

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116688.D
 Acq On : 31 Aug 2019 10:09
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 31 16:01:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147050	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	615638	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	307676	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	498303	20.00	ng	0.00
76) Chrysene-d12	14.00	240	318179	20.00	ng	0.00
87) Perylene-d12	15.45	264	278753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	722351	79.58	ng	0.00
7) Phenol-d6	6.48	99	955418	80.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	924480	85.73	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	189910	92.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1474953	80.87	ng	0.00
79) Terphenyl-d14	12.95	244	1347581	78.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	164400	39.235	ng	98
3) Pyridine	3.35	79	480046	39.569	ng	92
4) n-Nitrosodimethylamine	3.30	42	163679	39.289	ng	79
6) Aniline	6.52	93	655093	39.683	ng	99
8) 2-Chlorophenol	6.64	128	403322	40.704	ng	100
9) Benzaldehyde	6.40	77	299541	38.147	ng	99
10) Phenol	6.50	94	535049	40.540	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	413262	40.214	ng	97
12) 1,3-Dichlorobenzene	6.79	146	445054	39.741	ng	99
13) 1,4-Dichlorobenzene	6.87	146	450578	40.413	ng	99
14) 1,2-Dichlorobenzene	7.03	146	416566	40.317	ng	99
15) Benzyl Alcohol	6.99	79	396150	40.946	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479838	39.797	ng	98
17) 2-Methylphenol	7.10	107	348140	40.136	ng	95
18) Hexachloroethane	7.37	117	174613	40.310	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	316316	40.306	ng	91
20) 3+4-Methylphenols	7.26	107	412020	40.853	ng	# 81
22) Acetophenone	7.26	105	590072	39.812	ng	# 90
24) Nitrobenzene	7.43	77	471112	42.954	ng	95
25) Isophorone	7.67	82	861846	39.439	ng	99
26) 2-Nitrophenol	7.75	139	199877	49.017	ng	96
27) 2,4-Dimethylphenol	7.79	122	329587	40.021	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	537685	40.264	ng	100
29) 2,4-Dichlorophenol	7.99	162	332947	42.069	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	346509	40.366	ng	97
31) Naphthalene	8.16	128	1184702	40.469	ng	99
32) Benzoic acid	7.91	122	185370	39.865	ng	96
33) 4-Chloroaniline	8.20	127	531893	39.915	ng	100
34) Hexachlorobutadiene	8.28	225	192769	41.186	ng	98
35) Caprolactam	8.57	113	118250	39.924	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	376744	41.418	ng	98
37) 2-Methylnaphthalene	8.85	142	794110	40.770	ng	97
38) 1-Methylnaphthalene	8.95	142	742007	40.355	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	305237	41.385	ng	99

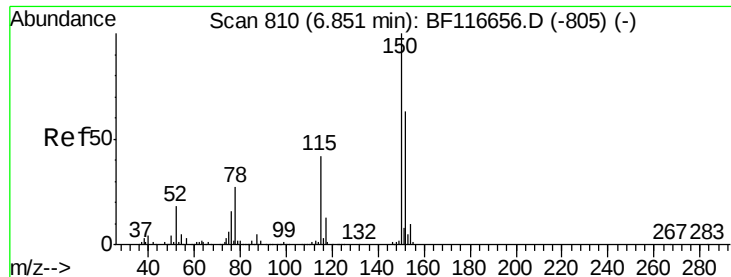
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	175697	41.252	ng	96
43) 2,4,6-Trichlorophenol	9.12	196	223557	44.217	ng	94
44) 2,4,5-Trichlorophenol	9.16	196	229389	43.702	ng	97
46) 1,1'-Biphenyl	9.31	154	946132	40.525	ng	97
47) 2-Chloronaphthalene	9.33	162	754042	40.778	ng	98
48) 2-Nitroaniline	9.42	65	258776	48.406	ng	92
49) Acenaphthylene	9.75	152	1131991	40.497	ng	99
50) Dimethylphthalate	9.61	163	872105	41.056	ng	99
51) 2,6-Dinitrotoluene	9.67	165	185678	45.815	ng	92
52) Acenaphthene	9.92	154	722590	42.072	ng	98
53) 3-Nitroaniline	9.83	138	235115	46.292	ng	89
54) 2,4-Dinitrophenol	9.94	184	71256	52.992	ng	94
55) Dibenzofuran	10.09	168	1002431	41.403	ng	98
56) 4-Nitrophenol	9.99	139	171395	49.216	ng	# 80
57) 2,4-Dinitrotoluene	10.07	165	248002	50.045	ng	96
58) Fluorene	10.43	166	749436	40.623	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	171761	45.341	ng	96
60) Diethylphthalate	10.30	149	880240	41.369	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	335705	41.555	ng	98
62) 4-Nitroaniline	10.45	138	223980	45.442	ng	93
63) Azobenzene	10.59	77	914358	41.212	ng	94
65) 4,6-Dinitro-2-methylphenol	10.48	198	96492	51.867	ng	93
66) n-Nitrosodiphenylamine	10.55	169	700743	40.651	ng	96
67) 4-Bromophenyl-phenylether	10.92	248	203194	40.140	ng	94
68) Hexachlorobenzene	10.99	284	216484	40.875	ng	97
69) Atrazine	11.07	200	198201	41.053	ng	98
70) Pentachlorophenol	11.17	266	121695	47.499	ng	98
71) Phenanthrene	11.39	178	1113387	40.138	ng	99
72) Anthracene	11.45	178	1124026	40.255	ng	100
73) Carbazole	11.59	167	1065311	40.052	ng	100
74) Di-n-butylphthalate	11.93	149	1373111	40.269	ng	99
75) Fluoranthene	12.57	202	1089984	39.984	ng	97
77) Benzidine	12.69	184	478600	38.350	ng	98
78) Pyrene	12.80	202	1102803	38.990	ng	98
80) Butylbenzylphthalate	13.42	149	563538	40.971	ng	97
81) Benzo(a)anthracene	13.99	228	801733	39.813	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	280442	41.209	ng	99
83) Chrysene	14.03	228	831368	40.073	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	707153	41.649	ng	98
85) Di-n-octyl phthalate	14.59	149	1160005	41.749	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	603886	36.239	ng	# 94
88) Benzo(b)fluoranthene	15.06	252	614185	36.444	ng	99
89) Benzo(k)fluoranthene	15.06	252	614185	39.970	ng	99
90) Benzo(a)pyrene	15.39	252	587357	40.059	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	491428	38.291	ng	# 95
92) Benzo(g,h,i)perylene	17.33	276	486237	37.148	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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SSTDCCC040

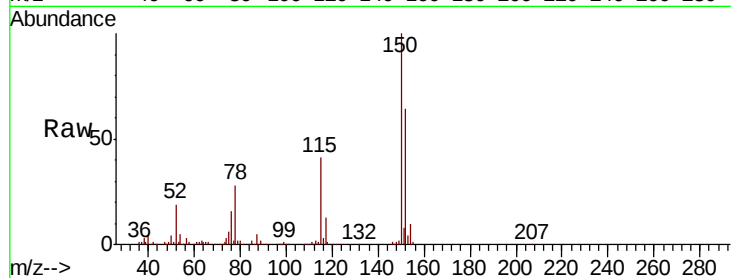
Tot Ion:152 Resp: 147050

Ion Ratio Lower Upper

152 100

150 157.2 124.4 186.6

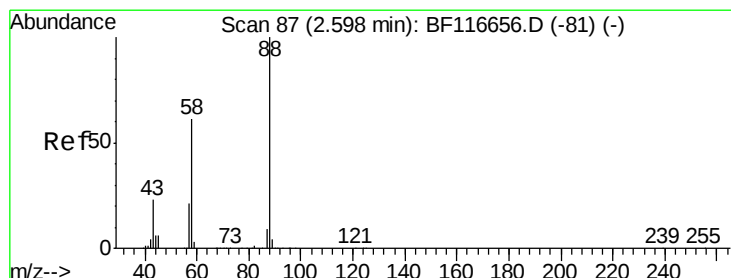
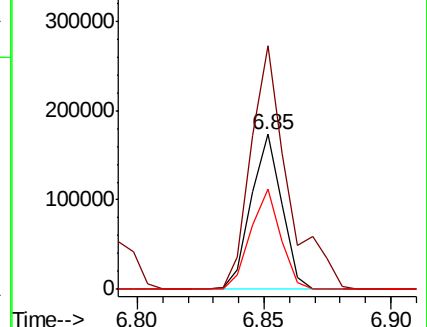
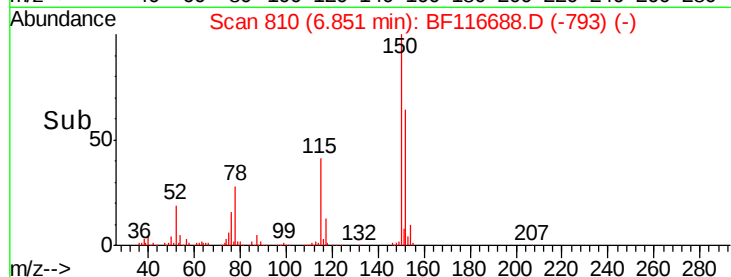
115 64.9 49.9 74.9



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: 39.235 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

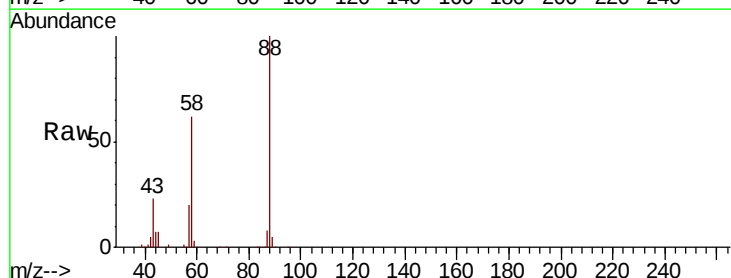
Tgt Ion: 88 Resp: 164400

Ion Ratio Lower Upper

88 100

58 62.3 51.7 77.5

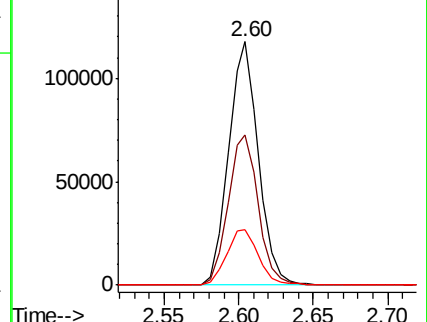
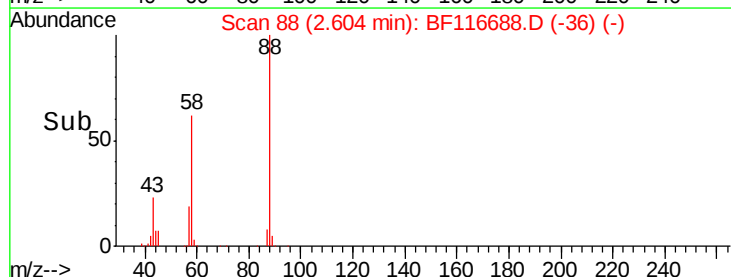
43 24.4 19.8 29.8



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: 39.569 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

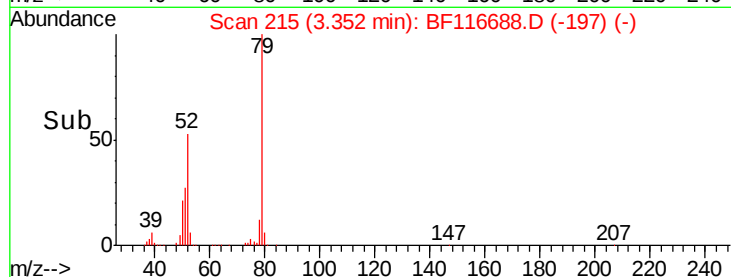
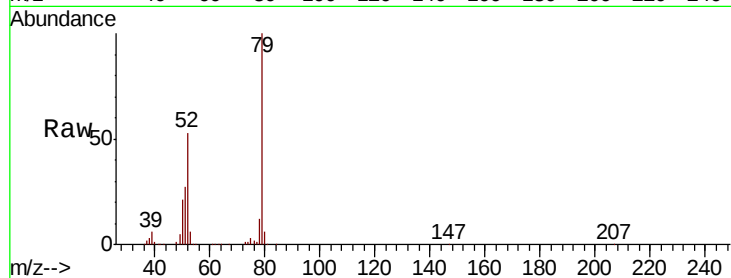
Tot Ion: 79 Resp: 480046

Ion Ratio Lower Upper

79 100

52 52.8 47.4 71.0

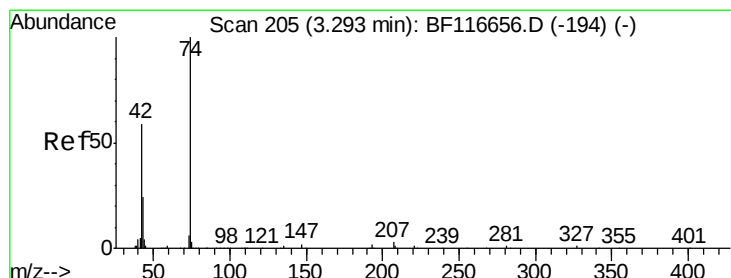
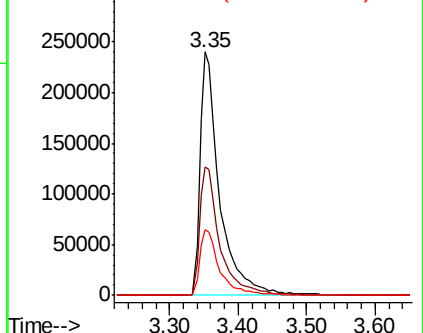
51 27.1 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.289 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

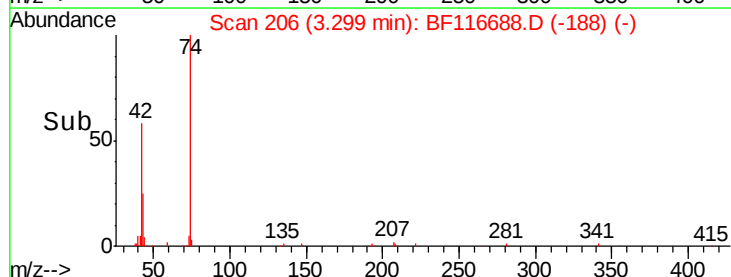
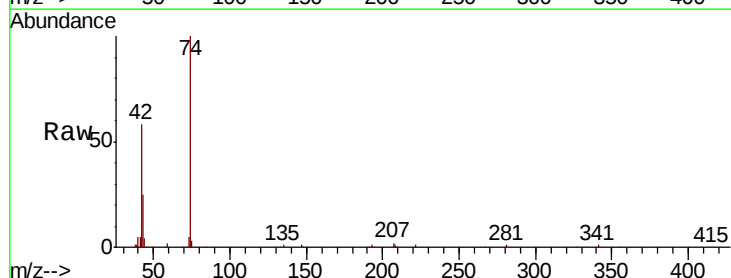
Tgt Ion: 42 Resp: 163679

Ion Ratio Lower Upper

42 100

74 171.5 115.6 173.4

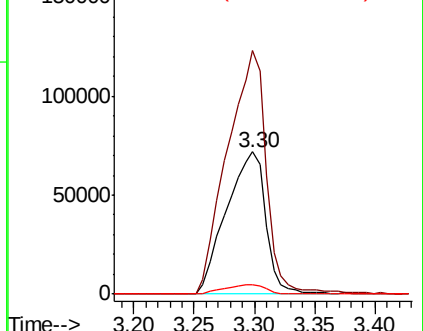
44 6.3 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.582 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

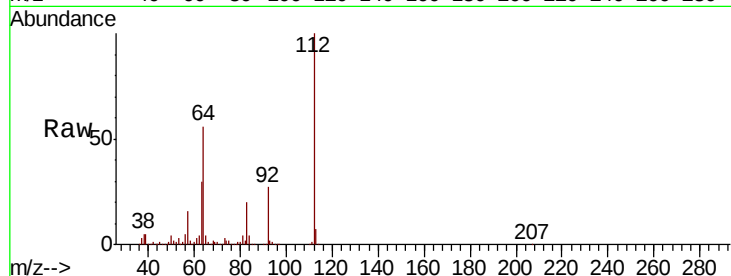
Tot Ion:112 Resp: 722351

Ion Ratio Lower Upper

112 100

64 56.2 47.1 70.7

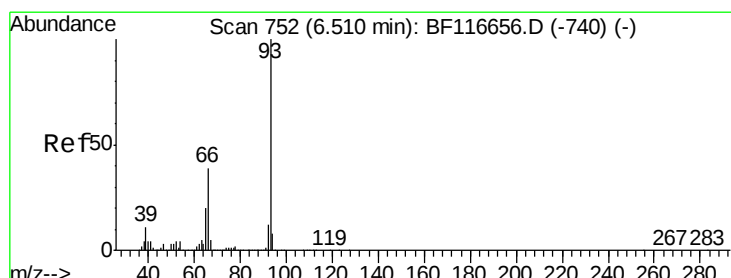
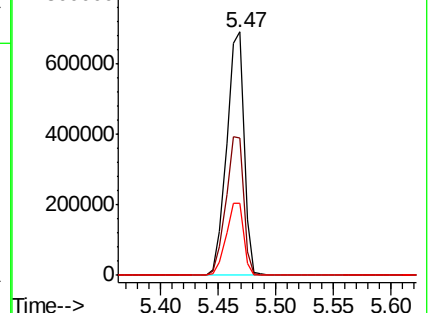
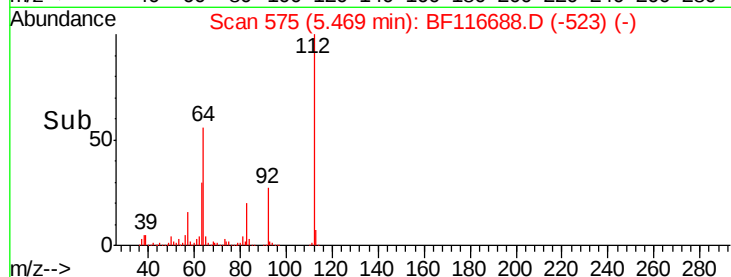
63 29.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.683 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

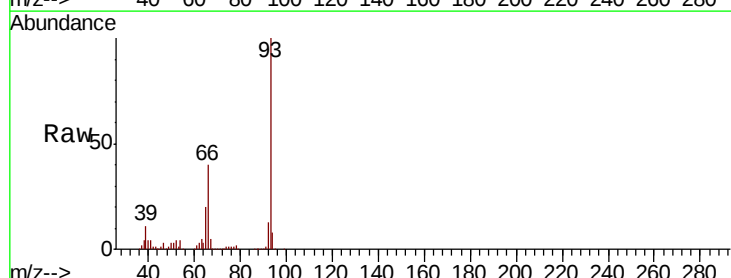
Tgt Ion: 93 Resp: 655093

Ion Ratio Lower Upper

93 100

66 40.4 32.7 49.1

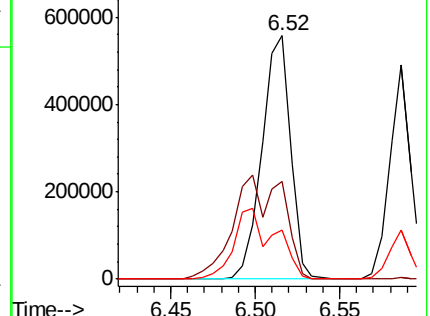
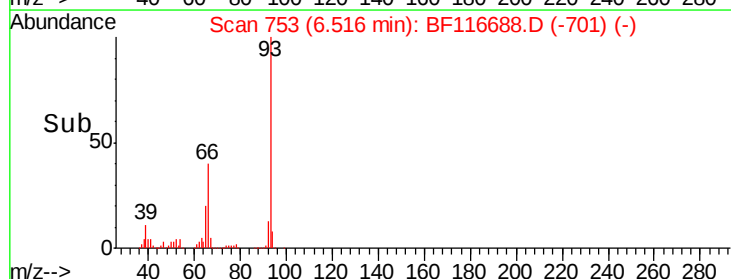
65 20.0 16.3 24.5

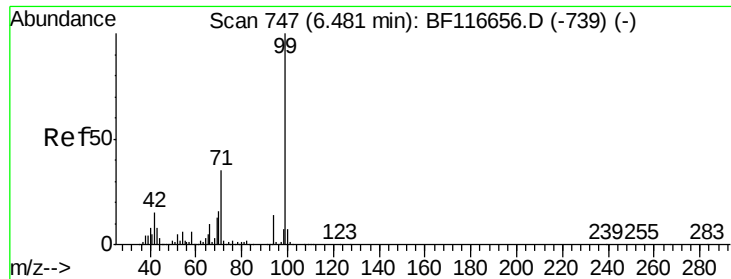


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.160 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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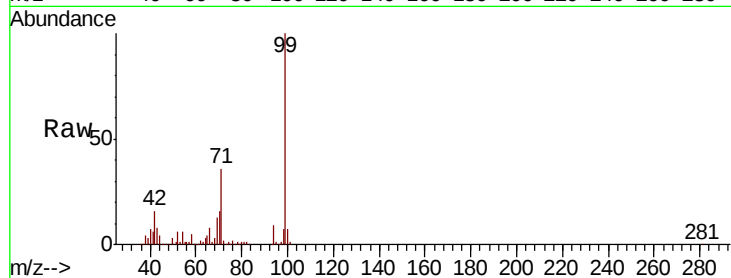
Tot Ion: 99 Resp: 955418

Ion Ratio Lower Upper

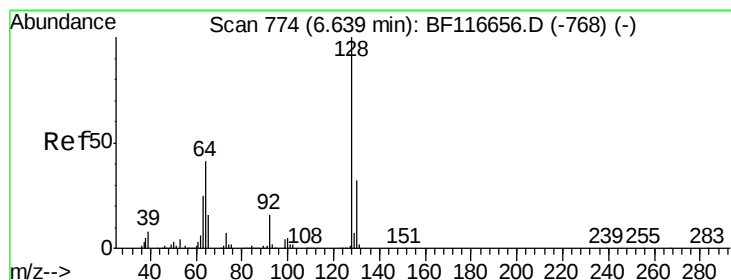
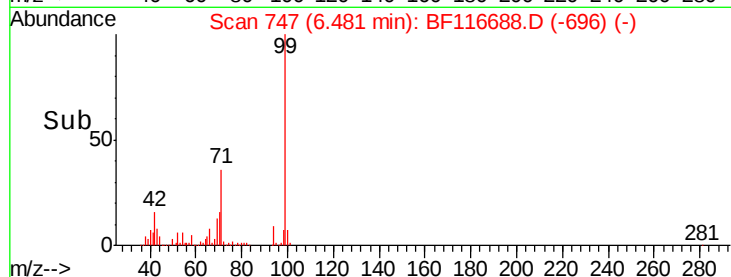
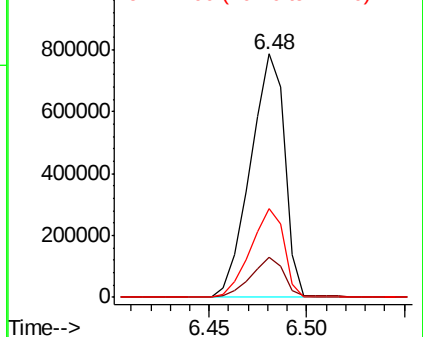
99 100

42 16.4 13.7 20.5

71 36.2 30.8 46.2



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: 40.704 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

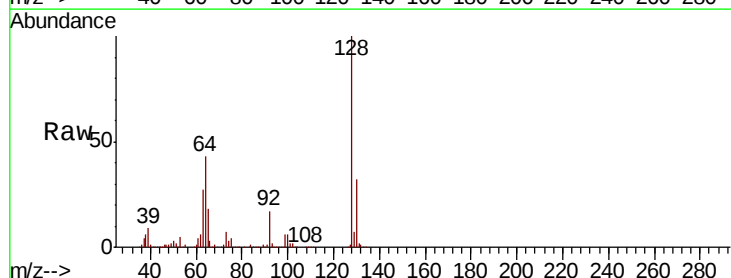
Tgt Ion: 128 Resp: 403322

Ion Ratio Lower Upper

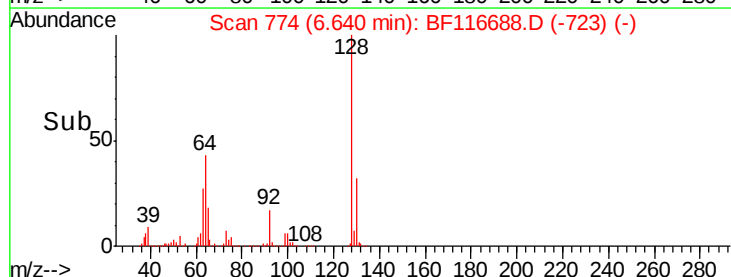
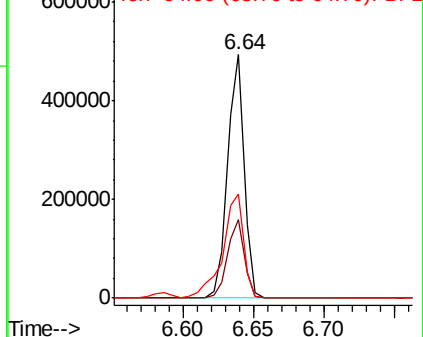
128 100

130 32.3 12.3 52.3

64 42.6 22.5 62.5



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: 38.147 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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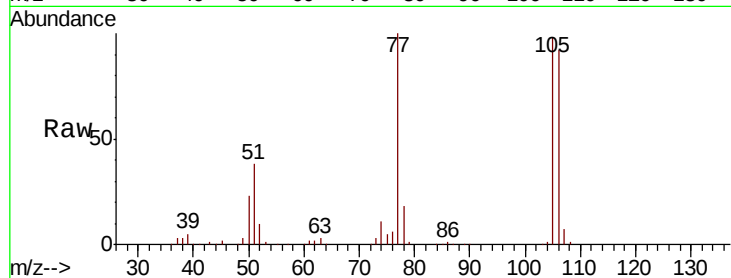
Tot Ion: 77 Resp: 299541

Ion Ratio Lower Upper

77 100

105 98.5 76.7 116.7

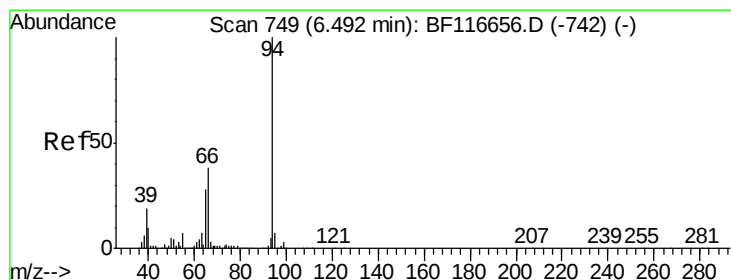
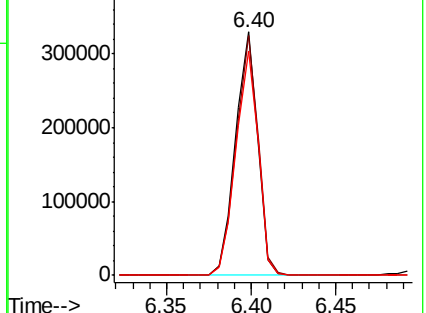
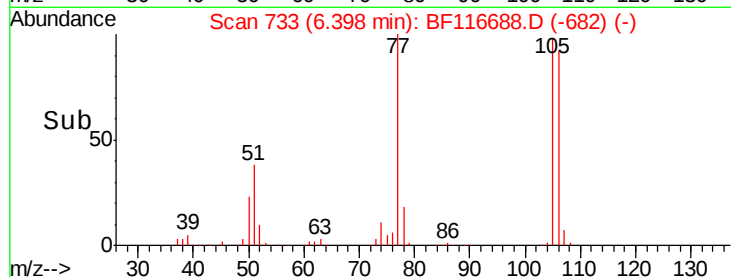
106 92.4 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.540 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

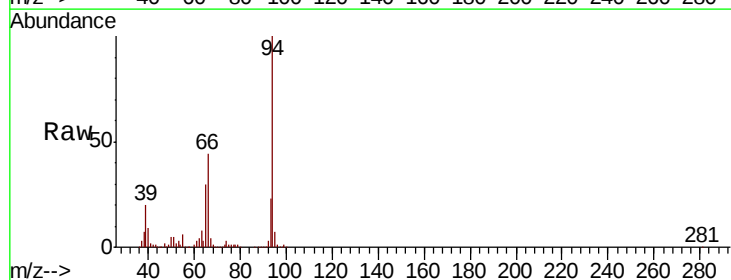
Tgt Ion: 94 Resp: 535049

Ion Ratio Lower Upper

94 100

65 30.4 10.8 50.8

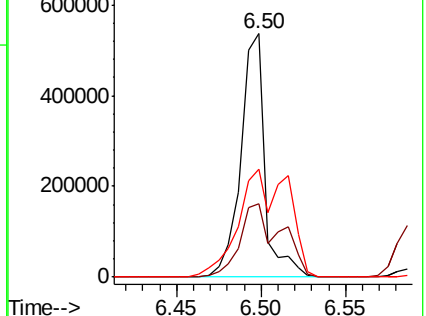
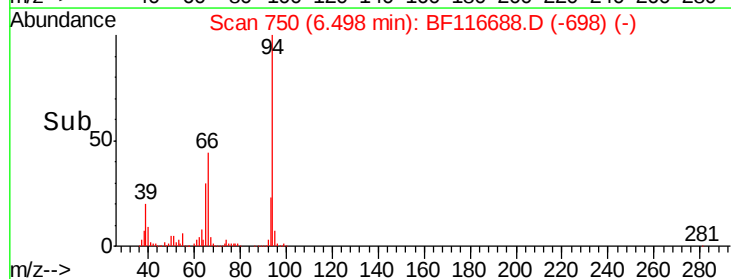
66 44.2 21.1 61.1



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

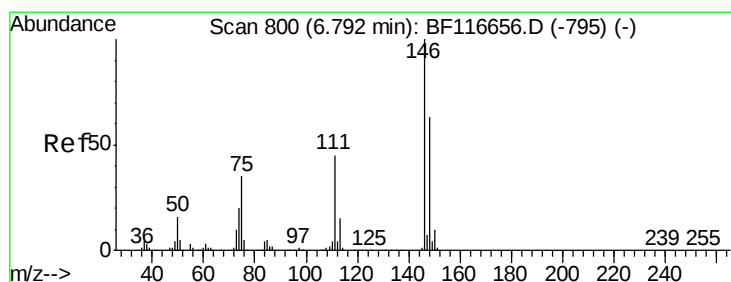
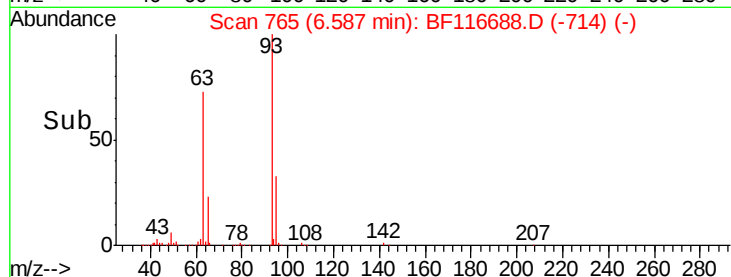
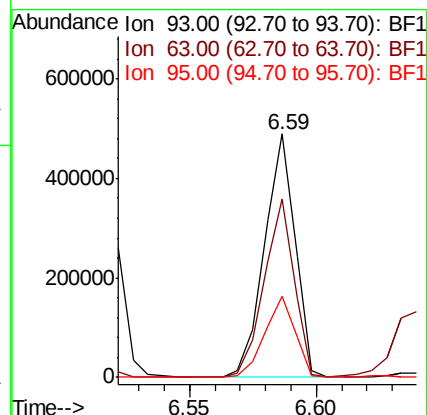
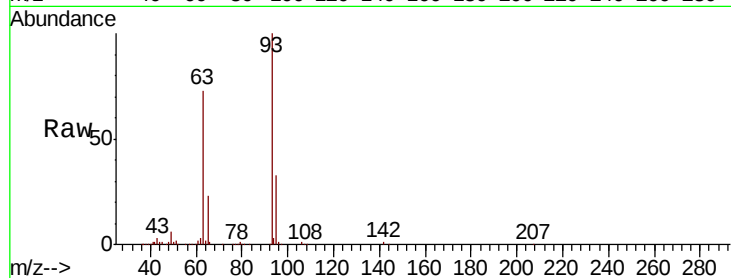




#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

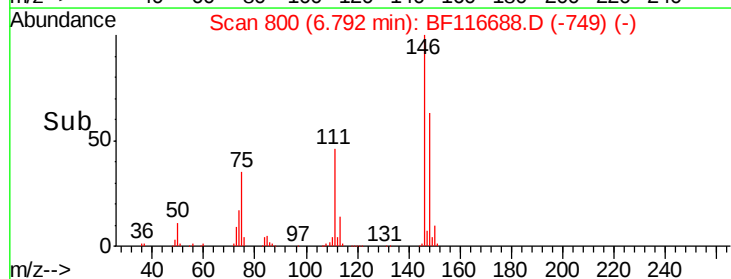
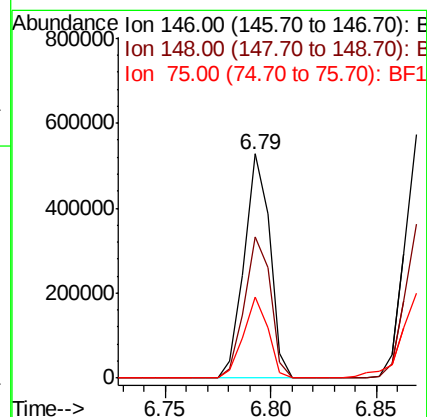
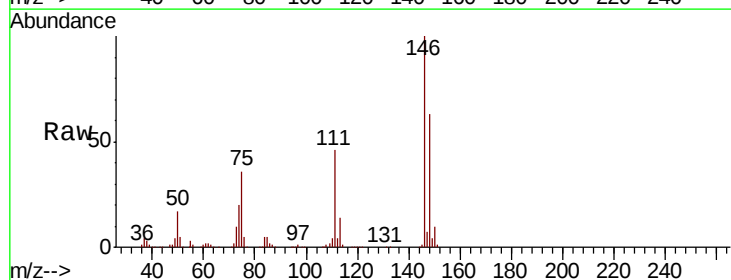
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

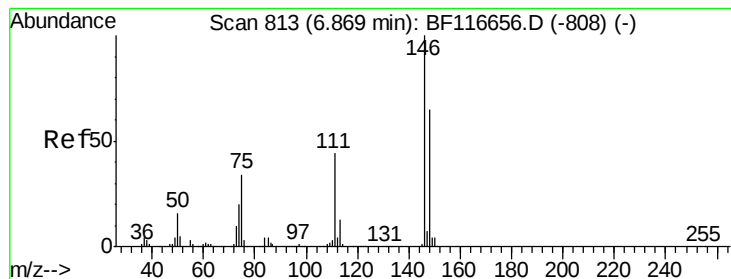
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	49.9	89.9
95	33.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 39.741 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	36.1	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 40.413 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

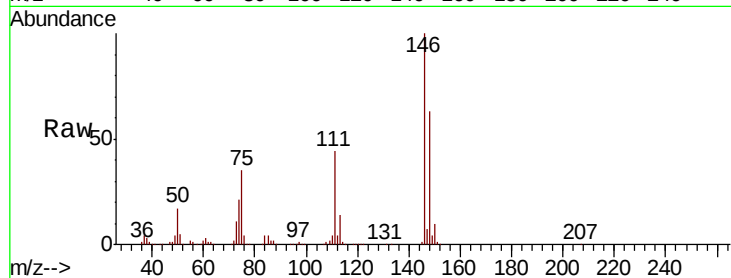
Tot Ion:146 Resp: 450578

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

111 43.7 34.8 52.2

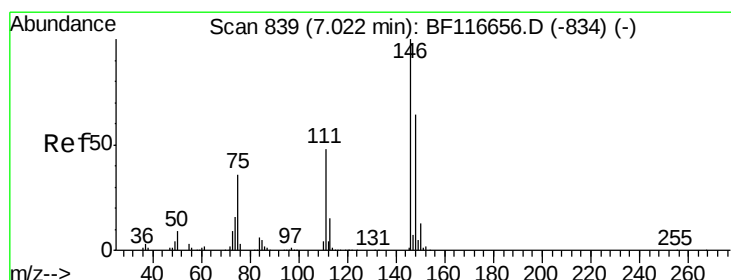
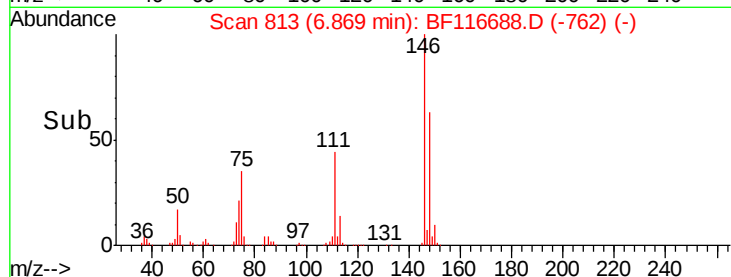
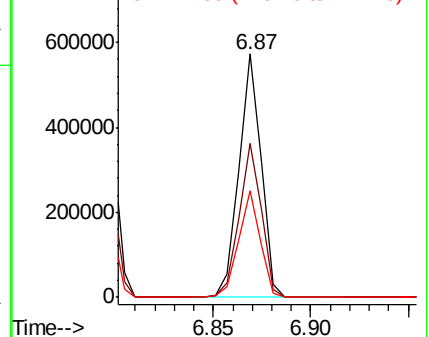


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.317 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

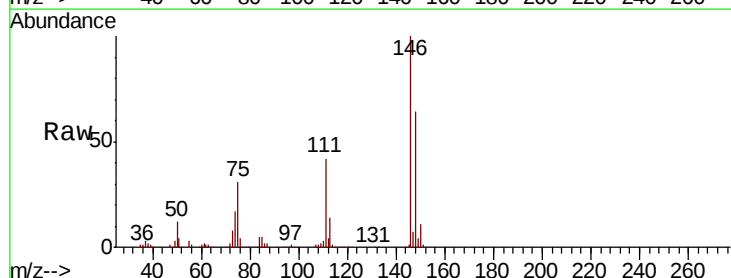
Tgt Ion:146 Resp: 416566

Ion Ratio Lower Upper

146 100

148 64.4 52.6 78.8

111 42.4 34.2 51.4

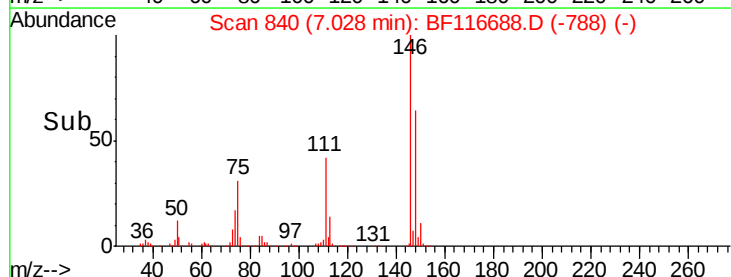
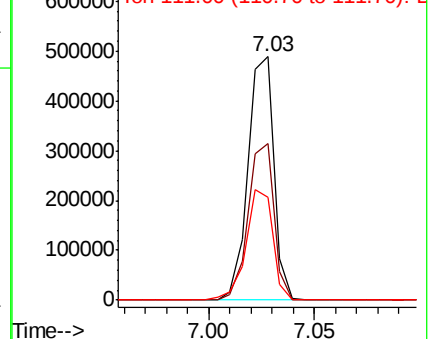


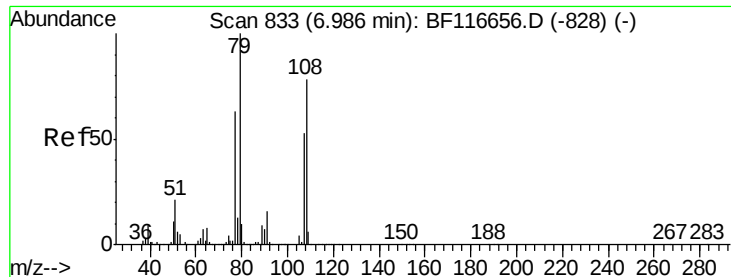
Abundance

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: 40.946 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

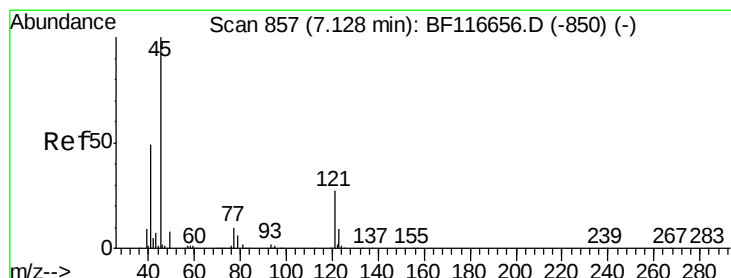
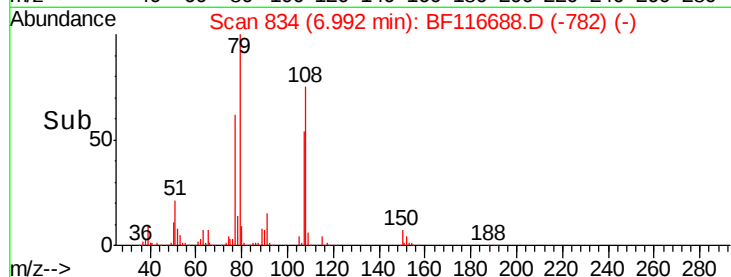
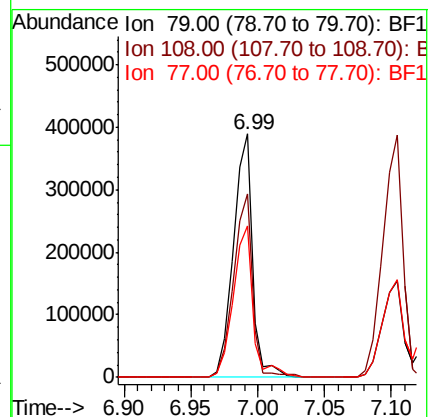
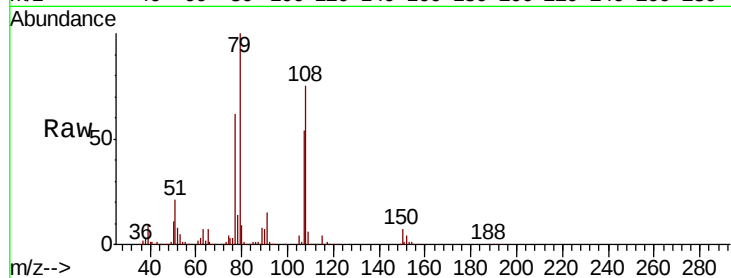
Tot Ion: 79 Resp: 396150

Ion Ratio Lower Upper

79 100

108 75.3 59.2 88.8

77 62.0 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.797 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

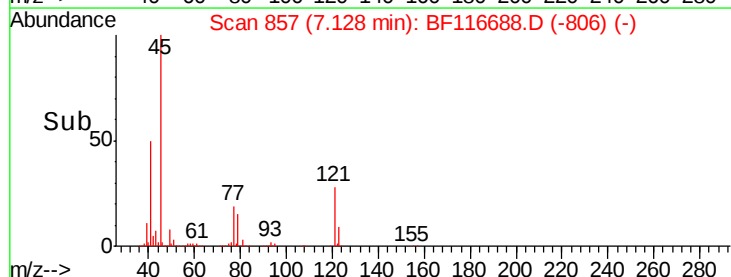
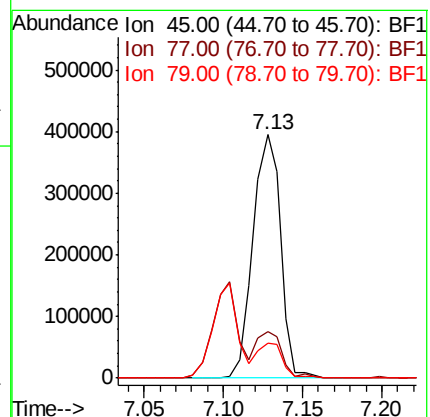
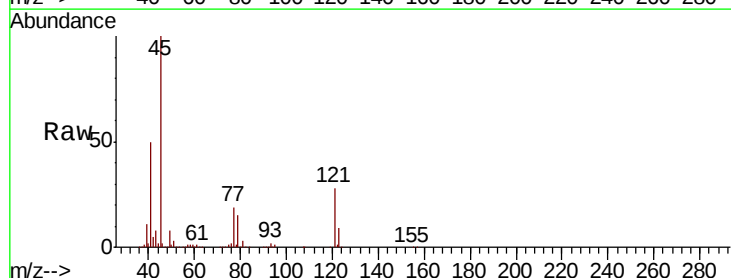
Tgt Ion: 45 Resp: 479838

Ion Ratio Lower Upper

45 100

77 18.9 0.0 38.2

79 14.6 0.0 33.9

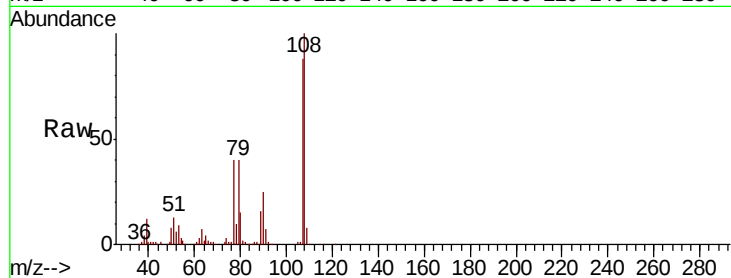




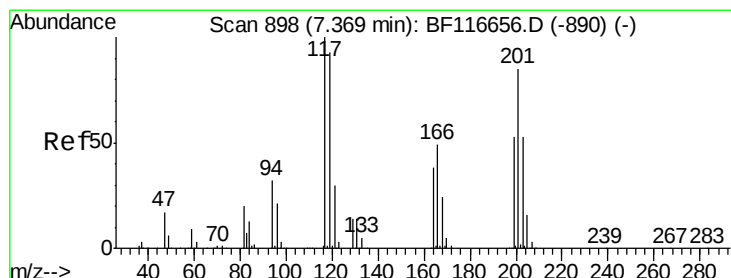
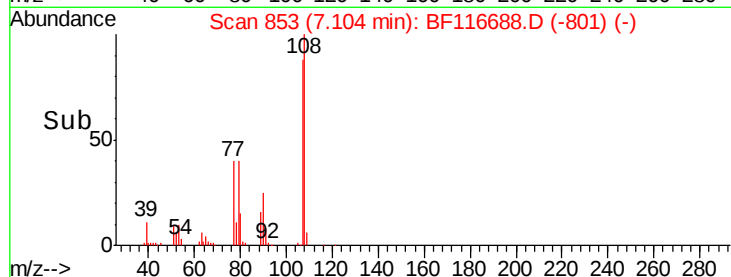
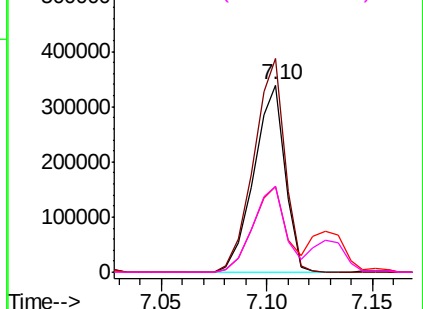
#17
2-Methylphenol
Concen: 40.136 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	348140
Ion	Ratio	Lower	Upper
107	100		
108	114.2	88.3	132.5
77	45.9	39.9	59.9
79	45.6	39.8	59.8

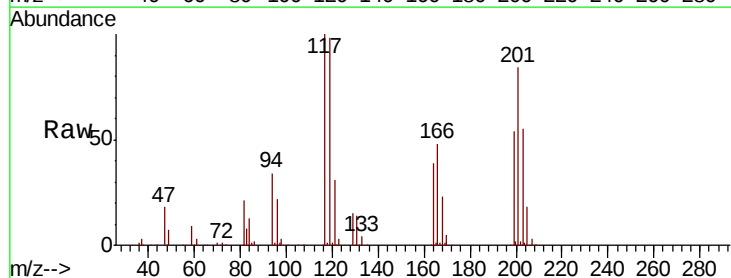


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

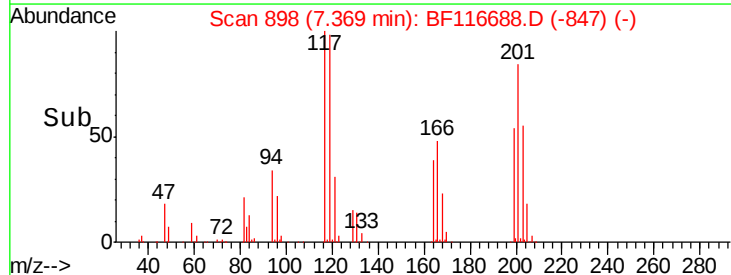
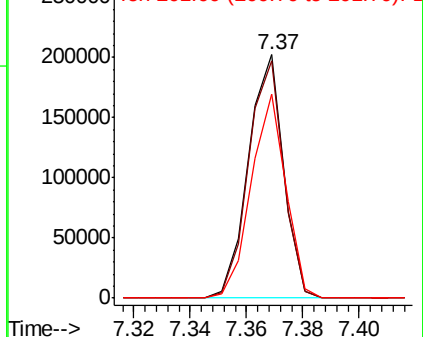


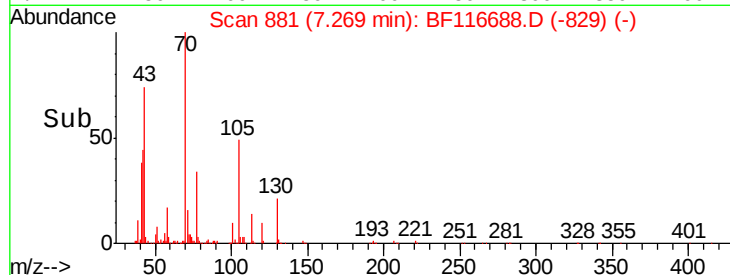
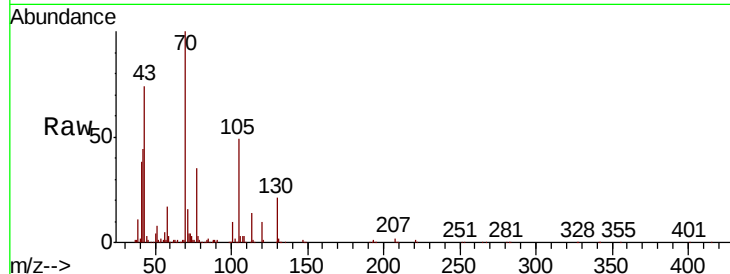
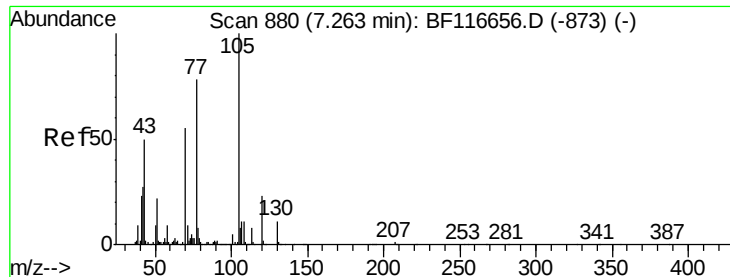
#18
Hexachloroethane
Concen: 40.310 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:	117	Resp:	174613
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	83.6	79.4	119.0



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

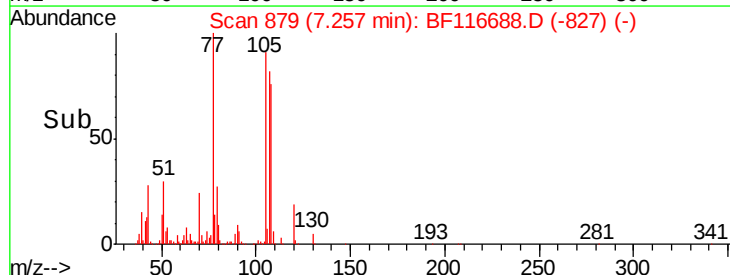
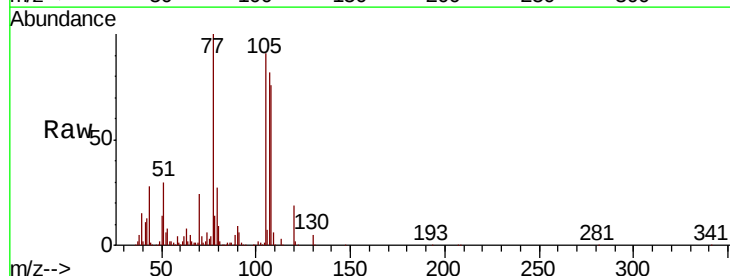
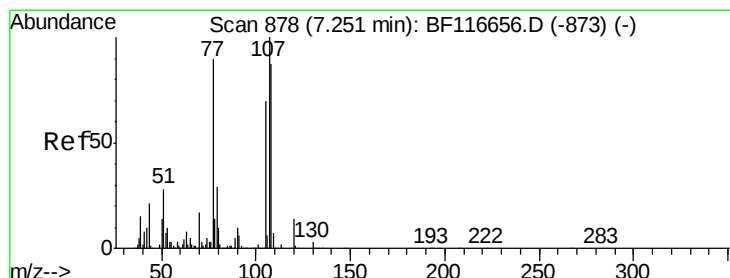
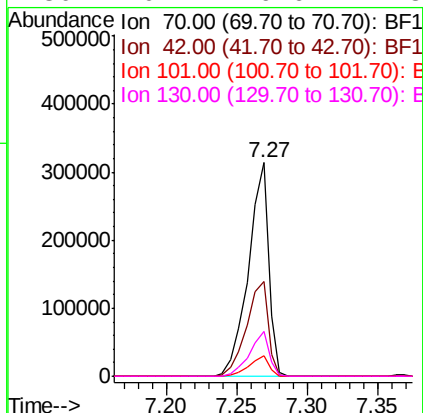




#19
n-Nitroso-di-n-propylamine
Concen: 40.306 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

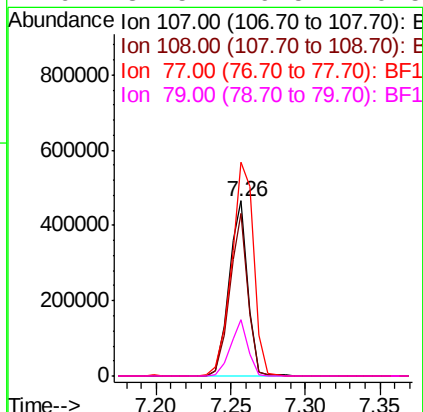
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	316316
Ion	Ratio	Lower	Upper
70	100		
42	44.1	43.5	65.3
101	9.6	7.8	11.6
130	20.7	16.6	24.8



#20
3+4-Methylphenols
Concen: 40.853 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:	107	Resp:	412020
Ion	Ratio	Lower	Upper
107	100		
108	92.7	65.5	105.5
77	122.1	69.4	109.4#
79	32.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 615638

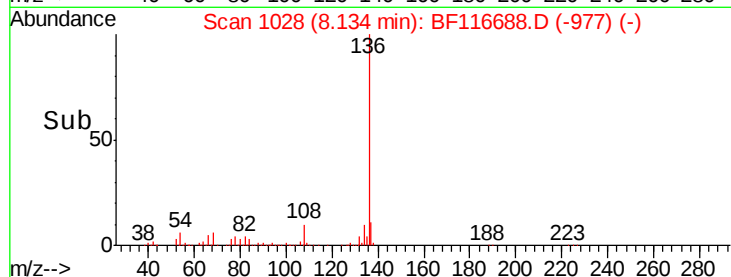
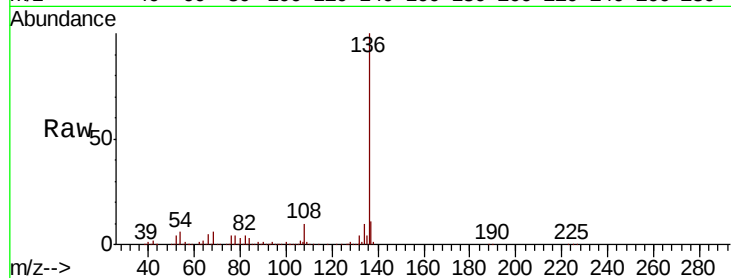
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 4.8 7.2

68 5.7 4.0 6.0



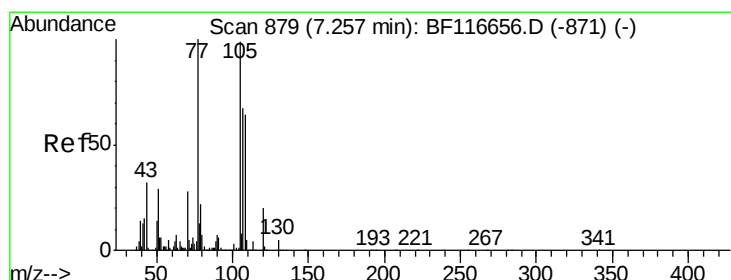
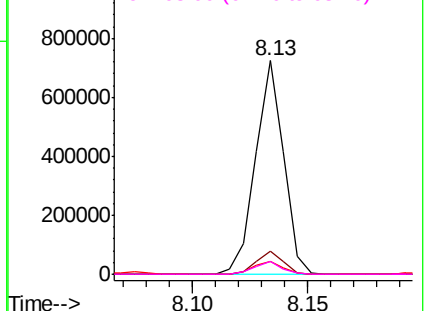
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.812 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:105 Resp: 590072

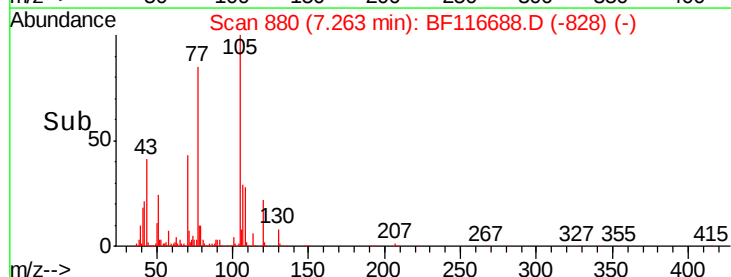
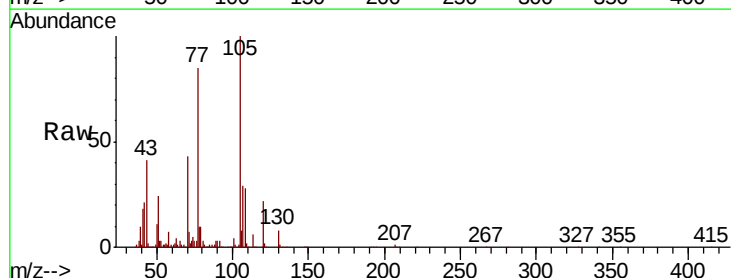
Ion Ratio Lower Upper

105 100

71 7.0 4.2 6.4#

51 23.7 25.8 38.8#

120 21.7 16.4 24.6



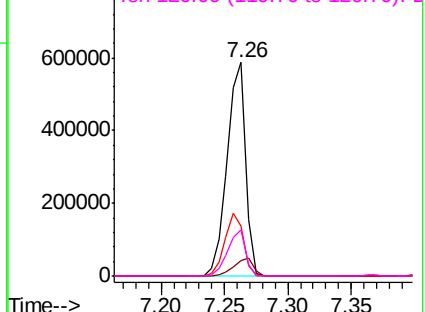
Abundance

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

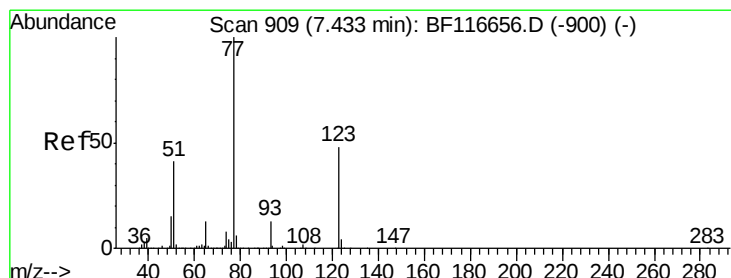
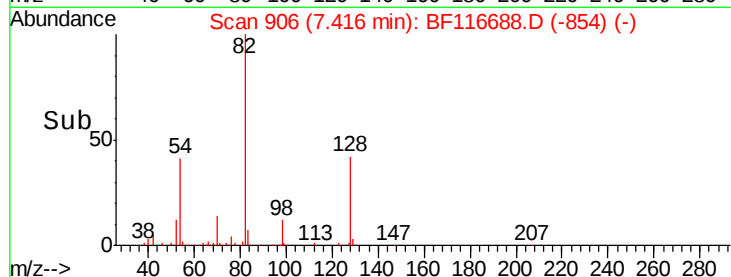
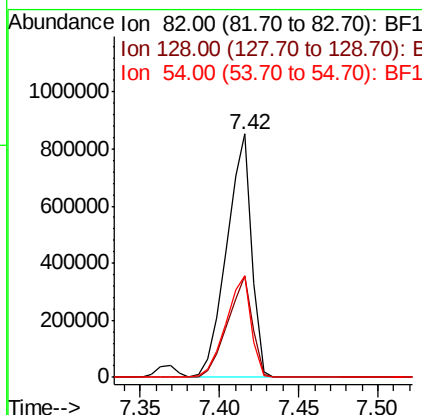
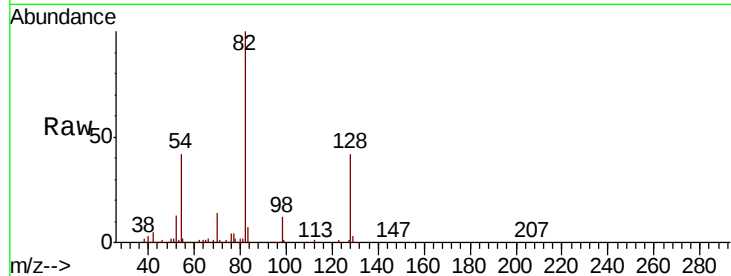




#23
 Nitrobenzene-d5
 Concen: 85.726 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

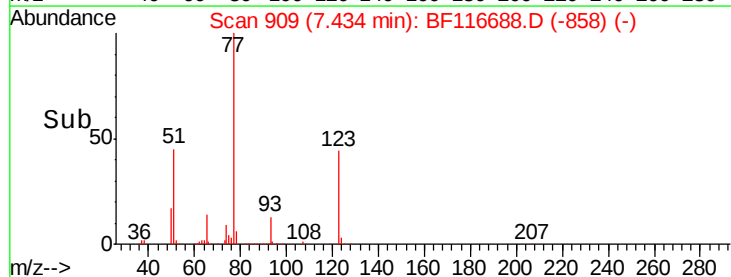
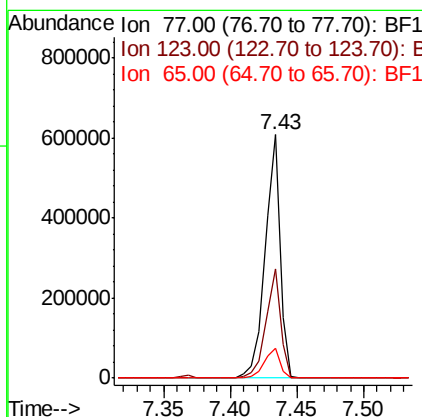
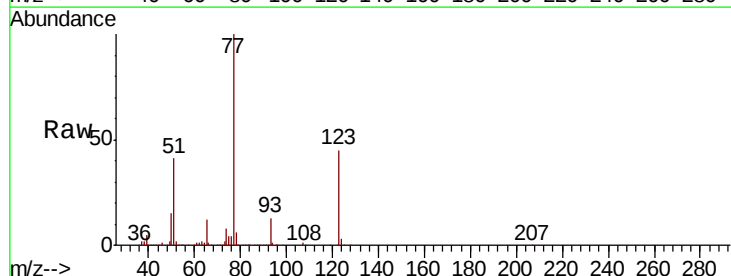
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	924480
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.8	49.2
54	41.8	36.9	55.3



#24
 Nitrobenzene
 Concen: 42.954 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	77	Resp	471112
Ion Ratio	Lower	Upper	
77	100		
123	44.8	33.1	49.7
65	12.5	10.6	15.8





#25

Isophorone

Concen: 39.439 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

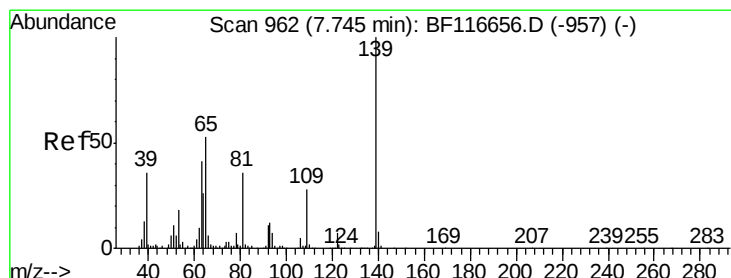
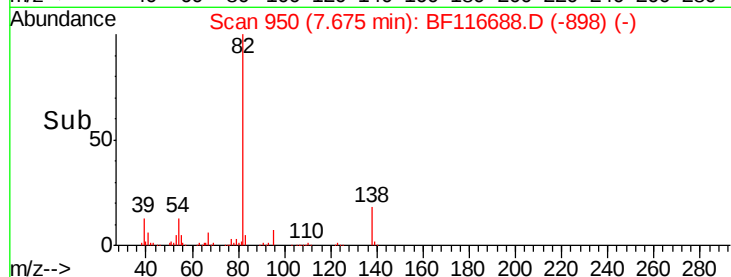
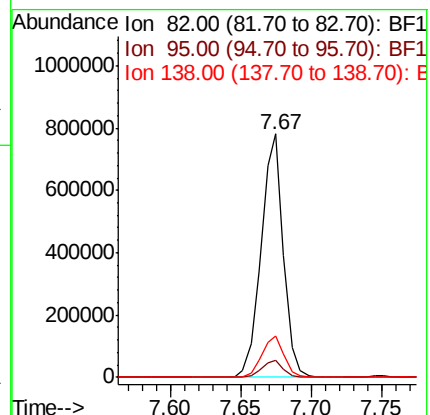
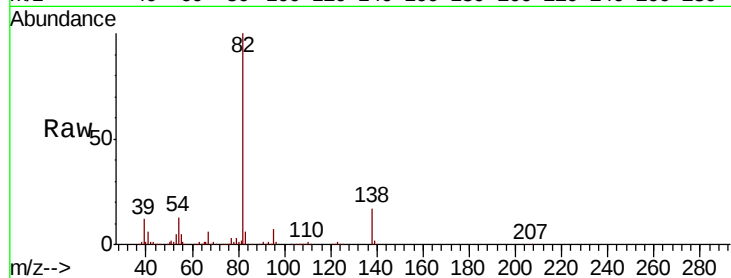
Tot Ion: 82 Resp: 861846

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 49.017 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

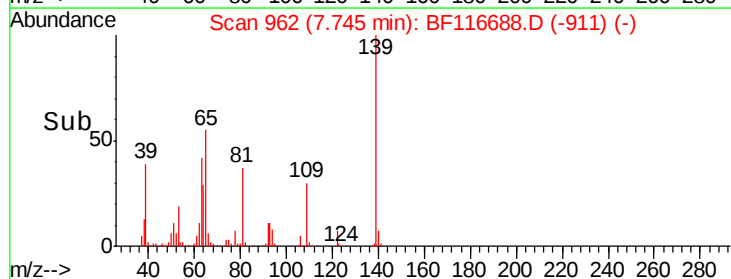
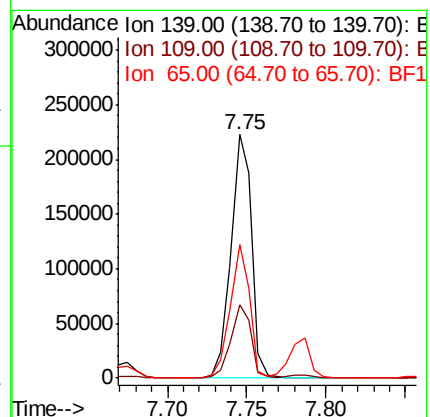
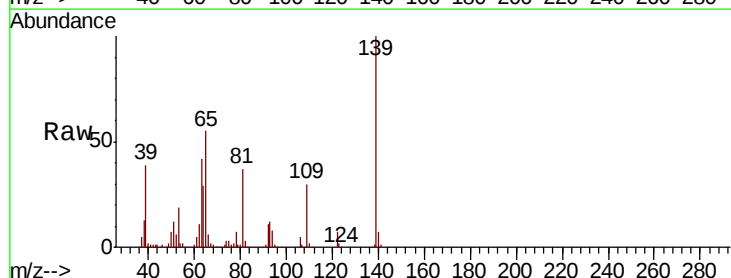
Tgt Ion: 139 Resp: 199877

Ion Ratio Lower Upper

139 100

109 30.2 27.1 40.7

65 55.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 40.021 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

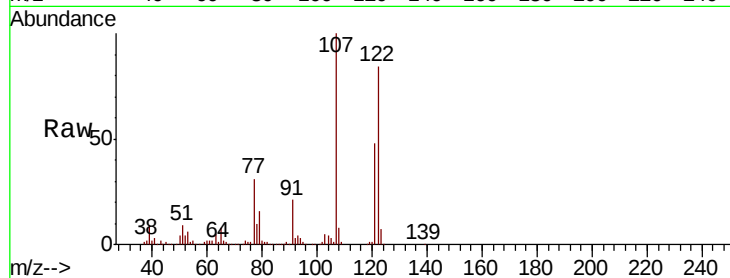
Tot Ion:122 Resp: 329587

Ion Ratio Lower Upper

122 100

107 119.3 98.1 147.1

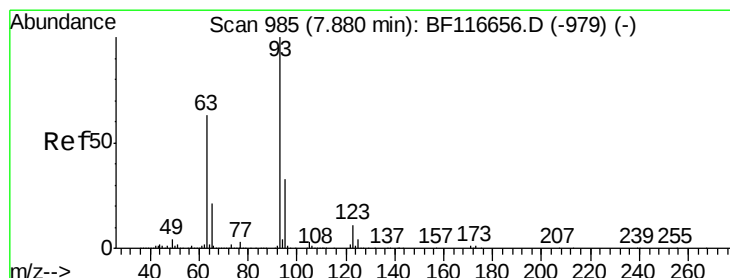
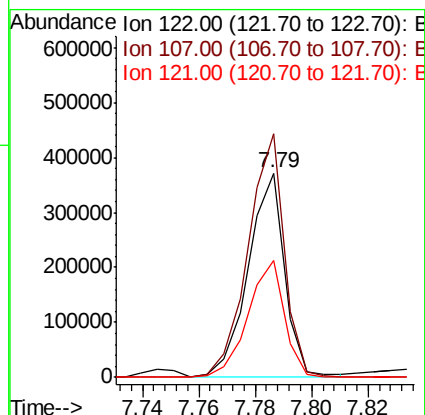
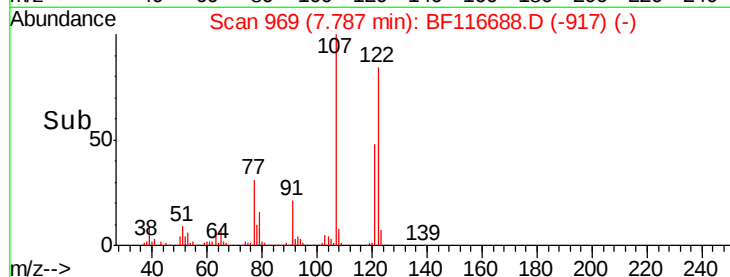
121 57.6 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.264 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

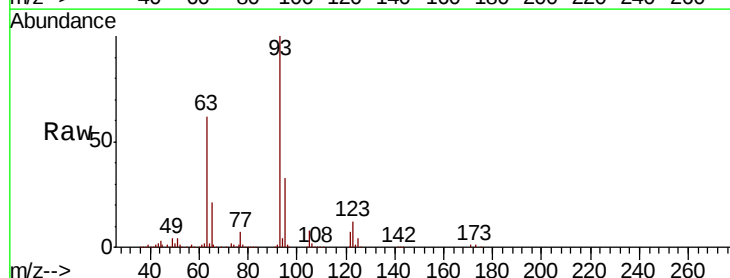
Tgt Ion: 93 Resp: 537685

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

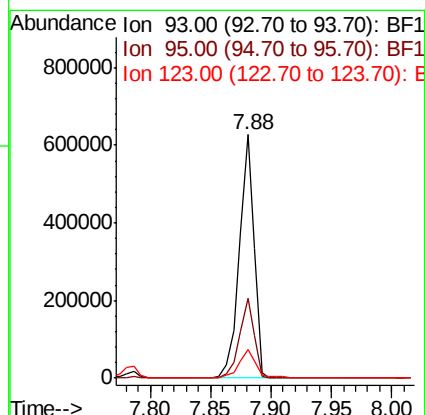
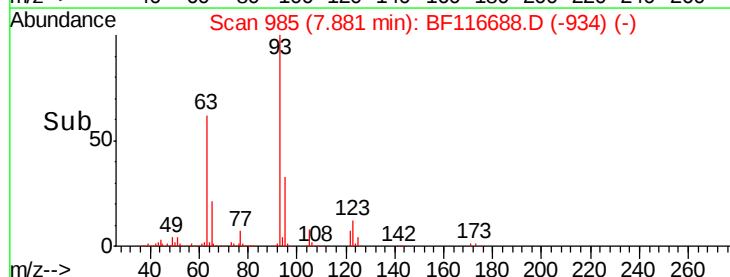
123 11.7 9.8 14.8

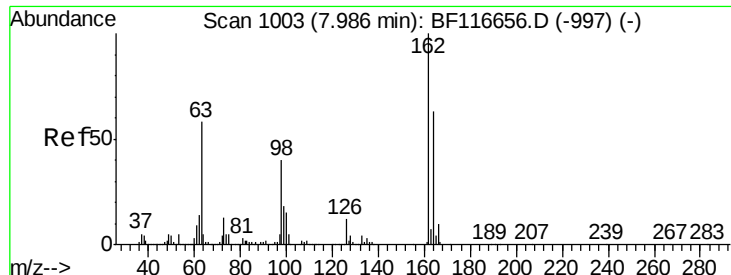


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

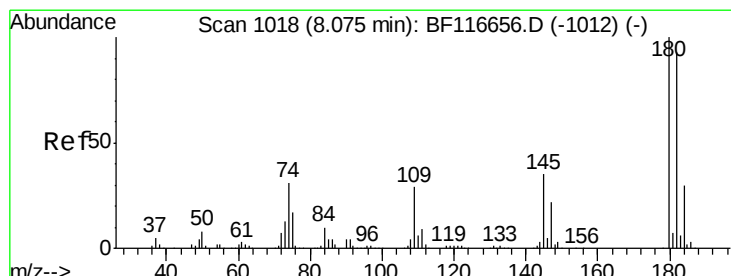
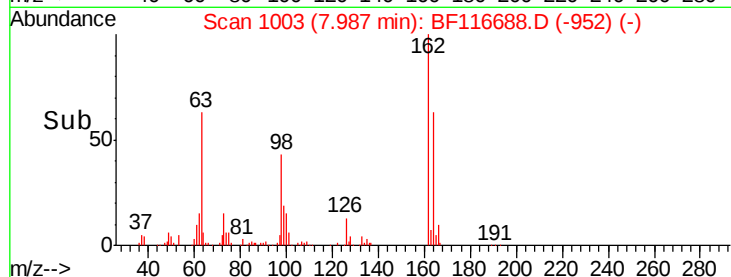
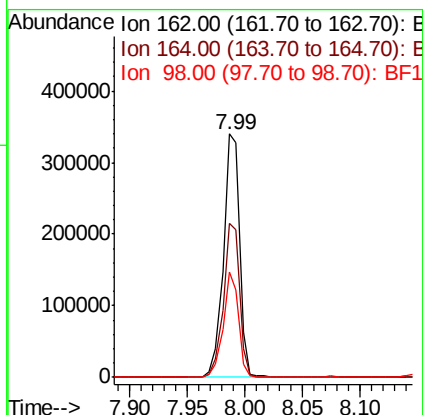
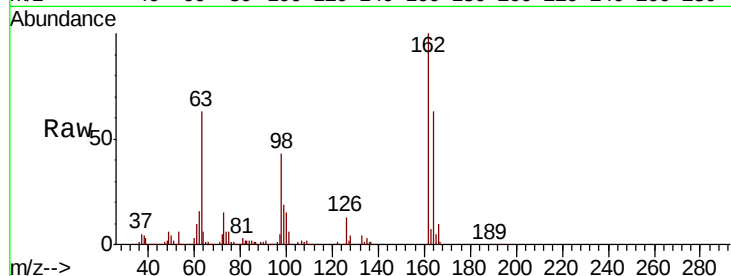




#29
 2,4-Dichlorophenol
 Concen: 42.069 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

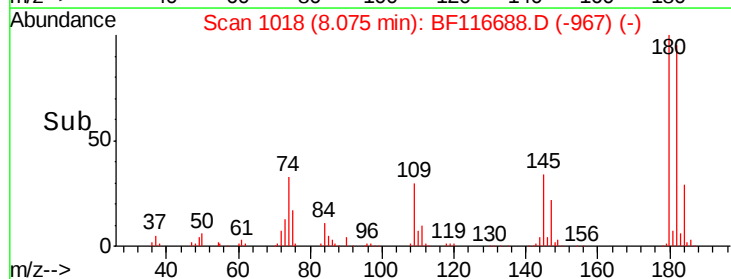
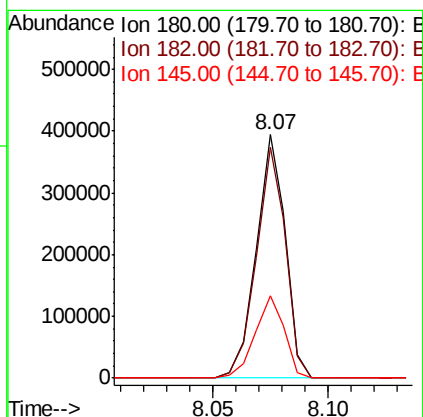
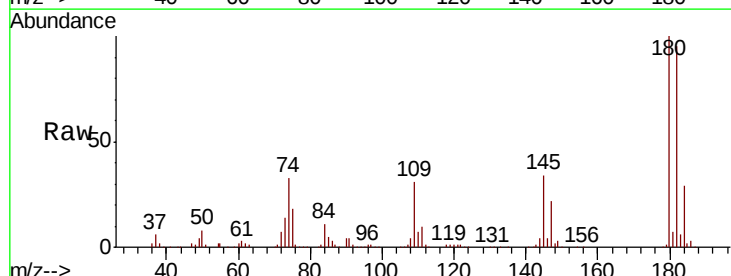
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

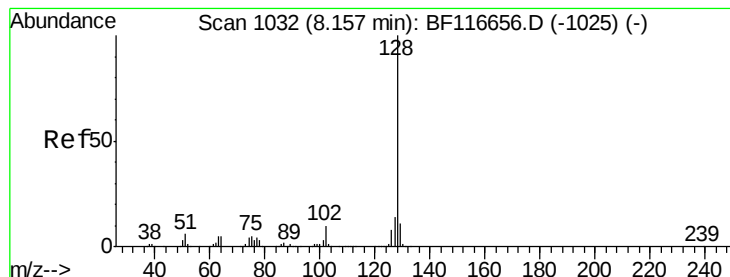
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	43.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.366 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.6	118.0
145	33.9	25.7	38.5





#31

Naphthalene

Concen: 40.469 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

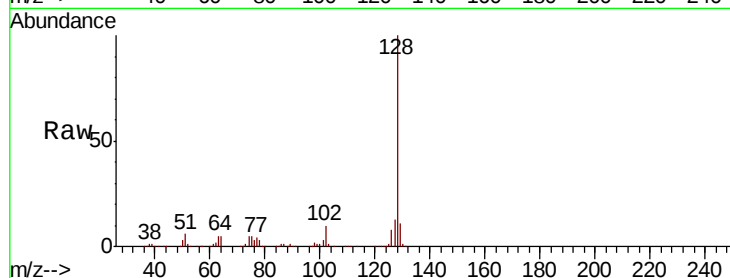
Tot Ion:128 Resp: 1184702

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

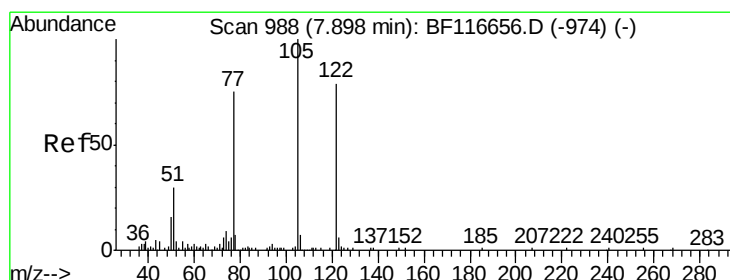
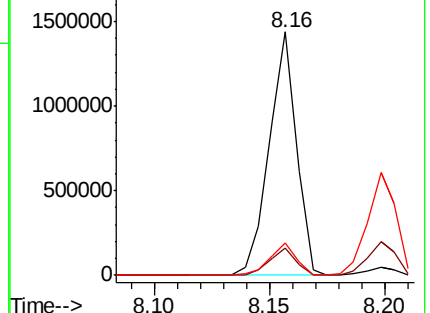
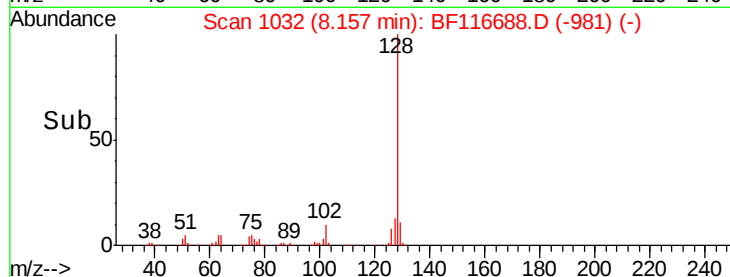
127 13.5 10.4 15.6



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: 39.865 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

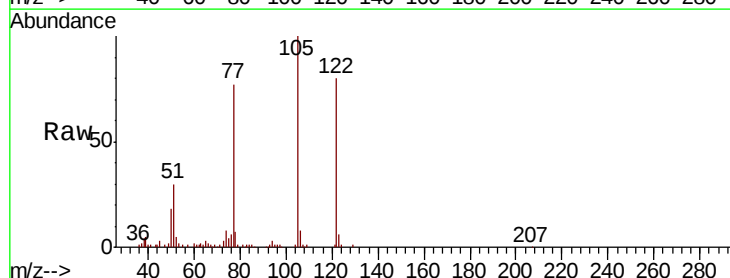
Tgt Ion:122 Resp: 185370

Ion Ratio Lower Upper

122 100

105 125.5 110.0 150.0

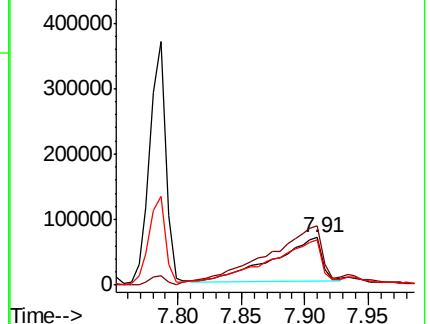
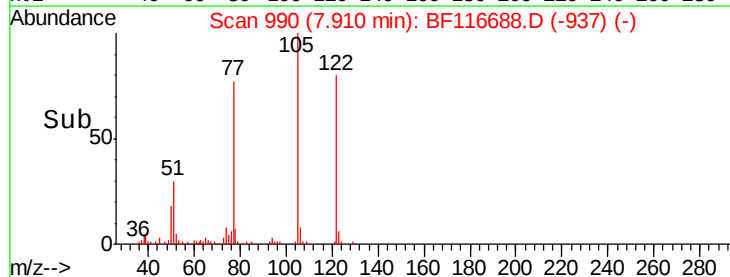
77 96.6 81.7 121.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

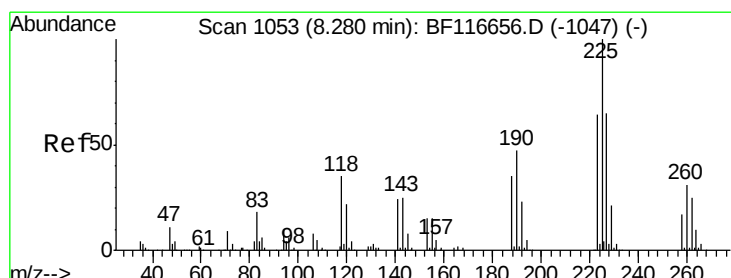
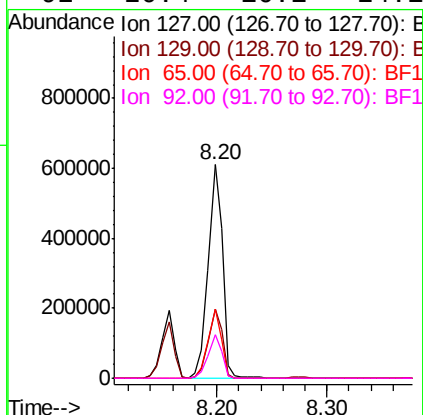
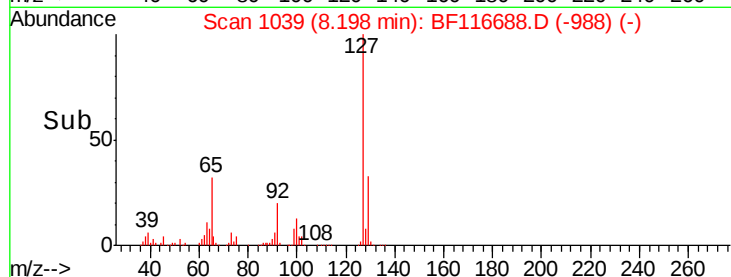
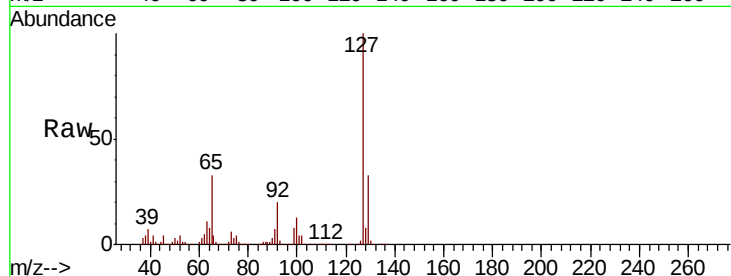




#33
4-Chloroaniline
Concen: 39.915 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

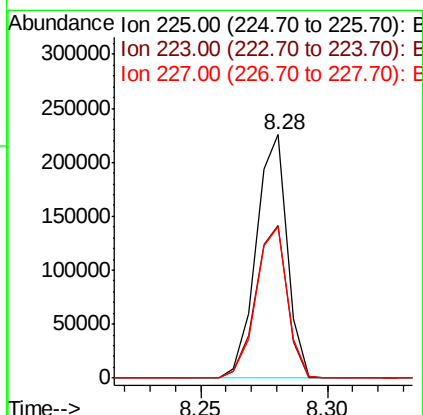
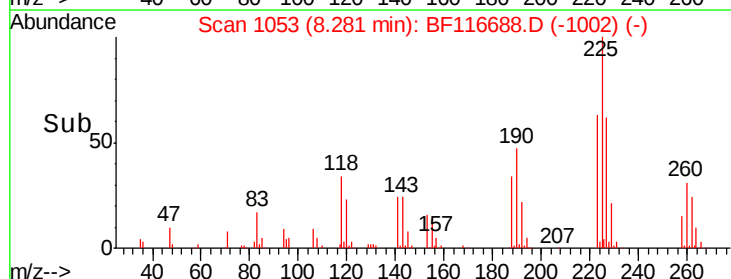
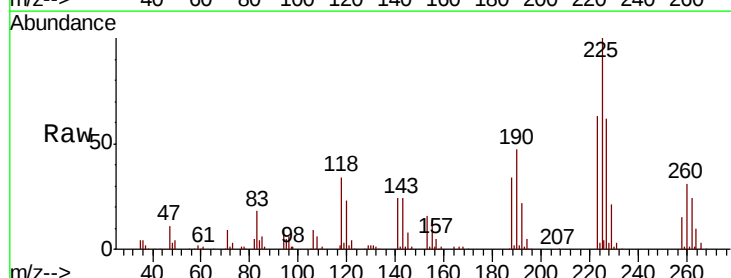
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	531893
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	32.5	26.0	39.0
92	20.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.186 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:	225	Resp:	192769
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	62.2	51.0	76.4

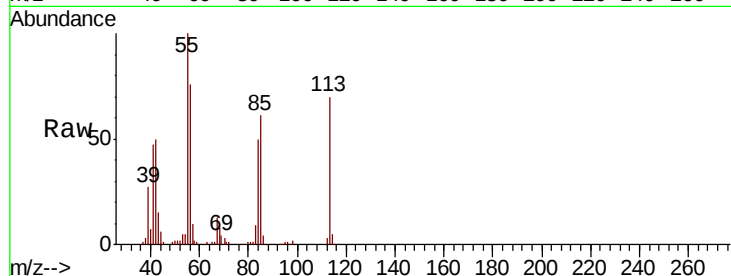




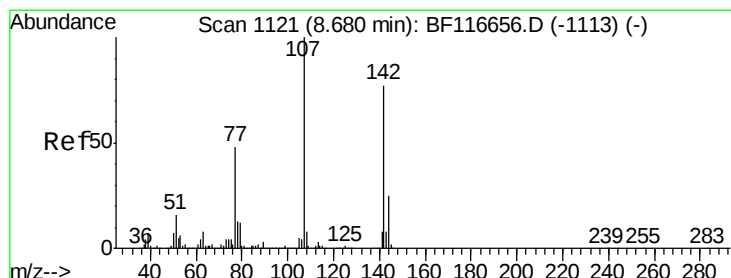
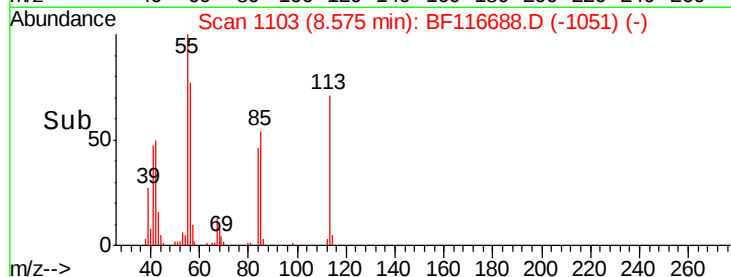
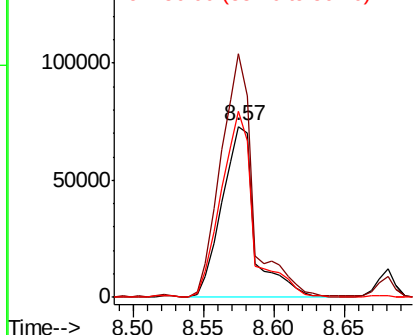
#35
 Caprolactam
 Concen: 39.924 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 118250
 Ion Ratio Lower Upper
 113 100
 55 142.5 124.3 164.3
 56 108.9 94.6 134.6

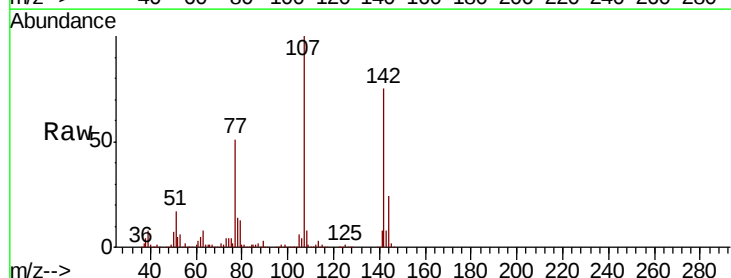


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

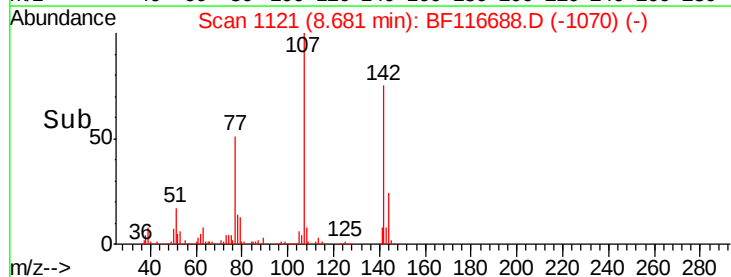
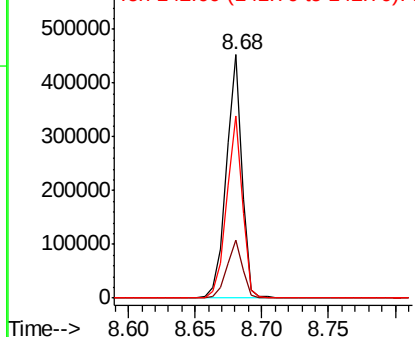


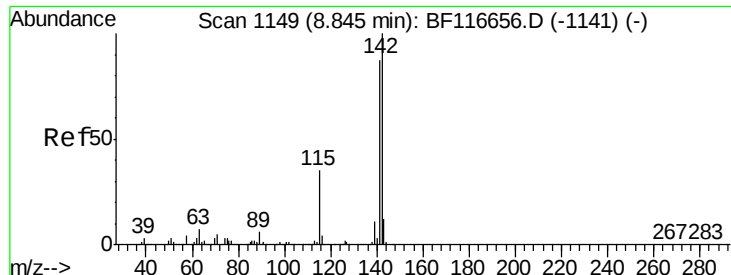
#36
 4-Chloro-3-methylphenol
 Concen: 41.418 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:107 Resp: 376744
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.6 27.8
 142 74.8 58.5 87.7



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

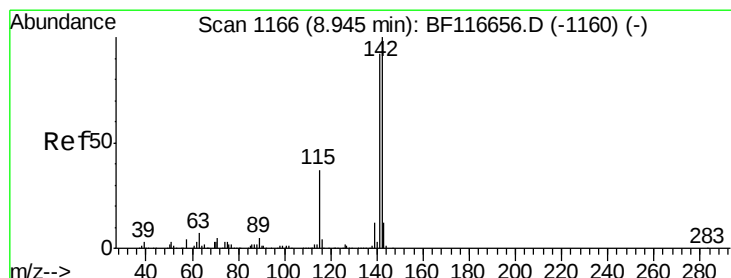
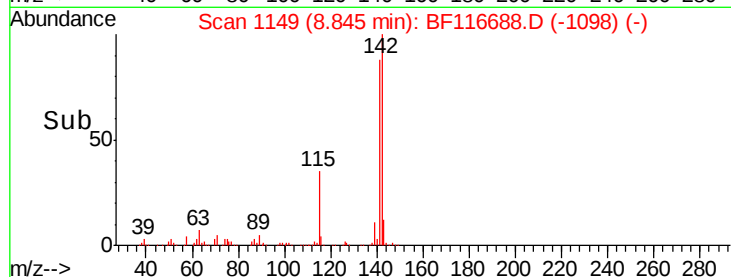
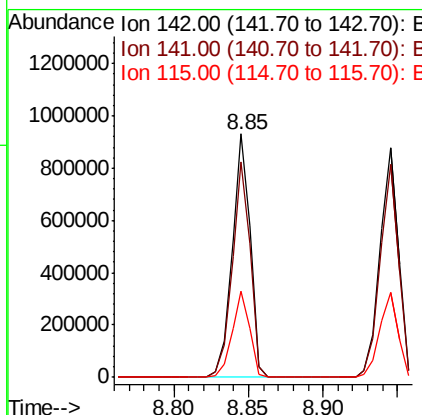
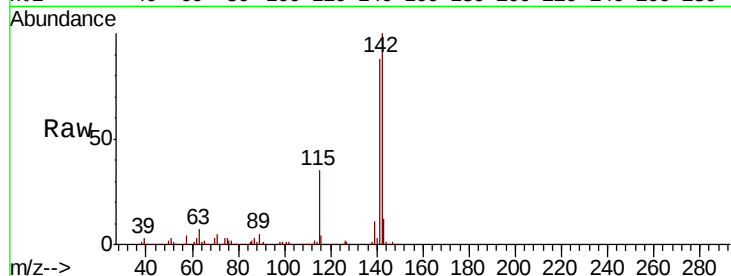




#37
2-Methylnaphthalene
Concen: 40.770 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

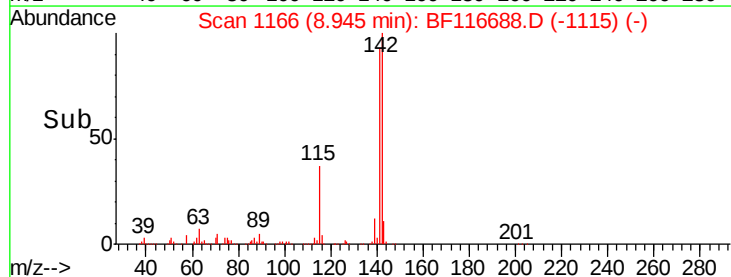
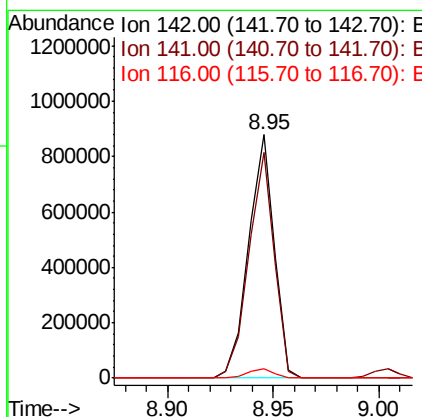
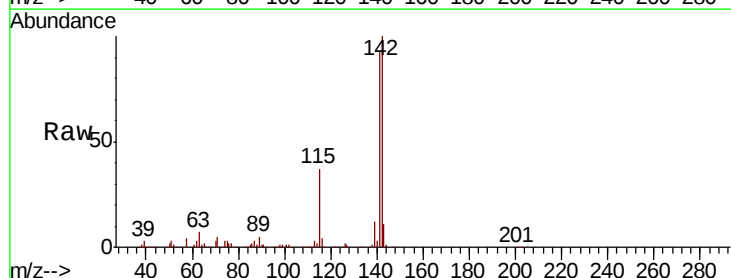
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	109.0
115	35.4	29.8	44.6



#38
1-Methylnaphthalene
Concen: 40.355 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	3.8	3.0	4.6

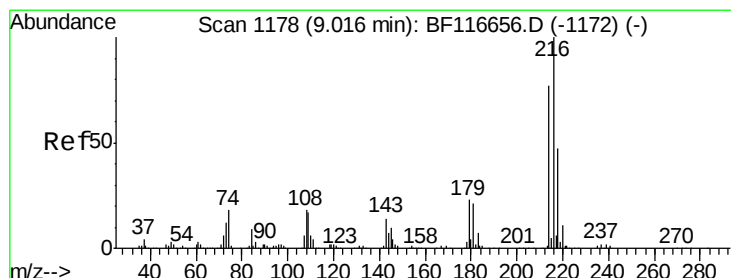
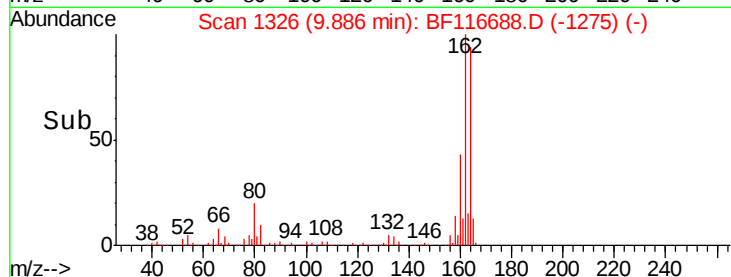
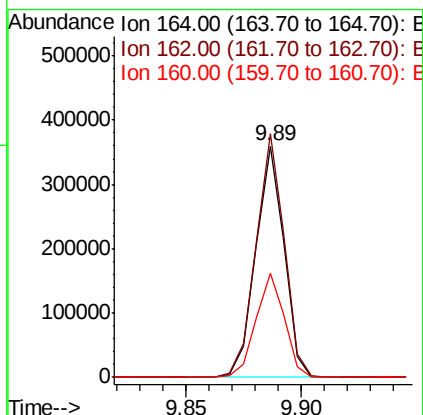
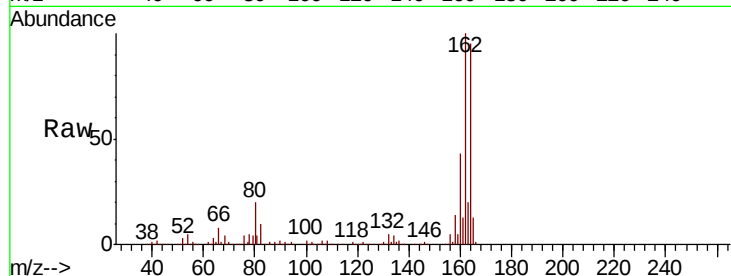




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

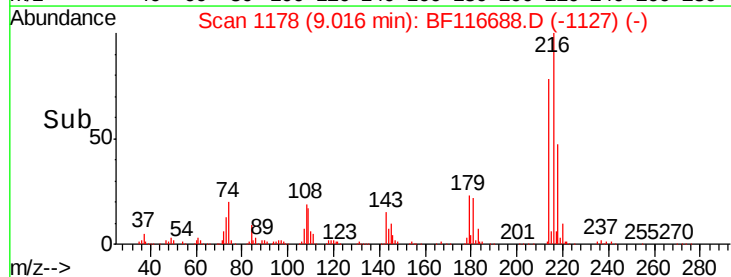
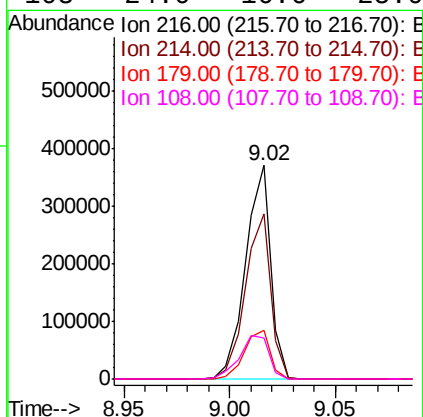
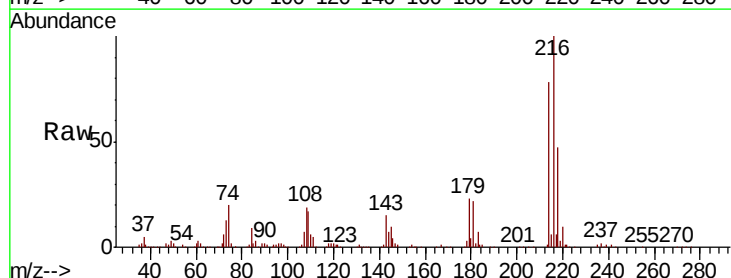
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

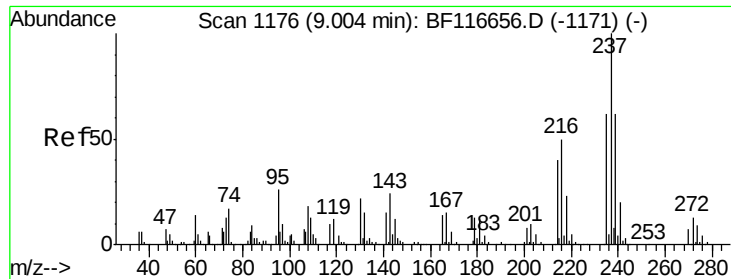
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.4	122.0
160	45.2	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.385 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	23.7	19.3	28.9
108	24.0	16.6	25.0





#41

Hexachlorocyclopentadiene

Concen: 41.252 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

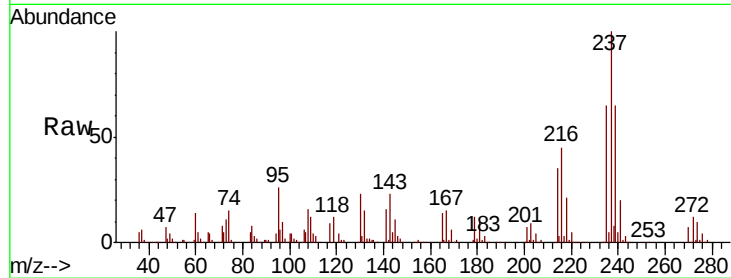
Tot Ion:237 Resp: 175697

Ion Ratio Lower Upper

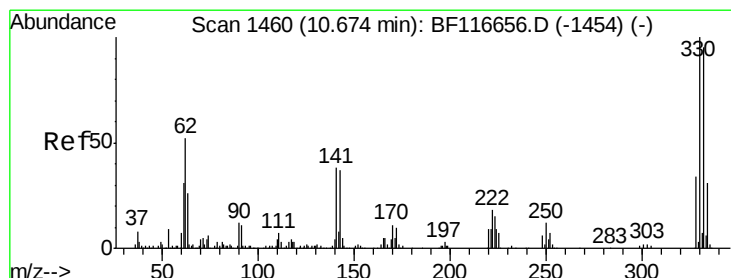
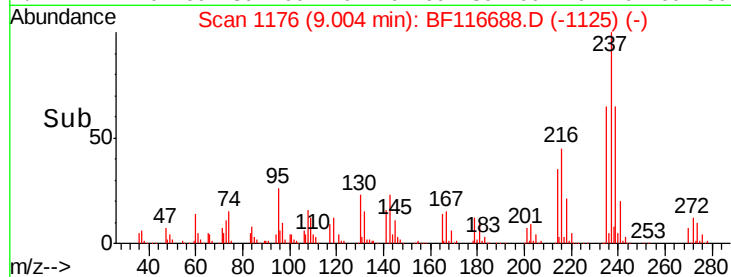
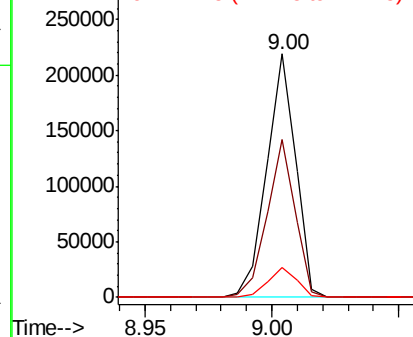
237 100

235 65.1 41.4 81.4

272 12.3 0.0 32.8



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: 92.329 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

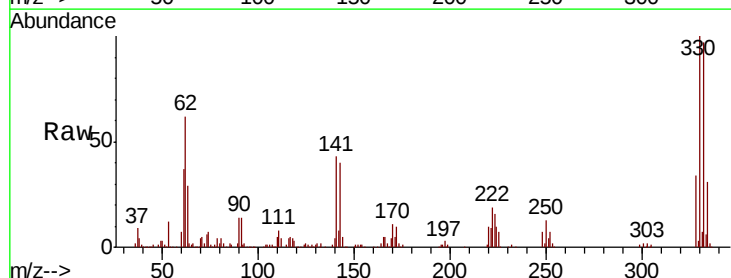
Tgt Ion:330 Resp: 189910

Ion Ratio Lower Upper

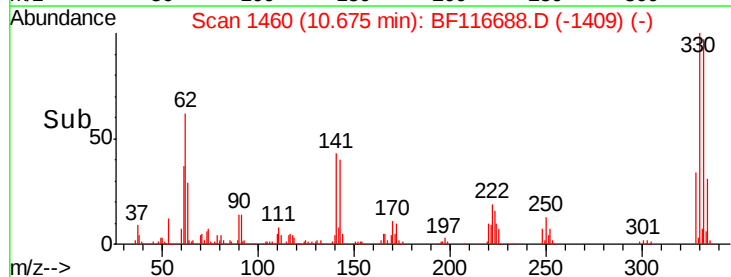
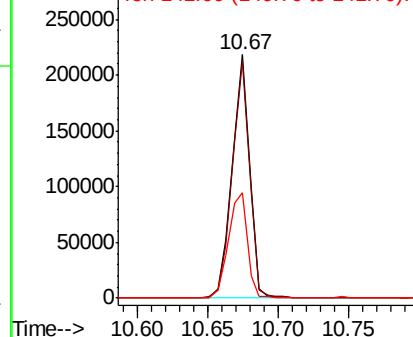
330 100

332 96.5 76.9 115.3

141 46.4 31.4 47.2



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

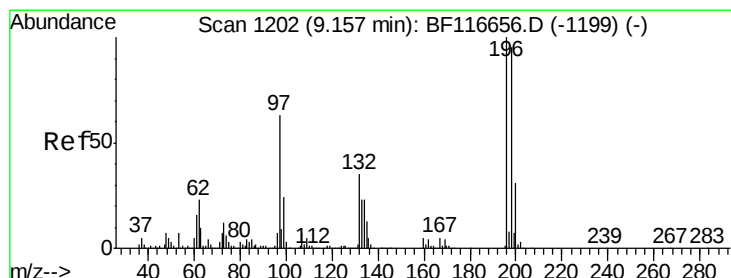
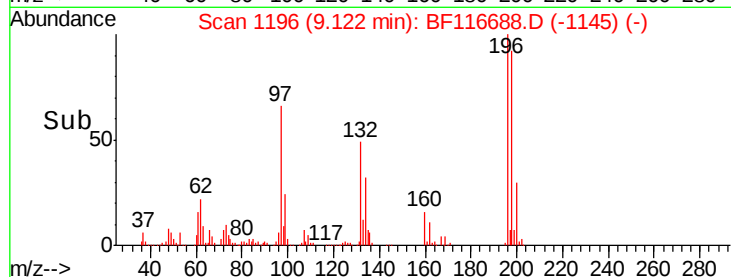
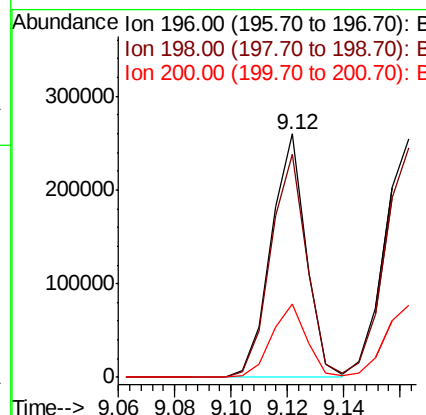
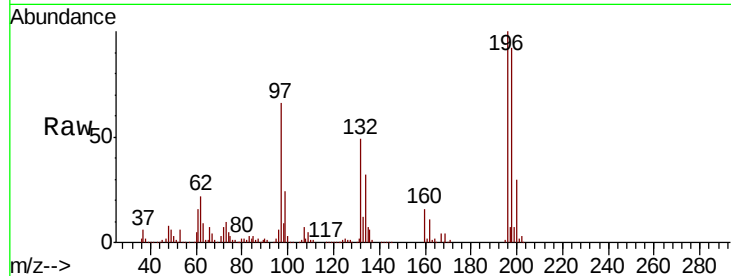




#43
 2,4,6-Trichlorophenol
 Concen: 44.217 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

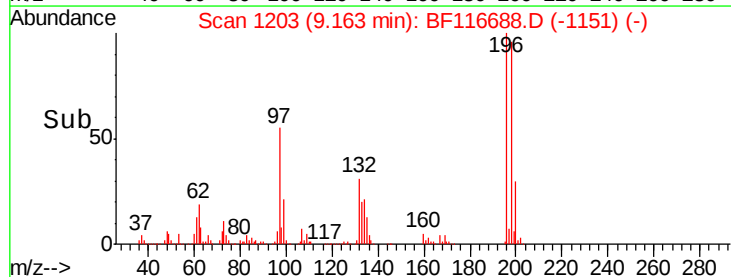
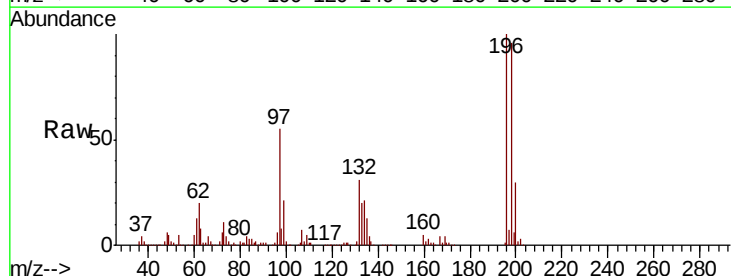
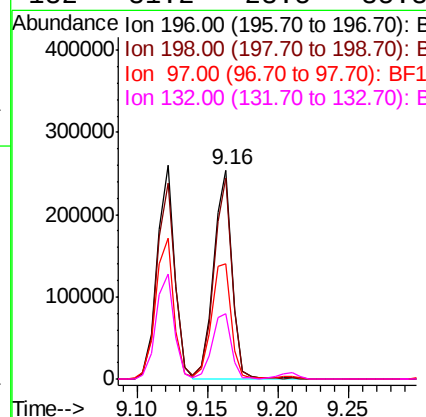
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

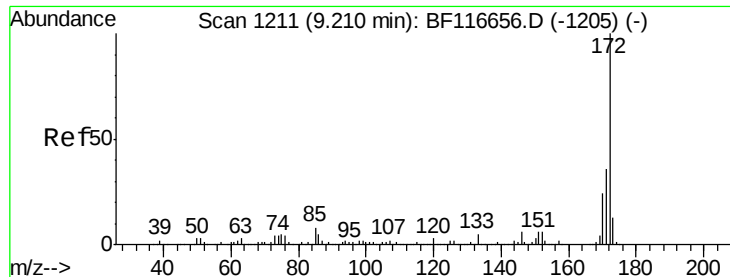
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	79.1	118.7
200	29.9	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.702 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.1	117.1
97	55.3	41.6	62.4
132	31.2	23.5	35.3



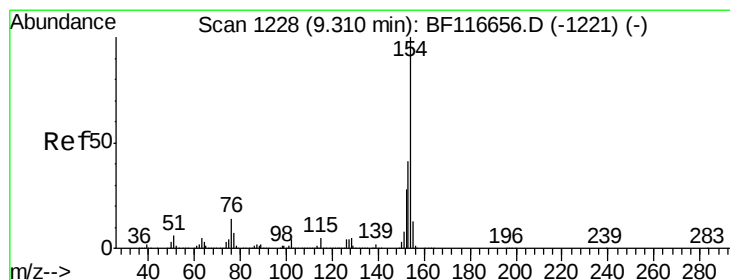
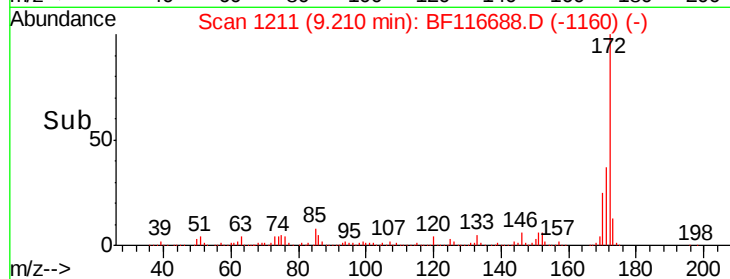
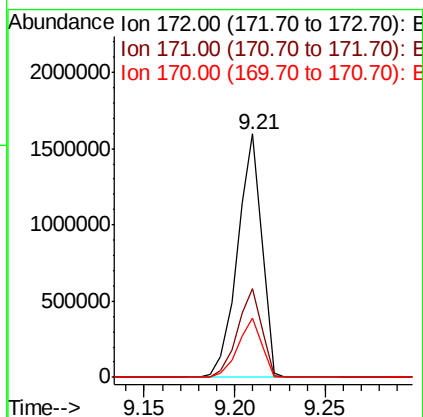
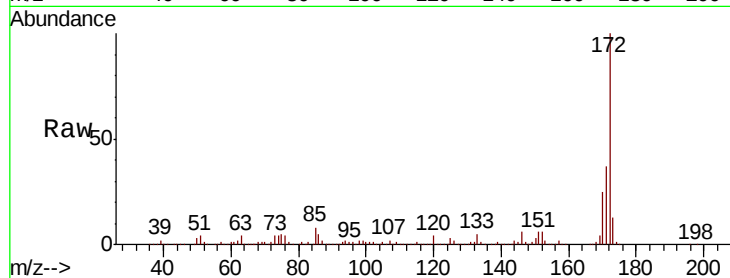


#45
 2-Fluorobiphenyl
 Concen: 80.867 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1474953

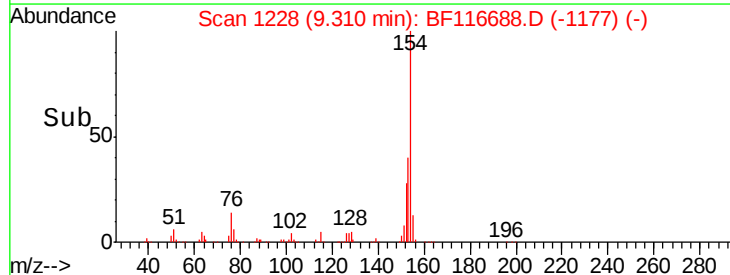
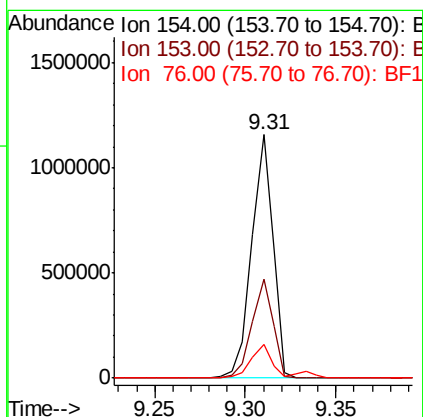
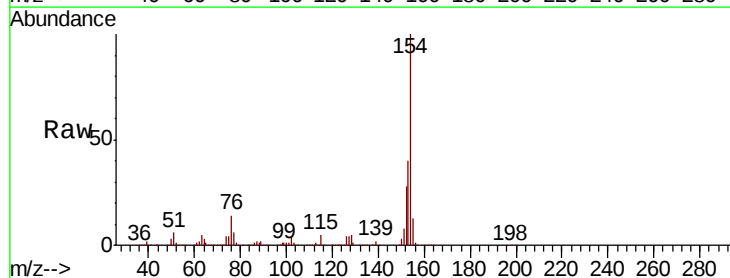
Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.8	41.6
170	24.6	18.9	28.3

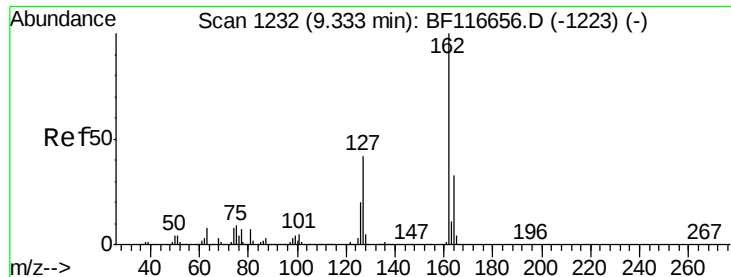


#46
 1,1'-Biphenyl
 Concen: 40.525 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:154 Resp: 946132

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.9	0.0	30.9

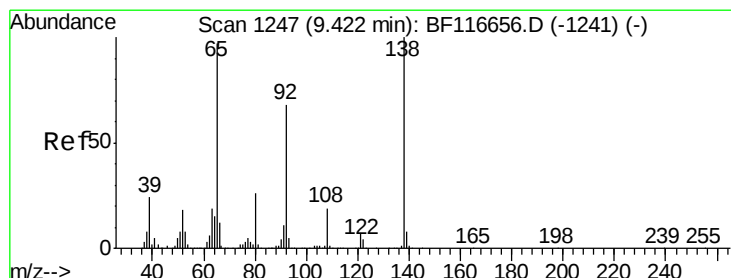
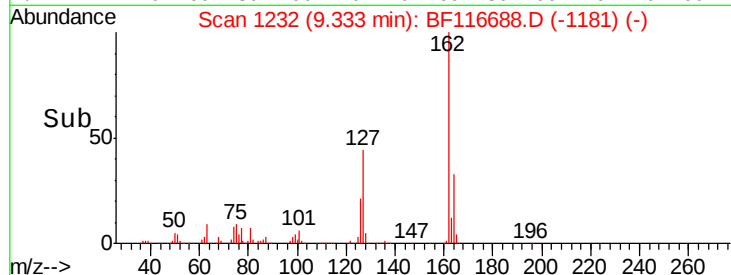
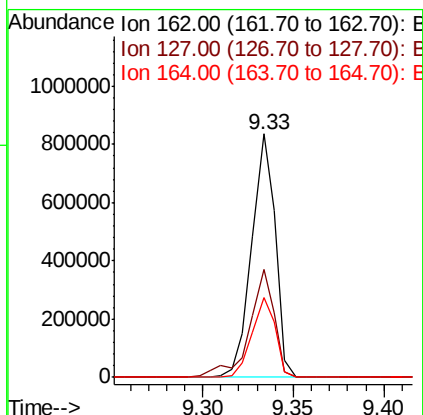
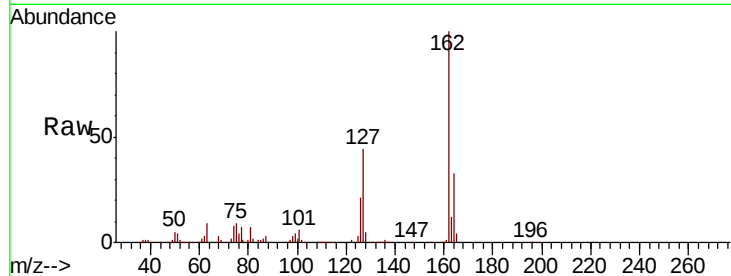




#47
2-Chloronaphthalene
Concen: 40.778 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

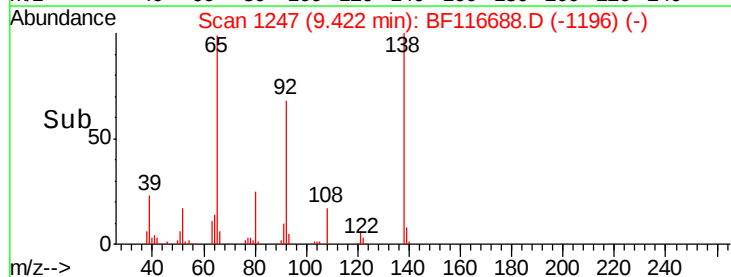
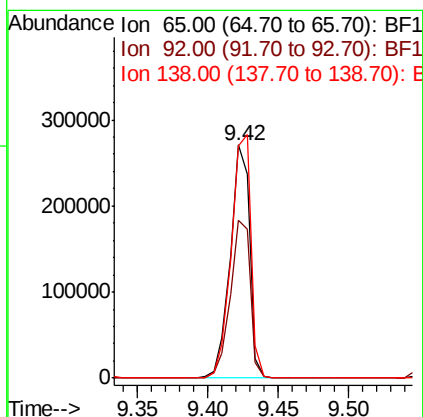
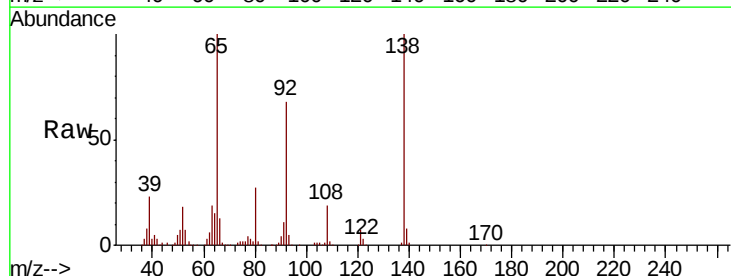
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

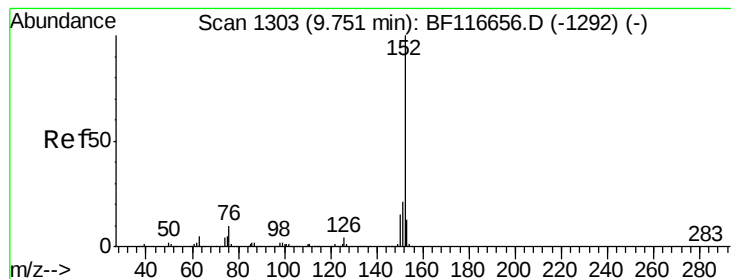
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	33.4	50.2
164	32.8	26.6	39.8



#48
2-Nitroaniline
Concen: 48.406 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	57.1	85.7
138	99.8	88.2	132.2





#49

Acenaphthylene

Concen: 40.497 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

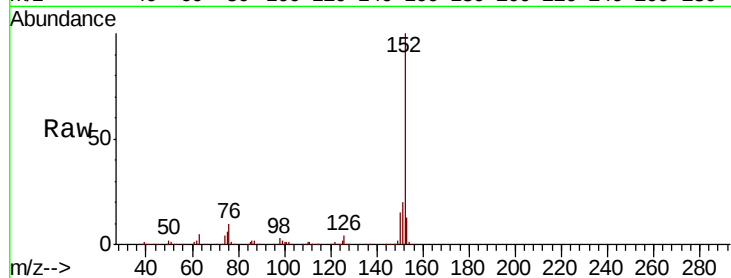
Tot Ion:152 Resp: 1131991

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

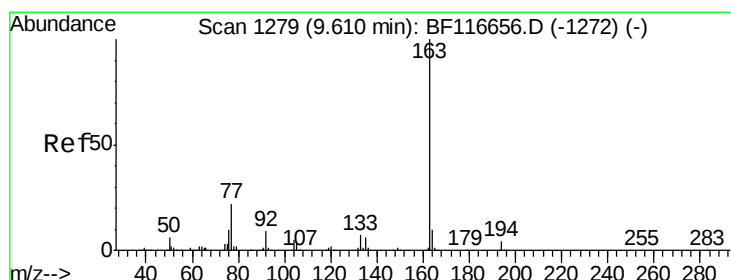
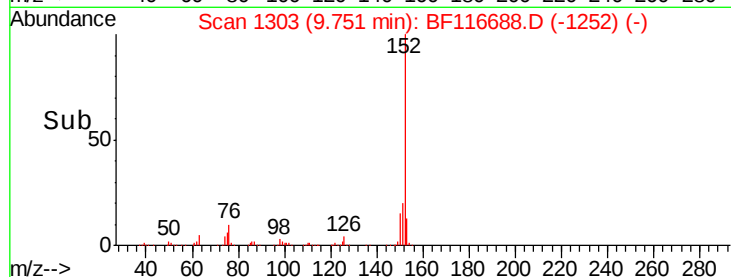
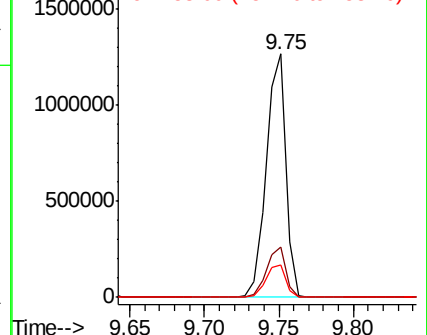
153 13.1 10.9 16.3



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: 41.056 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

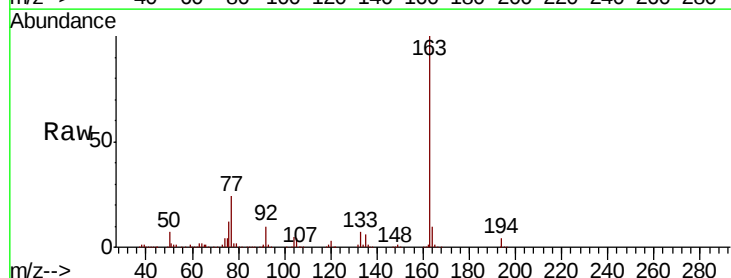
Tgt Ion:163 Resp: 872105

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

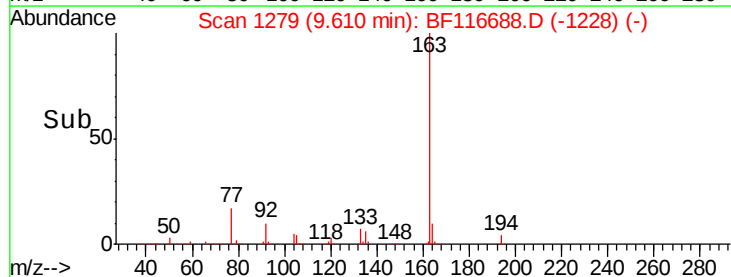
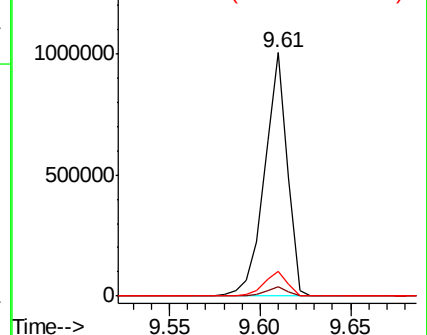
164 10.3 8.6 12.8

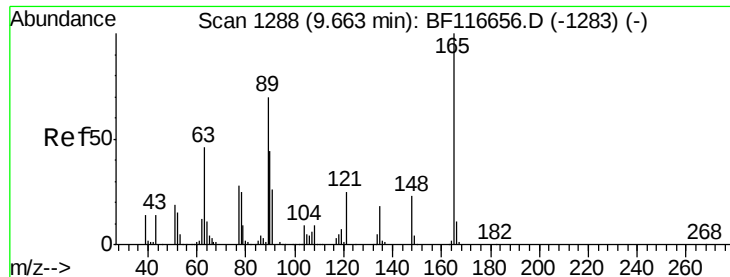


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

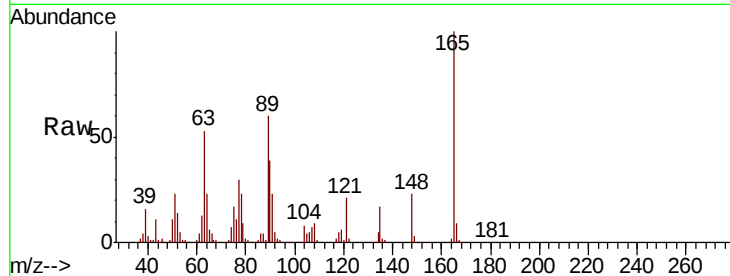




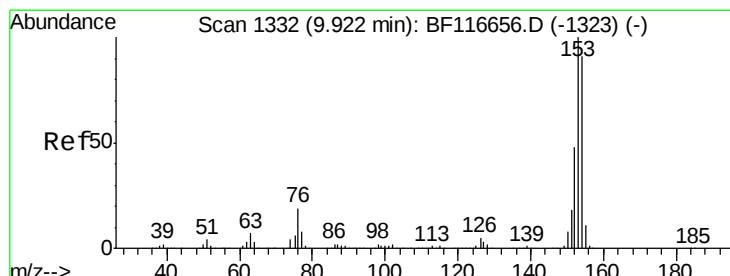
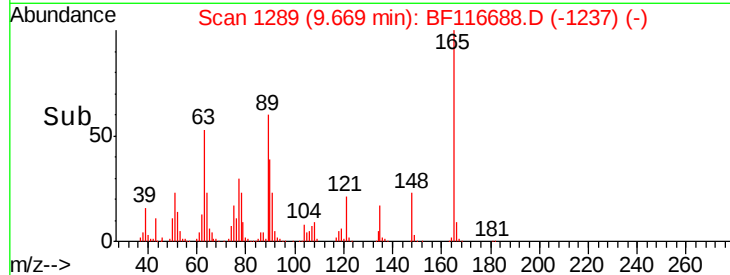
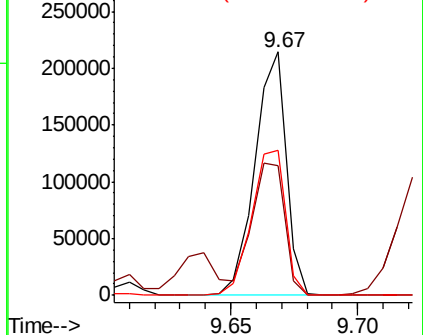
#51
 2,6-Dinitrotoluene
 Concen: 45.815 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	165	Resp	185678
Ion Ratio	Lower	Upper	
165	100		
63	53.2	47.3	70.9
89	59.6	52.5	78.7

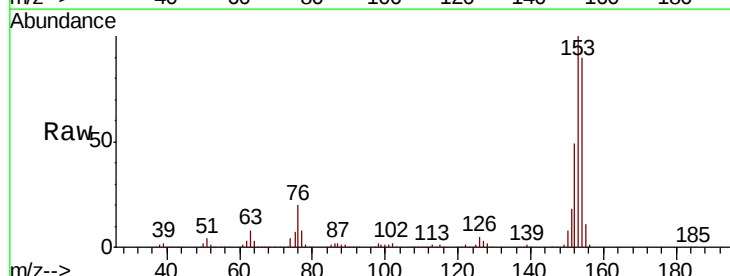


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

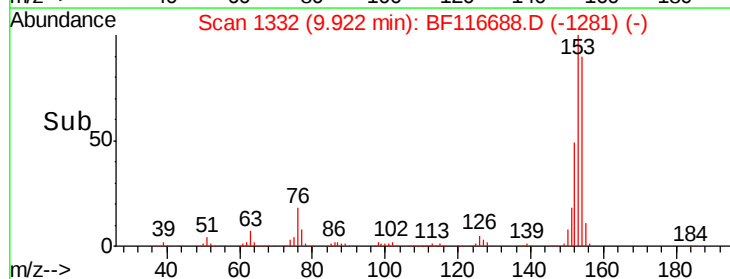
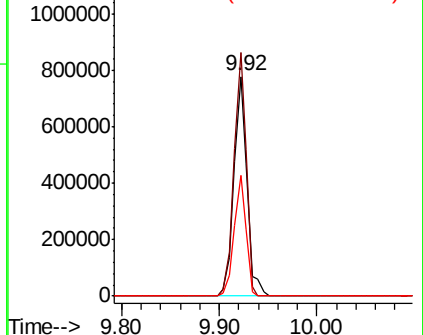


#52
 Acenaphthene
 Concen: 42.072 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	154	Resp	722590
Ion Ratio	Lower	Upper	
154	100		
153	110.7	89.5	134.3
152	54.6	41.9	62.9



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

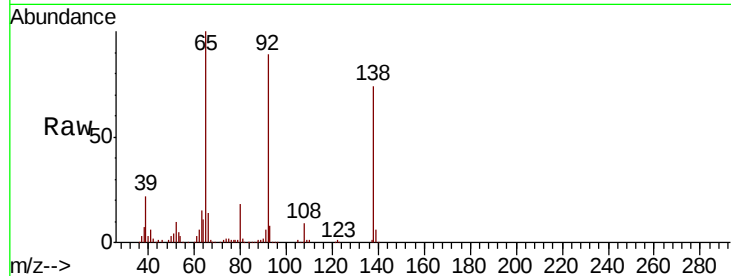




#53
3-Nitroaniline
Concen: 46.292 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	121.3	87.2	130.8

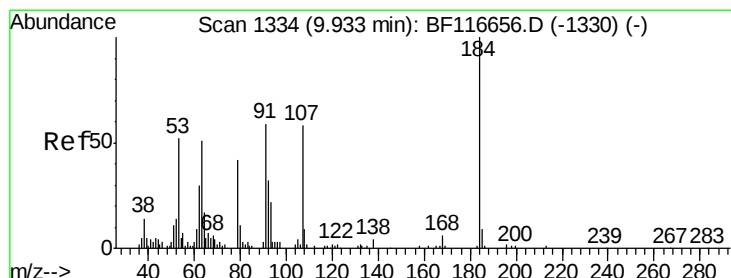
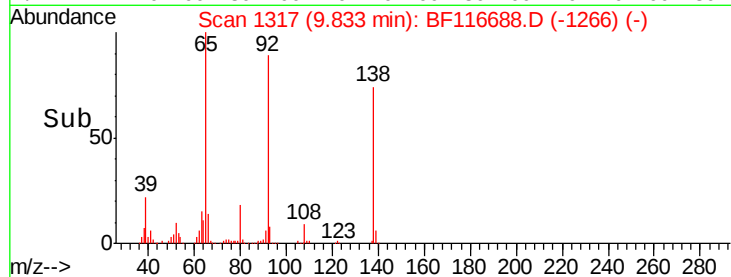
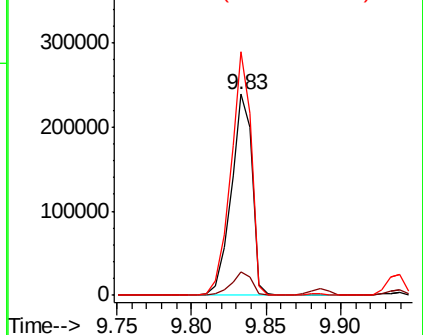


Abundance

Ion 138.00 (137.70 to 138.70): E

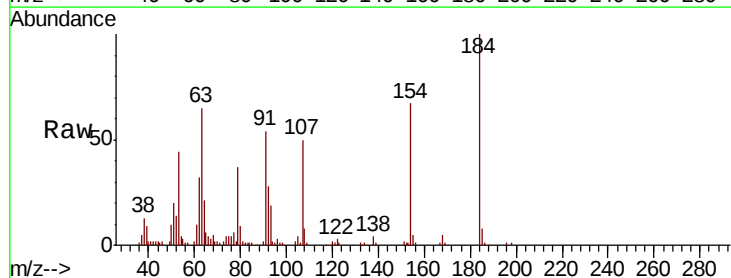
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 52.992 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.4	52.2	78.2
154	66.9	60.8	91.2

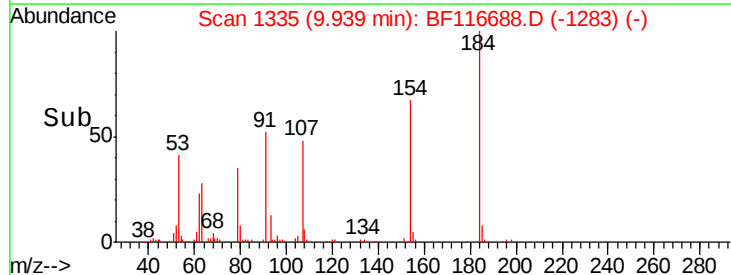
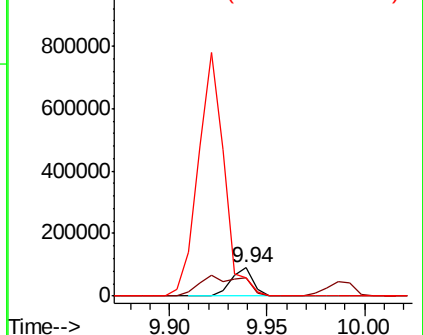


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

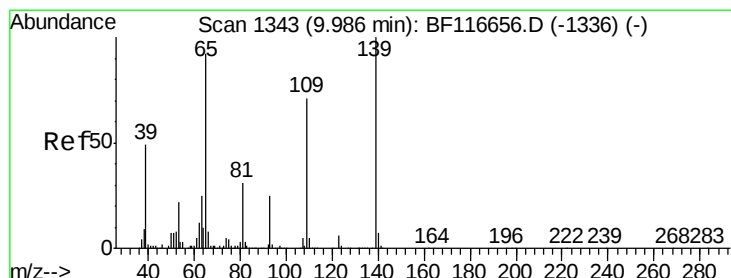
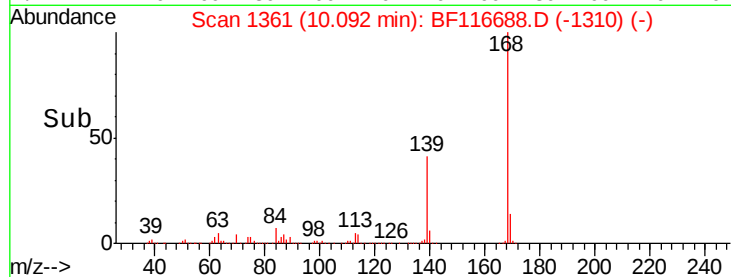
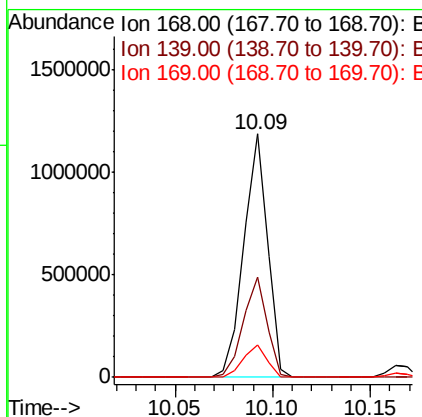
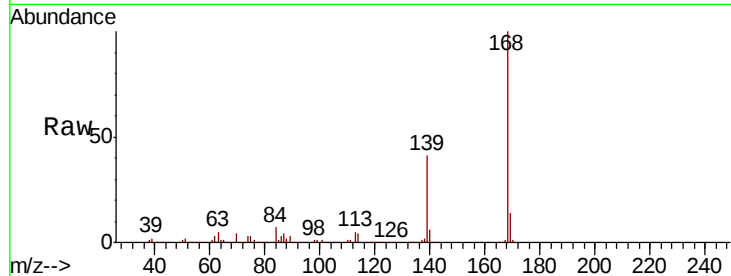




#55
Dibenzofuran
Concen: 41.403 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

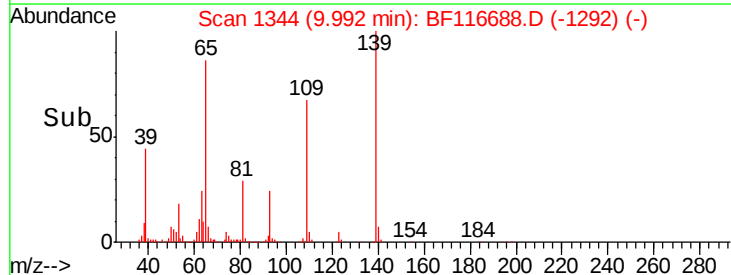
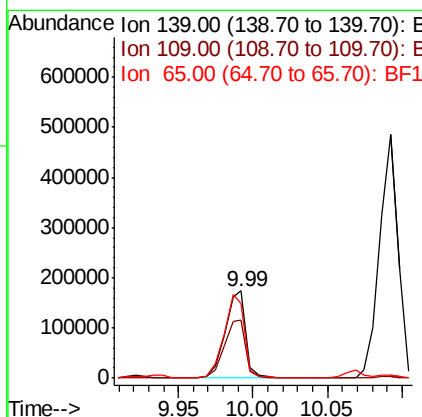
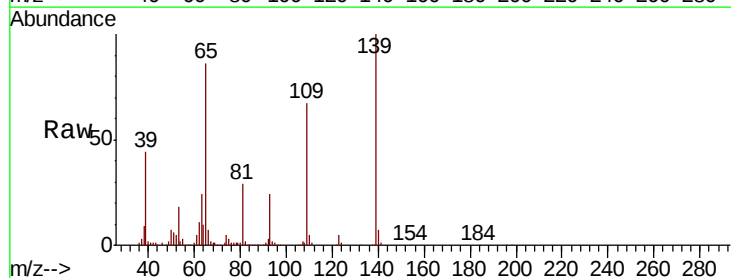
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1002431
Ion Ratio Lower Upper
168 100
139 41.0 31.5 47.3
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 49.216 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:139 Resp: 171395
Ion Ratio Lower Upper
139 100
109 66.5 61.7 101.7
65 86.5 89.1 129.1#





#57

2,4-Dinitrotoluene

Concen: 50.045 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 248002

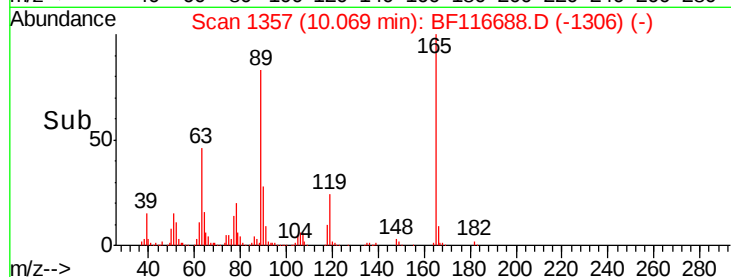
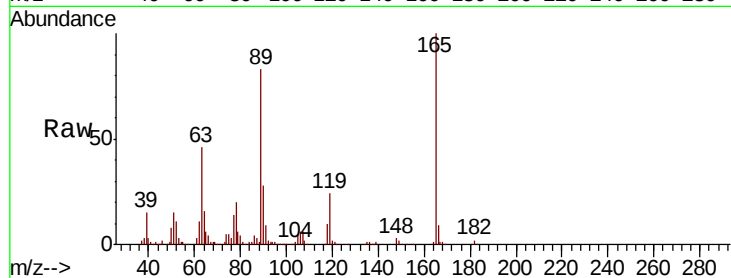
Ion Ratio Lower Upper

165 100

63 46.0 36.4 54.6

89 82.9 62.6 94.0

182 2.4 2.1 3.1

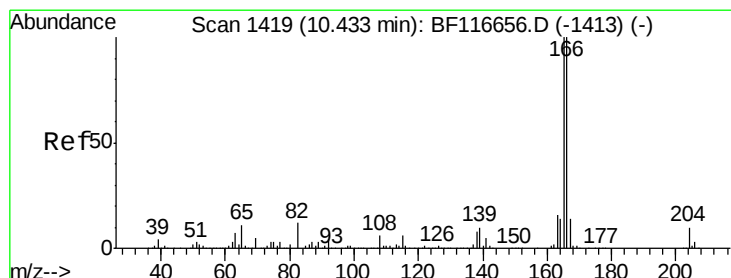
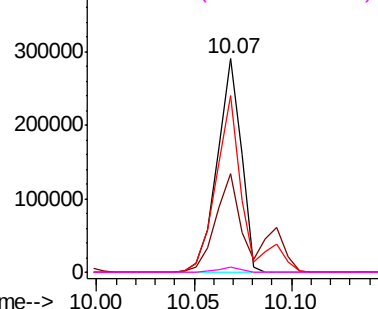


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.623 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

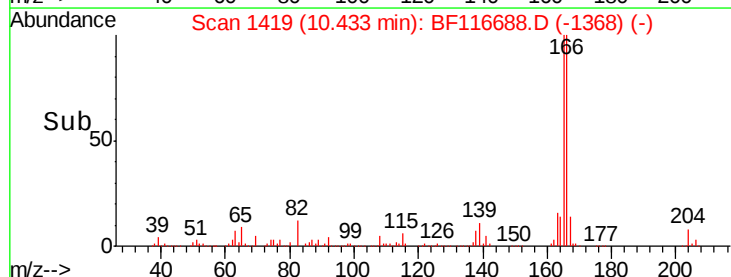
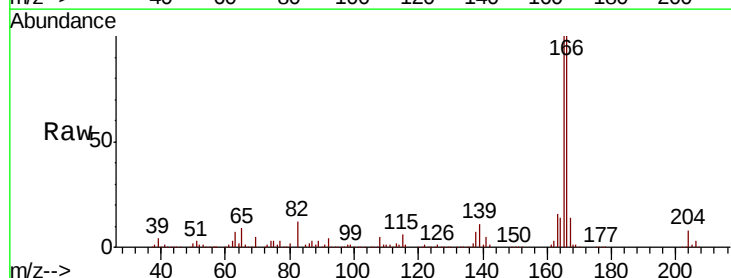
Tgt Ion:166 Resp: 749436

Ion Ratio Lower Upper

166 100

165 100.4 78.8 118.2

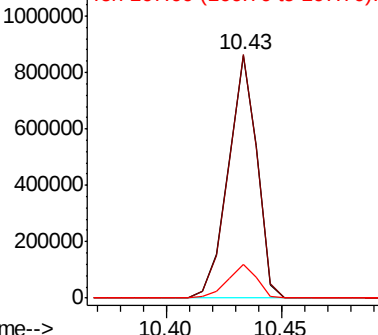
167 13.8 10.0 15.0

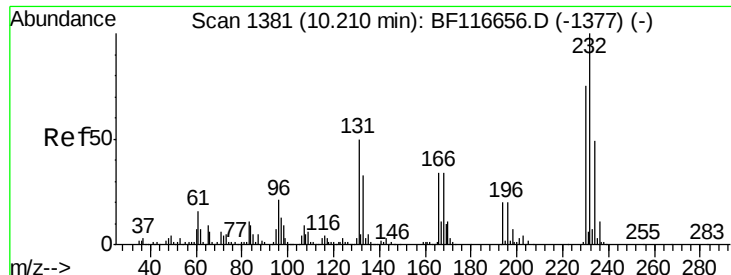


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

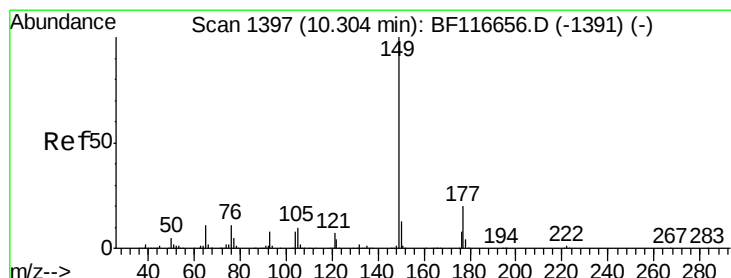
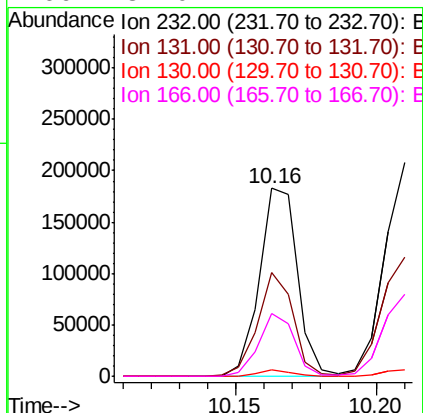
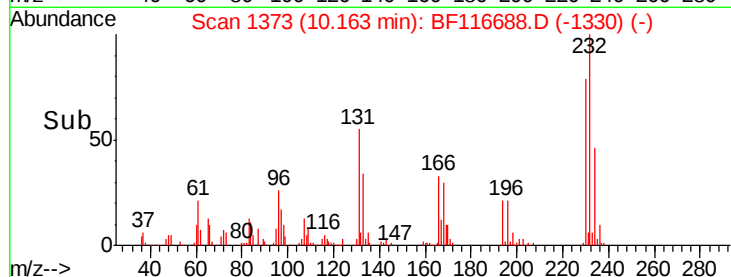
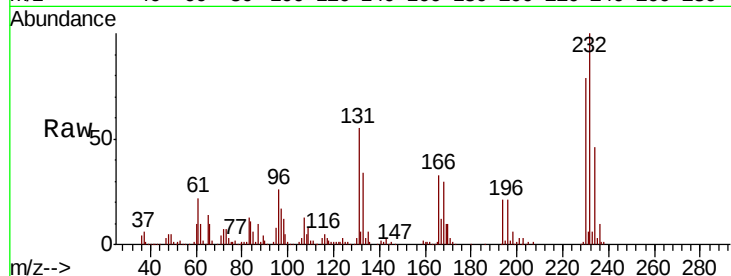




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.341 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

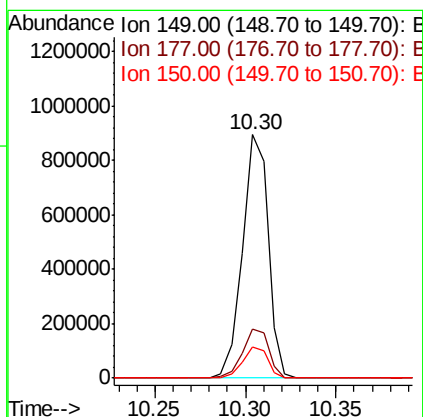
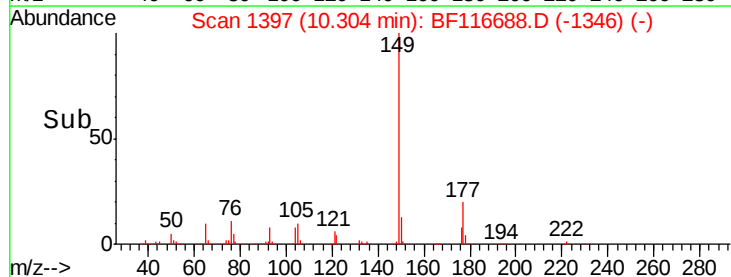
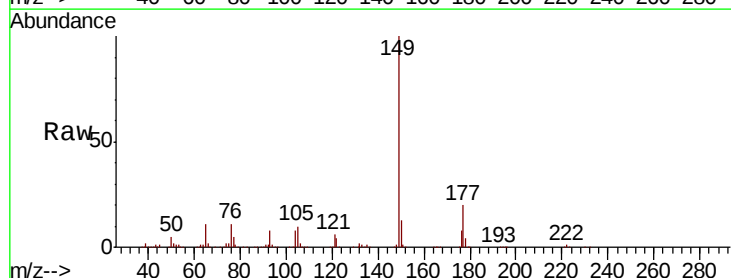
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 171761
 Ion Ratio Lower Upper
 232 100
 131 51.3 42.7 64.1
 130 2.8 1.9 2.9
 166 31.0 27.4 41.2



#60
 Diethylphthalate
 Concen: 41.369 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:149 Resp: 880240
 Ion Ratio Lower Upper
 149 100
 177 20.3 17.2 25.8
 150 12.7 9.7 14.5

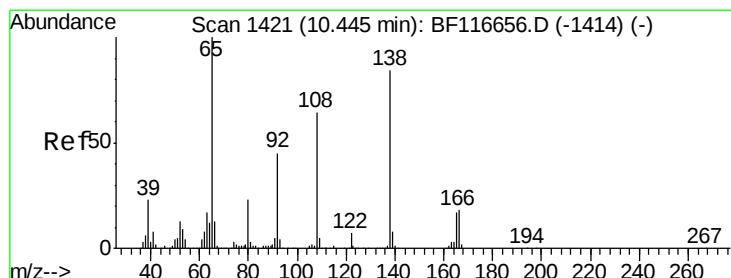
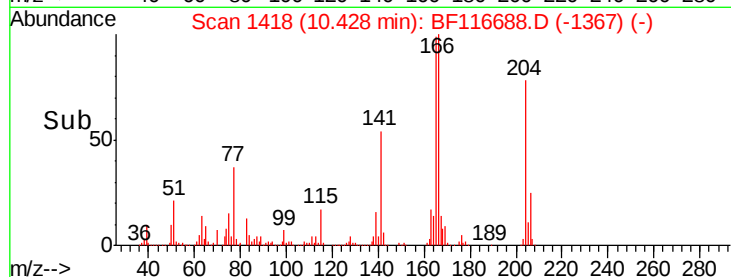
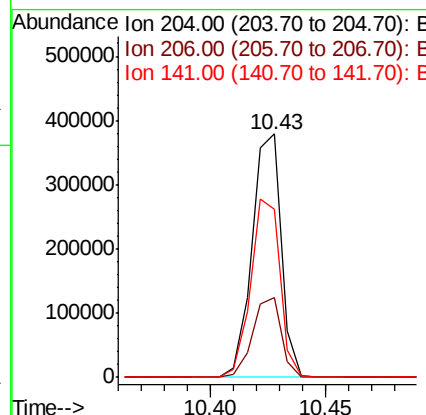
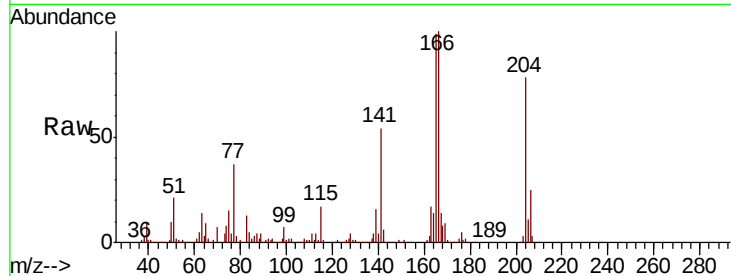




#61
4-Chlorophenyl-phenylether
Concen: 41.555 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

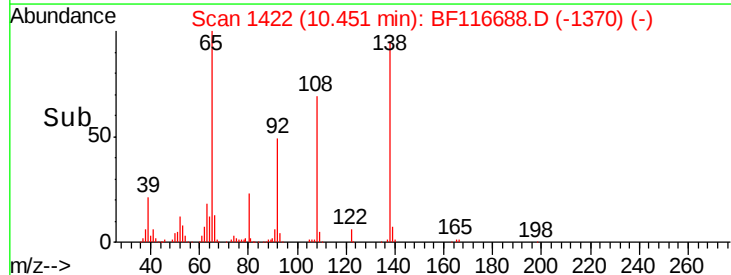
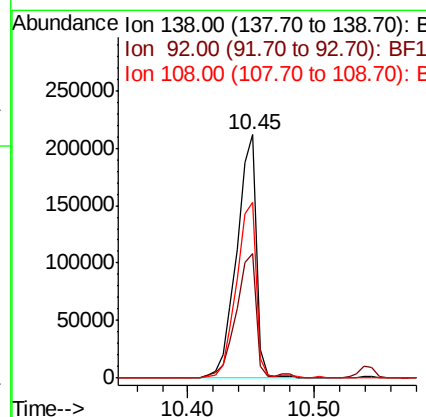
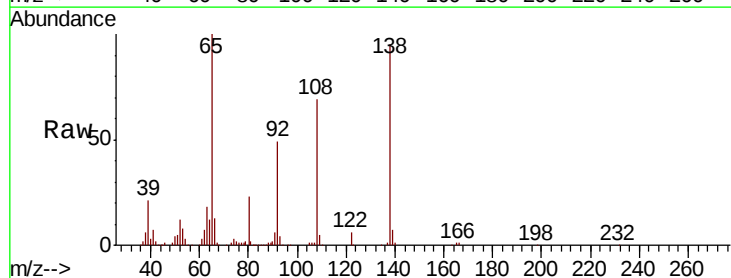
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

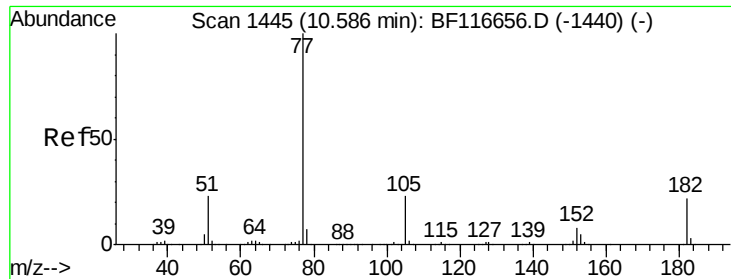
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.2
141	69.2	53.8	80.8



#62
4-Nitroaniline
Concen: 45.442 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	28.7	68.7
108	72.4	60.4	100.4





#63

Azobenzene

Concen: 41.212 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 914358

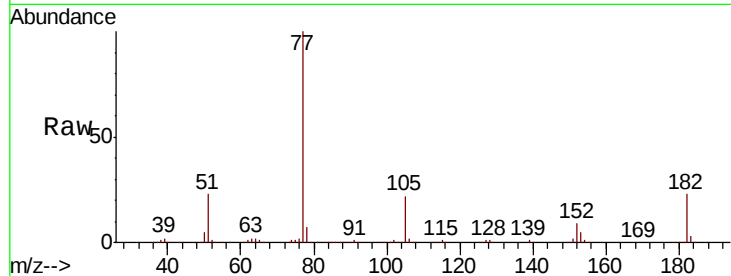
Ion Ratio Lower Upper

77 100

182 22.6 1.2 41.2

105 22.4 0.6 40.6

51 22.7 8.2 48.2

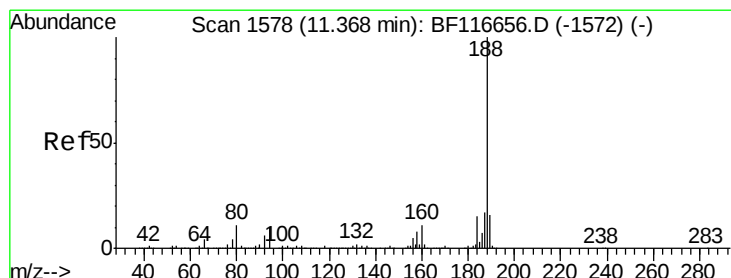
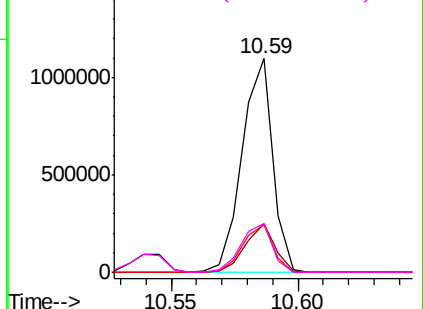
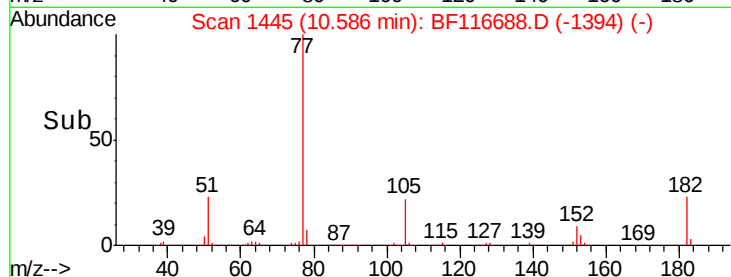


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

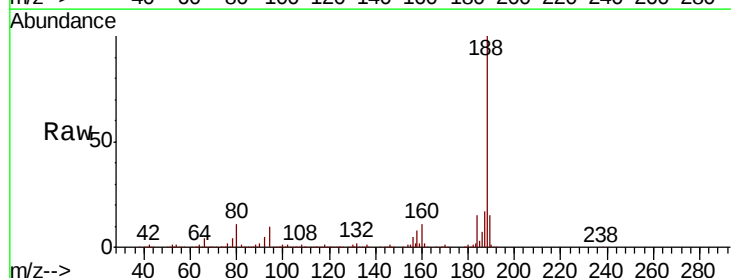
Tgt Ion: 188 Resp: 498303

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

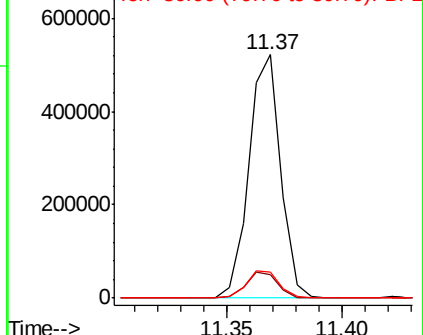
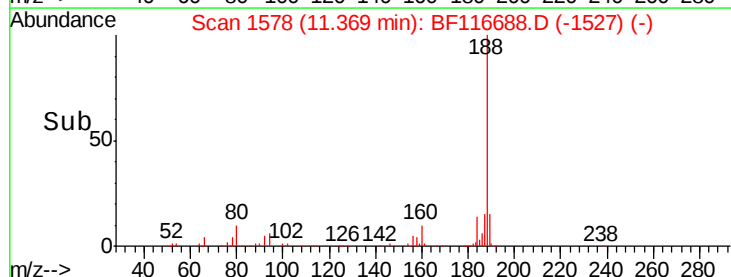
80 10.9 8.4 12.6

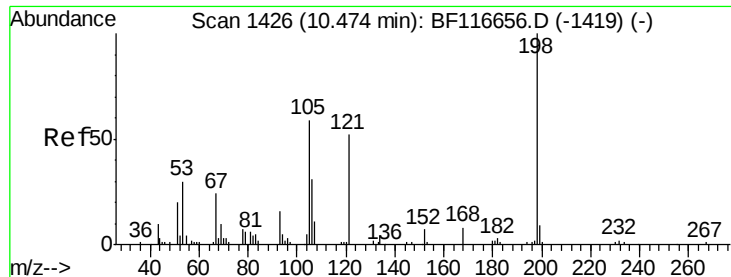


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

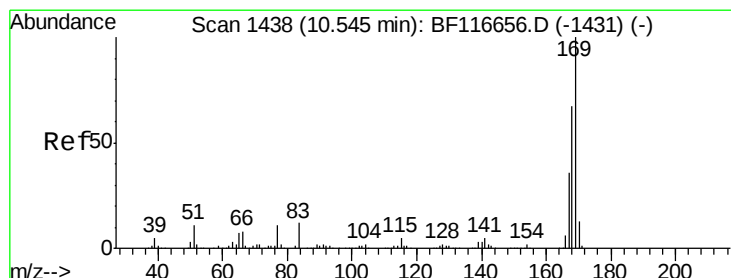
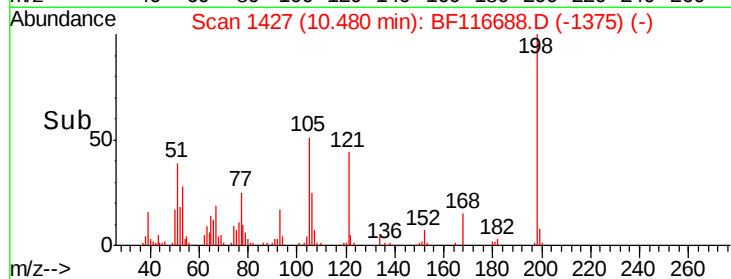
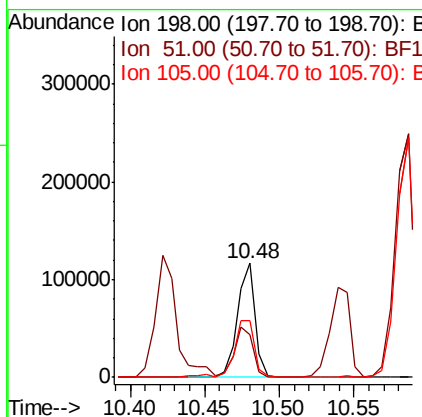
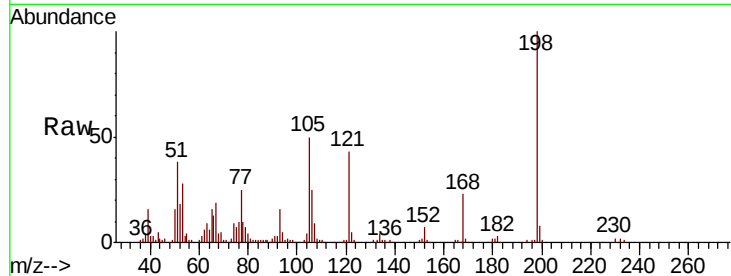




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.867 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

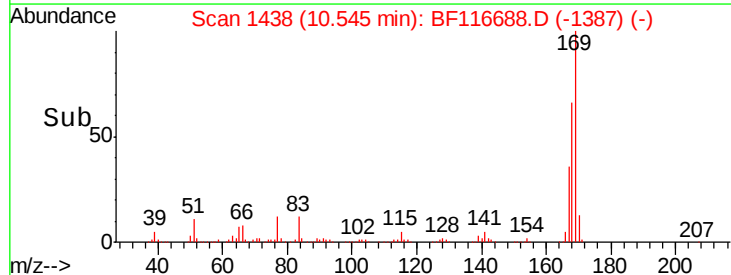
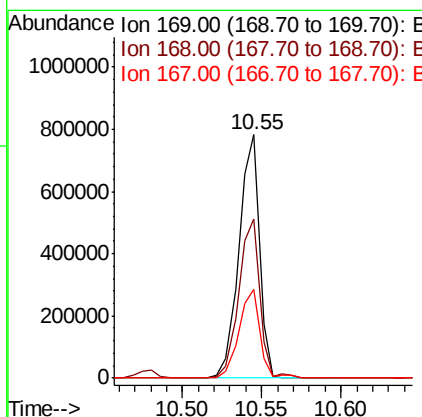
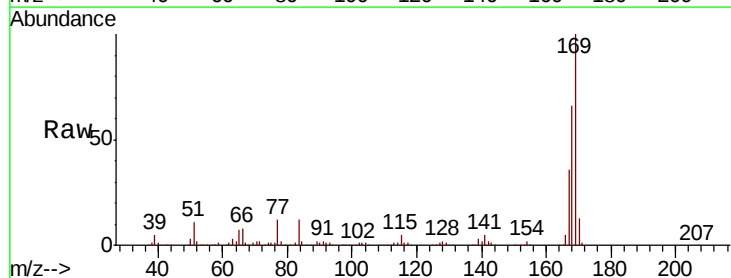
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

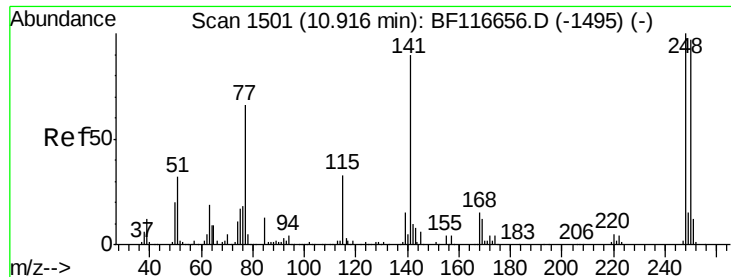
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.7	18.4	58.4
105	50.2	22.9	62.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.651 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	55.8	83.6
167	36.3	29.4	44.2

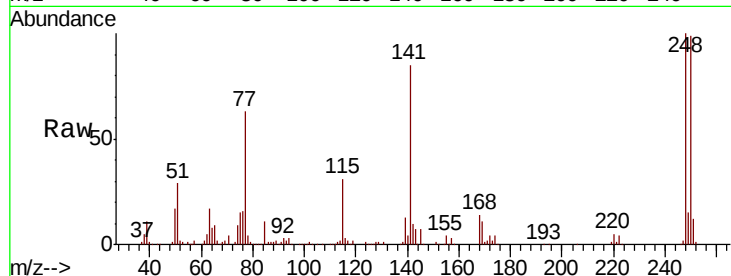




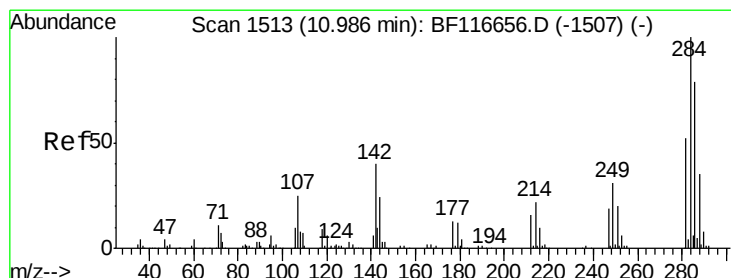
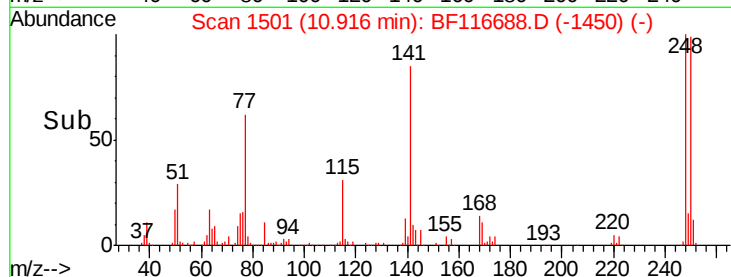
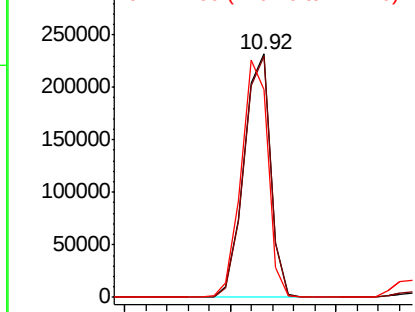
#67
4-Bromophenyl-phenylether
Concen: 40.140 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 203194
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 85.2 75.9 113.9

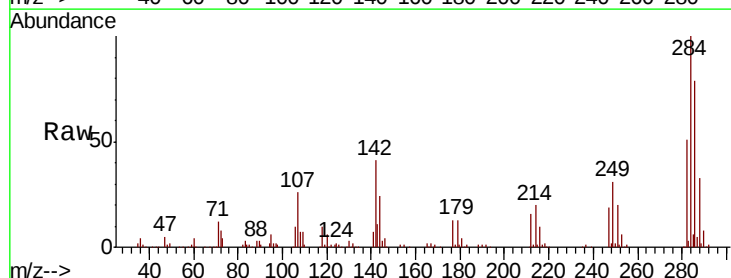


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

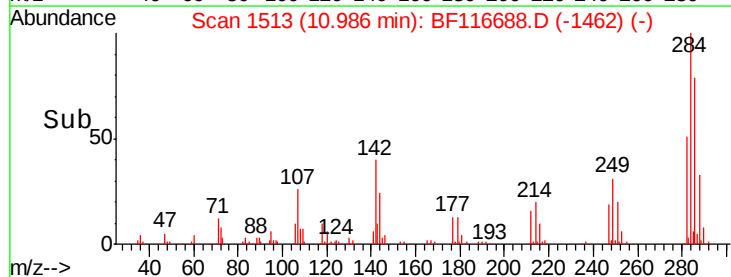
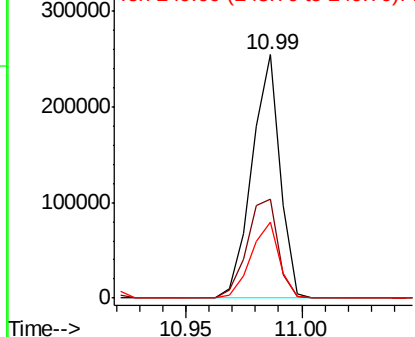


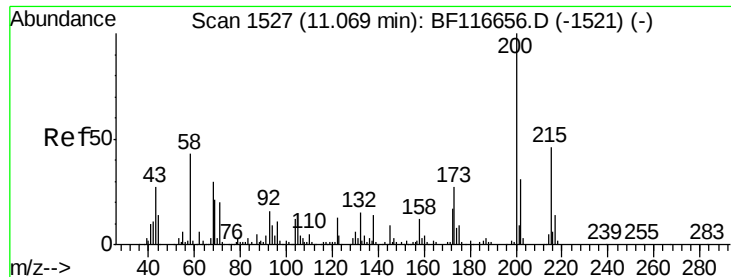
#68
Hexachlorobenzene
Concen: 40.875 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:284 Resp: 216484
Ion Ratio Lower Upper
284 100
142 40.6 34.0 51.0
249 31.3 26.4 39.6



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: 41.053 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

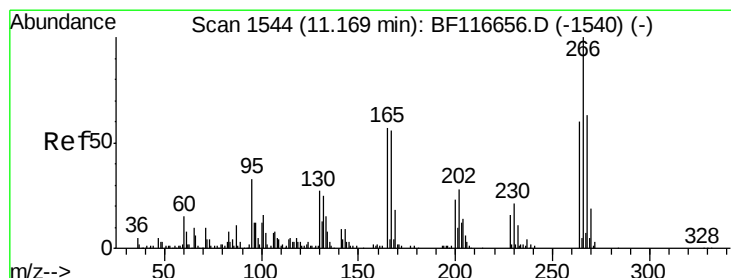
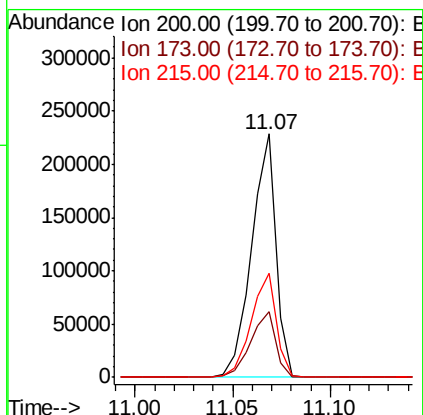
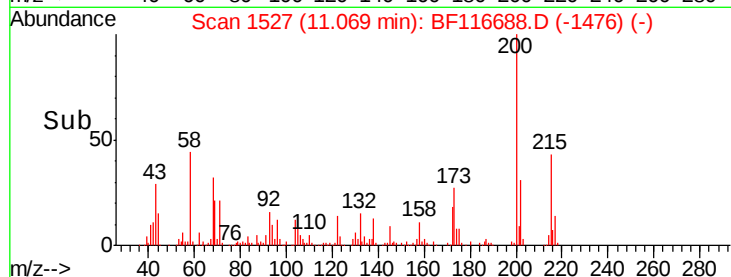
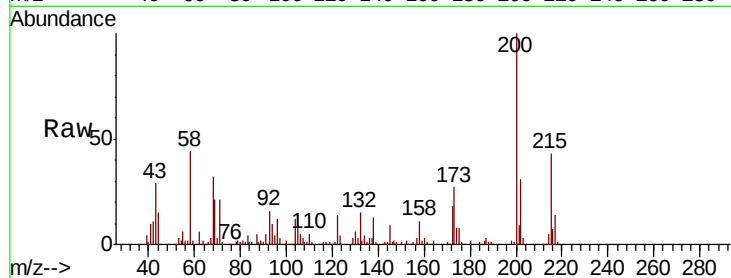
Tot Ion:200 Resp: 198201

Ion Ratio Lower Upper

200 100

173 26.8 6.2 46.2

215 43.0 24.3 64.3



#70

Pentachlorophenol

Concen: 47.499 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

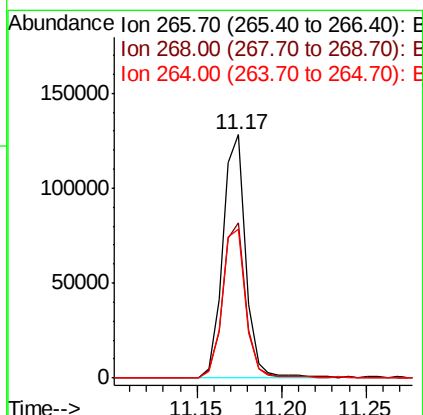
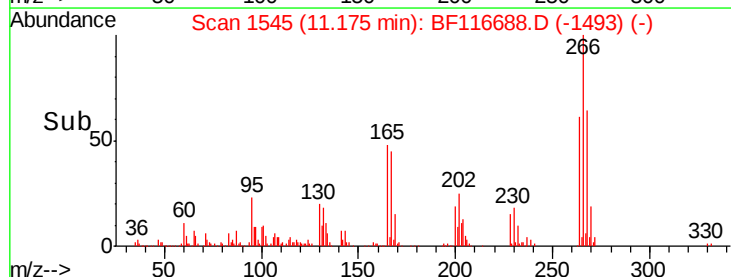
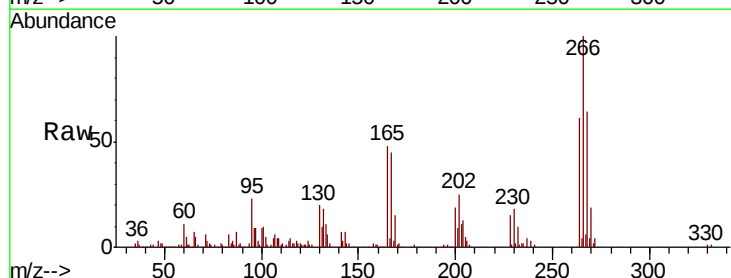
Tgt Ion:266 Resp: 121695

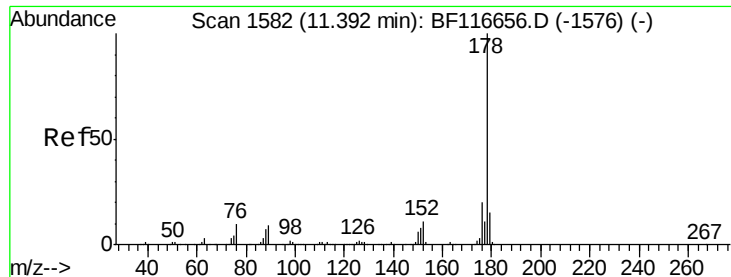
Ion Ratio Lower Upper

266 100

268 63.8 51.2 76.8

264 61.3 51.9 77.9





#71

Phenanthrene

Concen: 40.138 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

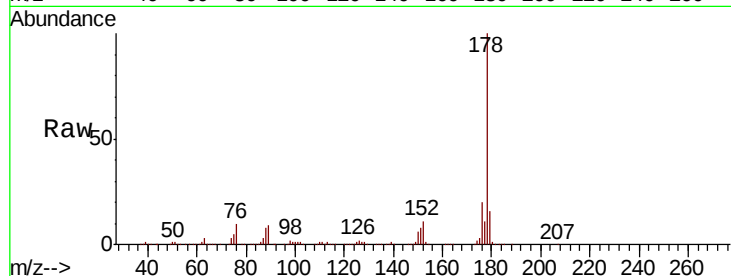
Tot Ion:178 Resp: 1113387

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

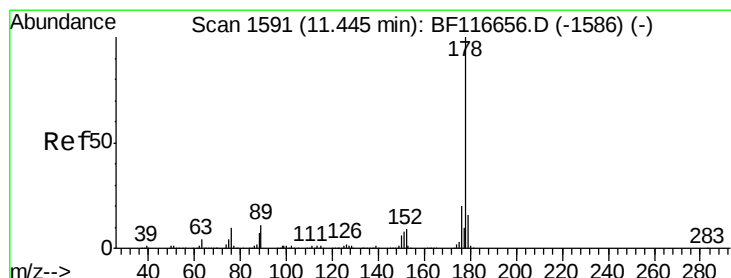
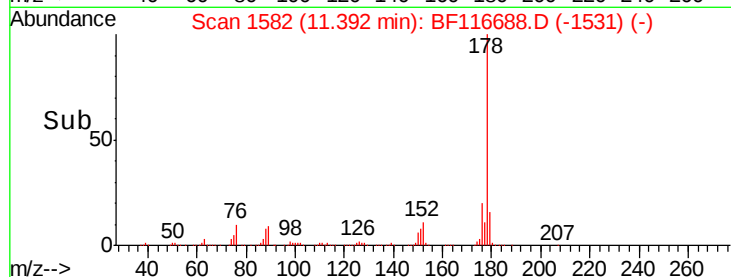
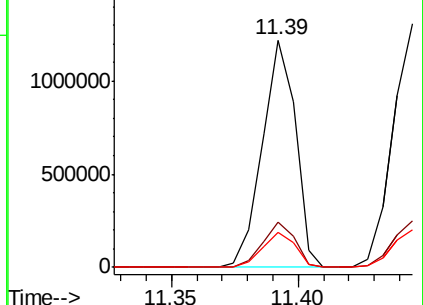
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.255 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

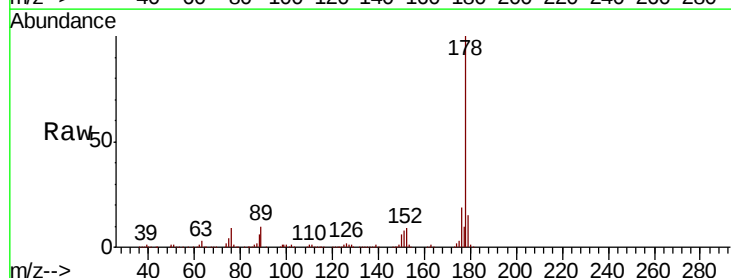
Tgt Ion:178 Resp: 1124026

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

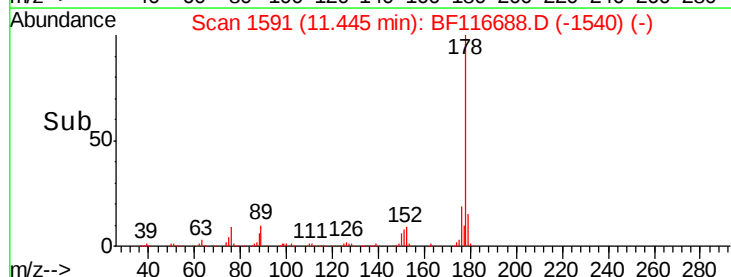
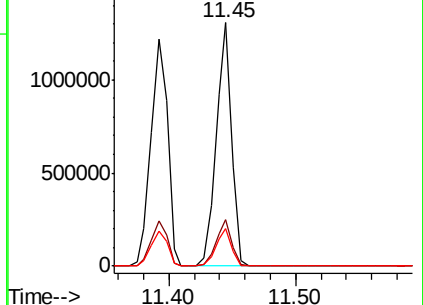
179 15.3 12.5 18.7



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



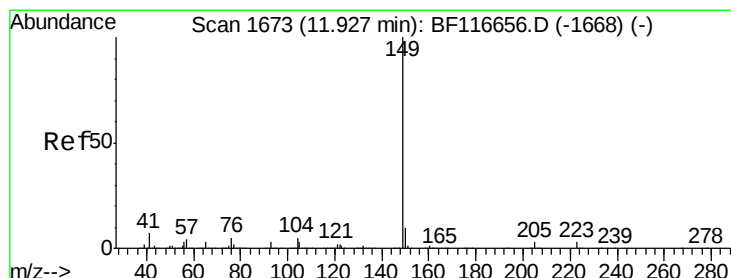
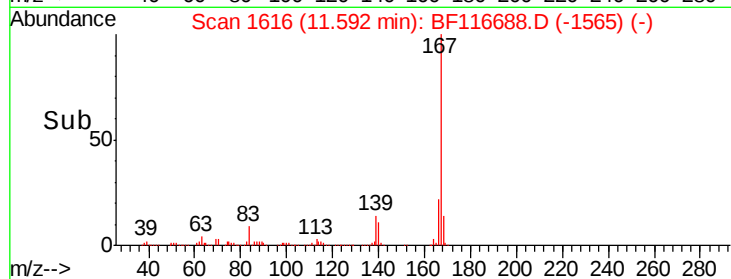
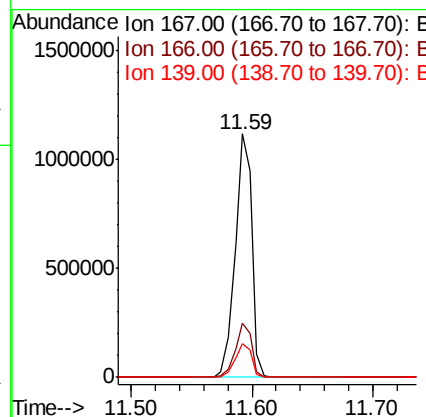
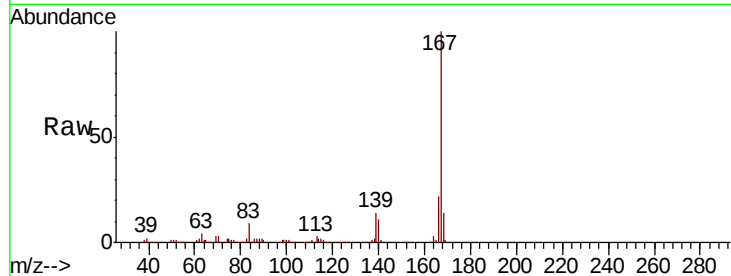


#73
 Carbazole
 Concen: 40.052 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1065311

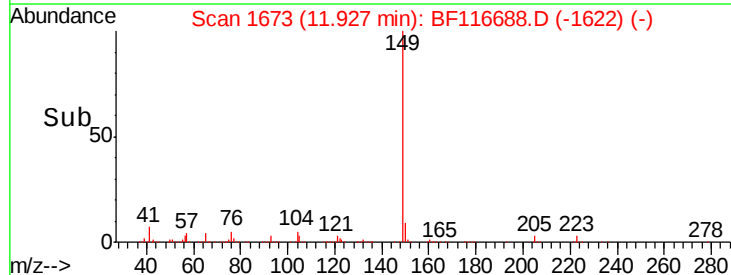
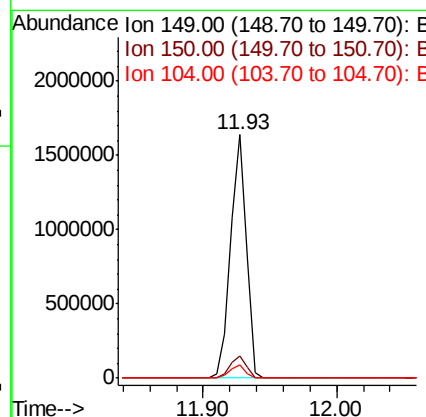
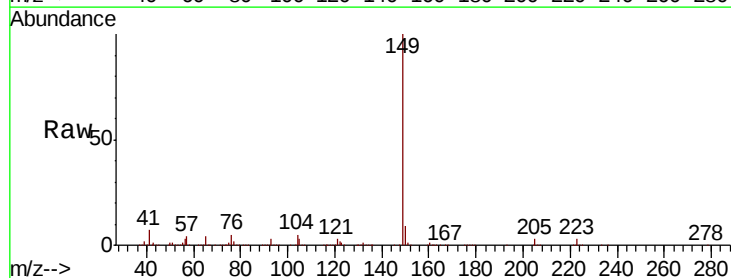
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.0	11.1	16.7

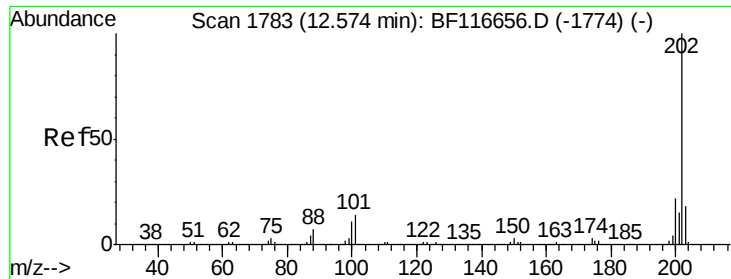


#74
 Di-n-butylphthalate
 Concen: 40.269 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:149 Resp: 1373111

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.2	6.2

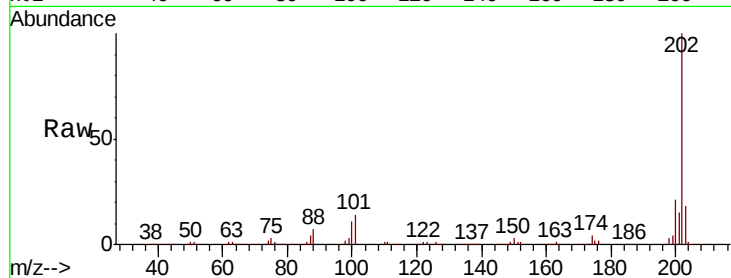




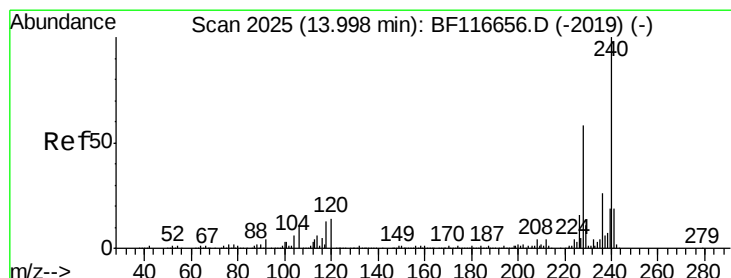
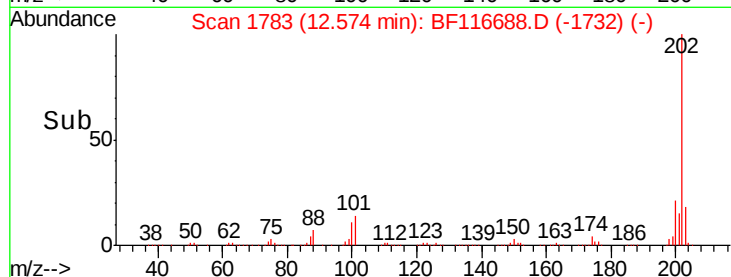
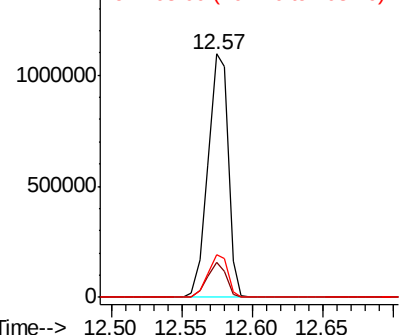
#75
 Fluoranthene
 Concen: 39.984 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion:202 Resp: 1089984
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 31.3
 203 17.5 0.0 37.6

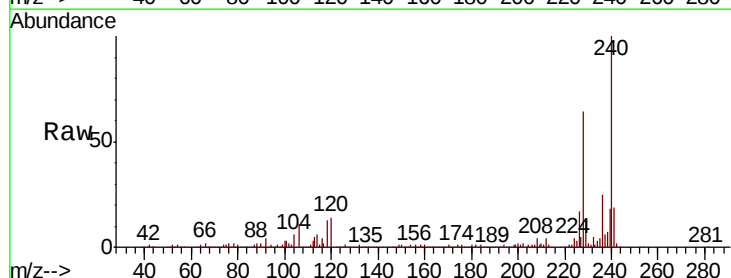


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

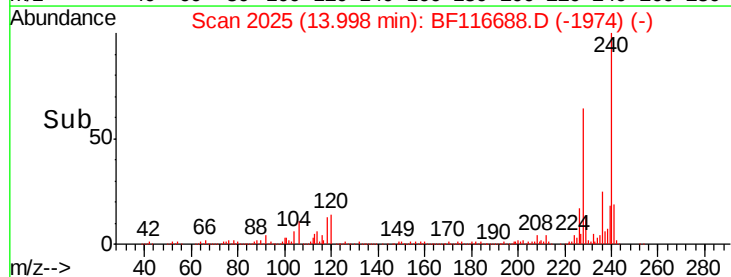
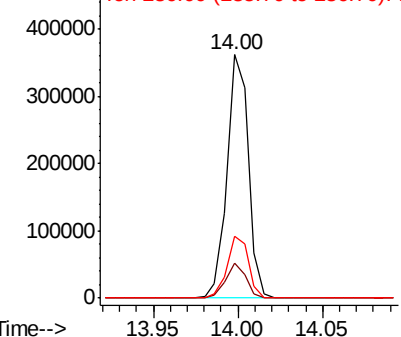


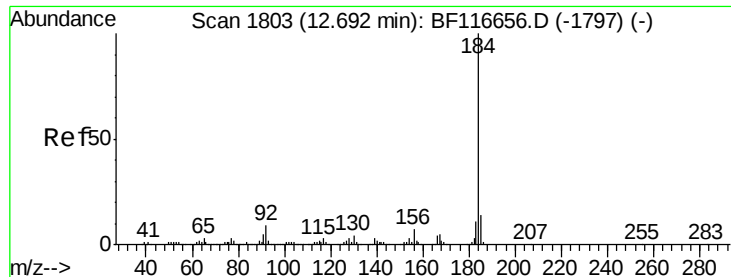
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:240 Resp: 318179
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.1 13.7#
 236 25.2 21.1 31.7



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: 38.350 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

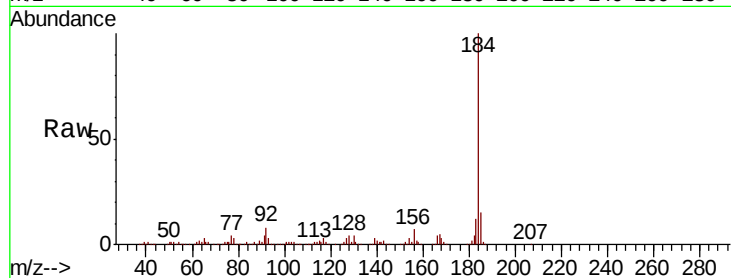
Tot Ion:184 Resp: 478600

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

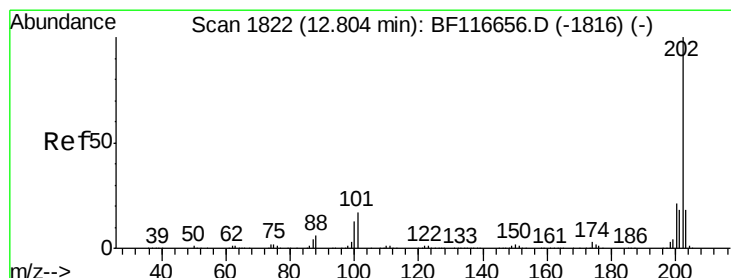
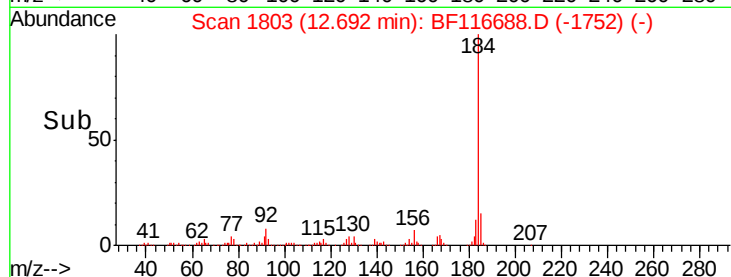
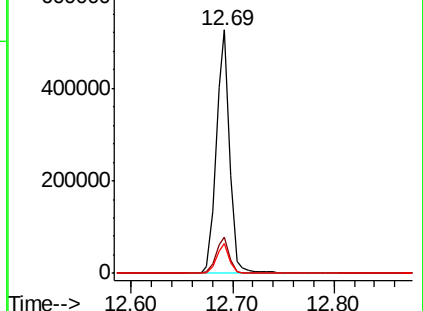
183 12.3 9.2 13.8



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: 38.990 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

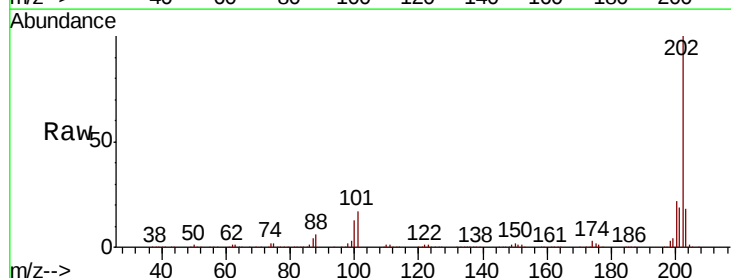
Tgt Ion:202 Resp: 1102803

Ion Ratio Lower Upper

202 100

200 21.8 16.5 24.7

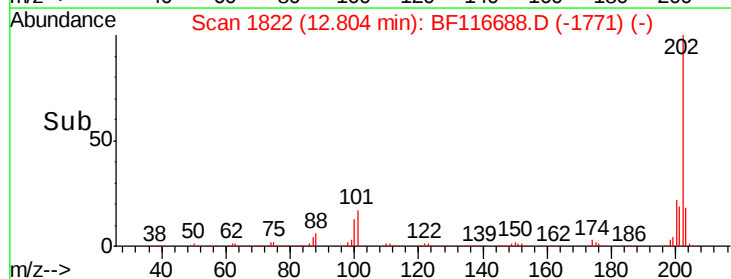
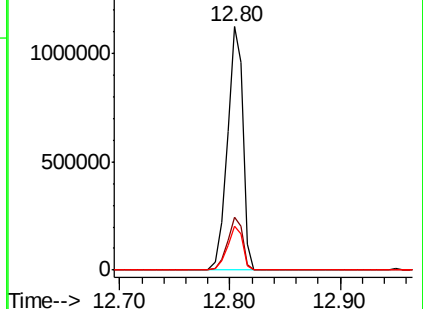
203 17.8 13.7 20.5

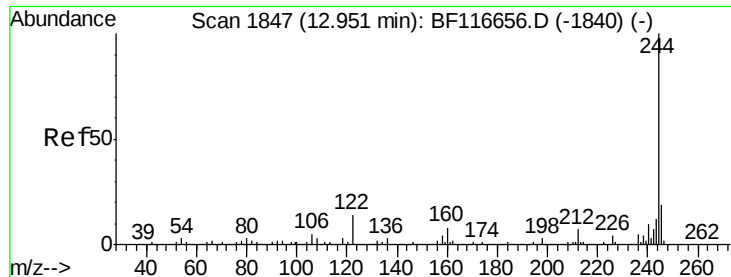


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.350 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

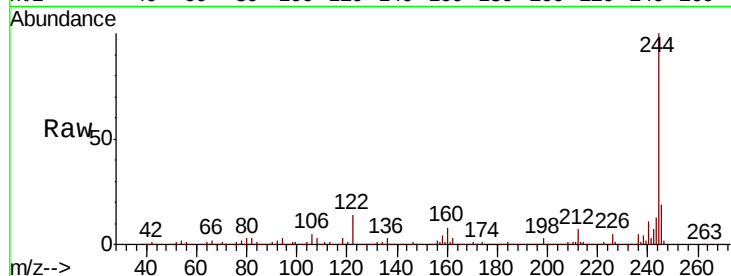
Tot Ion:244 Resp: 1347581

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

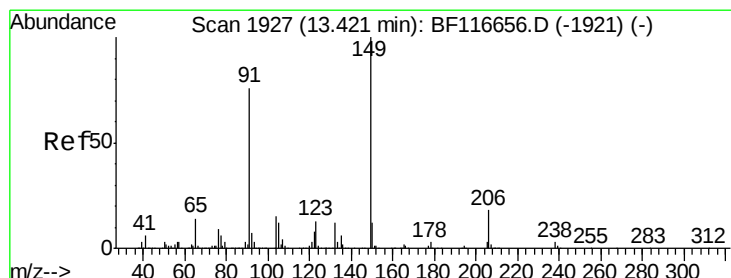
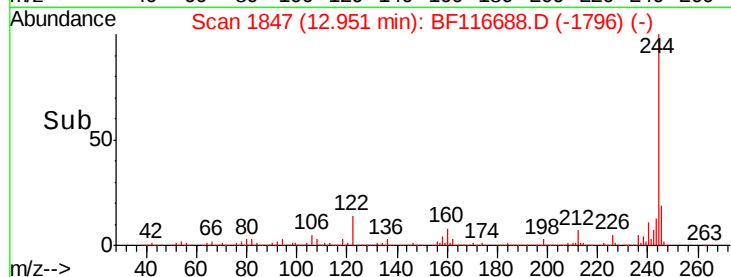
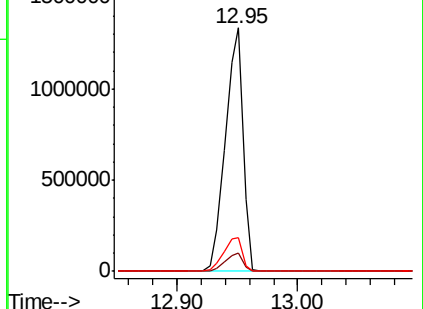
122 14.0 10.2 15.4



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: 40.971 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

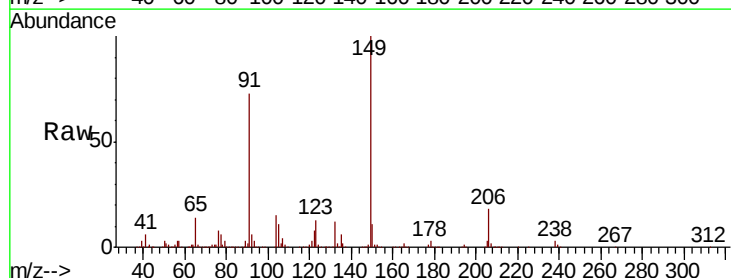
Tgt Ion:149 Resp: 563538

Ion Ratio Lower Upper

149 100

91 73.5 61.0 91.4

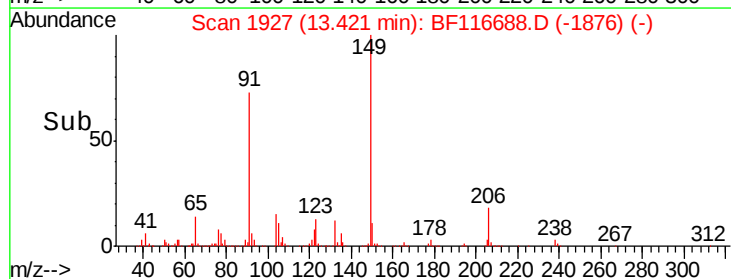
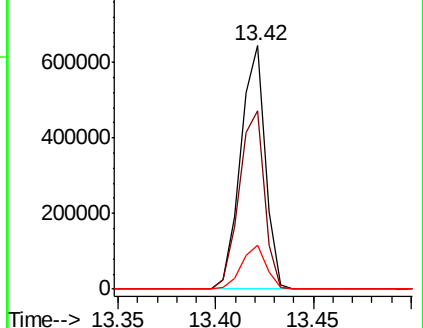
206 18.1 14.8 22.2

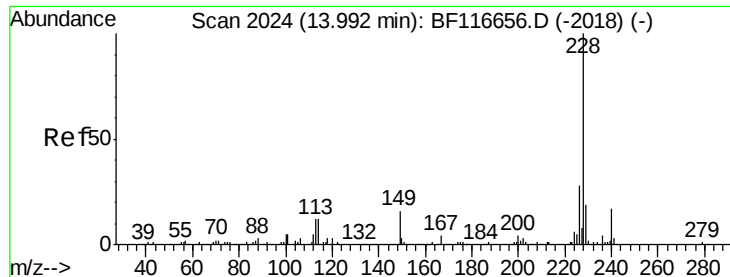


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.813 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

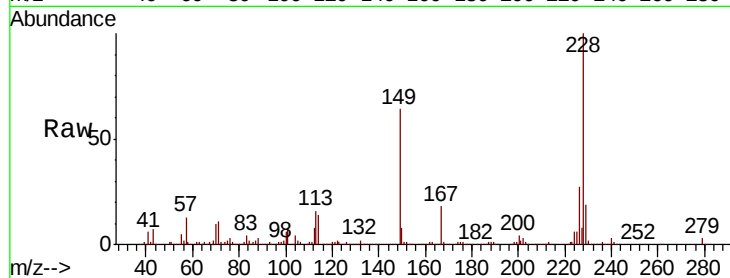
Tot Ion:228 Resp: 801733

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 19.3 16.4 24.6

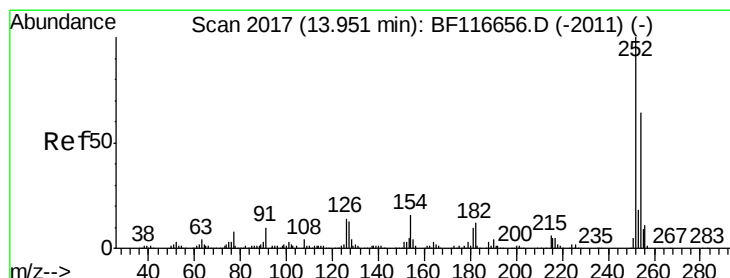
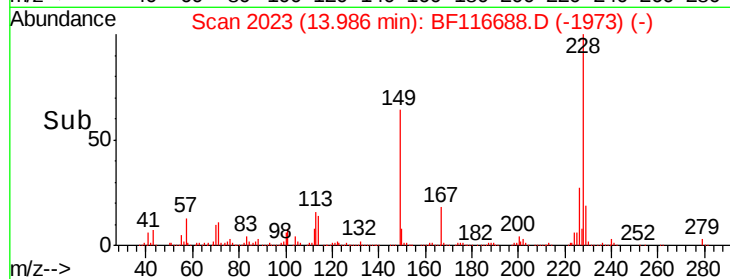
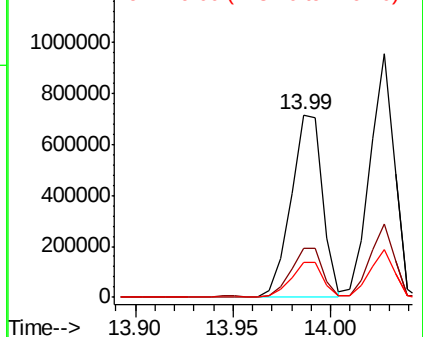


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.209 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

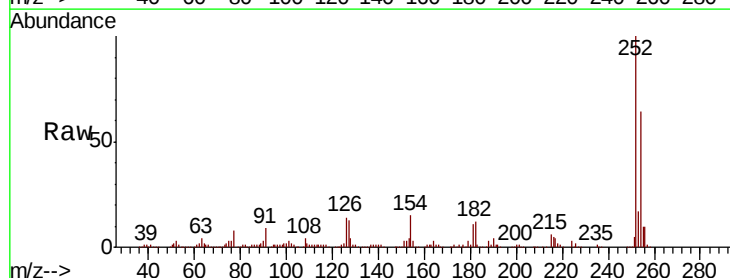
Tgt Ion:252 Resp: 280442

Ion Ratio Lower Upper

252 100

254 63.8 50.1 75.1

126 13.7 10.6 16.0

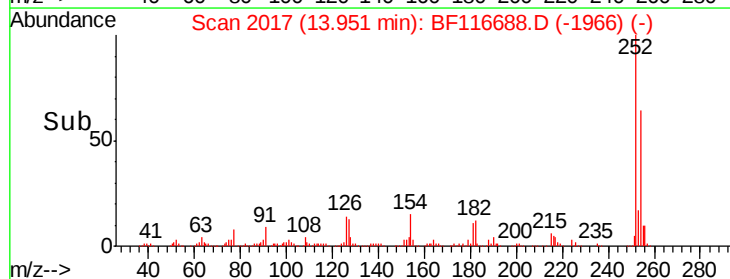
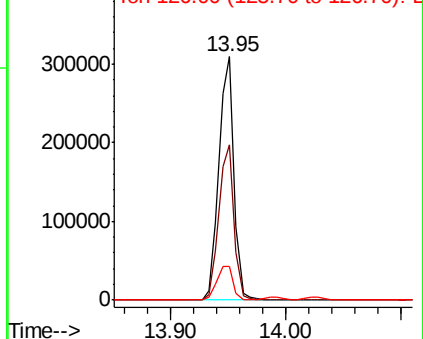


Abundance

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

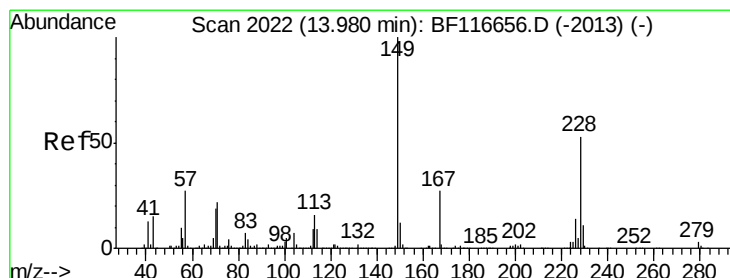
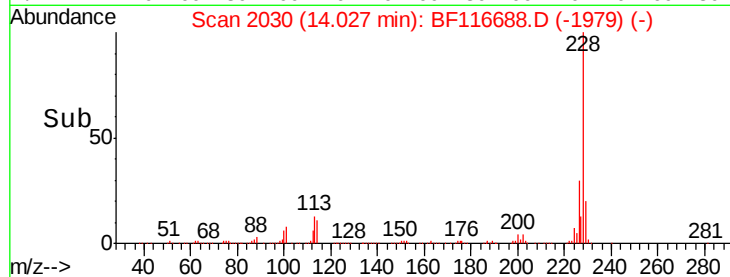
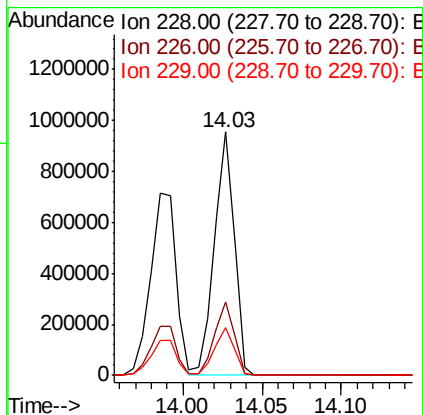
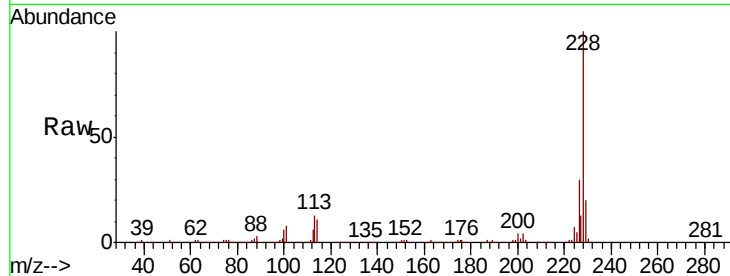




#83
Chrysene
Concen: 40.073 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

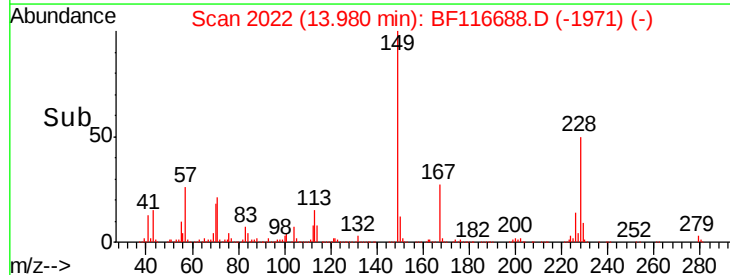
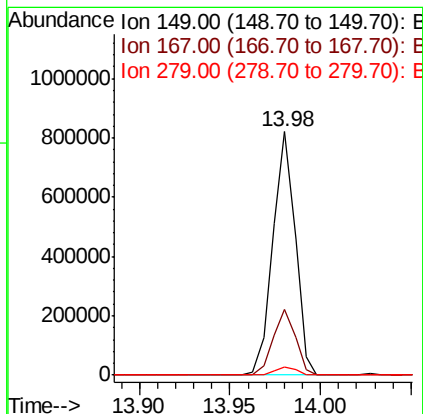
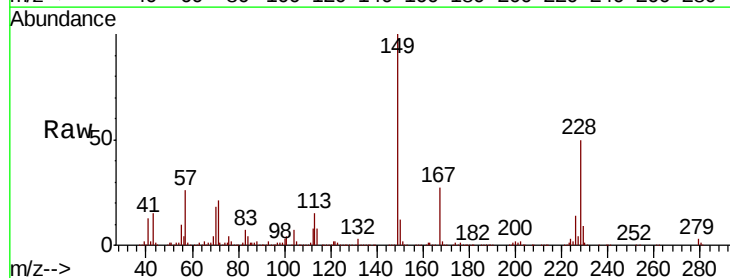
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

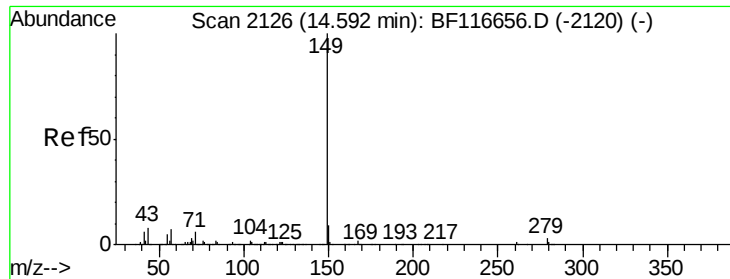
Tot Ion:228 Resp: 831368
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 19.8 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.649 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:149 Resp: 707153
Ion Ratio Lower Upper
149 100
167 27.1 21.0 31.4
279 3.1 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 41.749 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

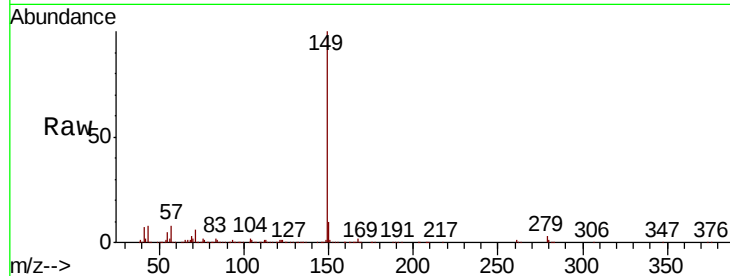
Tot Ion:149 Resp: 1160005

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

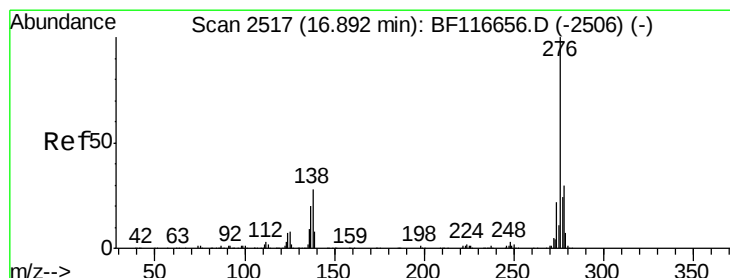
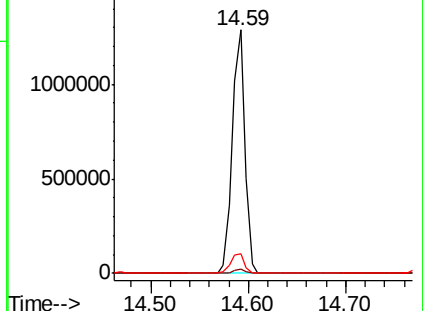
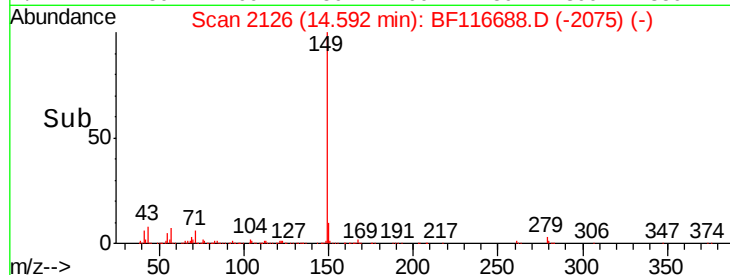
43 8.8 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.239 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

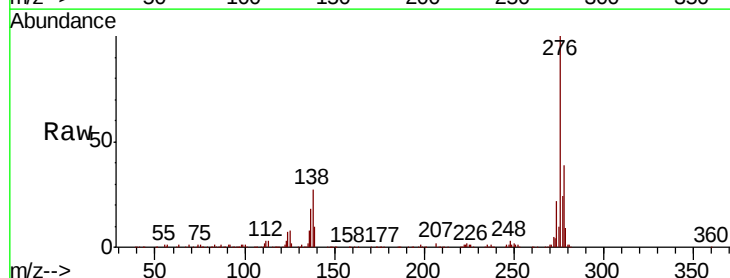
Tgt Ion:276 Resp: 603886

Ion Ratio Lower Upper

276 100

138 30.4 19.4 29.2#

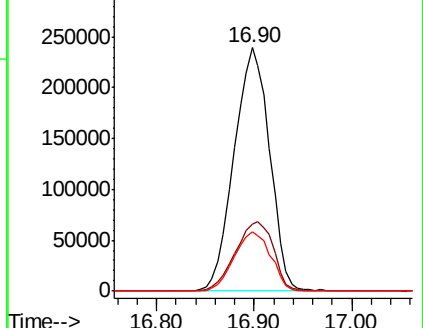
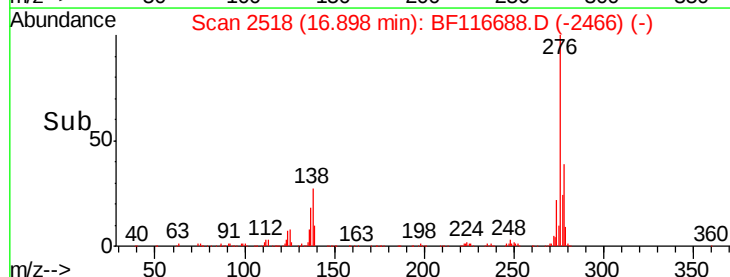
277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



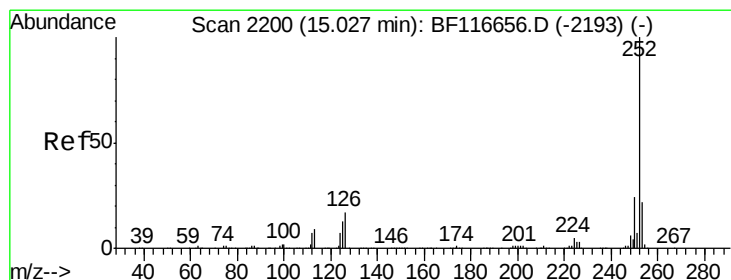
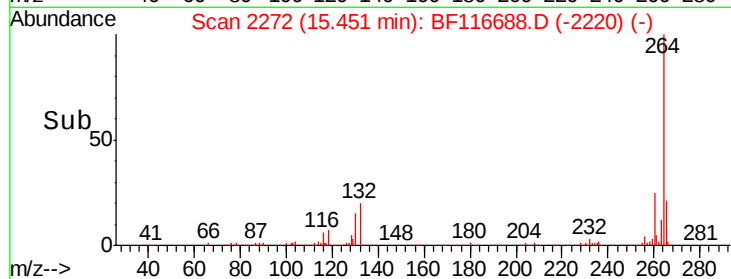
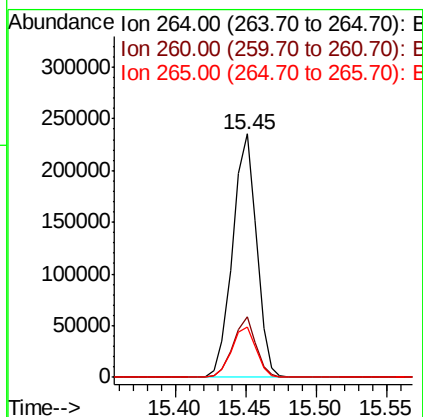
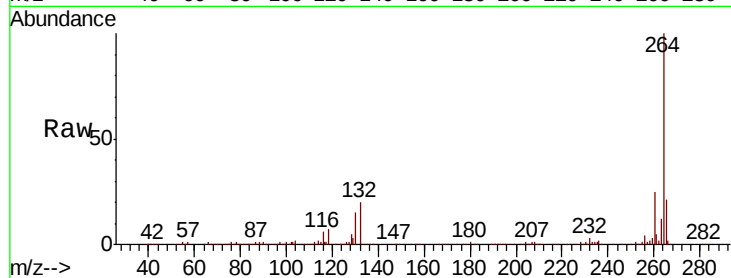


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 278753

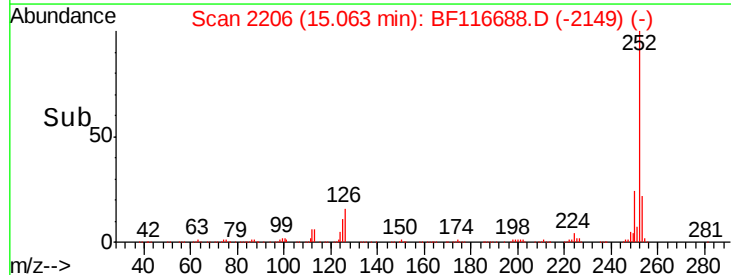
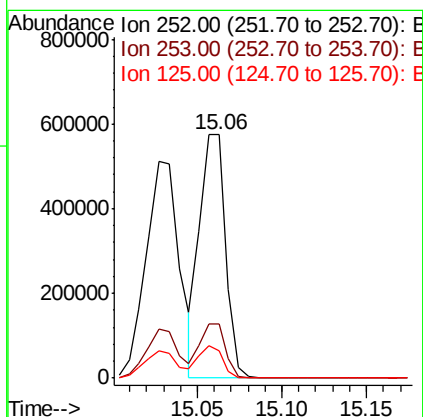
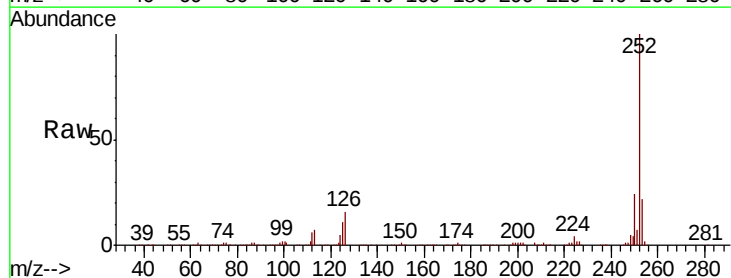
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	20.8	16.5	24.7



#88
Benzo(b)fluoranthene
Concen: 36.444 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.04 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:252 Resp: 614185

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.3	8.2	12.2

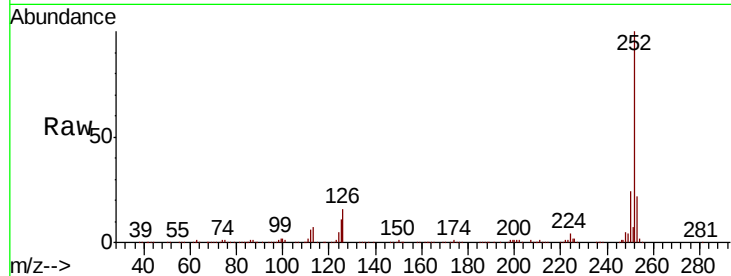




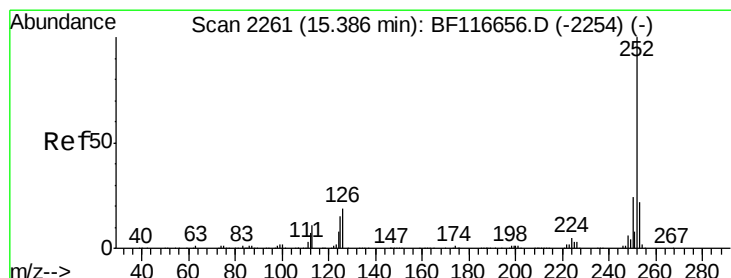
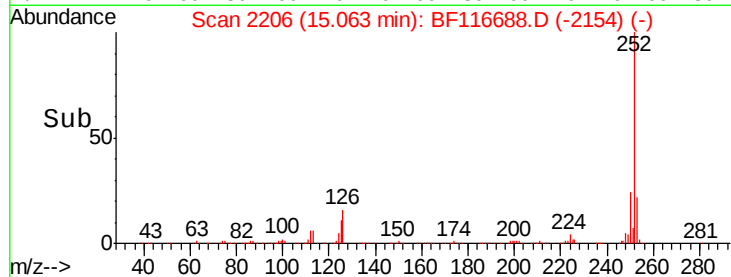
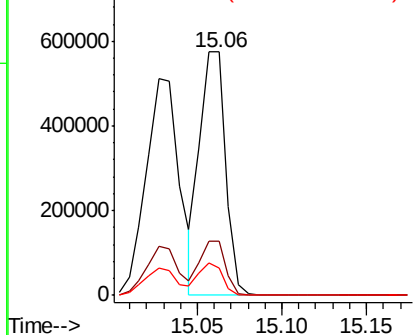
#89
Benzo(k)fluoranthene
Concen: 39.970 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 614185
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.3 8.6 13.0

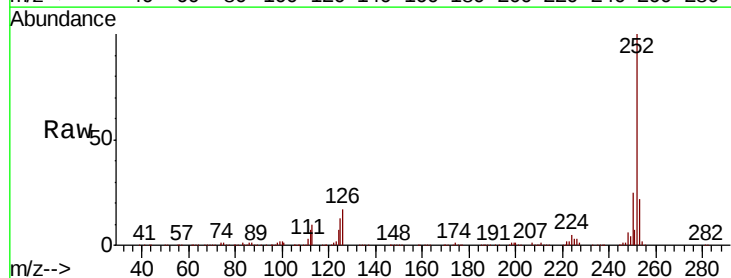


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

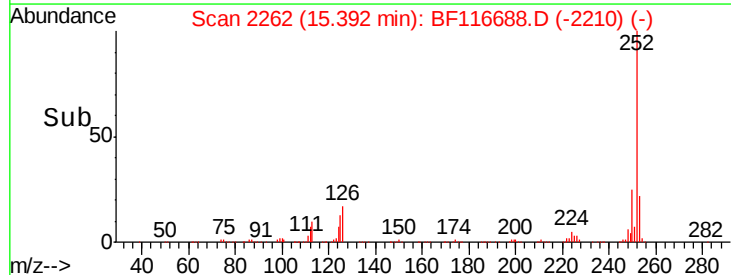
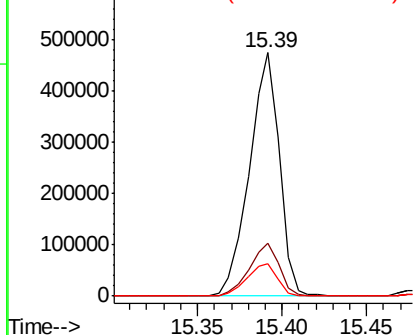


#90
Benzo(a)pyrene
Concen: 40.059 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:252 Resp: 587357
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.3 9.8 14.8



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

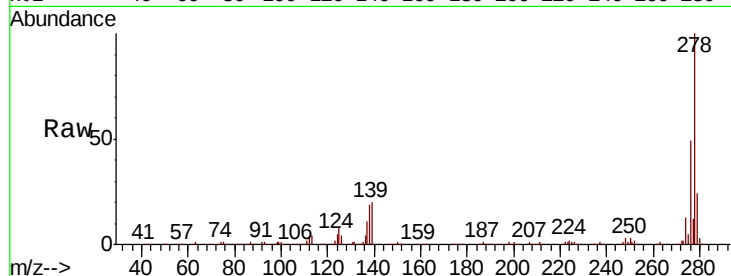




#91
Dibenzo(a,h)anthracene
Concen: 38.291 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	12.4	18.6#
279	23.8	18.2	27.4

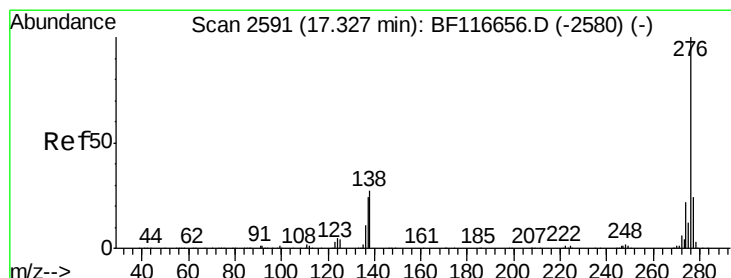
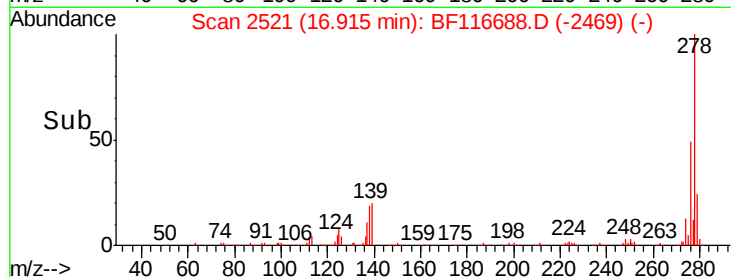
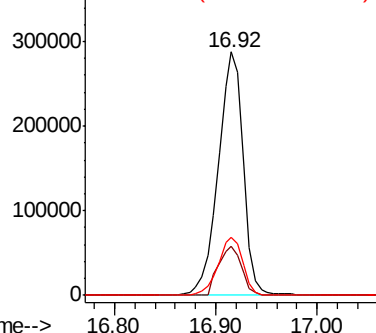


Abundance

Ion 278.00 (277.70 to 278.70): E

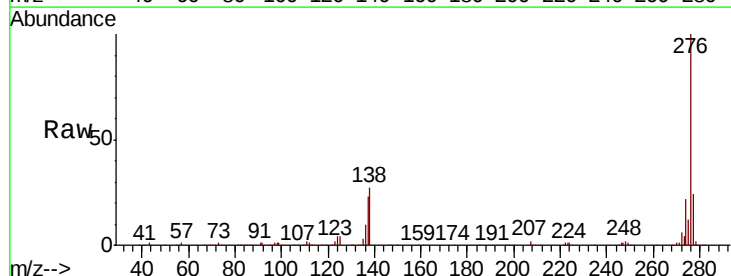
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.148 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	26.5	16.2	24.2#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

