

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115137.D
 Acq On : 22 Jun 2019 23:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 04:39:36 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	227619	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	909908	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	434087	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	768691	20.00	ng	0.00
76) Chrysene-d12	13.73	240	481824	20.00	ng	-0.02
87) Perylene-d12	15.09	264	450415	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1210711	82.08	ng	0.00
7) Phenol-d6	6.25	99	1448228	80.89	ng	0.00
23) Nitrobenzene-d5	7.18	82	1240203	83.85	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	356183	77.81	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2194152	85.86	ng	-0.01
79) Terphenyl-d14	12.70	244	2029347	89.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	283493	40.724	ng	99
3) Pyridine	2.84	79	793979	40.467	ng	98
4) n-Nitrosodimethylamine	2.78	42	301543	39.204	ng	97
6) Aniline	6.28	93	979053	39.790	ng	99
8) 2-Chlorophenol	6.40	128	686833	41.411	ng	96
9) Benzaldehyde	6.15	77	493502	42.252	ng	99
10) Phenol	6.27	94	832124	39.680	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	631582	40.856	ng	97
12) 1,3-Dichlorobenzene	6.55	146	761424	41.366	ng	98
13) 1,4-Dichlorobenzene	6.63	146	766941	41.550	ng	99
14) 1,2-Dichlorobenzene	6.79	146	711008	41.595	ng	97
15) Benzyl Alcohol	6.76	79	533474	40.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	901419	40.204	ng	100
17) 2-Methylphenol	6.88	107	541802	39.576	ng	100
18) Hexachloroethane	7.13	117	245187	36.846	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	444340	38.767	ng	98
20) 3+4-Methylphenols	7.03	107	634970	40.168	ng	93
22) Acetophenone	7.02	105	846481	40.636	ng	98
24) Nitrobenzene	7.20	77	679661	41.708	ng	100
25) Isophorone	7.44	82	1199765	39.595	ng	99
26) 2-Nitrophenol	7.51	139	333319	41.419	ng	98
27) 2,4-Dimethylphenol	7.56	122	535300	40.627	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	792034	41.356	ng	100
29) 2,4-Dichlorophenol	7.75	162	556688	40.940	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	629610	41.919	ng	98
31) Naphthalene	7.92	128	1837632	41.142	ng	100
32) Benzoic acid	7.70	122	66367	7.056	ng	98
33) 4-Chloroaniline	7.97	127	835627	40.936	ng	99
34) Hexachlorobutadiene	8.05	225	350334	42.564	ng	99
35) Caprolactam	8.34	113	176085	38.517	ng	95
36) 4-Chloro-3-methylphenol	8.45	107	558482	40.556	ng	100
37) 2-Methylnaphthalene	8.61	142	1225778	40.702	ng	99
38) 1-Methylnaphthalene	8.71	142	1178755	40.982	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	555409	45.278	ng	99

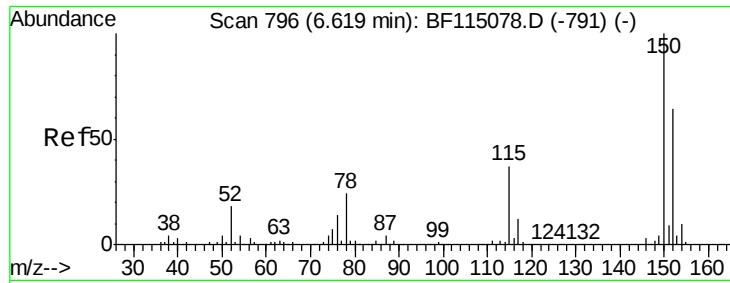
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115137.D
 Acq On : 22 Jun 2019 23:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 04:39:36 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)
41) Hexachlorocyclopentadiene	8.77	237	65371	8.987	ng	96
43) 2,4,6-Trichlorophenol	8.88	196	389644	41.144	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	402561	41.278	ng	99
46) 1,1'-Biphenyl	9.07	154	1420924	40.910	ng	99
47) 2-Chloronaphthalene	9.09	162	1196259	42.460	ng	98
48) 2-Nitroaniline	9.18	65	361784	44.045	ng	98
49) Acenaphthylene	9.50	152	1824742	41.570	ng	99
50) Dimethylphthalate	9.38	163	1370689	42.919	ng	99
51) 2,6-Dinitrotoluene	9.43	165	307306	41.679	ng	94
52) Acenaphthene	9.68	154	1061724	38.653	ng	99
53) 3-Nitroaniline	9.60	138	388172	43.141	ng	96
54) 2,4-Dinitrophenol	9.69	184	10573	9.875	ng	# 34
55) Dibenzofuran	9.85	168	1580814	40.098	ng	98
56) 4-Nitrophenol	9.75	139	242060	33.557	ng	95
57) 2,4-Dinitrotoluene	9.82	165	396646	41.663	ng	92
58) Fluorene	10.18	166	1100207	41.387	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	305105	37.310	ng	99
60) Diethylphthalate	10.07	149	1354121	42.181	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	548380	43.779	ng	98
62) 4-Nitroaniline	10.20	138	362932	40.208	ng	98
63) Azobenzene	10.34	77	1201778	40.079	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	24942	10.428	ng	97
66) n-Nitrosodiphenylamine	10.30	169	1079160	45.062	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	380568	45.664	ng	96
68) Hexachlorobenzene	10.73	284	402367	44.479	ng	95
69) Atrazine	10.83	200	343329	44.566	ng	100
70) Pentachlorophenol	10.92	266	193959	33.655	ng	99
71) Phenanthrene	11.14	178	1667620	40.293	ng	99
72) Anthracene	11.19	178	1680973	40.236	ng	100
73) Carbazole	11.34	167	1495252	40.081	ng	99
74) Di-n-butylphthalate	11.70	149	1954189	45.331	ng	100
75) Fluoranthene	12.31	202	1523545	36.895	ng	100
77) Benzidine	12.44	184	891649	41.676	ng	98
78) Pyrene	12.54	202	1544934	41.723	ng	100
80) Butylbenzylphthalate	13.18	149	730108	44.679	ng	93
81) Benzo(a)anthracene	13.72	228	1390731	40.227	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	529034	42.375	ng	100
83) Chrysene	13.76	228	1302965	41.143	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	985192	46.011	ng	100
85) Di-n-octyl phthalate	14.35	149	1593470	44.293	ng	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1007943	26.897	ng	99
88) Benzo(b)fluoranthene	14.72	252	1226829	43.652	ng	99
89) Benzo(k)fluoranthene	14.75	252	1190443	47.233	ng	97
90) Benzo(a)pyrene	15.04	252	1081842	42.708	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	856637	36.224	ng	97
92) Benzo(g,h,i)perylene	16.74	276	778393	32.522	ng	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: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

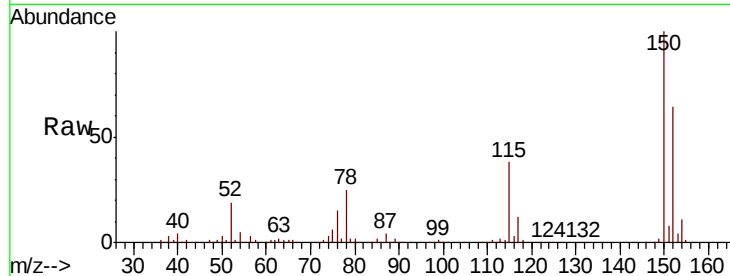
Tot Ion:152 Resp: 227619

Ion Ratio Lower Upper

152 100

150 156.6 124.2 186.2

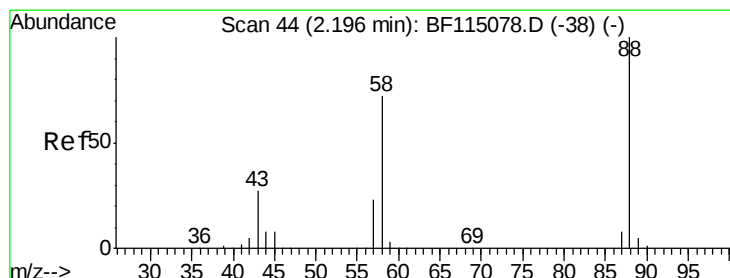
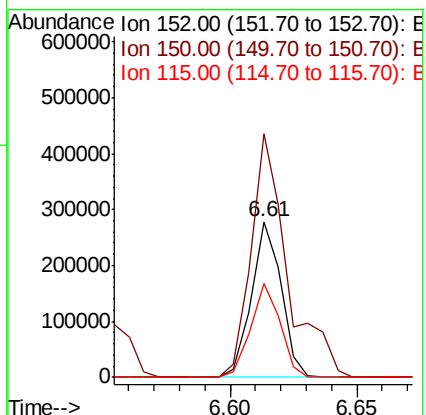
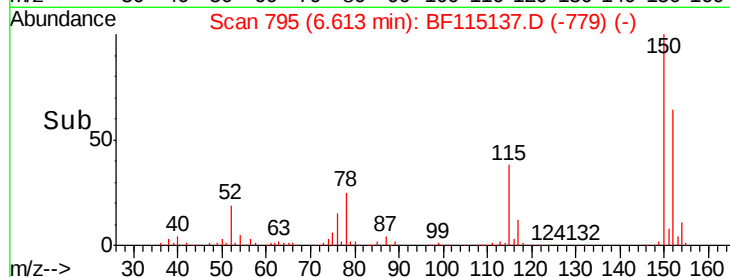
115 60.0 46.1 69.1



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: 40.724 ng

RT: 2.18 min Scan# 42

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

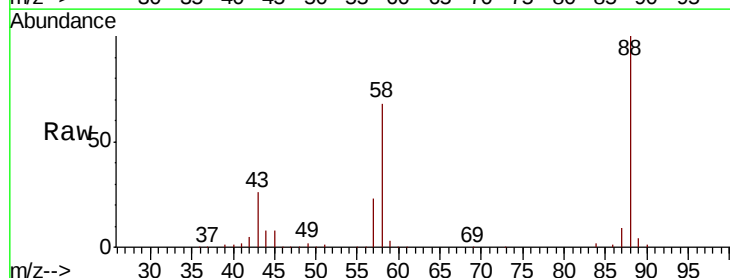
Tgt Ion: 88 Resp: 283493

Ion Ratio Lower Upper

88 100

58 69.5 56.1 84.1

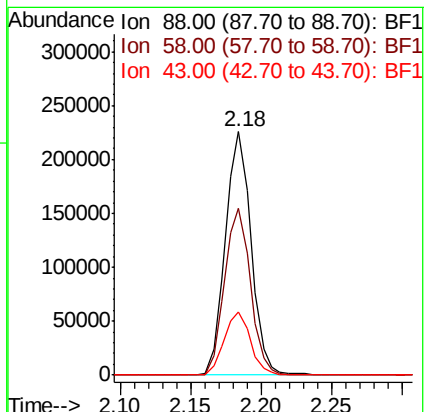
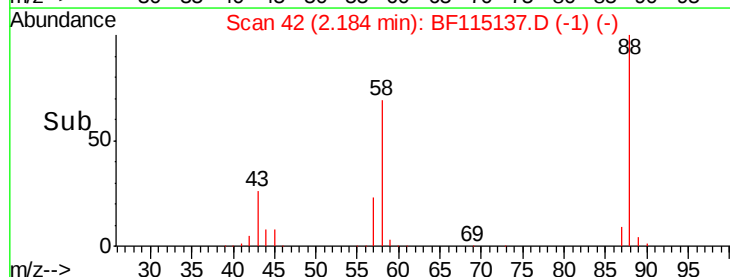
43 26.8 21.3 31.9

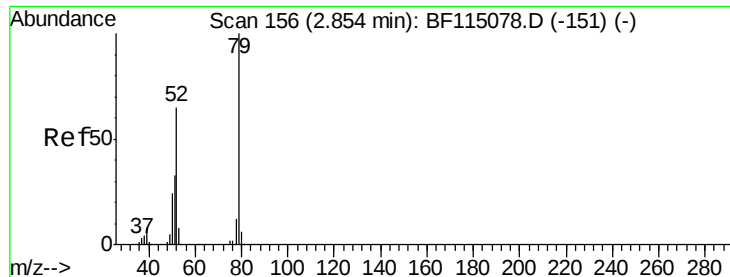


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.467 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

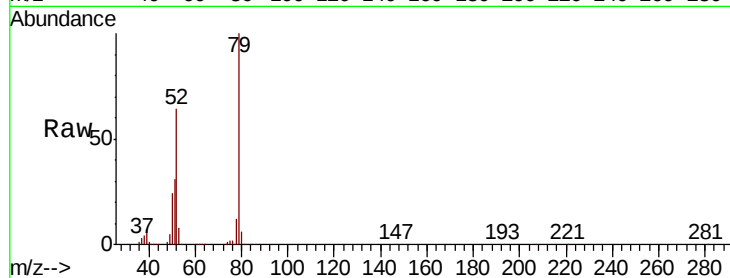
Tot Ion: 79 Resp: 793979

Ion Ratio Lower Upper

79 100

52 63.8 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

500000

400000

300000

200000

100000

0

2.84

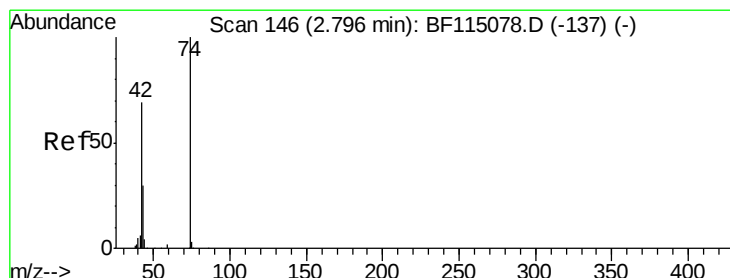
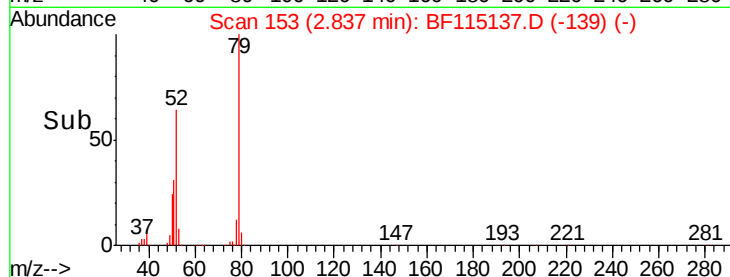
2.80

2.90

3.00

3.10

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.204 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

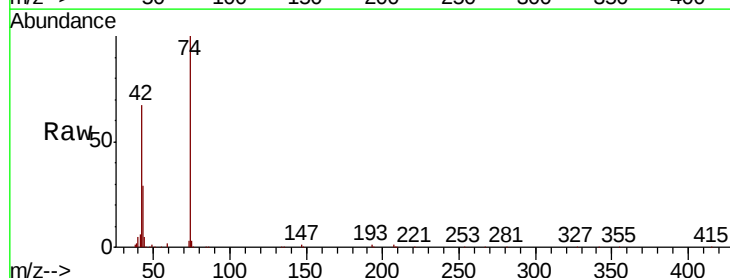
Tgt Ion: 42 Resp: 301543

Ion Ratio Lower Upper

42 100

74 149.0 116.6 175.0

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

300000

250000

200000

150000

100000

50000

0

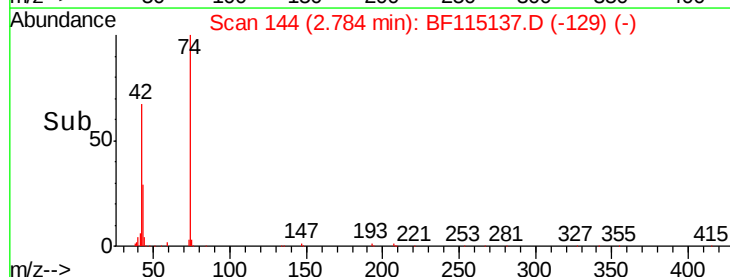
2.78

2.70

2.80

2.90

Time-->





#5

2-Fluorophenol

Concen: 82.082 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

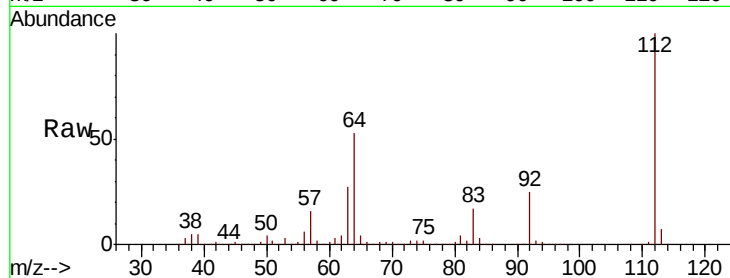
Tot Ion: 112 Resp: 1210711

Ion Ratio Lower Upper

112 100

64 52.7 43.8 65.6

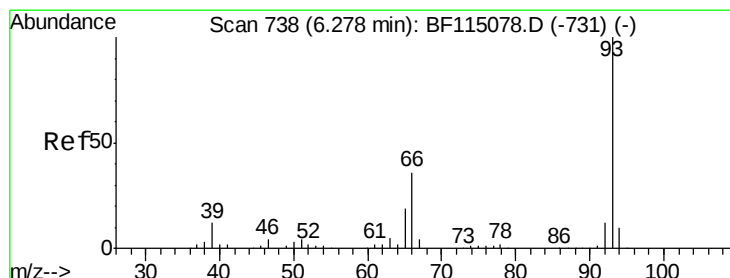
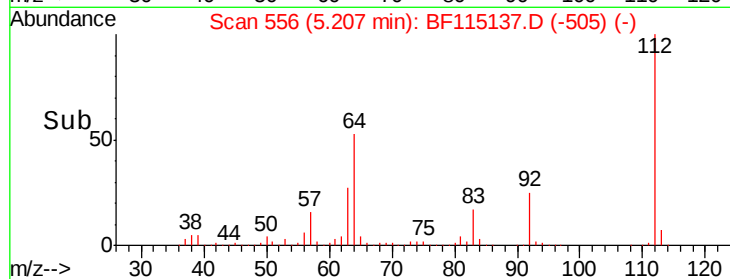
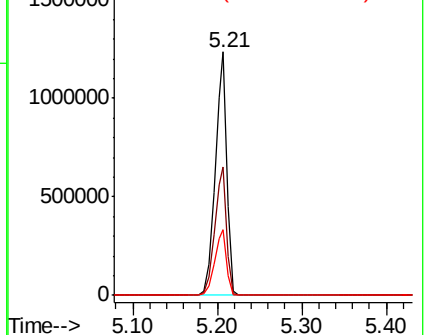
63 27.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.790 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

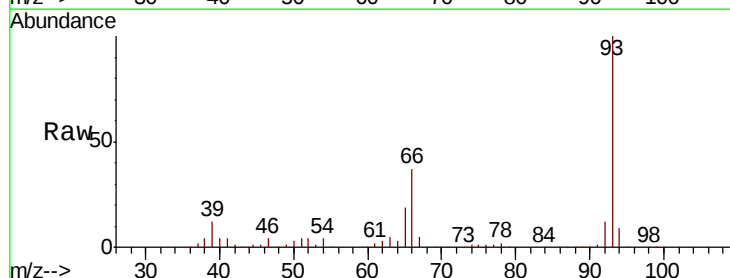
Tgt Ion: 93 Resp: 979053

Ion Ratio Lower Upper

93 100

66 37.3 30.0 45.0

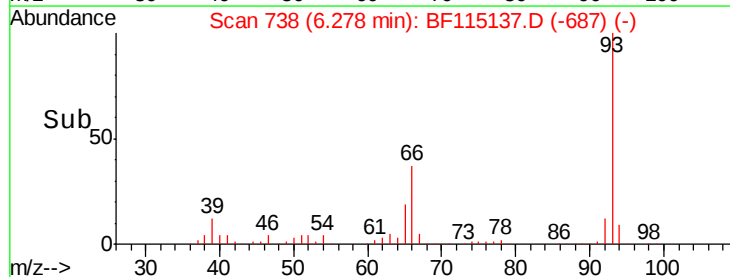
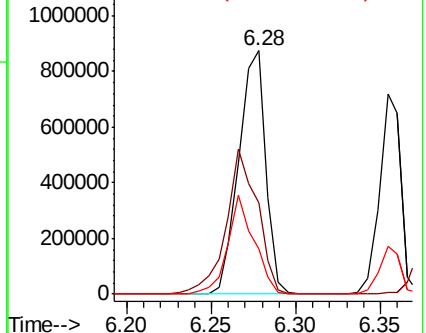
65 18.8 15.6 23.4

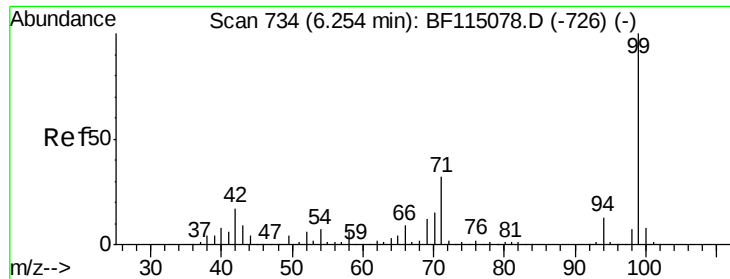


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.893 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

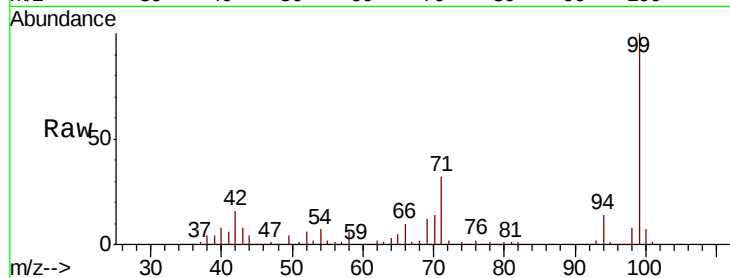
Tot Ion: 99 Resp: 1448228

Ion Ratio Lower Upper

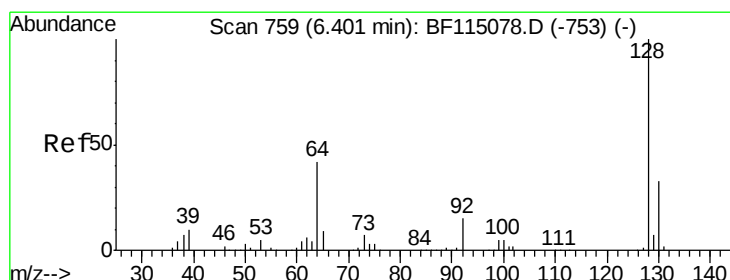
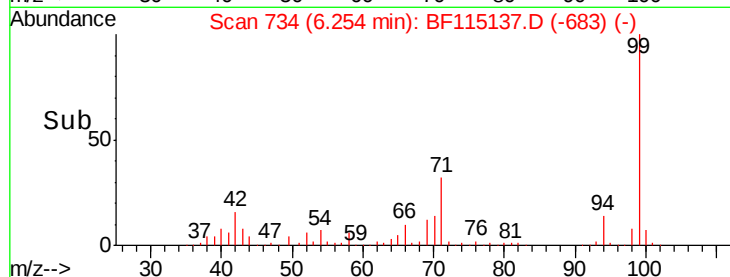
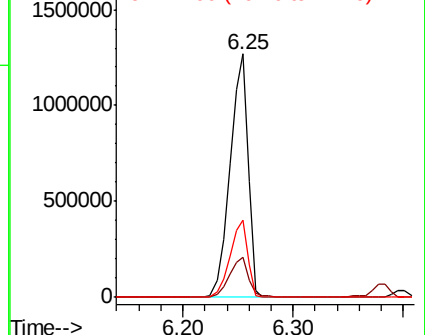
99 100

42 16.5 13.6 20.4

71 32.0 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.411 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

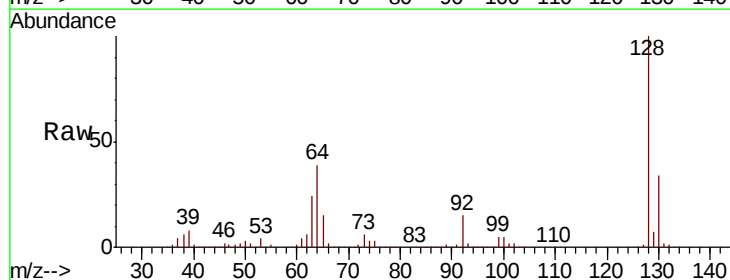
Tgt Ion:128 Resp: 686833

Ion Ratio Lower Upper

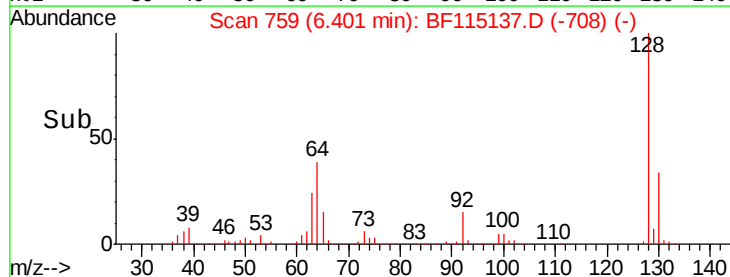
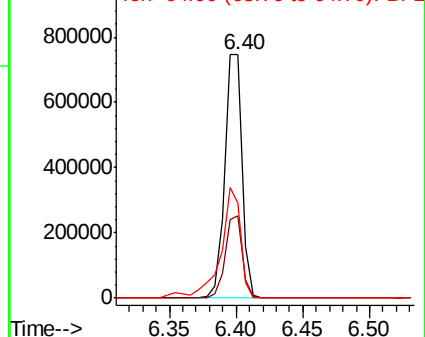
128 100

130 33.8 12.9 52.9

64 39.1 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.252 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

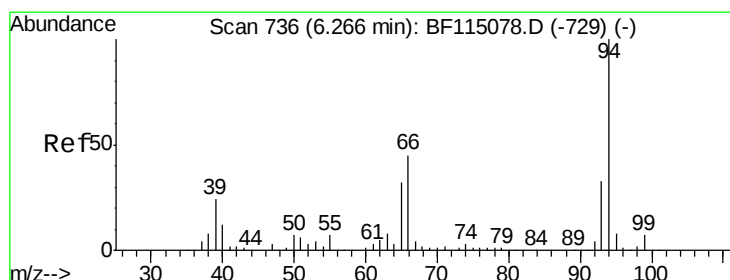
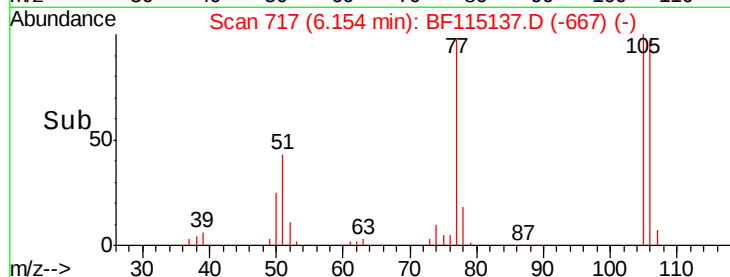
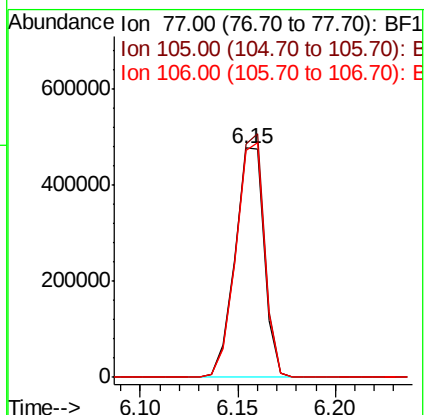
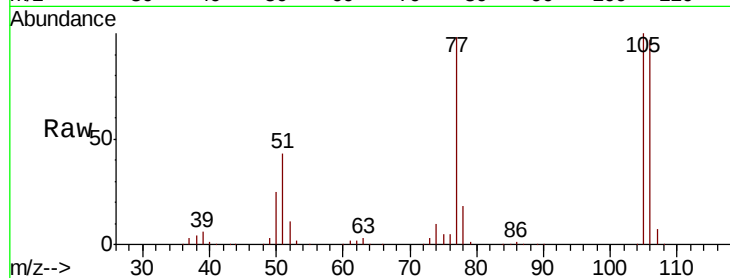
Tot Ion: 77 Resp: 493502

Ion Ratio Lower Upper

77 100

105 102.0 81.5 121.5

106 98.8 79.7 119.7



#10

Phenol

Concen: 39.680 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

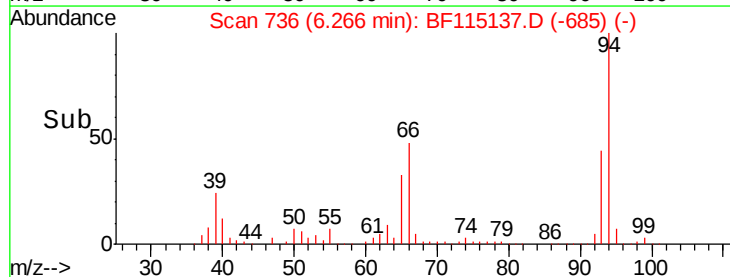
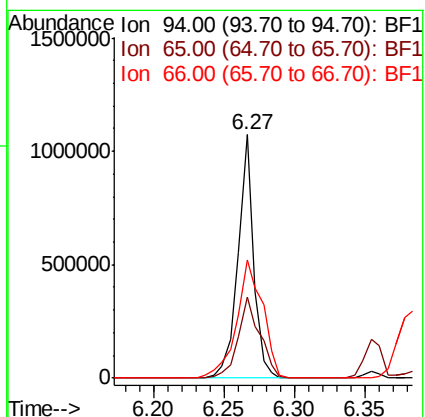
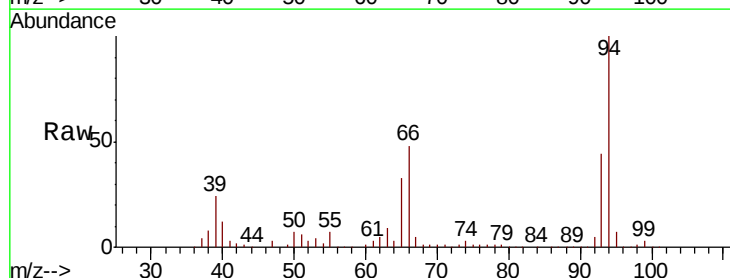
Tgt Ion: 94 Resp: 832124

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 48.4 25.2 65.2

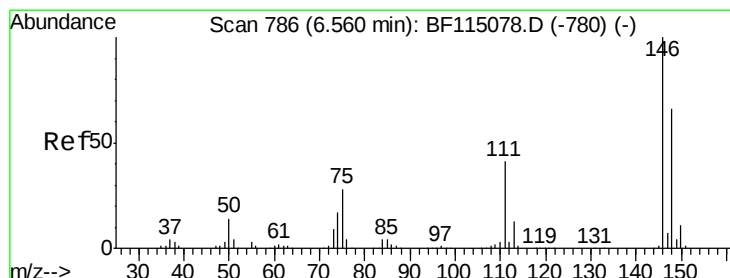
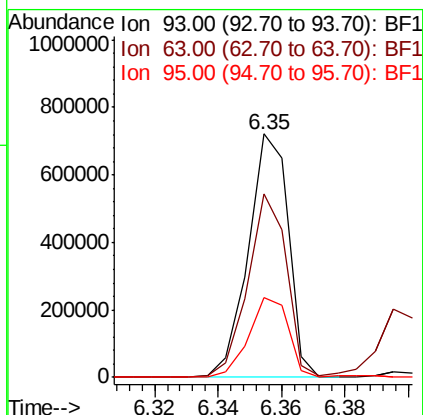
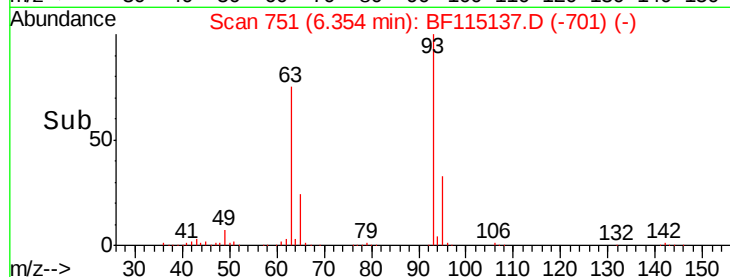
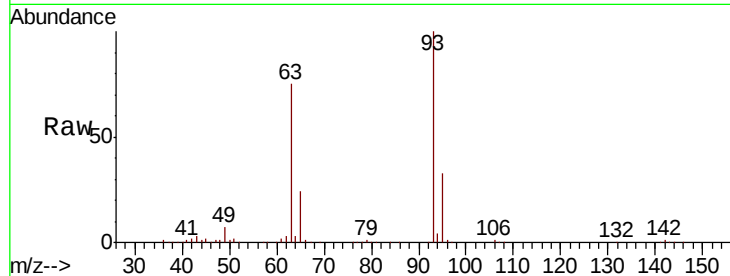




#11
bis(2-Chloroethyl)ether
Concen: 40.856 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

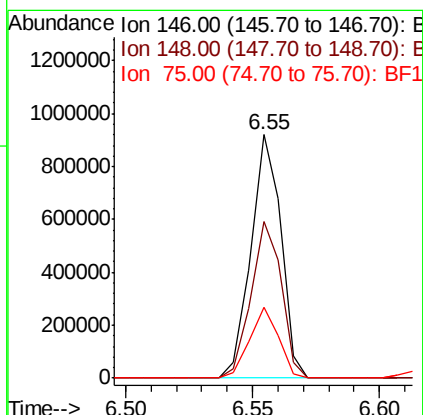
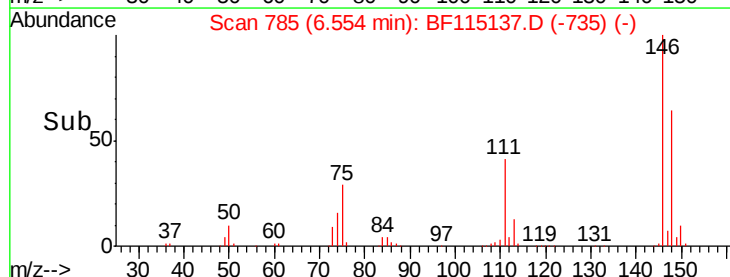
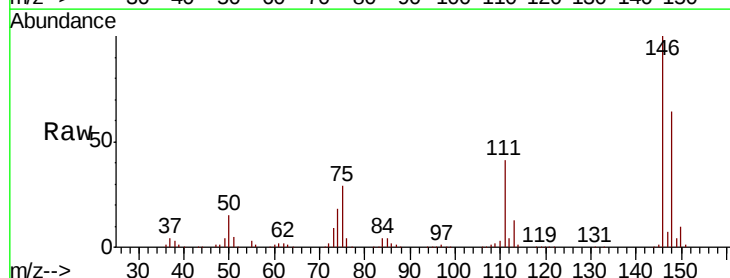
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

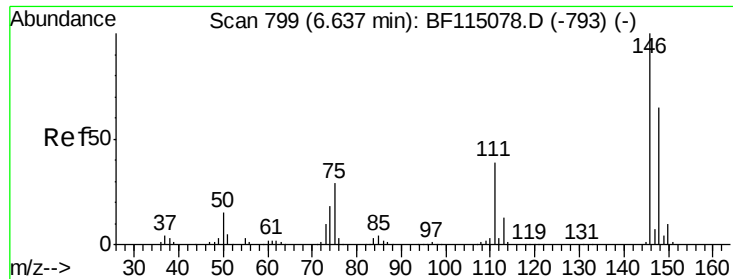
Tot Ion: 93 Resp: 631582
Ion Ratio Lower Upper
93 100
63 75.1 51.5 91.5
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.366 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion: 146 Resp: 761424
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
75 29.3 22.6 34.0

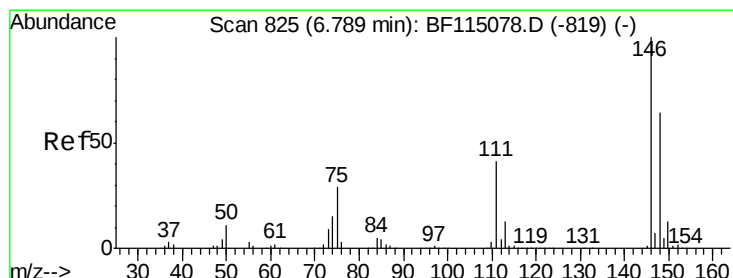
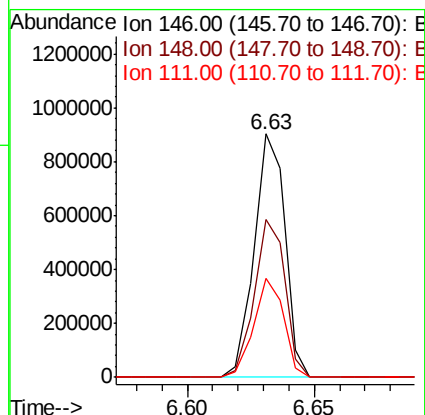
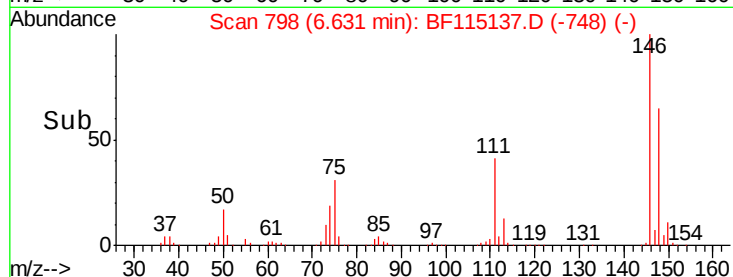
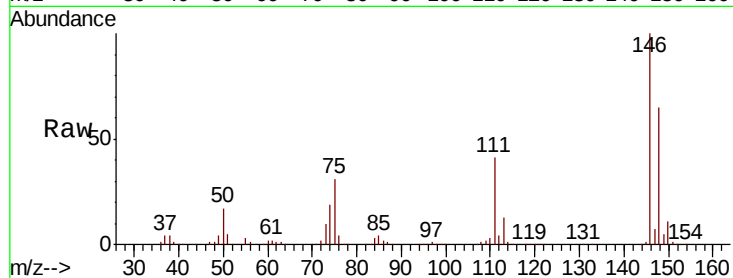




#13
 1,4-Dichlorobenzene
 Concen: 41.550 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

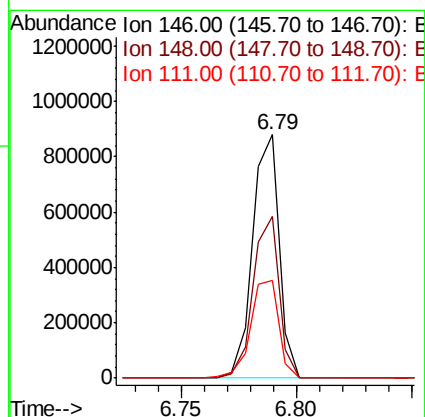
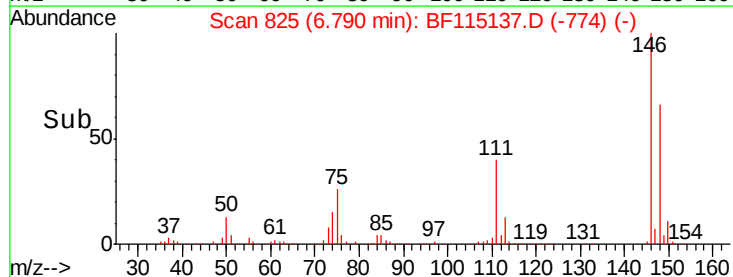
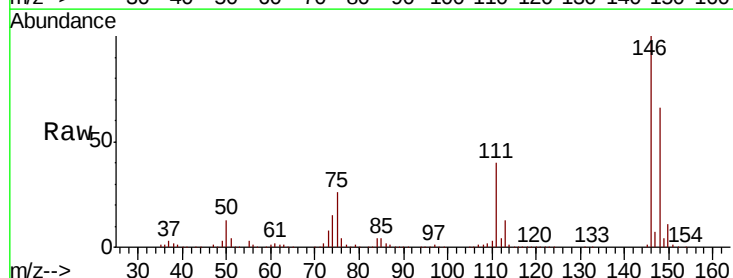
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

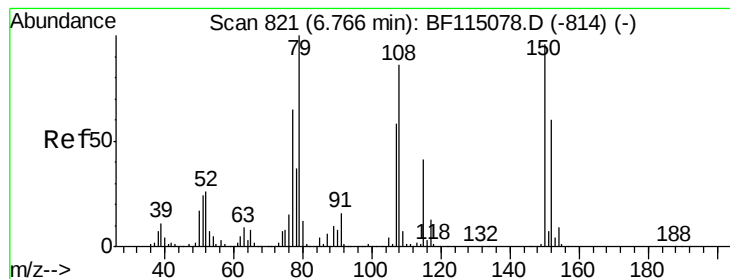
Tot Ion:146 Resp: 766941
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 40.6 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.595 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion:146 Resp: 711008
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.1 76.7
 111 40.1 33.2 49.8





#15

Benzyl Alcohol

Concen: 40.922 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

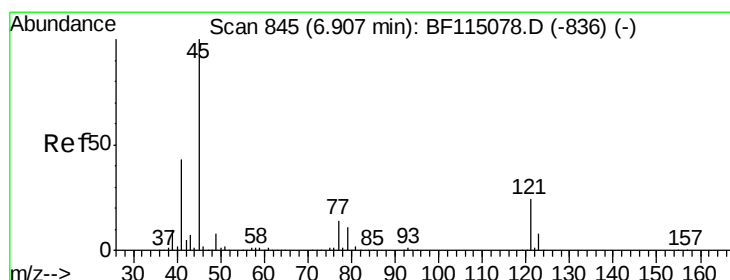
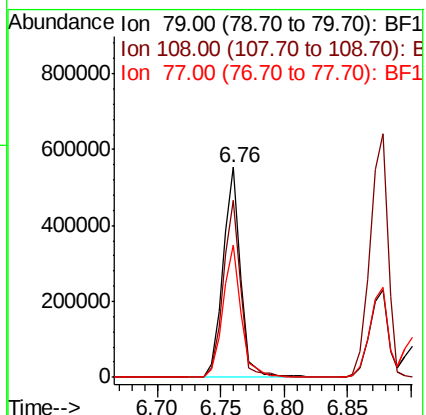
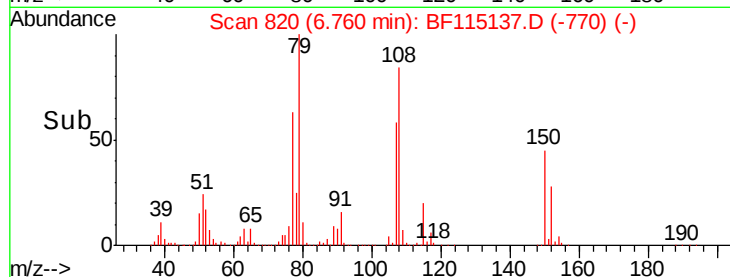
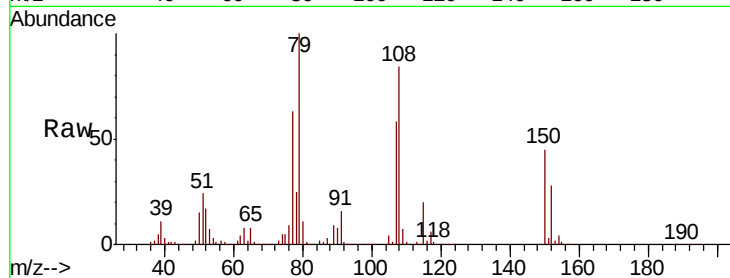
Tot Ion: 79 Resp: 533474

Ion Ratio Lower Upper

79 100

108 84.2 68.7 103.1

77 63.2 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.204 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

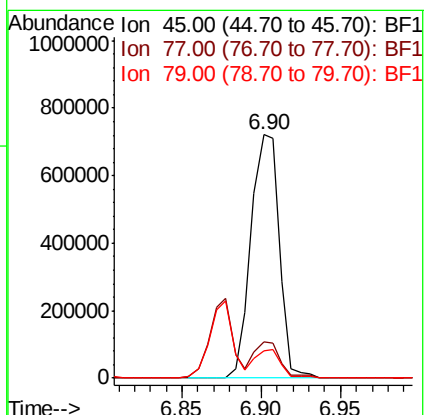
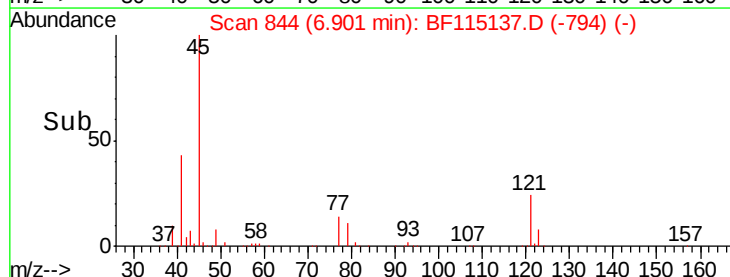
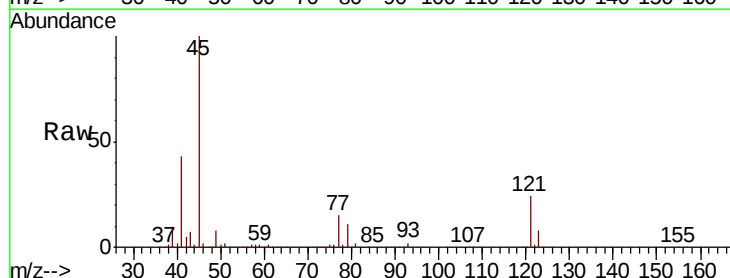
Tgt Ion: 45 Resp: 901419

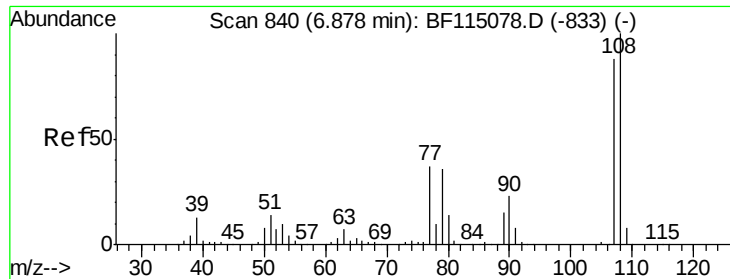
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.6

79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 39.576 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 541802

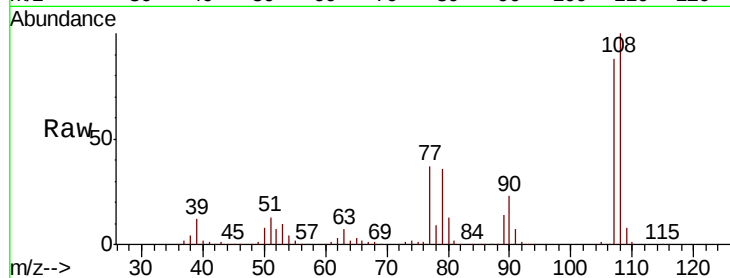
Ion Ratio Lower Upper

107 100

108 113.4 90.9 136.3

77 41.9 33.4 50.2

79 40.5 32.3 48.5

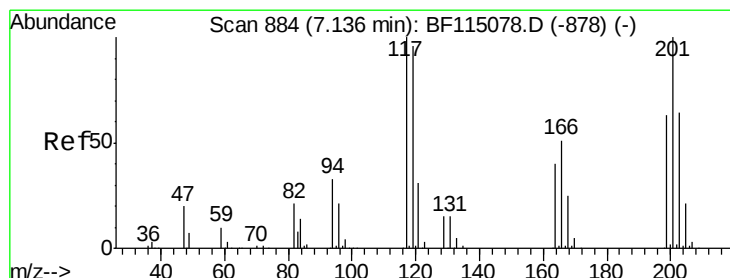
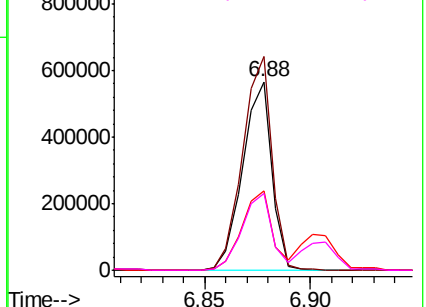
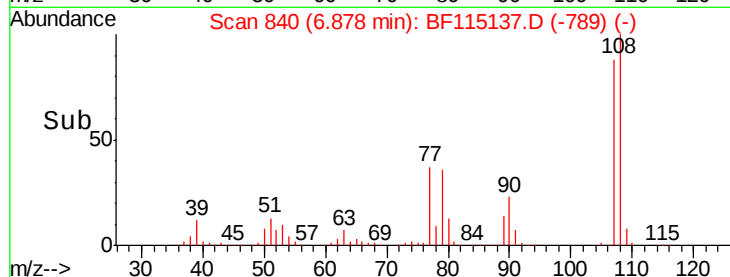


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.846 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

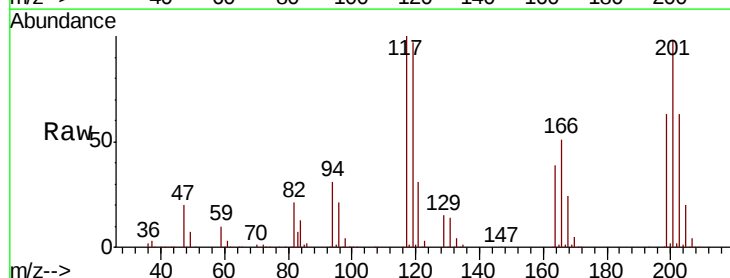
Tgt Ion:117 Resp: 245187

Ion Ratio Lower Upper

117 100

119 97.1 76.6 114.8

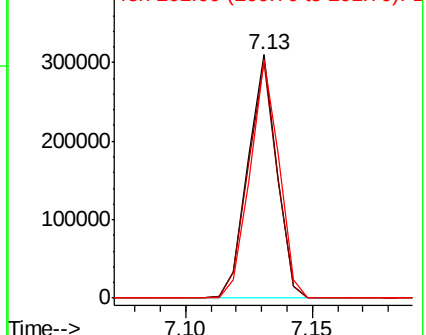
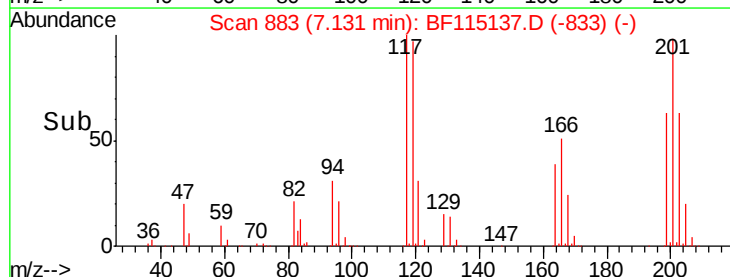
201 97.7 80.2 120.2

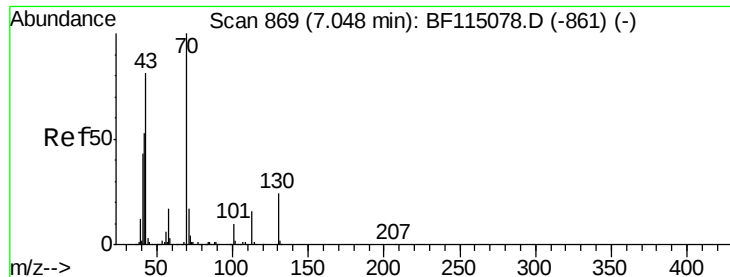


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

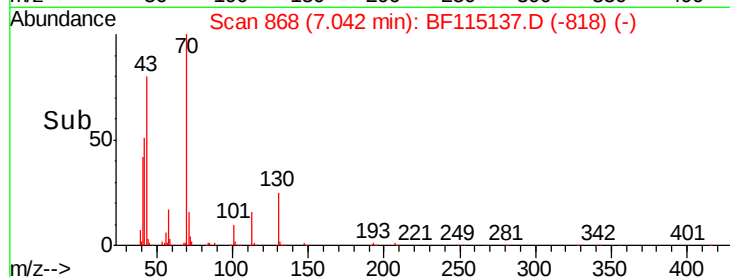
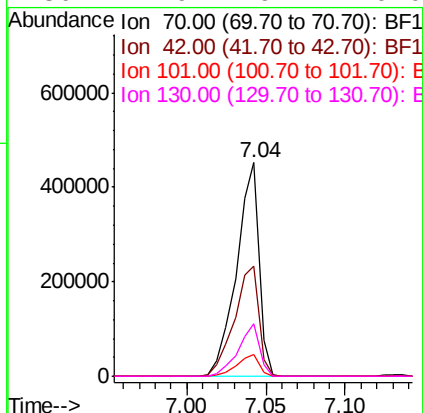
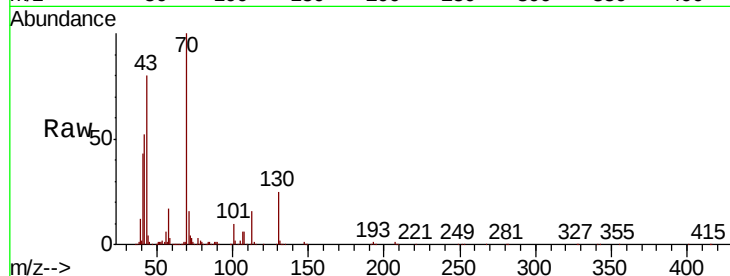




#19
n-Nitroso-di-n-propylamine
Concen: 38.767 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

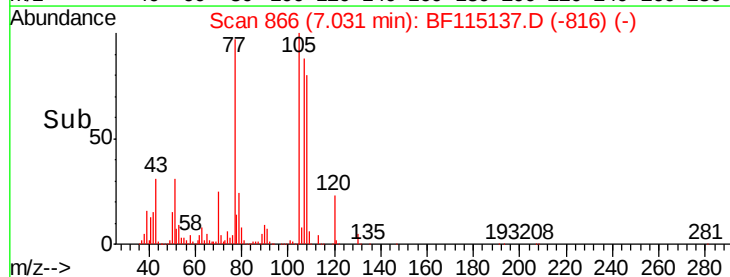
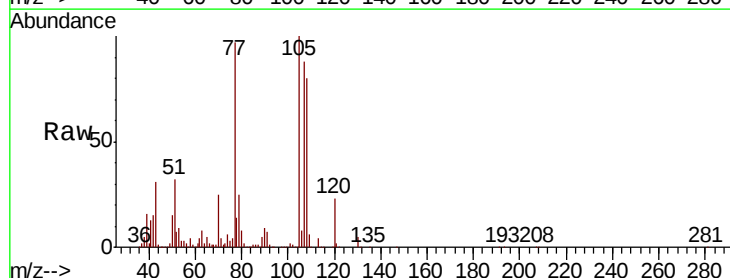
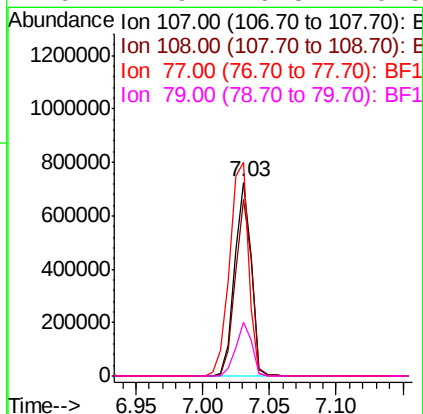
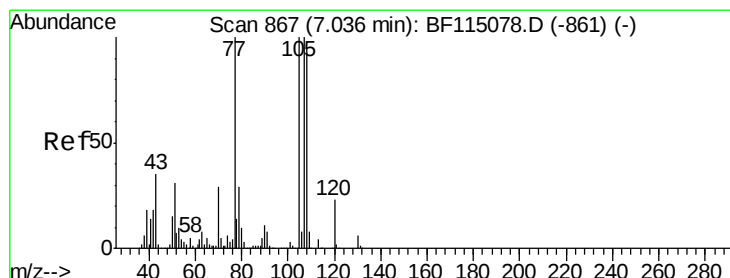
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	444340
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.6	63.8
101	10.1	8.0	12.0
130	24.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 40.168 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:	107	Resp:	634970
Ion	Ratio	Lower	Upper
107	100		
108	91.4	75.5	115.5
77	110.2	80.2	120.2
79	27.9	9.5	49.5

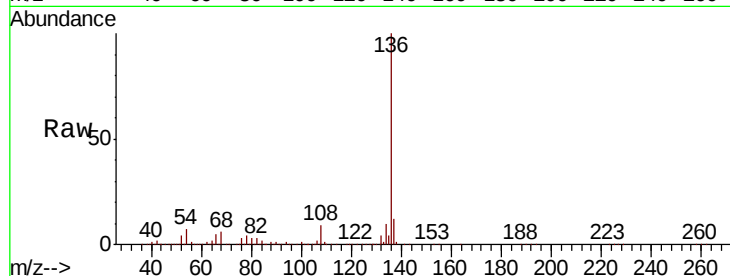




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	909908
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 7.3	5.6	8.4
68 6.1	4.8	7.2



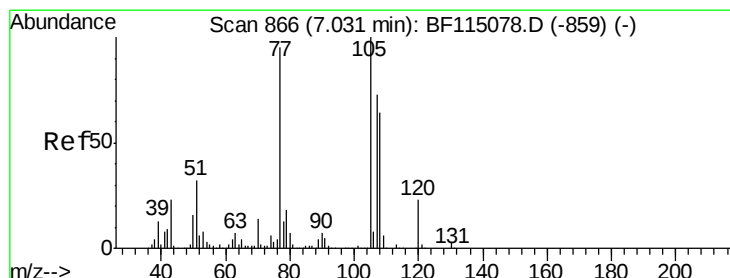
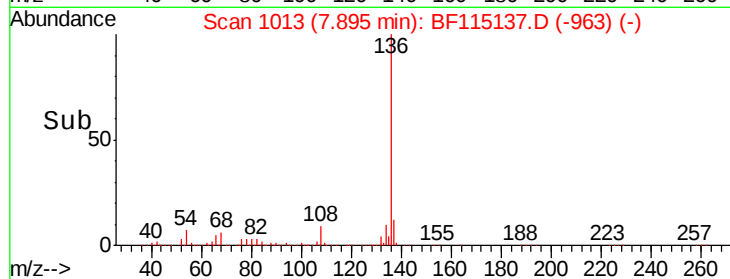
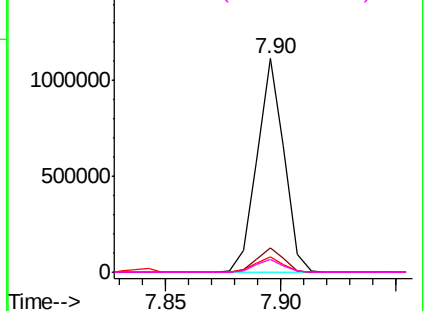
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

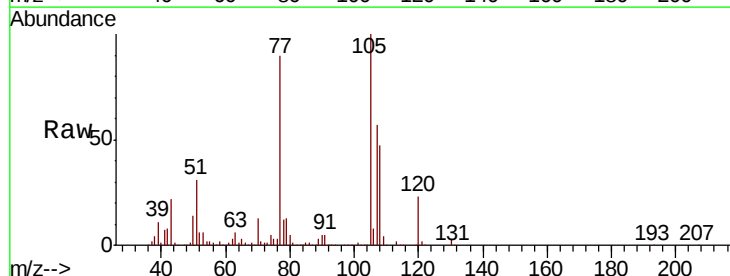
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.636 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:105	Resp:	846481
Ion Ratio	Lower	Upper
105 100		
71 2.1	1.9	2.9
51 30.5	25.8	38.8
120 23.5	18.5	27.7



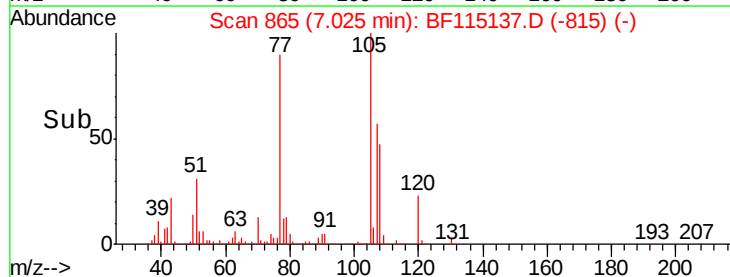
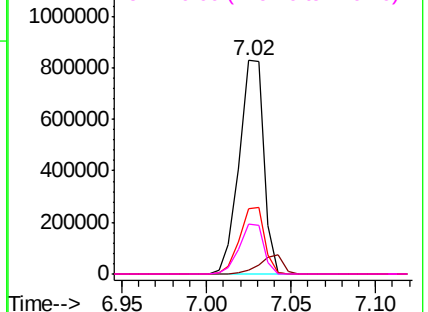
Abundance

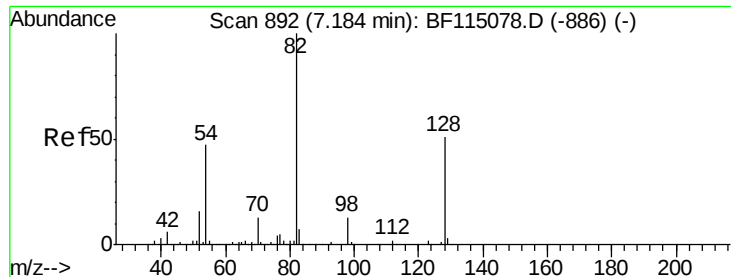
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

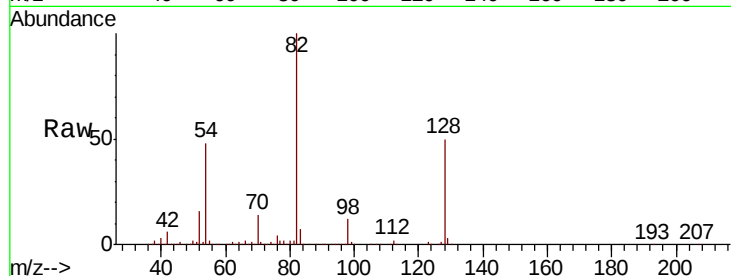




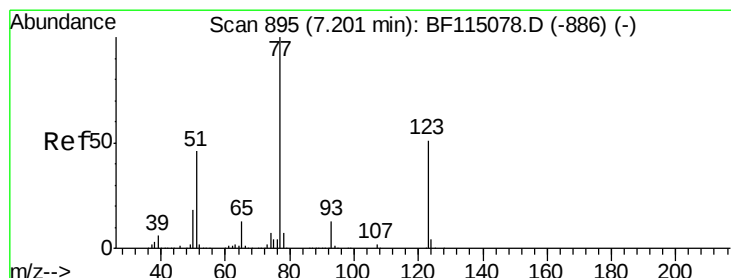
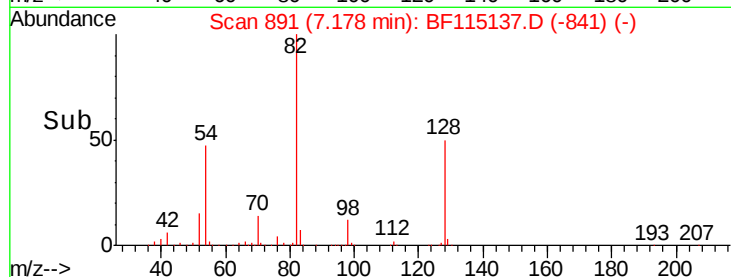
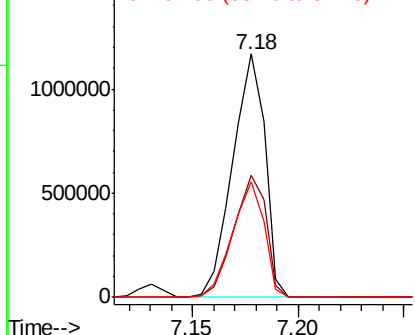
#23
Nitrobenzene-d5
Concen: 83.845 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1240203
Ion Ratio Lower Upper
82 100
128 49.9 40.4 60.6
54 47.5 37.5 56.3

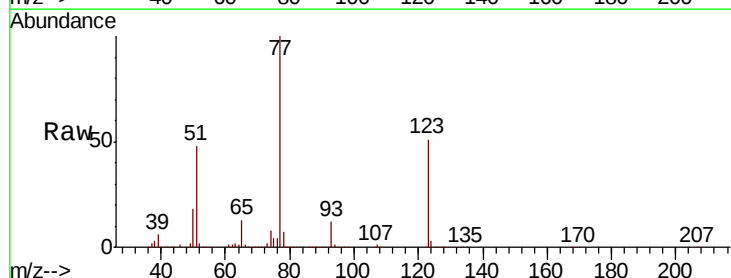


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

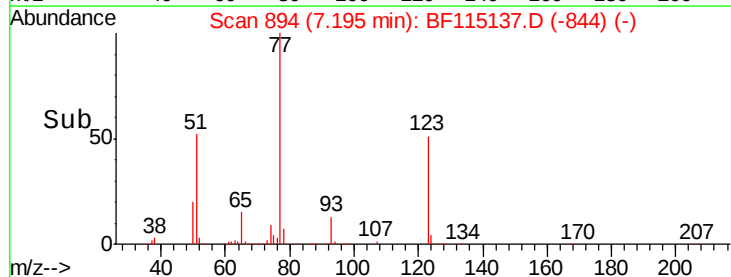
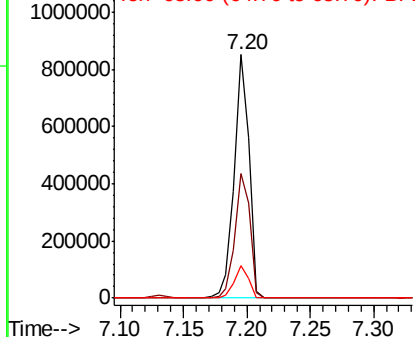


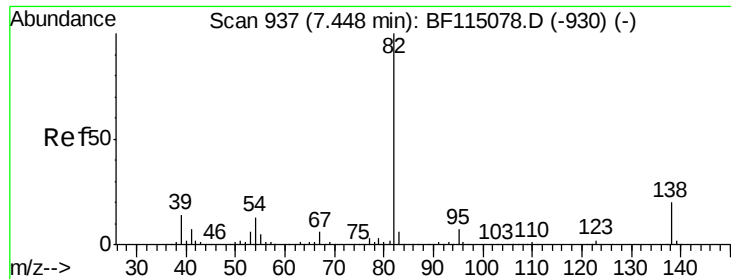
#24
Nitrobenzene
Concen: 41.708 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion: 77 Resp: 679661
Ion Ratio Lower Upper
77 100
123 51.1 41.0 61.6
65 13.4 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: 39.595 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

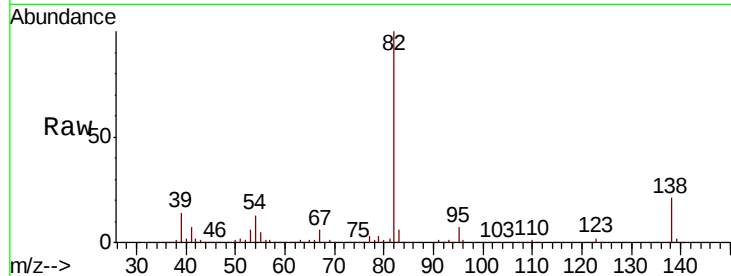
Tot Ion: 82 Resp: 1199765

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

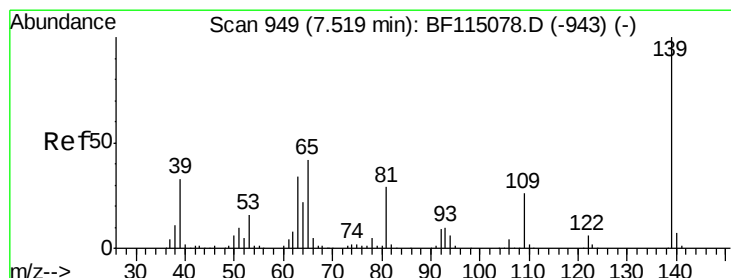
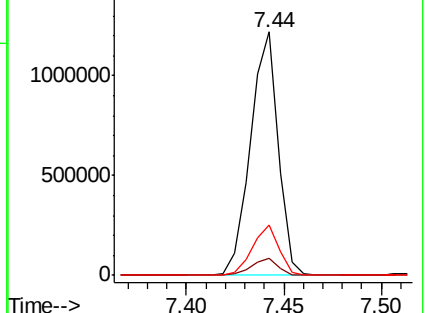
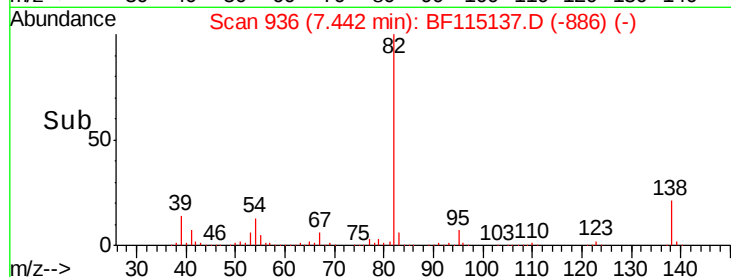
138 20.5 15.9 23.9



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: 41.419 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

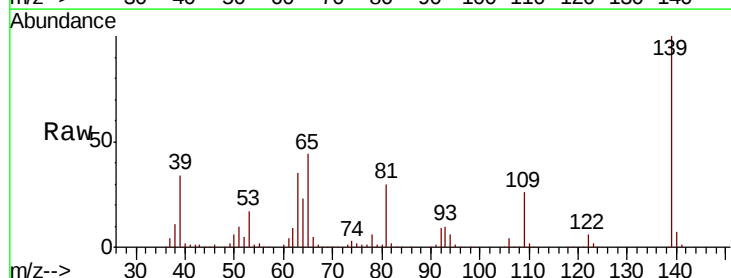
Tgt Ion: 139 Resp: 333319

Ion Ratio Lower Upper

139 100

109 25.7 20.4 30.6

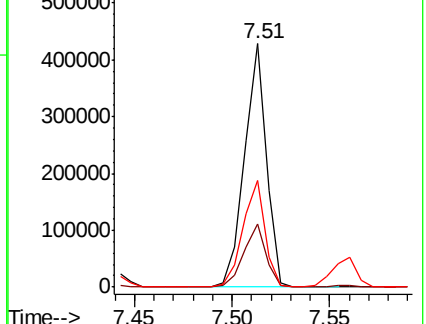
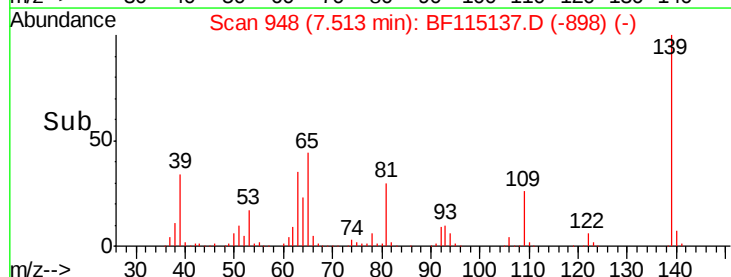
65 43.5 33.6 50.4

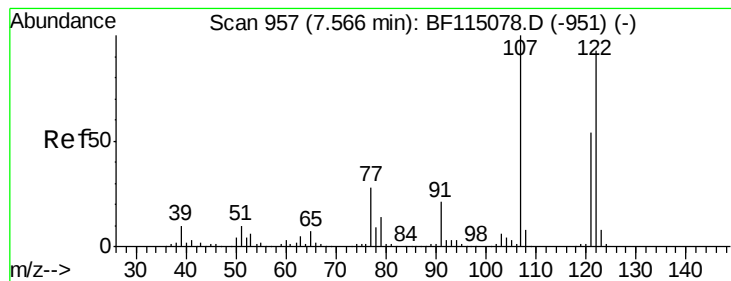


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.627 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

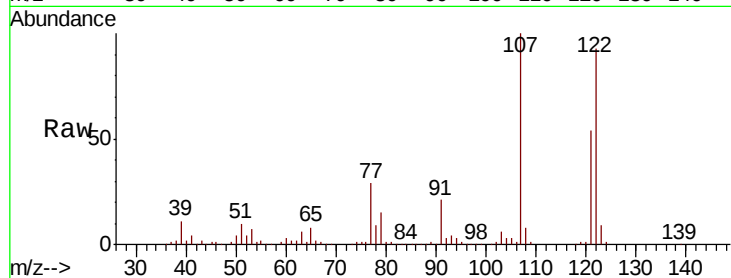
Tot Ion:122 Resp: 535300

Ion Ratio Lower Upper

122 100

107 107.9 85.8 128.6

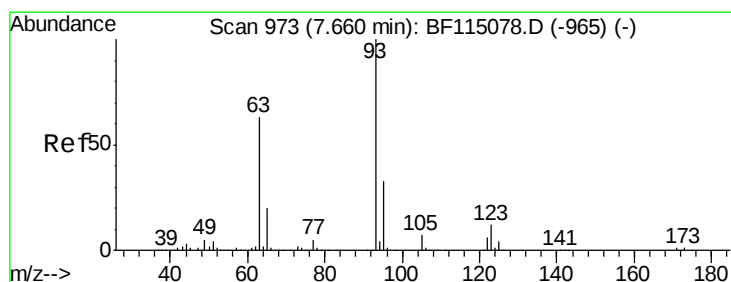
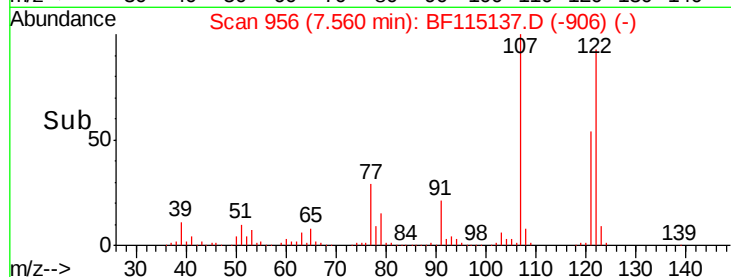
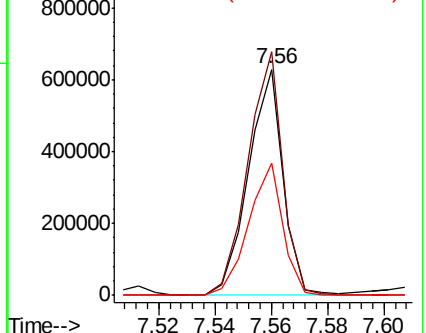
121 58.6 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.356 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

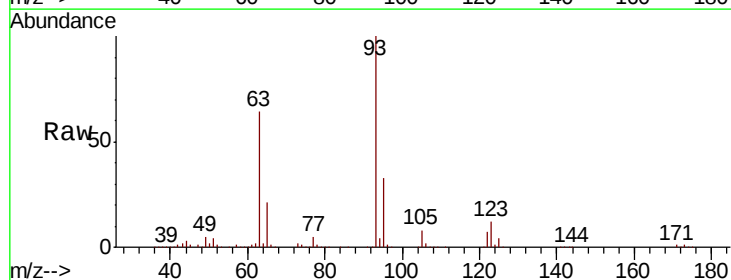
Tgt Ion: 93 Resp: 792034

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

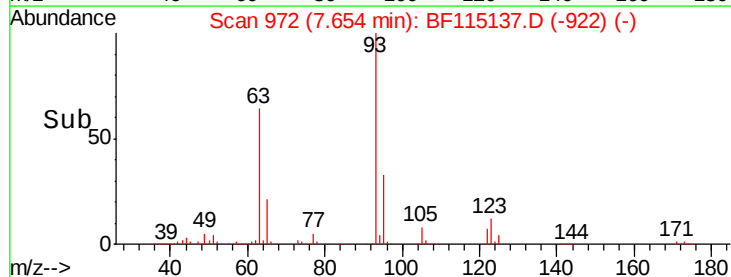
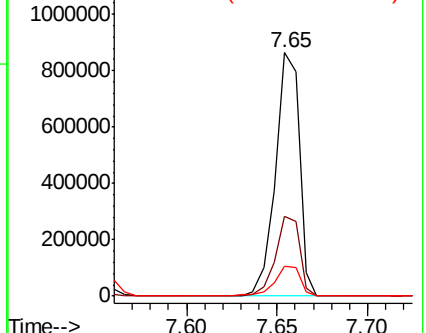
123 12.3 9.7 14.5

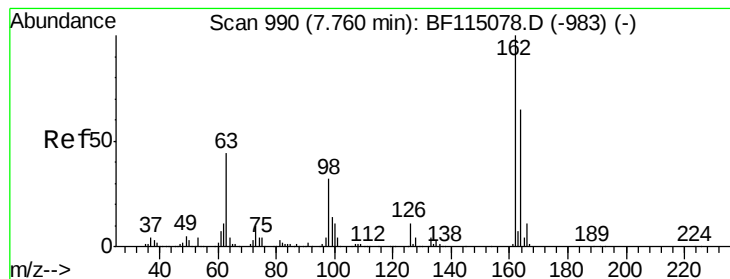


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.940 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

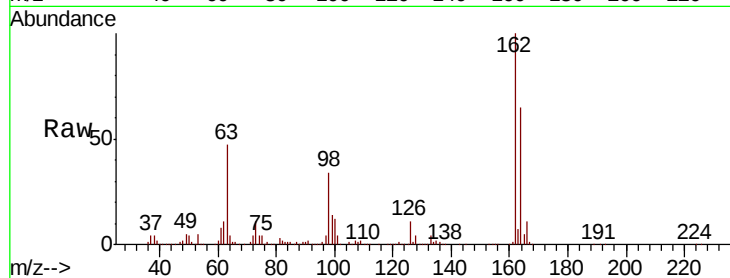
Tot Ion:162 Resp: 556688

Ion Ratio Lower Upper

162 100

164 65.4 45.3 85.3

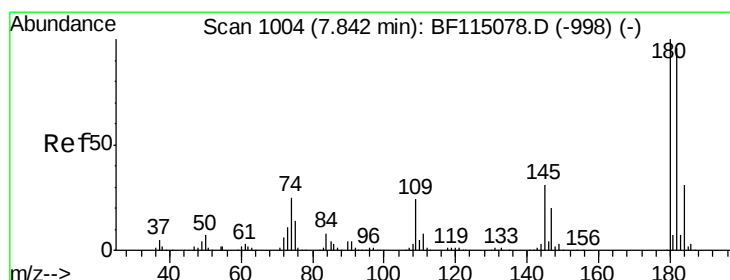
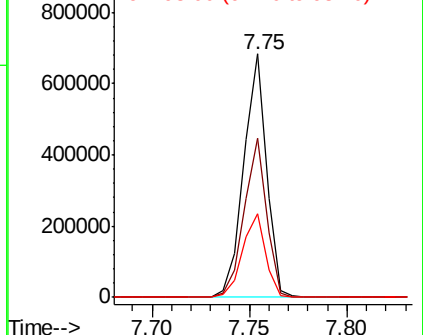
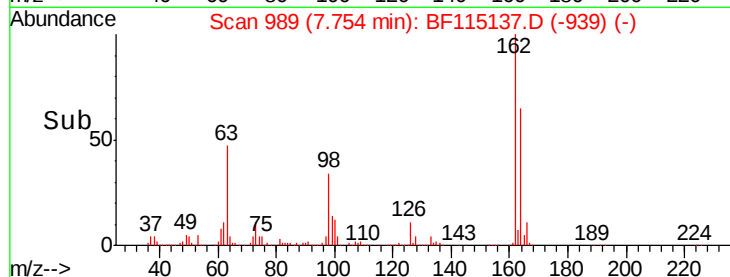
98 34.1 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.919 ng

RT: 7.84 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

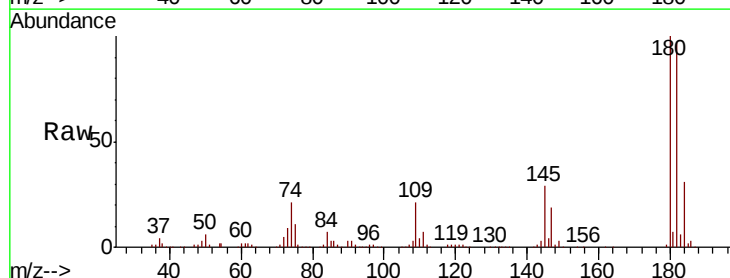
Tgt Ion:180 Resp: 629610

Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

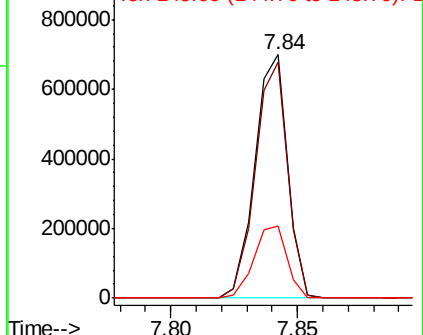
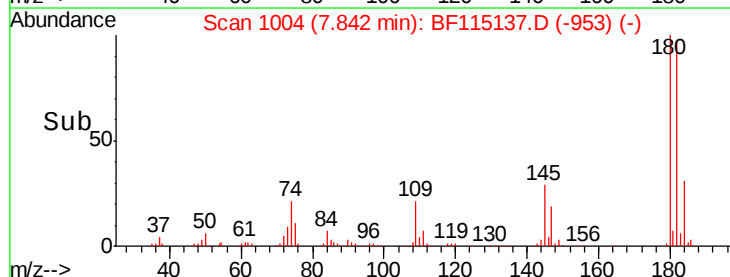
145 29.4 24.8 37.2

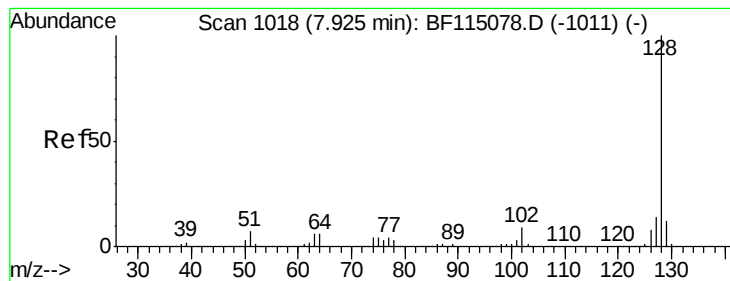


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.142 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

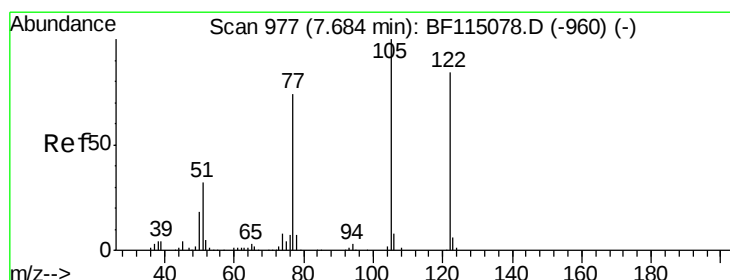
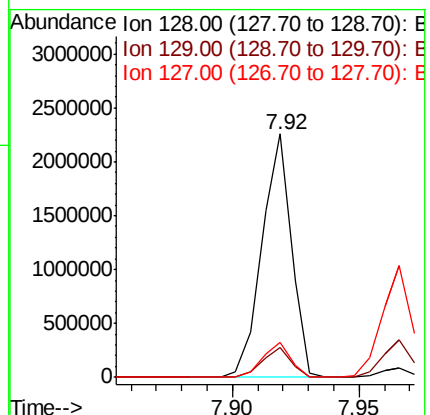
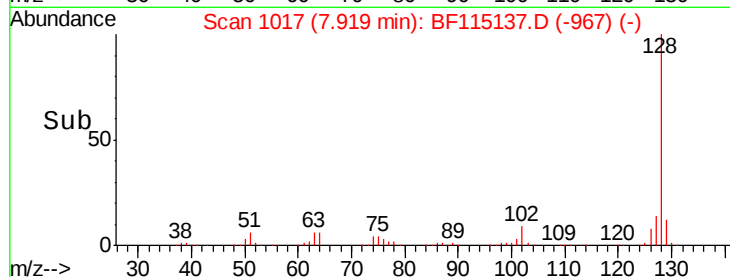
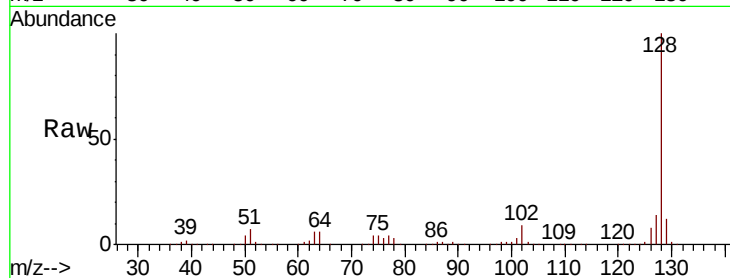
Tot Ion:128 Resp: 1837632

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

127 14.2 11.4 17.0



#32

Benzoic acid

Concen: 7.056 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

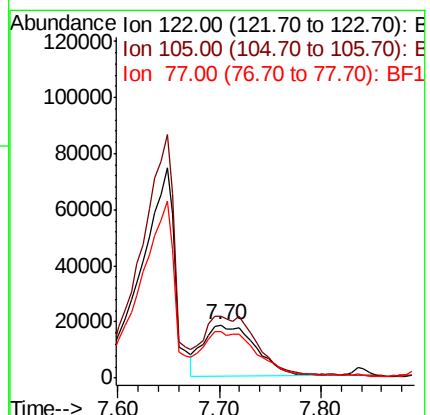
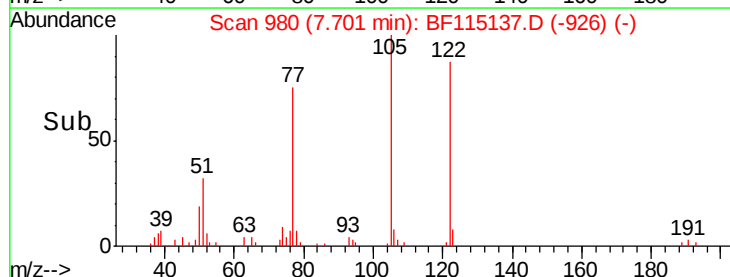
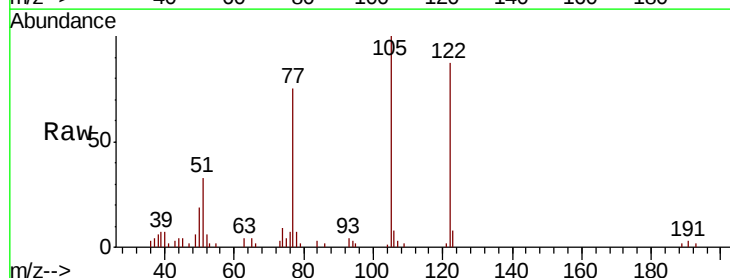
Tgt Ion:122 Resp: 66367

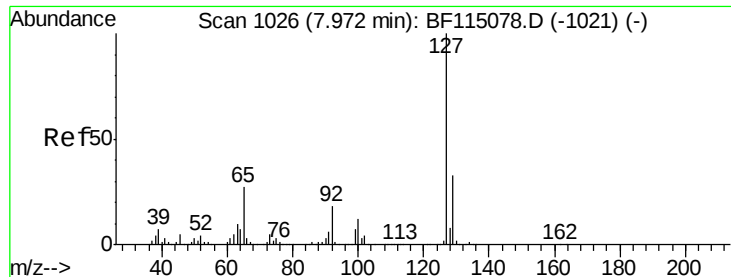
Ion Ratio Lower Upper

122 100

105 114.8 98.2 138.2

77 86.4 67.0 107.0

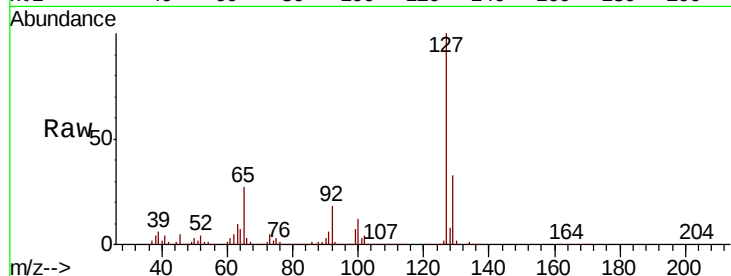




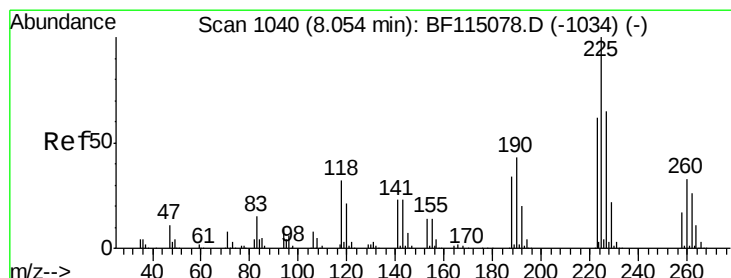
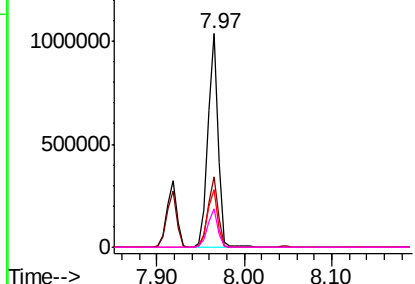
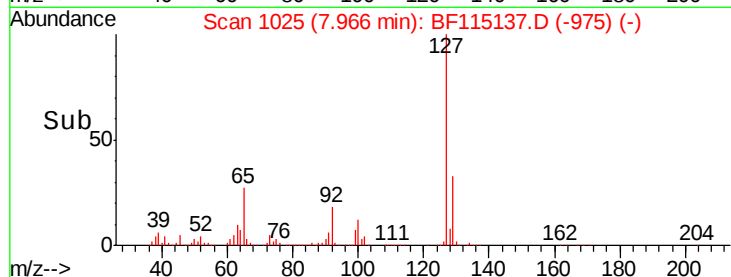
#33
4-Chloroaniline
Concen: 40.936 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	835627
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	26.8	21.4	32.2
92	18.0	14.1	21.1

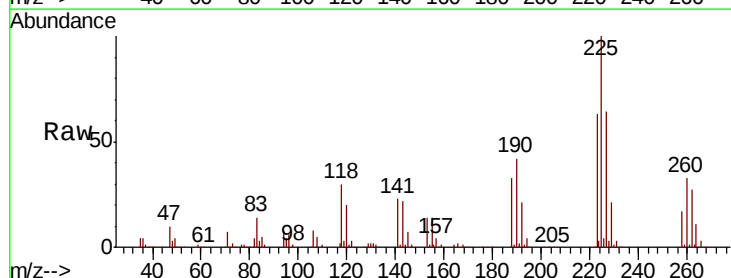


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

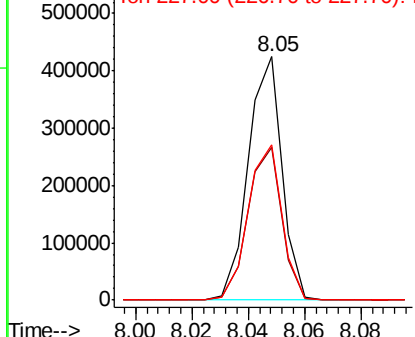
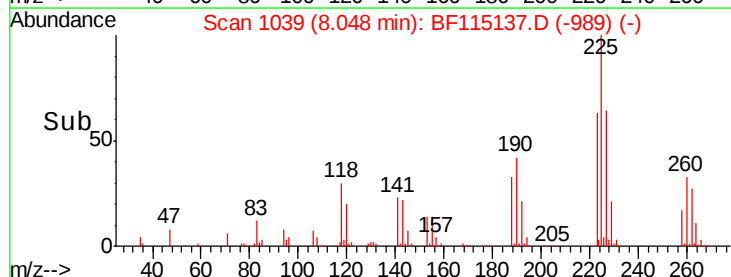


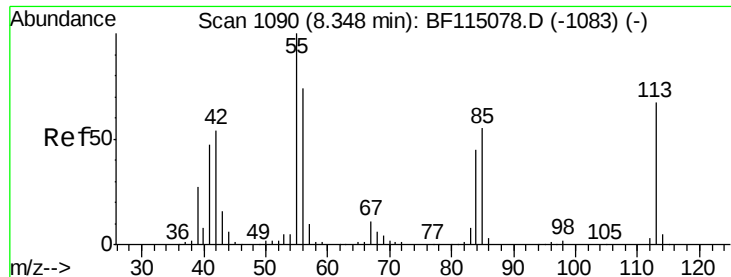
#34
Hexachlorobutadiene
Concen: 42.564 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:	225	Resp:	350334
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	64.0	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

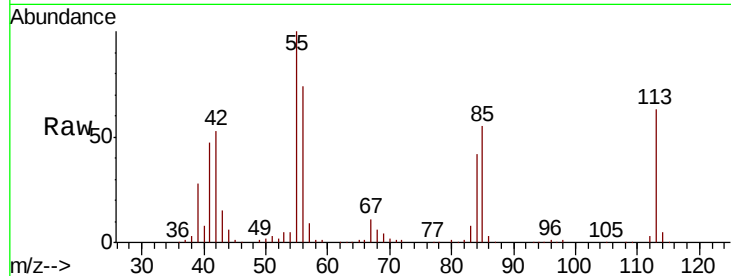




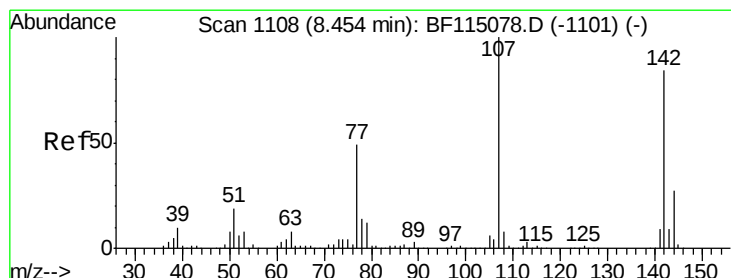
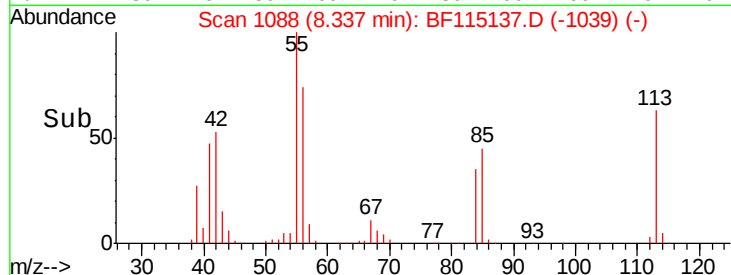
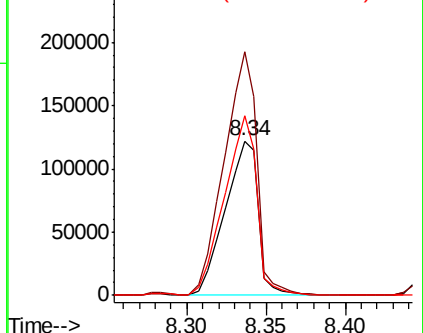
#35
 Caprolactam
 Concen: 38.517 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 176085
 Ion Ratio Lower Upper
 113 100
 55 157.5 130.2 170.2
 56 116.2 91.6 131.6

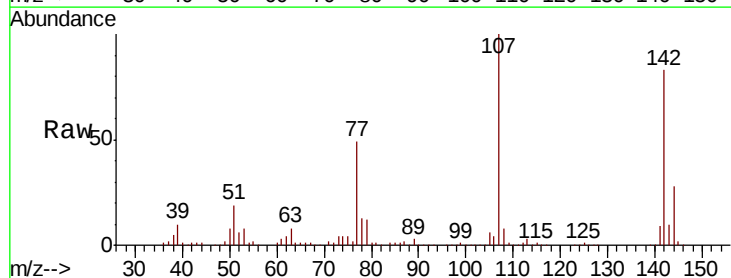


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

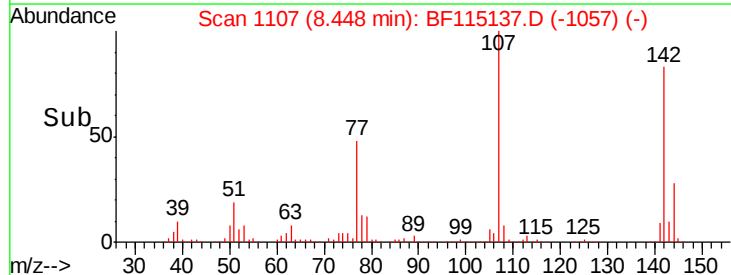
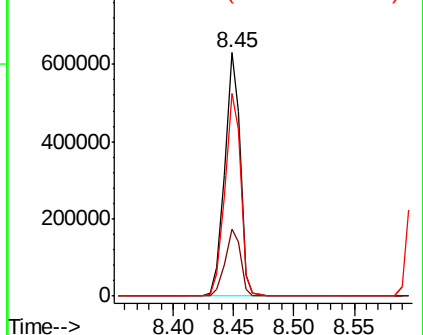


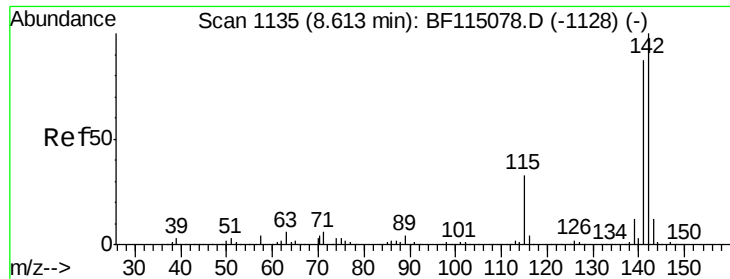
#36
 4-Chloro-3-methylphenol
 Concen: 40.556 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion:107 Resp: 558482
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.7 32.5
 142 83.4 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

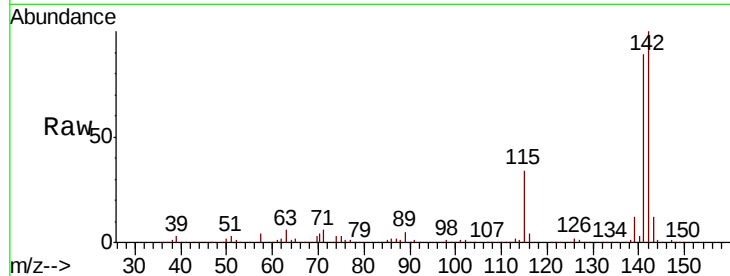




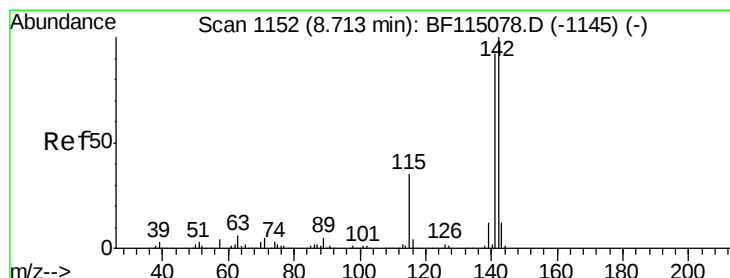
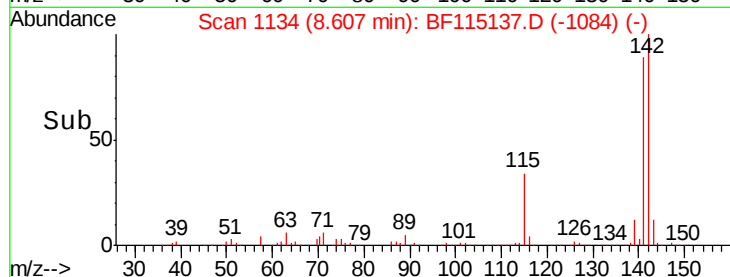
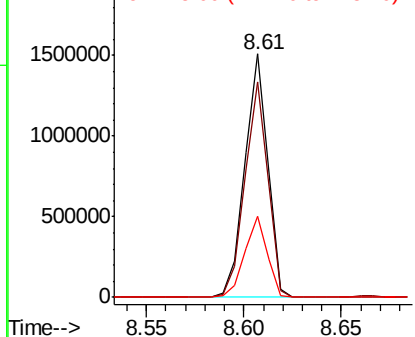
#37
2-Methylnaphthalene
Concen: 40.702 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1225778
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6
115 33.5 26.7 40.1

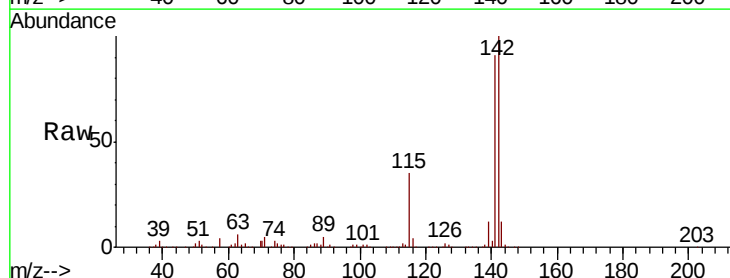


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

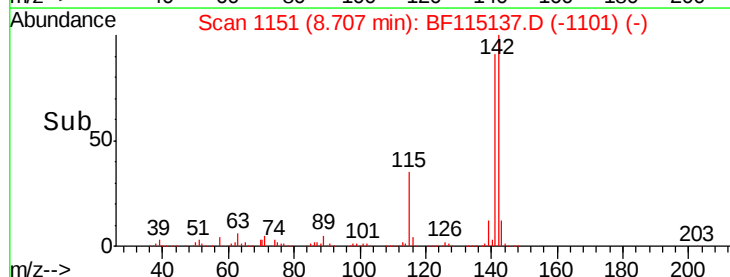
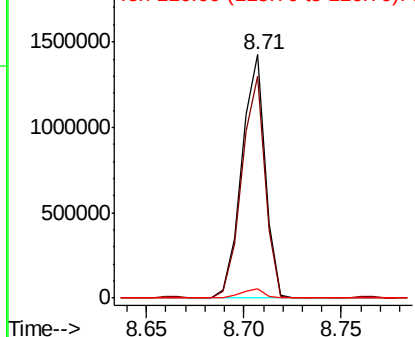


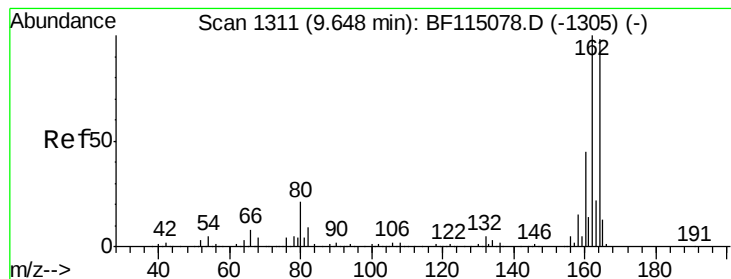
#38
1-Methylnaphthalene
Concen: 40.982 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:142 Resp: 1178755
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.8
116 3.6 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: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

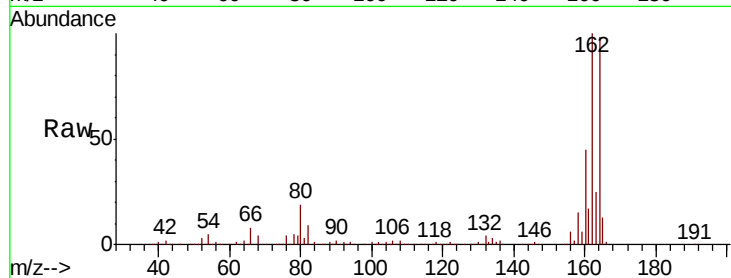
Tot Ion:164 Resp: 434087

Ion Ratio Lower Upper

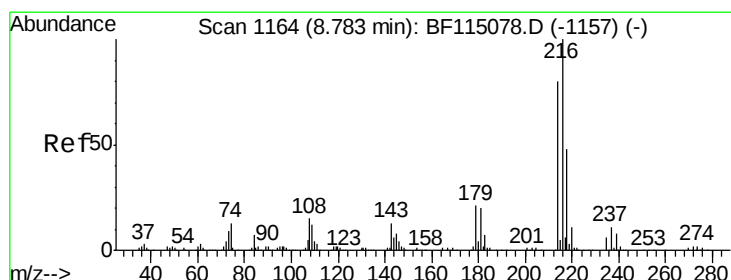
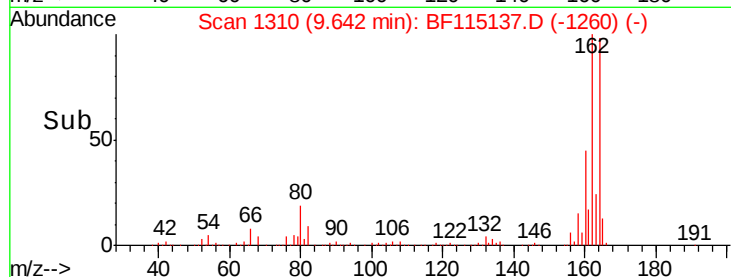
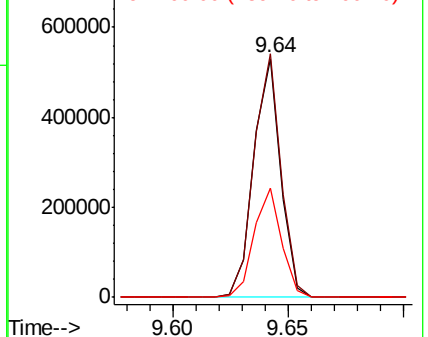
164 100

162 101.9 81.7 122.5

160 45.5 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: 45.278 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Tgt Ion:216 Resp: 555409

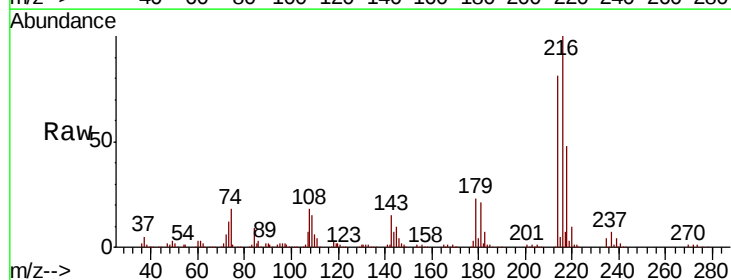
Ion Ratio Lower Upper

216 100

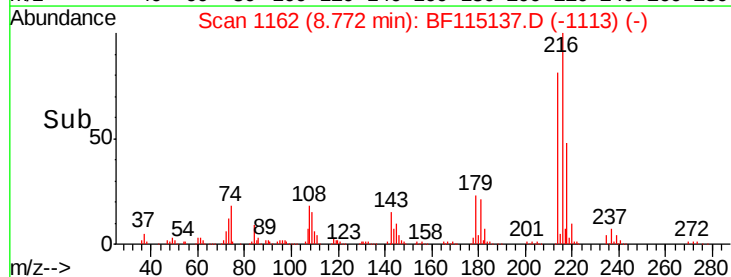
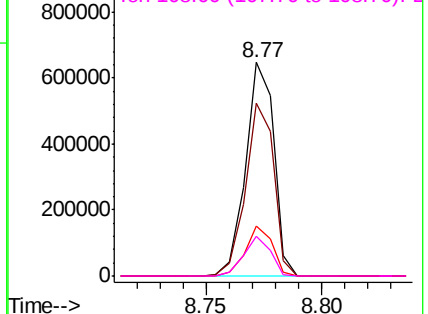
214 80.6 63.8 95.6

179 22.1 17.6 26.4

108 17.6 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: 8.987 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

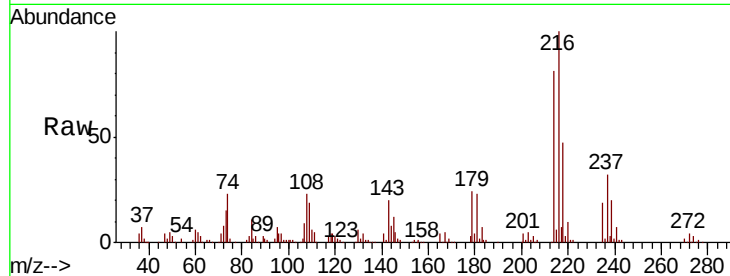
Tot Ion:237 Resp: 65371

Ion Ratio Lower Upper

237 100

235 61.1 43.9 83.9

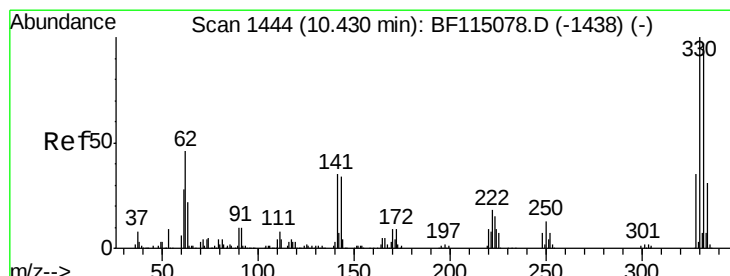
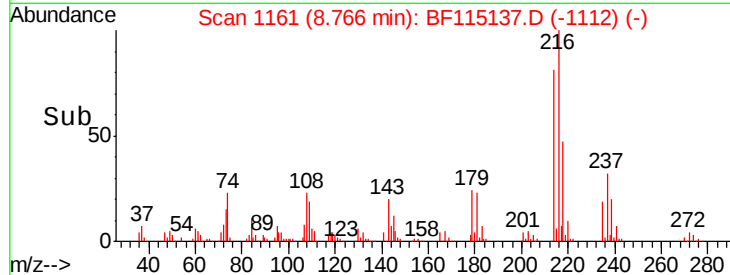
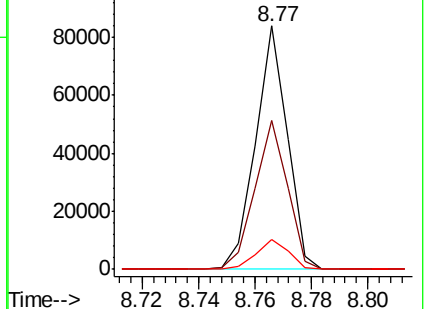
272 12.4 0.0 33.8



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: 77.810 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

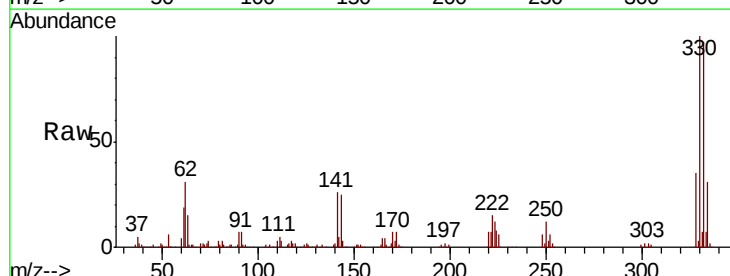
Tgt Ion:330 Resp: 356183

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

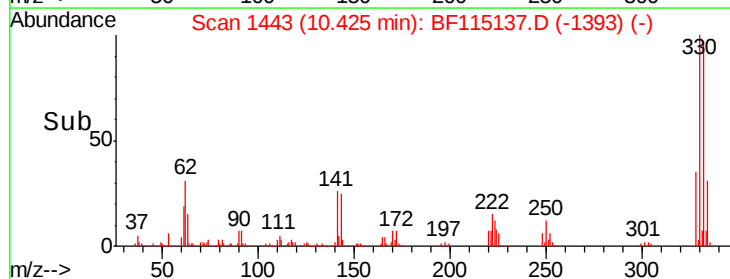
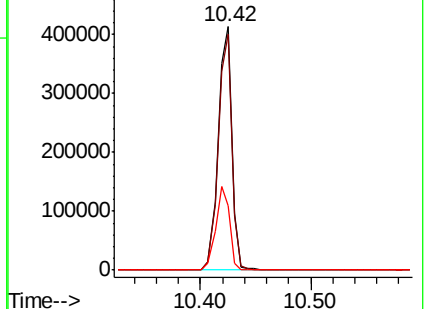
141 34.1 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

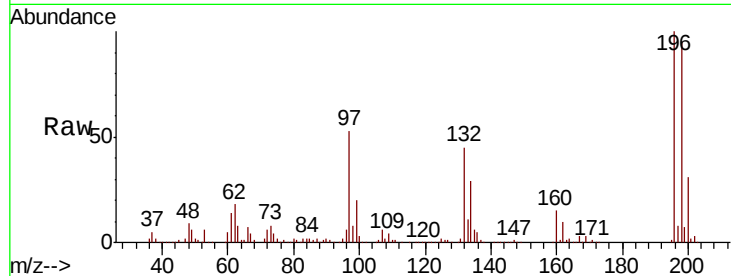




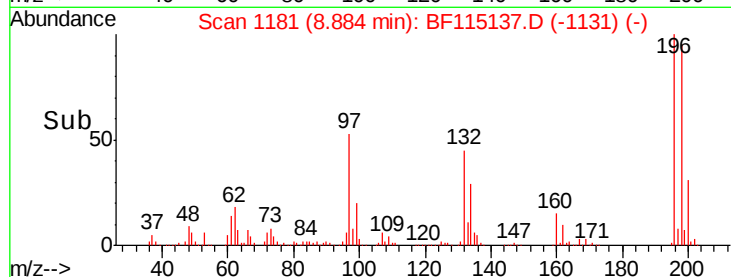
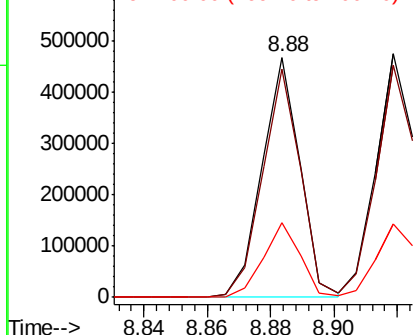
#43
 2,4,6-Trichlorophenol
 Concen: 41.144 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 389644
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 31.3 24.2 36.4

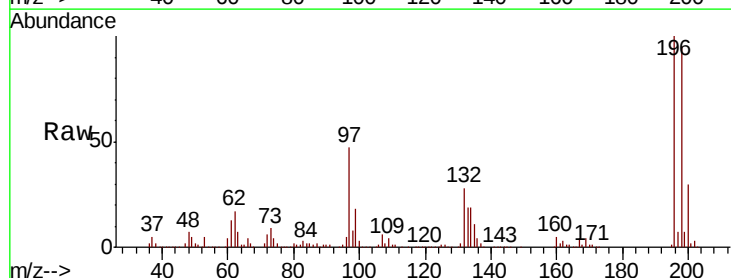


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

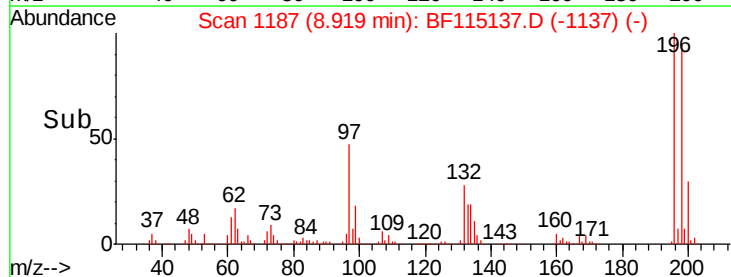
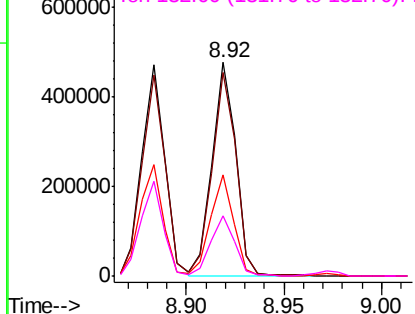


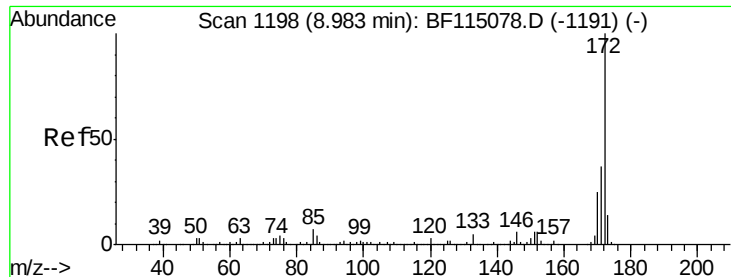
#44
 2,4,5-Trichlorophenol
 Concen: 41.278 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion:196 Resp: 402561
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 97 47.5 37.7 56.5
 132 28.5 23.1 34.7



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

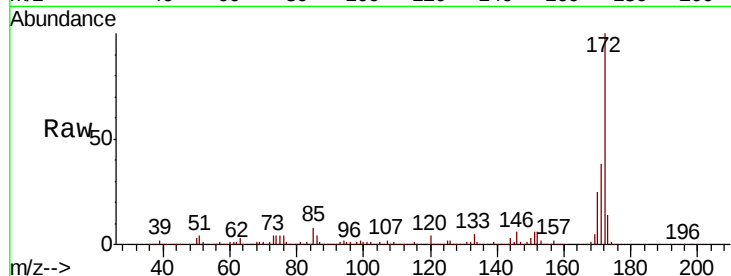




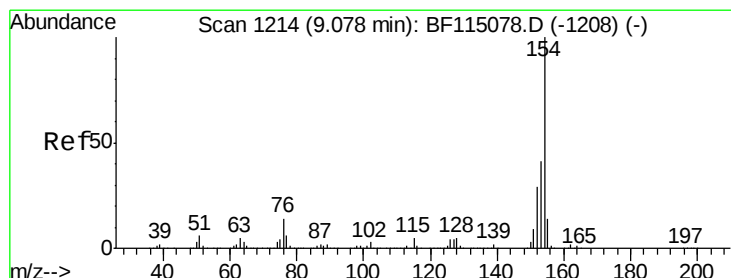
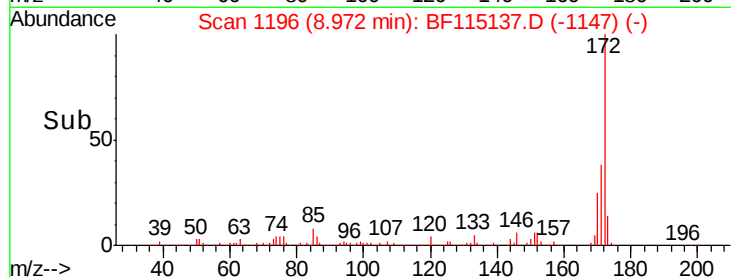
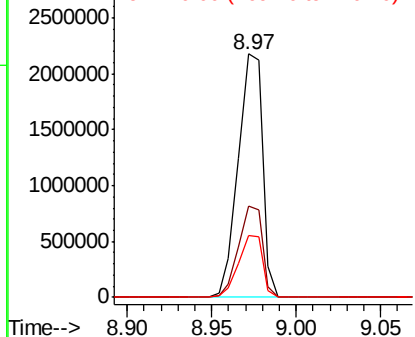
#45
2-Fluorobiphenyl
Concen: 85.859 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2194152
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.4 20.3 30.5

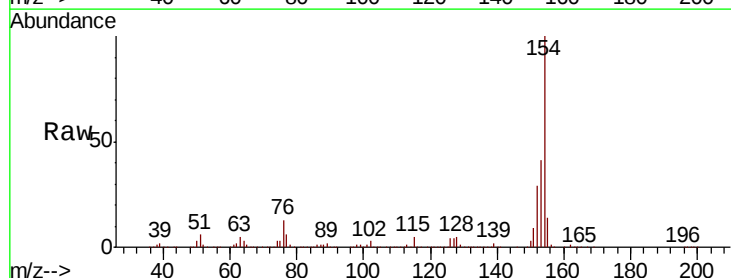


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

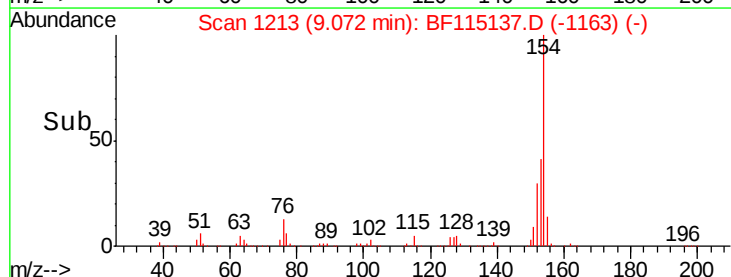
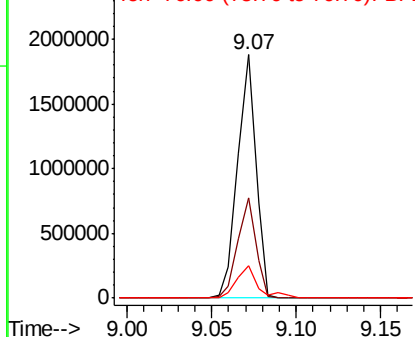


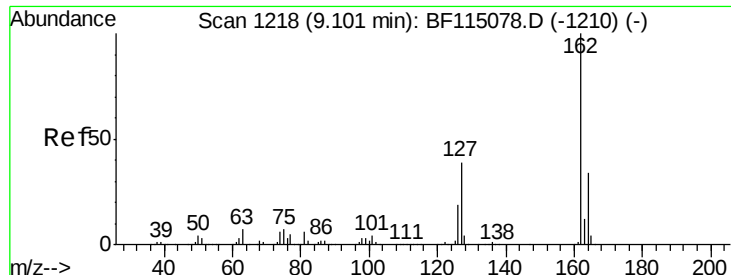
#46
1,1'-Biphenyl
Concen: 40.910 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:154 Resp: 1420924
Ion Ratio Lower Upper
154 100
153 41.3 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

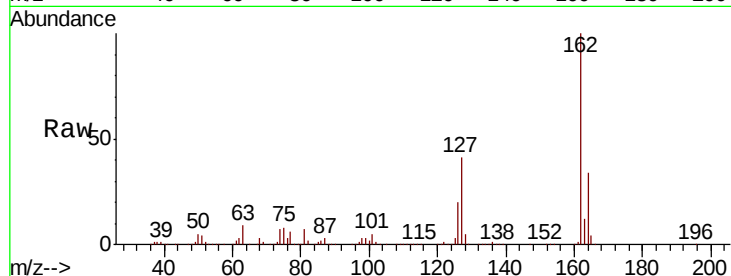




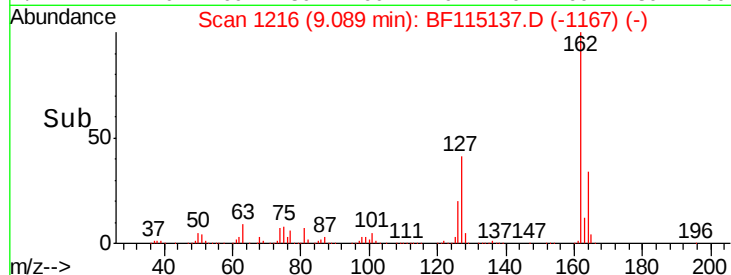
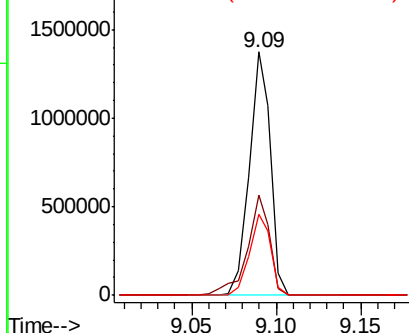
#47
 2-Chloronaphthalene
 Concen: 42.460 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1196259
 Ion Ratio Lower Upper
 162 100
 127 41.1 30.8 46.2
 164 33.6 27.0 40.4

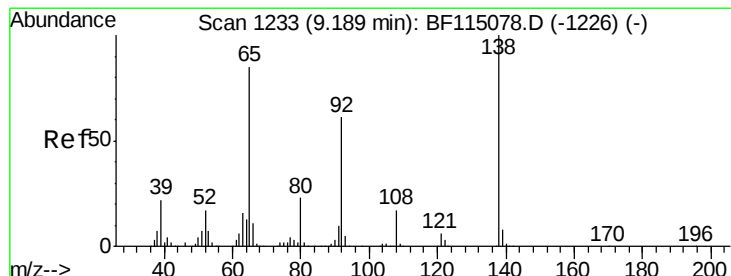


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

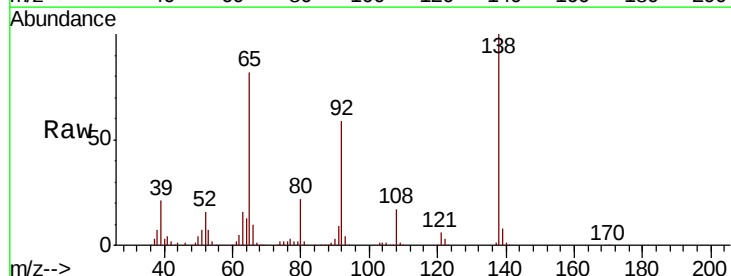
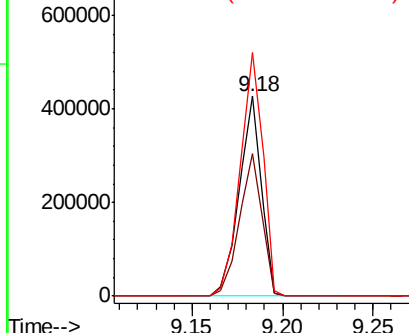


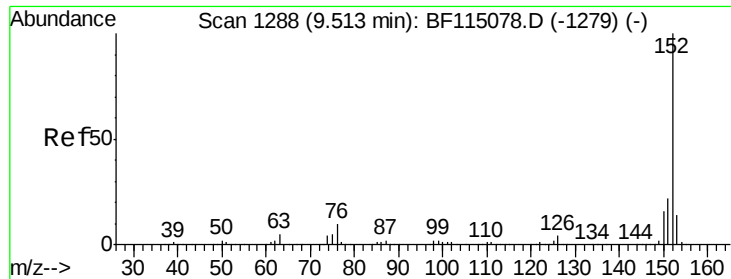
#48
 2-Nitroaniline
 Concen: 44.045 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion: 65 Resp: 361784
 Ion Ratio Lower Upper
 65 100
 92 71.6 57.4 86.2
 138 121.8 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: 41.570 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

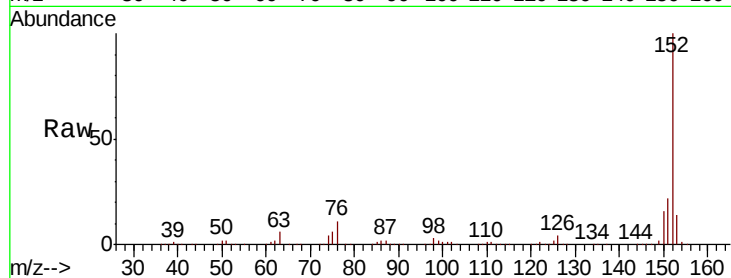
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1824742

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.3	11.0	16.6

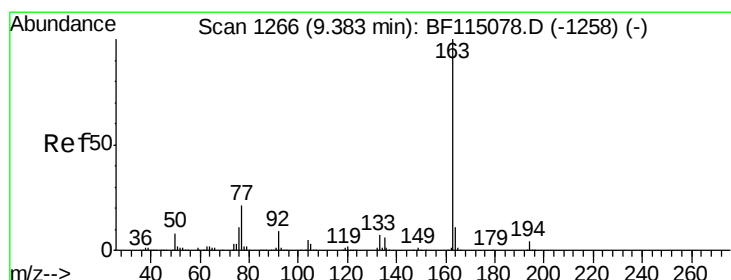
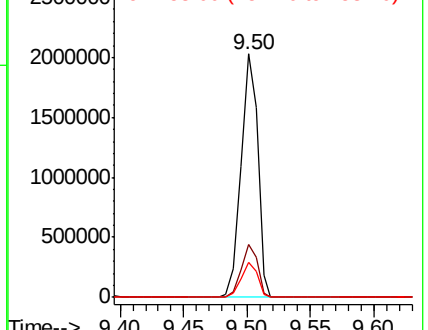
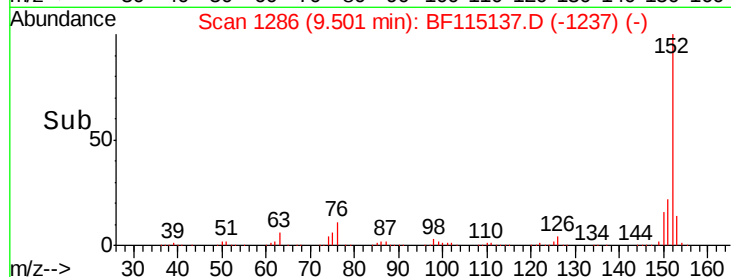


Abundance

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: 42.919 ng

RT: 9.38 min Scan# 1265

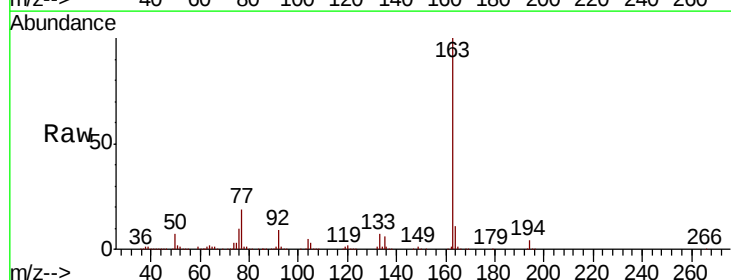
Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Tgt Ion:163 Resp: 1370689

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.6	13.0

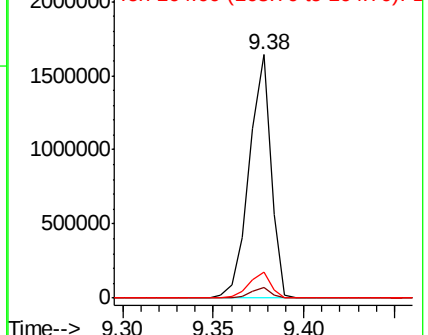
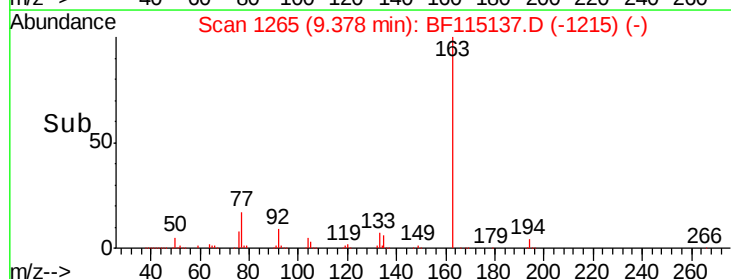


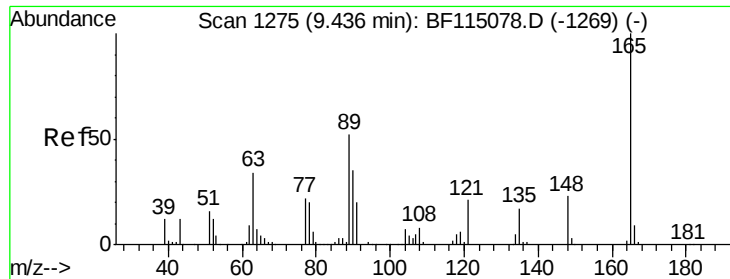
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

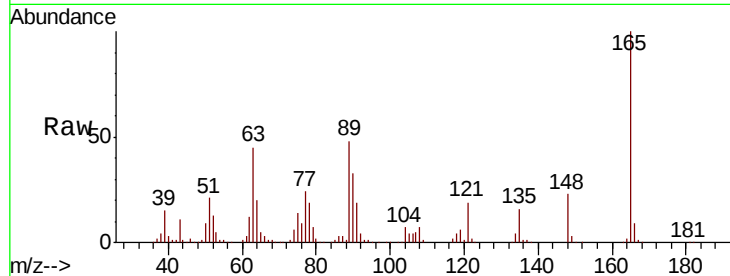




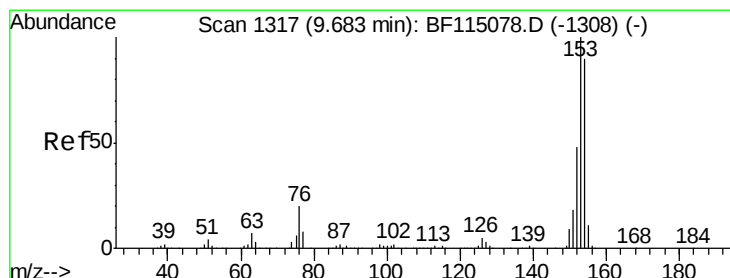
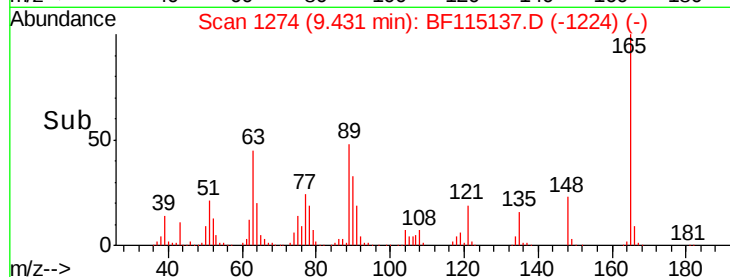
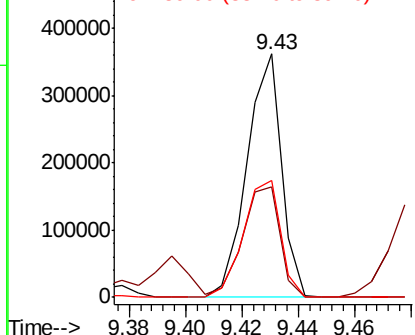
#51
 2,6-Dinitrotoluene
 Concen: 41.679 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	39.4	59.2
89	48.0	42.0	63.0

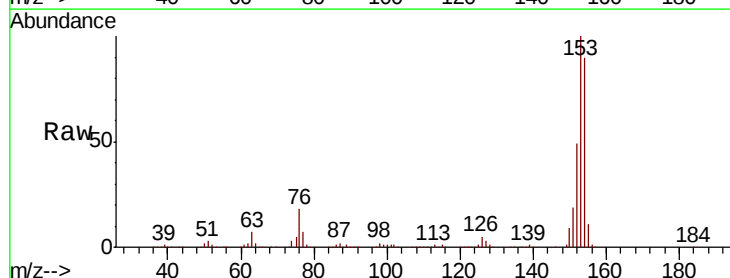


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

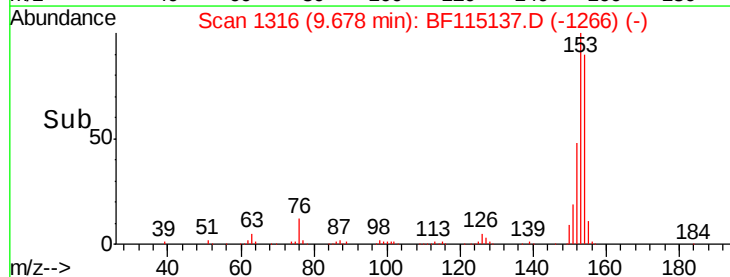
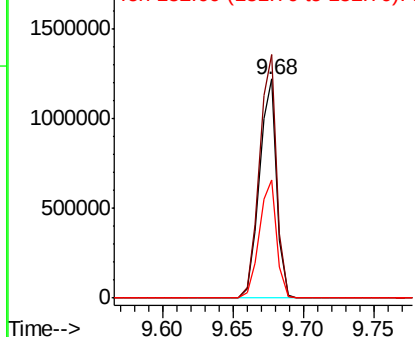


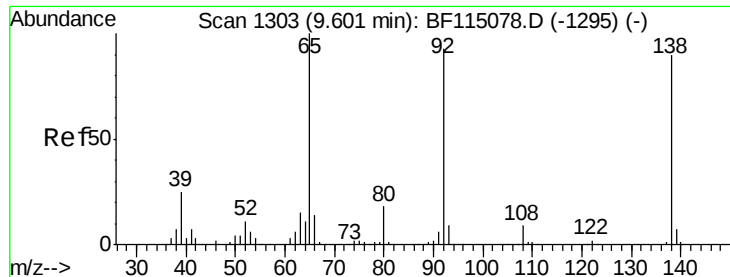
#52
 Acenaphthene
 Concen: 38.653 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.7	133.1
152	54.2	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

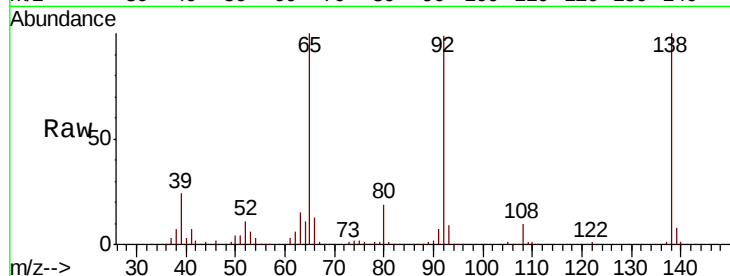




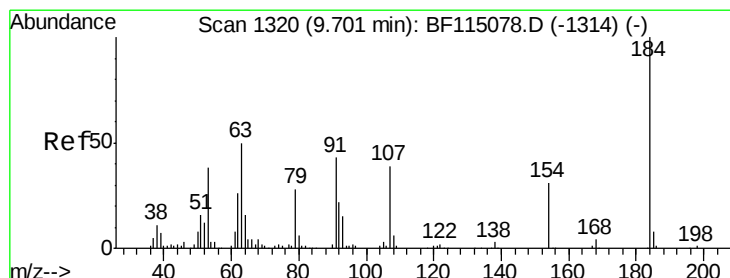
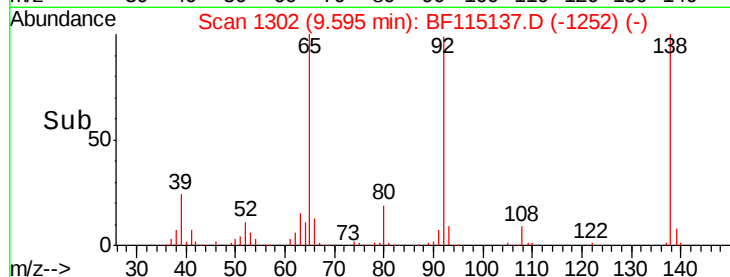
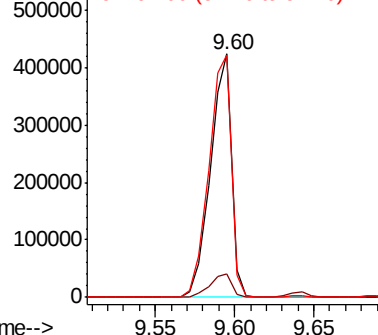
#53
3-Nitroaniline
Concen: 43.141 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 388172
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 99.4 82.9 124.3

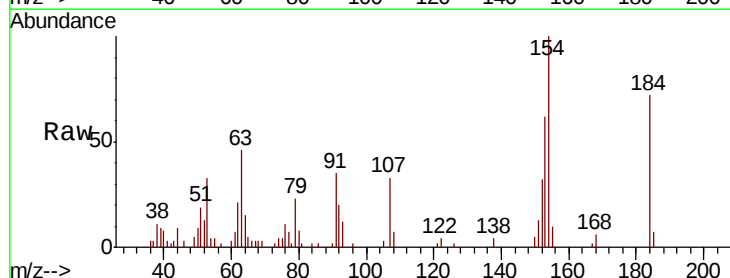


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

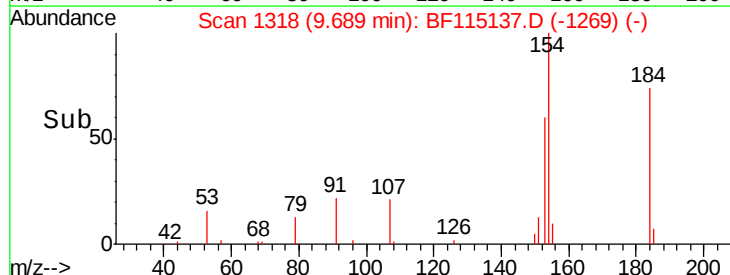
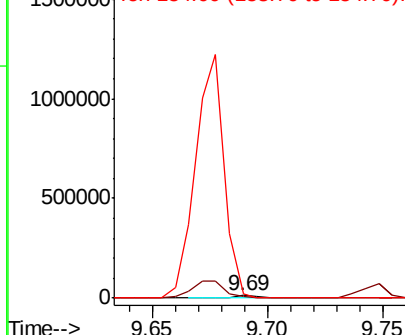


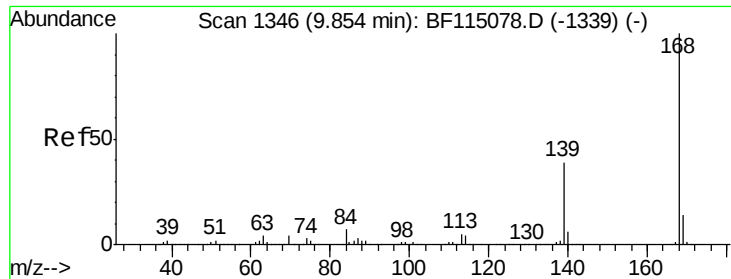
#54
2,4-Dinitrophenol
Concen: 9.875 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:184 Resp: 10573
Ion Ratio Lower Upper
184 100
63 63.9 41.9 62.9#
154 137.9 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

Dibenzofuran

Concen: 40.098 ng

RT: 9.85 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

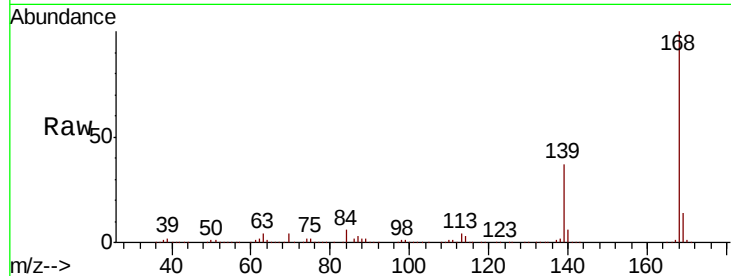
Tot Ion:168 Resp: 1580814

Ion Ratio Lower Upper

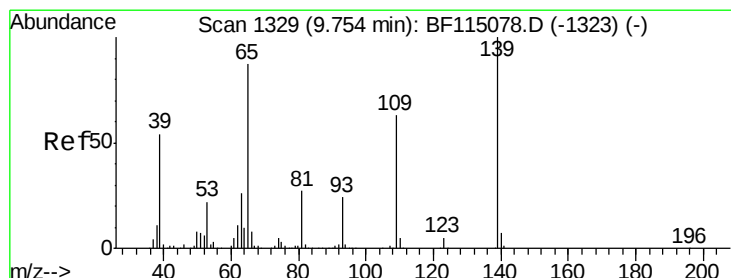
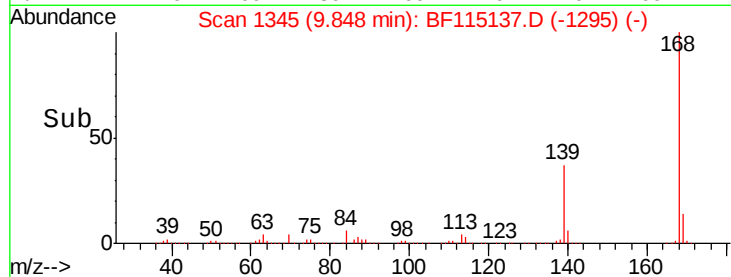
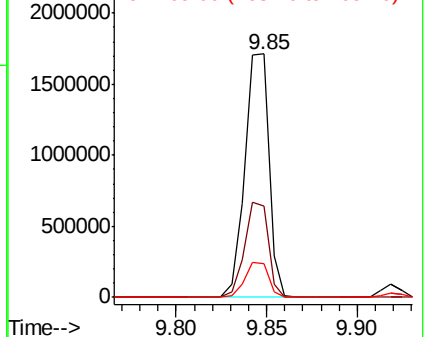
168 100

139 37.4 31.1 46.7

169 13.6 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: 33.557 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

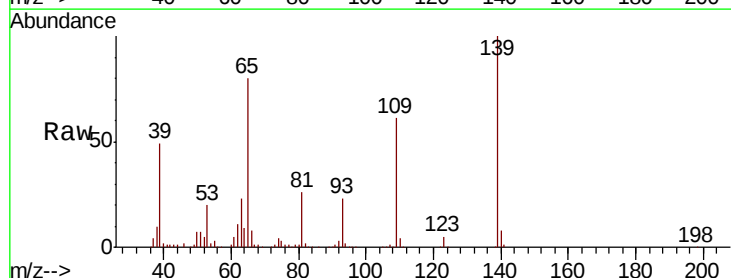
Tgt Ion:139 Resp: 242060

Ion Ratio Lower Upper

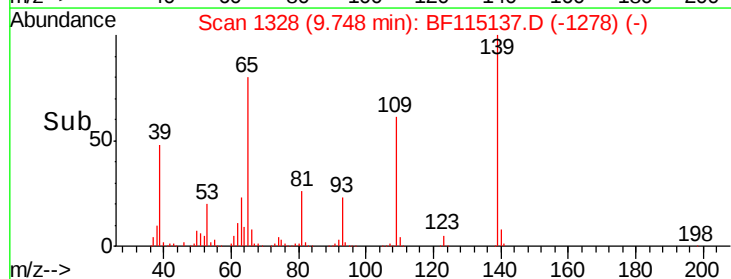
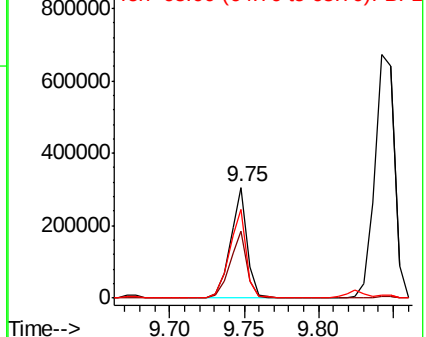
139 100

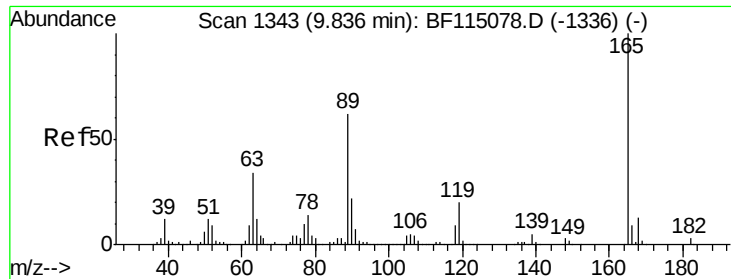
109 60.7 43.0 83.0

65 80.4 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

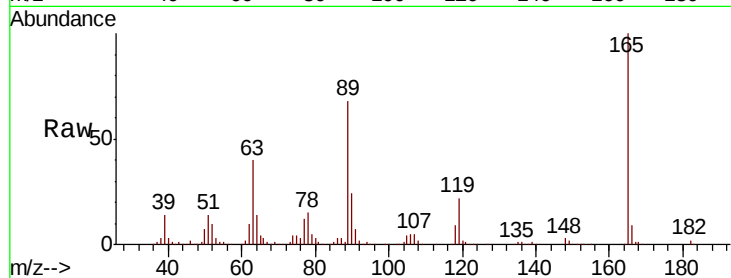




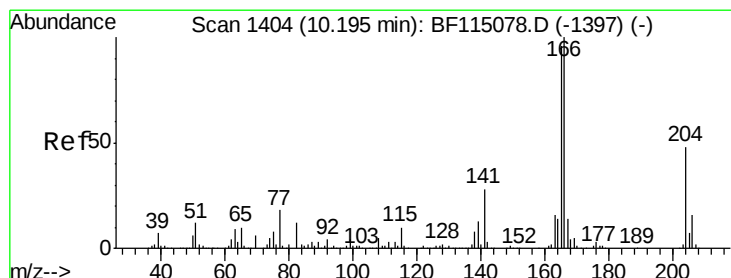
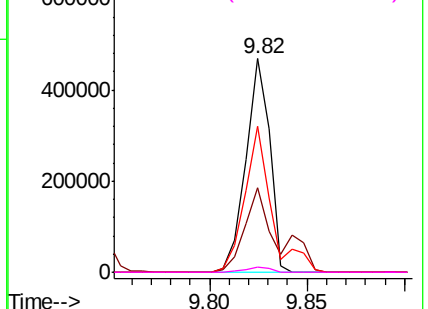
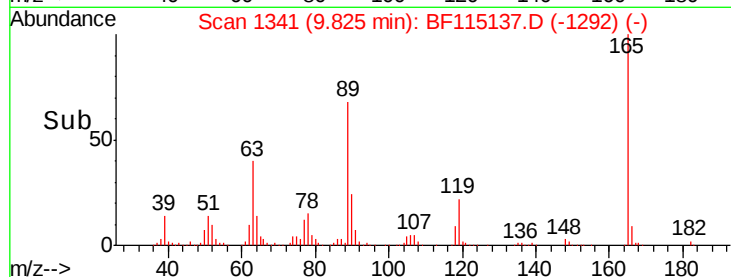
#57
2,4-Dinitrotoluene
Concen: 41.663 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	396646
Ion Ratio	Lower	Upper
165	100	
63	39.8	27.5 41.3
89	68.0	49.9 74.9
182	2.5	2.1 3.1

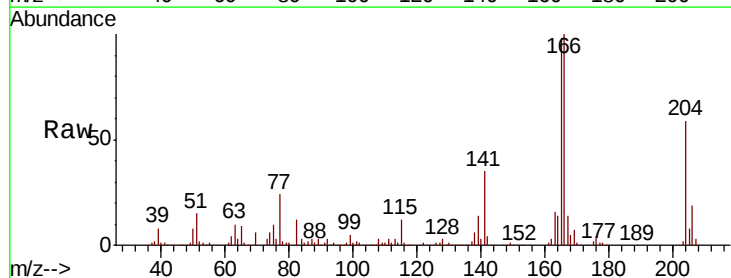


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

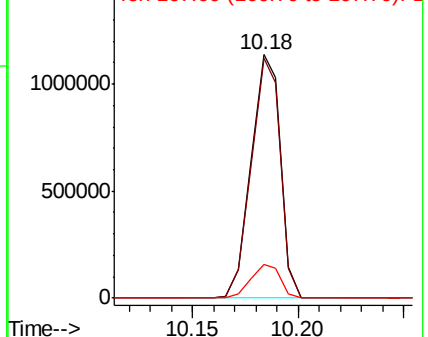
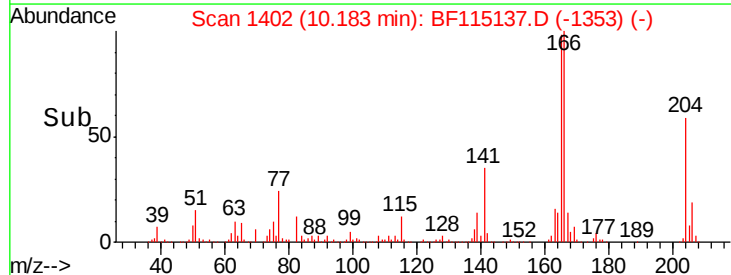


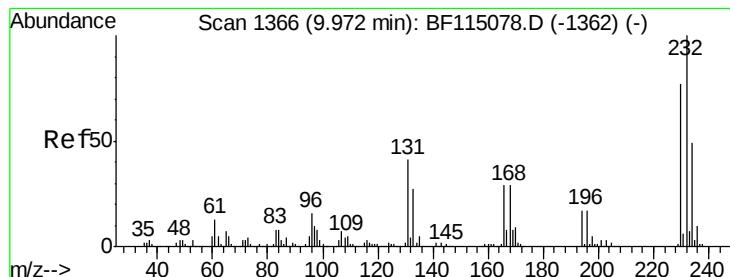
#58
Fluorene
Concen: 41.387 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:166	Resp:	1100207
Ion Ratio	Lower	Upper
166	100	
165	98.3	76.5 114.7
167	14.1	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: 37.310 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 305105

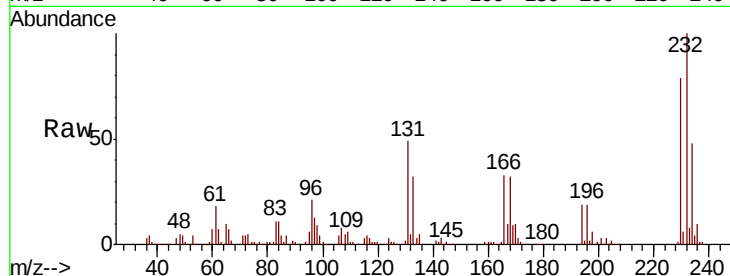
Ion Ratio Lower Upper

232 100

131 45.3 37.4 56.0

130 2.2 1.8 2.6

166 30.5 24.6 36.8

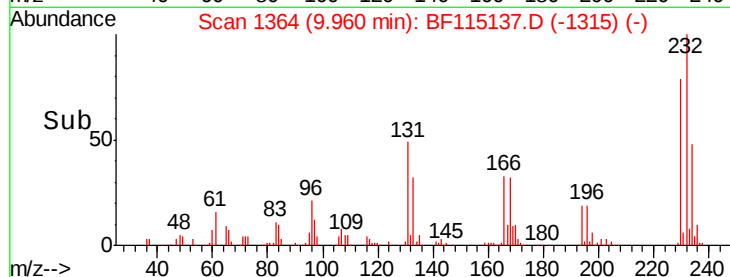


Abundance Ion 232.00 (231.70 to 232.70): E

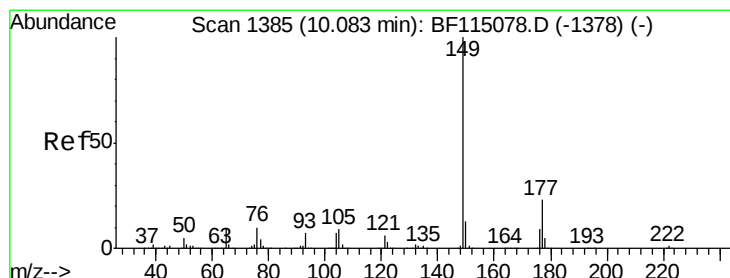
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.181 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

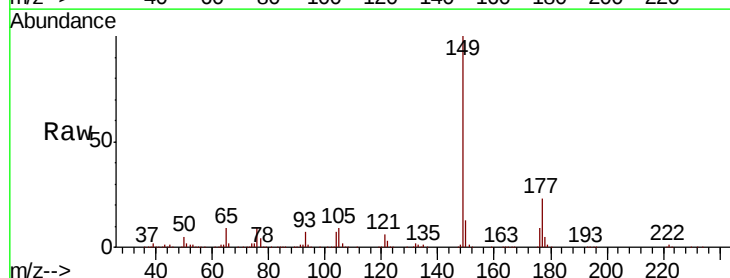
Tgt Ion:149 Resp: 1354121

Ion Ratio Lower Upper

149 100

177 23.1 18.7 28.1

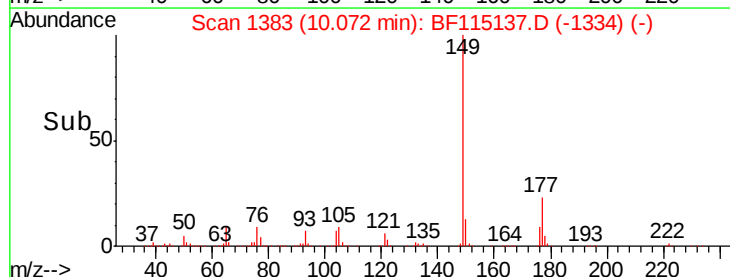
150 13.1 10.4 15.6



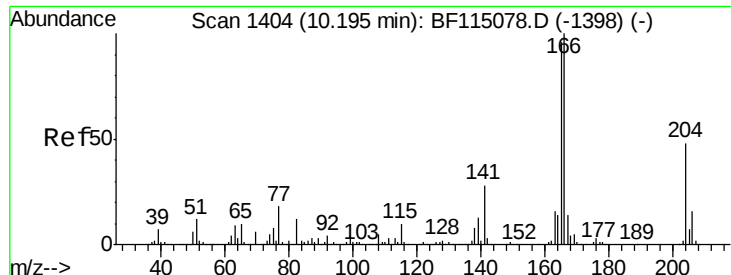
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



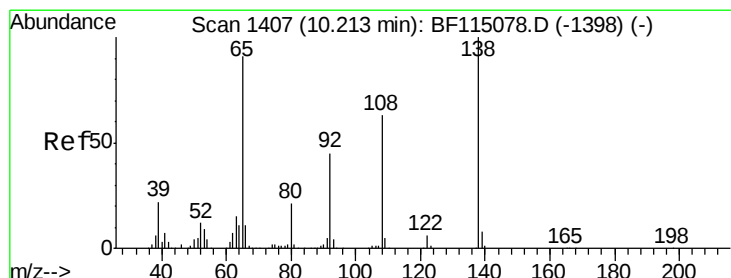
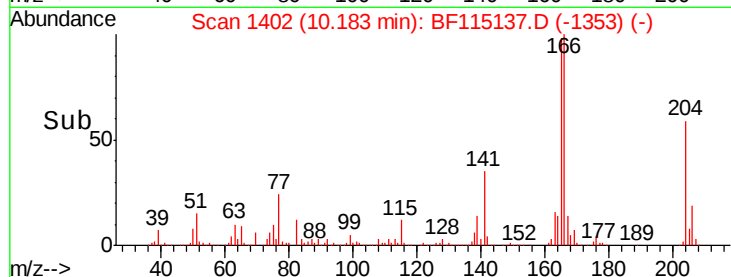
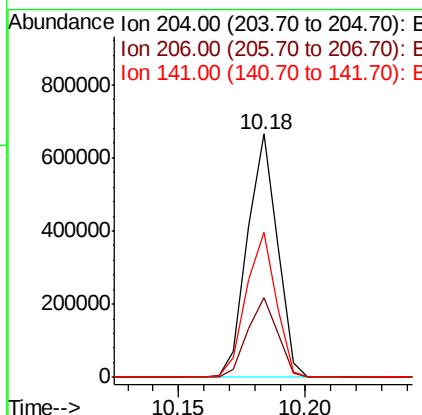
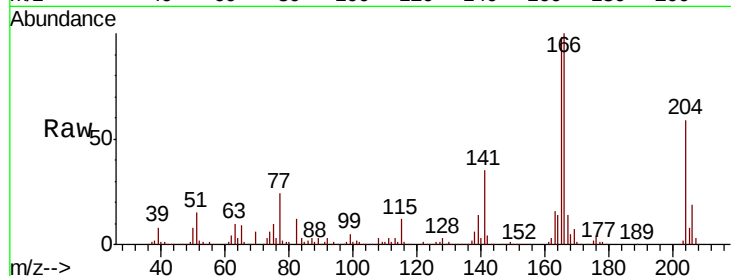
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 43.779 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

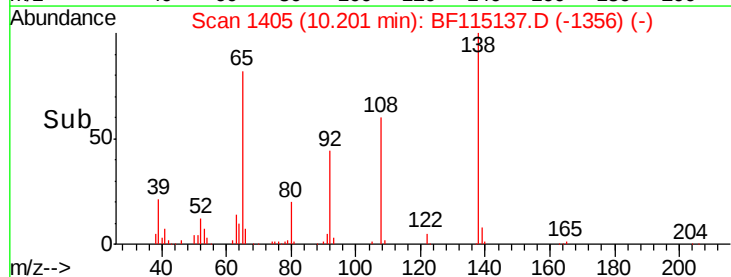
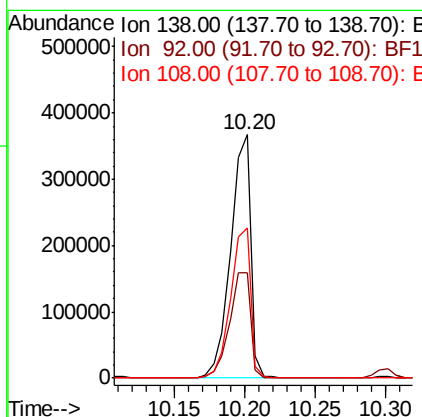
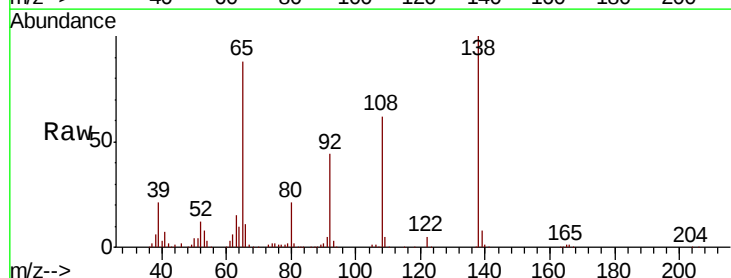
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 548380
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 59.7 46.7 70.1



#62
4-Nitroaniline
Concen: 40.208 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:138 Resp: 362932
Ion Ratio Lower Upper
138 100
92 43.5 24.8 64.8
108 61.9 43.3 83.3





#63

Azobenzene

Concen: 40.079 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1201778

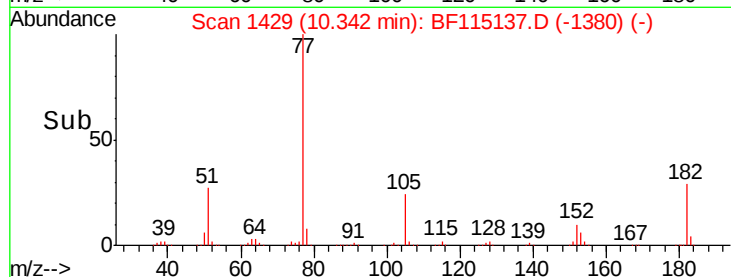
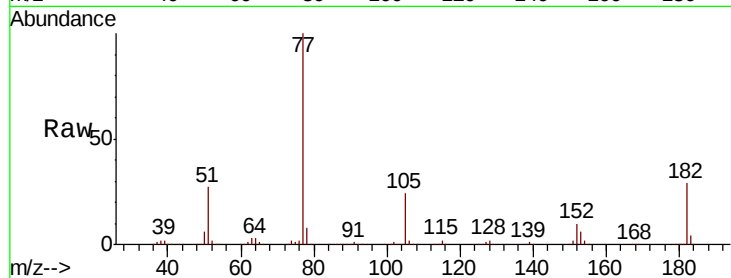
Ion Ratio Lower Upper

77 100

182 28.7 10.1 50.1

105 24.2 4.5 44.5

51 27.1 6.4 46.4

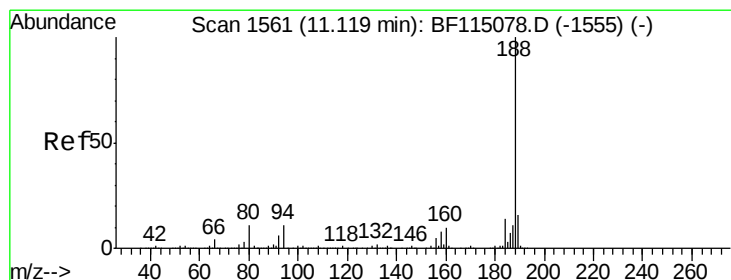
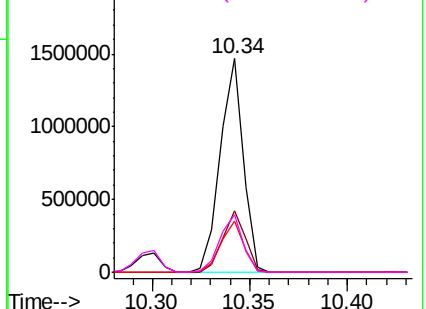


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115137.D

Acq: 22 Jun 2019 23:56

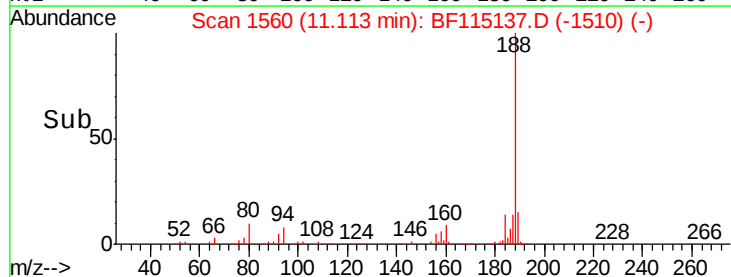
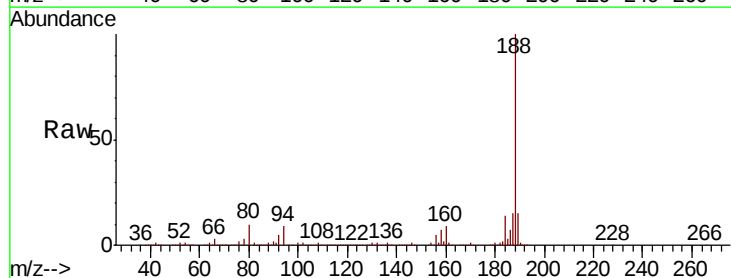
Tgt Ion: 188 Resp: 768691

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

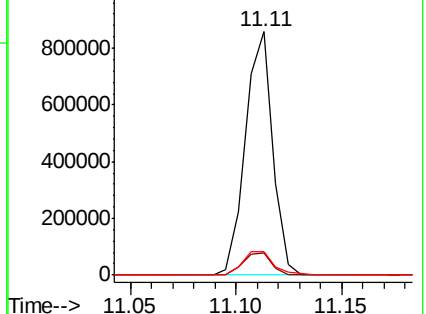
80 9.8 8.8 13.2



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

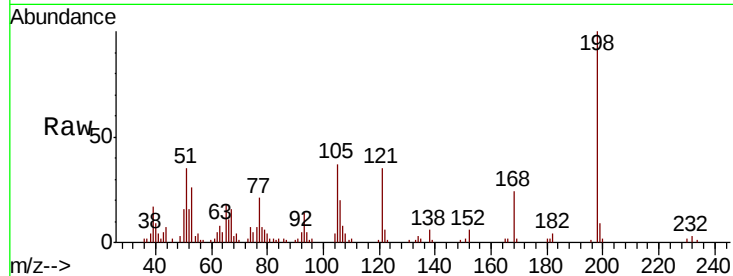




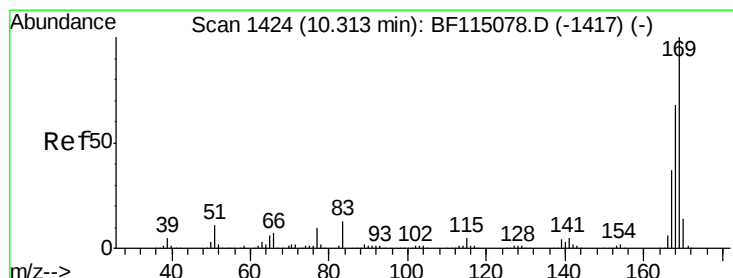
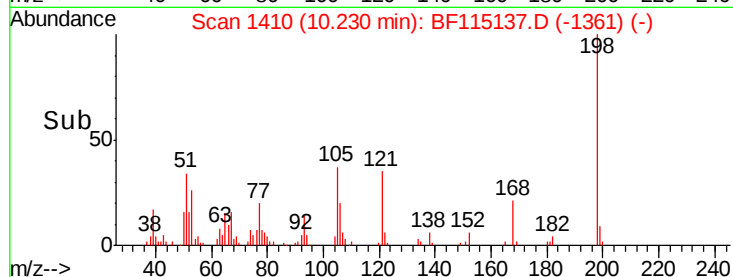
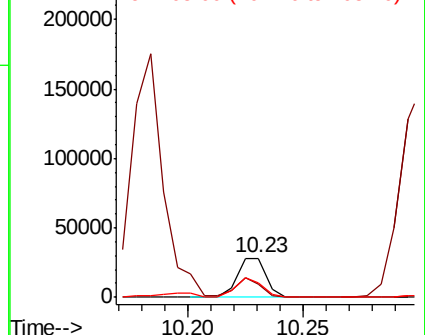
#65
4,6-Dinitro-2-methylphenol
Concen: 10.428 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 24942
Ion Ratio Lower Upper
198 100
51 35.0 11.0 51.0
105 37.4 17.3 57.3

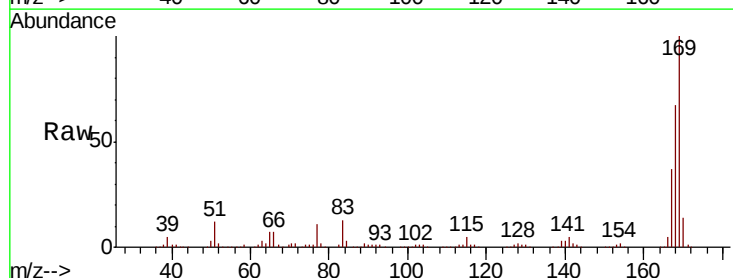


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

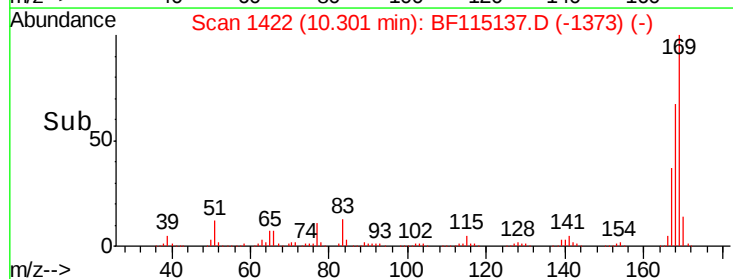
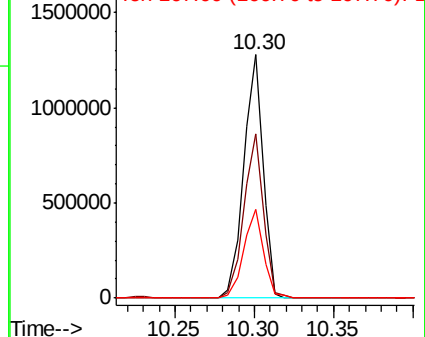


#66
n-Nitrosodiphenylamine
Concen: 45.062 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:169 Resp: 1079160
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.4
167 36.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

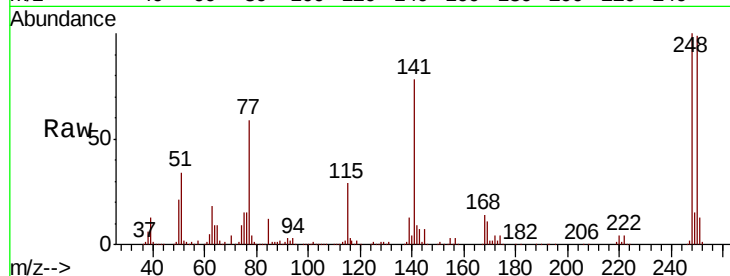




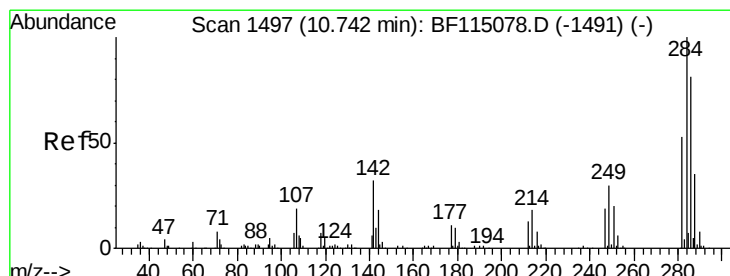
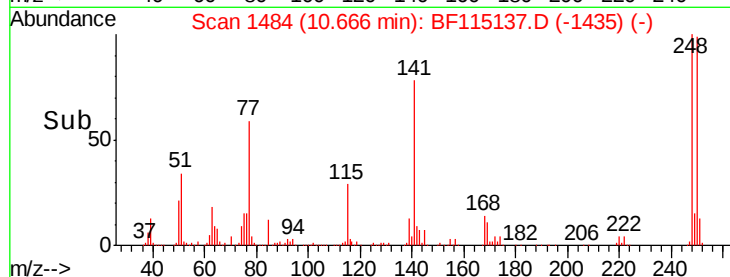
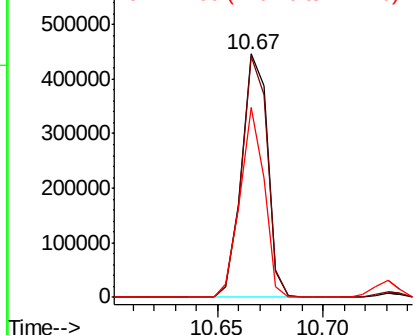
#67
4-Bromophenyl-phenylether
Concen: 45.664 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 380568
Ion Ratio Lower Upper
248 100
250 99.1 76.2 114.2
141 78.0 59.6 89.4

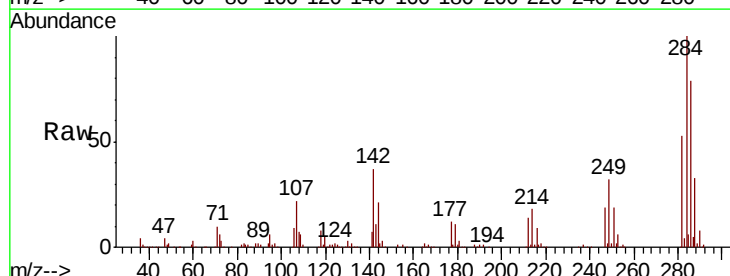


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

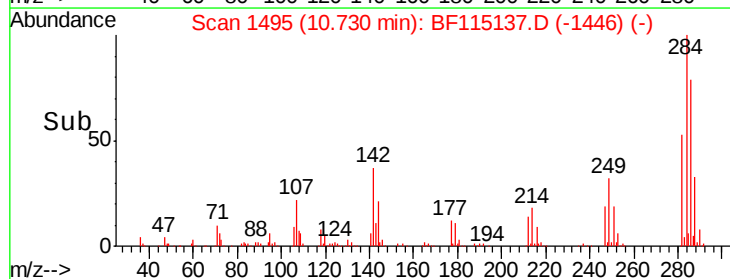
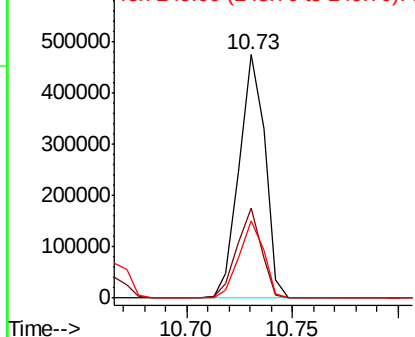


#68
Hexachlorobenzene
Concen: 44.479 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:284 Resp: 402367
Ion Ratio Lower Upper
284 100
142 36.7 25.8 38.8
249 31.8 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

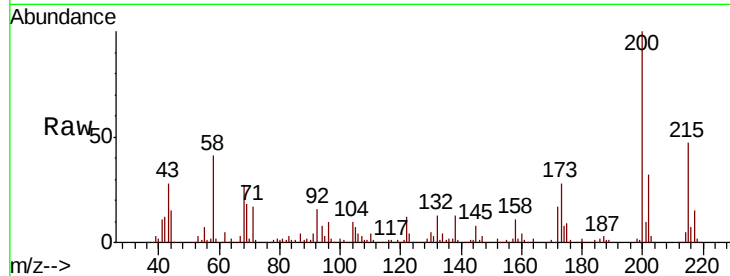




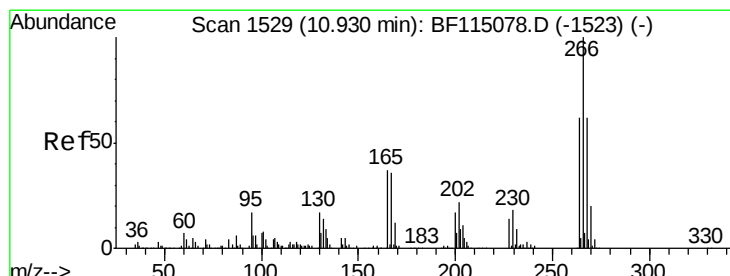
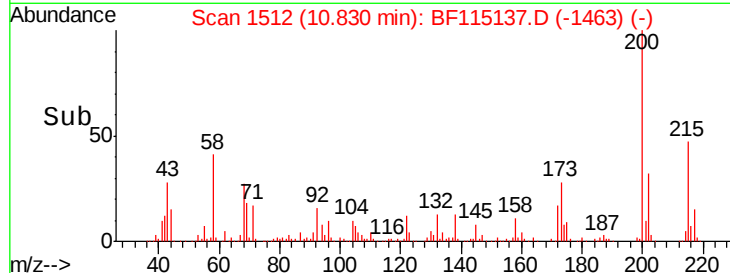
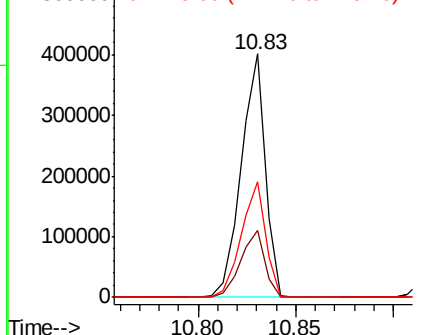
#69
Atrazine
Concen: 44.566 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 343329
Ion Ratio Lower Upper
200 100
173 27.6 7.4 47.4
215 47.5 27.8 67.8

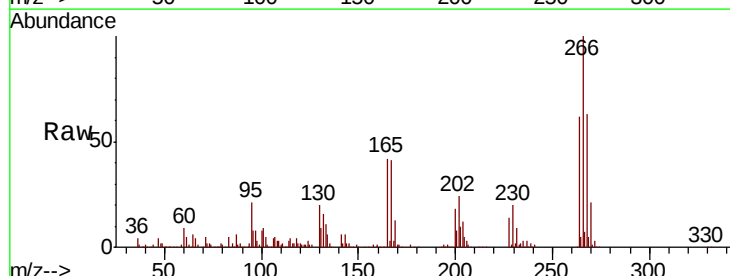


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

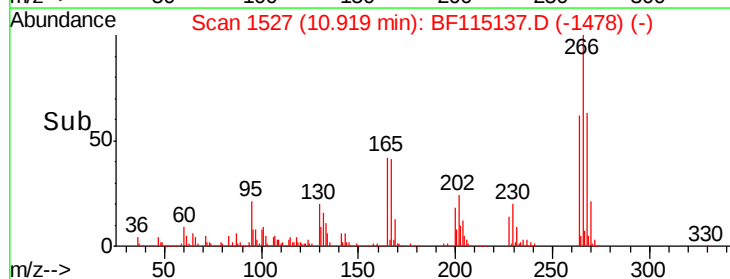
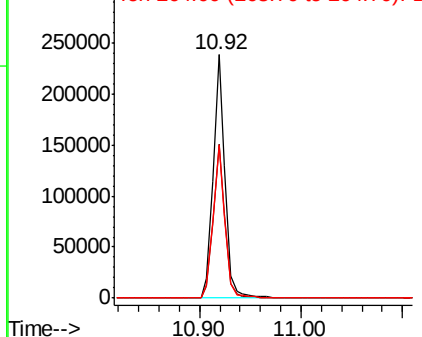


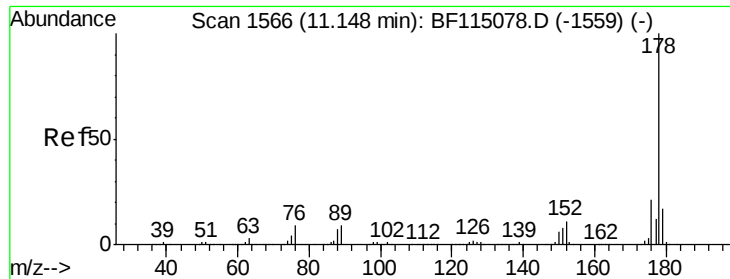
#70
Pentachlorophenol
Concen: 33.655 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:266 Resp: 193959
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 62.5 49.3 73.9



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

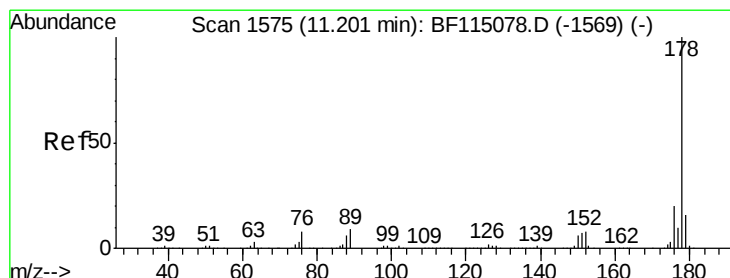
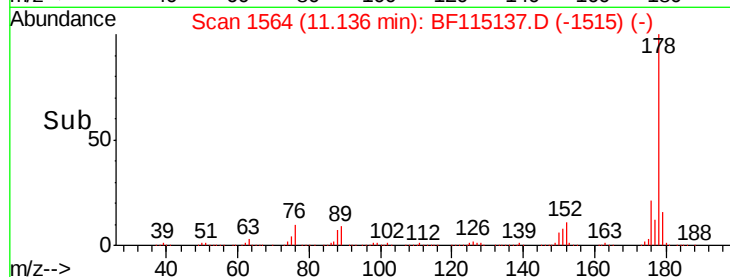
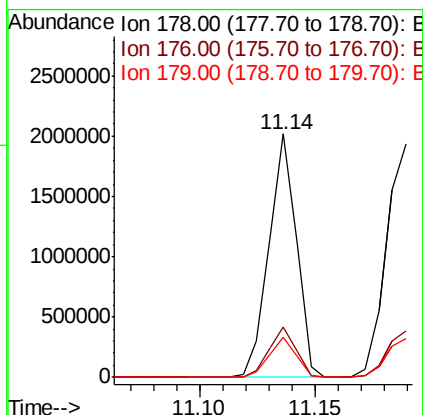
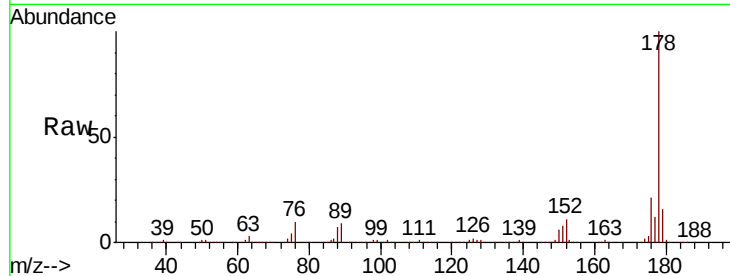




#71
Phenanthrene
Concen: 40.293 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

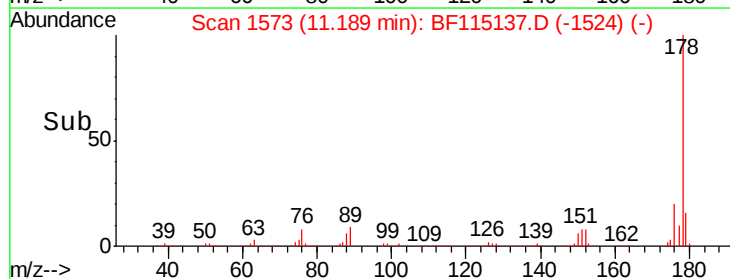
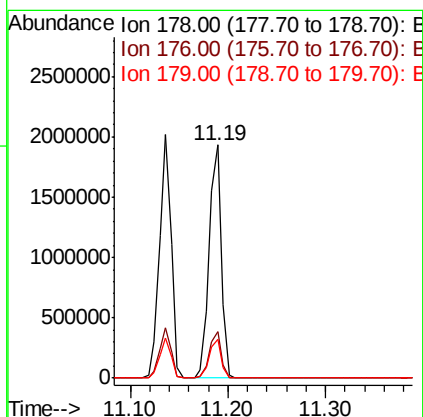
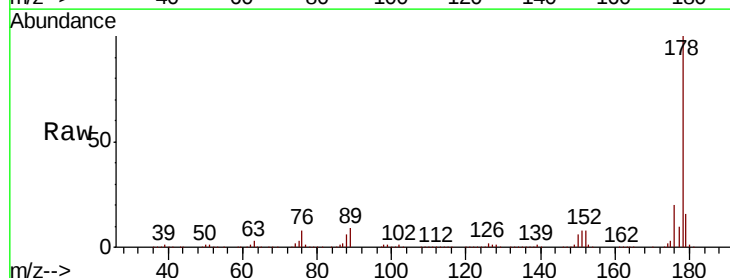
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1667620
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.4 13.2 19.8



#72
Anthracene
Concen: 40.236 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:178 Resp: 1680973
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.5 12.9 19.3

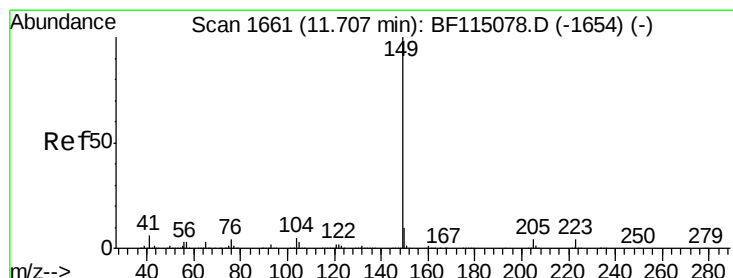
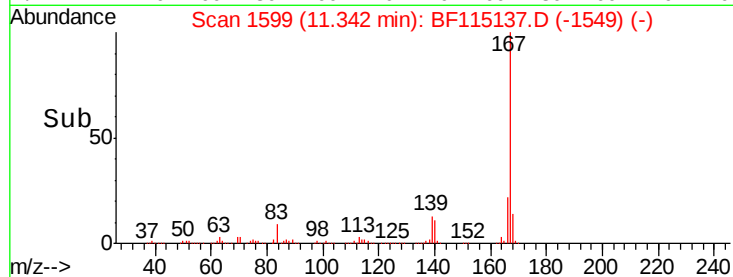
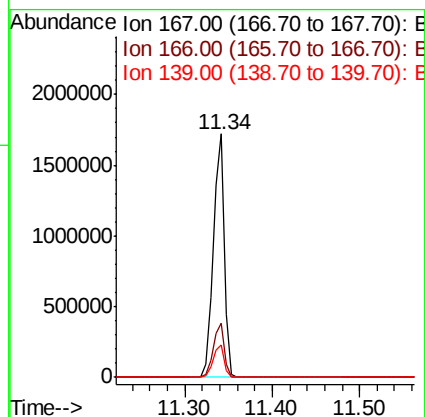
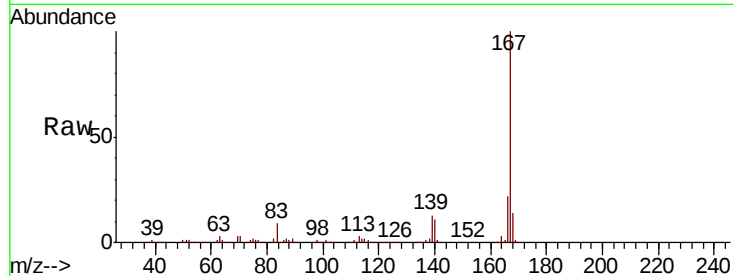




#73
 Carbazole
 Concen: 40.081 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

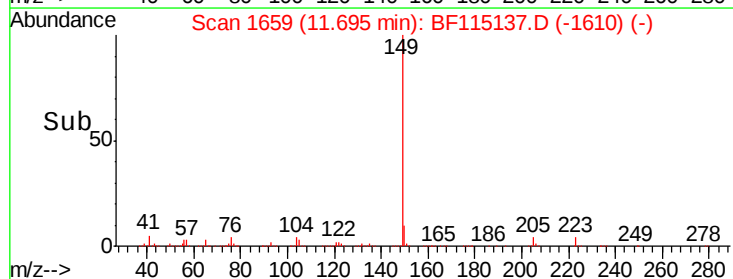
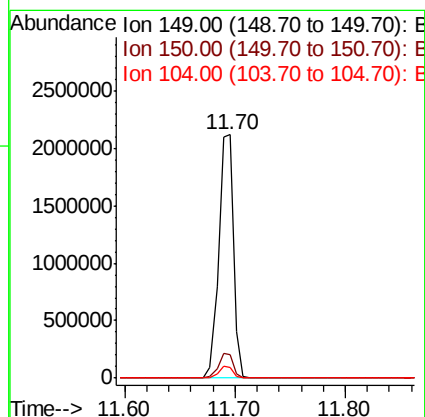
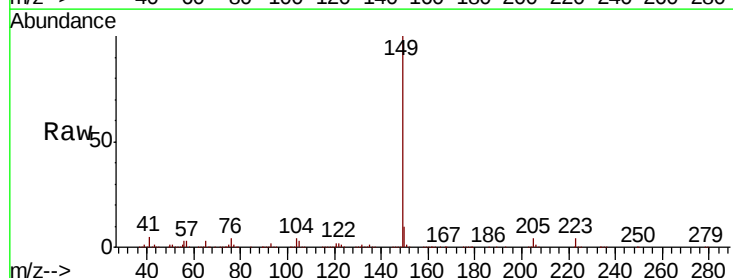
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

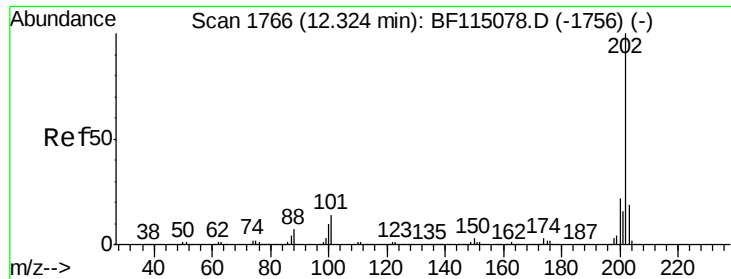
Tot Ion:167 Resp: 1495252
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 45.331 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115137.D
 Acq: 22 Jun 2019 23:56

Tgt Ion:149 Resp: 1954189
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 36.895 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

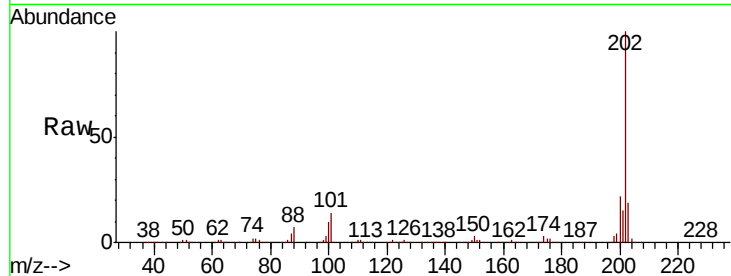
Tot Ion:202 Resp: 1523545

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.0

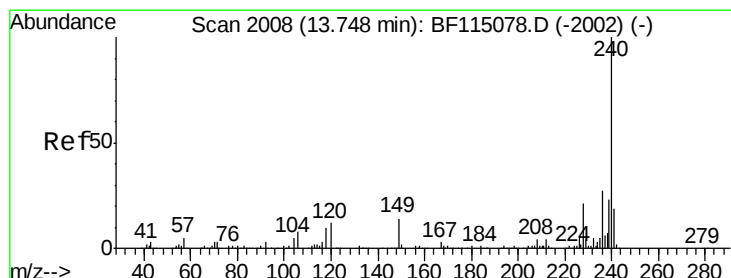
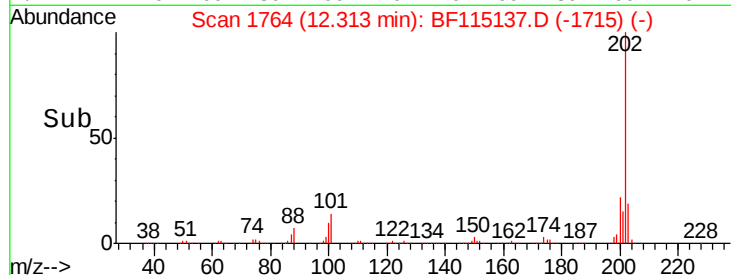
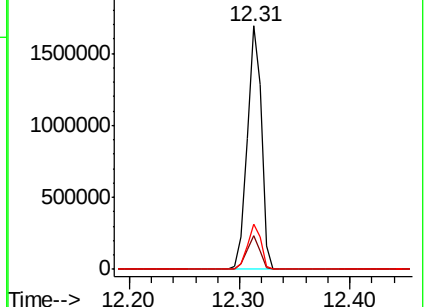
203 18.6 0.0 38.8



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: BF115137.D

Acq: 22 Jun 2019 23:56

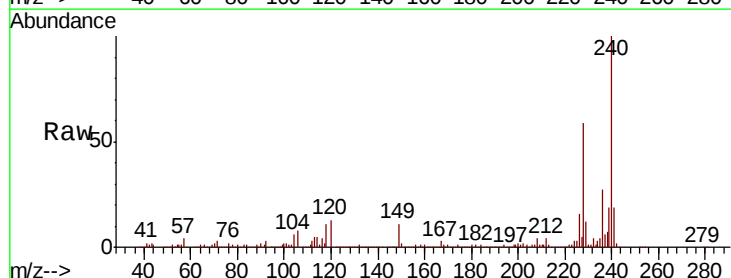
Tgt Ion:240 Resp: 481824

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

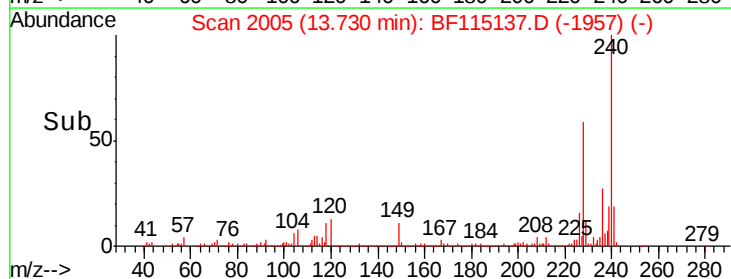
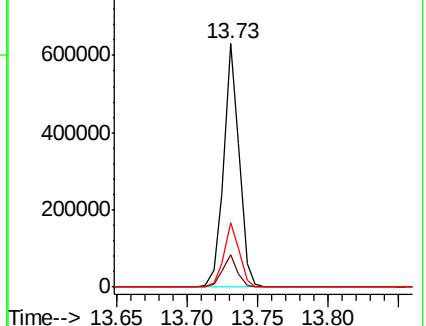
236 26.6 21.7 32.5

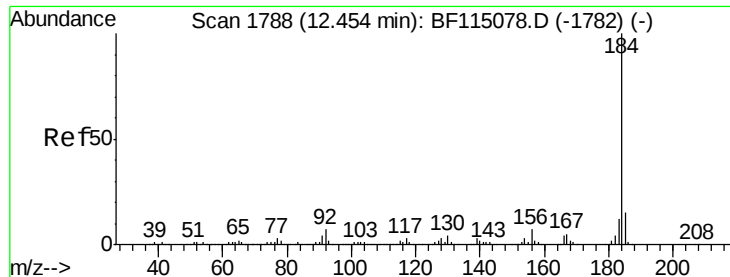


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.676 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

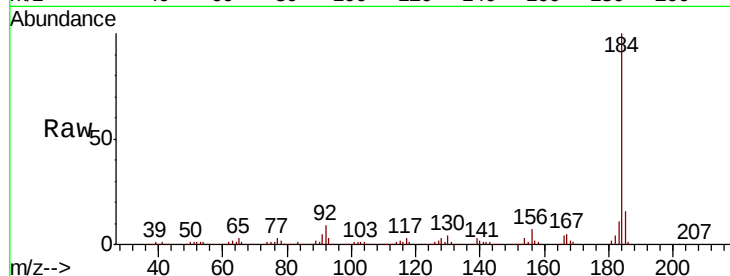
Tot Ion:184 Resp: 891649

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

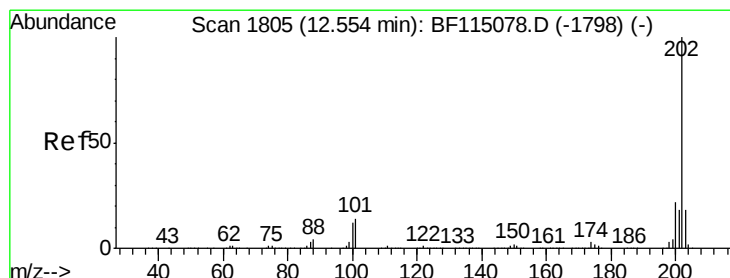
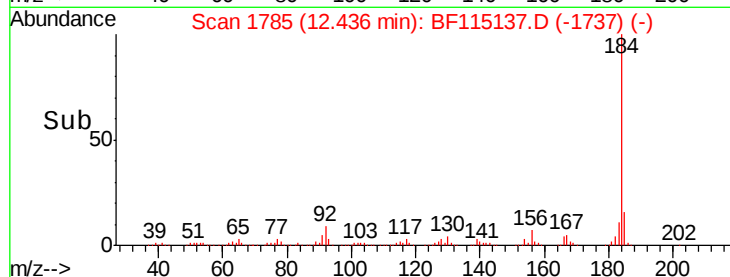
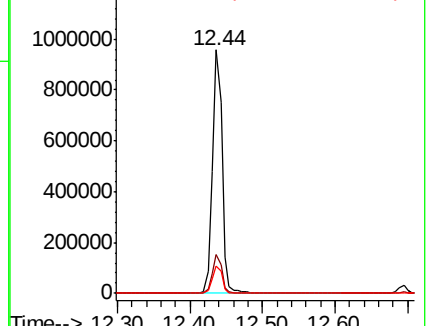
183 11.3 9.6 14.4



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: 41.723 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

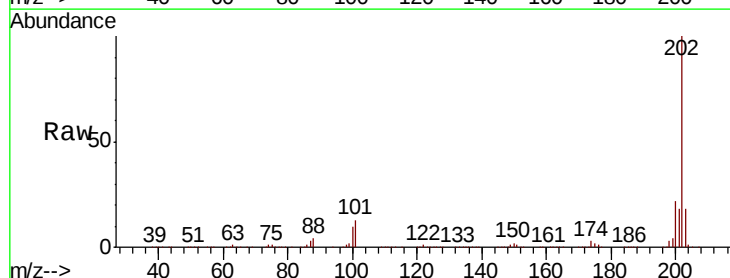
Tgt Ion:202 Resp: 1544934

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

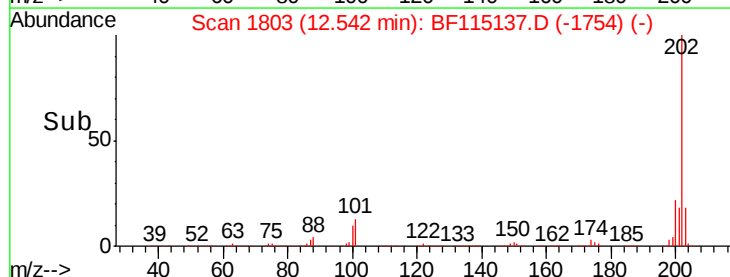
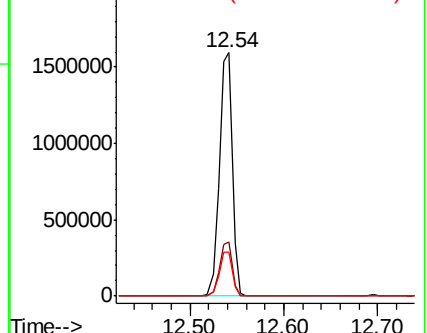
203 18.0 14.6 21.8

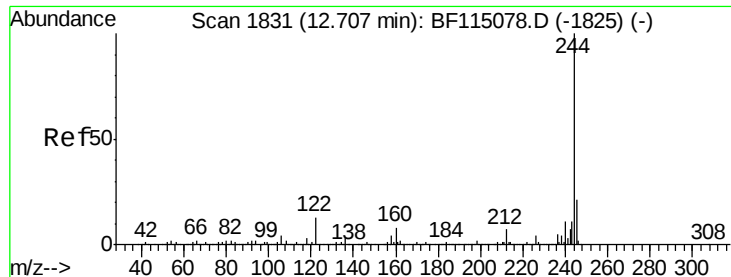


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.549 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

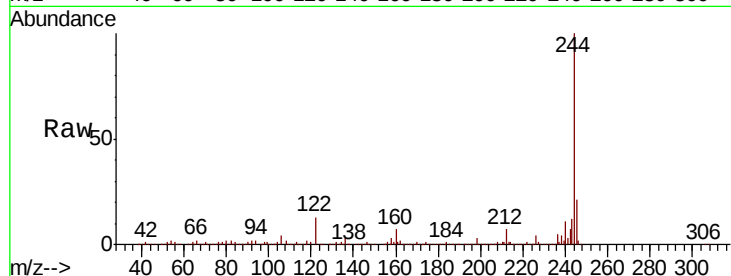
Tot Ion:244 Resp: 2029347

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

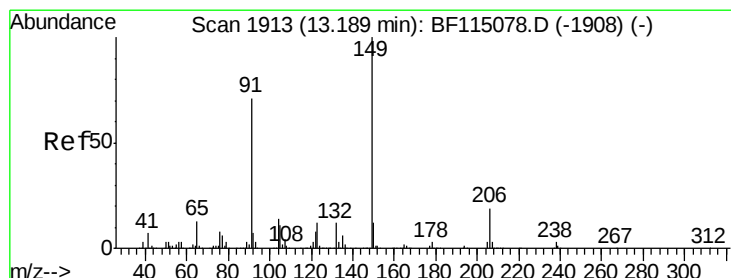
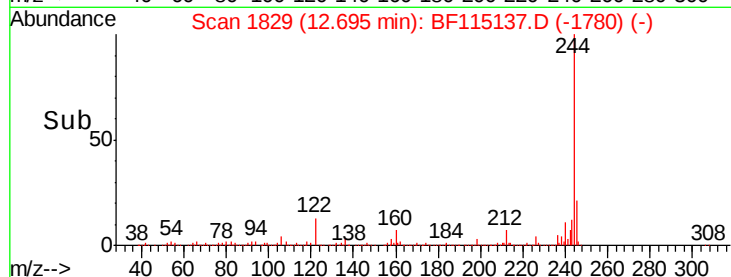
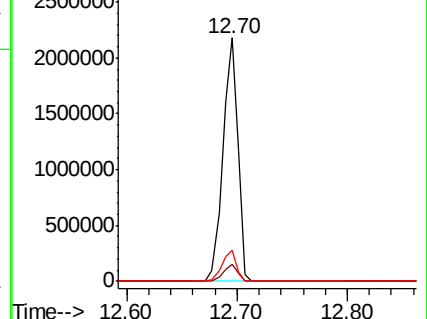
122 12.6 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.679 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

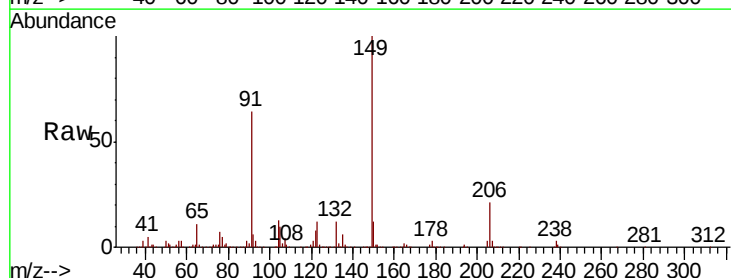
Tgt Ion:149 Resp: 730108

Ion Ratio Lower Upper

149 100

91 64.3 56.5 84.7

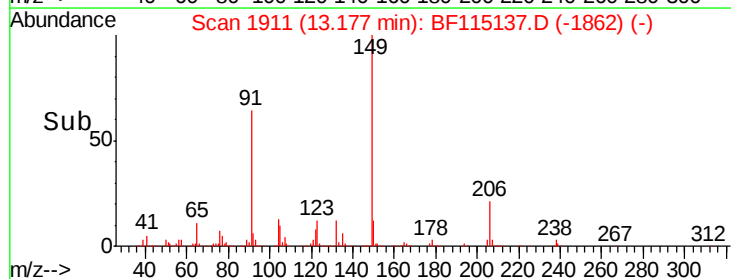
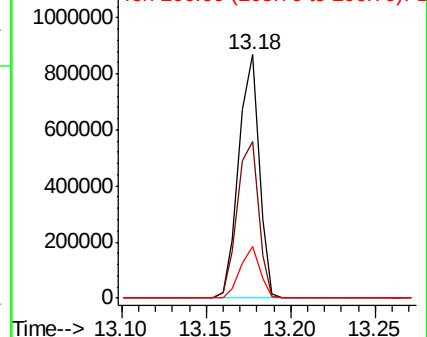
206 21.1 15.3 22.9

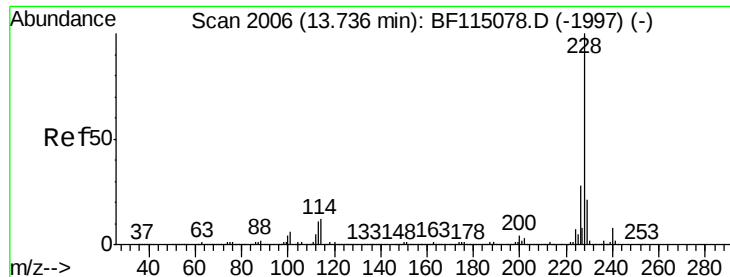


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.227 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

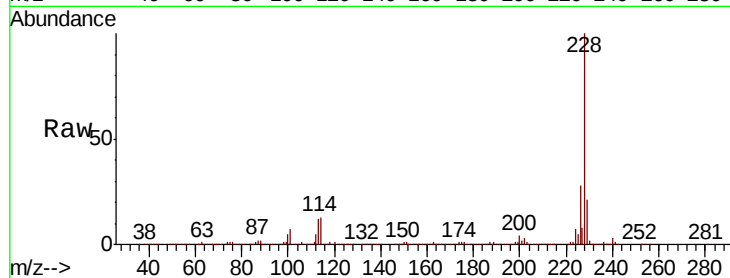
Tot Ion:228 Resp: 1390731

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

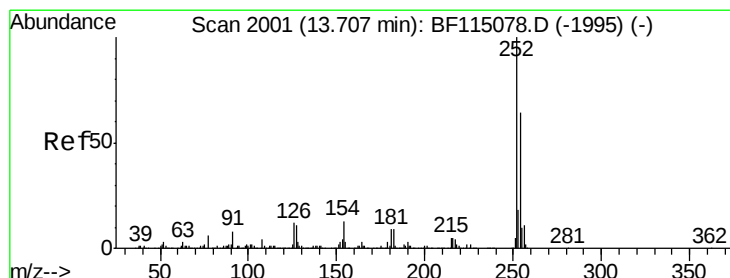
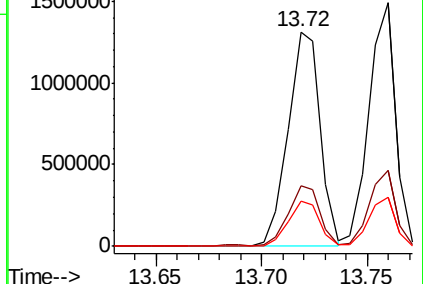
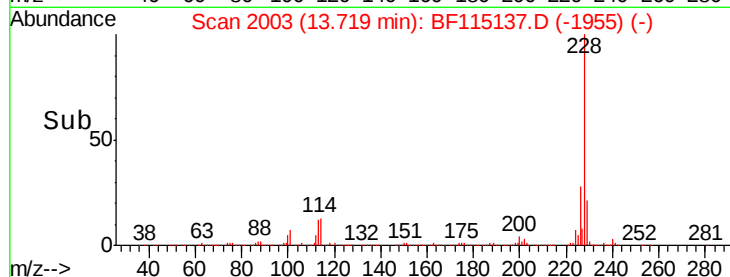
229 21.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.375 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

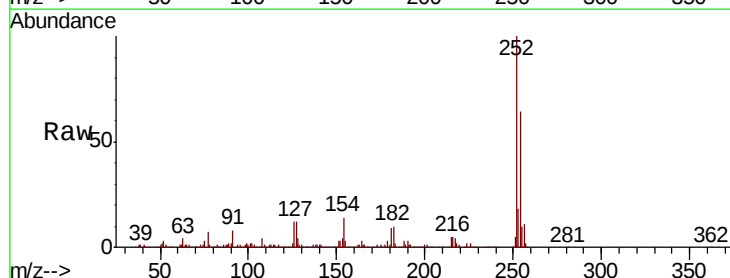
Tgt Ion:252 Resp: 529034

Ion Ratio Lower Upper

252 100

254 64.2 51.1 76.7

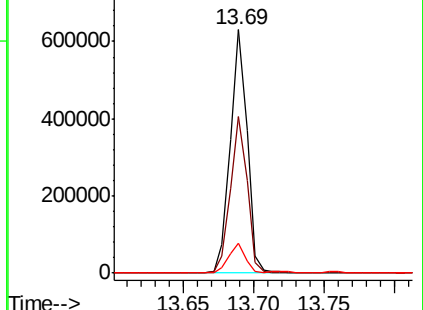
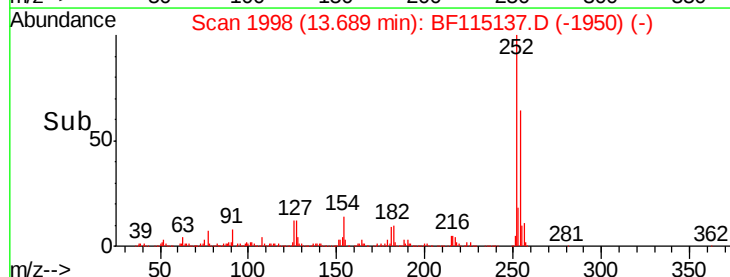
126 12.1 9.4 14.0

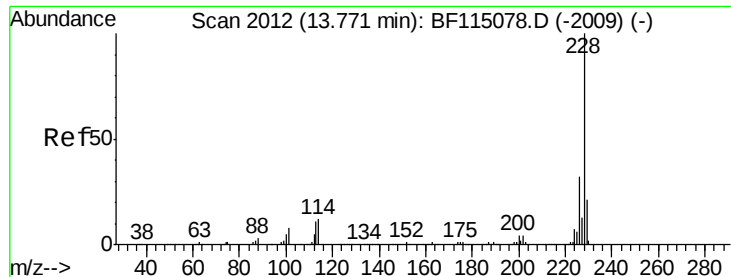


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.143 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

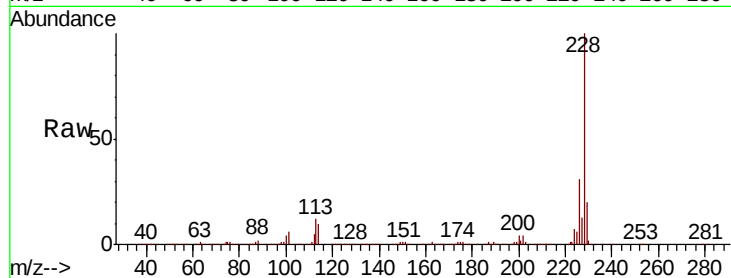
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1302965

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.3	16.5	24.7

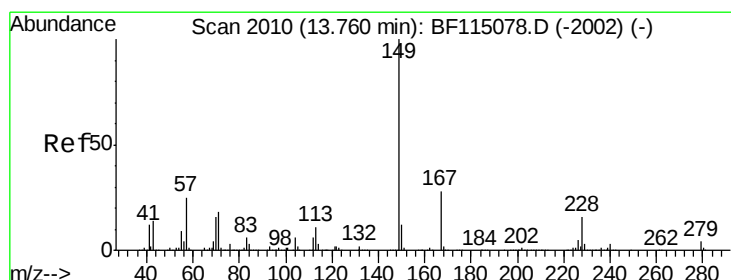
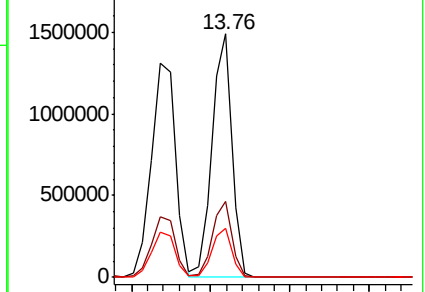
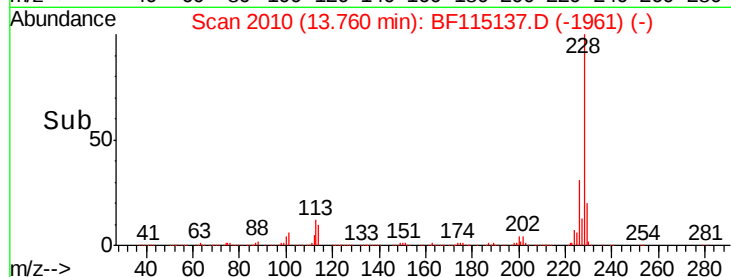


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.011 ng

RT: 13.74 min Scan# 2007

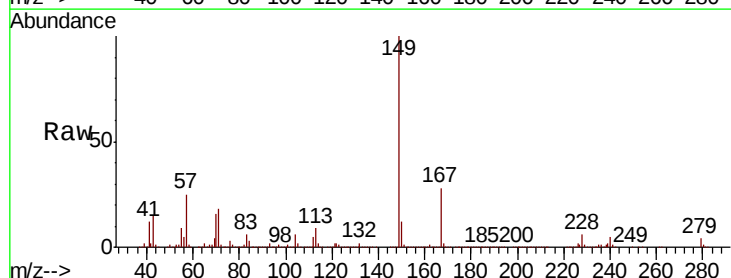
Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Tgt Ion:149 Resp: 985192

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.5	2.9	4.3

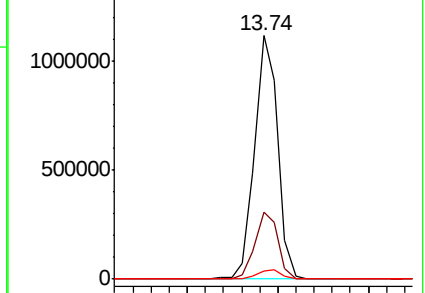
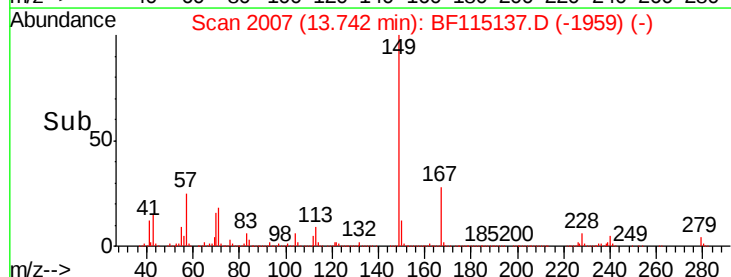


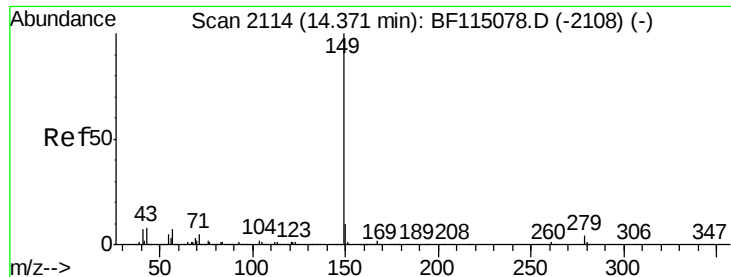
Abundance

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: 44.293 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

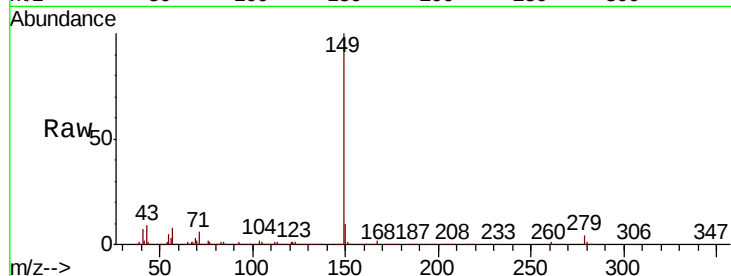
Tot Ion:149 Resp: 1593470

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

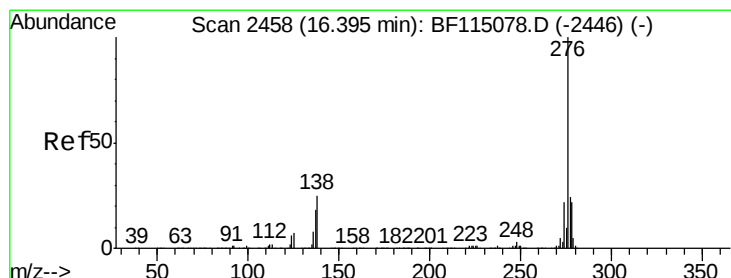
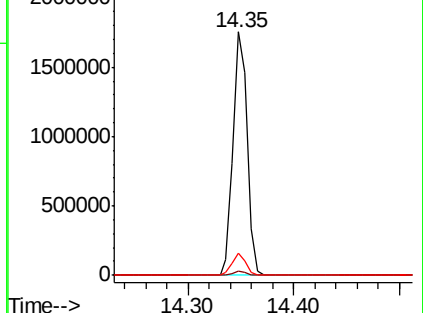
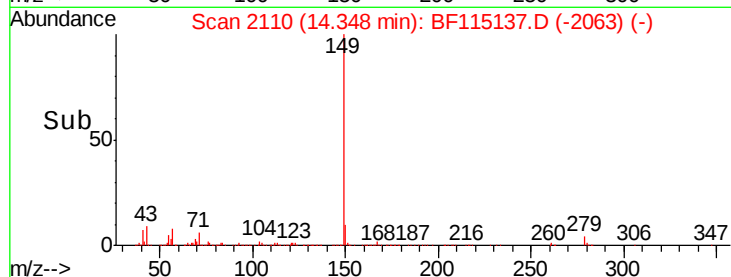
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.897 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.04 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

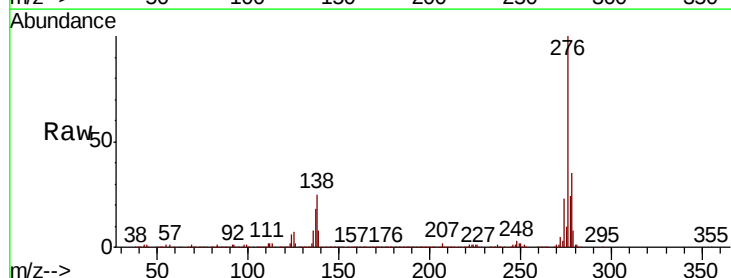
Tgt Ion:276 Resp: 1007943

Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

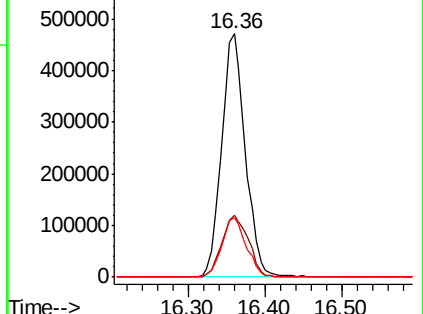
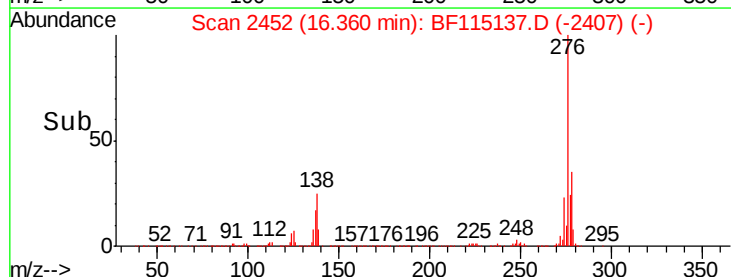
277 25.4 20.1 30.1

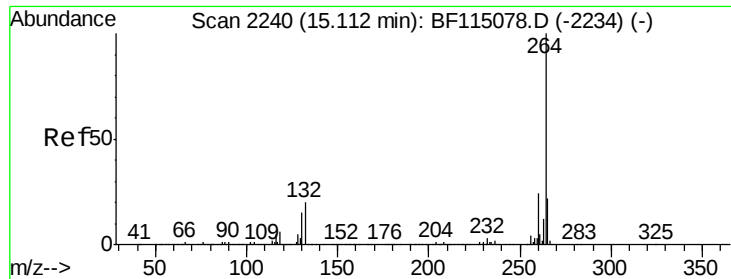


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

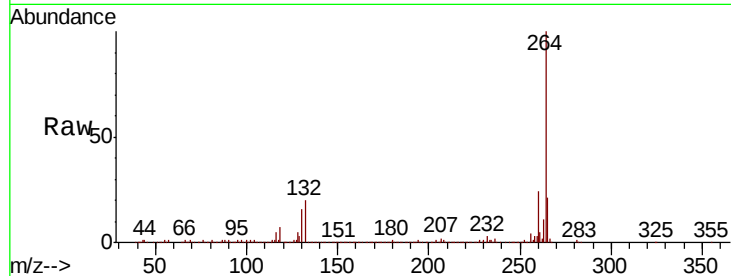
Tot Ion:264 Resp: 450415

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

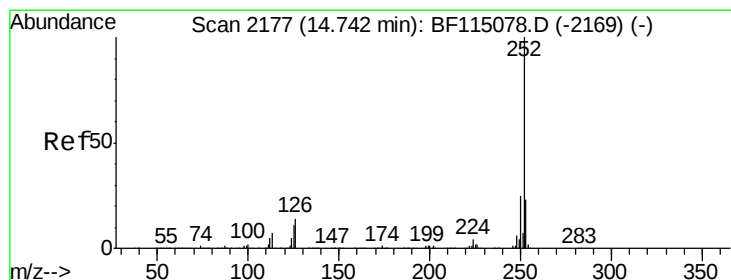
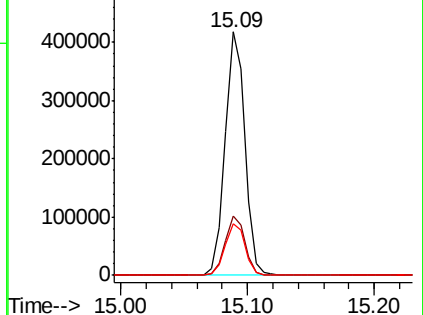
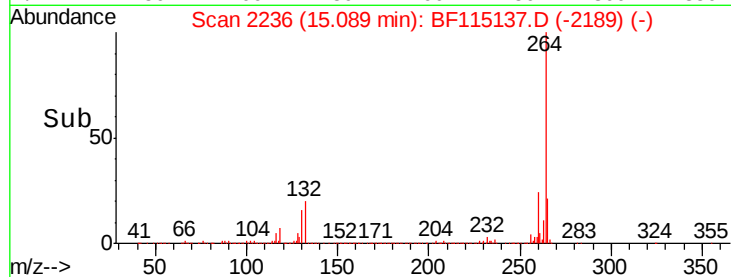
265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.652 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115137.D

Acq: 22 Jun 2019 23:56

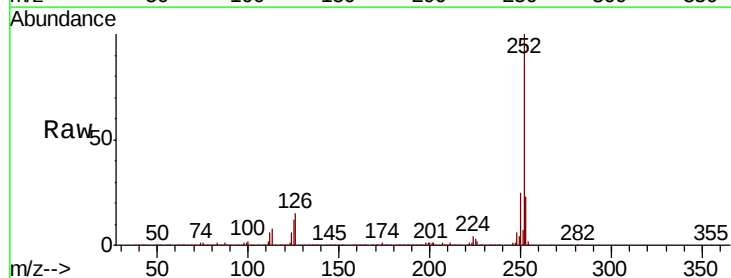
Tgt Ion:252 Resp: 1226829

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

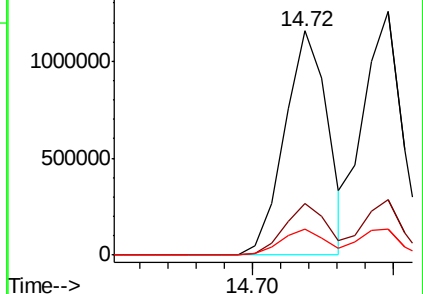
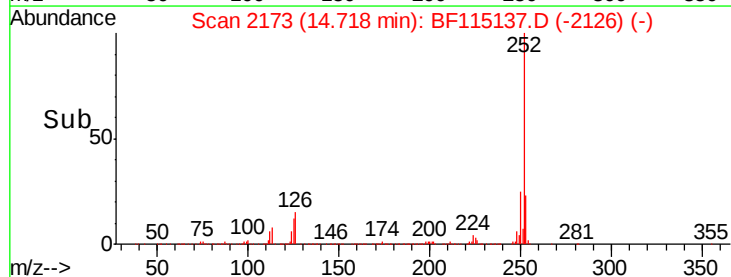
125 11.8 8.7 13.1

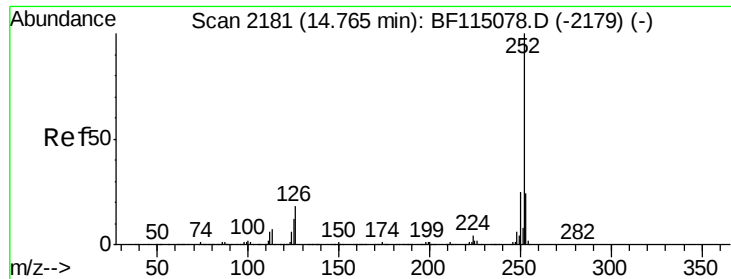


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

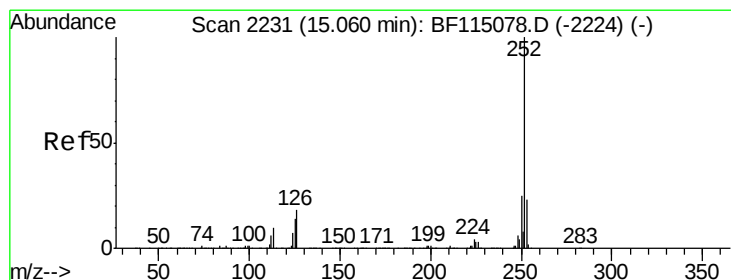
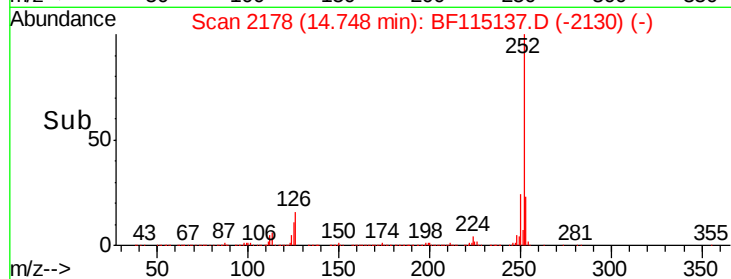
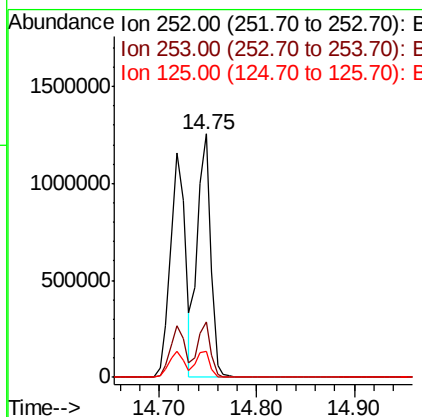
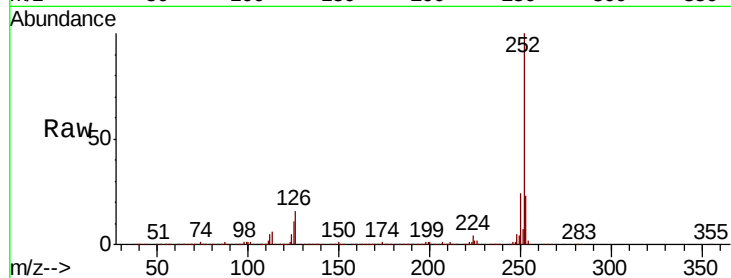




#89
Benzo(k)fluoranthene
Concen: 47.233 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

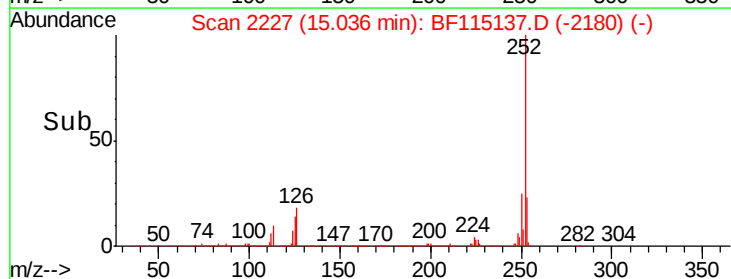
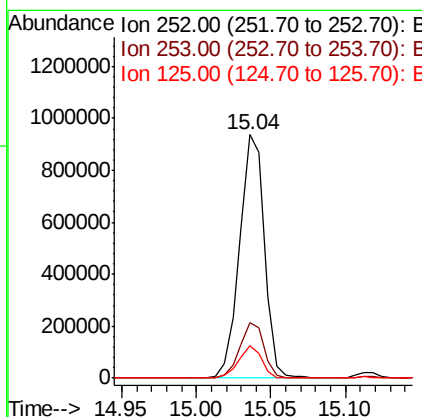
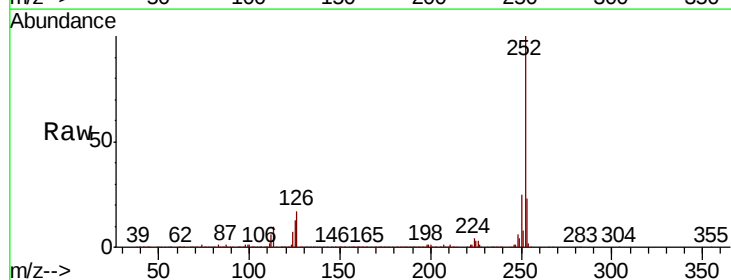
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

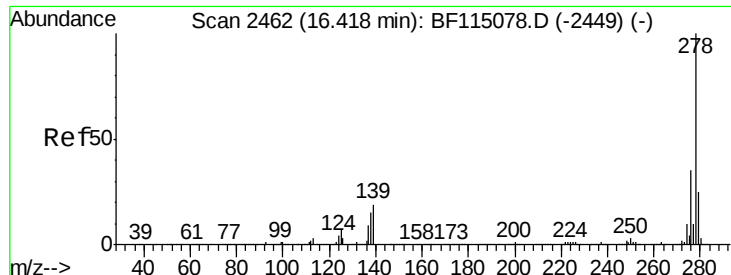
Tot Ion:252 Resp: 1190443
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 10.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 42.708 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion:252 Resp: 1081842
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 13.4 10.9 16.3

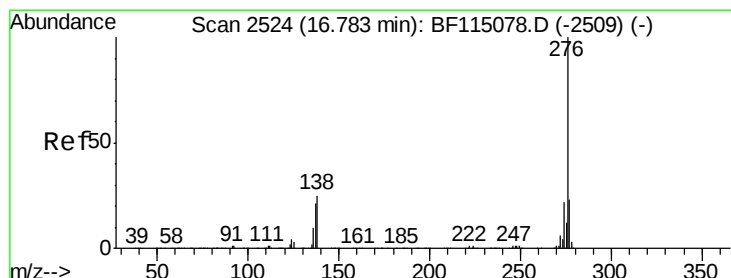
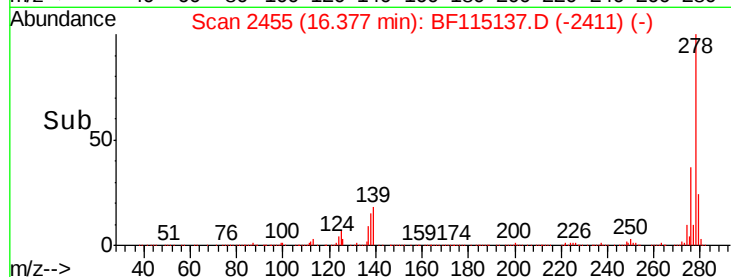
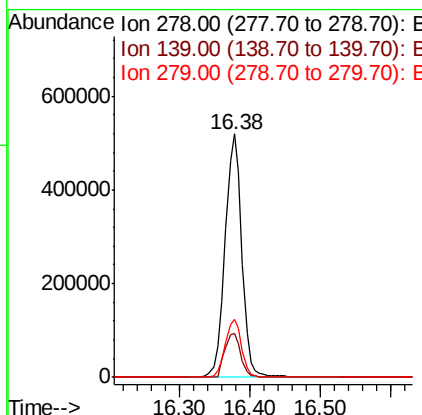
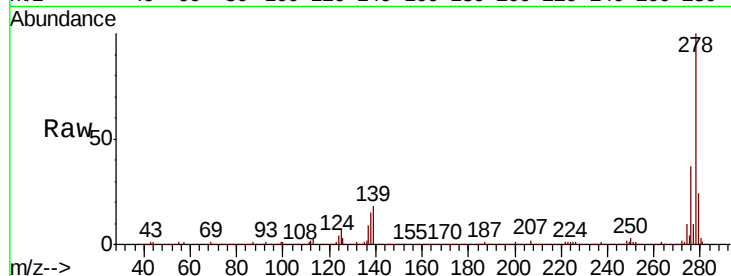




#91
Dibenzo(a,h)anthracene
Concen: 36.224 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.2
279	23.8	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 32.522 ng
RT: 16.74 min Scan# 2516
Delta R.T. -0.05 min
Lab File: BF115137.D
Acq: 22 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	25.0	19.8	29.6

