
Concen: 40.695 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

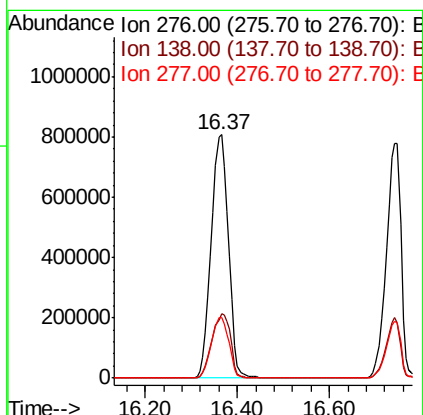
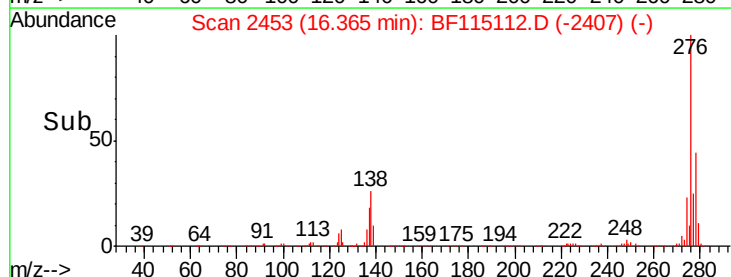
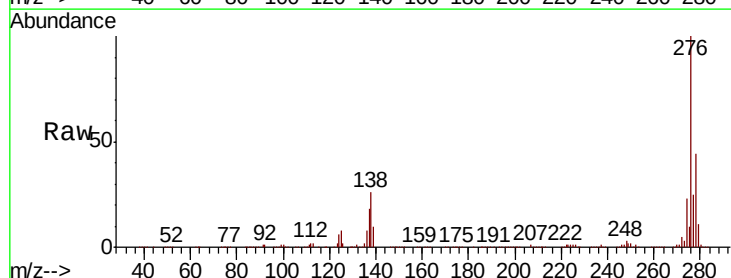
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

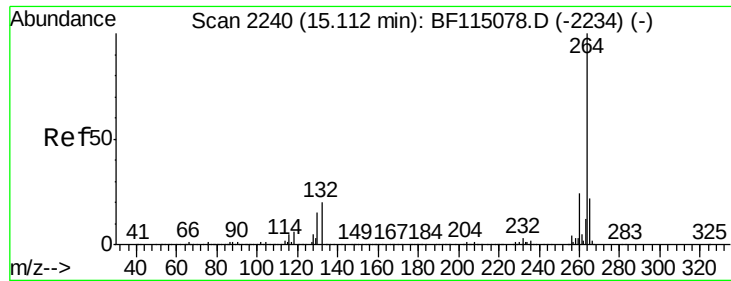
Tot Ion:149 Resp: 1957027
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.902 ng
RT: 16.37 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:276 Resp: 2098994
Ion Ratio Lower Upper
276 100
138 28.6 23.2 34.8
277 25.5 20.1 30.1

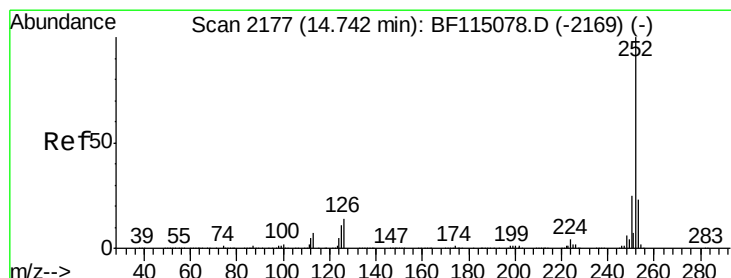
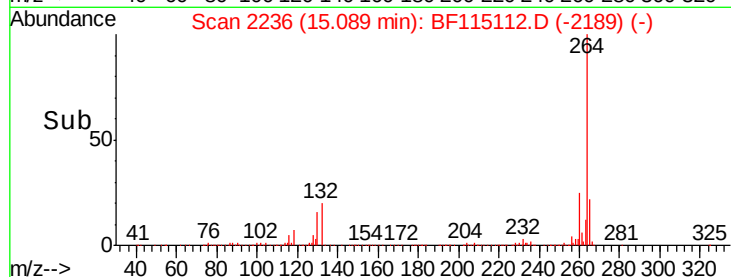
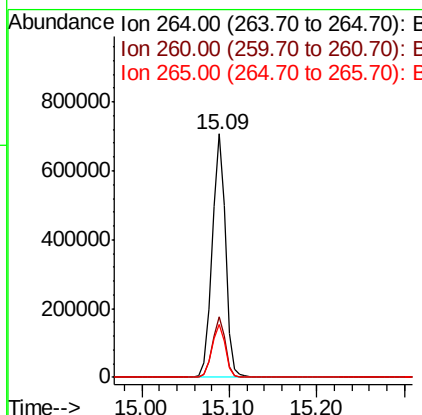
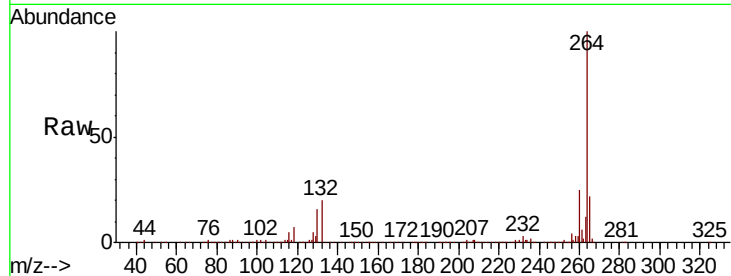




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

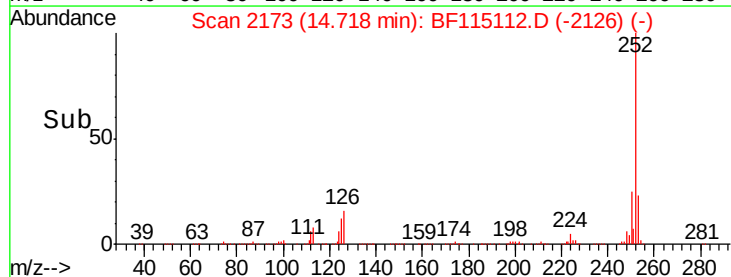
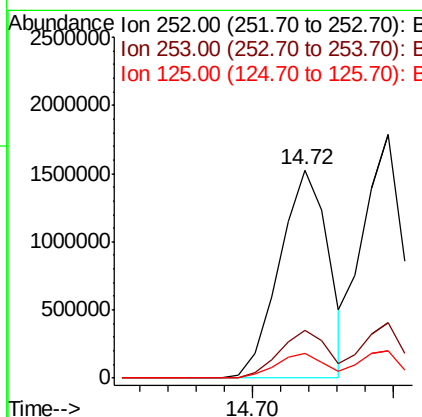
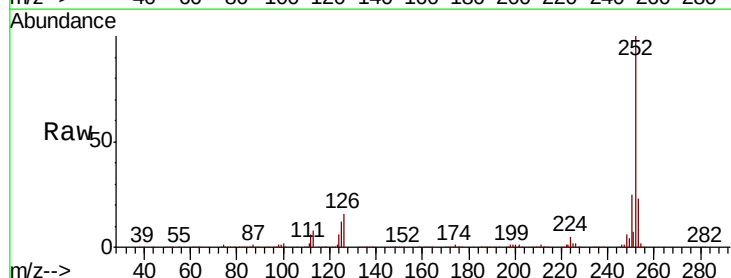
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

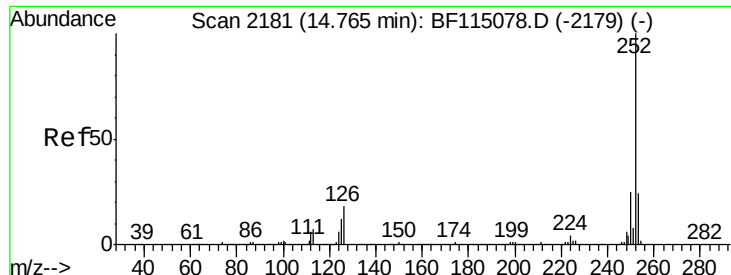
Tot Ion:264 Resp: 750402
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.8 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.243 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:252 Resp: 1837455
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.9 8.7 13.1

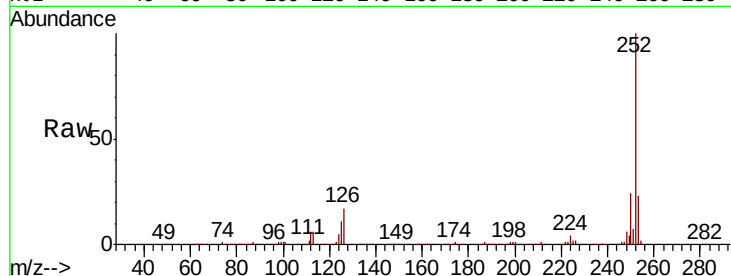




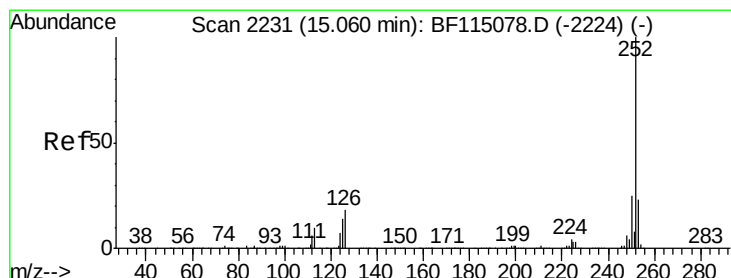
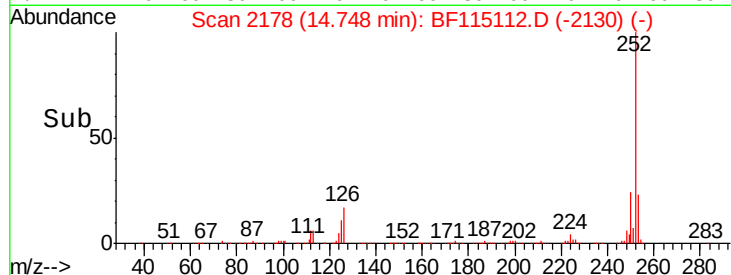
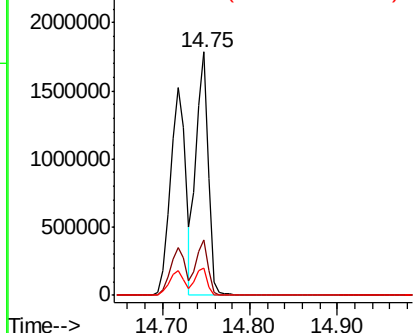
#89
Benzo(k)fluoranthene
Concen: 41.785 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1754547
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.3 10.2 15.2

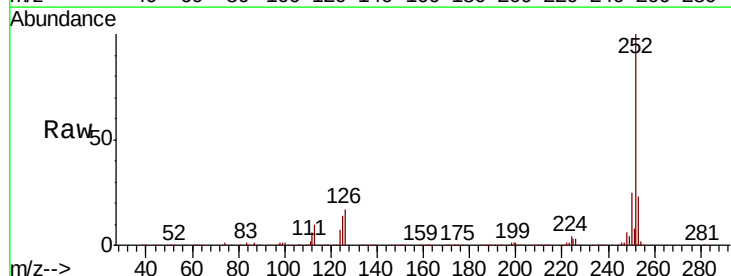


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

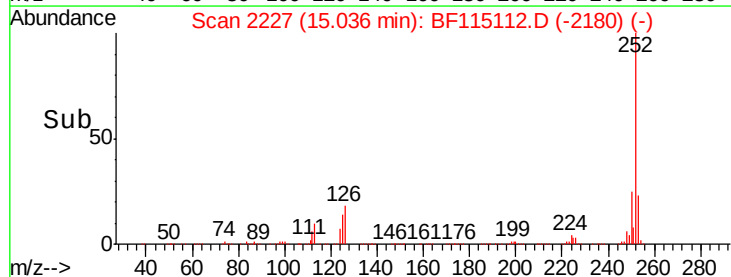
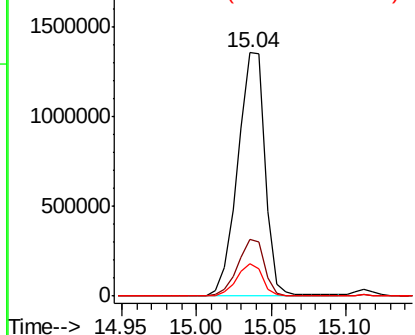


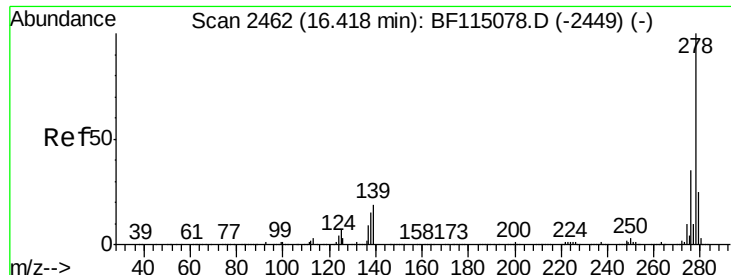
#90
Benzo(a)pyrene
Concen: 41.269 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:252 Resp: 1741657
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 13.5 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



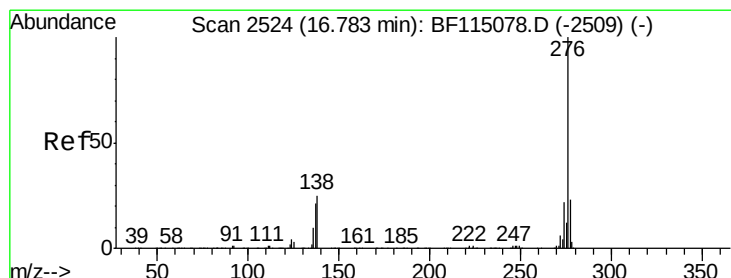
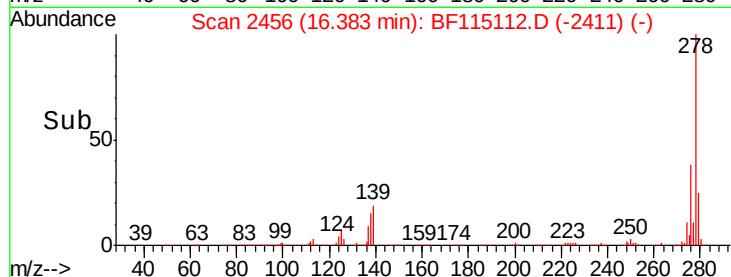
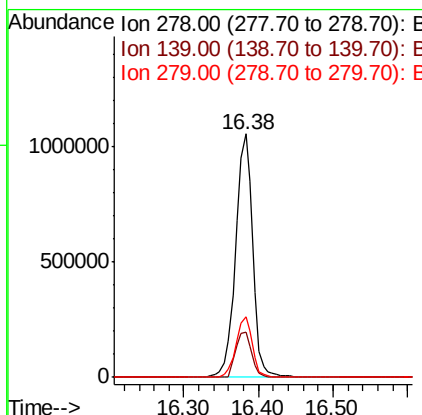
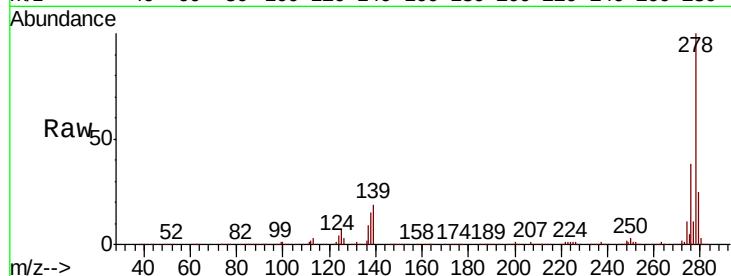


#91
Dibenzo(a,h)anthracene
Concen: 42.976 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.04 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1693192

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.4	23.2
279	24.9	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 43.228 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115112.D
Acq: 22 Jun 2019 11:24

Tgt Ion:276 Resp: 1723762

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.8	19.8	29.6

