

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115107.D
 Acq On : 22 Jun 2019 8:49
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 04:31:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	217115	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	892622	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	437554	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	845762	20.00	ng	0.00
76) Chrysene-d12	13.73	240	625697	20.00	ng	-0.02
87) Perylene-d12	15.09	264	739352	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1160138	82.46	ng	0.00
7) Phenol-d6	6.25	99	1406259	82.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	1212337	83.55	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	397134	86.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2174101	84.40	ng	-0.01
79) Terphenyl-d14	12.69	244	2422962	82.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	269976	40.659	ng	100
3) Pyridine	2.84	79	752015	40.182	ng	98
4) n-Nitrosodimethylamine	2.78	42	290096	39.540	ng	99
6) Aniline	6.27	93	965782	41.150	ng	97
8) 2-Chlorophenol	6.40	128	658298	41.611	ng	100
9) Benzaldehyde	6.15	77	456357	40.962	ng	99
10) Phenol	6.27	94	825403	41.263	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	608023	41.235	ng	98
12) 1,3-Dichlorobenzene	6.55	146	718963	40.949	ng	99
13) 1,4-Dichlorobenzene	6.63	146	726783	41.280	ng	99
14) 1,2-Dichlorobenzene	6.78	146	682739	41.874	ng	99
15) Benzyl Alcohol	6.76	79	510196	41.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	871719	40.761	ng	99
17) 2-Methylphenol	6.87	107	527565	40.400	ng	98
18) Hexachloroethane	7.13	117	261674	41.226	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	440158	40.260	ng	100
20) 3+4-Methylphenols	7.03	107	612412	40.615	ng	97
22) Acetophenone	7.02	105	831447	40.687	ng	99
24) Nitrobenzene	7.20	77	659729	41.269	ng	99
25) Isophorone	7.44	82	1185561	39.884	ng	99
26) 2-Nitrophenol	7.51	139	345620	43.779	ng	99
27) 2,4-Dimethylphenol	7.56	122	524323	40.564	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	770315	41.001	ng	100
29) 2,4-Dichlorophenol	7.75	162	546445	40.965	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	616442	41.837	ng	99
31) Naphthalene	7.92	128	1804077	41.173	ng	100
32) Benzoic acid	7.68	122	384972	41.724	ng	97
33) 4-Chloroaniline	7.97	127	818435	40.870	ng	99
34) Hexachlorobutadiene	8.05	225	338211	41.887	ng	99
35) Caprolactam	8.34	113	178248	39.745	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	549768	40.696	ng	99
37) 2-Methylnaphthalene	8.61	142	1218426	41.242	ng	99
38) 1-Methylnaphthalene	8.71	142	1170734	41.492	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	522135	42.228	ng	100

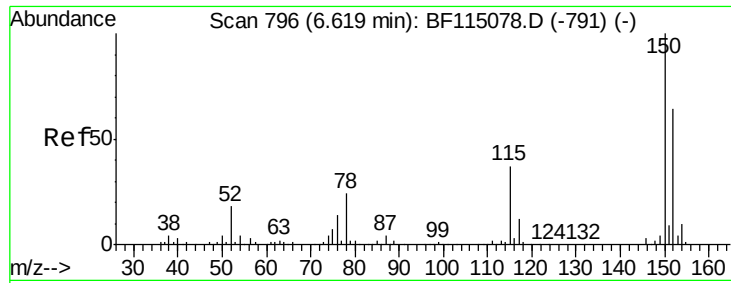
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115107.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	294005	40.100	nq	98
43) 2,4,6-Trichlorophenol	8.88	196	389271	40.779	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	413798	42.094	nq	97
46) 1,1'-Biphenyl	9.07	154	1408342	40.226	nq	99
47) 2-Chloronaphthalene	9.09	162	1195475	42.096	nq	97
48) 2-Nitroaniline	9.18	65	349353	42.195	nq	94
49) Acenaphthylene	9.50	152	1830782	41.377	nq	99
50) Dimethylphthalate	9.38	163	1311151	40.729	nq	100
51) 2,6-Dinitrotoluene	9.43	165	312497	42.047	nq	91
52) Acenaphthene	9.68	154	1149406	41.514	nq	99
53) 3-Nitroaniline	9.59	138	384044	42.344	nq	98
54) 2,4-Dinitrophenol	9.69	184	140916	40.809	nq	# 86
55) Dibenzofuran	9.84	168	1602019	40.314	nq	99
56) 4-Nitrophenol	9.75	139	298292	41.024	nq	95
57) 2,4-Dinitrotoluene	9.82	165	408805	42.600	nq	93
58) Fluorene	10.18	166	1132489	42.427	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	345245	41.883	nq	100
60) Diethylphthalate	10.08	149	1330000	41.101	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	546371	43.180	nq	98
62) 4-Nitroaniline	10.20	138	370811	40.755	nq	98
63) Azobenzene	10.34	77	1235585	40.880	nq	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	186589	42.138	nq	90
66) n-Nitrosodiphenylamine	10.30	169	1097906	41.667	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	386931	42.196	nq	97
68) Hexachlorobenzene	10.73	284	422577	42.456	nq	96
69) Atrazine	10.83	200	348151	41.074	nq	99
70) Pentachlorophenol	10.92	266	272616	42.993	nq	99
71) Phenanthrene	11.14	178	1817450	39.911	nq	100
72) Anthracene	11.19	178	1853575	40.324	nq	99
73) Carbazole	11.34	167	1686402	41.085	nq	100
74) Di-n-butylphthalate	11.69	149	1991022	41.977	nq	100
75) Fluoranthene	12.31	202	1894345	41.694	nq	99
77) Benzidine	12.44	184	1147066	41.286	nq	98
78) Pyrene	12.54	202	1920215	39.934	nq	100
80) Butylbenzylphthalate	13.18	149	864702	40.748	nq	94
81) Benzo(a)anthracene	13.72	228	1829249	40.744	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	675944	41.692	nq	98
83) Chrysene	13.76	228	1682504	40.911	nq	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1162903	41.823	nq	100
85) Di-n-octyl phthalate	14.35	149	1929919	41.310	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2125380	43.675	nq	99
88) Benzo(b)fluoranthene	14.72	252	1784782	38.687	nq	98
89) Benzo(k)fluoranthene	14.75	252	1753289	42.379	nq	99
90) Benzo(a)pyrene	15.04	252	1715990	41.269	nq	98
91) Dibenzo(a,h)anthracene	16.38	278	1710790	44.072	nq	99
92) Benzo(g,h,i)perylene	16.75	276	1750885	44.565	nq	99

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

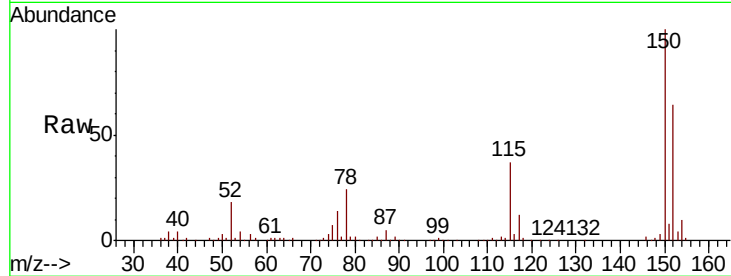


#1

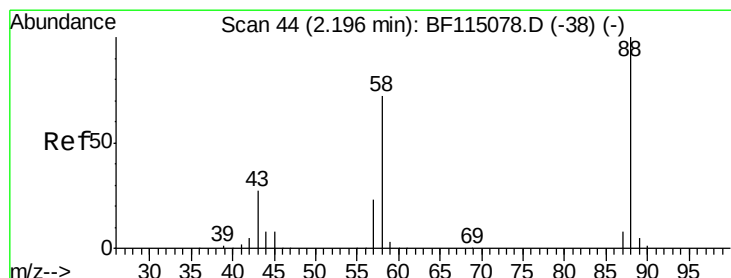
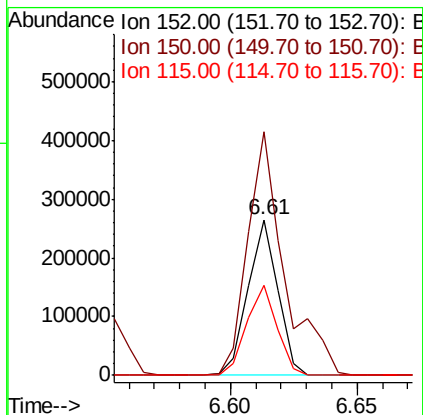
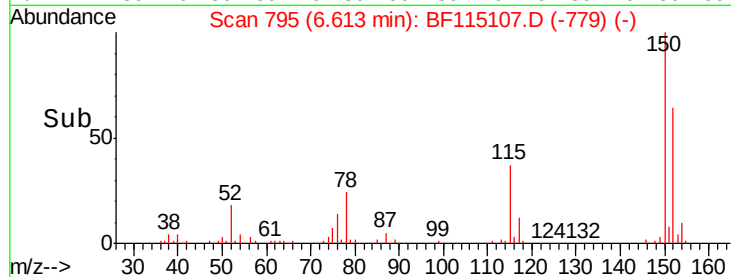
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	58.1	46.1	69.1



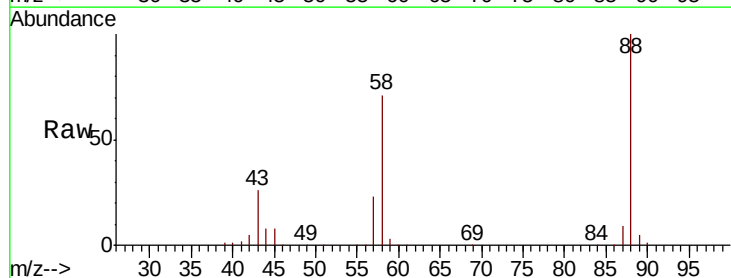
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



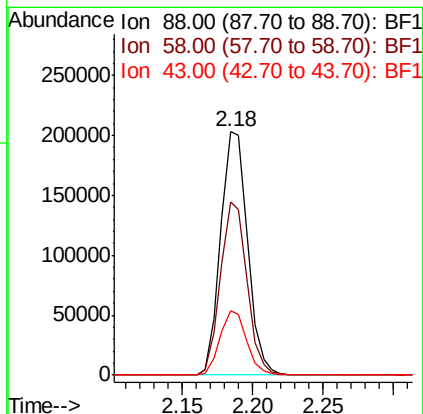
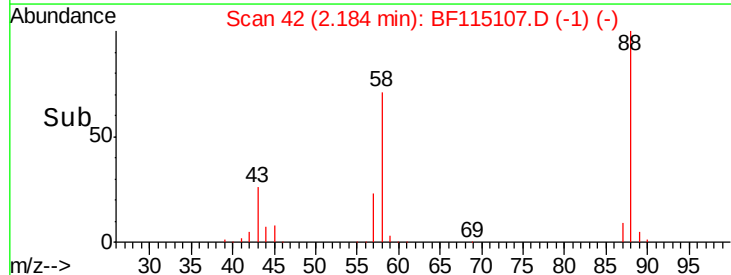
#2

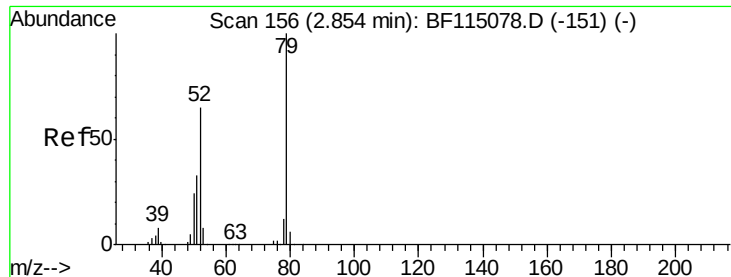
1,4-Dioxane
 Concen: 40.659 ng
 RT: 2.18 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	56.1	84.1
43	26.1	21.3	31.9



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





#3

Pvridine

Concen: 40.182 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

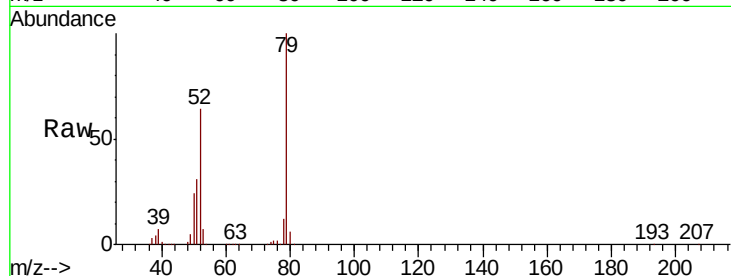
Tot Ion: 79 Resp: 752015

Ion Ratio Lower Upper

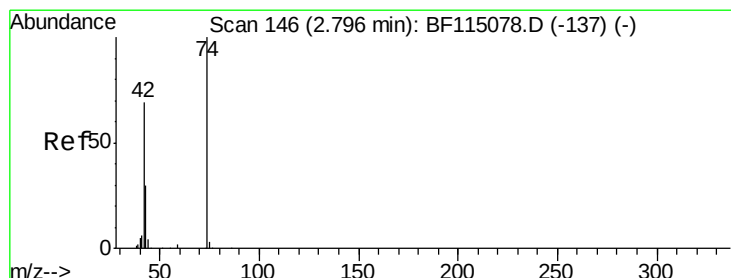
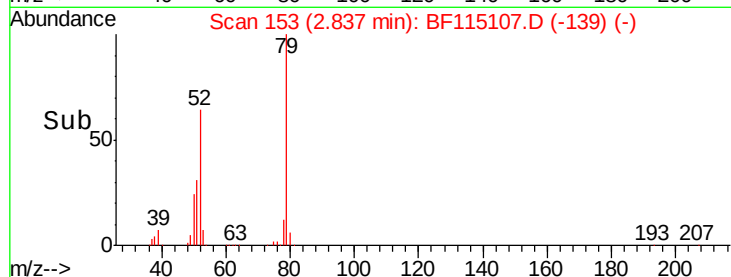
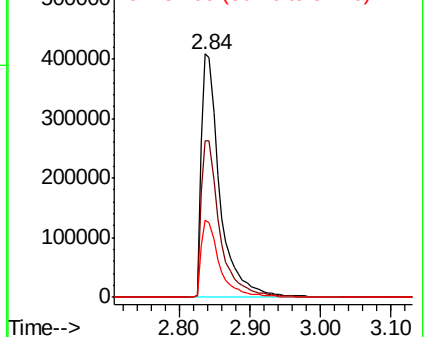
79 100

52 64.2 52.3 78.5

51 31.5 26.1 39.1



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: 39.540 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

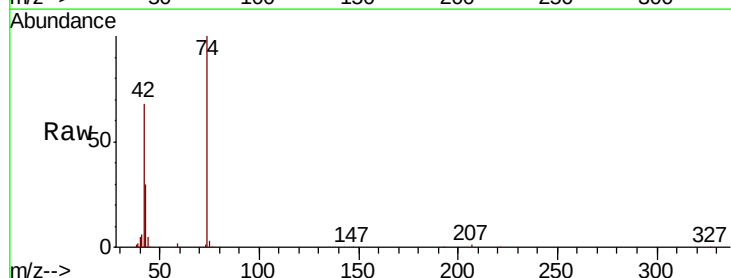
Tgt Ion: 42 Resp: 290096

Ion Ratio Lower Upper

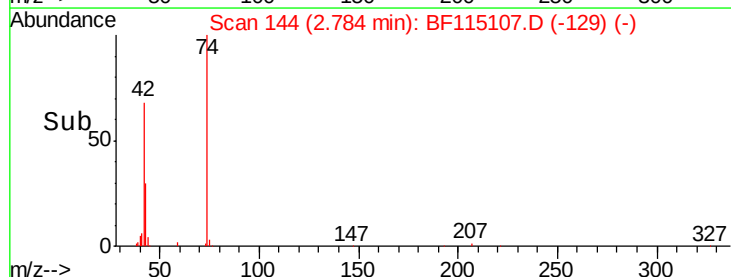
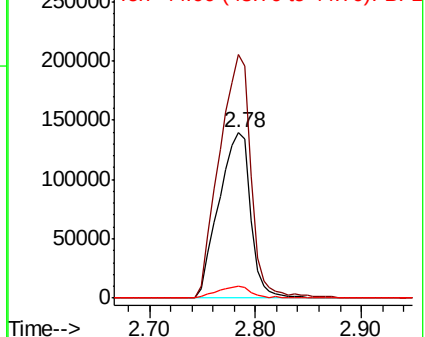
42 100

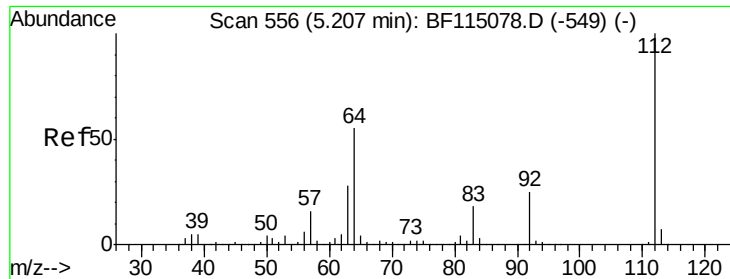
74 147.5 116.6 175.0

44 6.9 5.3 7.9



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: 82.458 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

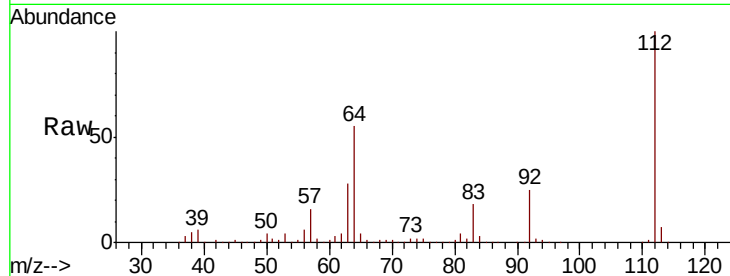
Tot Ion:112 Resp: 1160138

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.6

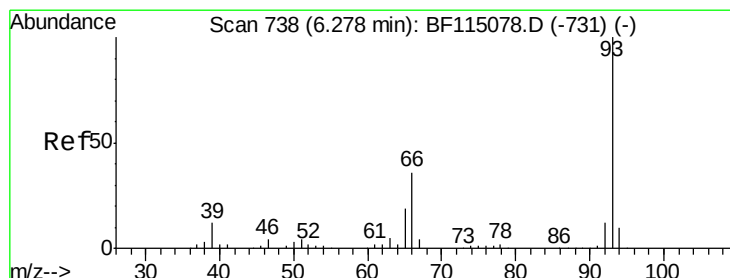
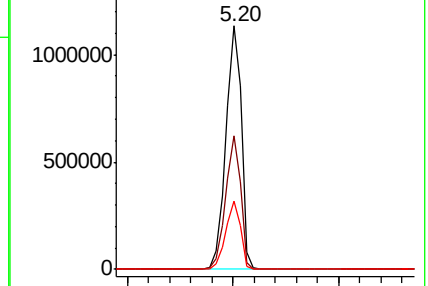
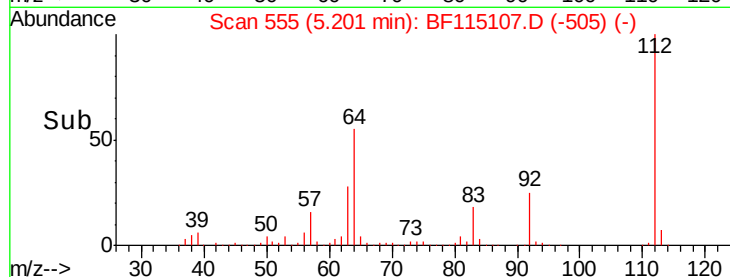
63 27.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115107.D (-505) (-)

Ion 64.00 (63.70 to 64.70): BF115107.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BF115107.D (-505) (-)



#6

Aniline

Concen: 41.150 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

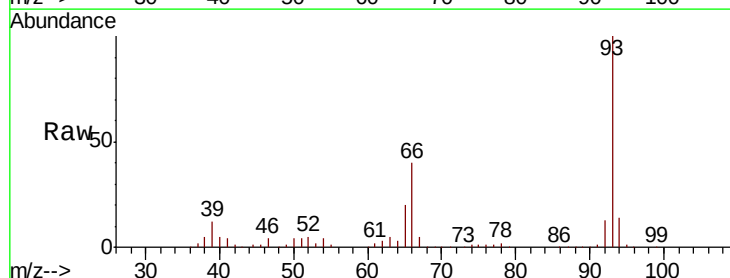
Tgt Ion: 93 Resp: 965782

Ion Ratio Lower Upper

93 100

66 39.8 30.0 45.0

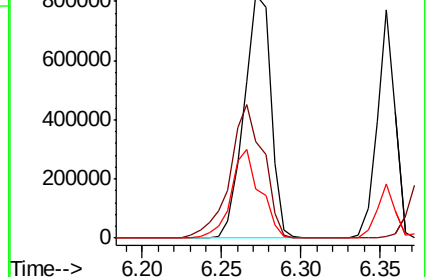
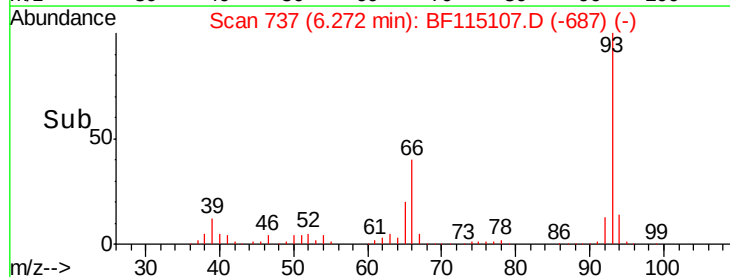
65 20.1 15.6 23.4

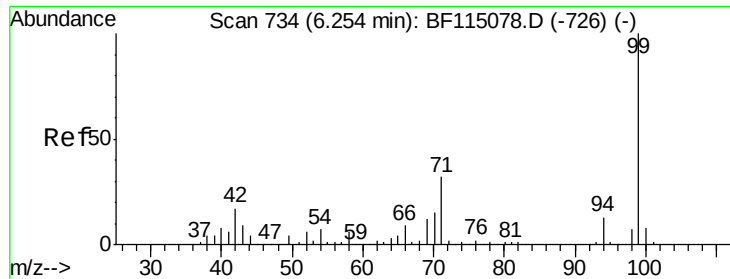


Abundance Ion 93.00 (92.70 to 93.70): BF115107.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BF115107.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BF115107.D (-687) (-)





#7

Phenol-d6

Concen: 82.349 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

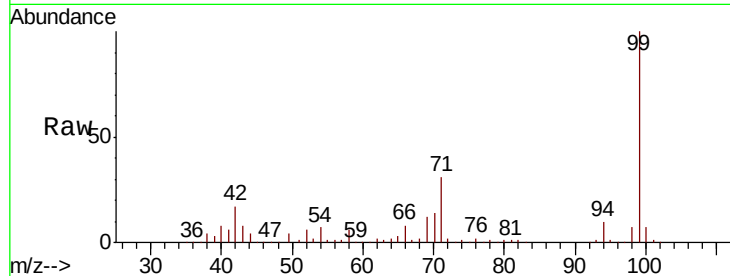
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1406259

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.4	25.5	38.3

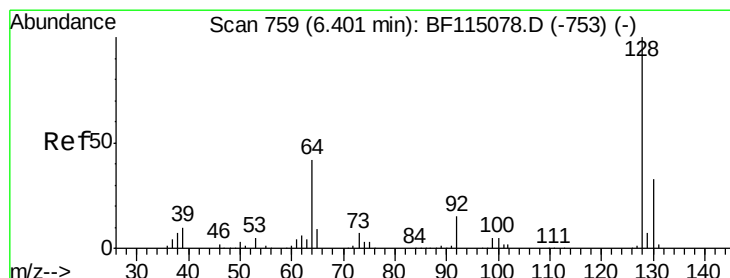
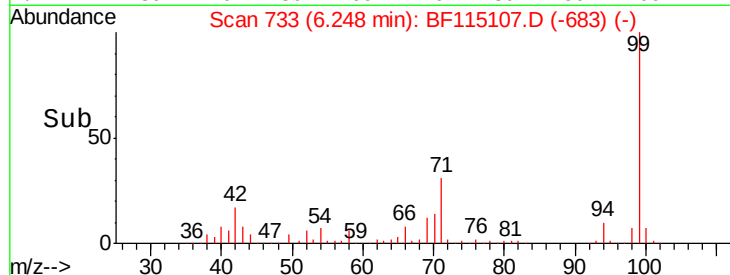
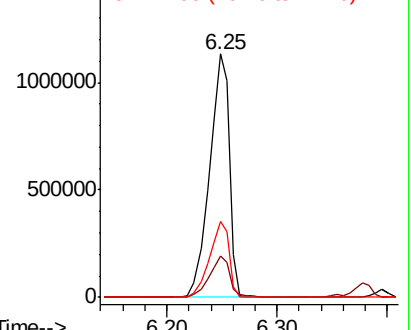


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.611 ng

RT: 6.40 min Scan# 758

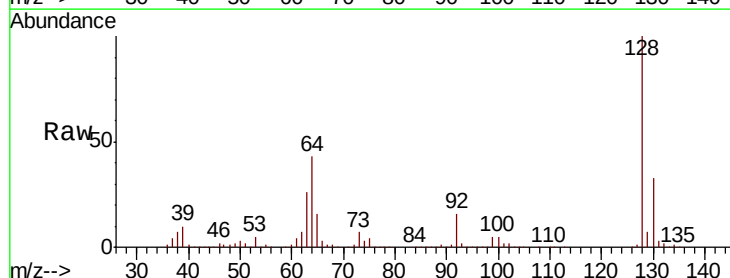
Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion: 128 Resp: 658298

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	42.7	22.9	62.9

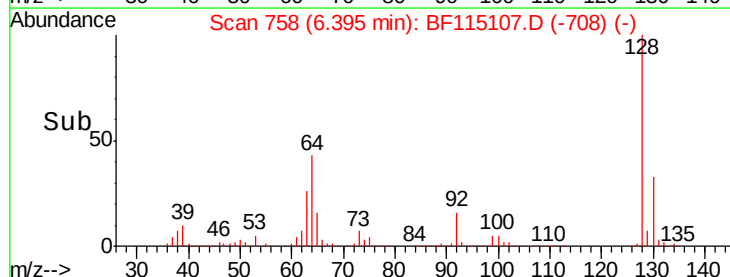
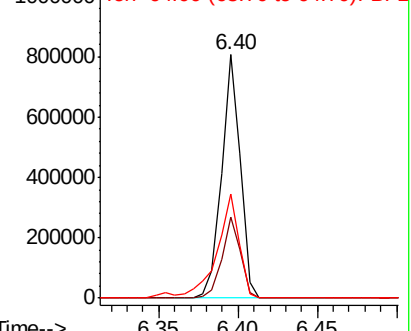


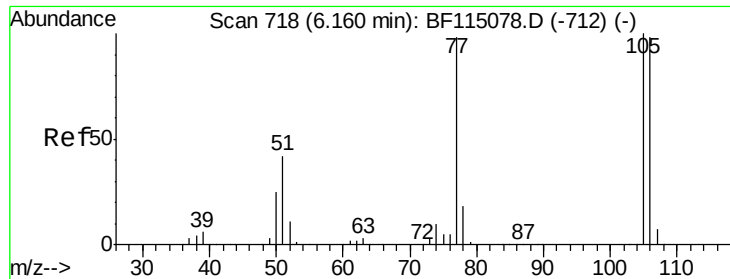
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.962 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

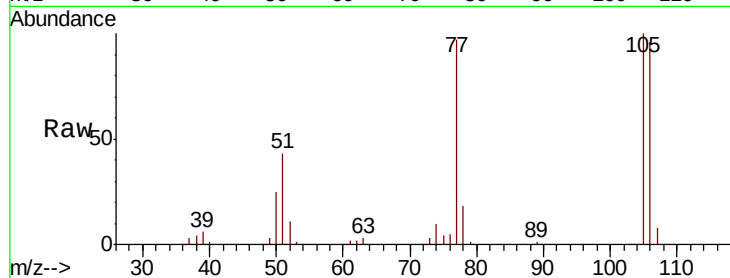
Tot Ion: 77 Resp: 456357

Ion Ratio Lower Upper

77 100

105 102.7 81.5 121.5

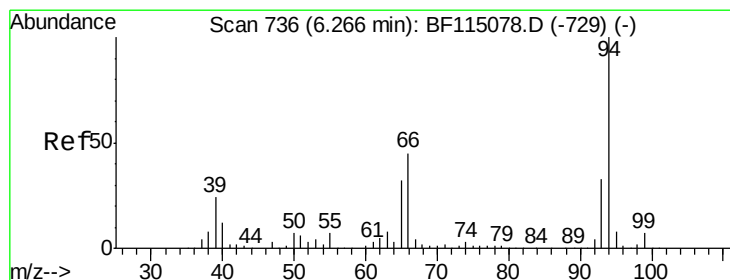
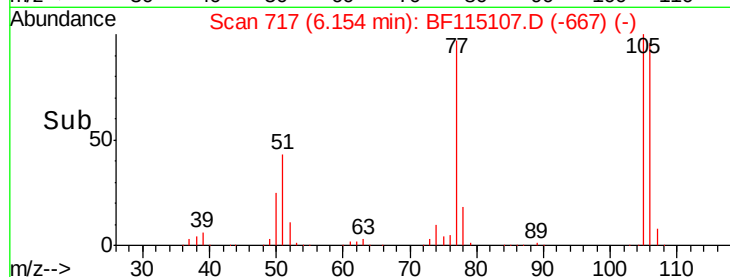
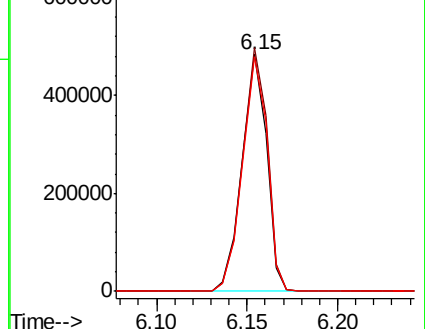
106 99.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.263 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

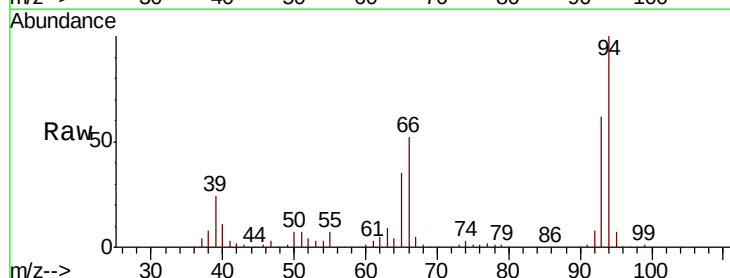
Tgt Ion: 94 Resp: 825403

Ion Ratio Lower Upper

94 100

65 35.0 11.9 51.9

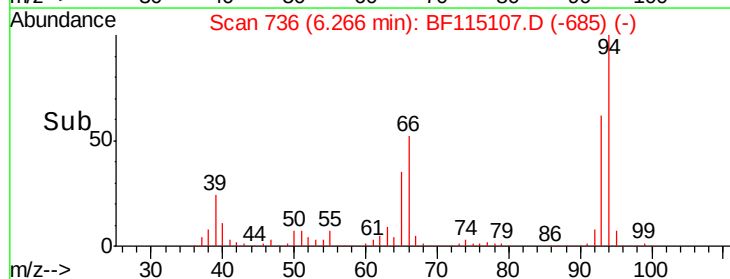
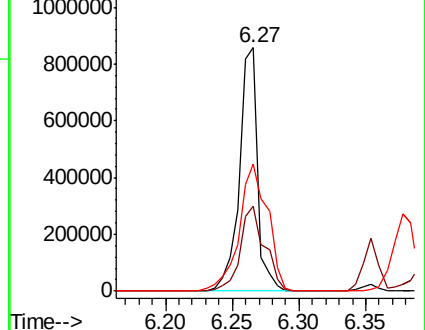
66 52.4 25.2 65.2

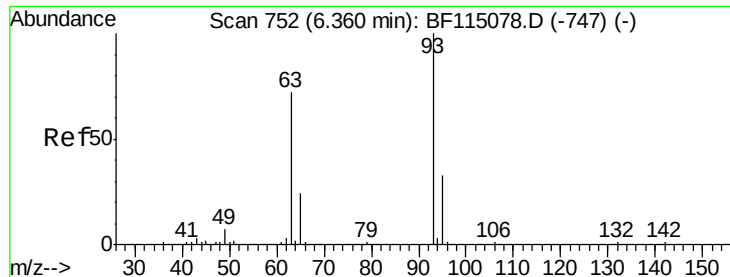


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.235 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

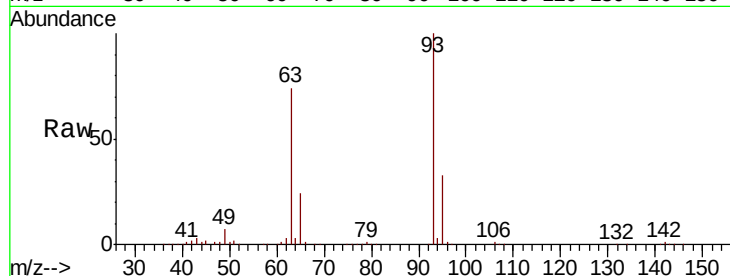
Tot Ion: 93 Resp: 608023

Ion Ratio Lower Upper

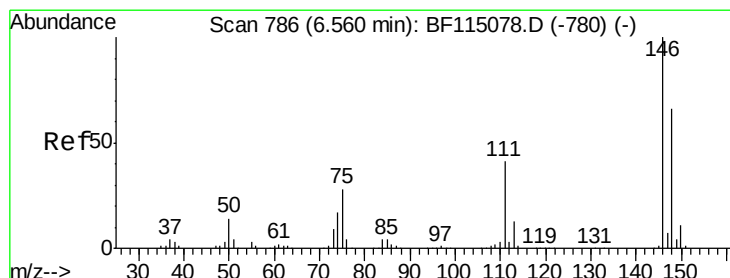
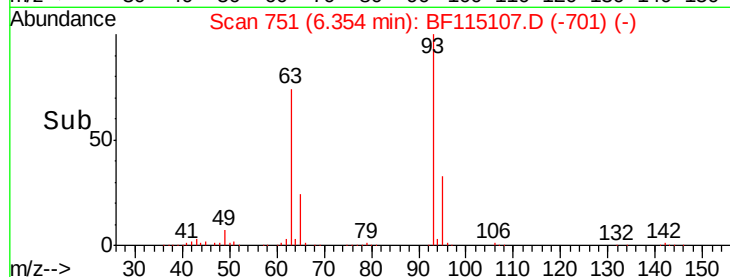
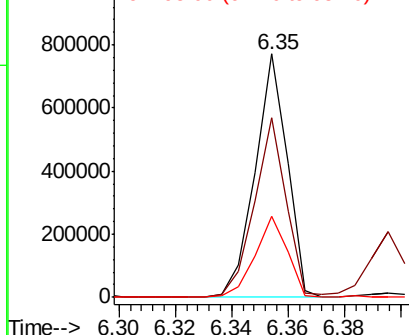
93 100

63 74.0 51.5 91.5

95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.949 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

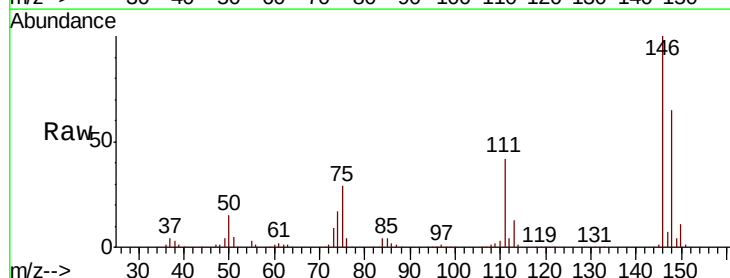
Tgt Ion: 146 Resp: 718963

Ion Ratio Lower Upper

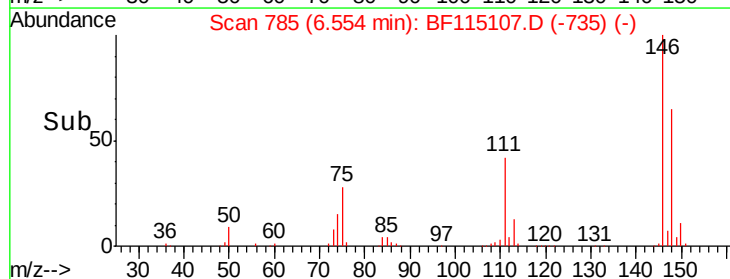
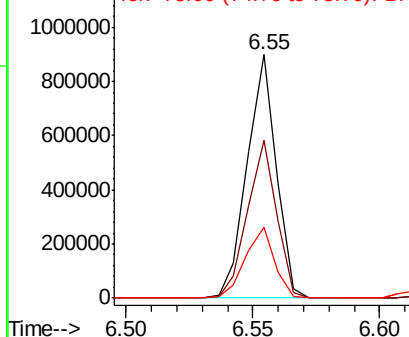
146 100

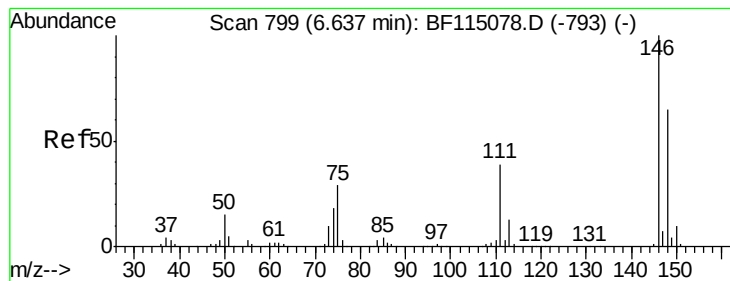
148 65.0 52.6 78.8

75 29.0 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.280 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

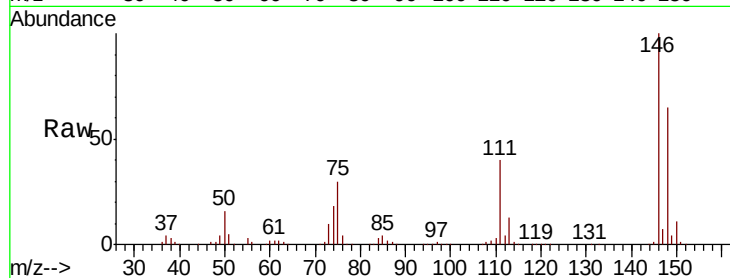
Tot Ion:146 Resp: 726783

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

111 40.2 31.4 47.0

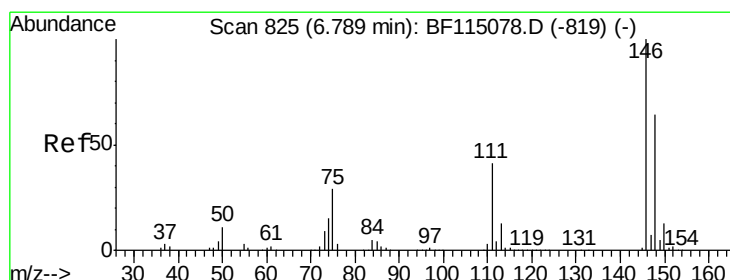
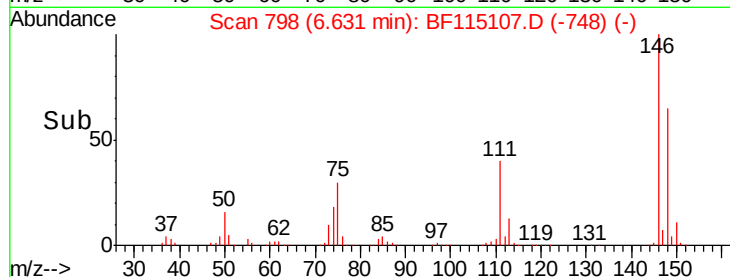
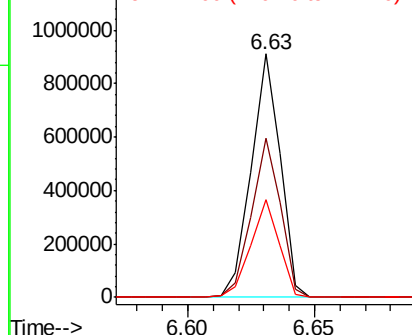


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.874 ng

RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

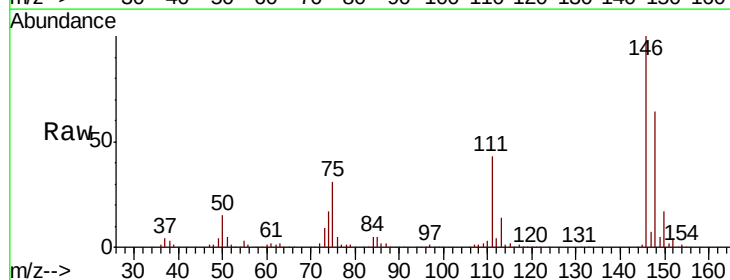
Tgt Ion:146 Resp: 682739

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 42.8 33.2 49.8

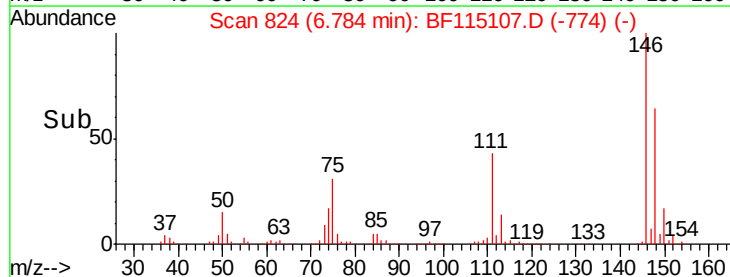
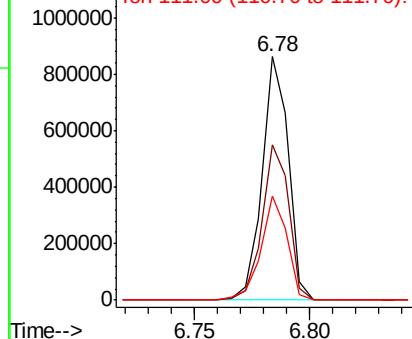


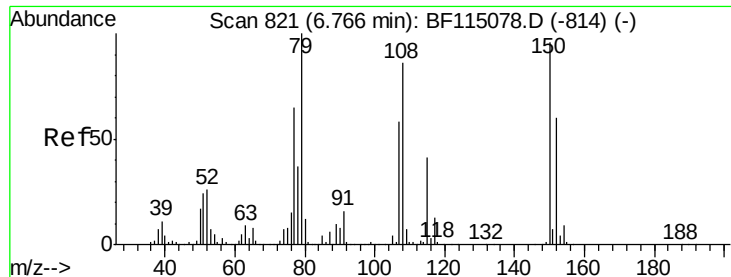
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

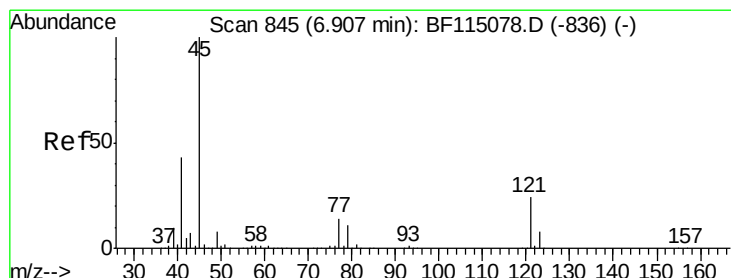
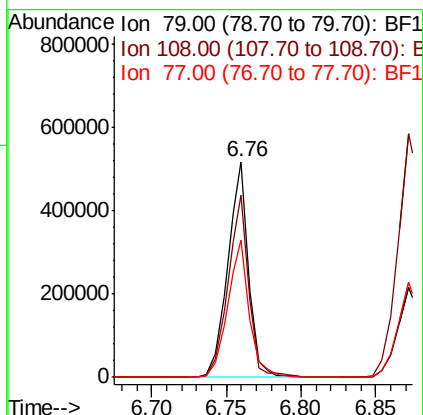
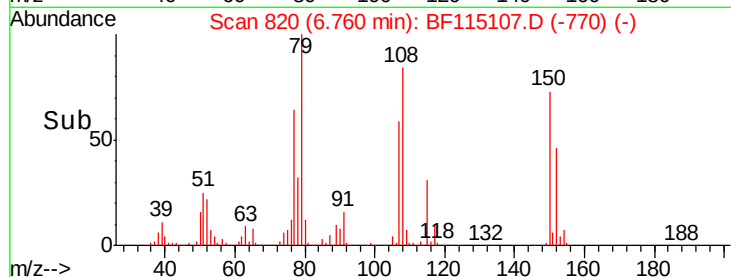
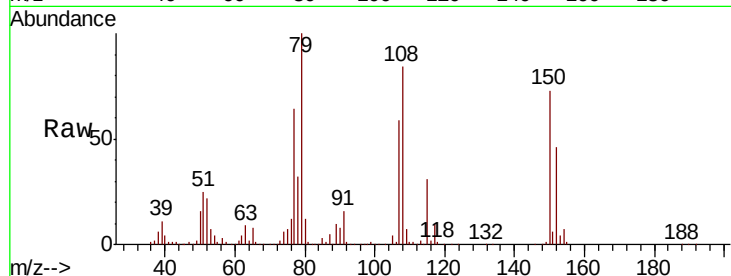




#15
Benzyl Alcohol
Concen: 41.030 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

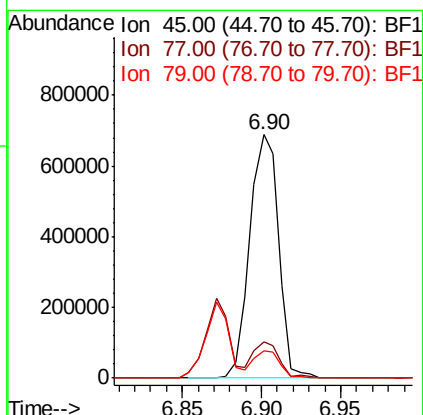
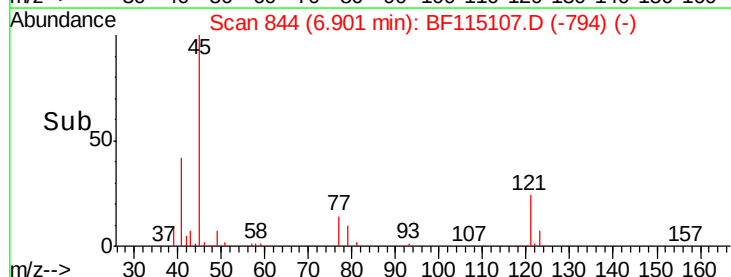
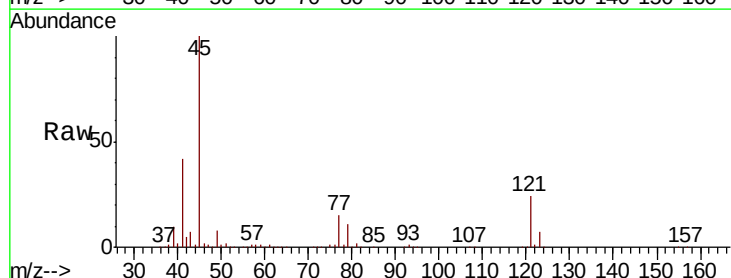
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

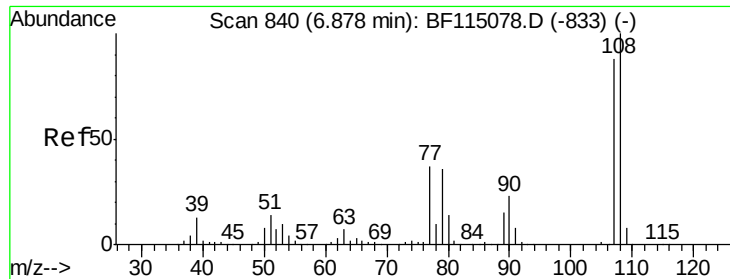
Tot Ion: 79 Resp: 510196
Ion Ratio Lower Upper
79 100
108 84.5 68.7 103.1
77 63.8 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.761 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion: 45 Resp: 871719
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 11.0 0.0 31.2

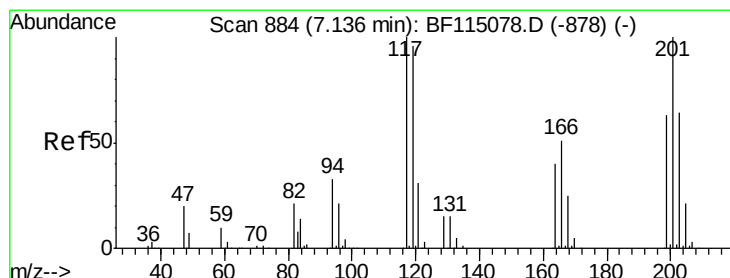
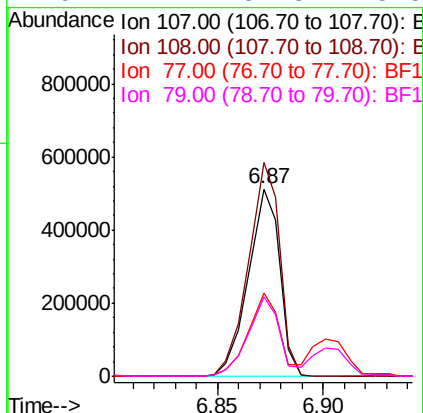
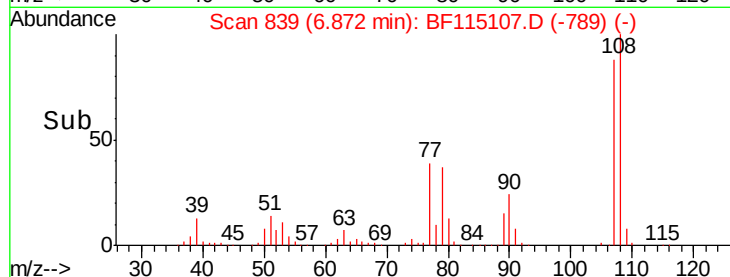
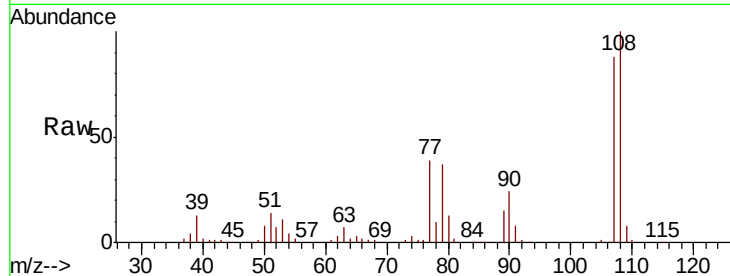




#17
2-Methylphenol
Concen: 40.400 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

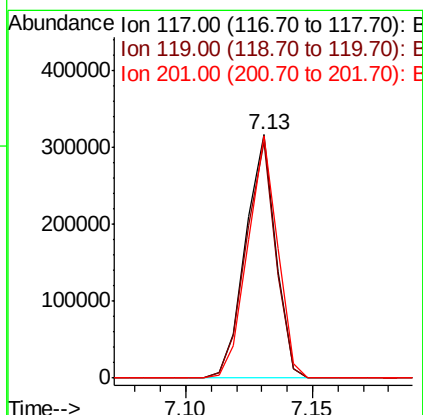
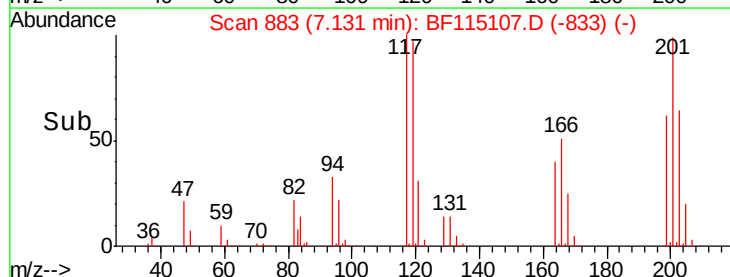
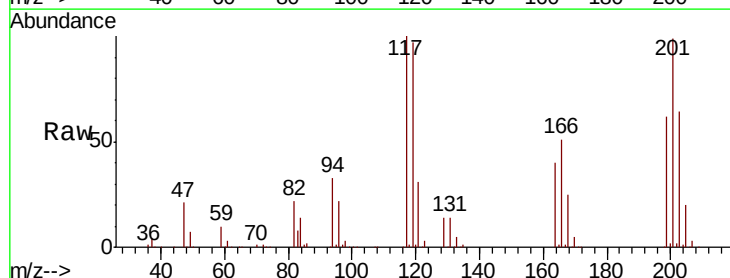
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

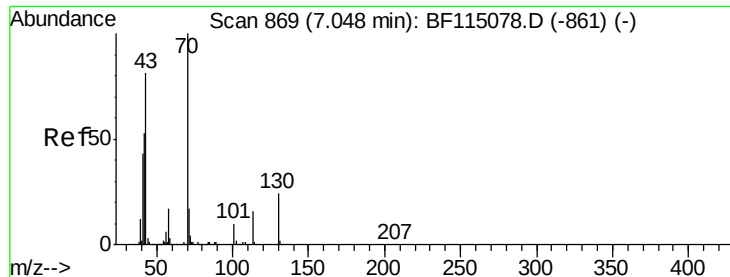
Tot Ion:	107	Resp:	527565
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	44.4	33.4	50.2
79	42.2	32.3	48.5



#18
Hexachloroethane
Concen: 41.226 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:	117	Resp:	261674
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	114.8
201	99.4	80.2	120.2

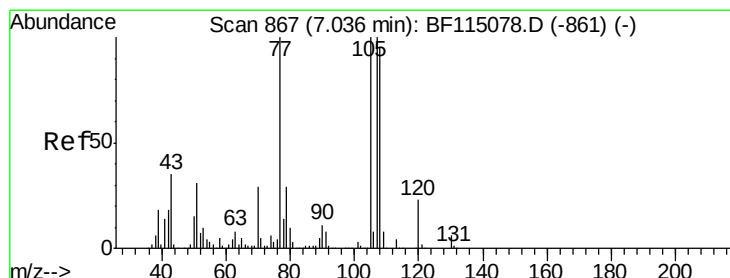
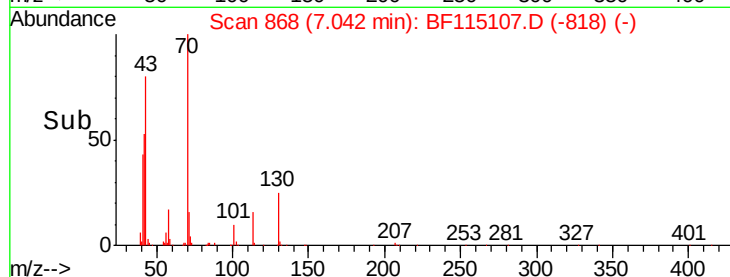
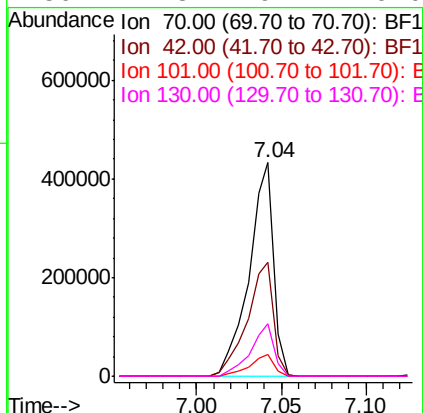
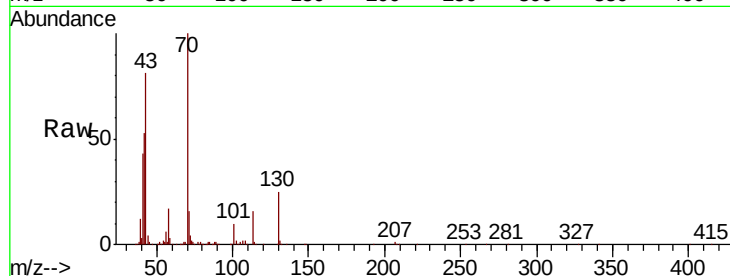




#19
n-Nitroso-di-n-propylamine
Concen: 40.260 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

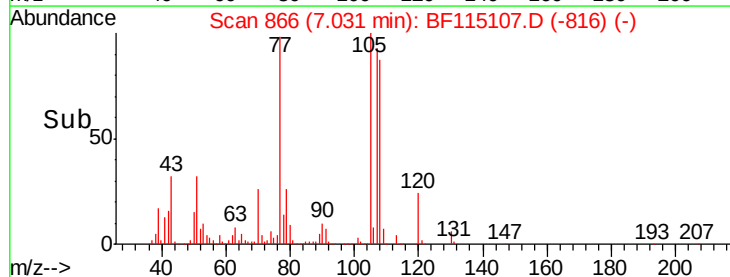
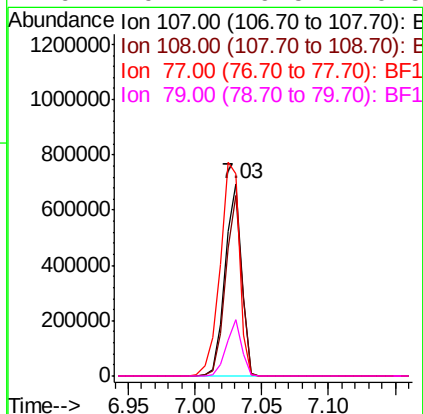
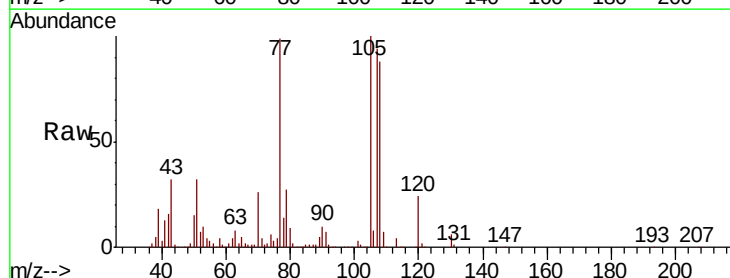
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

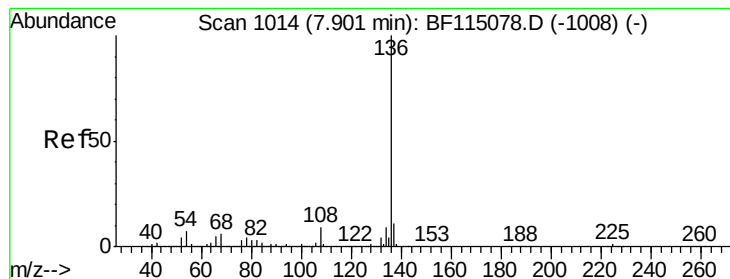
Tot Ion:	70	Resp:	440158
Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.6	63.8
101	10.1	8.0	12.0
130	24.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 40.615 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:	107	Resp:	612412
Ion	Ratio	Lower	Upper
107	100		
108	93.7	75.5	115.5
77	105.1	80.2	120.2
79	29.1	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 892622

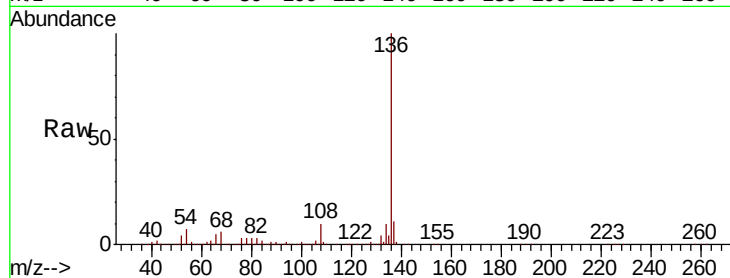
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 5.6 8.4

68 6.2 4.8 7.2

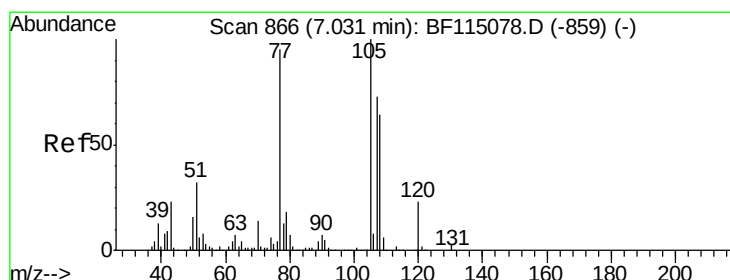
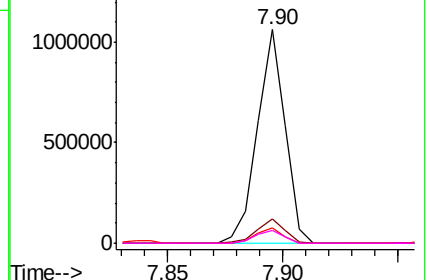
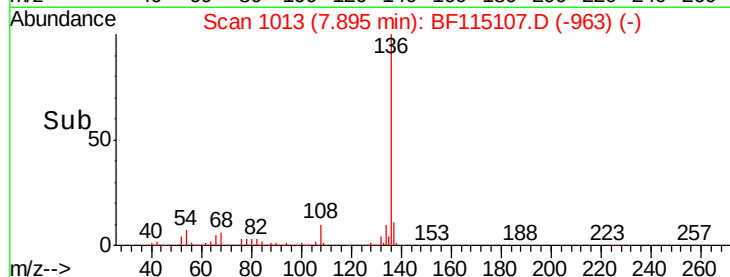


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.687 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion:105 Resp: 831447

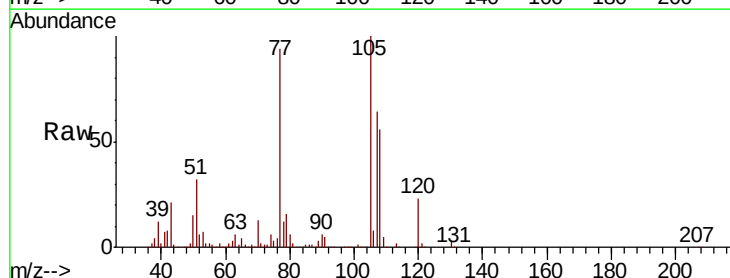
Ion Ratio Lower Upper

105 100

71 2.2 1.9 2.9

51 31.7 25.8 38.8

120 22.9 18.5 27.7

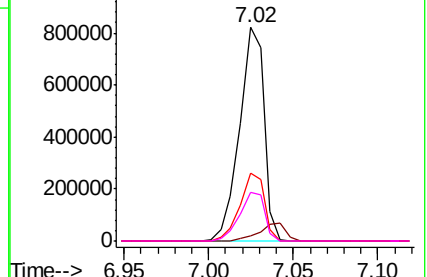
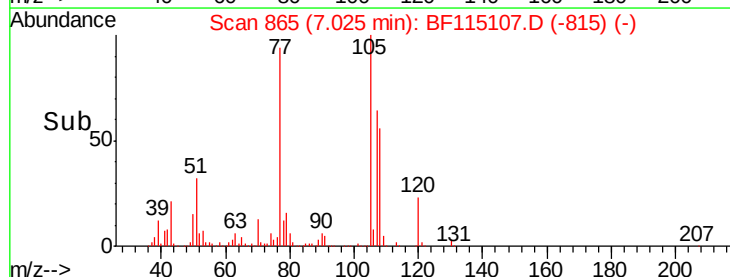


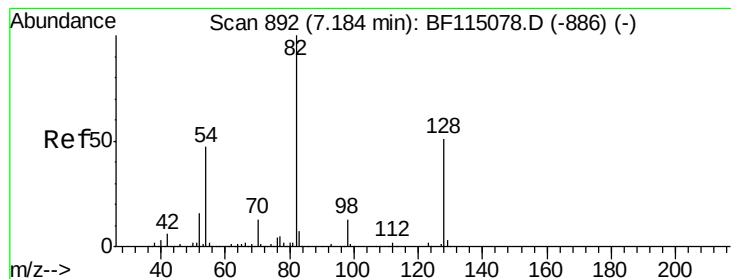
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.549 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

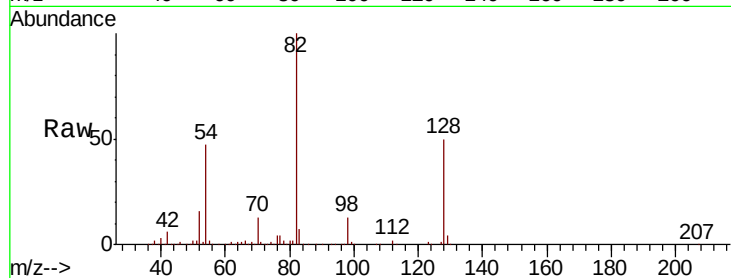
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1212337

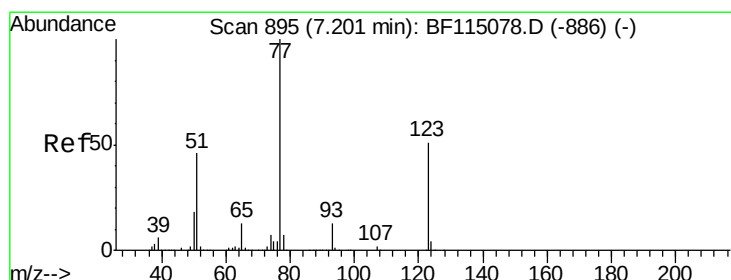
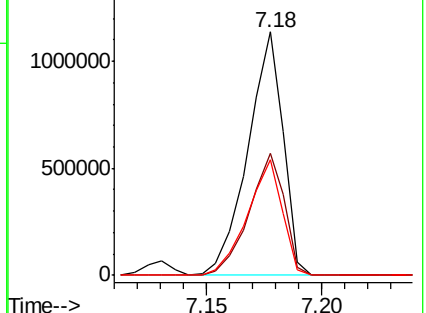
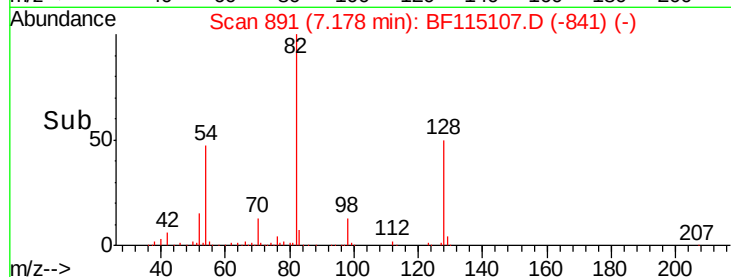
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.4	60.6
54	47.2	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.269 ng

RT: 7.20 min Scan# 894

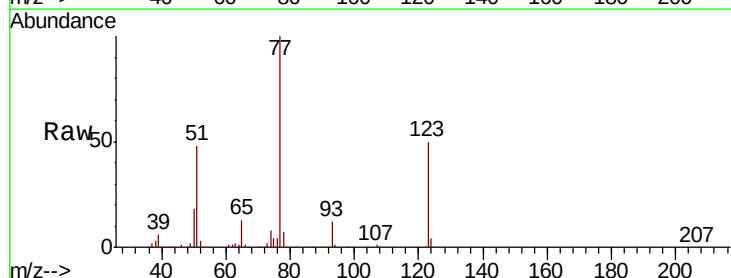
Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion: 77 Resp: 659729

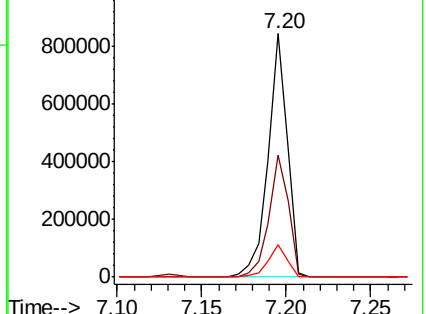
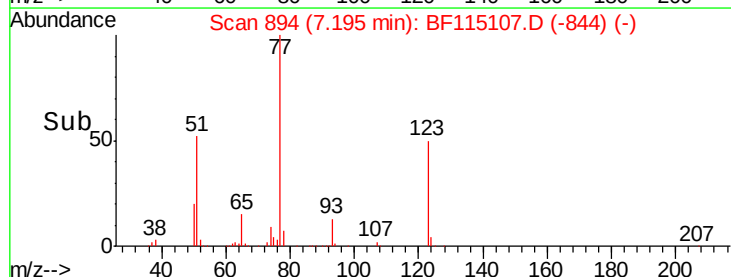
Ion	Ratio	Lower	Upper
77	100		
123	50.3	41.0	61.6
65	13.3	10.5	15.7

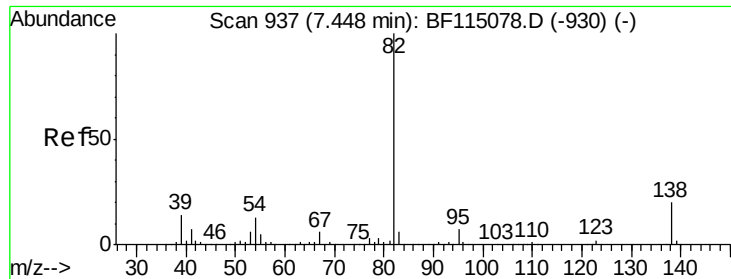


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.884 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

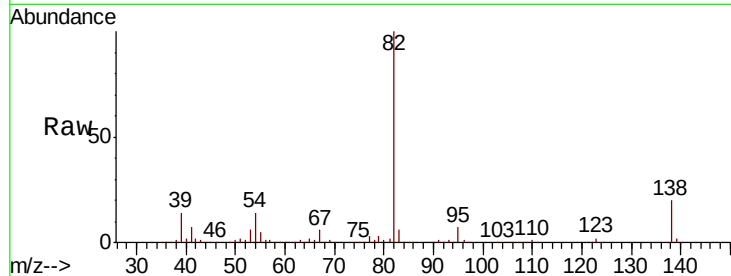
Tot Ion: 82 Resp: 1185561

Ion Ratio Lower Upper

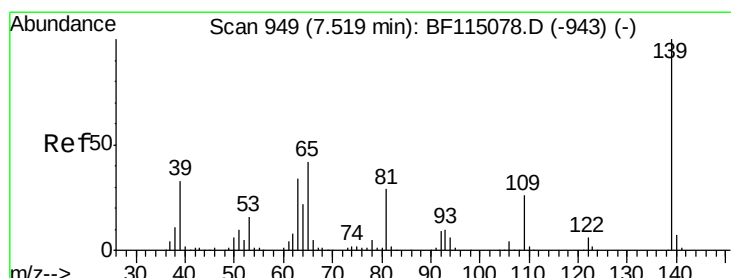
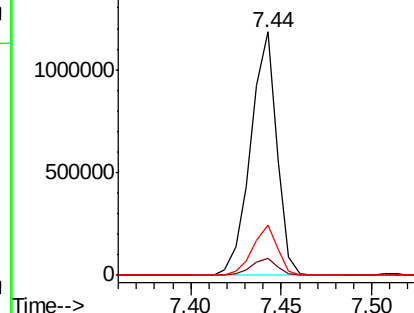
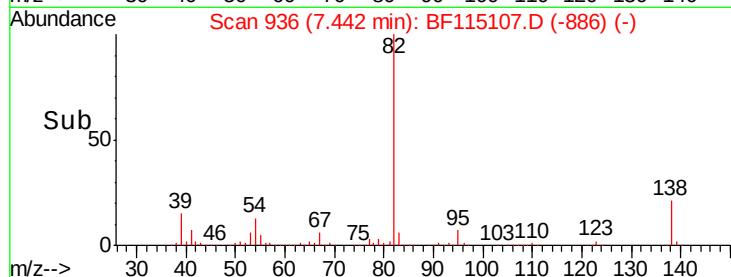
82 100

95 6.8 5.4 8.2

138 20.4 15.9 23.9



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



#26

2-Nitrophenol

Concen: 43.779 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

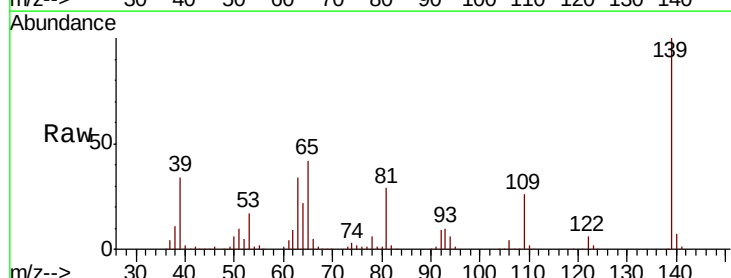
Tgt Ion: 139 Resp: 345620

Ion Ratio Lower Upper

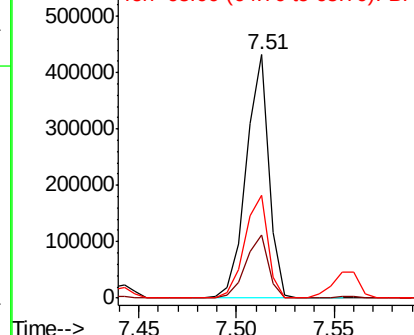
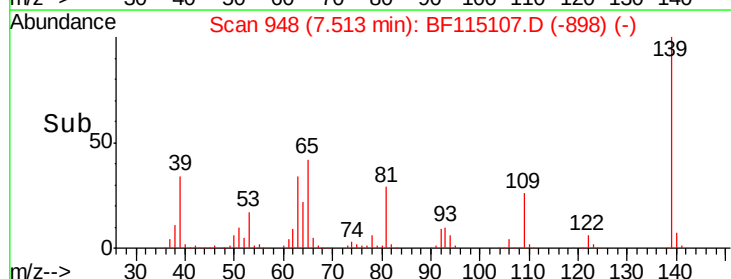
139 100

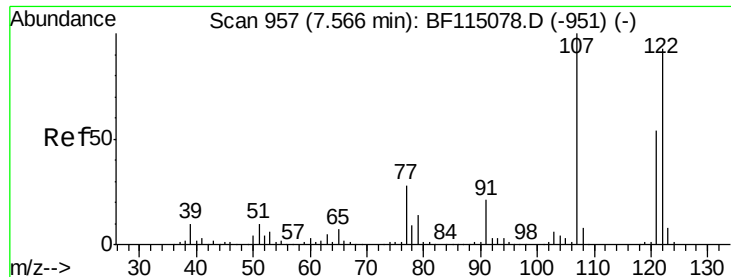
109 26.1 20.4 30.6

65 42.0 33.6 50.4



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

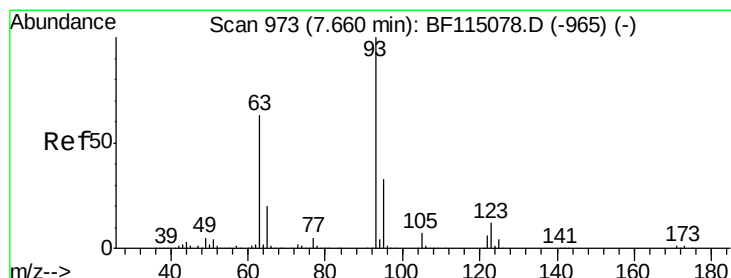
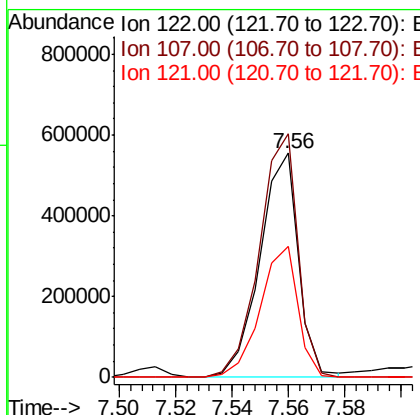
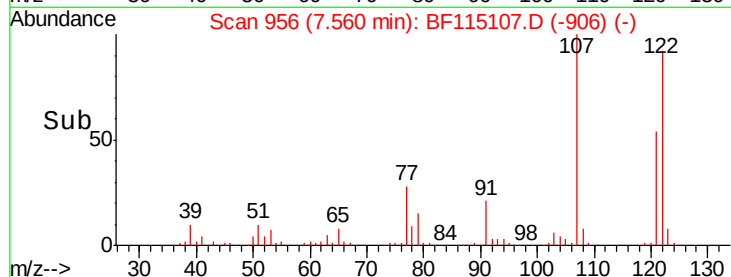
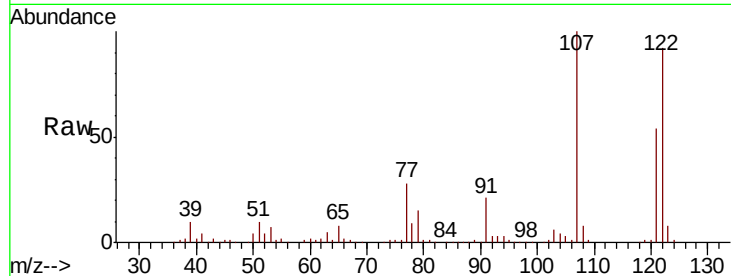




#27
 2,4-Dimethylphenol
 Concen: 40.564 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

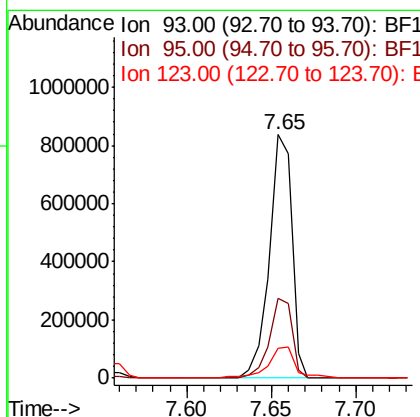
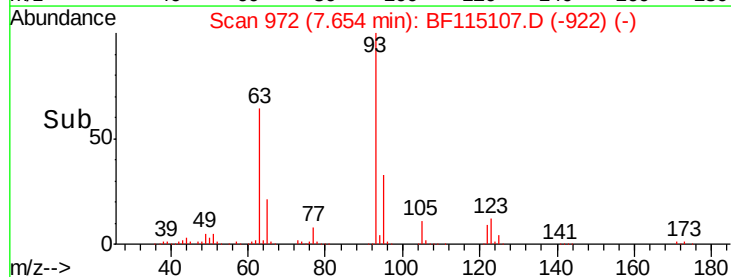
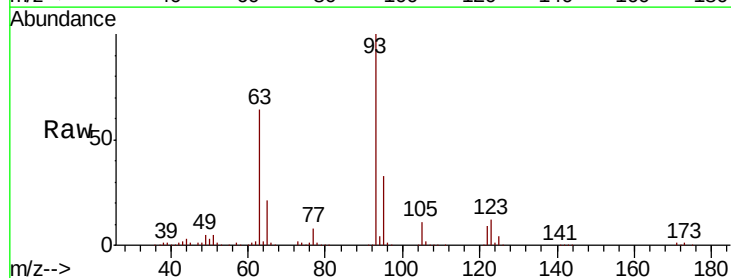
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

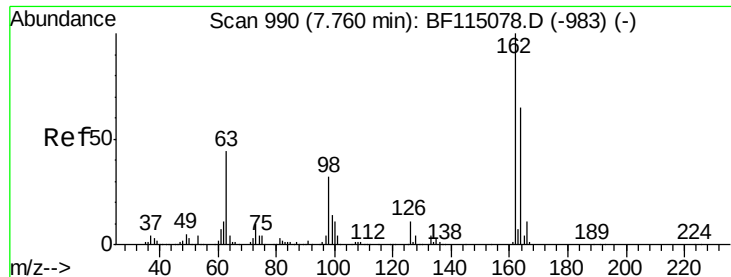
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	85.8	128.6
121	58.6	46.3	69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.001 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.4	9.7	14.5

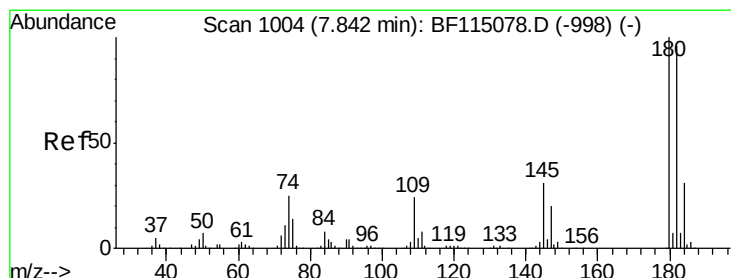
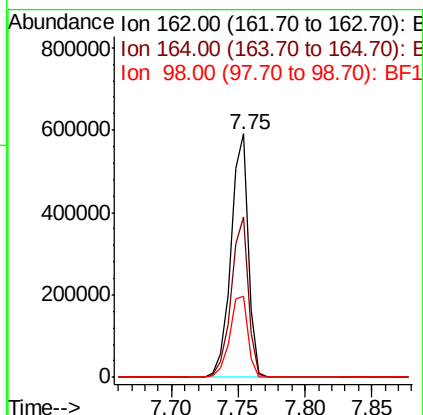
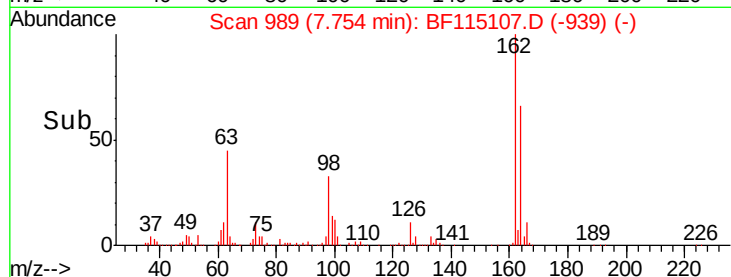
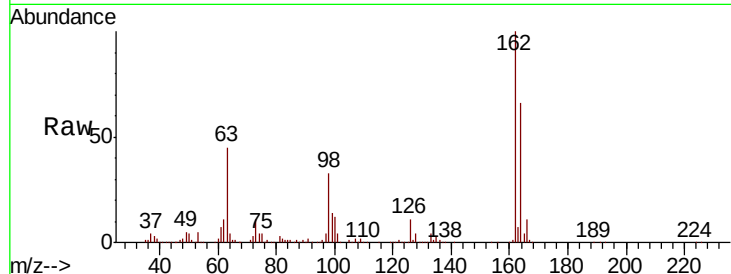




#29
2,4-Dichlorophenol
Concen: 40.965 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

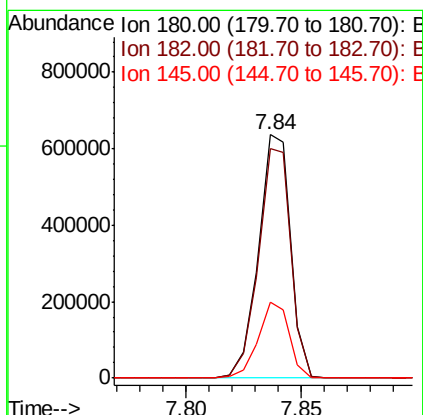
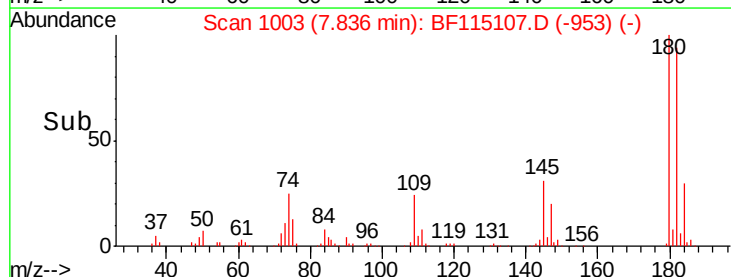
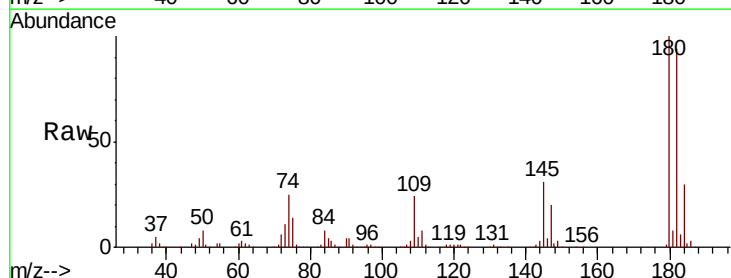
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

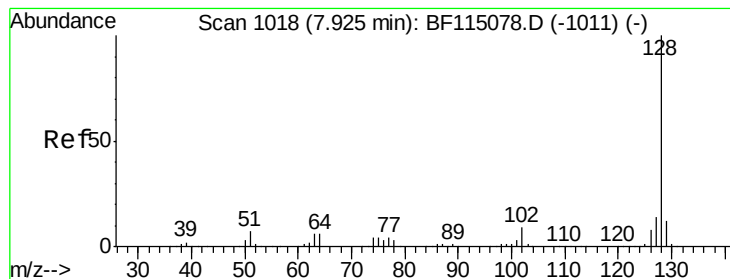
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.3	85.3
98	33.4	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 41.837 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
145	31.2	24.8	37.2





#31

Naphthalene

Concen: 41.173 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

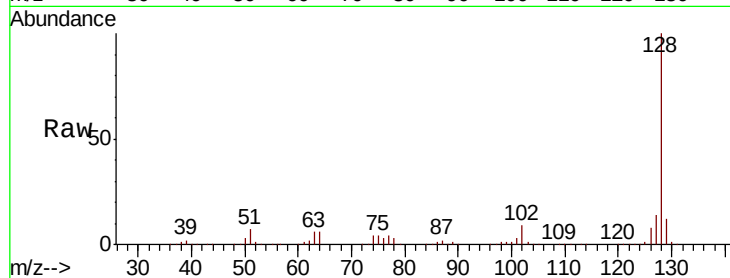
Tot Ion:128 Resp: 1804077

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

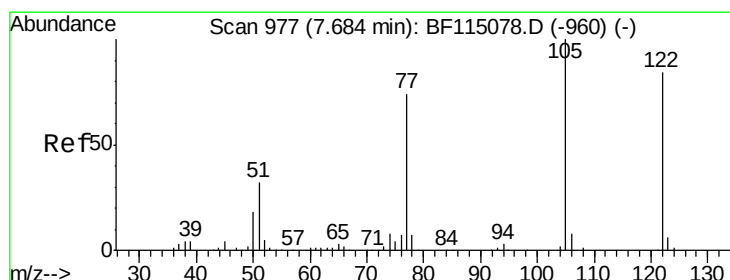
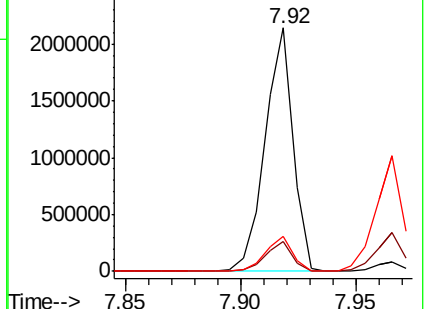
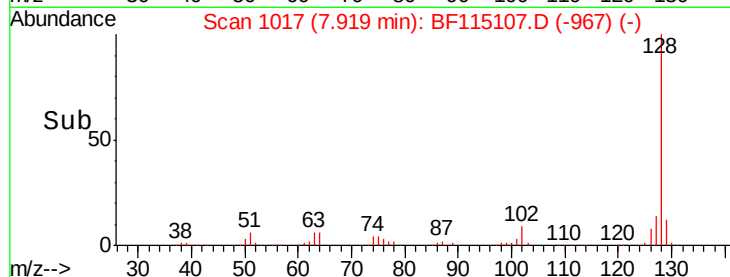
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.724 ng

RT: 7.68 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

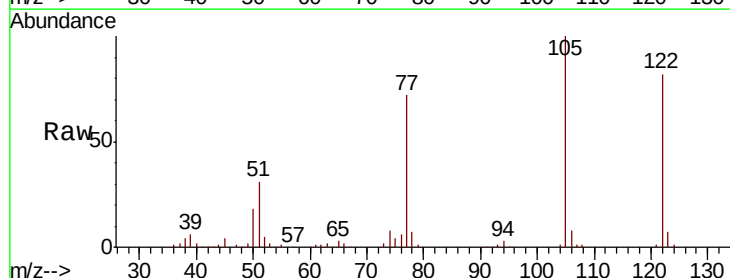
Tgt Ion:122 Resp: 384972

Ion Ratio Lower Upper

122 100

105 122.7 98.2 138.2

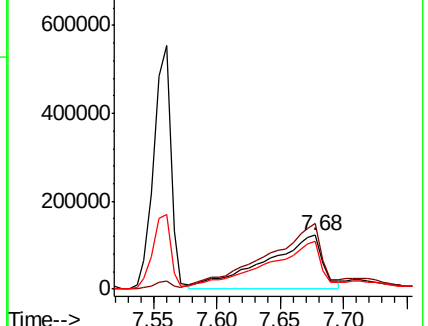
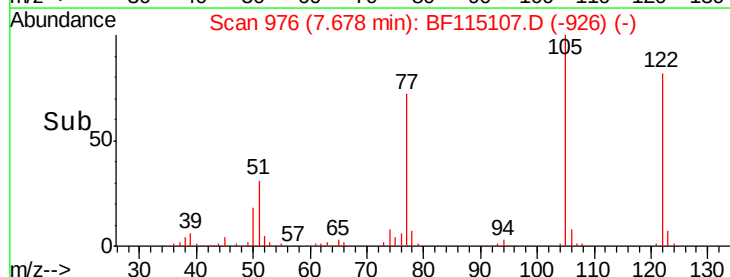
77 88.1 67.0 107.0

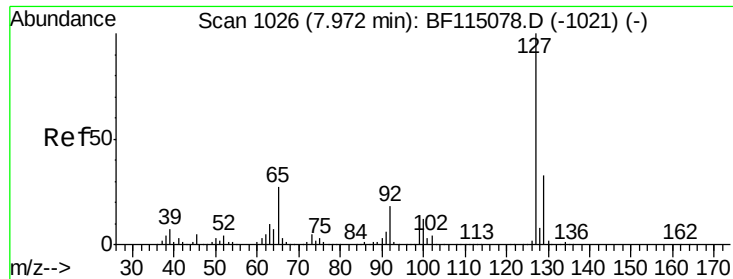


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

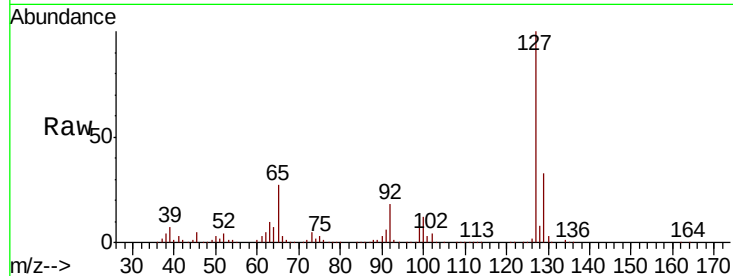




#33
4-Chloroaniline
Concen: 40.870 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	818435
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	27.1	21.4	32.2
92	17.9	14.1	21.1



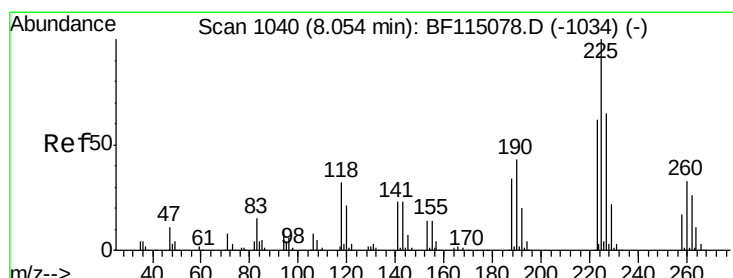
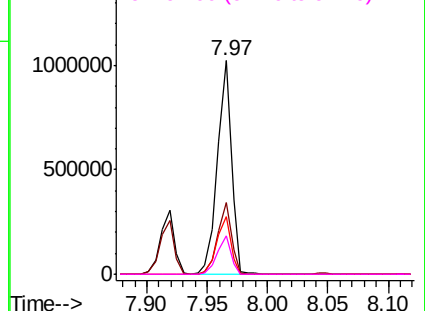
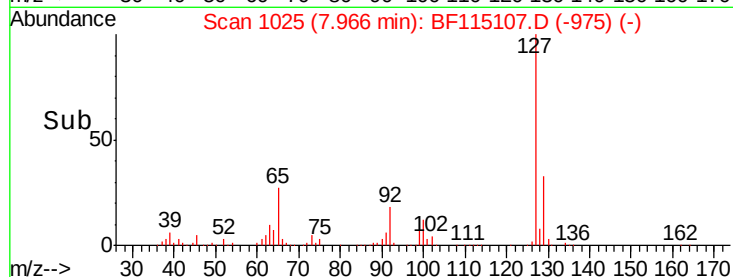
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

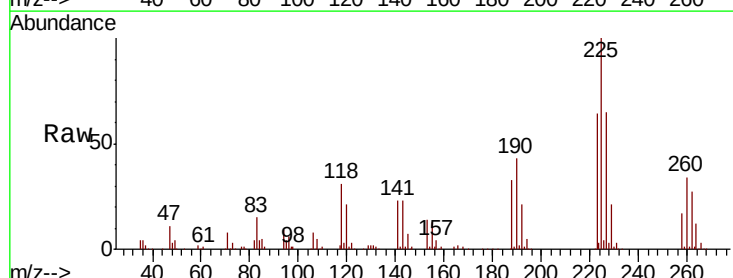
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.887 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:	225	Resp:	338211
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.2
227	64.7	51.8	77.8

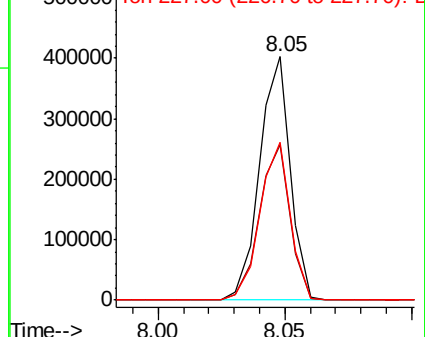
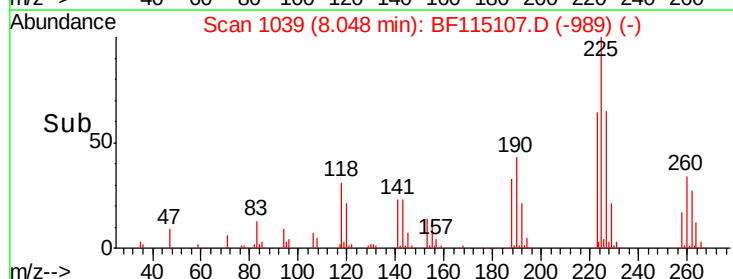


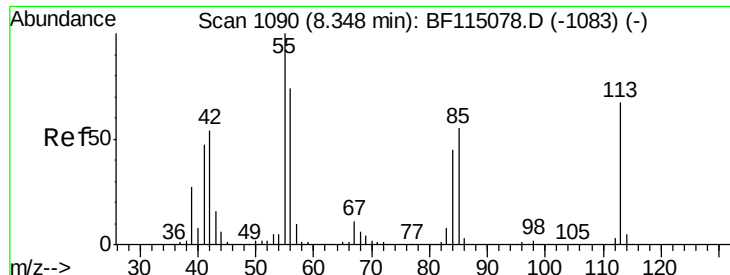
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

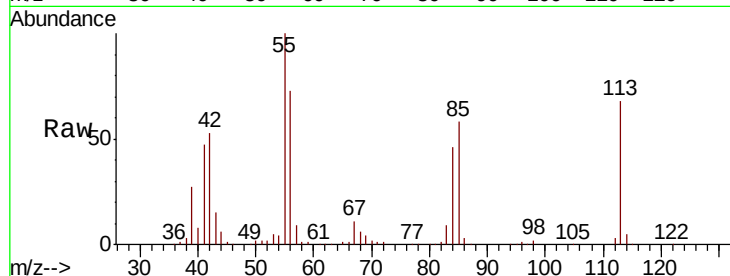




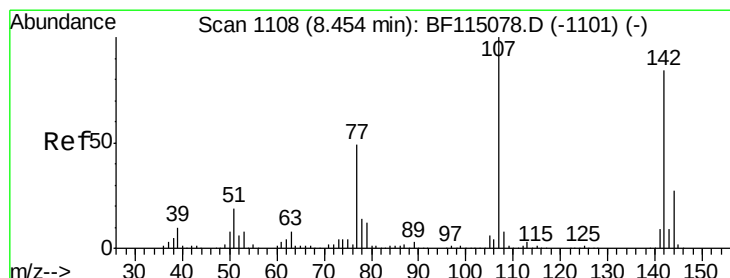
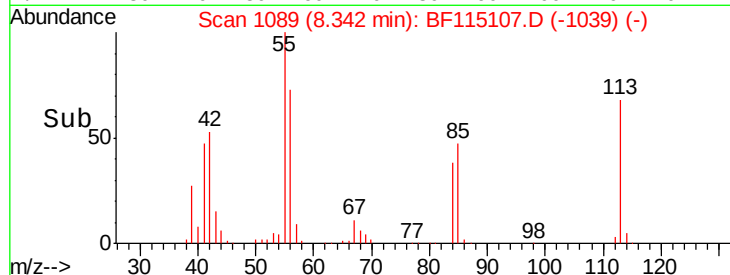
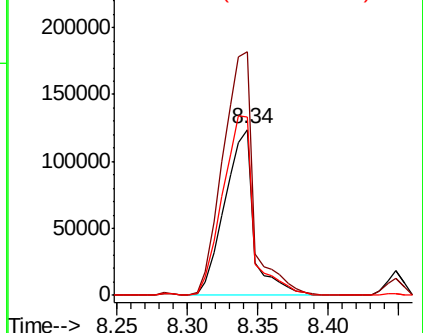
#35
 Caprolactam
 Concen: 39.745 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 178248
 Ion Ratio Lower Upper
 113 100
 55 146.8 130.2 170.2
 56 107.4 91.6 131.6

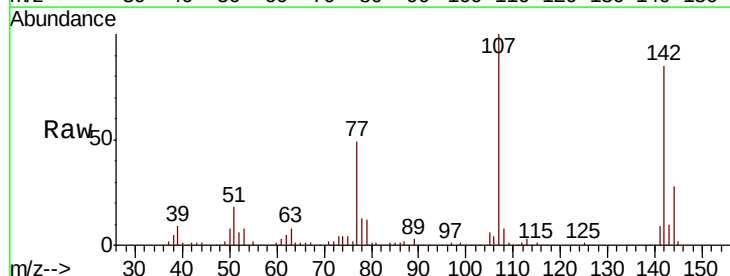


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

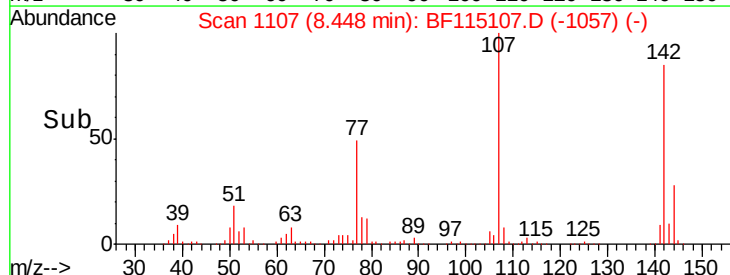
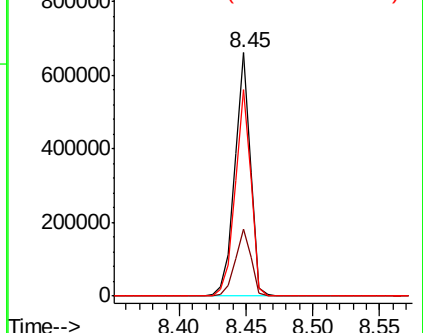


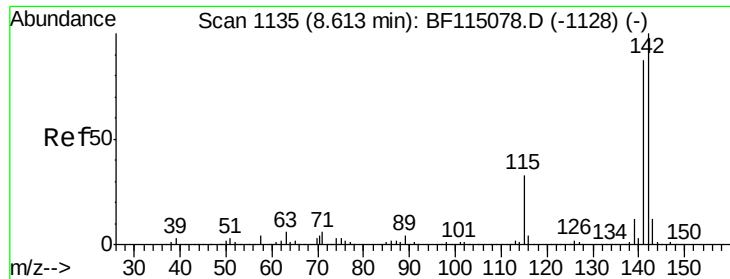
#36
 4-Chloro-3-methylphenol
 Concen: 40.696 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion:107 Resp: 549768
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.7 32.5
 142 85.0 67.0 100.4



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

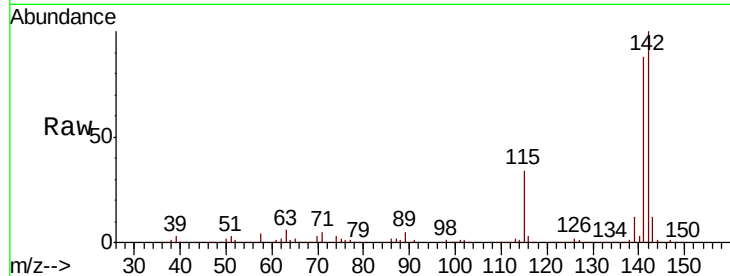




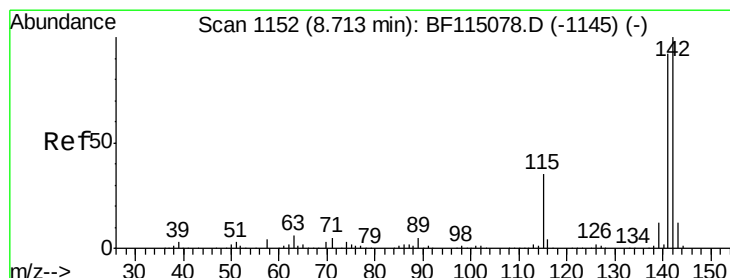
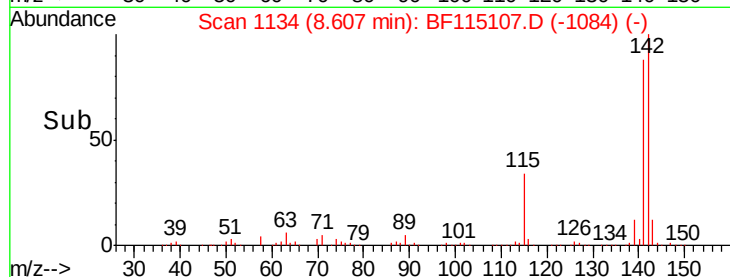
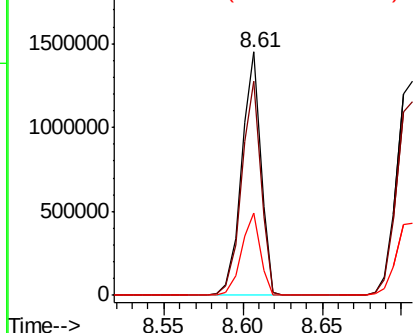
#37
2-Methylnaphthalene
Concen: 41.242 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1218426
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.6
115 33.6 26.7 40.1

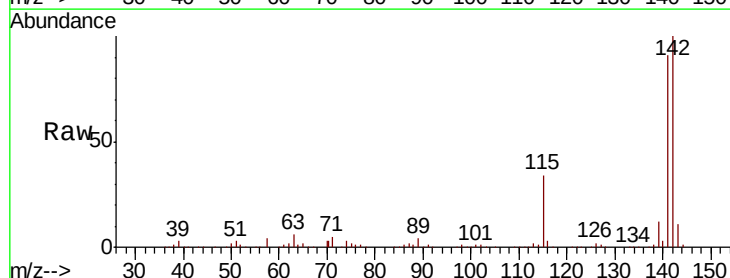


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

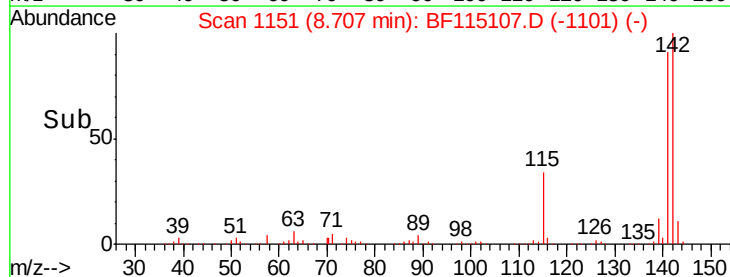
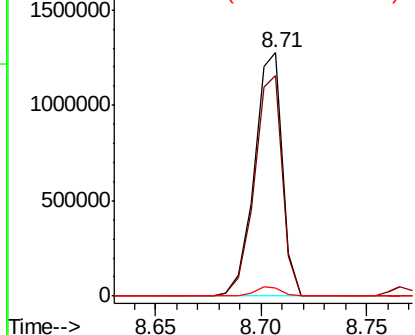


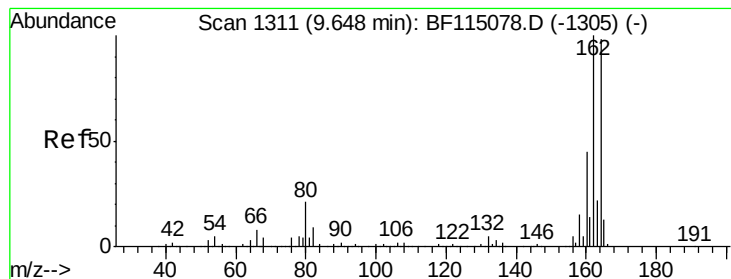
#38
1-Methylnaphthalene
Concen: 41.492 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:142 Resp: 1170734
Ion Ratio Lower Upper
142 100
141 90.7 73.8 110.8
116 3.4 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

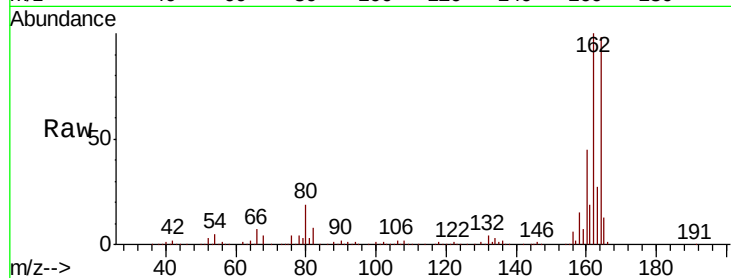
Tot Ion:164 Resp: 437554

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

160 46.1 37.0 55.4

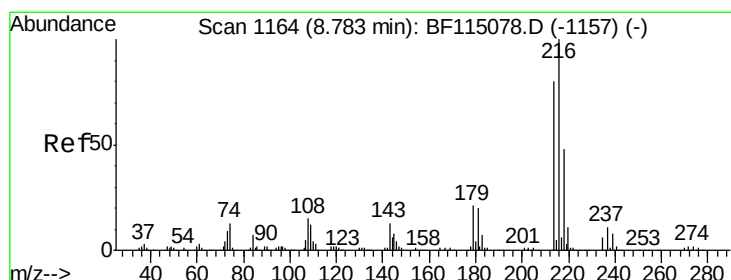
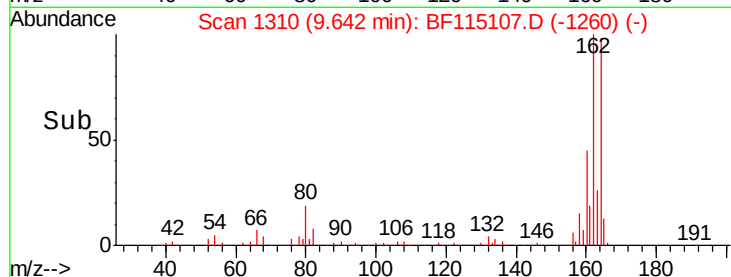
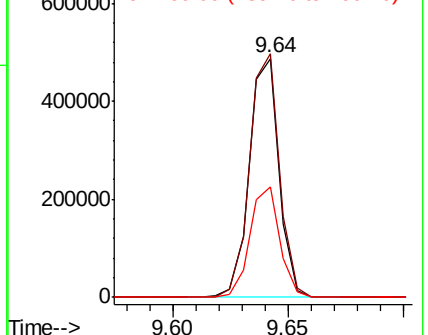


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.228 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion:216 Resp: 522135

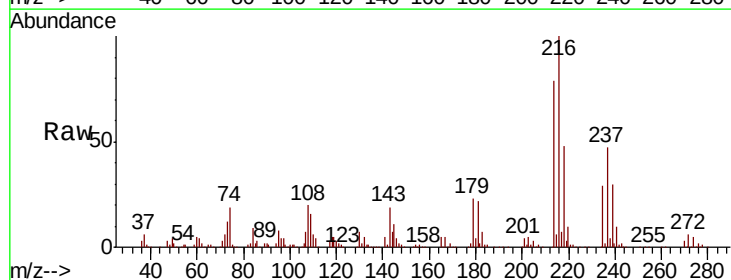
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 22.1 17.6 26.4

108 19.1 15.7 23.5



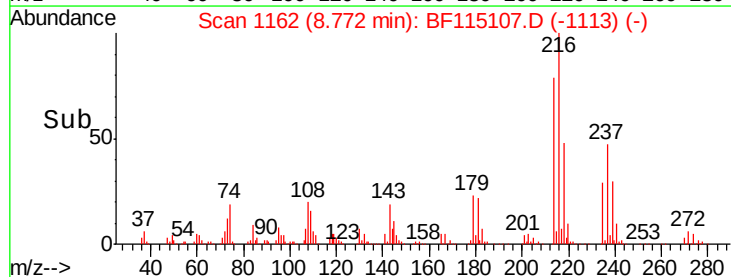
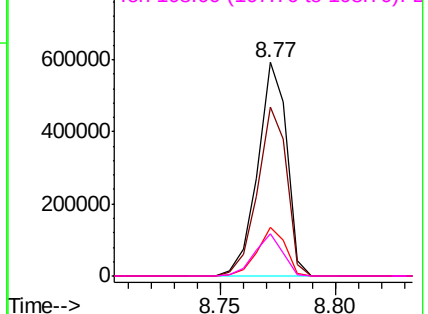
Abundance

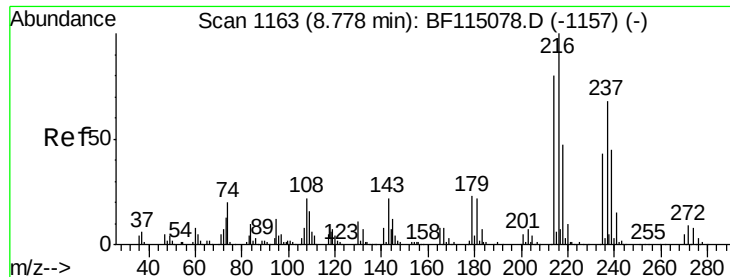
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.100 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

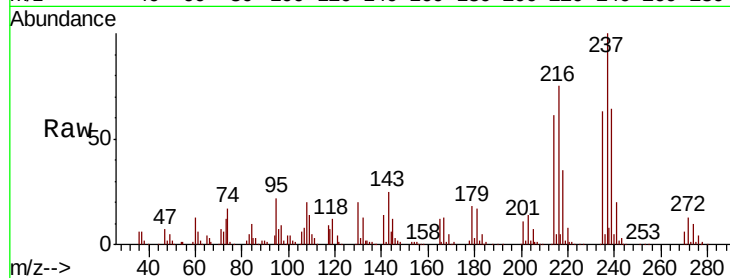
Tot Ion:237 Resp: 294005

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

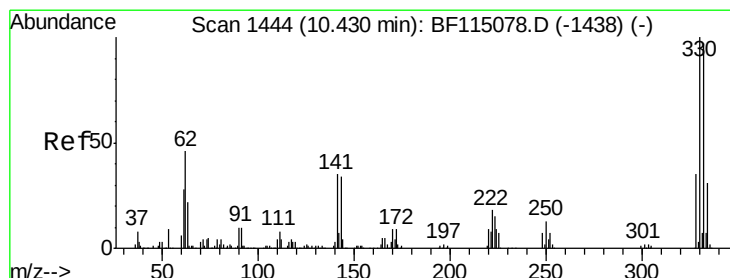
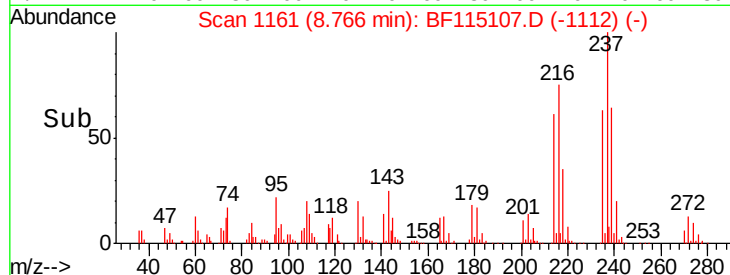
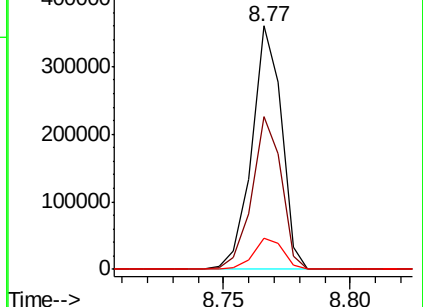
272 12.7 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.068 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

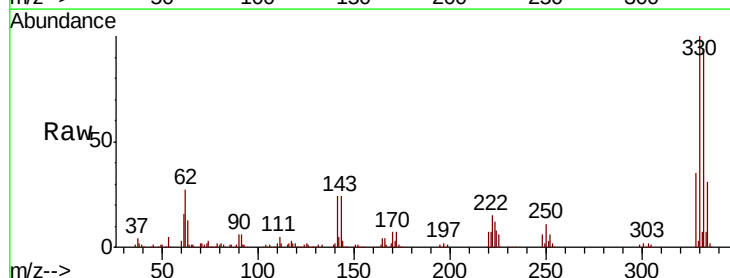
Tgt Ion:330 Resp: 397134

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

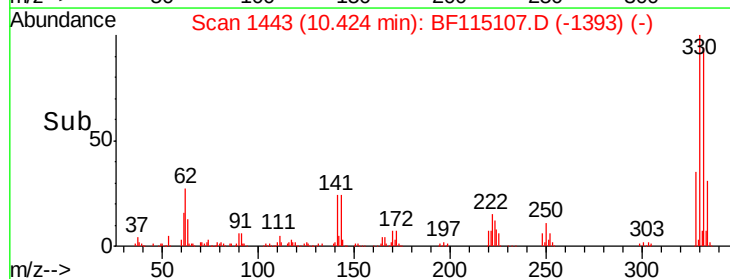
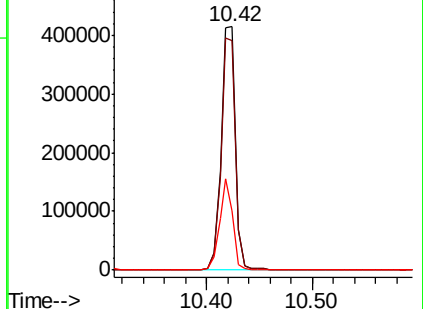
141 34.3 28.2 42.2

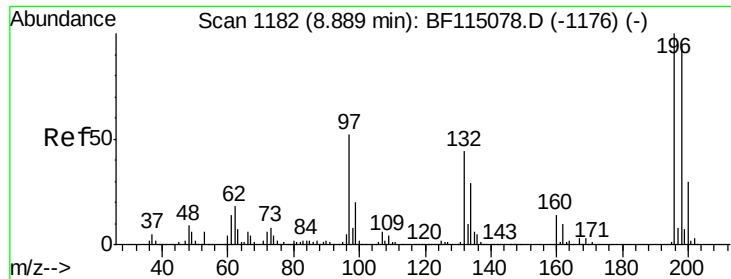


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

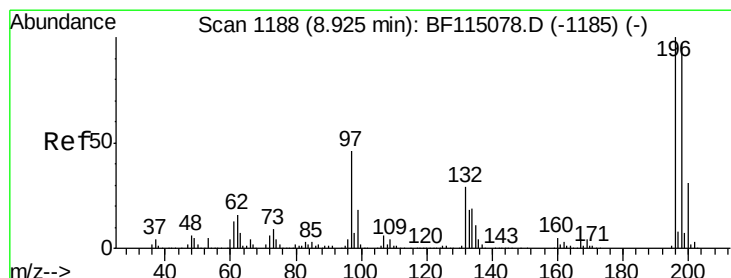
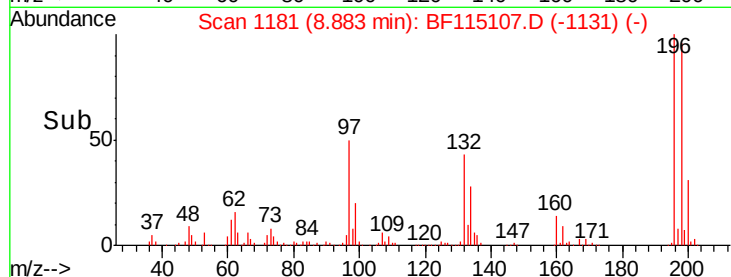
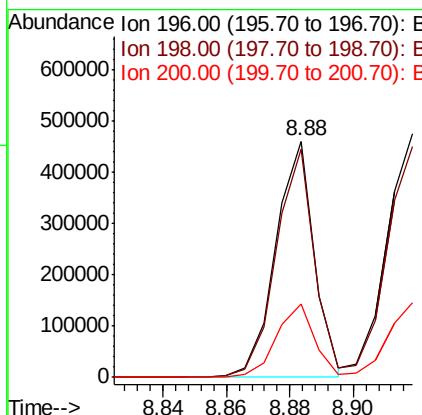
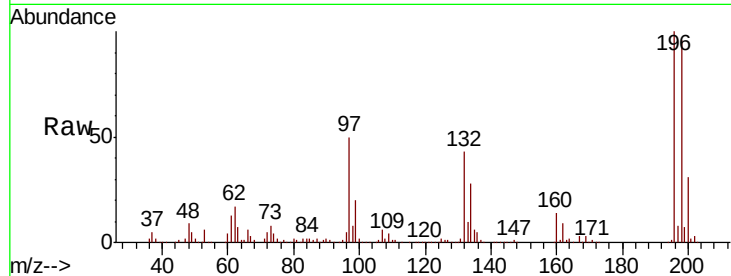




#43
 2,4,6-Trichlorophenol
 Concen: 40.779 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

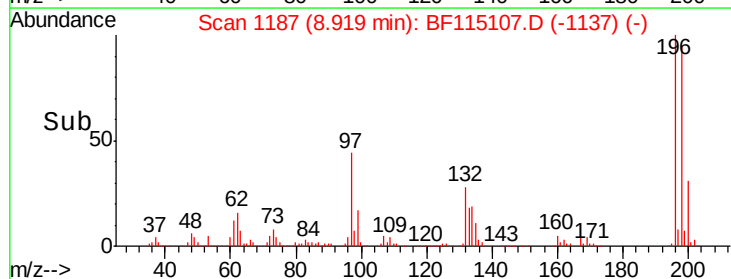
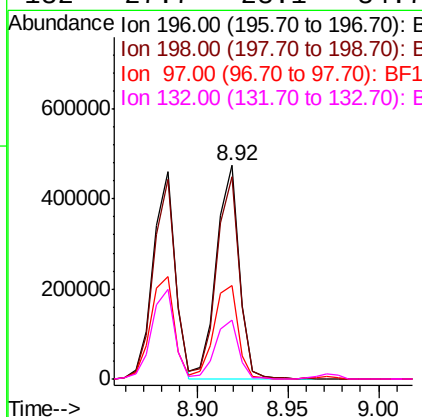
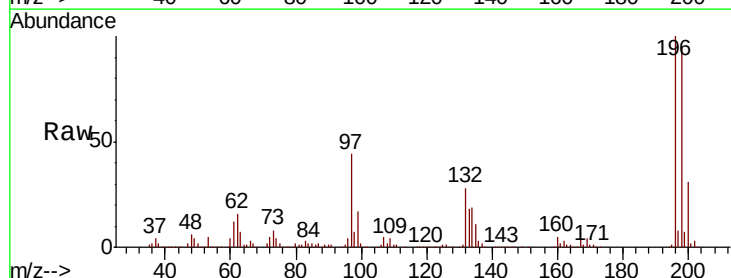
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

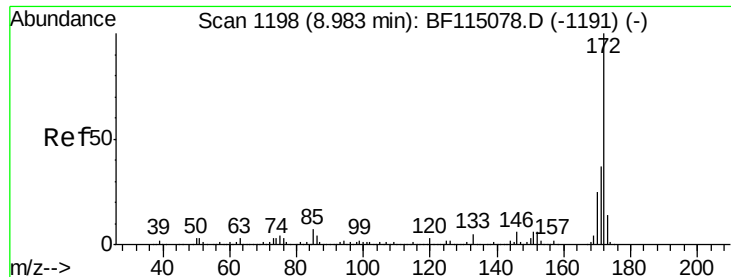
Tot Ion	196	Resp	389271
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.3	114.5
200	30.9	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.094 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion	196	Resp	413798
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.1	115.7
97	43.6	37.7	56.5
132	27.7	23.1	34.7

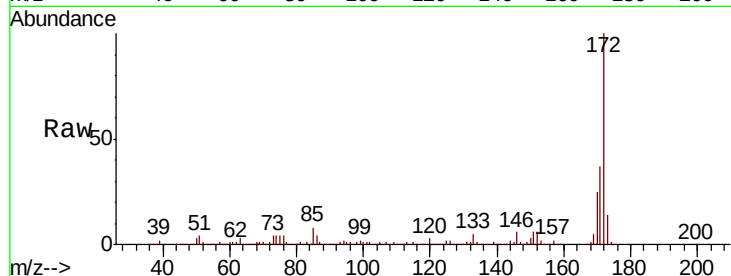




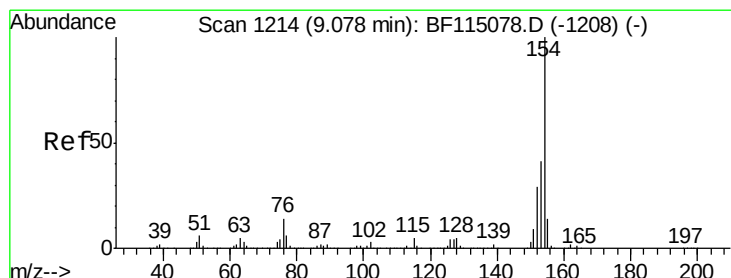
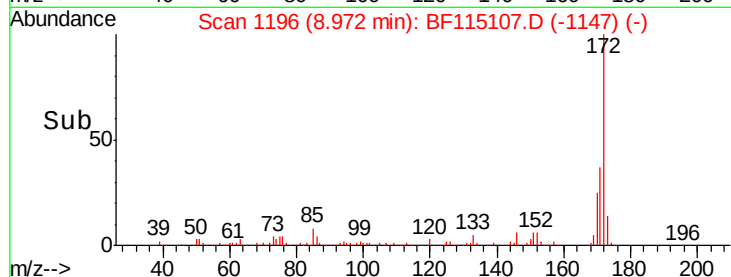
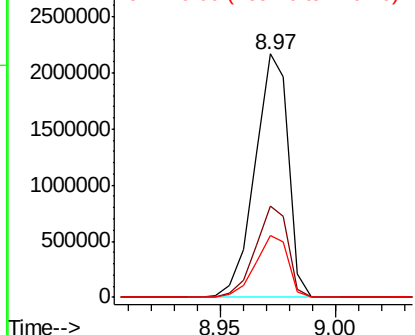
#45
2-Fluorobiphenyl
Concen: 84.400 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2174101
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.3 30.5

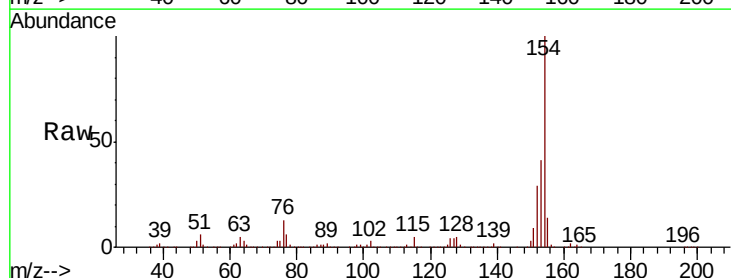


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

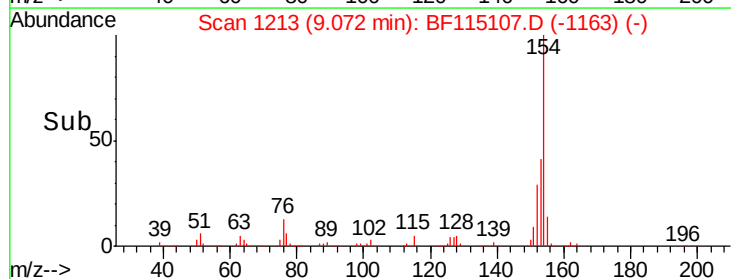
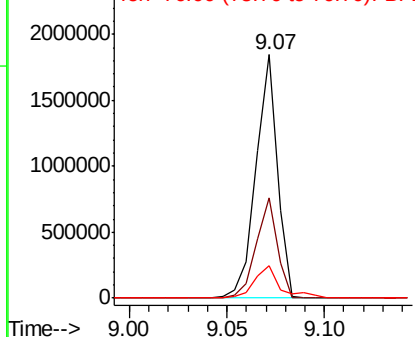


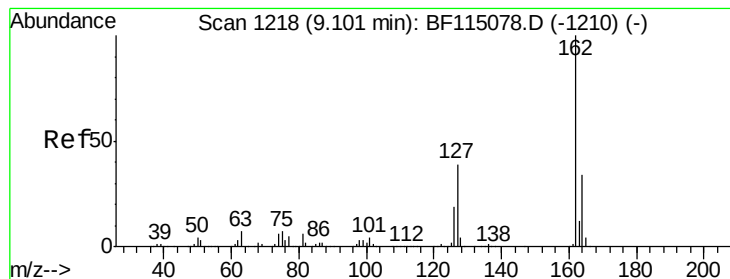
#46
1,1'-Biphenyl
Concen: 40.226 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:154 Resp: 1408342
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 13.3 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 42.096 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

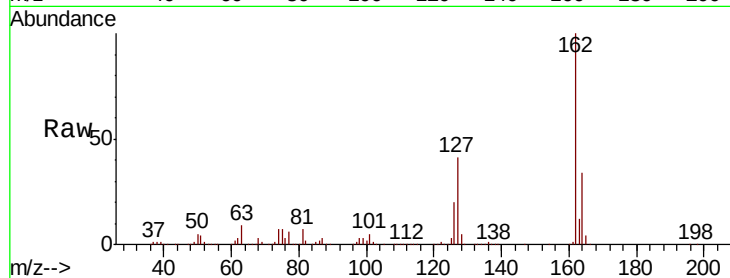
Tot Ion:162 Resp: 1195475

Ion Ratio Lower Upper

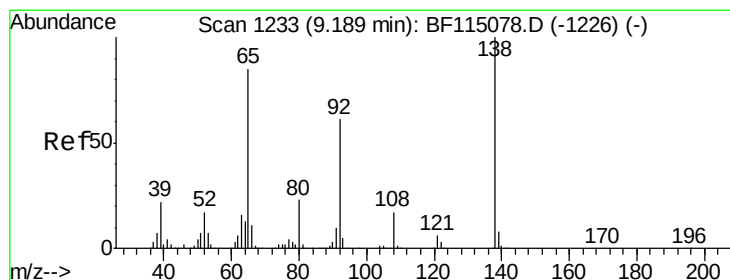
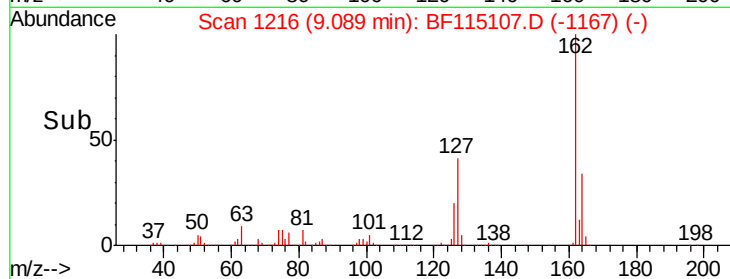
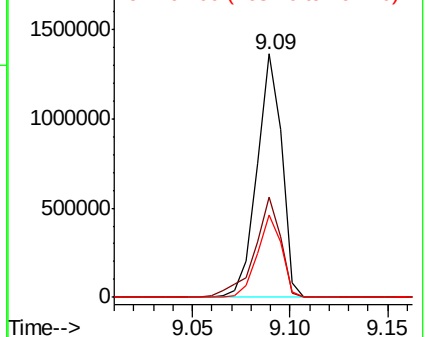
162 100

127 41.0 30.8 46.2

164 34.1 27.0 40.4



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



#48

2-Nitroaniline

Concen: 42.195 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

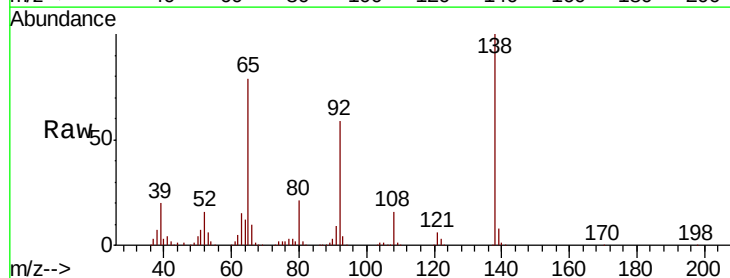
Tgt Ion: 65 Resp: 349353

Ion Ratio Lower Upper

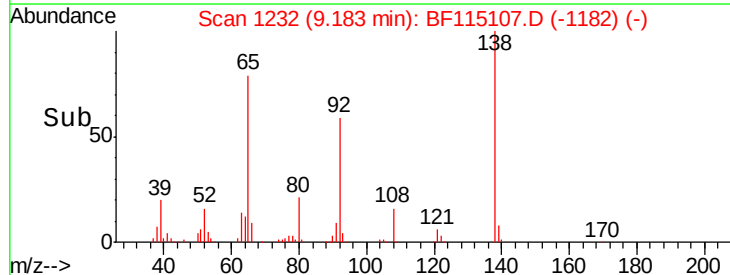
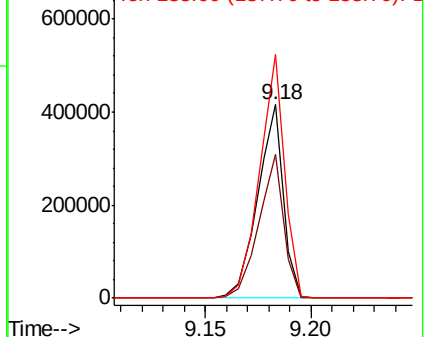
65 100

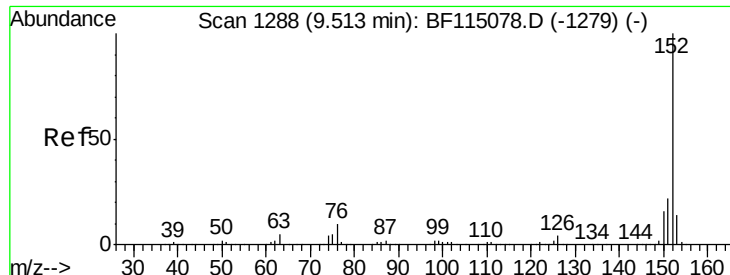
92 74.4 57.4 86.2

138 125.9 94.1 141.1



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





#49

Acenaphthylene

Concen: 41.377 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

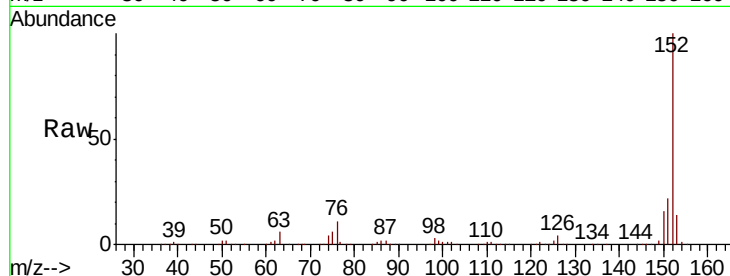
Tot Ion:152 Resp: 1830782

Ion Ratio Lower Upper

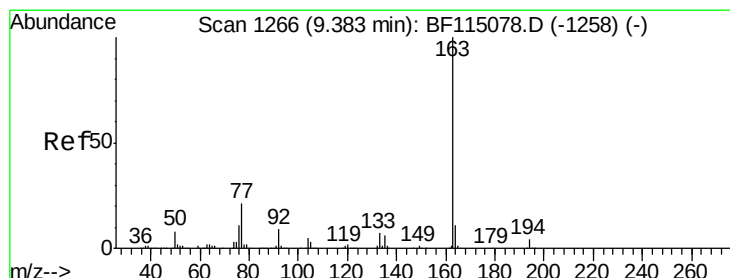
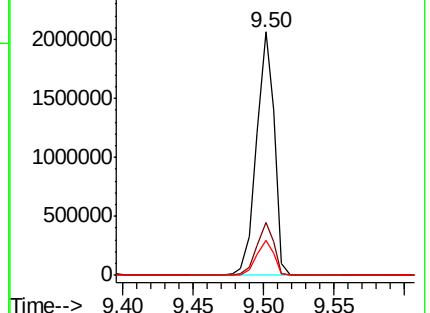
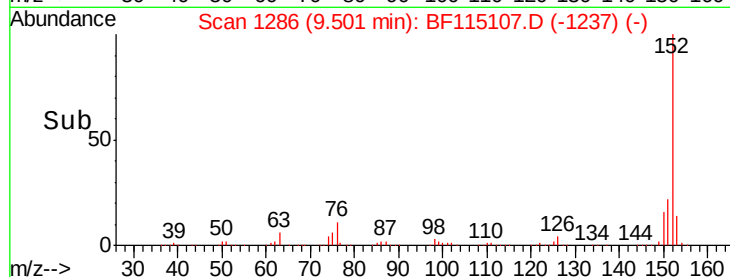
152 100

151 21.5 17.2 25.8

153 14.5 11.0 16.6



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



#50

Dimethylphthalate

Concen: 40.729 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

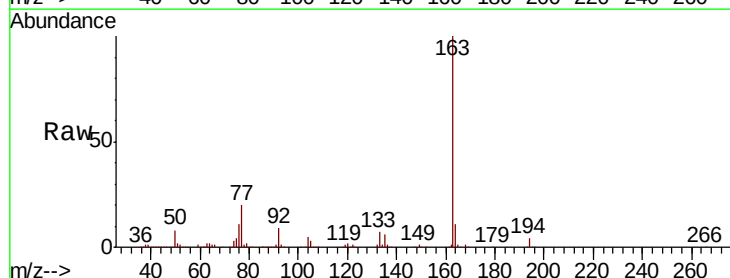
Tgt Ion:163 Resp: 1311151

Ion Ratio Lower Upper

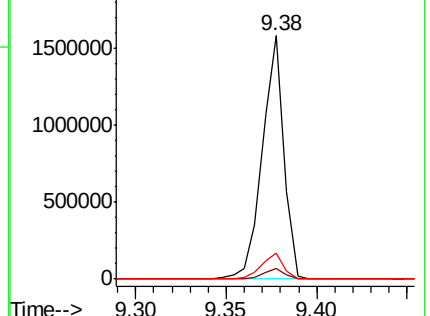
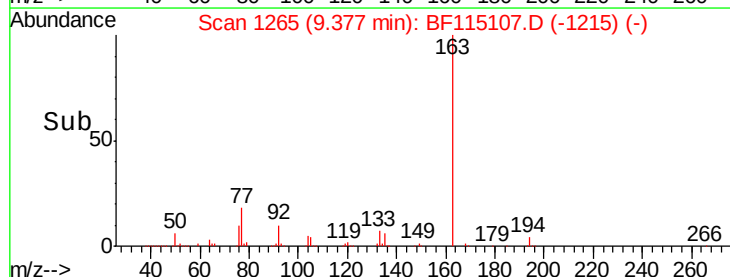
163 100

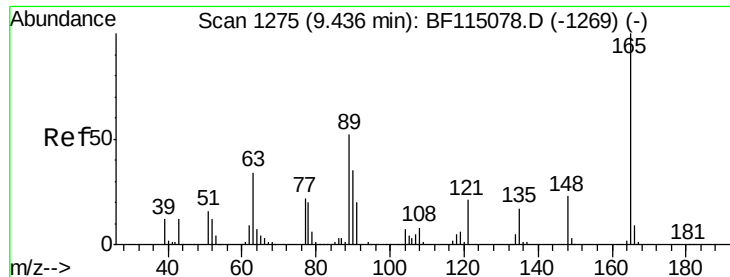
194 4.2 3.2 4.8

164 10.7 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 42.047 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

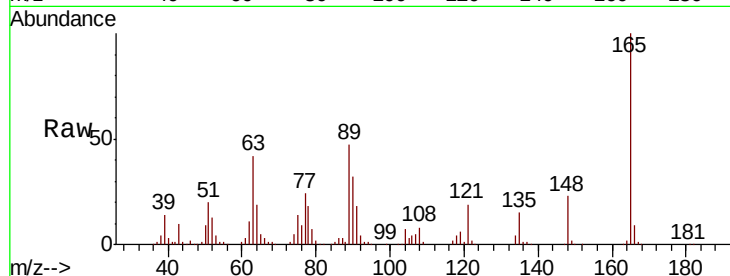
Tot Ion:165 Resp: 312497

Ion Ratio Lower Upper

165 100

63 42.2 39.4 59.2

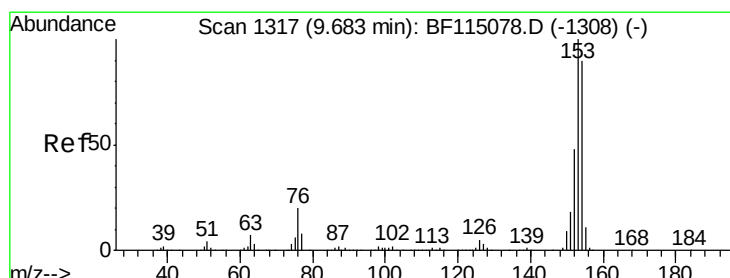
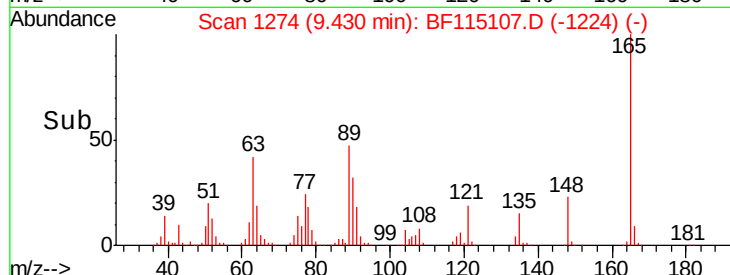
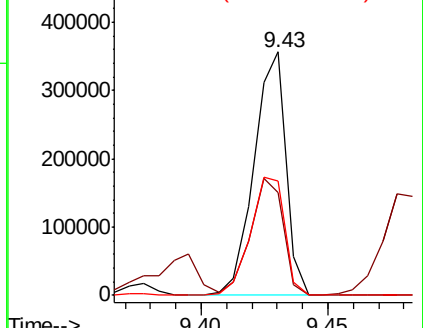
89 47.1 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.514 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

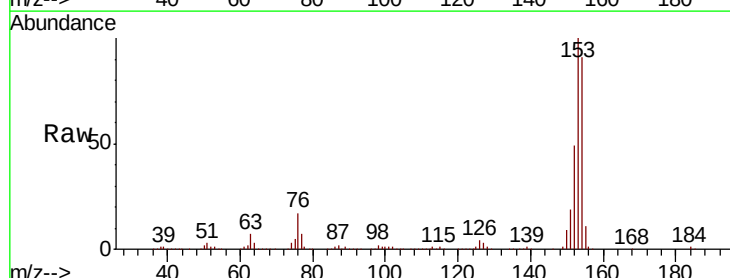
Tgt Ion:154 Resp: 1149406

Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

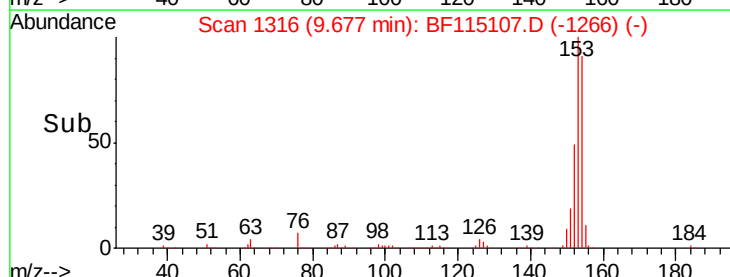
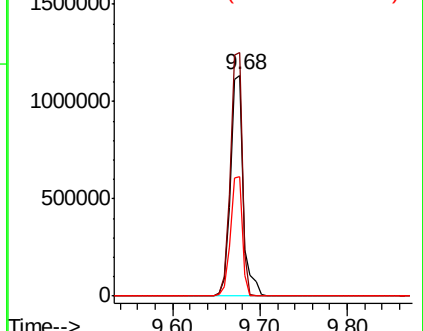
152 53.9 42.6 64.0

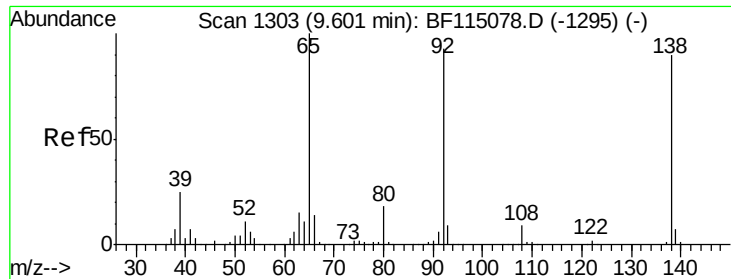


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

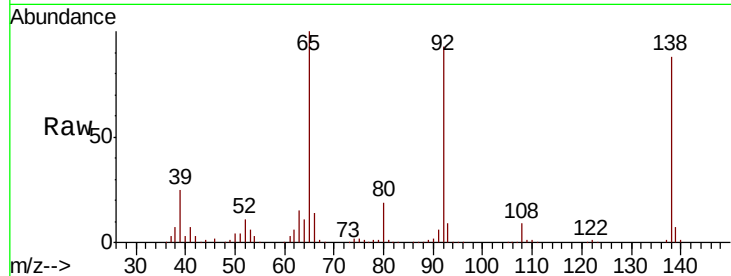




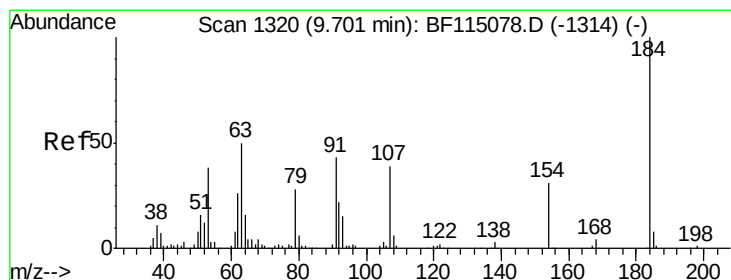
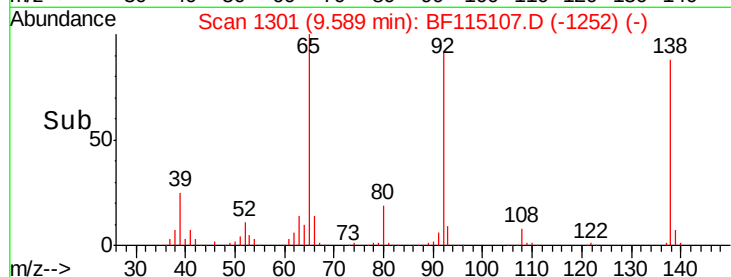
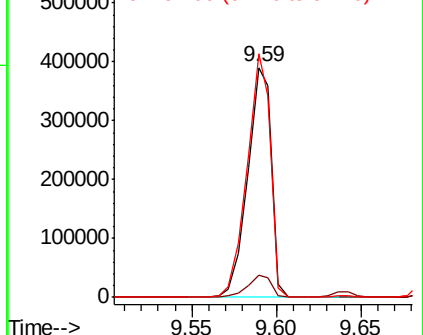
#53
 3-Nitroaniline
 Concen: 42.344 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 384044
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 105.8 82.9 124.3

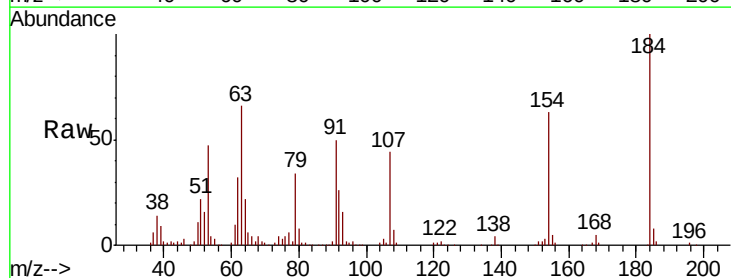


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

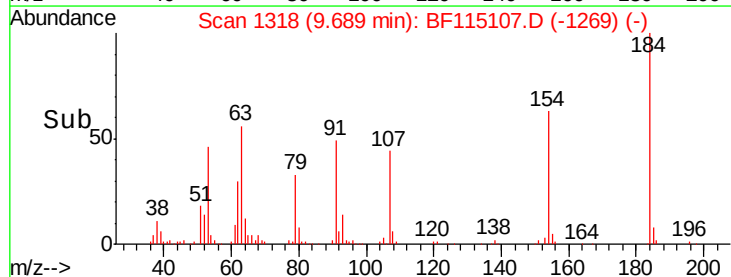
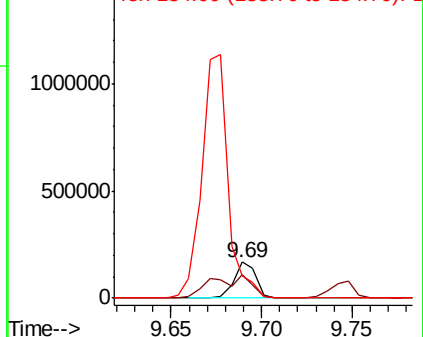


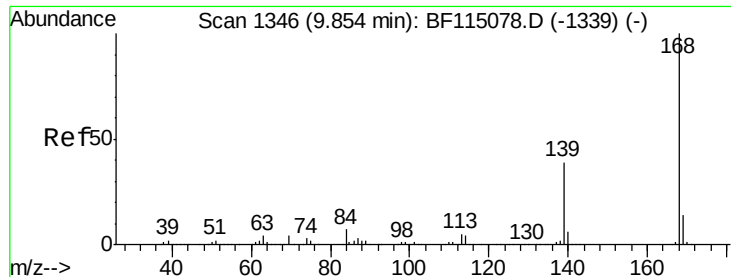
#54
 2,4-Dinitrophenol
 Concen: 40.809 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion:184 Resp: 140916
 Ion Ratio Lower Upper
 184 100
 63 65.5 41.9 62.9#
 154 62.9 44.7 67.1



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

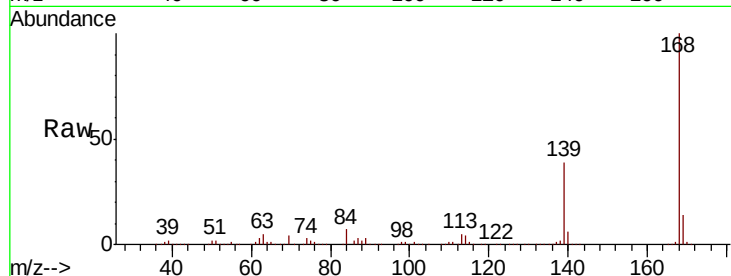




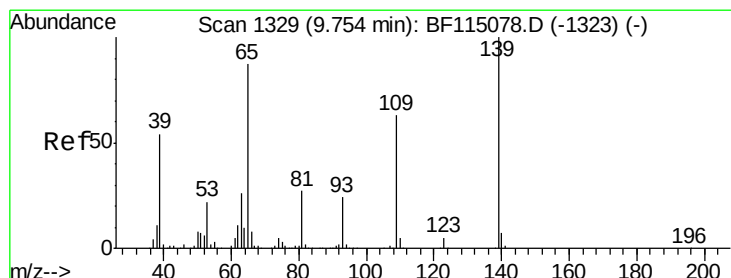
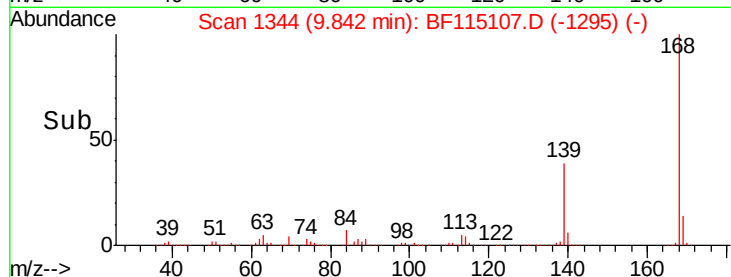
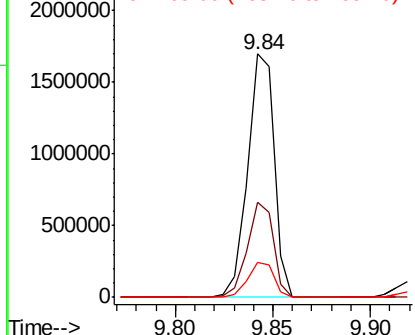
#55
Dibenzenofuran
Concen: 40.314 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1602019
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.2 11.3 16.9

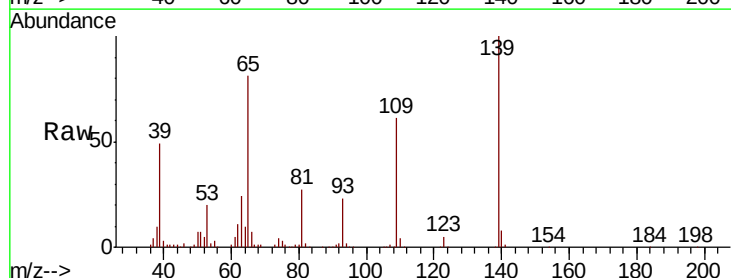


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

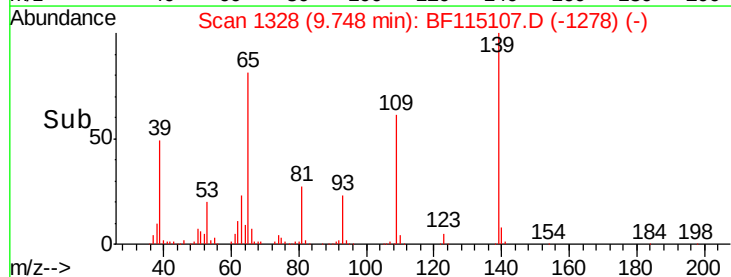
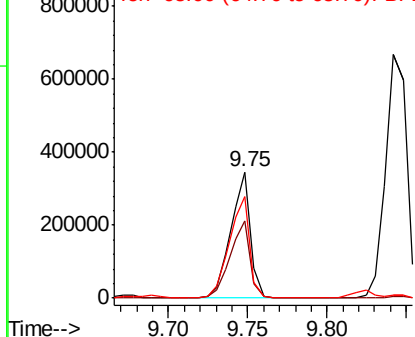


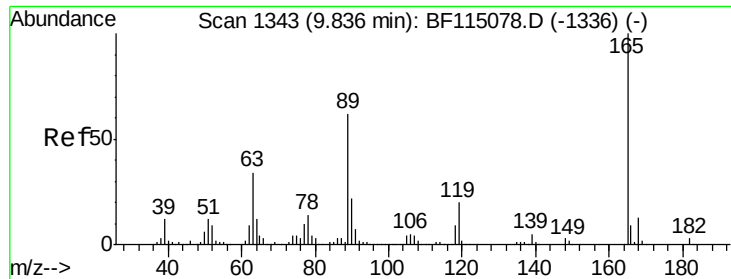
#56
4-Nitrophenol
Concen: 41.024 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:139 Resp: 298292
Ion Ratio Lower Upper
139 100
109 61.5 43.0 83.0
65 80.7 67.0 107.0



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

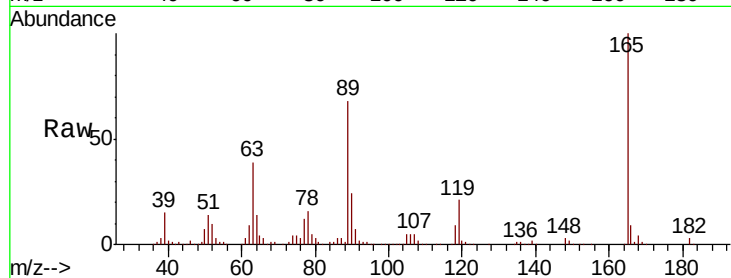




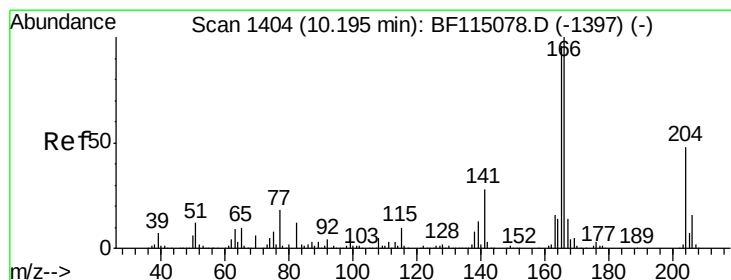
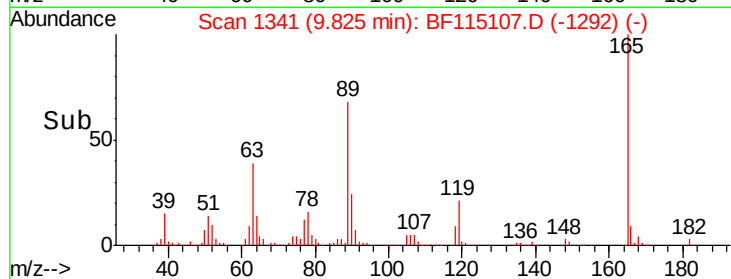
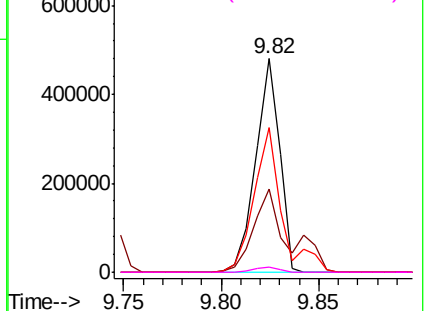
#57
 2,4-Dinitrotoluene
 Concen: 42.600 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	408805
Ion	Ratio	Lower	Upper
165	100		
63	39.2	27.5	41.3
89	67.8	49.9	74.9
182	2.7	2.1	3.1

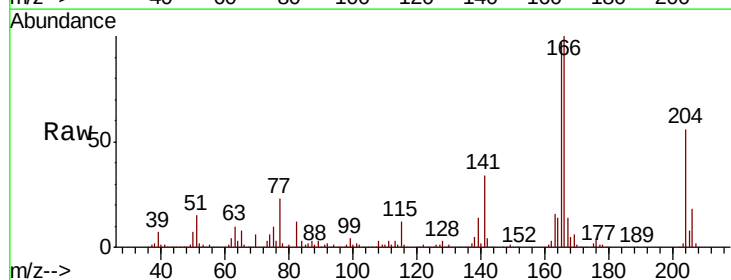


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

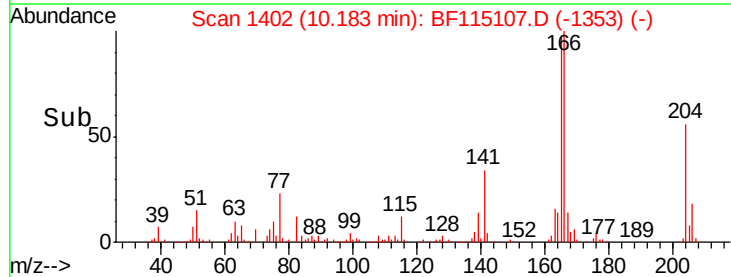
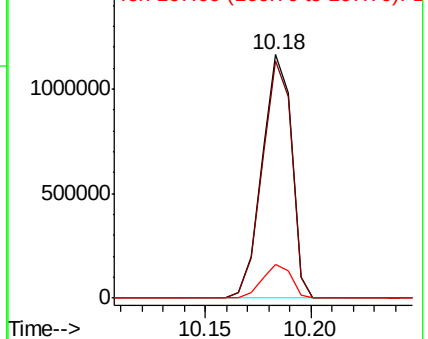


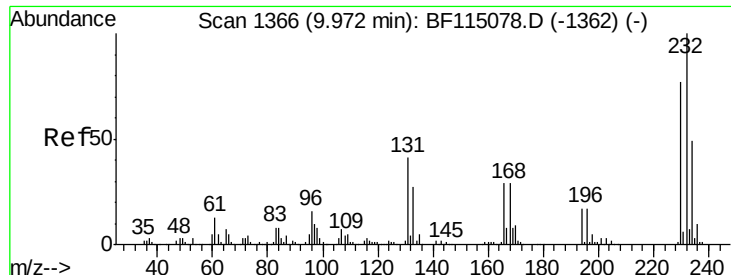
#58
 Fluorene
 Concen: 42.427 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion:	166	Resp:	1132489
Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.5	114.7
167	14.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

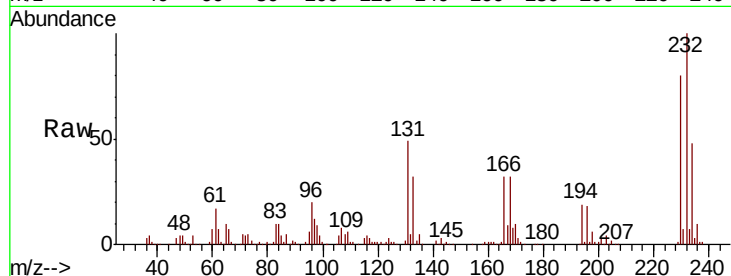




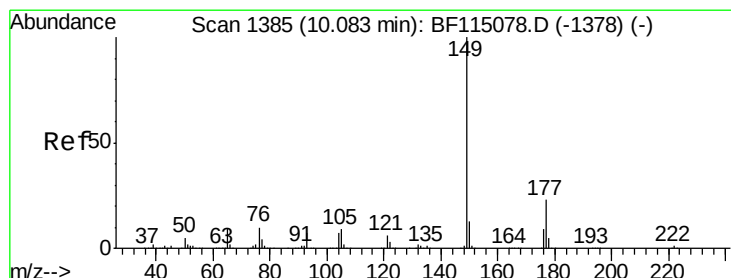
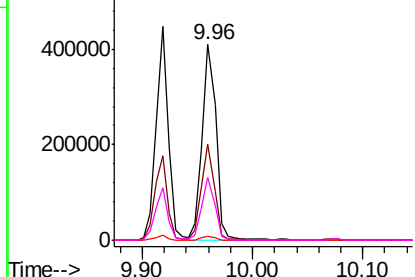
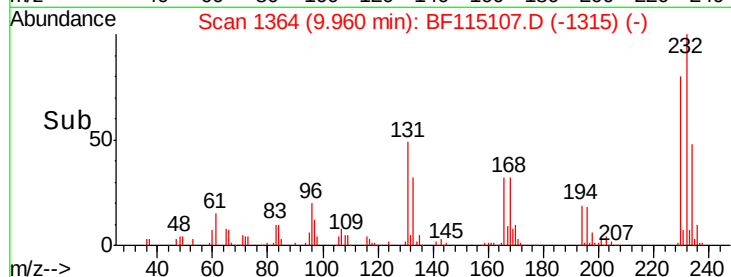
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.883 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.4	56.0
130	2.2	1.8	2.6
166	30.7	24.6	36.8

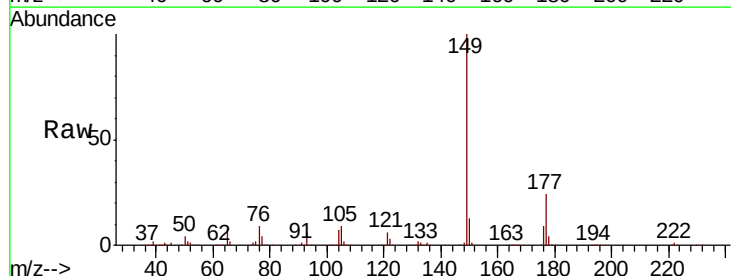


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

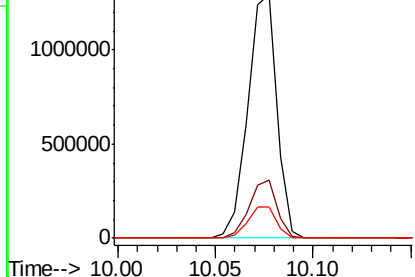
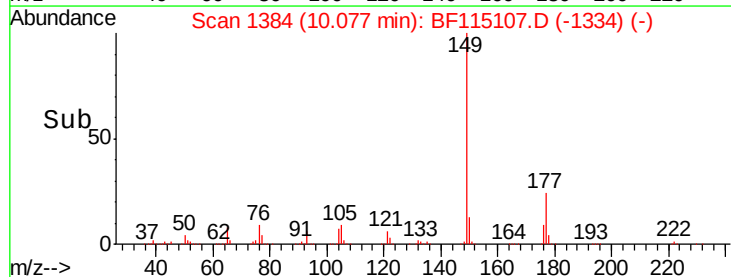


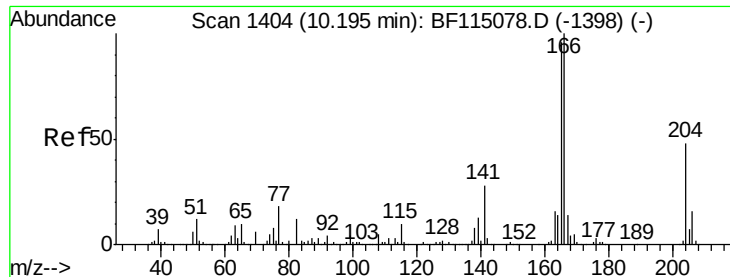
#60
Diethylphthalate
Concen: 41.101 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.7	28.1
150	12.6	10.4	15.6



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





#61

4-Chlorophenyl-phenylether

Concen: 43.180 ng

RT: 10.18 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

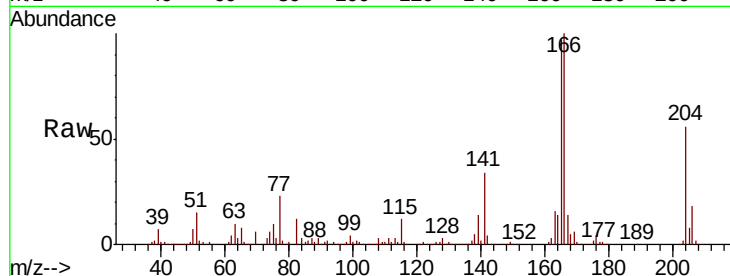
Tot Ion:204 Resp: 546371

Ion Ratio Lower Upper

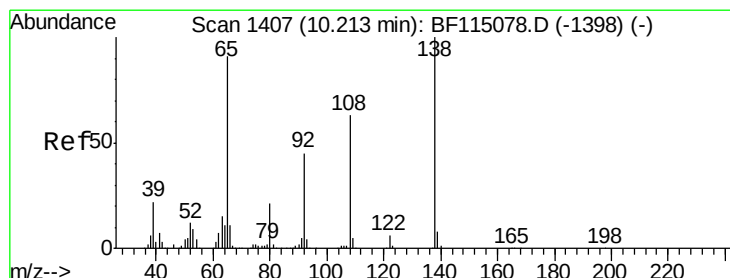
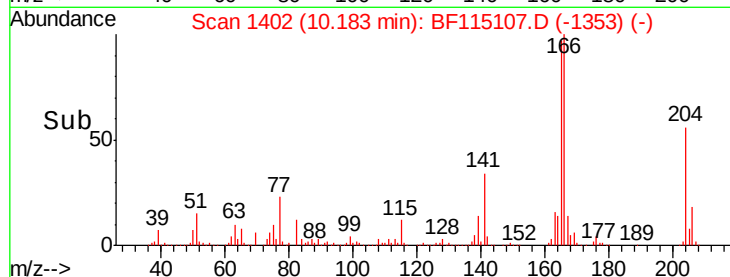
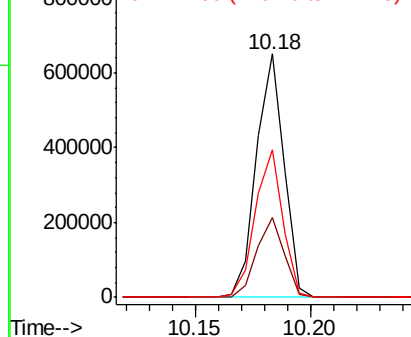
204 100

206 32.9 26.6 40.0

141 60.8 46.7 70.1



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



#62

4-Nitroaniline

Concen: 40.755 ng

RT: 10.20 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

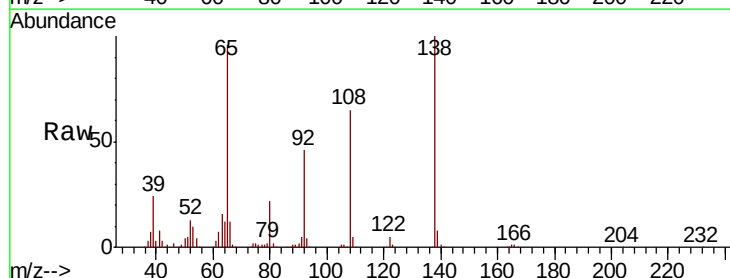
Tgt Ion:138 Resp: 370811

Ion Ratio Lower Upper

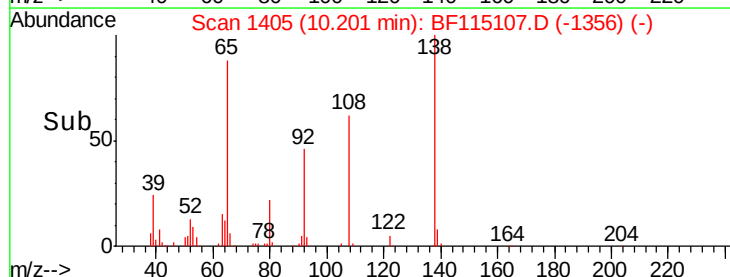
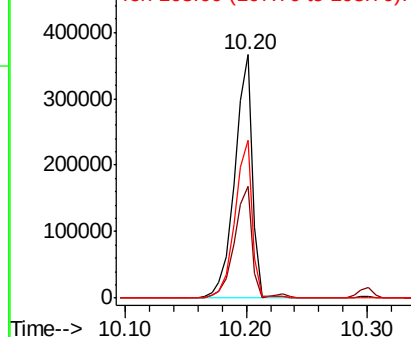
138 100

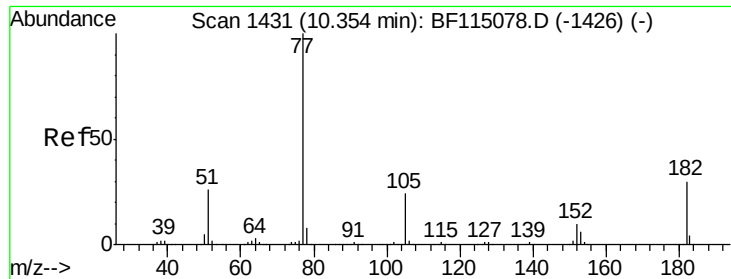
92 46.2 24.8 64.8

108 64.9 43.3 83.3



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





#63

Azobenzene

Concen: 40.880 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1235585

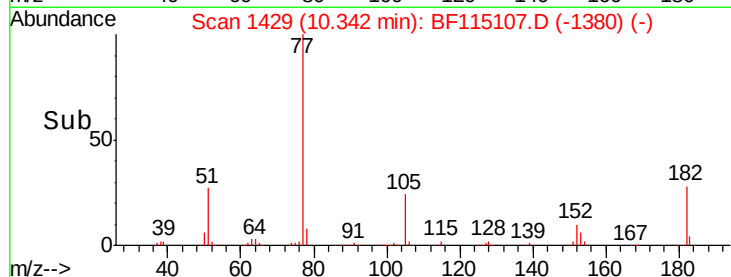
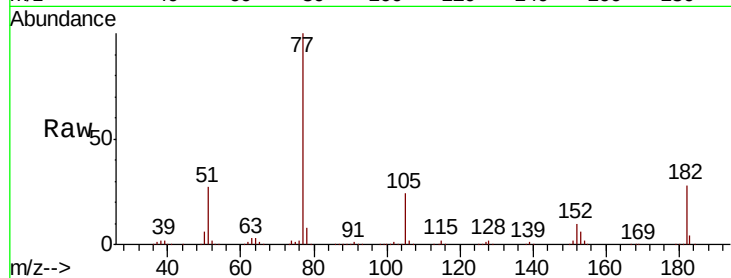
Ion Ratio Lower Upper

77 100

182 28.4 10.1 50.1

105 23.9 4.5 44.5

51 26.9 6.4 46.4

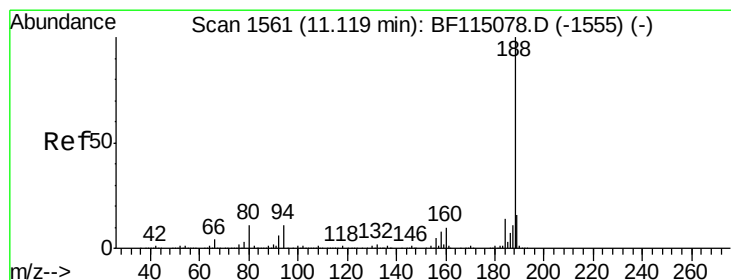
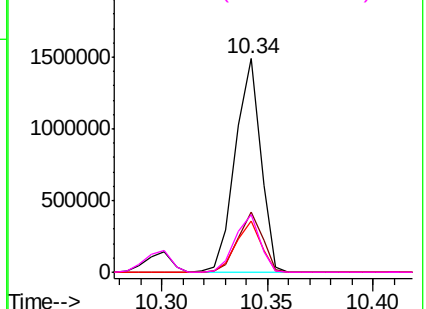


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

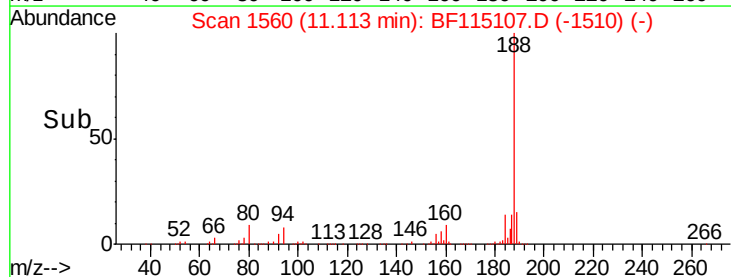
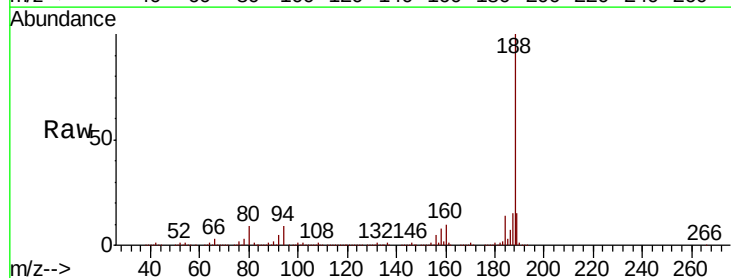
Tgt Ion: 188 Resp: 845762

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

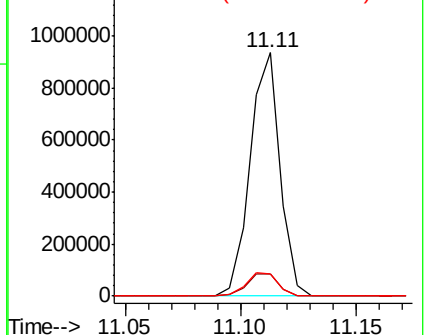
80 9.3 8.8 13.2

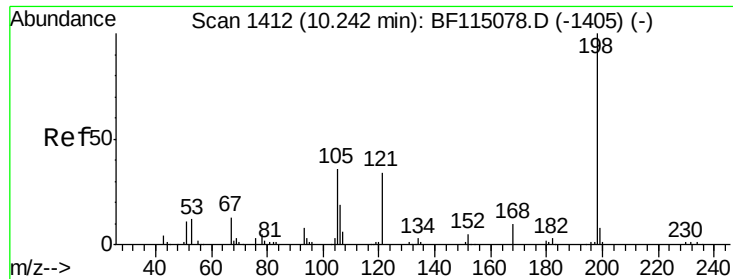


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

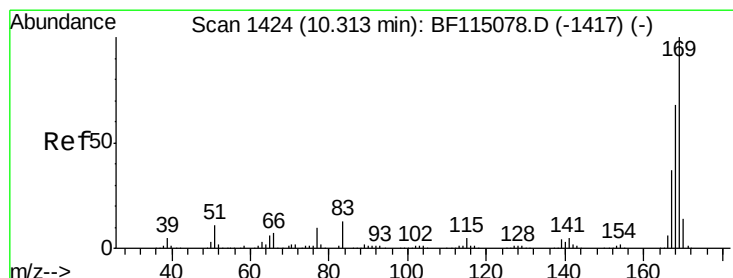
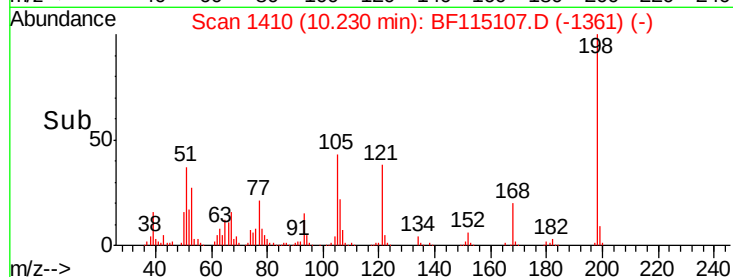
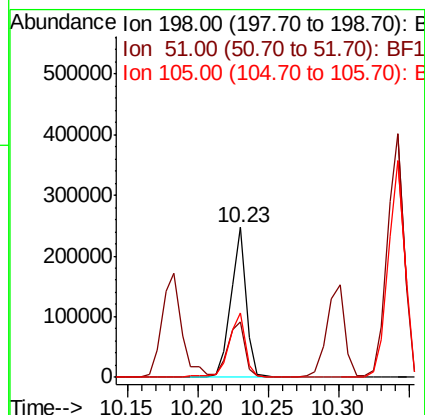
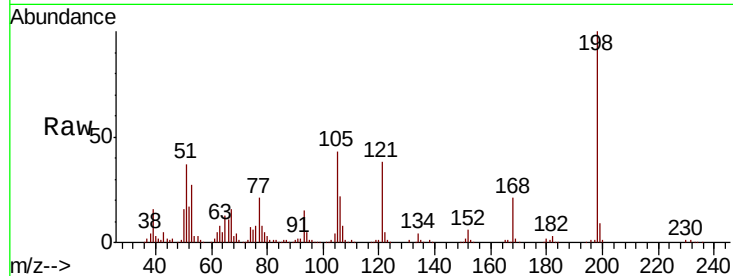




#65
4,6-Dinitro-2-methylphenol
Concen: 42.138 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

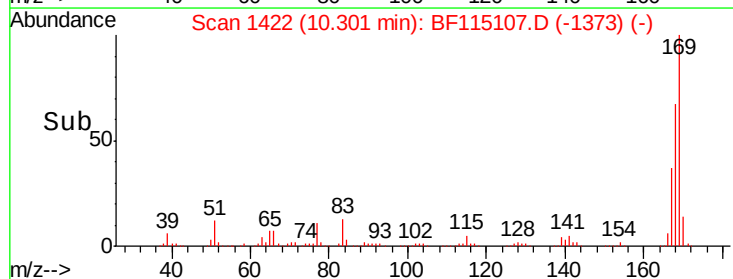
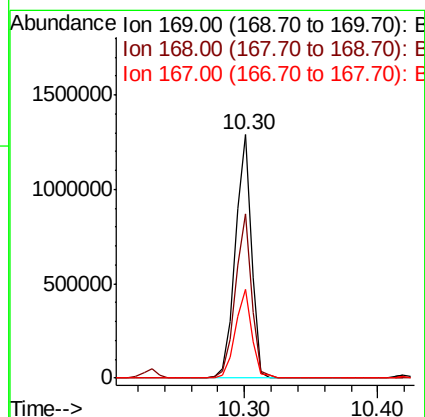
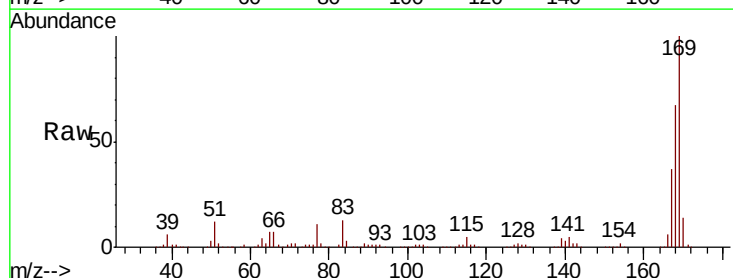
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

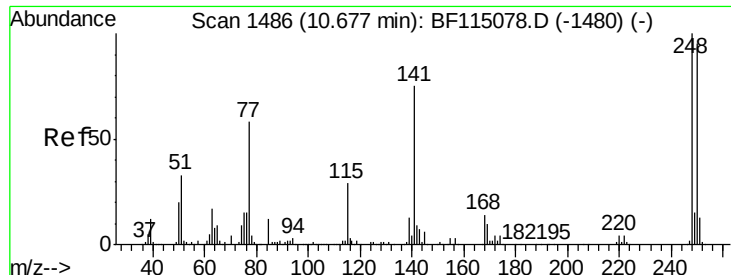
Tot Ion:198 Resp: 186589
Ion Ratio Lower Upper
198 100
51 36.9 11.0 51.0
105 43.0 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 41.667 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:169 Resp: 1097906
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 36.6 29.4 44.0

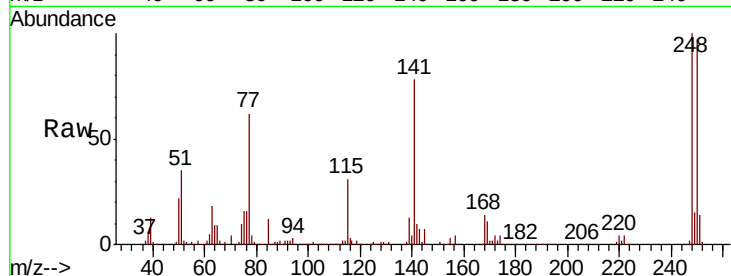




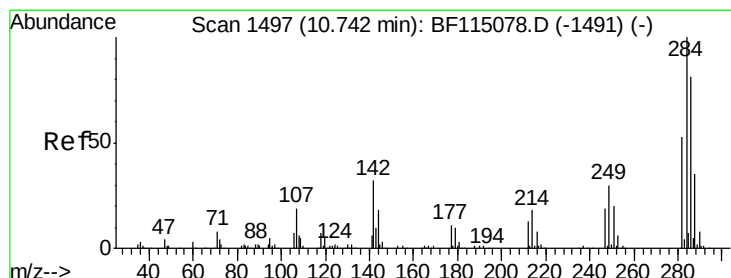
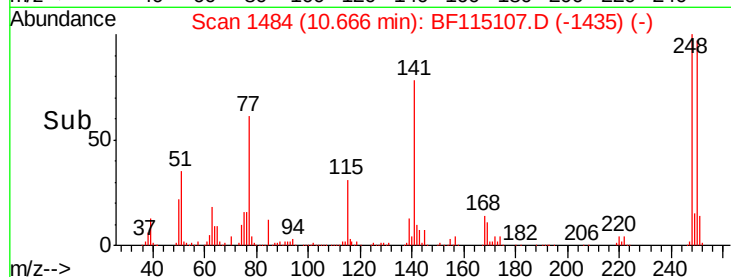
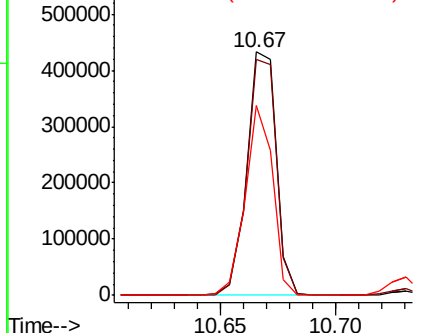
#67
4-Bromophenyl-phenylether
Concen: 42.196 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 386931
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 77.8 59.6 89.4

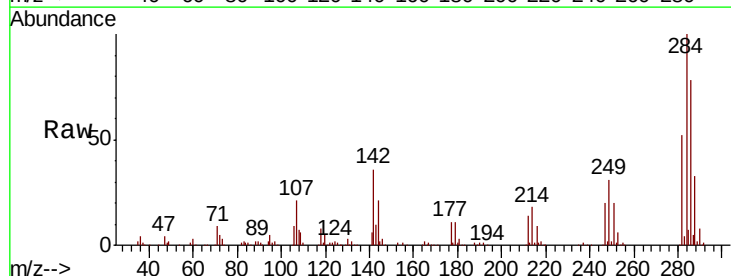


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

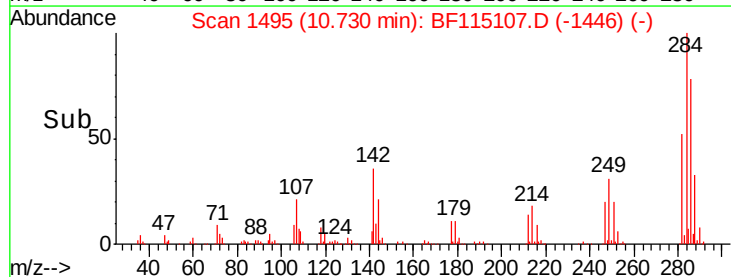
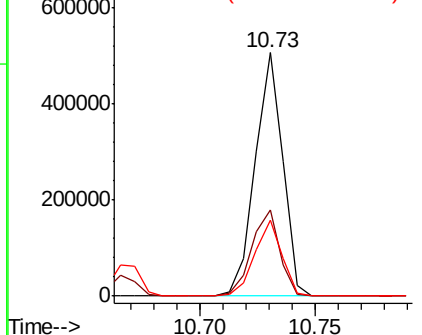


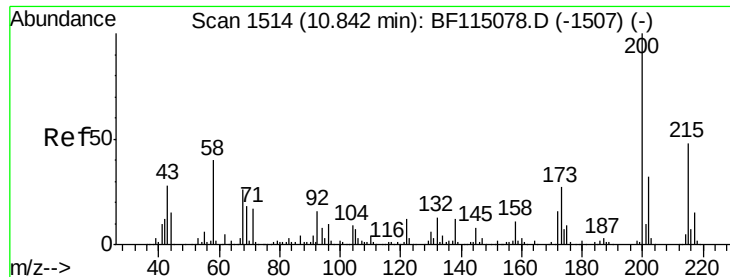
#68
Hexachlorobenzene
Concen: 42.456 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:284 Resp: 422577
Ion Ratio Lower Upper
284 100
142 35.6 25.8 38.8
249 31.1 24.2 36.4



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

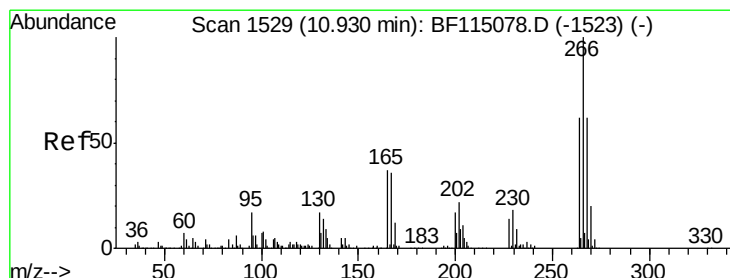
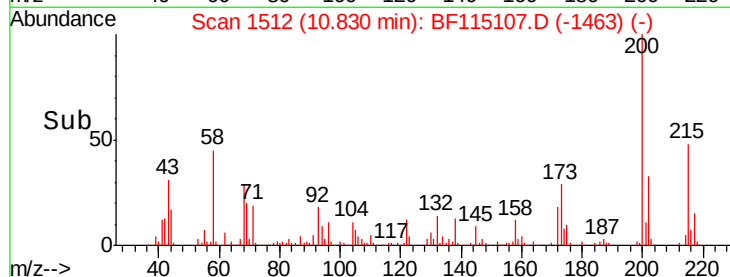
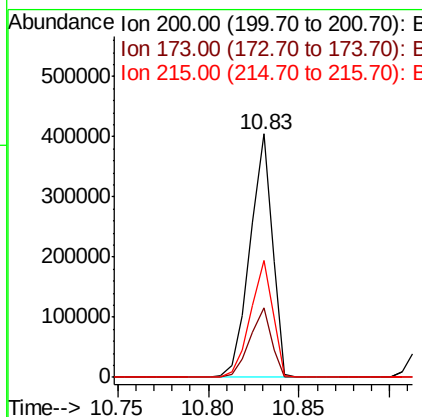
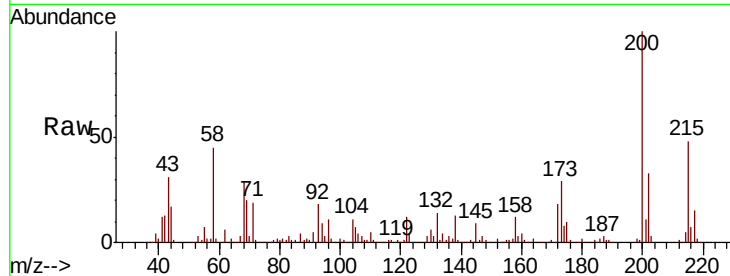




#69
 Atrazine
 Concen: 41.074 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

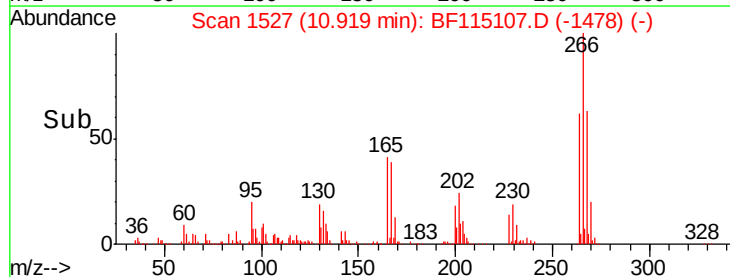
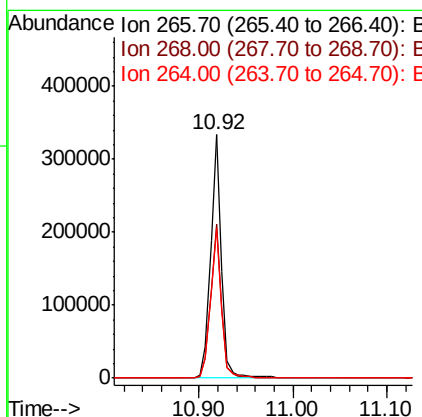
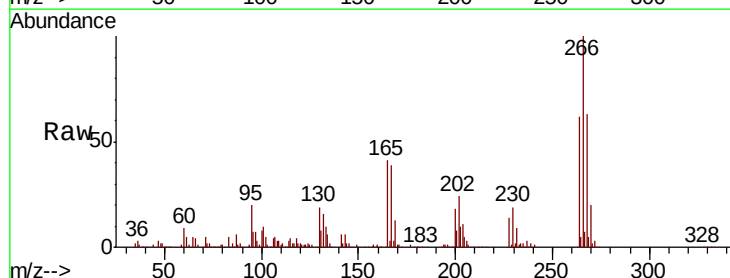
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

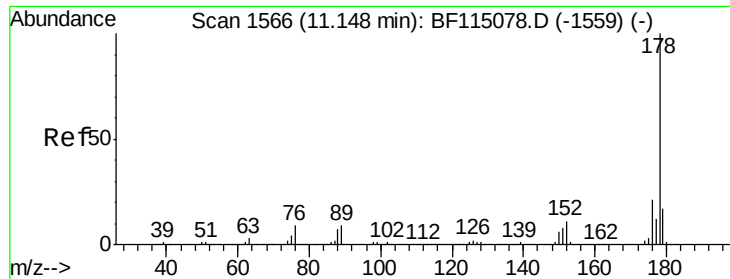
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.4	47.4
215	47.9	27.8	67.8



#70
 Pentachlorophenol
 Concen: 42.993 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115107.D
 Acq: 22 Jun 2019 8:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.5	74.3
264	61.8	49.3	73.9

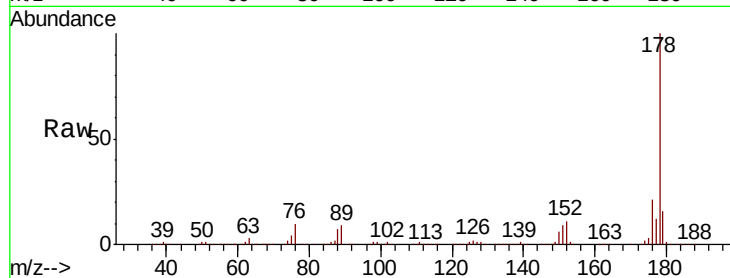




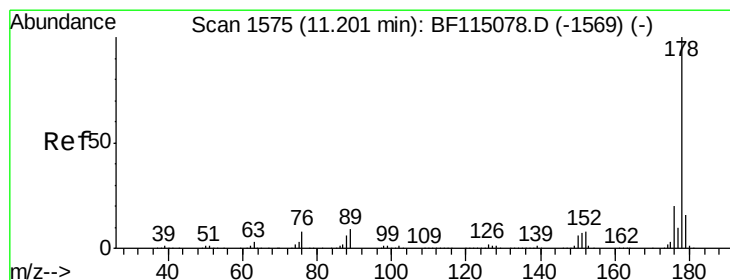
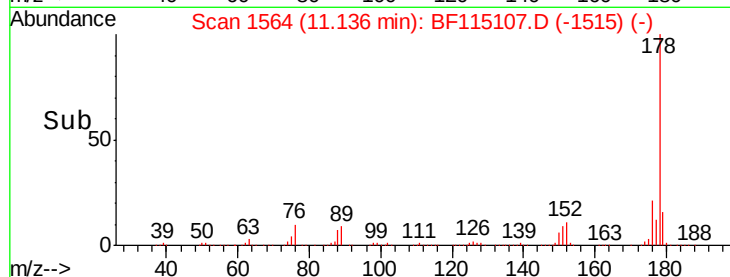
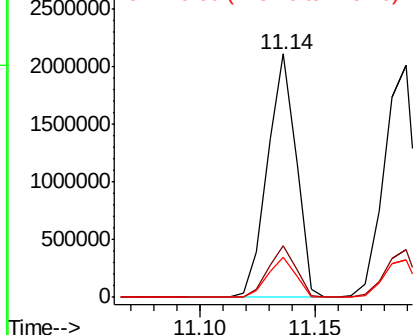
#71
Phenanthrene
Concen: 39.911 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1817450
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.5 13.2 19.8

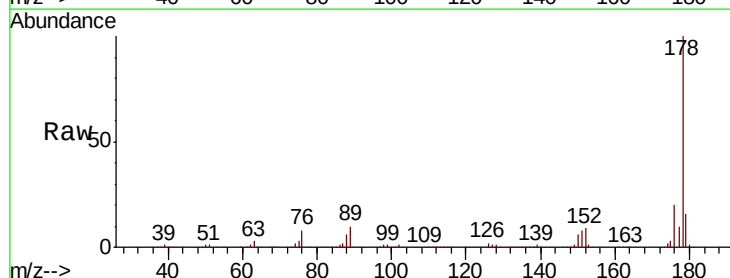


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

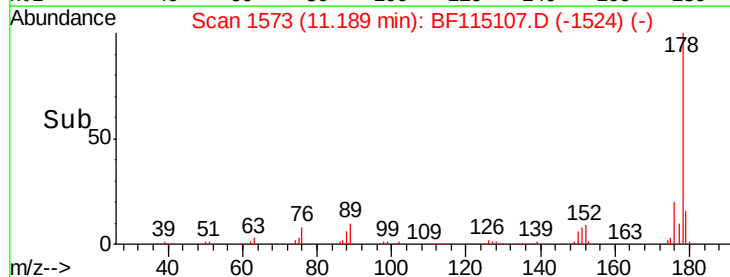
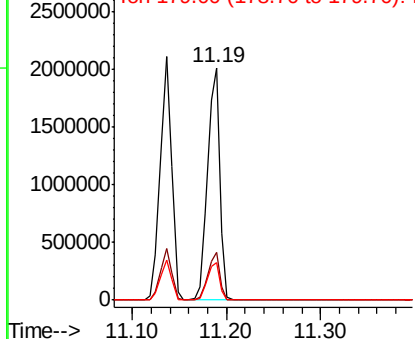


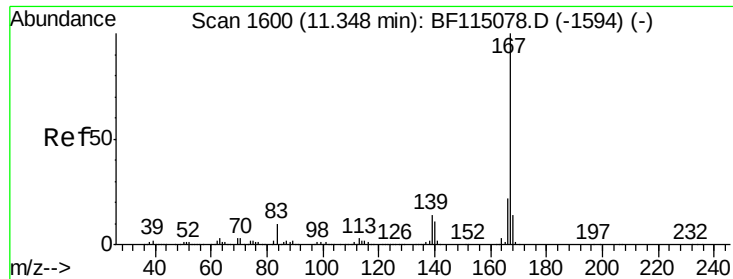
#72
Anthracene
Concen: 40.324 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:178 Resp: 1853575
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.4 12.9 19.3



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





#73

Carbazole

Concen: 41.085 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

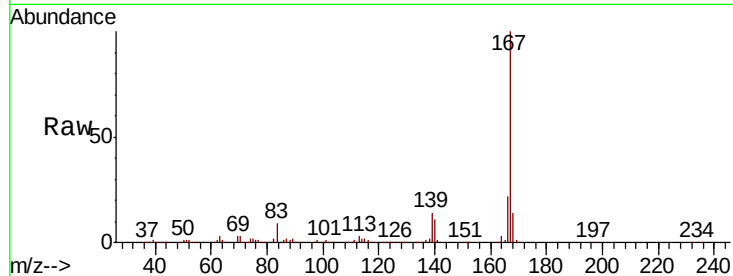
Tot Ion:167 Resp: 1686402

Ion Ratio Lower Upper

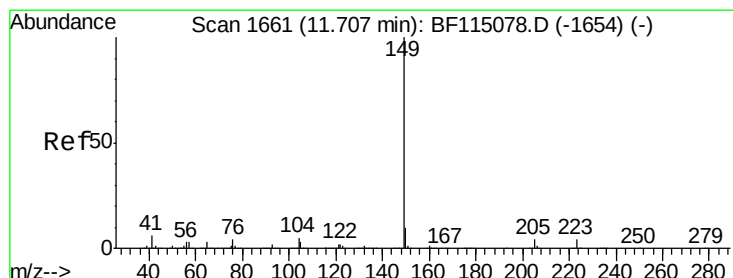
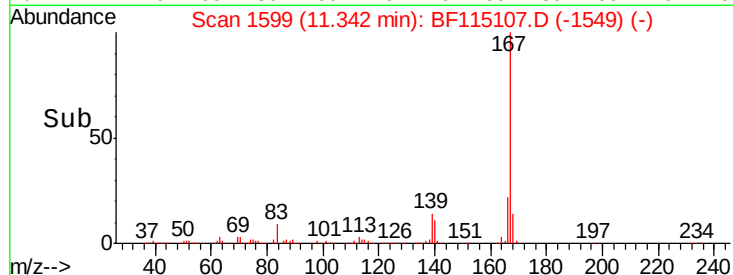
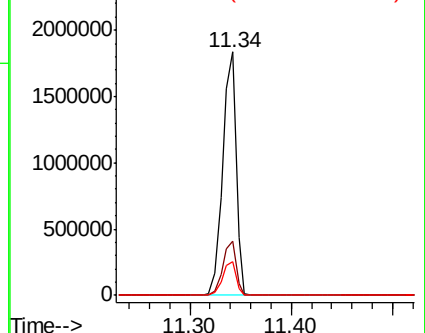
167 100

166 22.5 18.0 27.0

139 14.0 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.977 ng

RT: 11.69 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

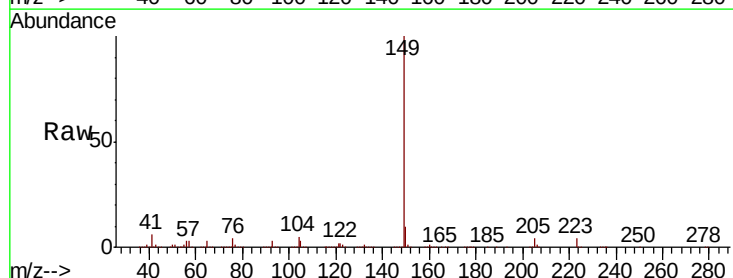
Tgt Ion:149 Resp: 1991022

Ion Ratio Lower Upper

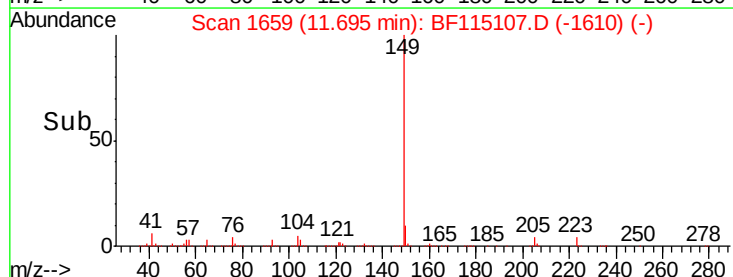
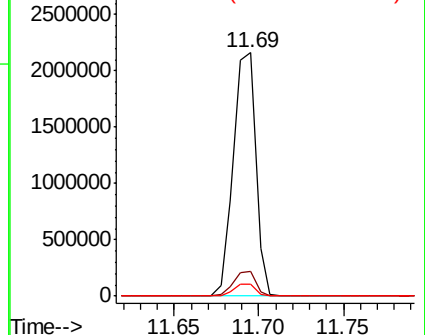
149 100

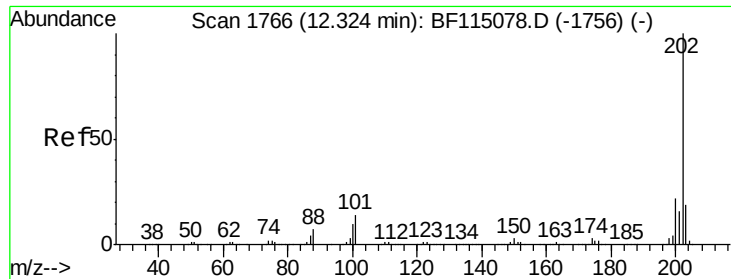
150 9.9 7.8 11.8

104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.694 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

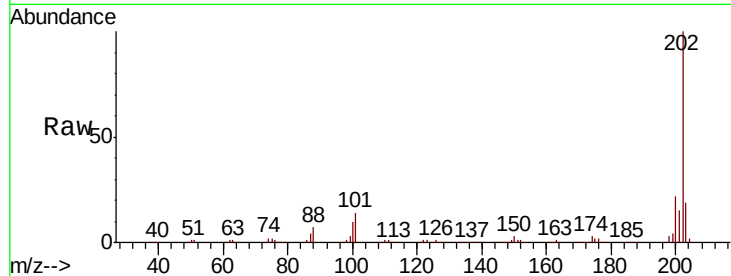
Tot Ion:202 Resp: 1894345

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.0

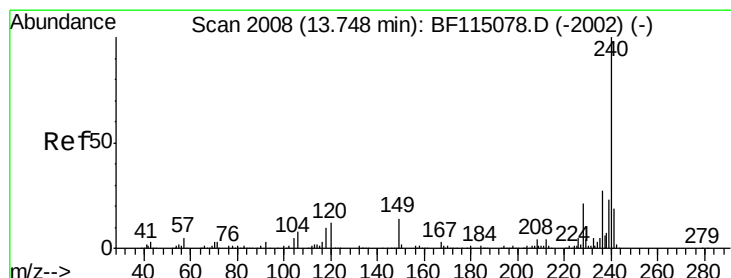
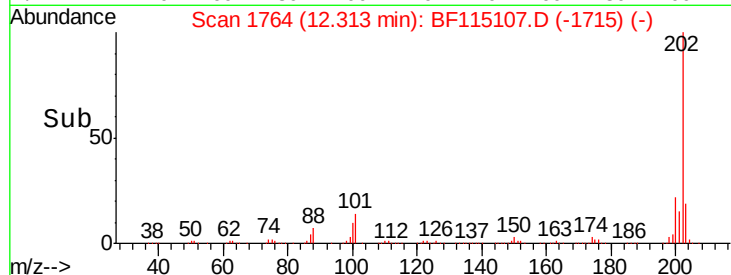
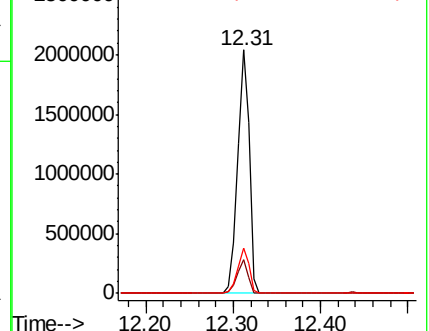
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

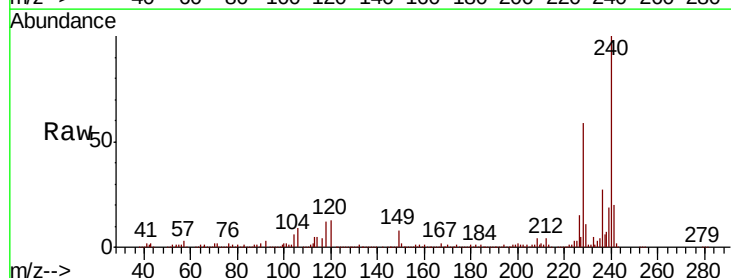
Tgt Ion:240 Resp: 625697

Ion Ratio Lower Upper

240 100

120 13.5 9.4 14.2

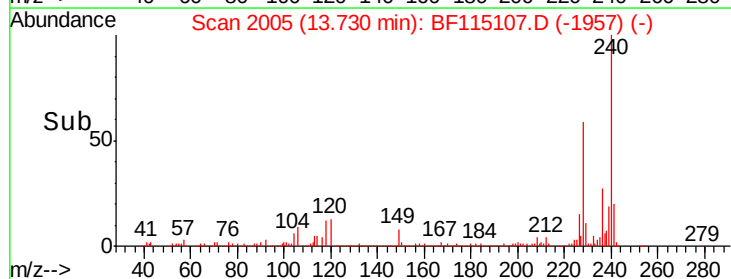
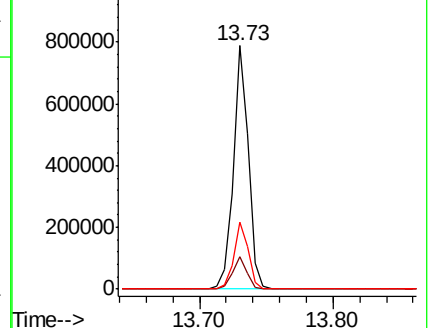
236 27.3 21.7 32.5

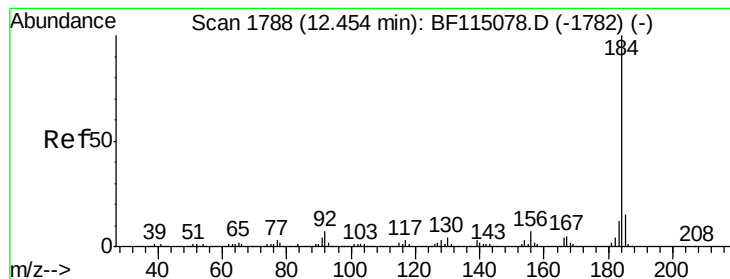


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.286 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

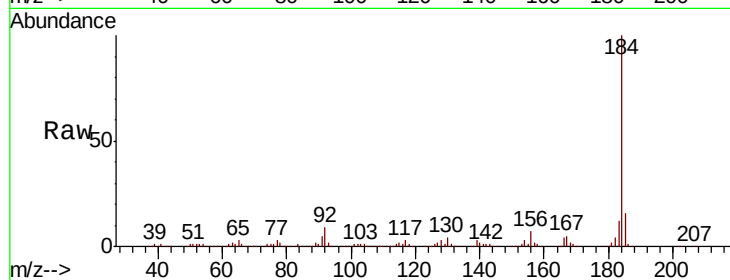
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1147066

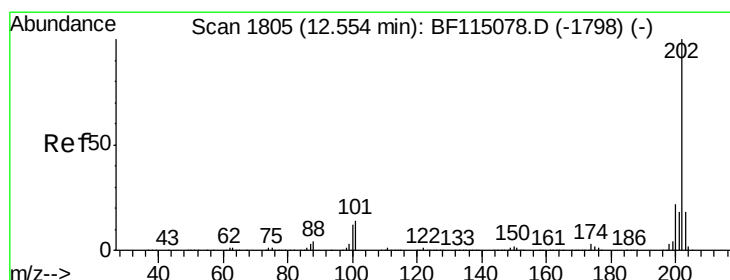
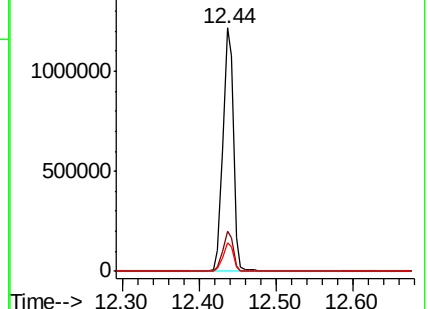
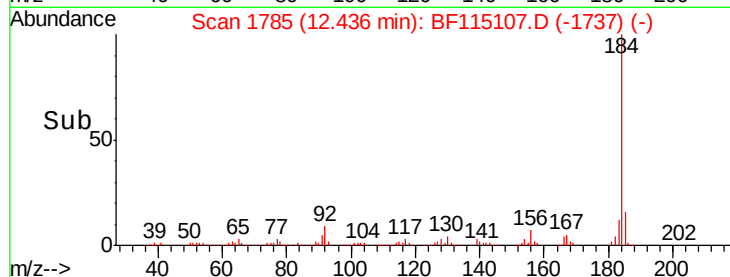
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.2
183	11.8	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.934 ng

RT: 12.54 min Scan# 1803

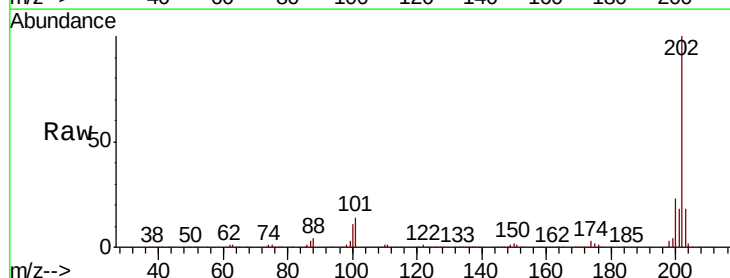
Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion:202 Resp: 1920215

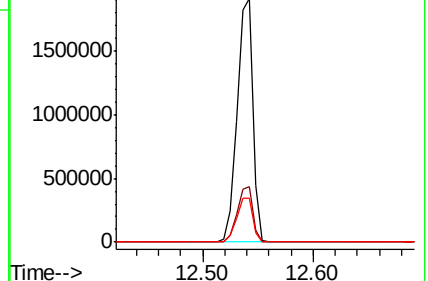
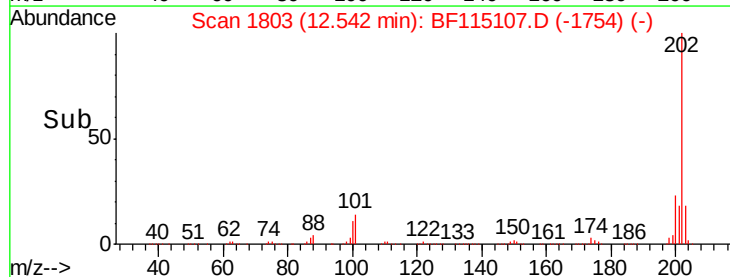
Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	18.2	14.6	21.8

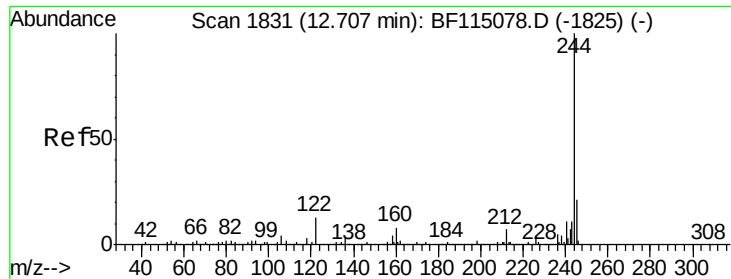


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.334 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

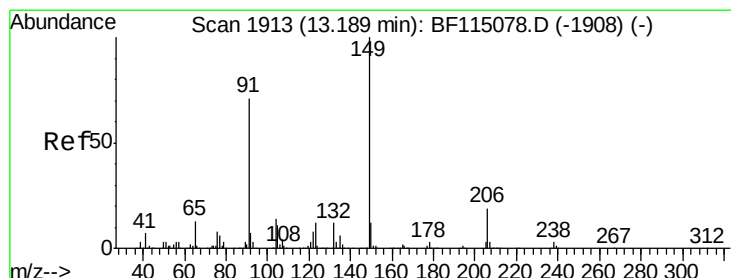
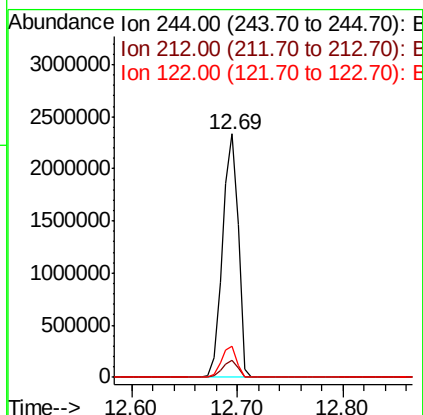
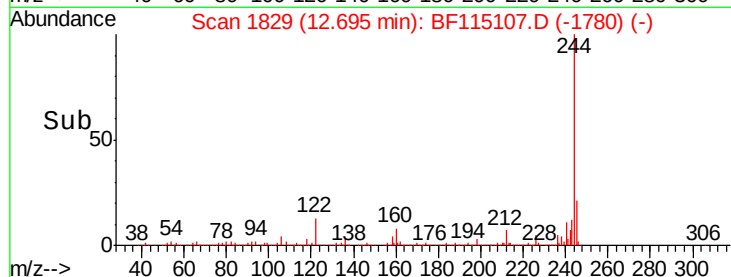
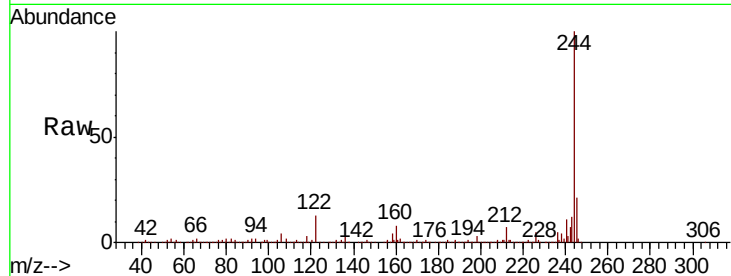
Tot Ion:244 Resp: 2422962

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 12.7 10.4 15.6



#80

Butylbenzylphthalate

Concen: 40.748 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

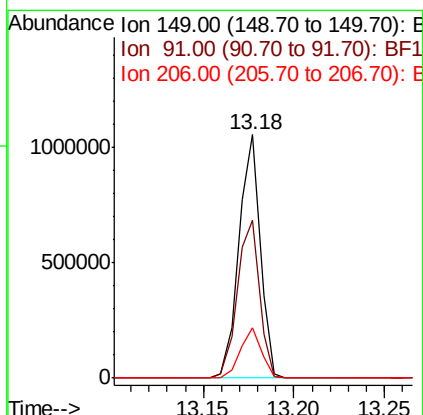
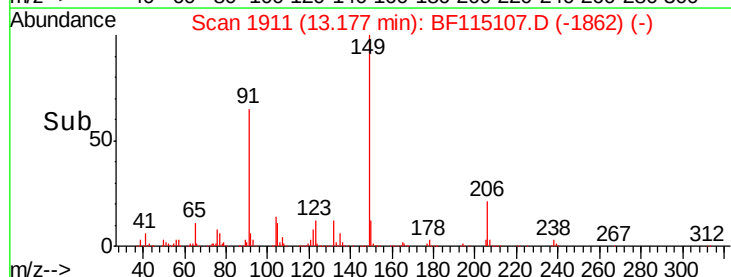
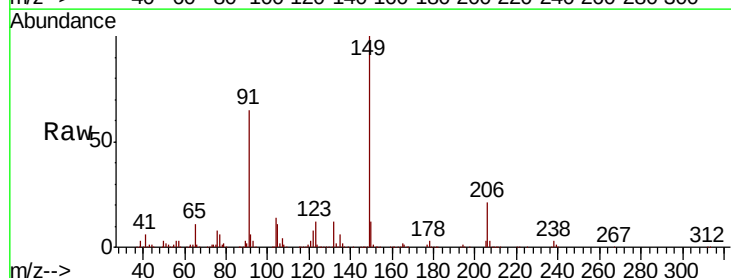
Tgt Ion:149 Resp: 864702

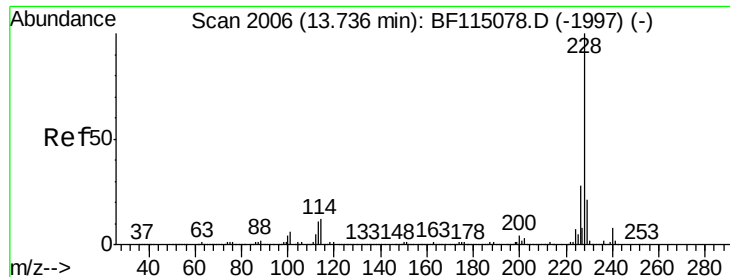
Ion Ratio Lower Upper

149 100

91 64.8 56.5 84.7

206 20.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 40.744 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

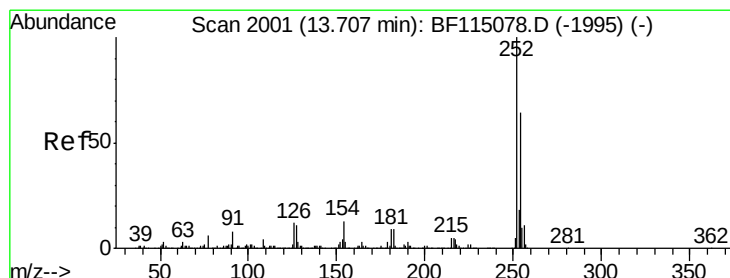
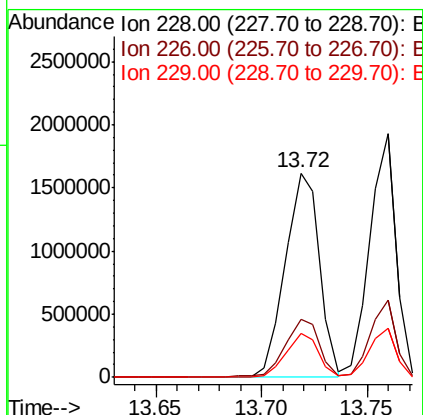
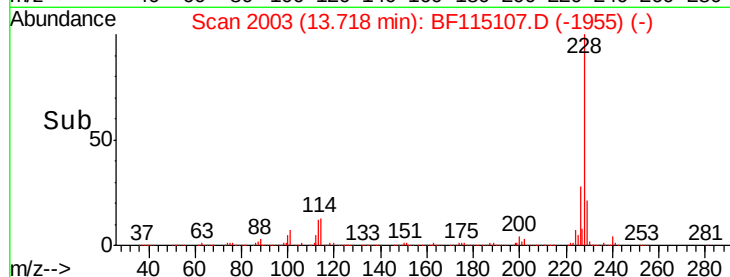
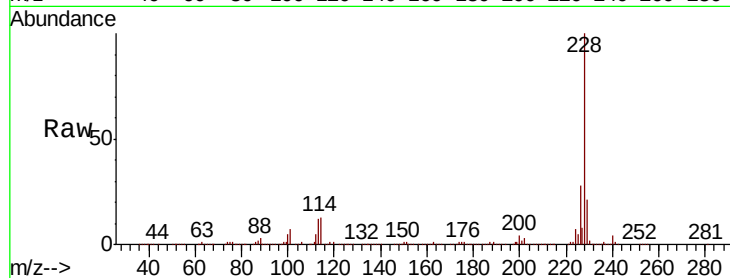
Tot Ion:228 Resp: 1829249

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

229 21.3 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 41.692 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

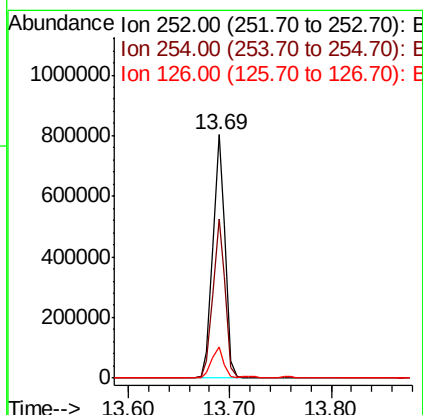
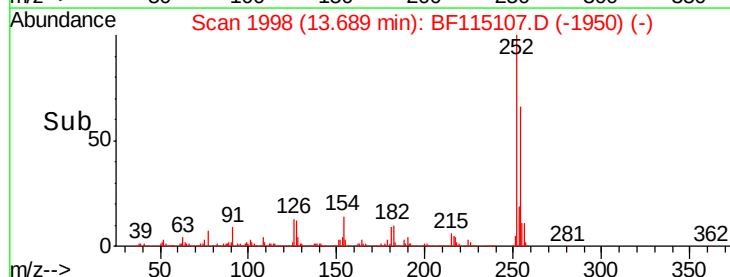
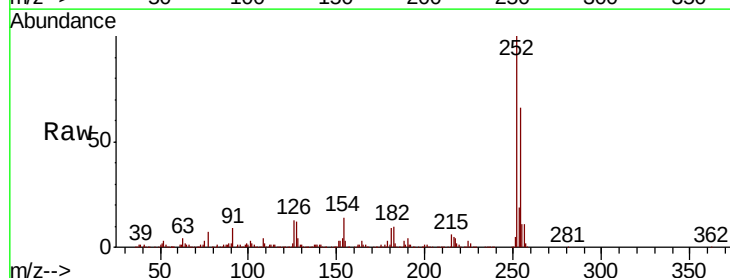
Tgt Ion:252 Resp: 675944

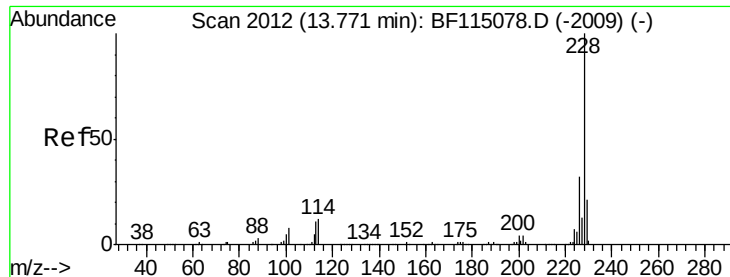
Ion Ratio Lower Upper

252 100

254 65.6 51.1 76.7

126 12.8 9.4 14.0





#83

Chrysene

Concen: 40.911 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Instrument :

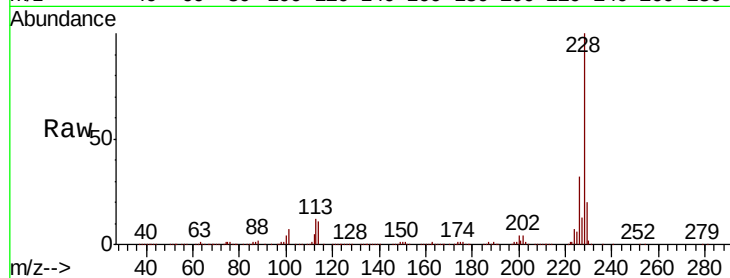
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1682504

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.4	16.5	24.7

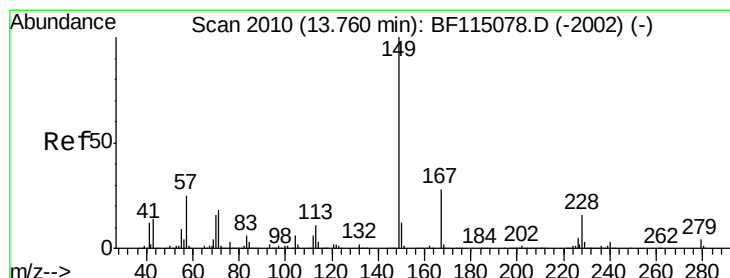
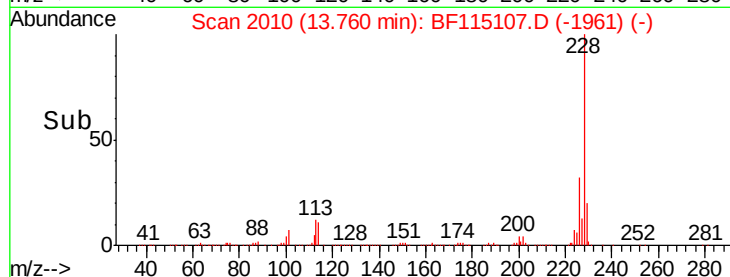
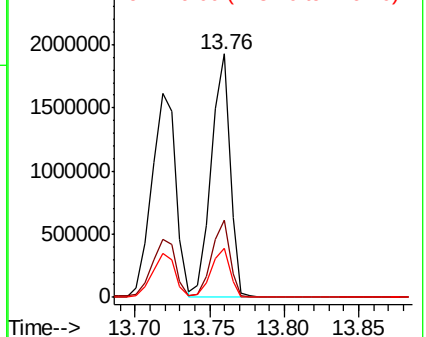


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.823 ng

RT: 13.74 min Scan# 2007

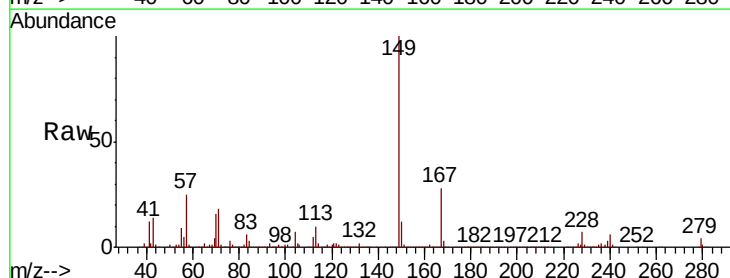
Delta R.T. -0.02 min

Lab File: BF115107.D

Acq: 22 Jun 2019 8:49

Tgt Ion:149 Resp: 1162903

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.6	2.9	4.3

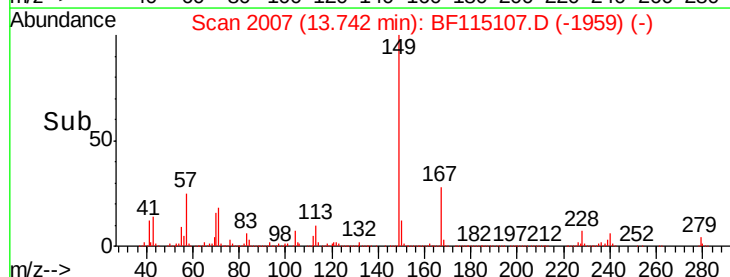
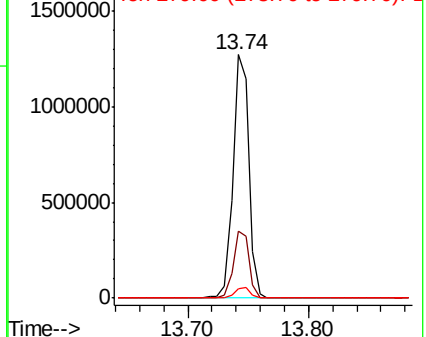


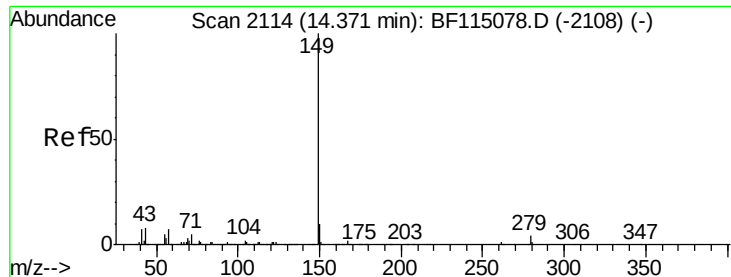
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

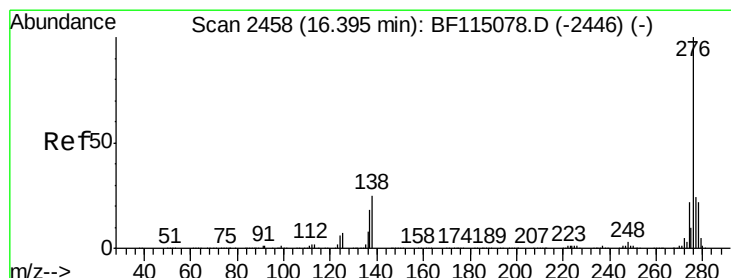
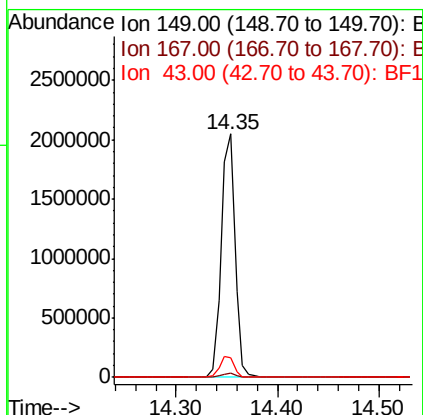
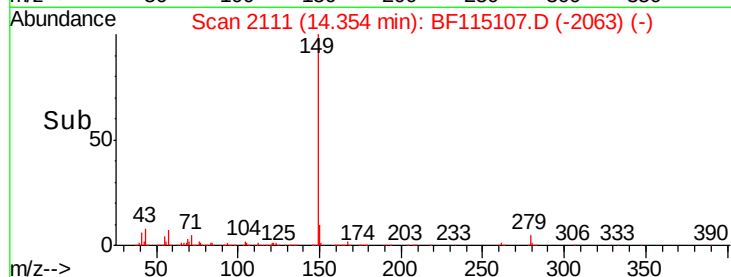
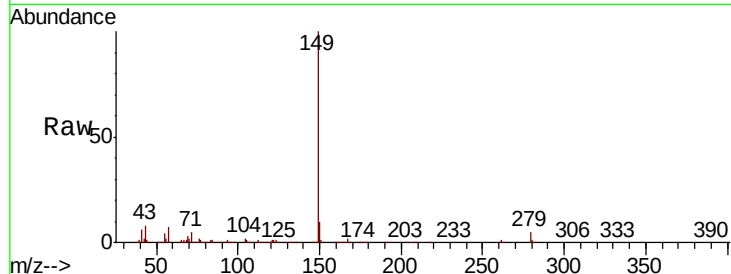




#85
Di-n-octyl phthalate
Concen: 41.310 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

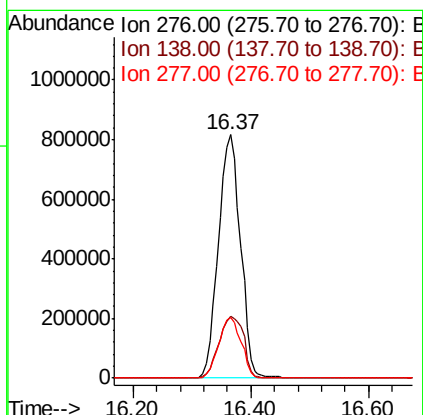
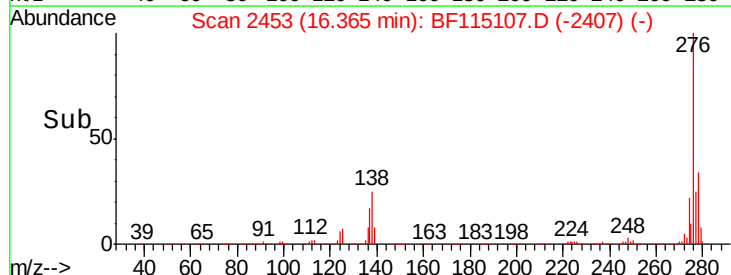
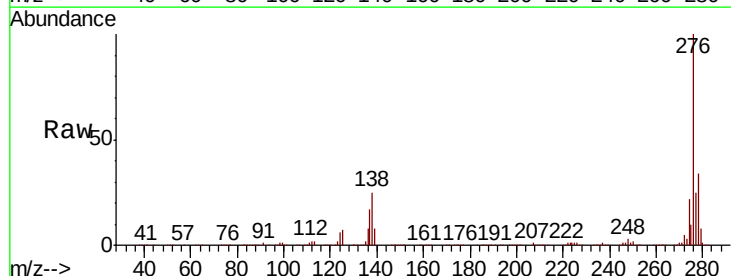
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

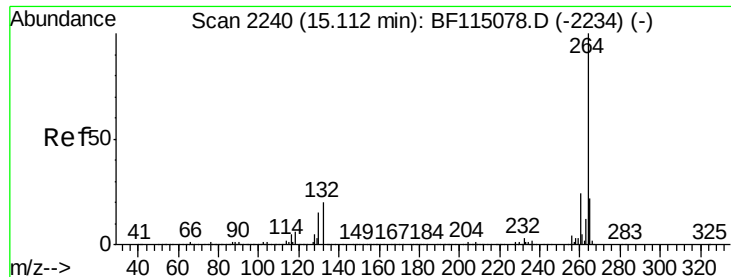
Tot Ion:149 Resp: 1929919
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.675 ng
RT: 16.37 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:276 Resp: 2125380
Ion Ratio Lower Upper
276 100
138 28.5 23.2 34.8
277 25.5 20.1 30.1

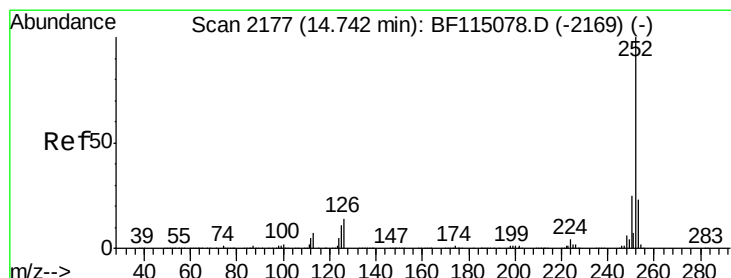
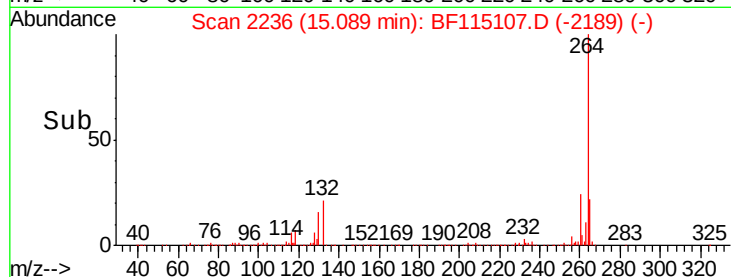
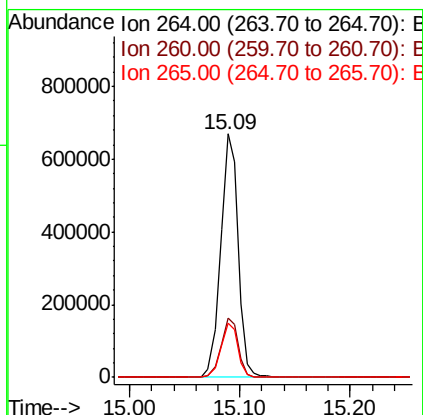
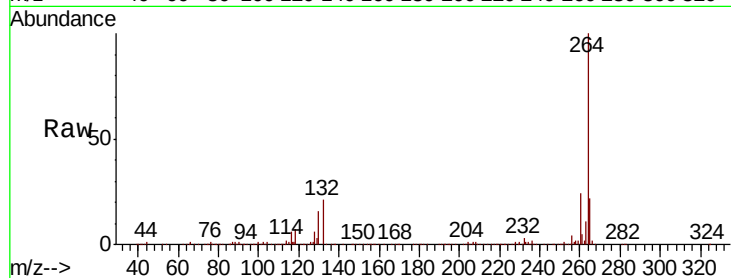




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

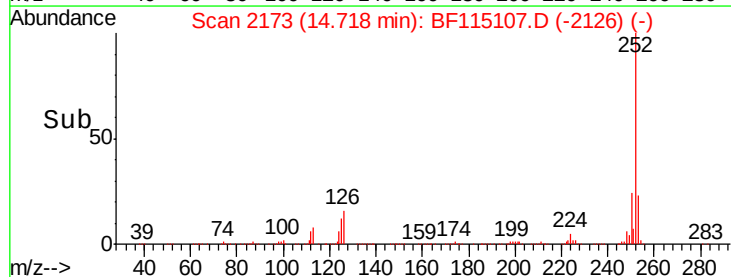
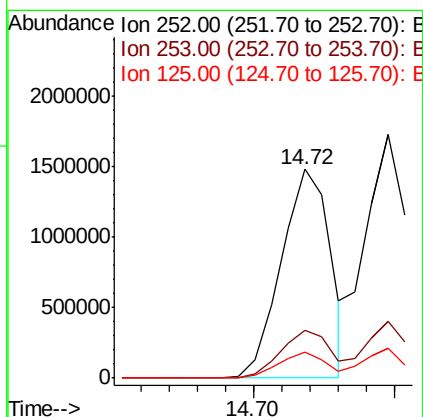
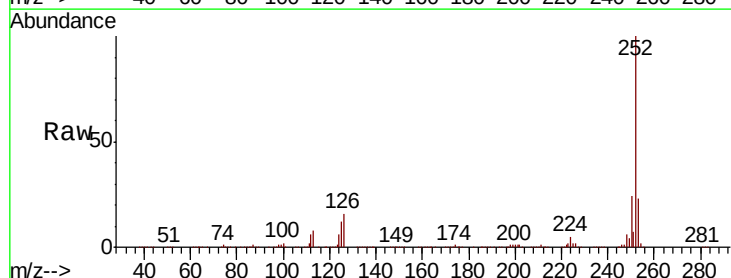
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

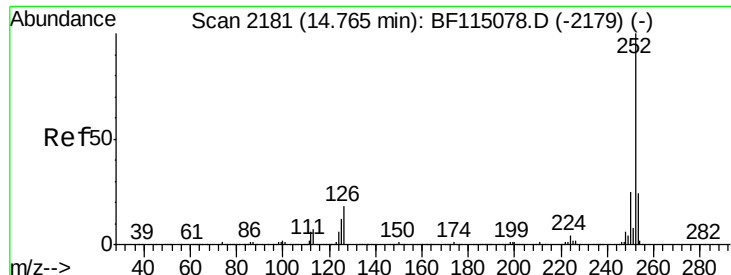
Tot Ion:264 Resp: 739352
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.2 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 38.687 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:252 Resp: 1784782
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.2 8.7 13.1

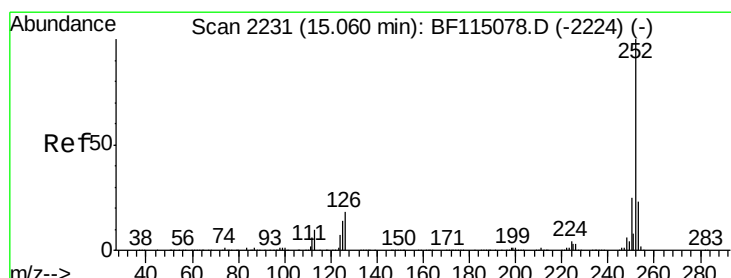
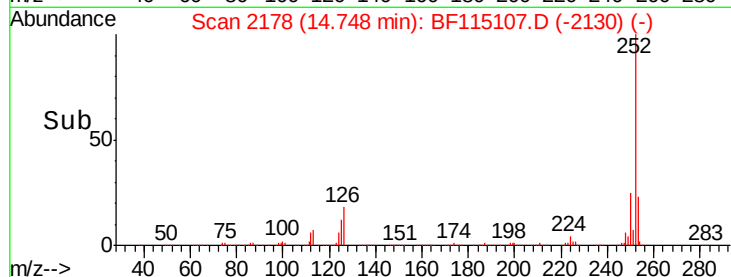
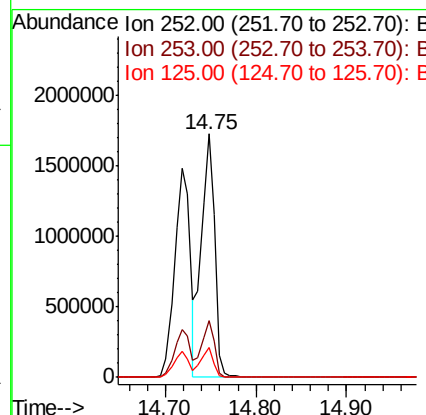
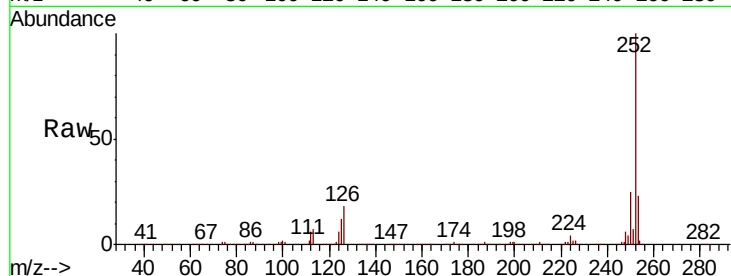




#89
Benzo(k)fluoranthene
Concen: 42.379 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

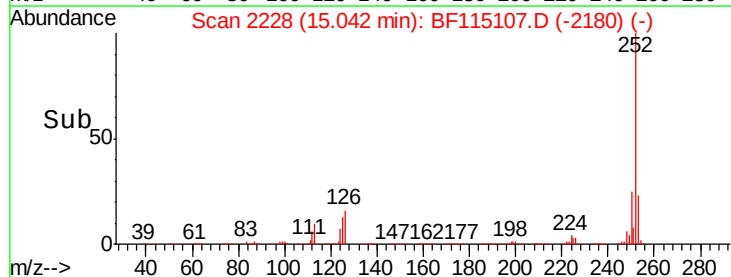
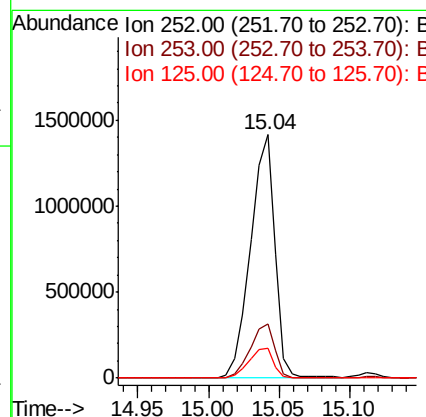
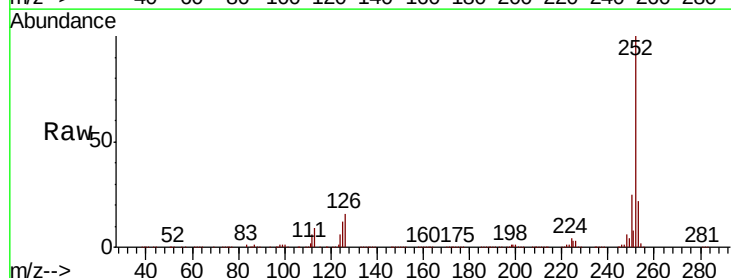
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

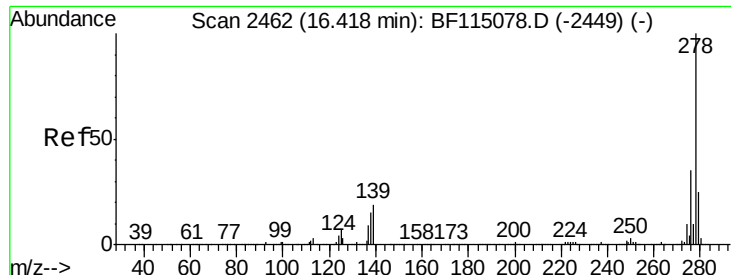
Tot Ion:252 Resp: 1753289
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.1 10.2 15.2



#90
Benzo(a)pyrene
Concen: 41.269 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:252 Resp: 1715990
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 12.1 10.9 16.3



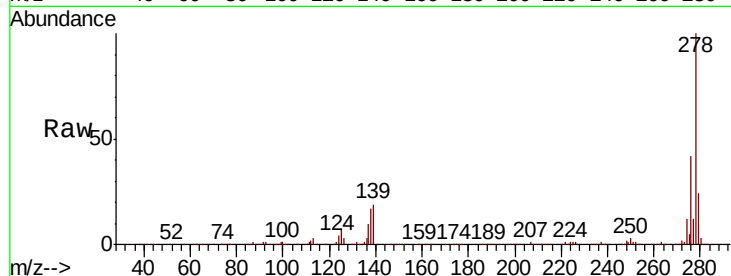


#91
Dibenzo(a,h)anthracene
Concen: 44.072 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.04 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

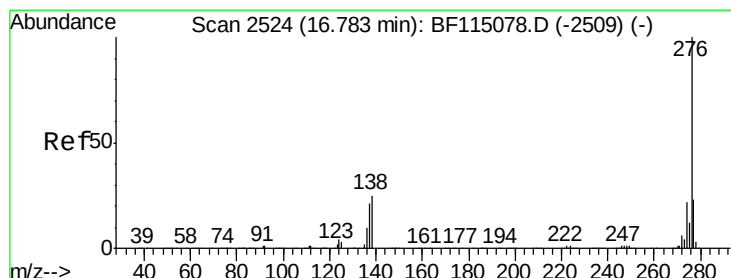
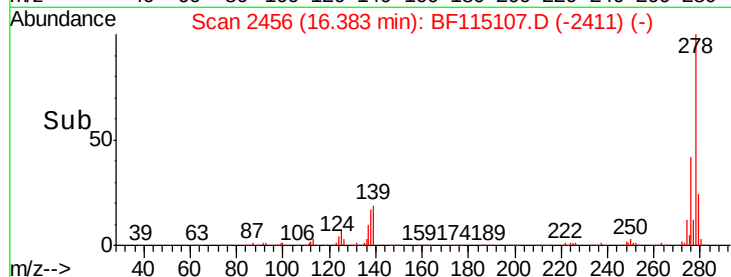
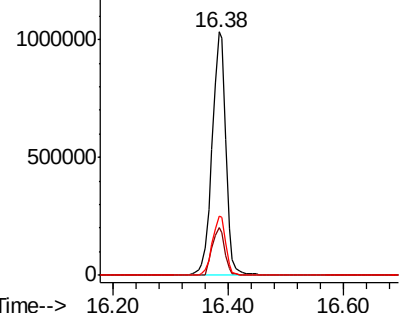
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1710790

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.4	23.2
279	24.2	19.9	29.9



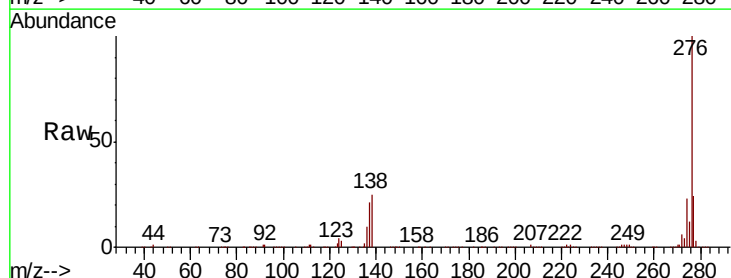
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.565 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.04 min
Lab File: BF115107.D
Acq: 22 Jun 2019 8:49

Tgt Ion:276 Resp: 1750885

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.8	19.8	29.6



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

