

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103283.D
 Acq On : 28 Feb 2018 1:07
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 04:08:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161098	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633423	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	250643	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	359221	20.00	ng	0.00
75) Chrysene-d12	14.06	240	253166	20.00	ng	0.00
86) Perylene-d12	15.56	264	197582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	846212	79.44	ng	0.00
7) Phenol-d6	6.52	99	1005461	77.14	ng	0.00
23) Nitrobenzene-d5	7.45	82	916562	82.64	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	125404	59.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1224289	83.87	ng	0.00
78) Terphenyl-d14	12.99	244	781235	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	228289	40.579	ng	92
3) Pyridine	3.40	79	609976	40.613	ng	97
4) n-Nitrosodimethylamine	3.36	42	270575	44.670	ng	# 90
6) Aniline	6.54	93	728292	38.717	ng	92
8) 2-Chlorophenol	6.66	128	421282	38.073	ng	92
9) Benzaldehyde	6.43	77	322698	41.049	ng	95
10) Phenol	6.53	94	577382	38.159	ng	85
11) bis(2-Chloroethyl)ether	6.61	93	459839	40.042	ng	92
12) 1,3-Dichlorobenzene	6.82	146	484775	38.337	ng	97
13) 1,4-Dichlorobenzene	6.89	146	485943	38.330	ng	100
14) 1,2-Dichlorobenzene	7.05	146	442329	37.838	ng	99
15) Benzyl Alcohol	7.02	79	381764	38.870	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	740078	37.529	ng	91
17) 2-Methylphenol	7.13	107	375592	37.351	ng	# 93
18) Hexachloroethane	7.38	117	137134	29.713	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	309489	38.153	ng	96
20) 3+4-Methylphenols	7.29	107	434893	35.479	ng	# 60
22) Acetophenone	7.29	105	578197	39.107	ng	# 85
24) Nitrobenzene	7.46	77	511708	41.903	ng	94
25) Isophorone	7.70	82	875063	40.058	ng	97
26) 2-Nitrophenol	7.77	139	181169	31.514	ng	90
27) 2,4-Dimethylphenol	7.81	122	351123	39.958	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	519017	40.411	ng	99
29) 2,4-Dichlorophenol	8.02	162	326693	38.831	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	346710	38.699	ng	99
31) Naphthalene	8.18	128	1172104	37.796	ng	99
32) Benzoic acid	7.93	122	190193	31.885	ng	93
33) 4-Chloroaniline	8.23	127	512798	38.320	ng	97
34) Hexachlorobutadiene	8.29	225	180774	38.748	ng	99
35) Caprolactam	8.61	113	114924	38.867	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	357260	37.649	ng	98
37) 2-Methylnaphthalene	8.87	142	740833	36.964	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	284443	41.512	ng	98
40) Hexachlorocyclopentadiene	9.02	237	269	8.981	ng	# 60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	184943	40.113	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	198599	37.451	nq	95
45) 1,1'-Biphenyl	9.33	154	854608	40.690	nq	99
46) 2-Chloronaphthalene	9.36	162	663274	39.918	nq	100
47) 2-Nitroaniline	9.46	65	284811	46.274	nq	83
48) Acenaphthylene	9.78	152	988207	38.654	nq	99
49) Dimethylphthalate	9.63	163	826845	41.122	nq	99
50) 2,6-Dinitrotoluene	9.70	165	151761	35.966	nq	# 85
51) Acenaphthene	9.95	154	568612	38.143	nq	99
52) 3-Nitroaniline	9.87	138	224819	41.996	nq	93
53) 2,4-Dinitrophenol	10.02	184	125	9.693	nq	# 1
54) Dibenzofuran	10.12	168	788562	38.534	nq	94
55) 4-Nitrophenol	10.05	139	93760	28.259	nq	93
56) 2,4-Dinitrotoluene	10.11	165	173462	32.505	nq	# 80
57) Fluorene	10.47	166	601904	34.527	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	112367	31.544	nq	92
59) Diethylphthalate	10.33	149	767676	39.919	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	280732	37.975	nq	94
61) 4-Nitroaniline	10.49	138	212253	39.695	nq	99
62) Azobenzene	10.62	77	755313	38.586	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	1610	5.606	nq	# 77
65) n-Nitrosodiphenylamine	10.57	169	544899	43.566	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	153790	41.098	nq	100
67) Hexachlorobenzene	11.02	284	154550	38.052	nq	95
68) Atrazine	11.10	200	138002	36.709	nq	99
69) Pentachlorophenol	11.22	266	60083	30.595	nq	97
70) Phenanthrene	11.43	178	753450	38.113	nq	99
71) Anthracene	11.49	178	773852	38.174	nq	99
72) Carbazole	11.64	167	767248	38.006	nq	99
73) Di-n-butylphthalate	11.96	149	1063660	42.108	nq	99
74) Fluoranthene	12.63	202	721131	36.300	nq	99
76) Benzidine	12.75	184	412260	43.558	nq	99
77) Pyrene	12.86	202	765268	38.771	nq	99
79) Butylbenzylphthalate	13.46	149	416298	39.919	nq	90
80) Benzo(a)anthracene	14.05	228	642150	39.093	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	250375	42.710	nq	100
82) Chrysene	14.09	228	604637	37.909	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	569143	40.442	nq	# 100
84) Di-n-octyl phthalate	14.64	149	952830	41.905	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.09	276	423119	33.509	nq	97
87) Benzo(b)fluoranthene	15.12	252	503592	38.765	nq	99
88) Benzo(k)fluoranthene	15.15	252	509899	41.682	nq	99
89) Benzo(a)pyrene	15.50	252	452052	38.967	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	356765	39.799	nq	99
91) Benzo(g,h,i)perylene	17.55	276	340682	38.886	nq	97

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

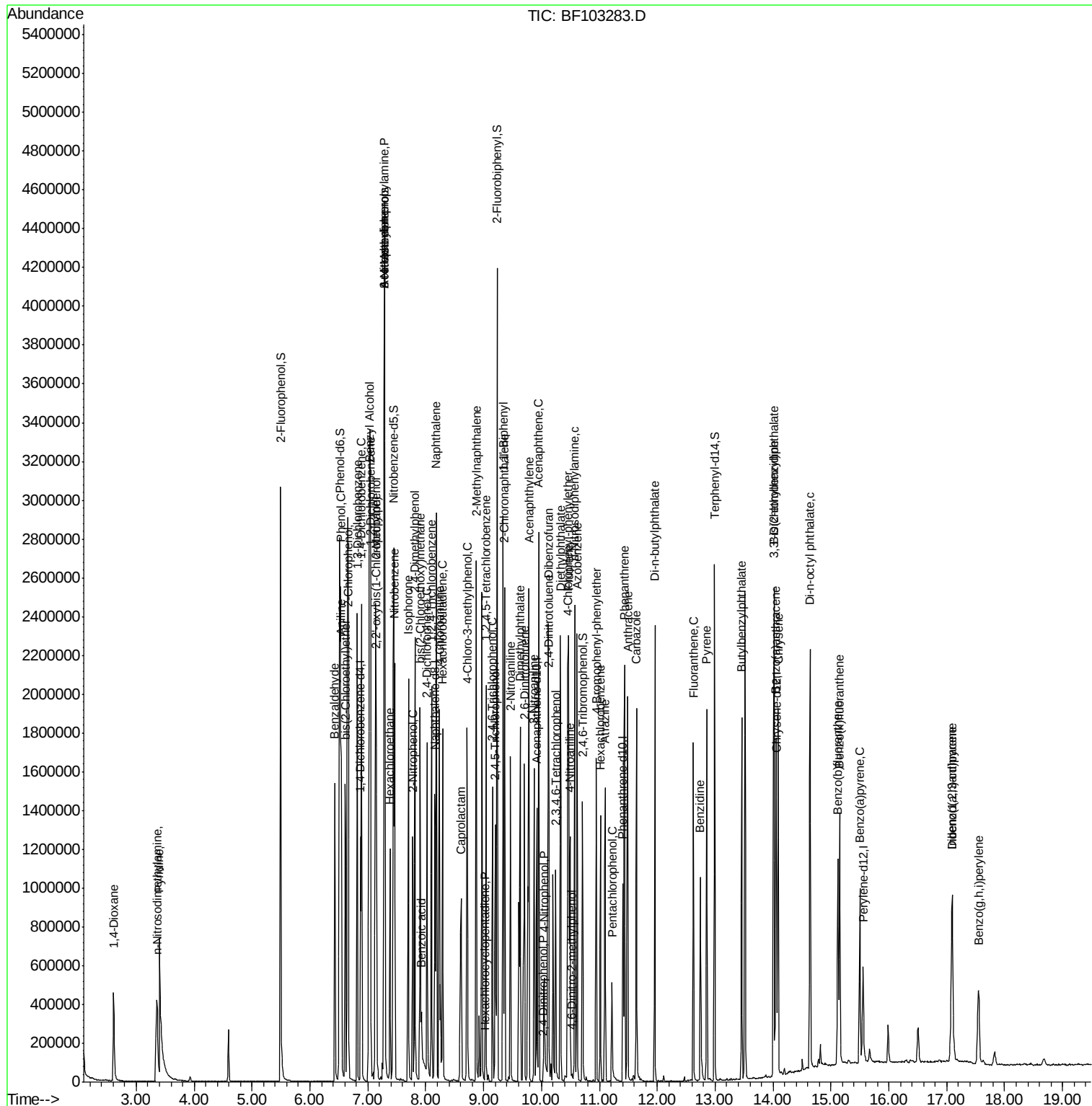
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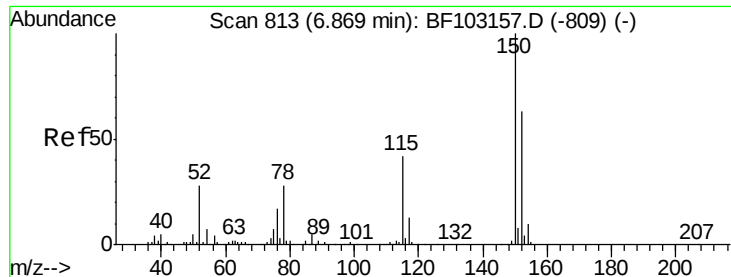
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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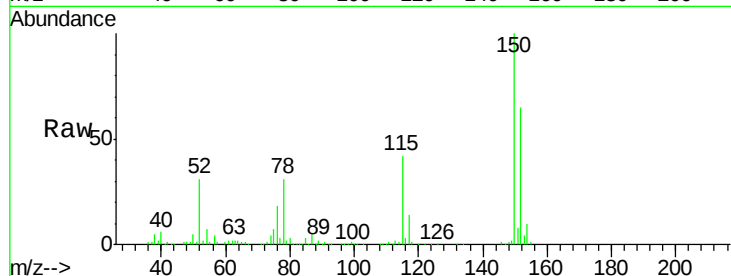


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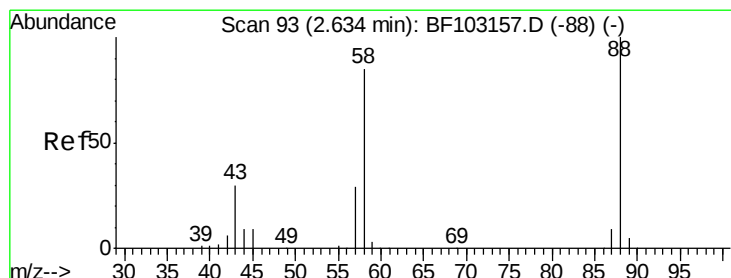
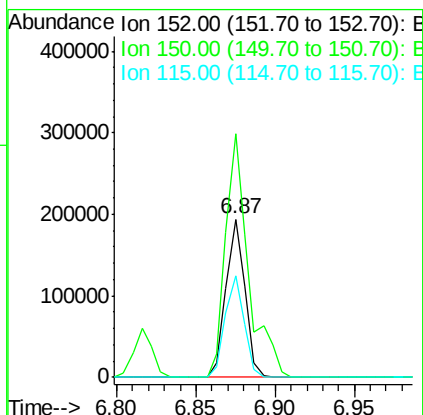
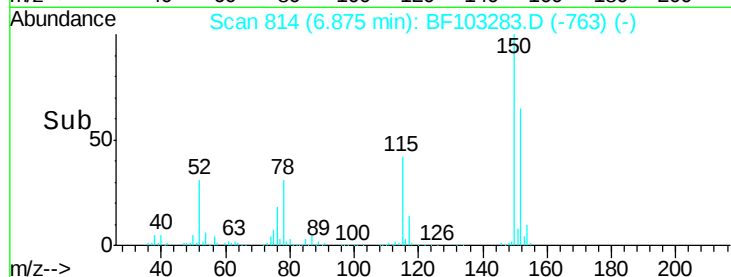
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 161098
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 63.9 50.1 75.1



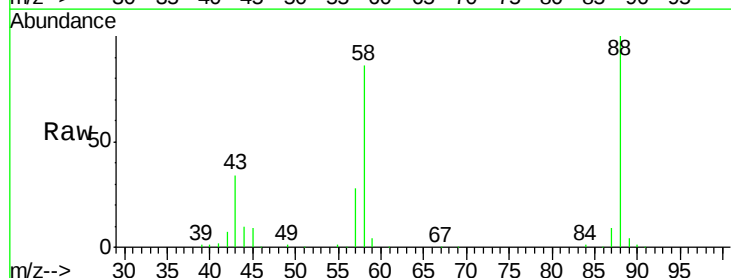
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



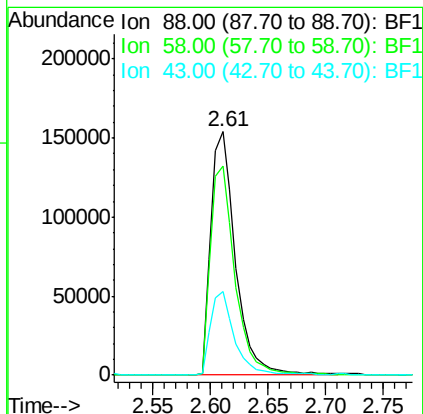
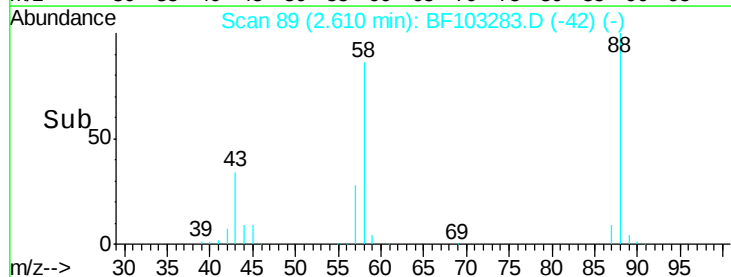
#2

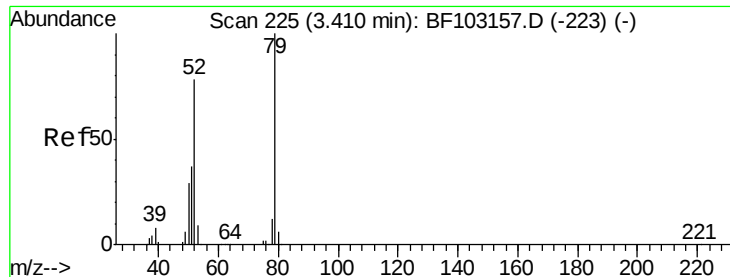
1,4-Dioxane
Concen: 40.579 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.02 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 88 Resp: 228289
Ion Ratio Lower Upper
88 100
58 86.0 62.6 93.8
43 34.4 24.6 37.0



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: 40.613 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

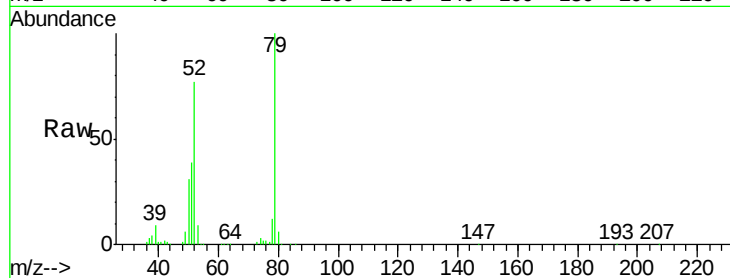
Tot Ion: 79 Resp: 609976

Ion Ratio Lower Upper

79 100

52 76.8 59.8 89.6

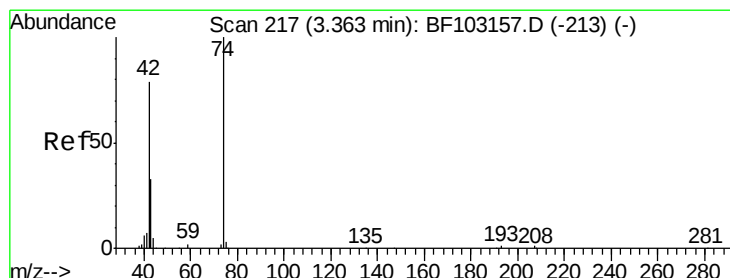
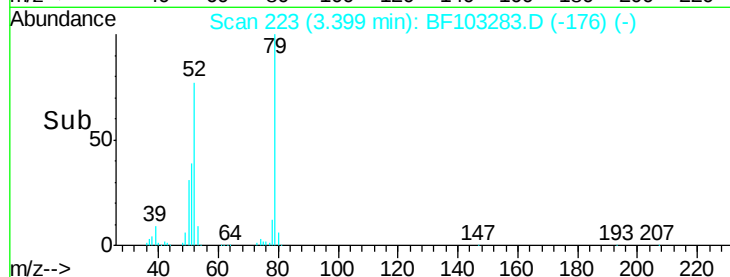
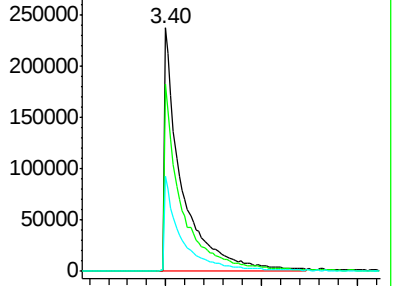
51 39.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.670 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.02 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

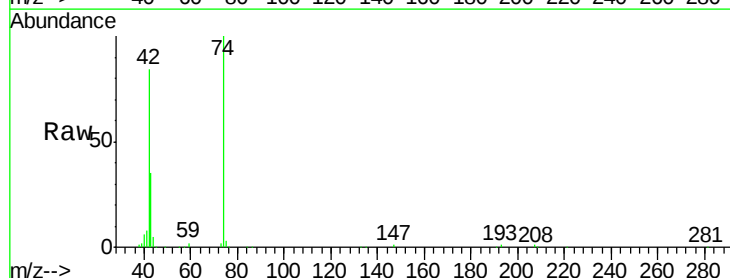
Tgt Ion: 42 Resp: 270575

Ion Ratio Lower Upper

42 100

74 119.6 104.9 157.3

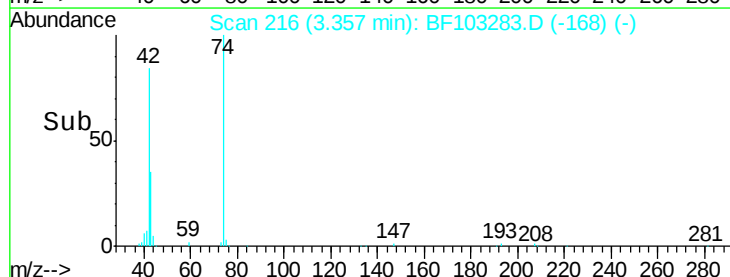
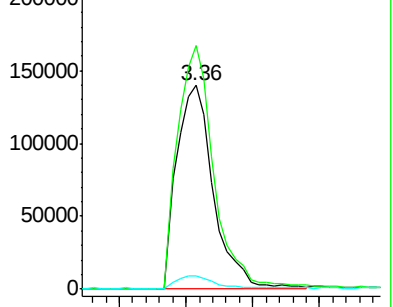
44 6.5 6.9 10.3#

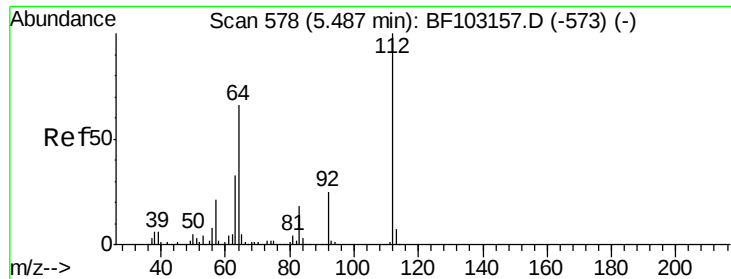


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.445 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

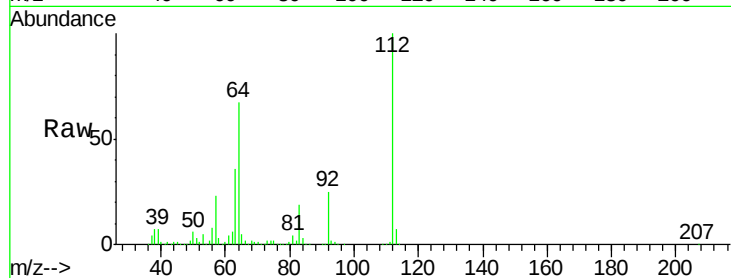
Tot Ion:112 Resp: 846212

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

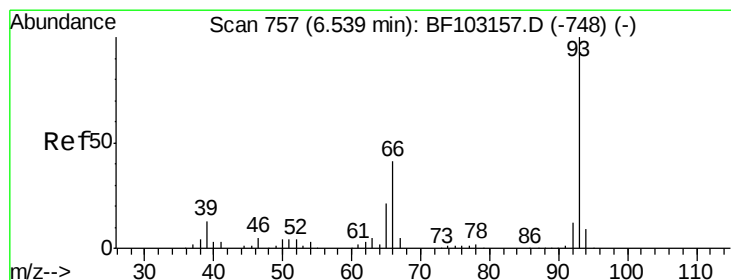
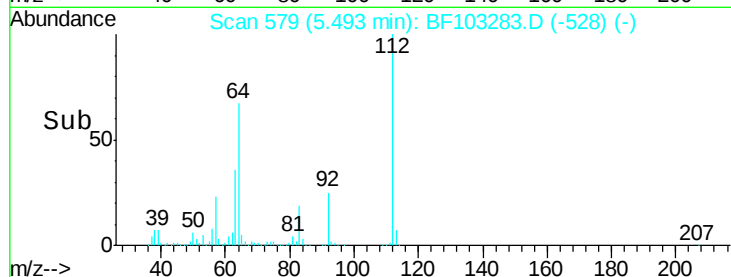
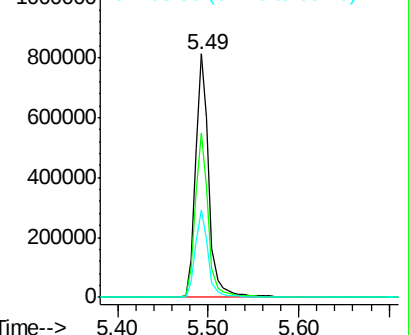
63 36.0 23.7 35.5#



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: 38.717 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

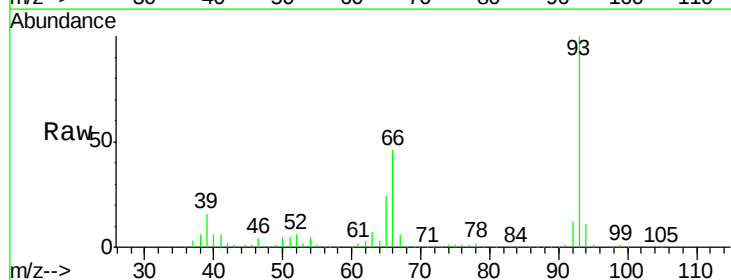
Tgt Ion: 93 Resp: 728292

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

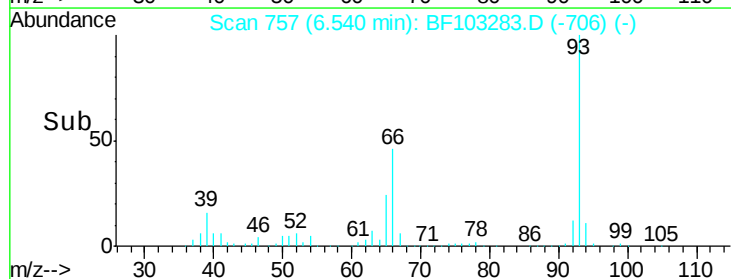
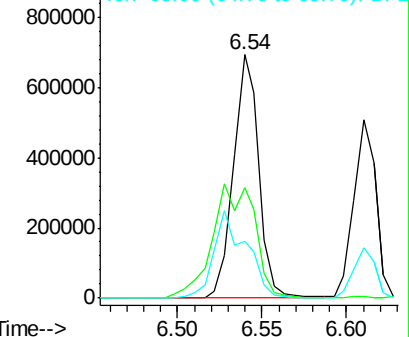
65 23.5 16.4 24.6

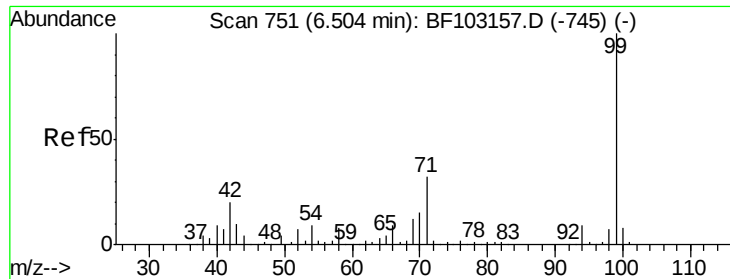


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.142 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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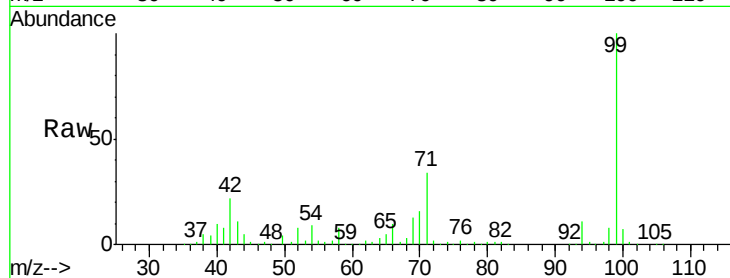
Tot Ion: 99 Resp: 1005461

Ion Ratio Lower Upper

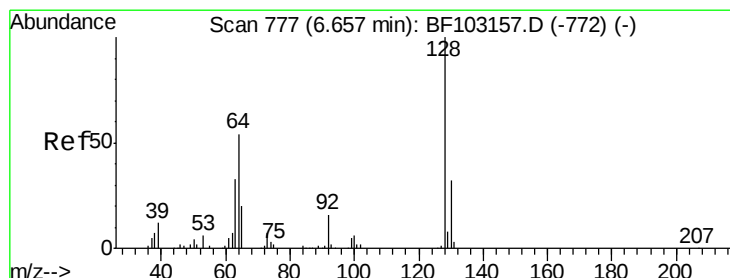
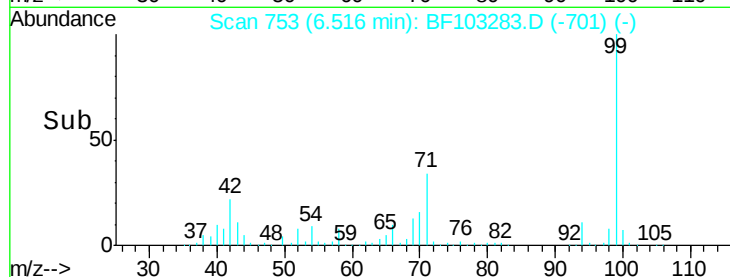
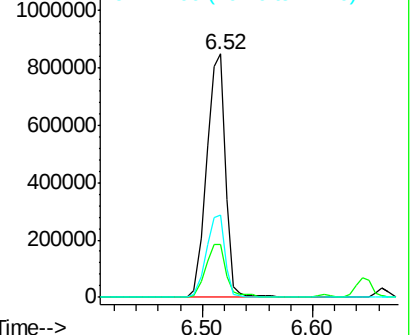
99 100

42 21.6 14.5 21.7

71 33.6 25.4 38.0



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: 38.073 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

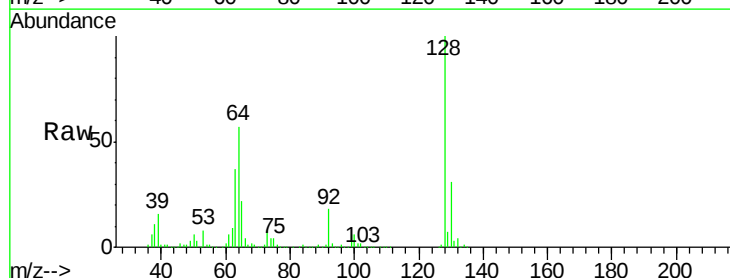
Tgt Ion: 128 Resp: 421282

Ion Ratio Lower Upper

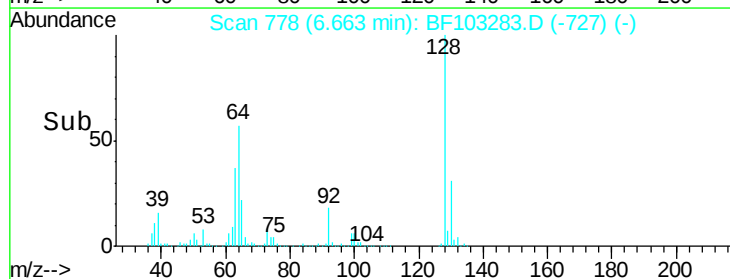
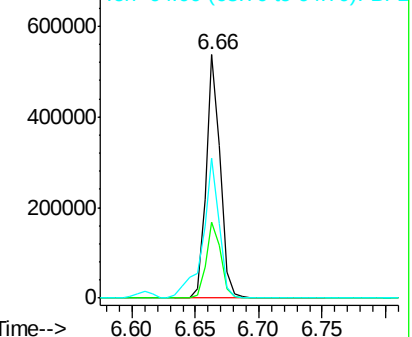
128 100

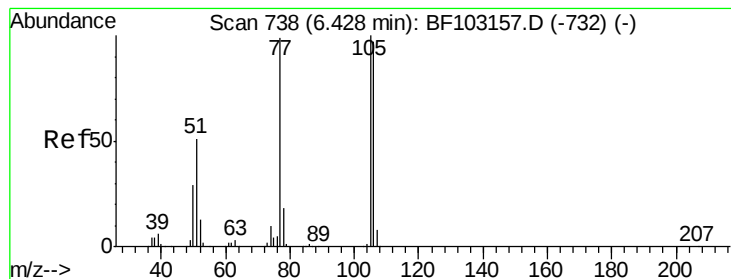
130 31.2 13.0 53.0

64 57.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 41.049 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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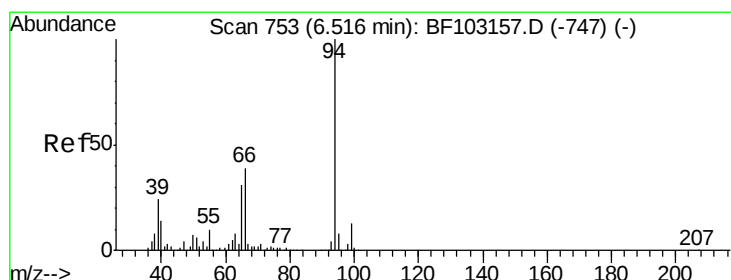
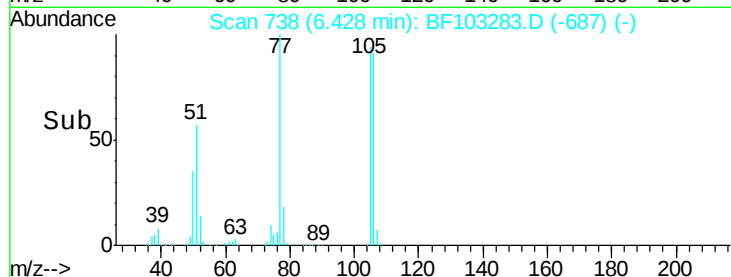
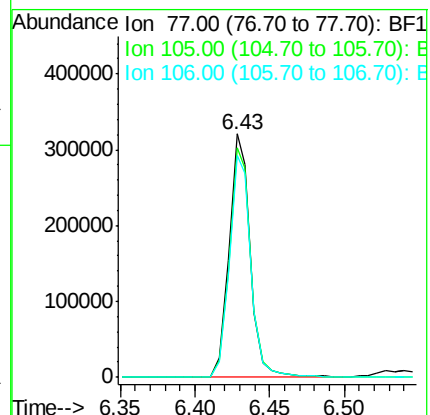
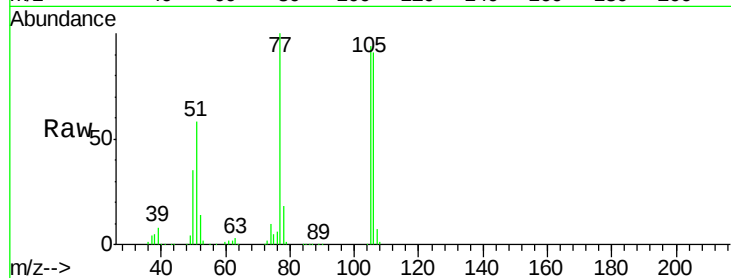
Tot Ion: 77 Resp: 322698

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

106 91.3 74.5 114.5



#10

Phenol

Concen: 38.159 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

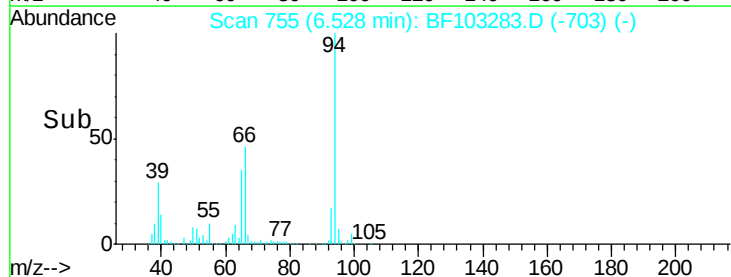
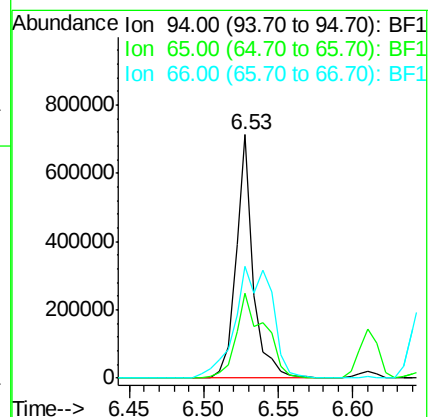
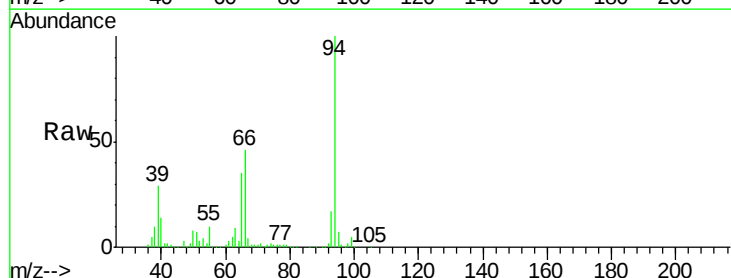
Tgt Ion: 94 Resp: 577382

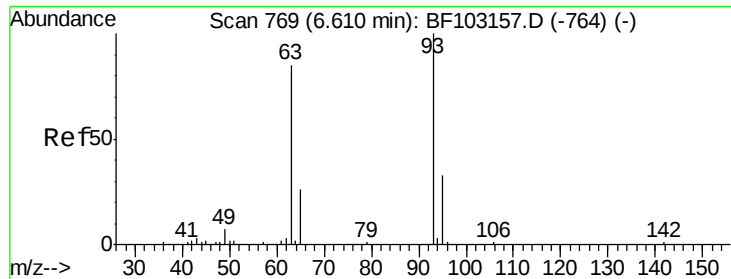
Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

66 45.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.042 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

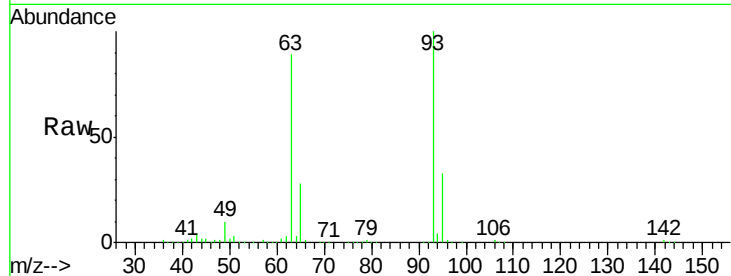
Tot Ion: 93 Resp: 459839

Ion Ratio Lower Upper

93 100

63 88.6 58.6 98.6

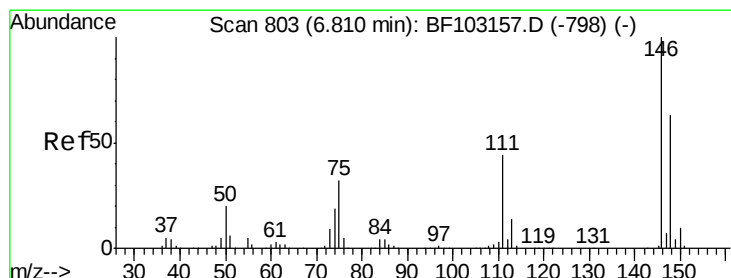
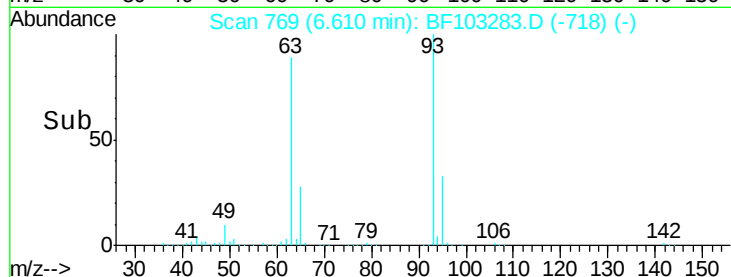
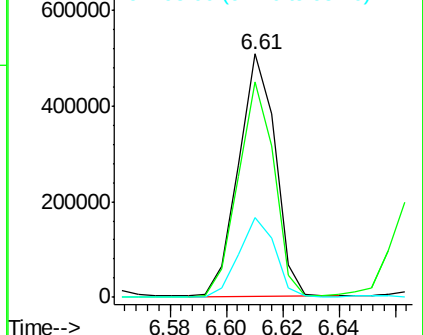
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.337 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

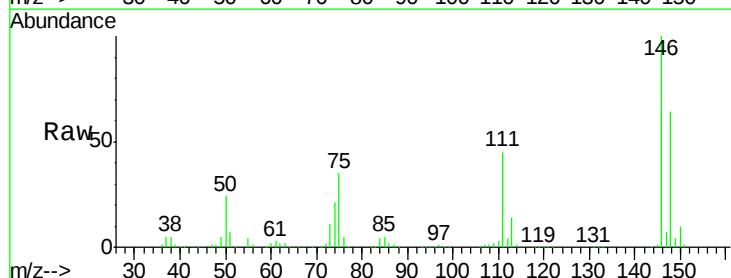
Tgt Ion: 146 Resp: 484775

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

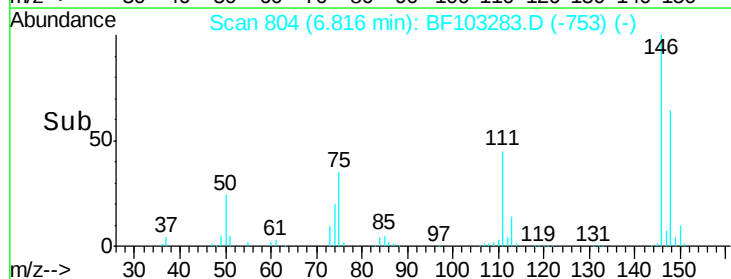
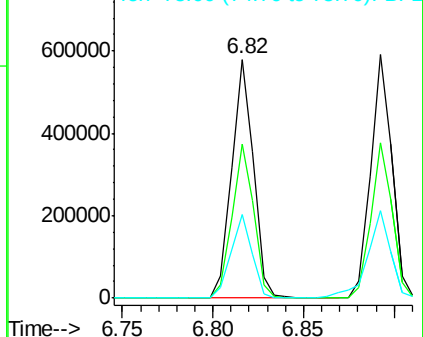
75 35.3 24.2 36.4

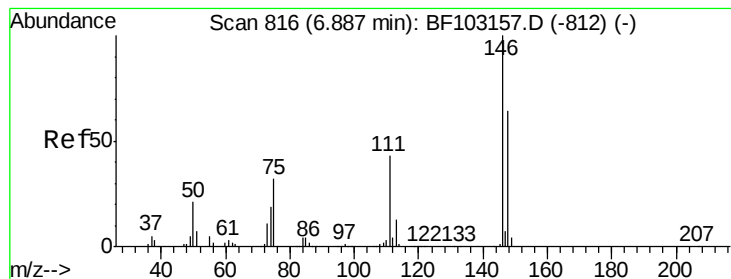


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.330 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

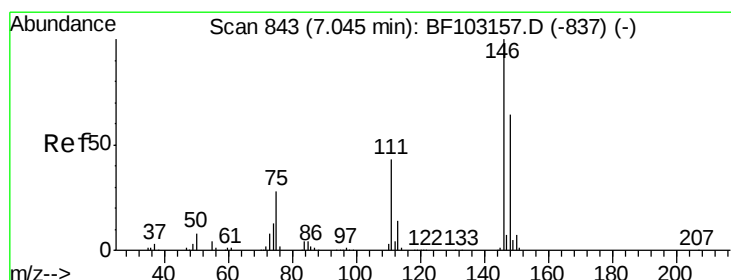
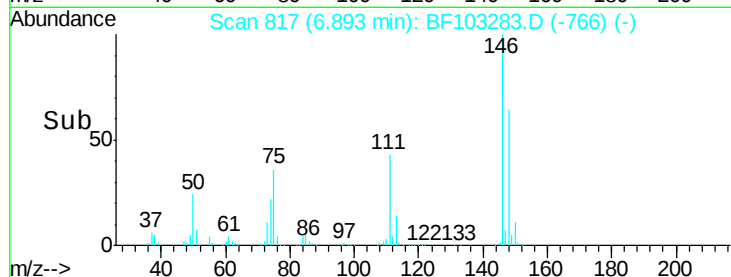
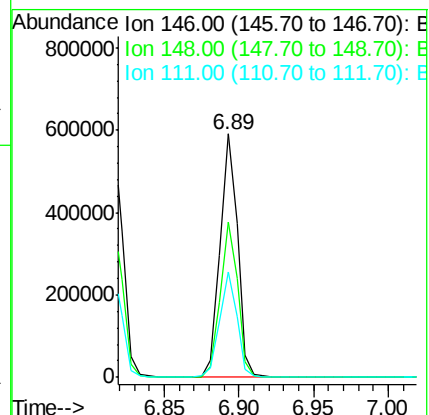
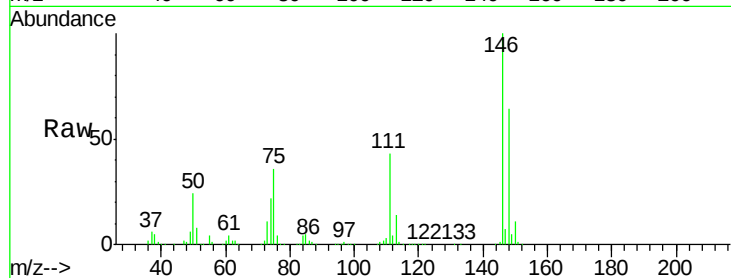
Tot Ion:146 Resp: 485943

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 43.0 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 37.838 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

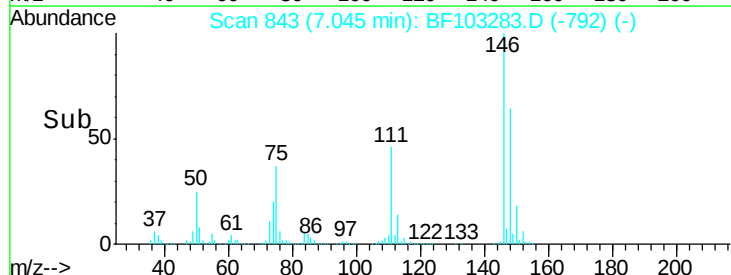
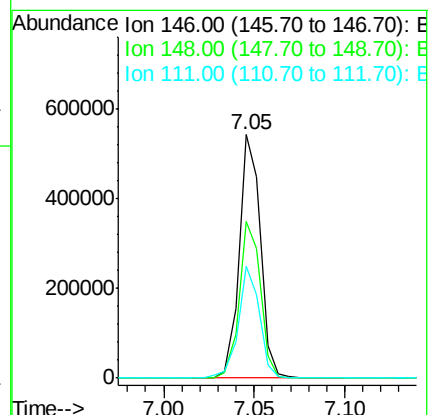
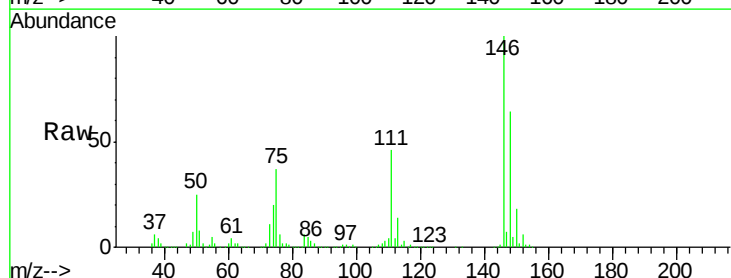
Tgt Ion:146 Resp: 442329

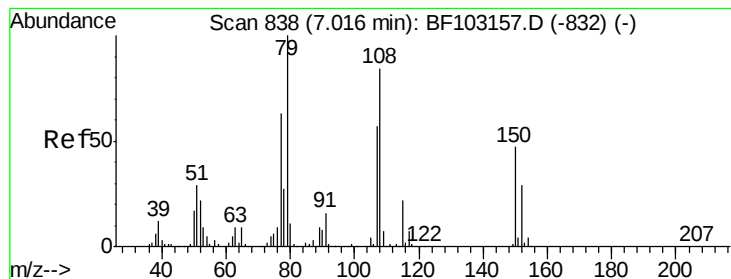
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 46.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.870 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

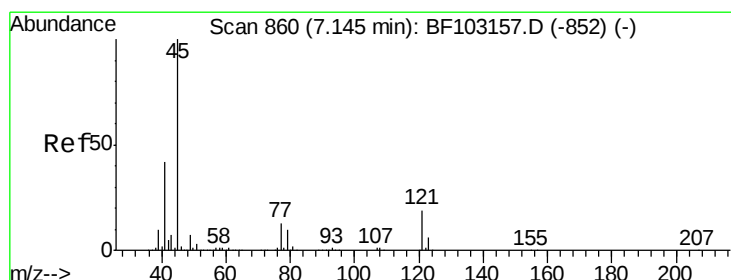
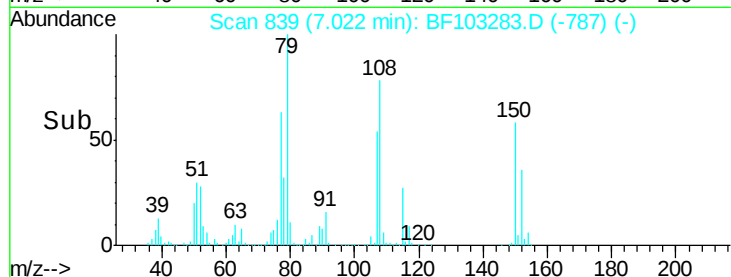
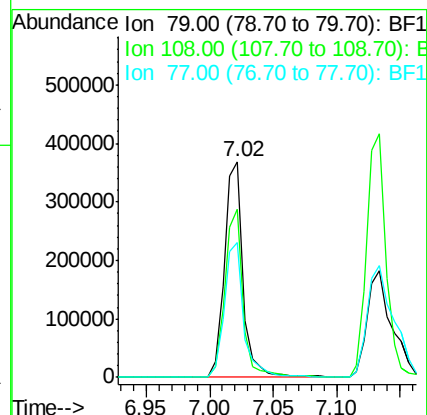
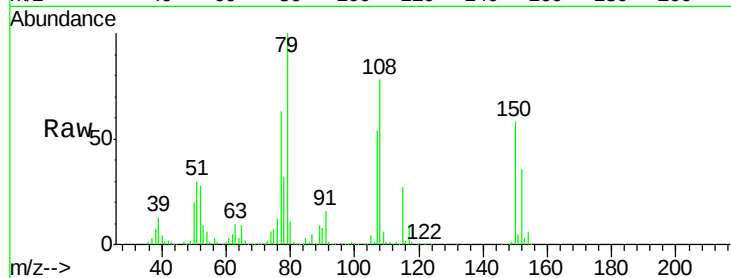
Tot Ion: 79 Resp: 381764

Ion Ratio Lower Upper

79 100

108 78.0 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.529 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

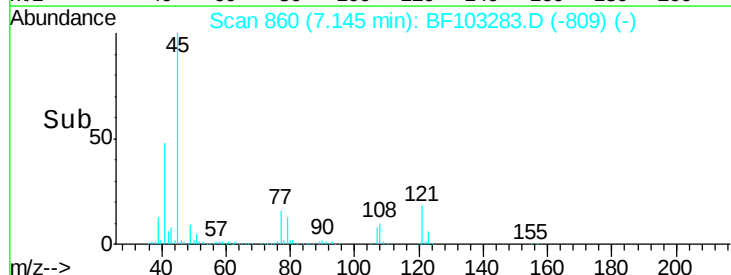
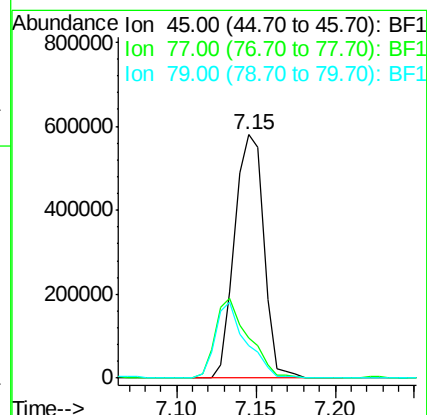
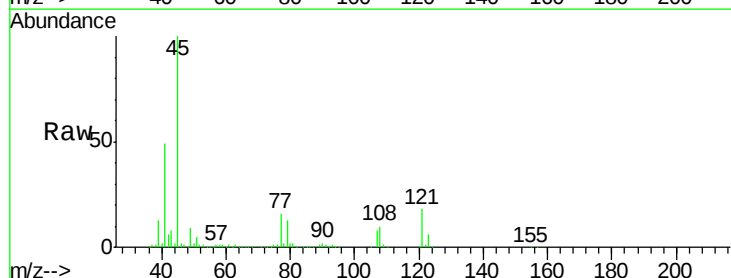
Tgt Ion: 45 Resp: 740078

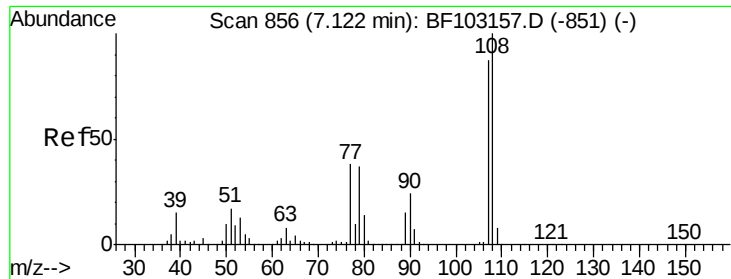
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 13.1 0.0 29.6

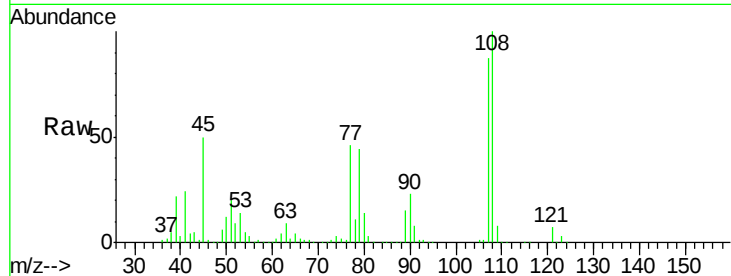




#17
2-Methylphenol
Concen: 37.351 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.7	137.5
77	52.8	33.8	50.8#
79	50.5	33.8	50.8



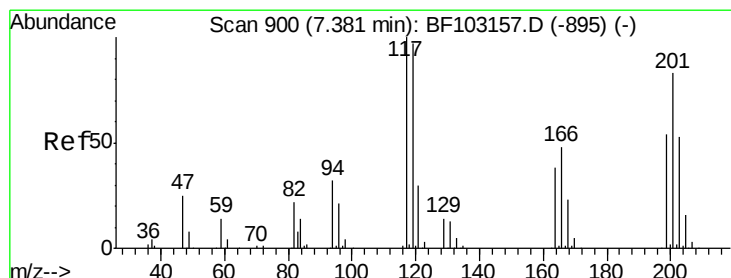
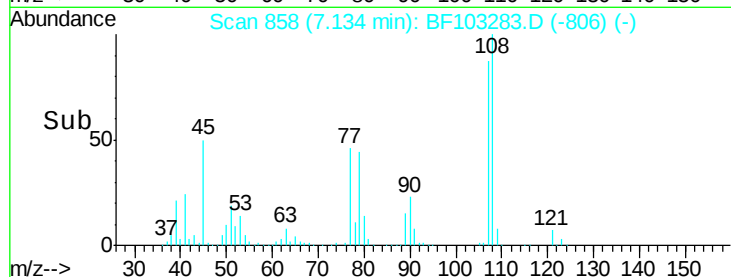
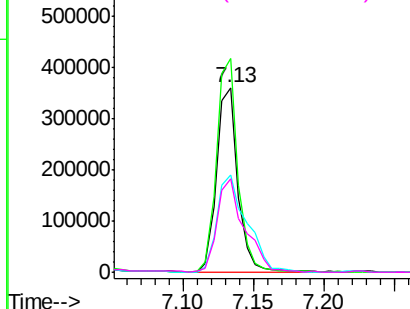
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

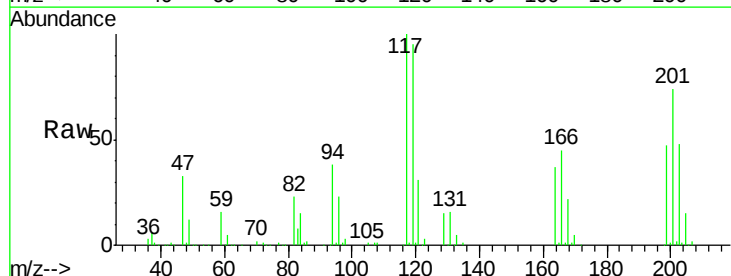
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.713 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	73.8	75.7	113.5#

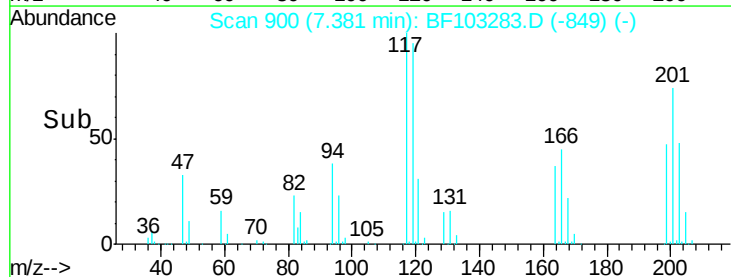
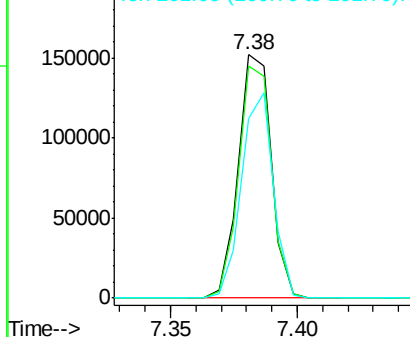


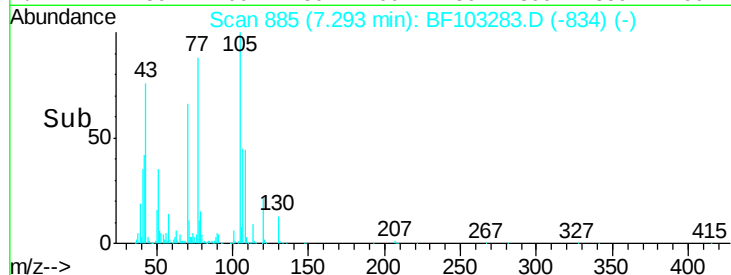
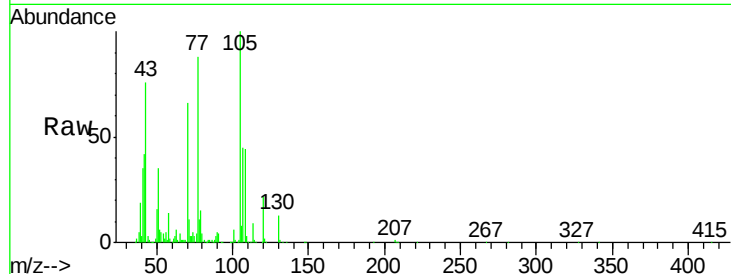
Abundance

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

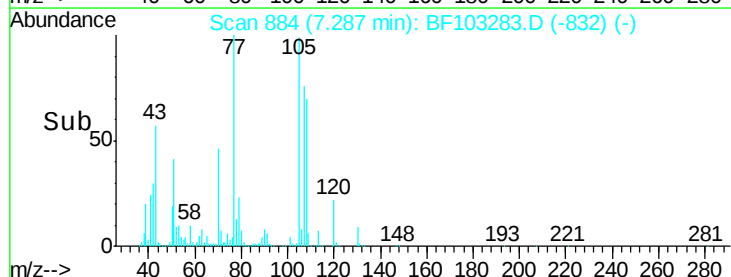
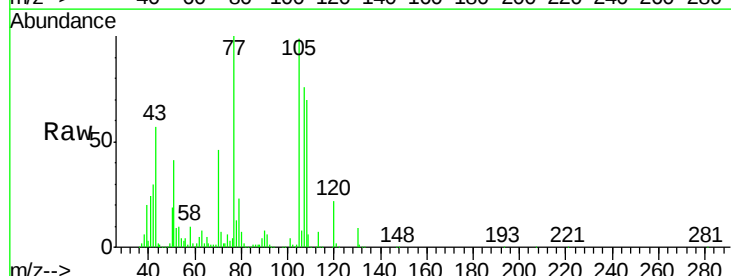
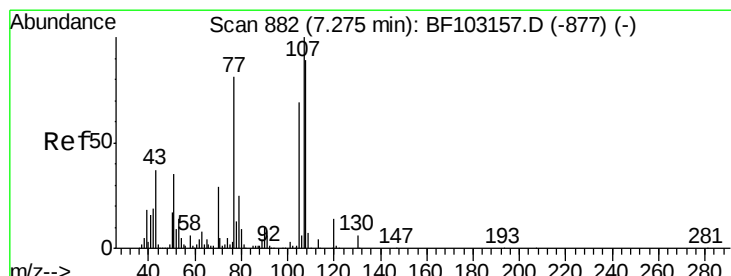
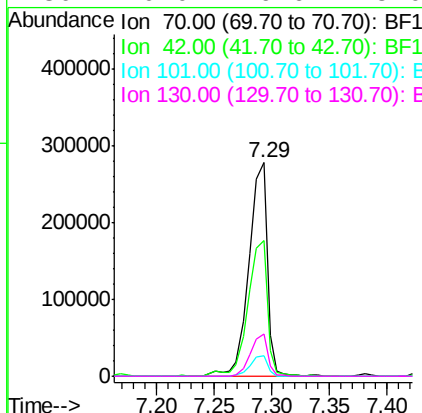




#19
n-Nitroso-di-n-propylamine
Concen: 38.153 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

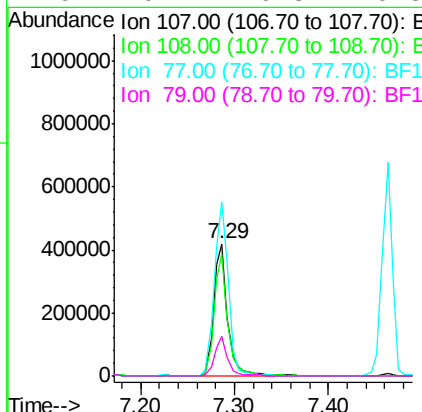
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

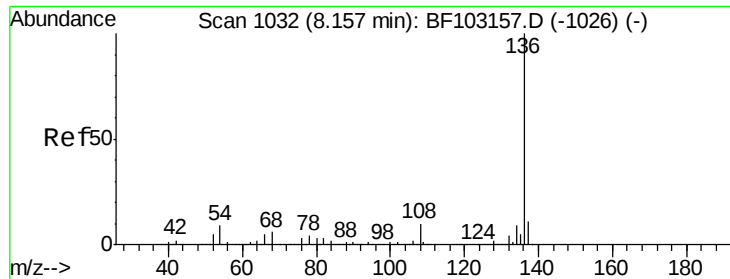
Tot Ion: 70 Resp: 309489
Ion Ratio Lower Upper
70 100
42 63.4 47.5 71.3
101 9.8 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.479 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:107 Resp: 434893
Ion Ratio Lower Upper
107 100
108 92.5 68.2 108.2
77 131.3 26.7 66.7#
79 29.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 633423

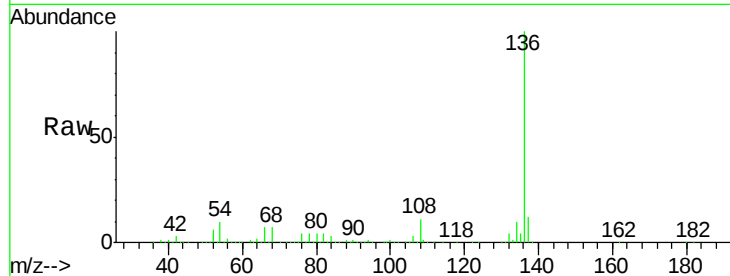
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.9 6.6 9.8#

68 6.8 5.0 7.4

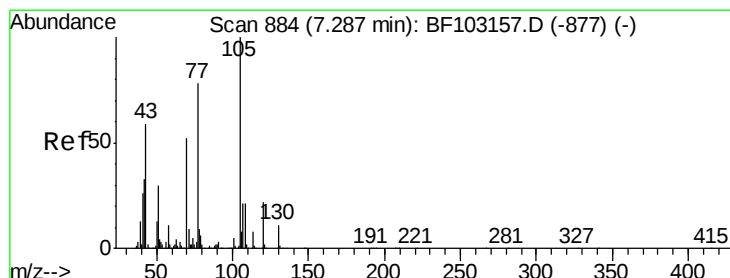
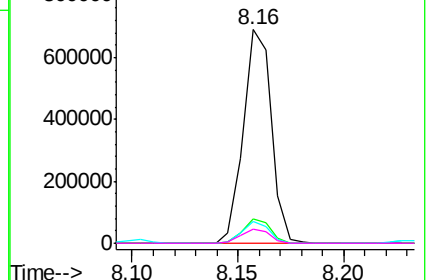
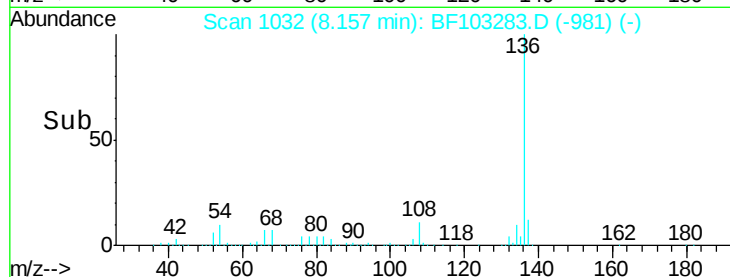


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.107 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:105 Resp: 578197

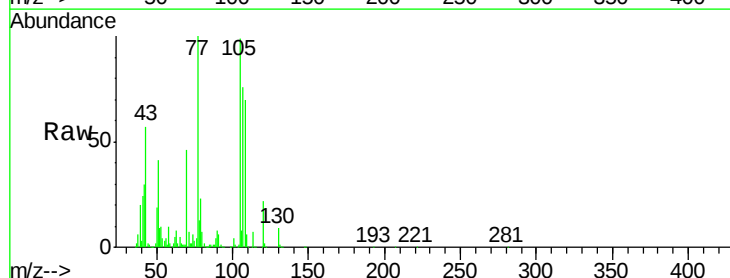
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 41.8 22.3 33.5#

120 21.8 16.9 25.3

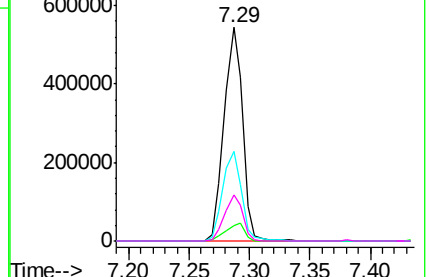
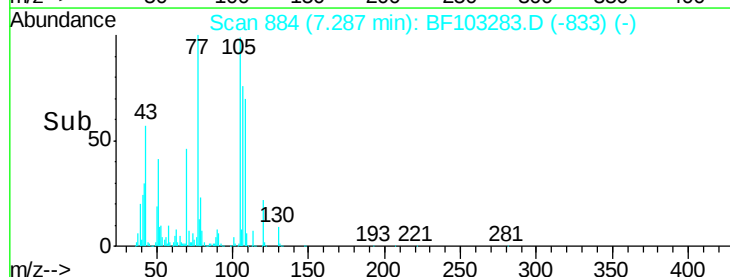


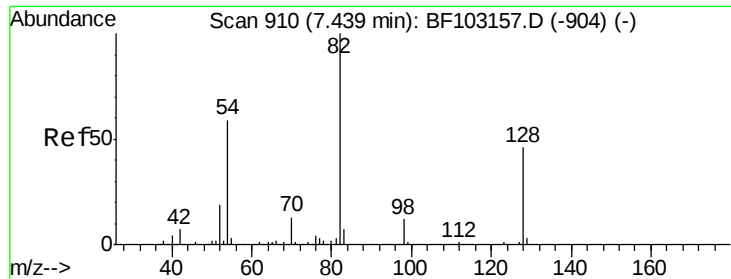
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

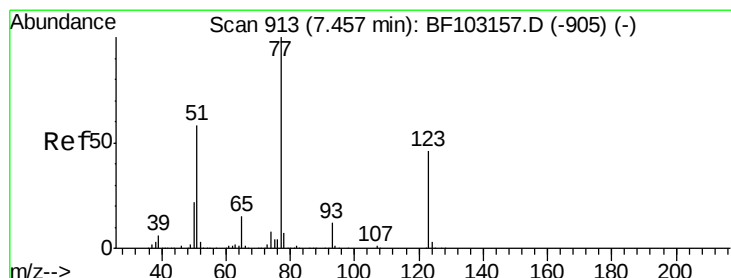
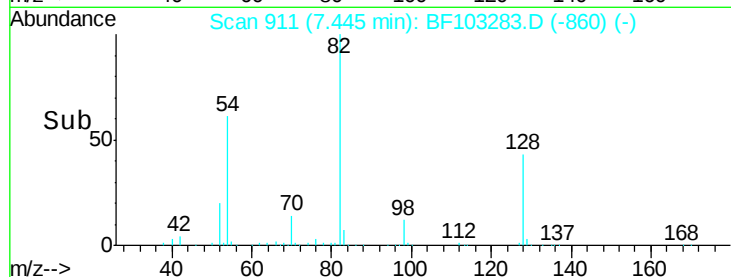
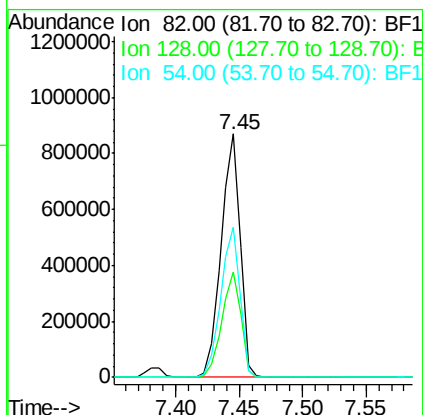
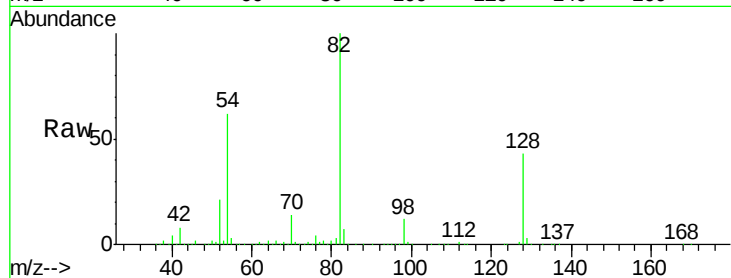




#23
Nitrobenzene-d5
Concen: 82.636 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

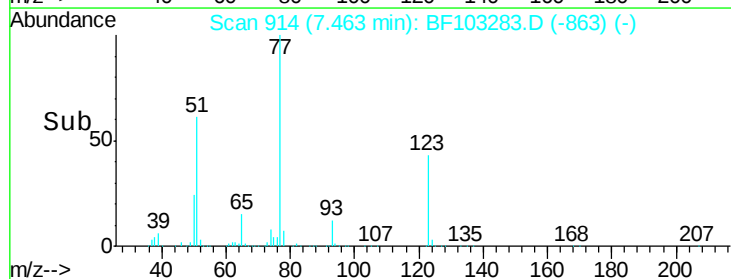
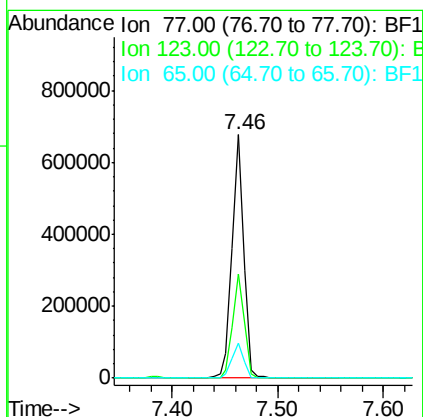
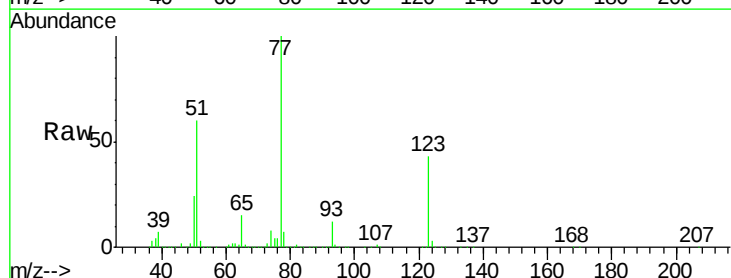
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

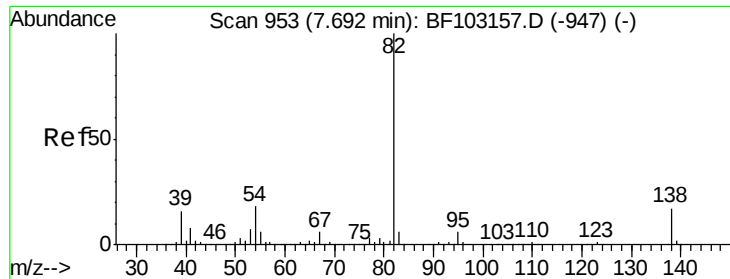
Tot Ion	82	Resp	916562
Ion Ratio	Lower	Upper	
82	100		
128	43.4	36.1	54.1
54	61.8	41.4	62.2



#24
Nitrobenzene
Concen: 41.903 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion	77	Resp	511708
Ion Ratio	Lower	Upper	
77	100		
123	42.9	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 40.058 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

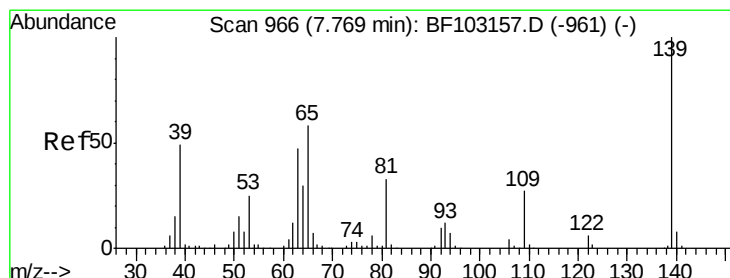
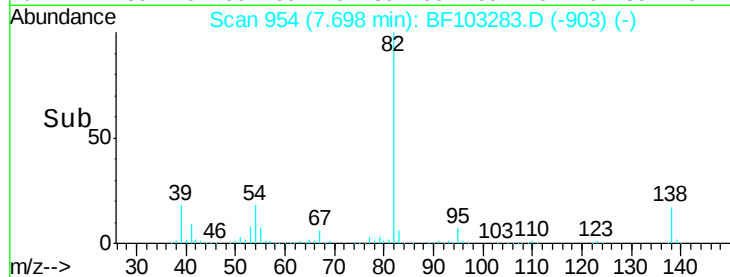
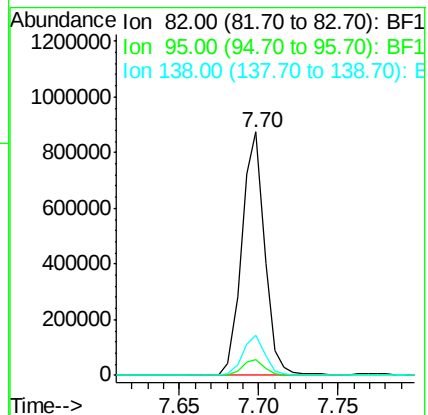
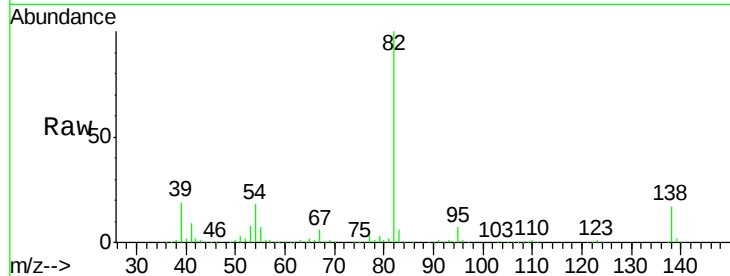
Tot Ion: 82 Resp: 875063

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.7 14.9 22.3



#26

2-Nitrophenol

Concen: 31.514 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

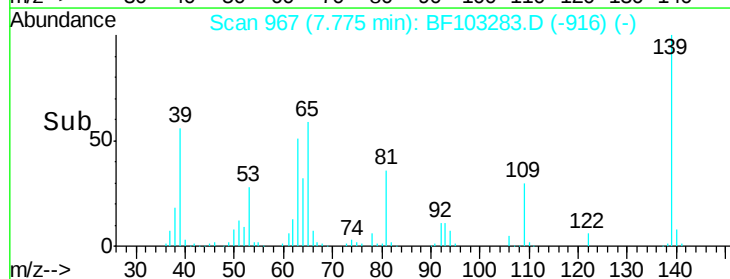
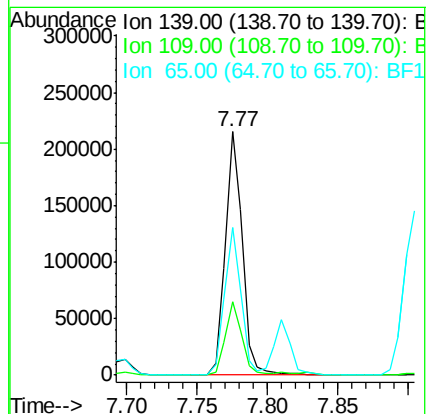
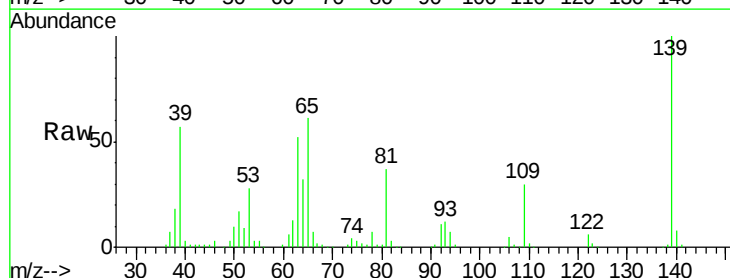
Tgt Ion: 139 Resp: 181169

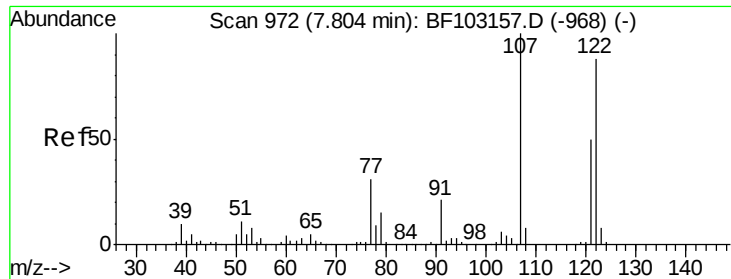
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 60.6 40.5 60.7

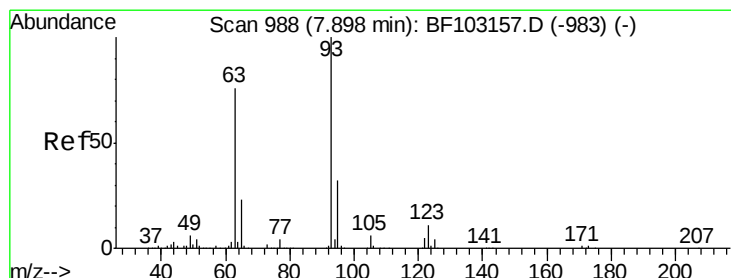
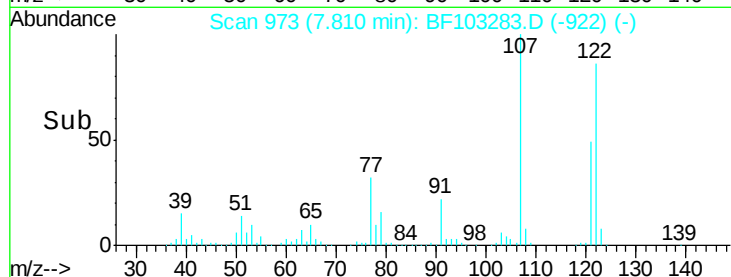
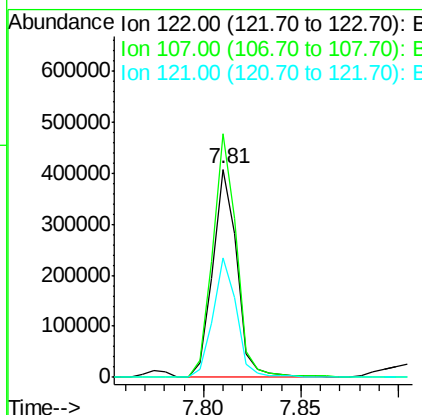
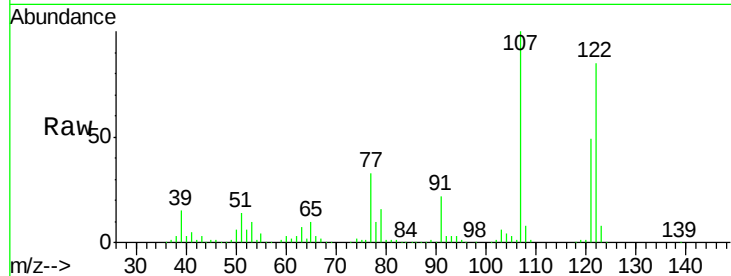




#27
2,4-Dimethylphenol
Concen: 39.958 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

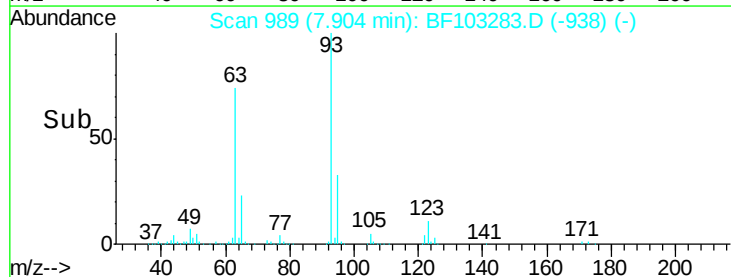
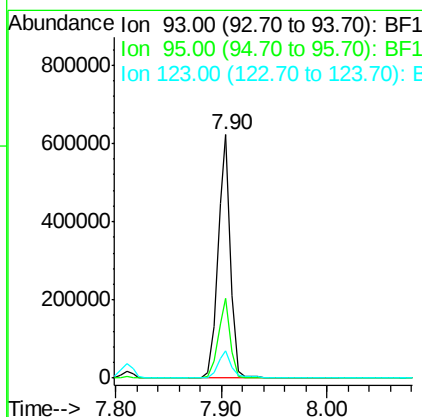
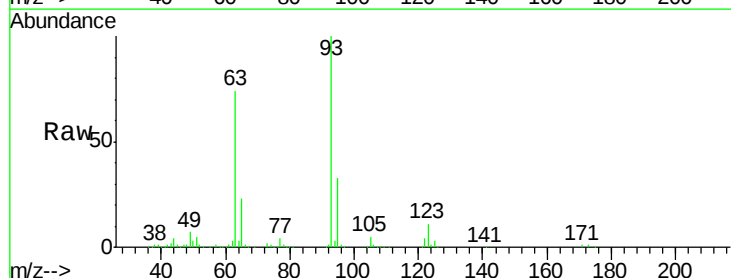
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 351123
Ion Ratio Lower Upper
122 100
107 117.0 91.2 136.8
121 57.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.411 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 93 Resp: 519017
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.4 9.8 14.6

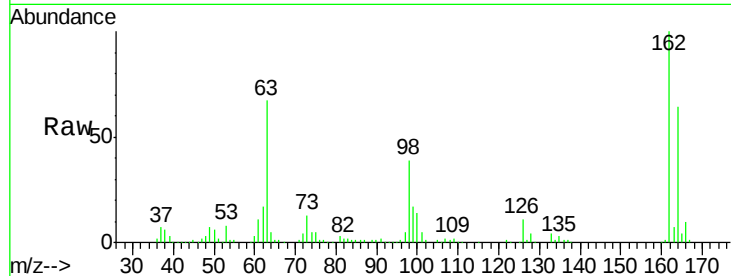




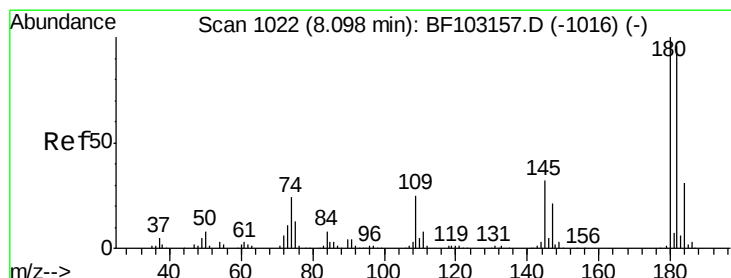
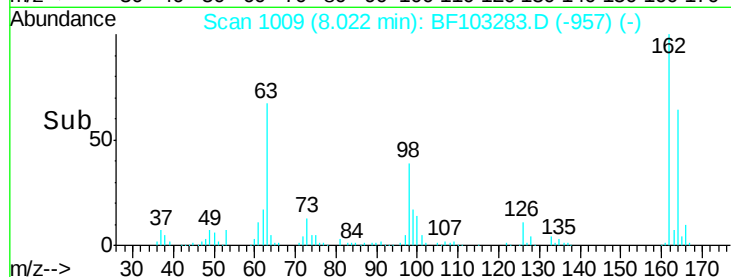
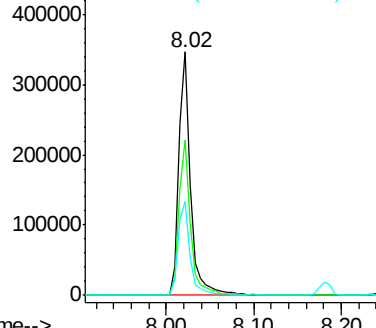
#29
 2,4-Dichlorophenol
 Concen: 38.831 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 326693
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 38.7 18.1 58.1

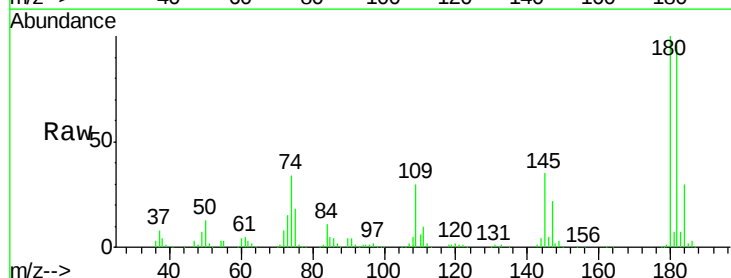


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

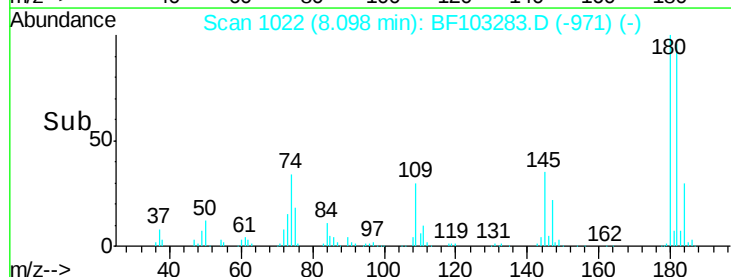
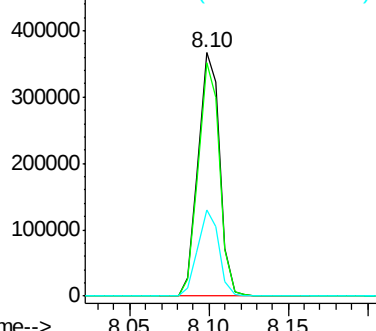


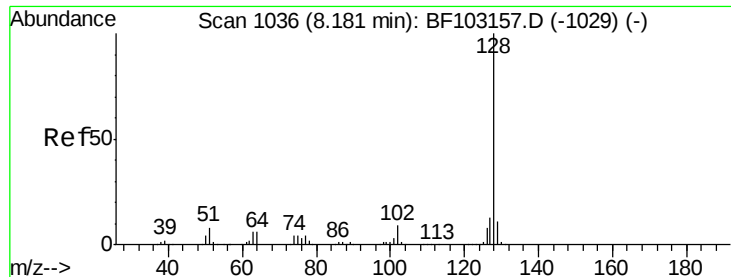
#30
 1,2,4-Trichlorobenzene
 Concen: 38.699 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:180 Resp: 346710
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.8 115.2
 145 35.3 26.5 39.7



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

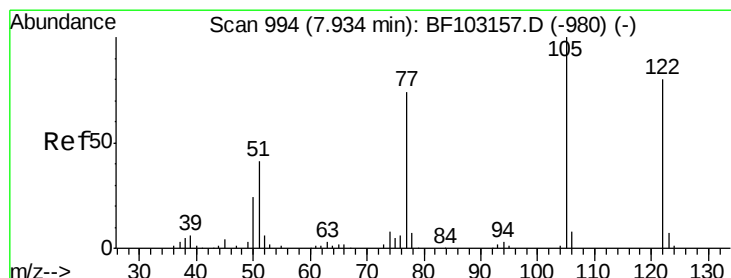
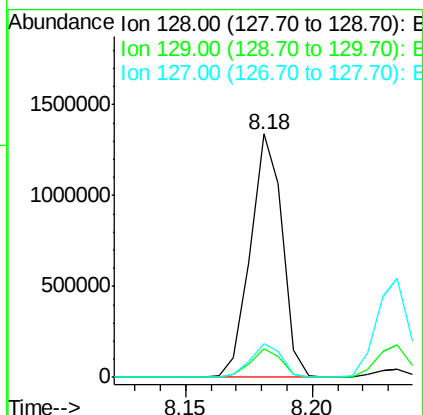
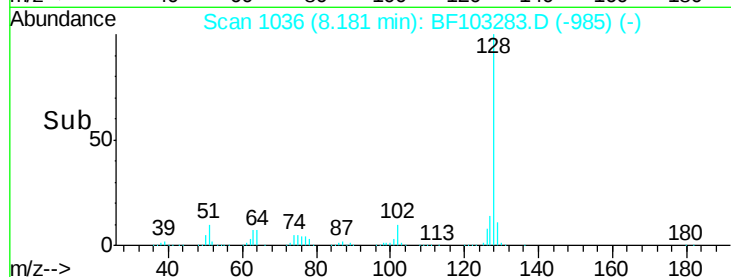
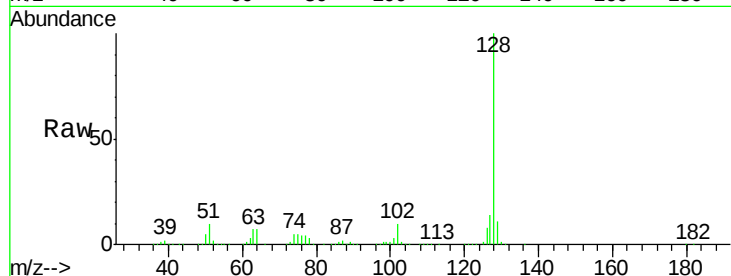




#31
Naphthalene
Concen: 37.796 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

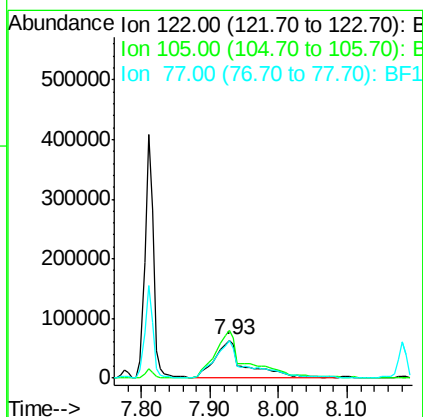
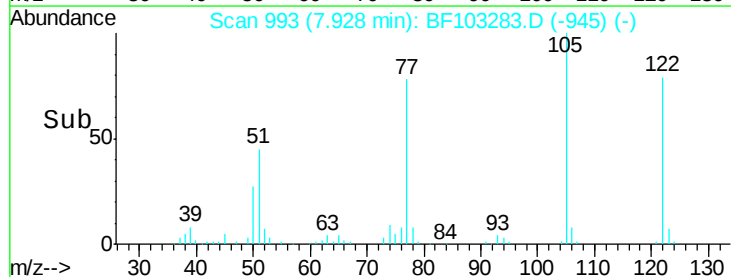
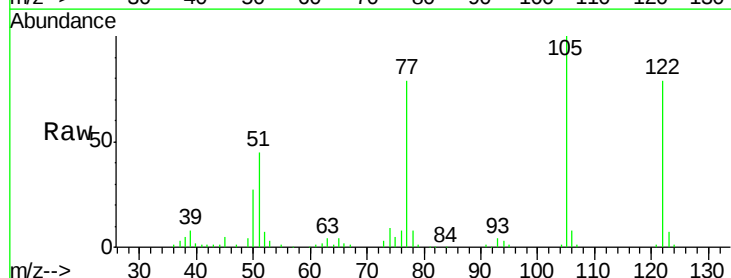
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

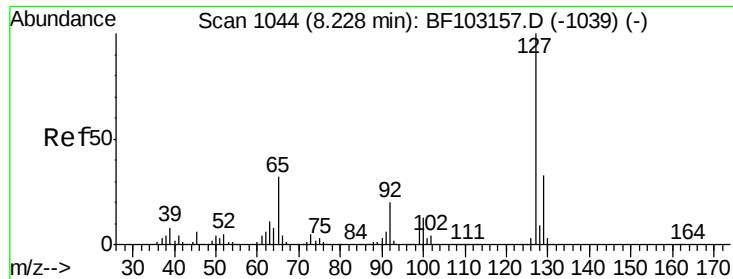
Tot Ion:128 Resp: 1172104
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 31.885 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:122 Resp: 190193
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 100.1 70.7 110.7

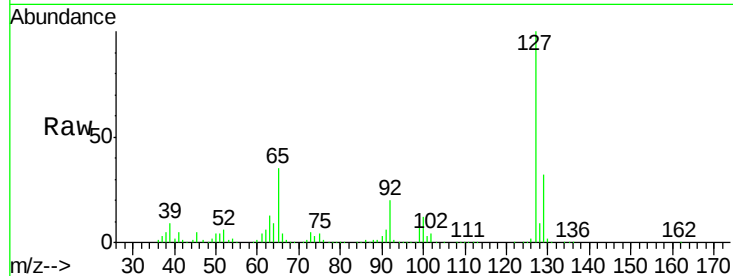




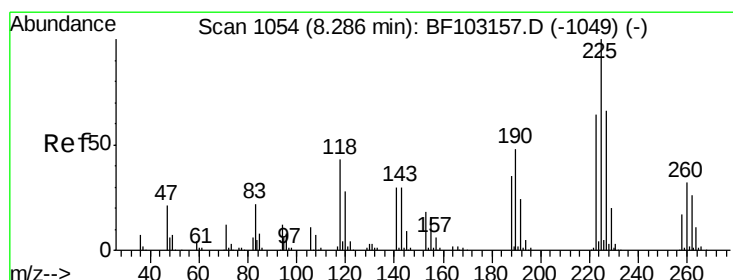
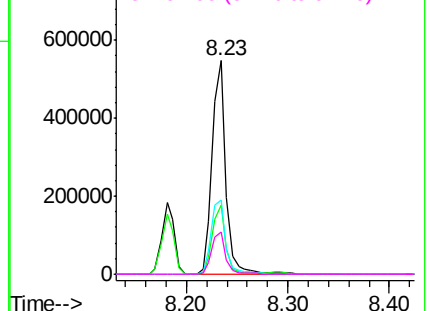
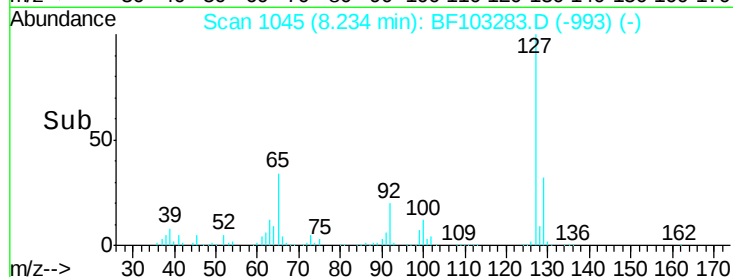
#33
4-Chloroaniline
Concen: 38.320 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	512798
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.6	25.0	37.4
92	19.7	15.2	22.8

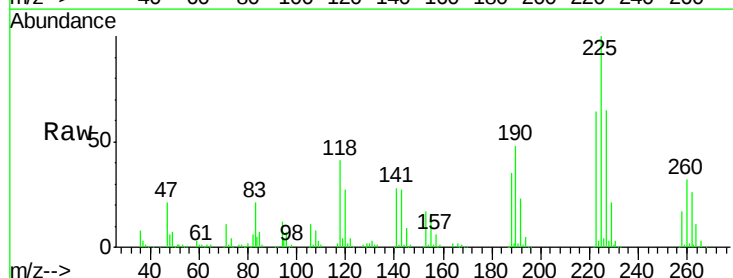


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

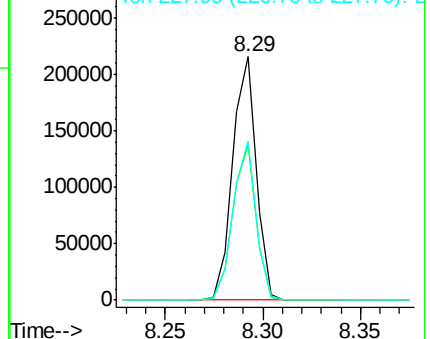
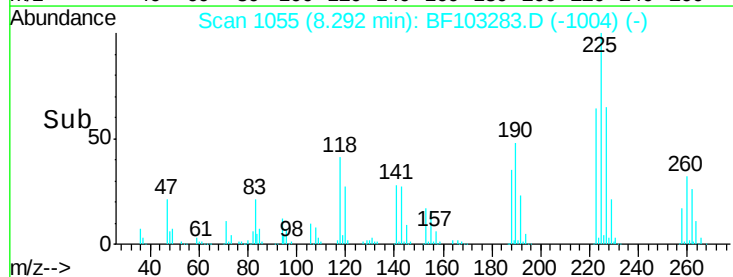


#34
Hexachlorobutadiene
Concen: 38.748 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:	225	Resp:	180774
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.4	51.9	77.9



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

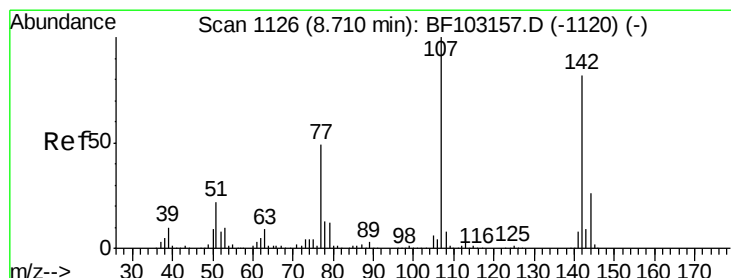
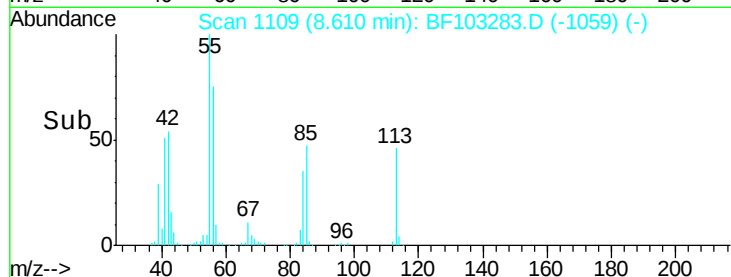
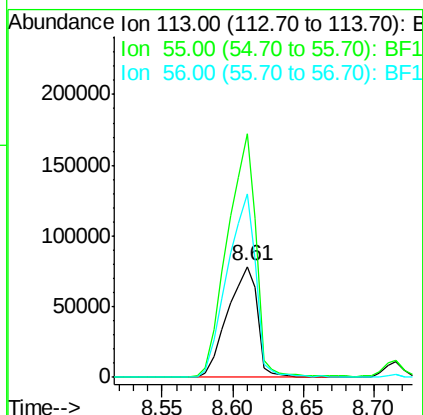
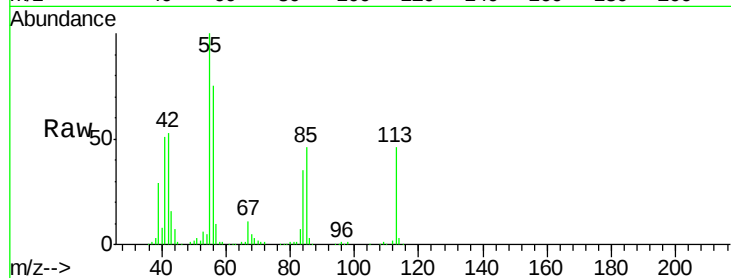




#35
 Caprolactam
 Concen: 38.867 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

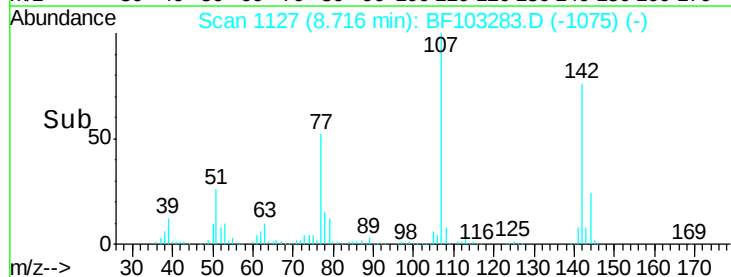
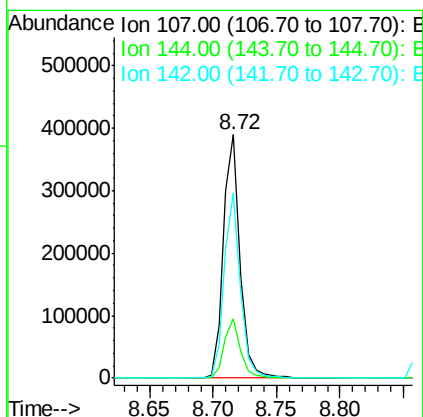
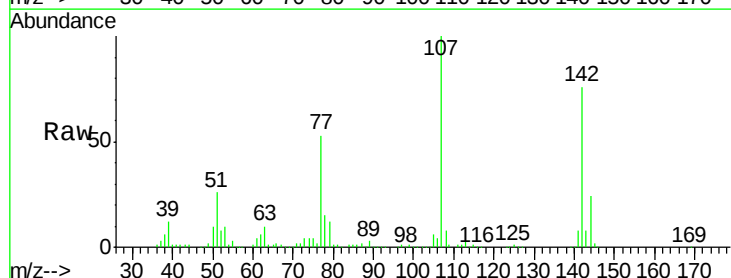
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

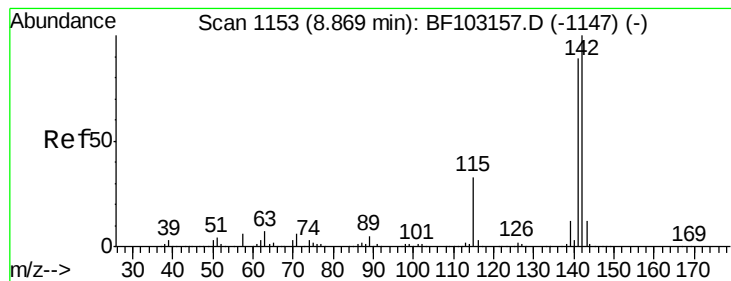
Tot Ion:113 Resp: 114924
 Ion Ratio Lower Upper
 113 100
 55 219.5 163.3 203.3#
 56 165.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.649 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:107 Resp: 357260
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.5 30.7
 142 75.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.964 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

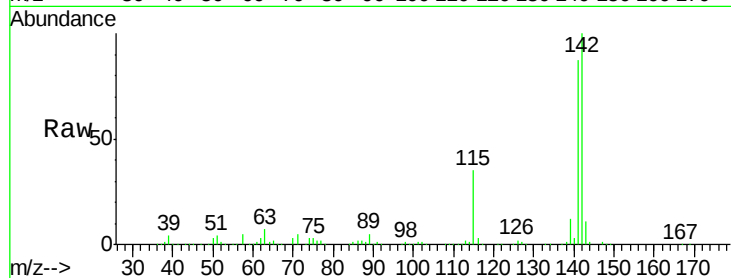
Tot Ion:142 Resp: 740833

Ion Ratio Lower Upper

142 100

141 86.9 70.8 106.2

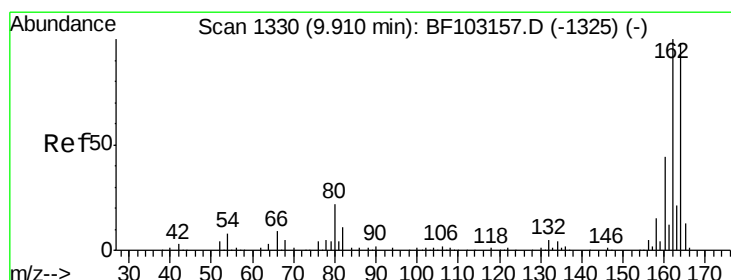
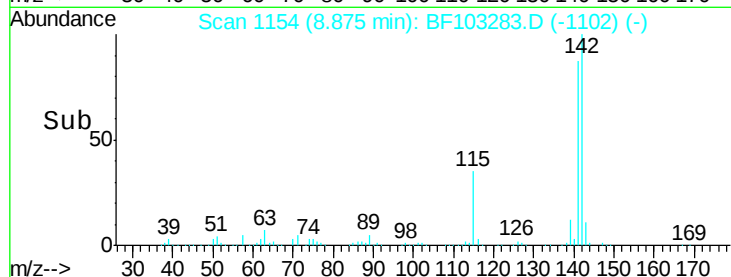
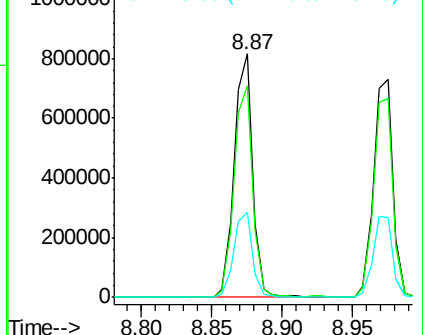
115 34.9 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

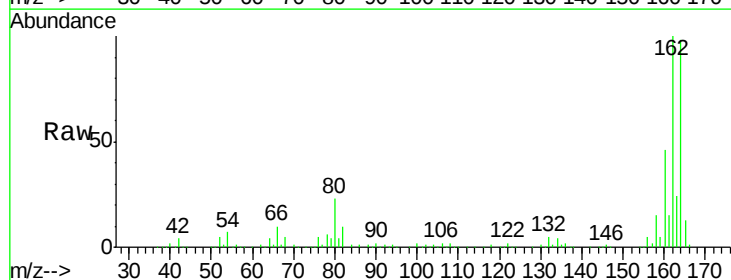
Tgt Ion:164 Resp: 250643

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

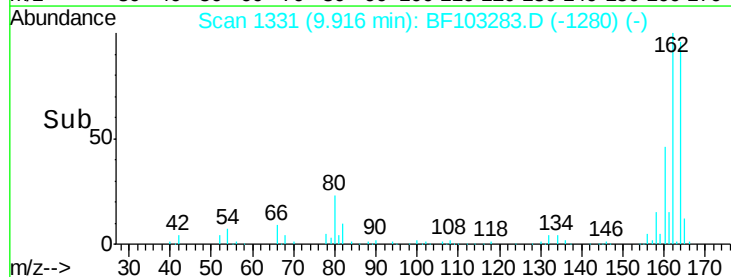
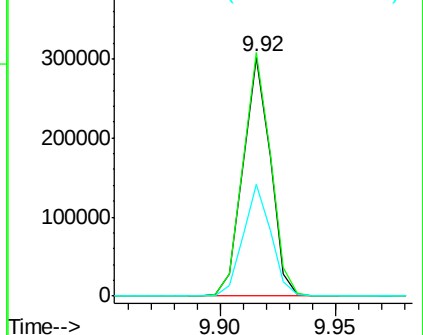
160 46.7 38.3 57.5



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

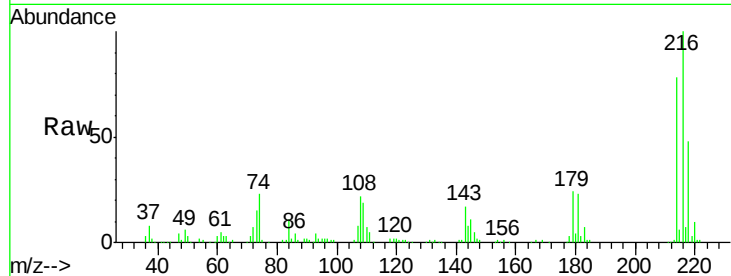




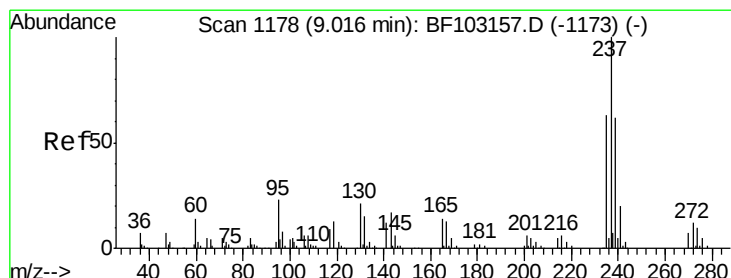
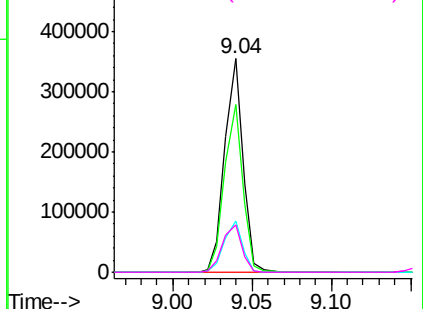
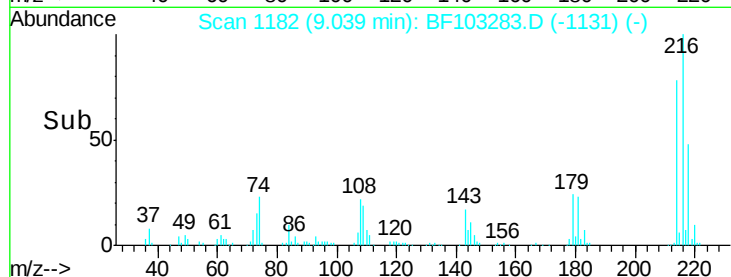
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.512 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216 Resp: 284443
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.4
 179 24.2 18.1 27.1
 108 23.7 17.2 25.8

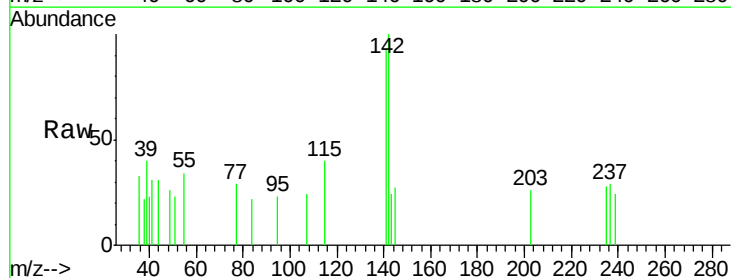


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

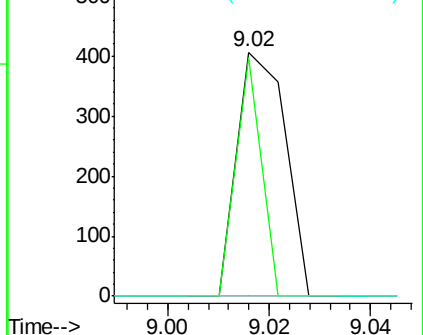
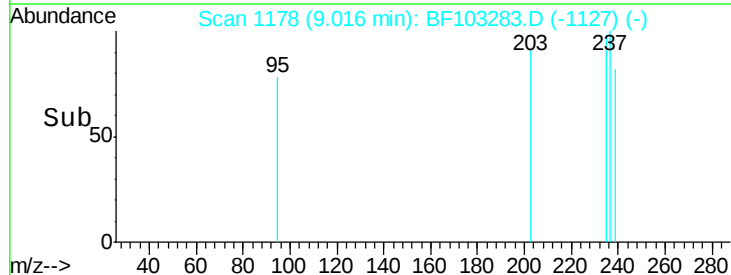


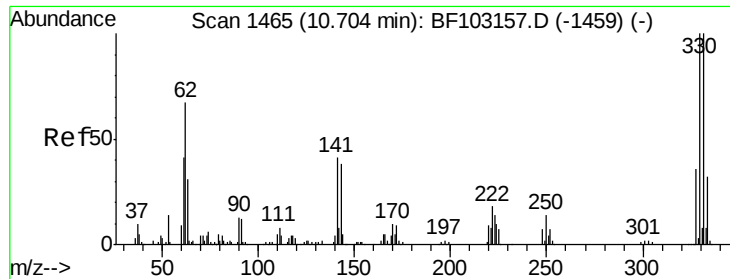
#40
 Hexachlorocyclopentadiene
 Concen: 8.981 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:237 Resp: 269
 Ion Ratio Lower Upper
 237 100
 235 97.8 44.8 84.8#
 272 0.0 0.0 33.3



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

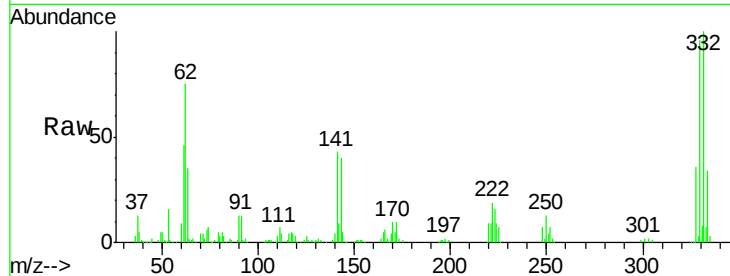




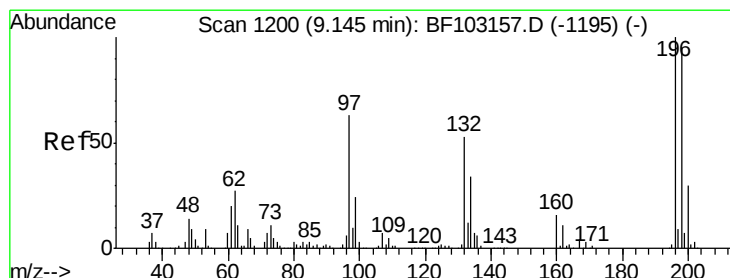
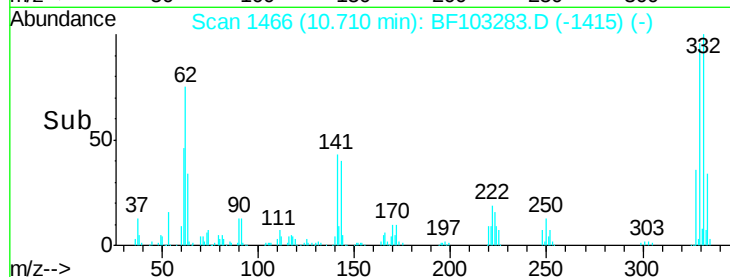
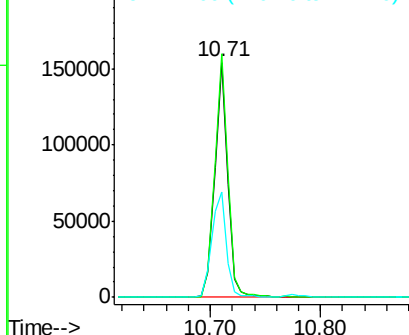
#41
 2,4,6-Tribromophenol
 Concen: 59.109 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 125404
 Ion Ratio Lower Upper
 330 100
 332 104.5 77.0 115.6
 141 49.5 29.9 44.9#

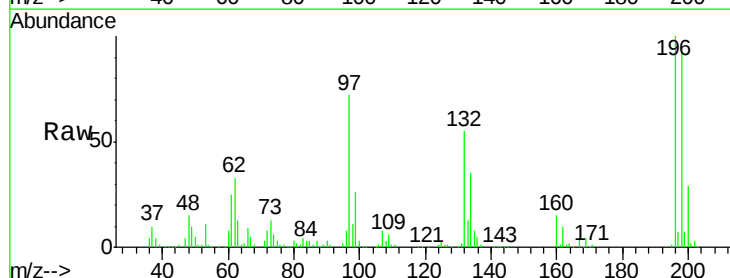


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

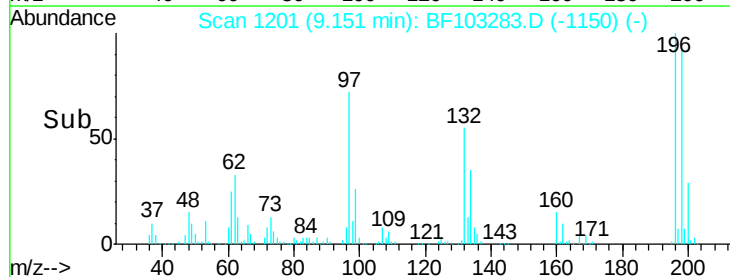
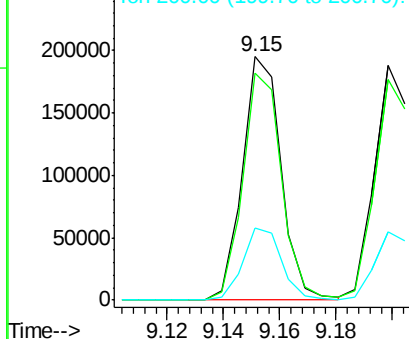


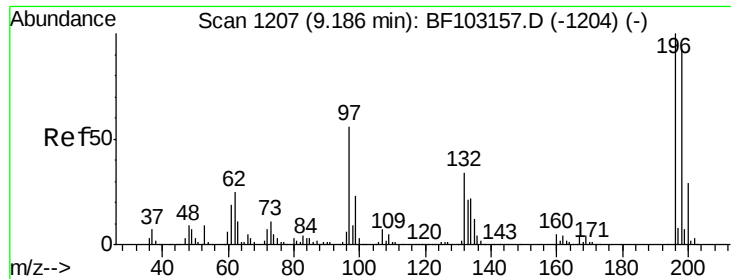
#42
 2,4,6-Trichlorophenol
 Concen: 40.113 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:196 Resp: 184943
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.4 24.5 36.7



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

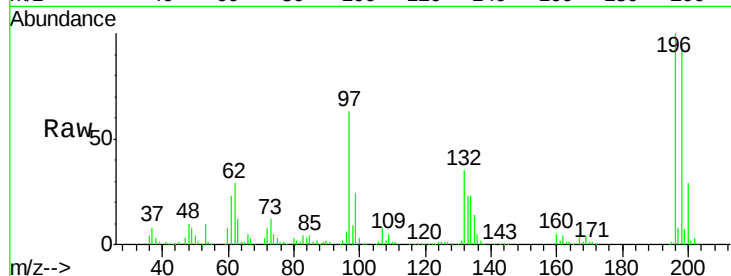




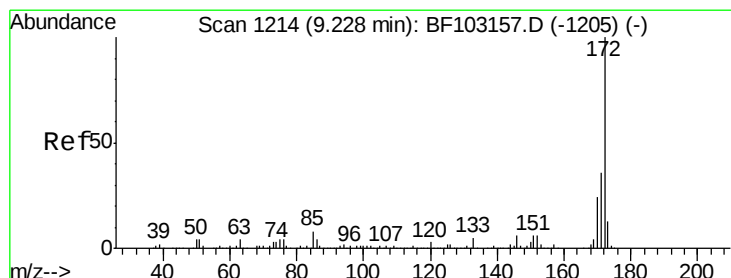
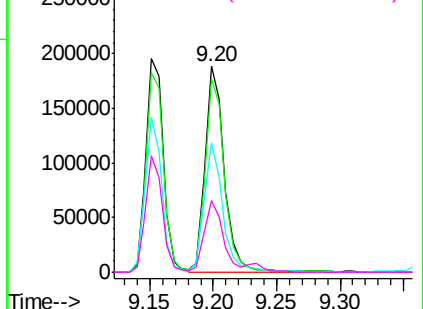
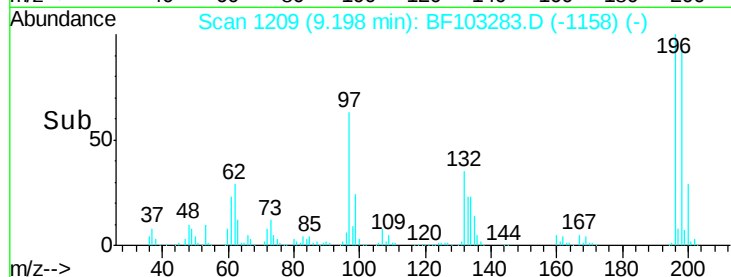
#43
 2,4,5-Trichlorophenol
 Concen: 37.451 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	198599
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	62.6	42.9	64.3
132	34.6	26.3	39.5

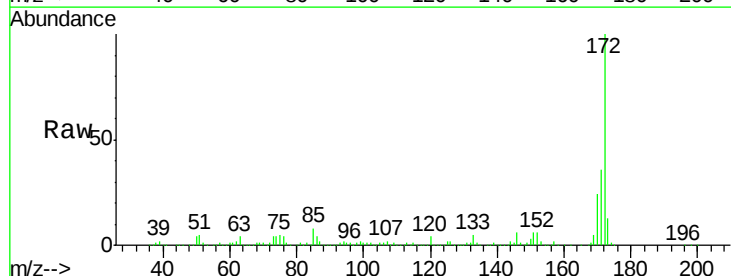


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

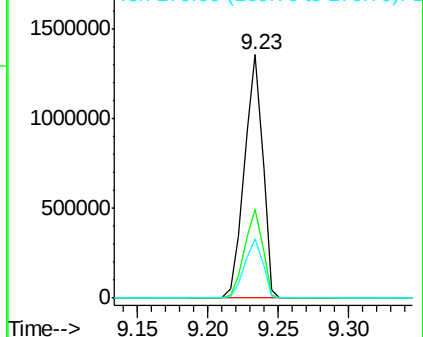
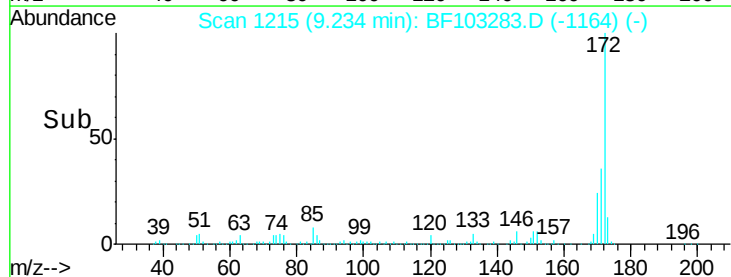


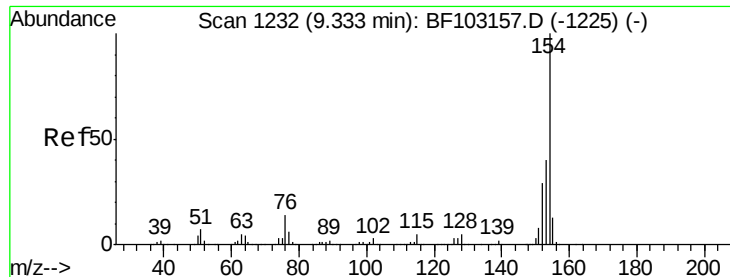
#44
 2-Fluorobiphenyl
 Concen: 83.865 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:	172	Resp:	1224289
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



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

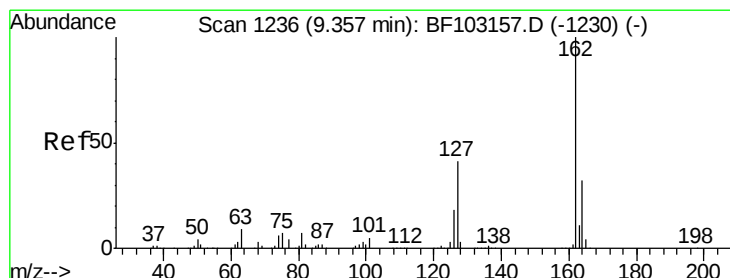
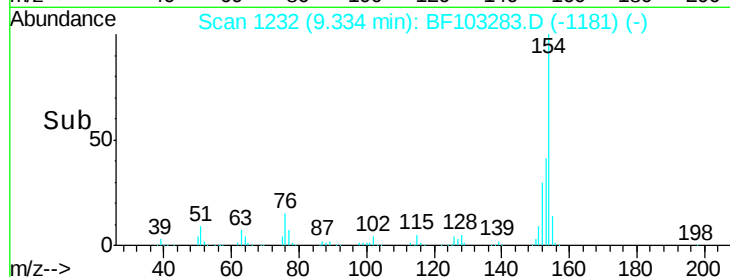
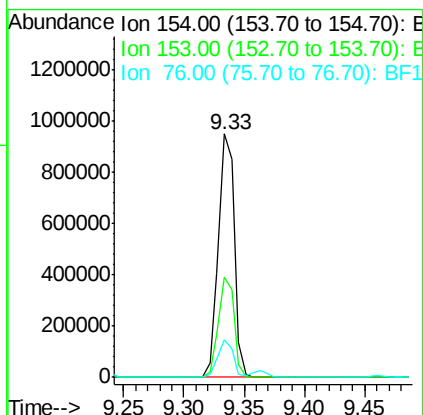
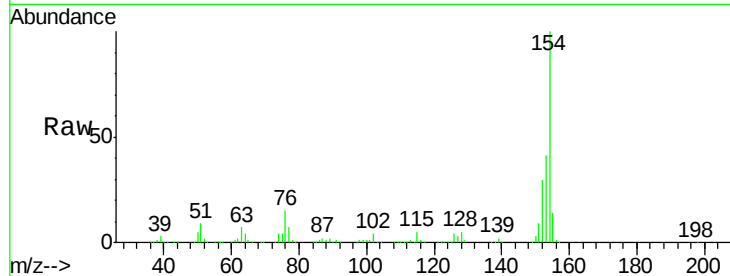




#45
 1,1'-Biphenyl
 Concen: 40.690 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

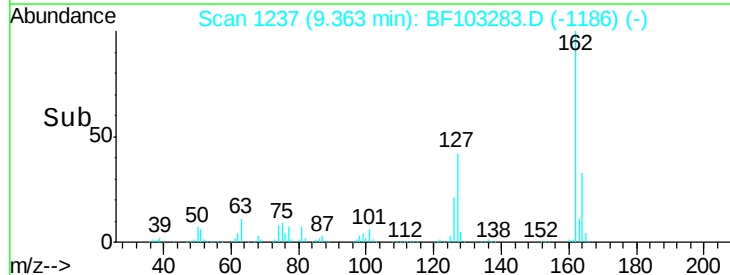
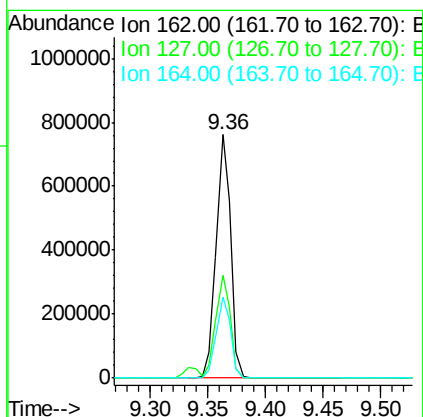
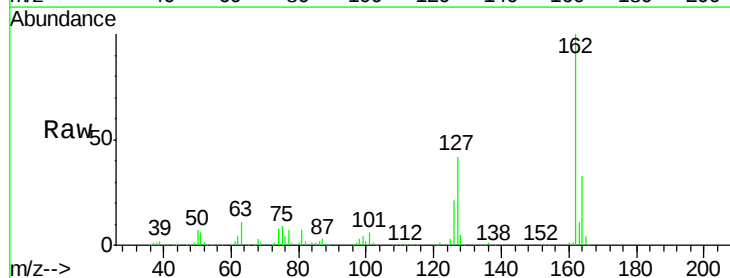
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

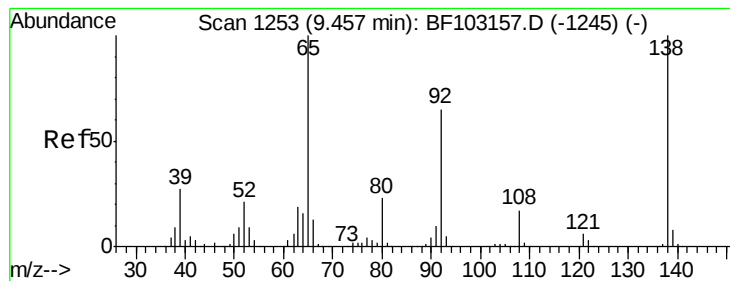
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.918 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.3	26.5	39.7





#47

2-Nitroaniline

Concen: 46.274 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

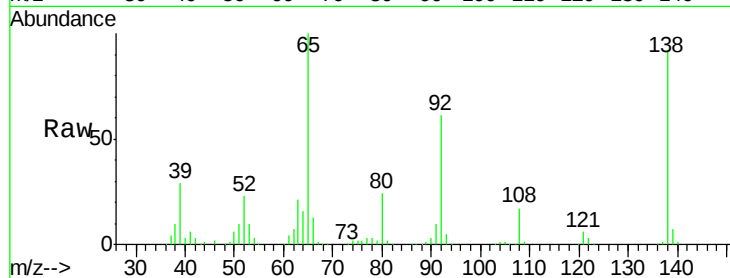
Tot Ion: 65 Resp: 284811

Ion Ratio Lower Upper

65 100

92 60.9 55.8 83.6

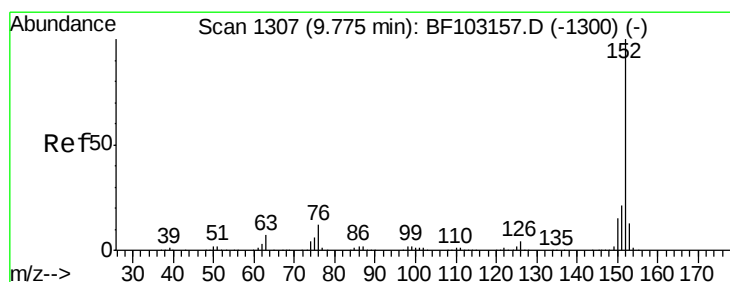
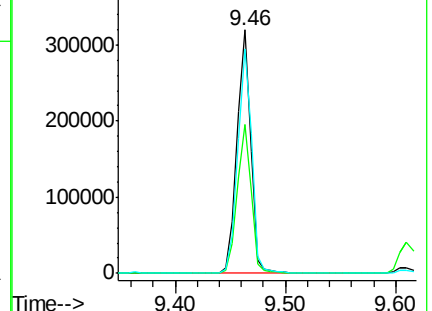
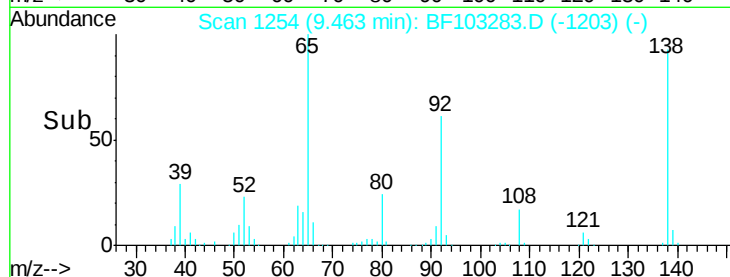
138 92.4 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 38.654 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

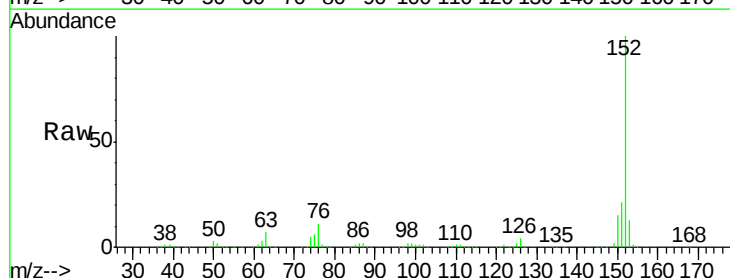
Tgt Ion: 152 Resp: 988207

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

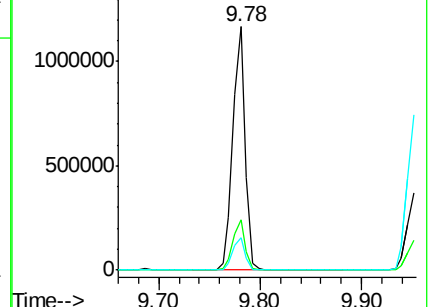
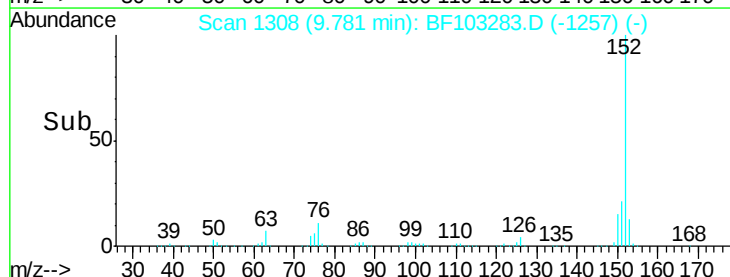
153 13.2 10.7 16.1

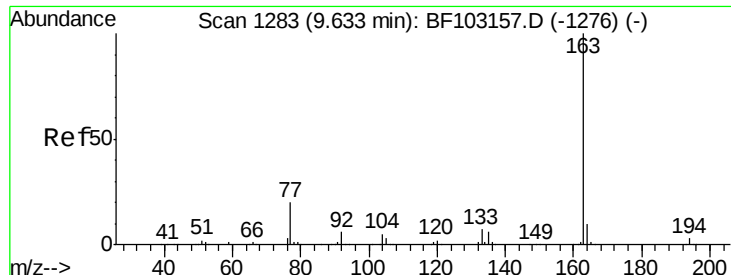


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

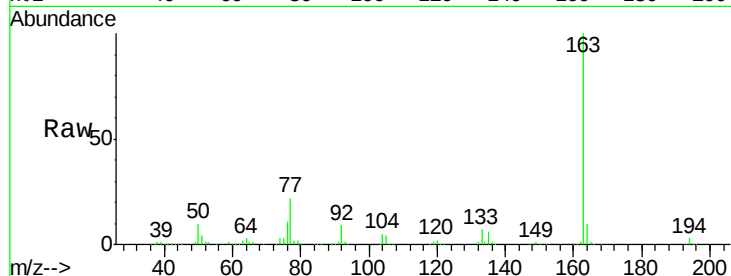




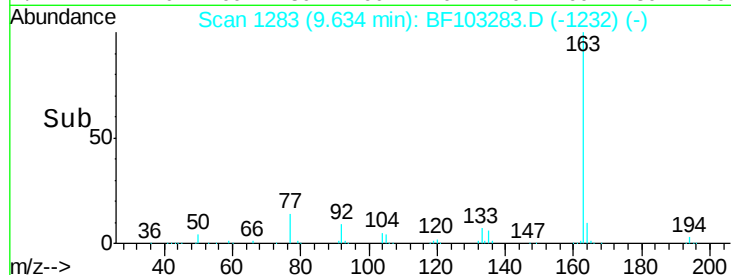
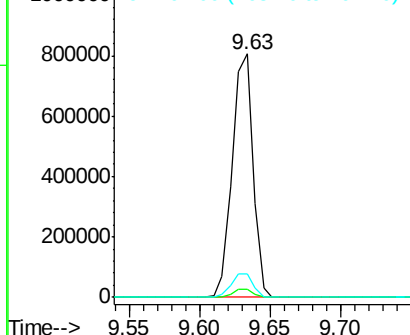
#49
Dimethylphthalate
Concen: 41.122 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 826845
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.2 12.2

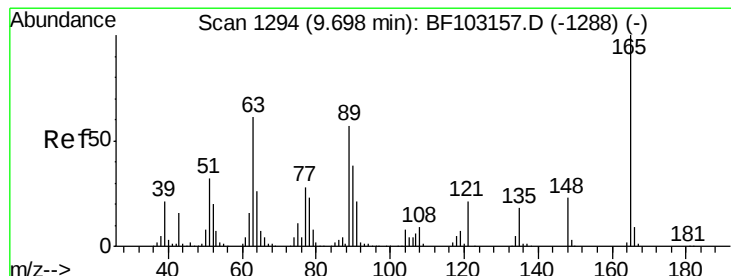


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

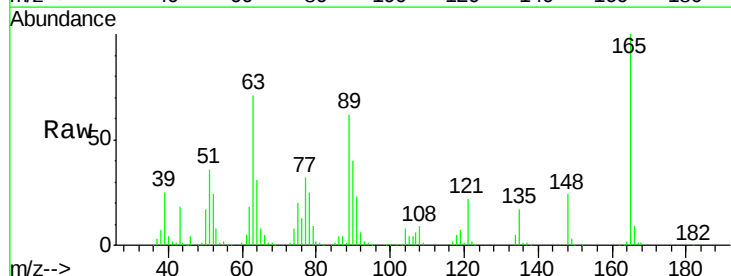
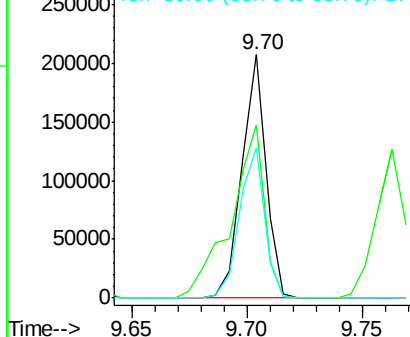


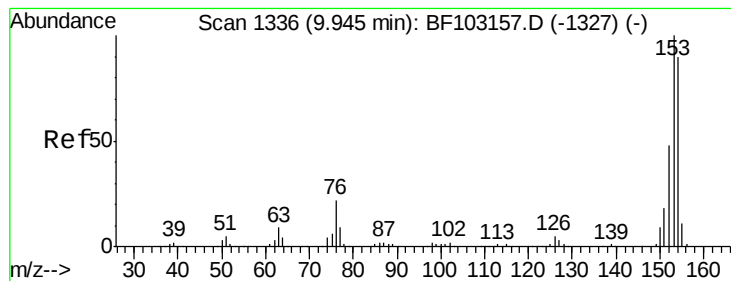
#50
2,6-Dinitrotoluene
Concen: 35.966 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:165 Resp: 151761
Ion Ratio Lower Upper
165 100
63 71.1 44.7 67.1#
89 61.6 44.0 66.0



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





#51

Acenaphthene

Concen: 38.143 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

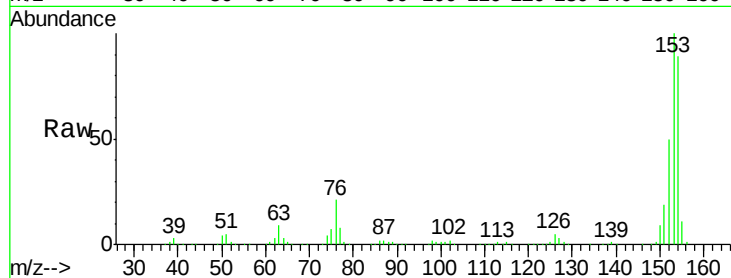
Tot Ion:154 Resp: 568612

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

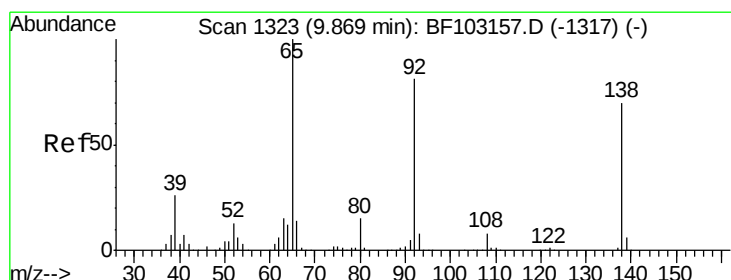
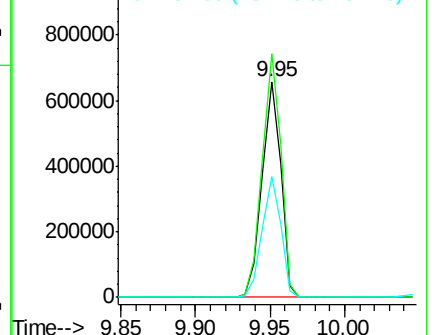
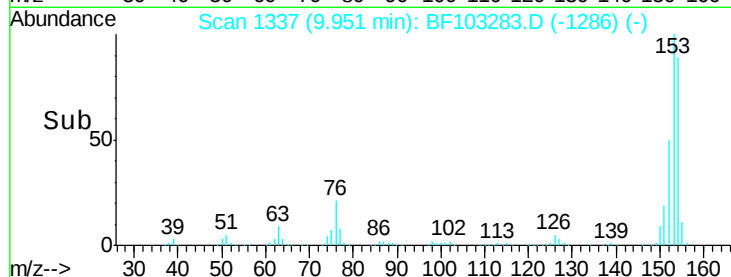
152 56.1 43.8 65.8



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



#52

3-Nitroaniline

Concen: 41.996 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

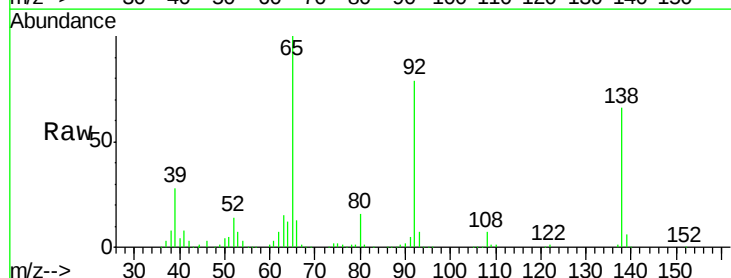
Tgt Ion:138 Resp: 224819

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

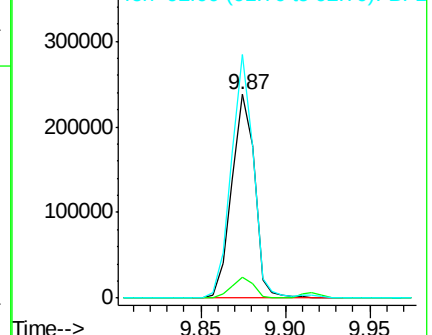
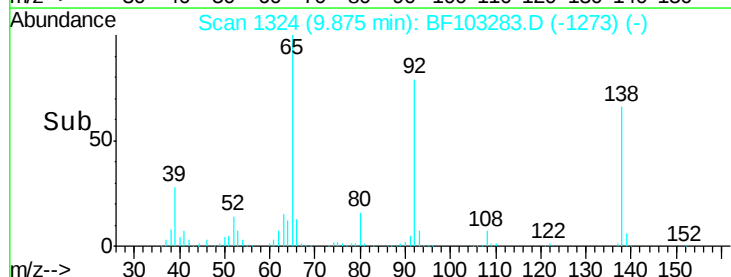
92 119.7 89.4 134.2



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

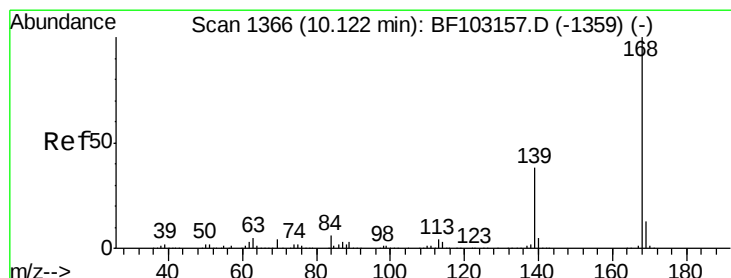
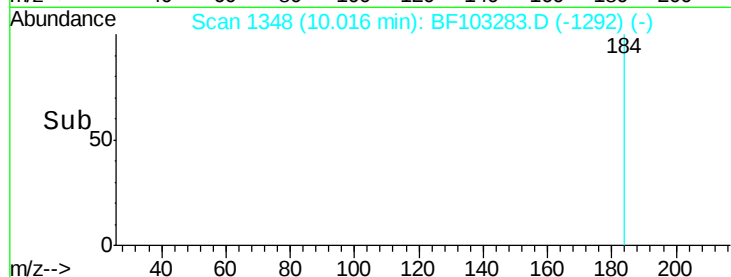
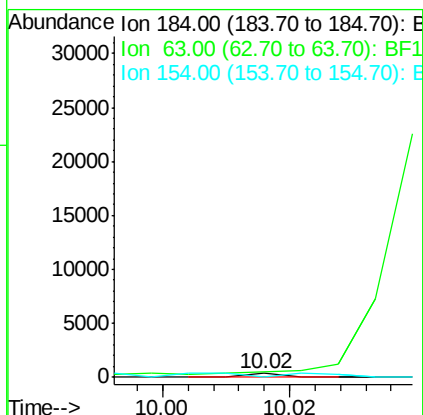
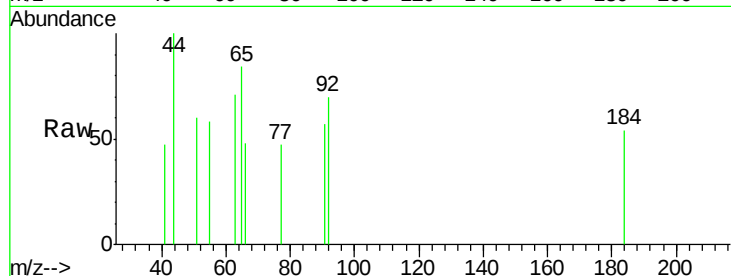




#53
 2,4-Dinitrophenol
 Concen: 9.693 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.03 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

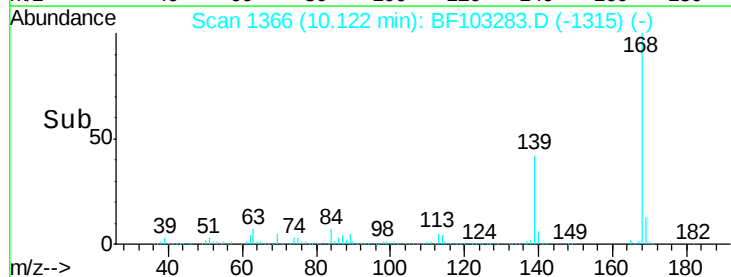
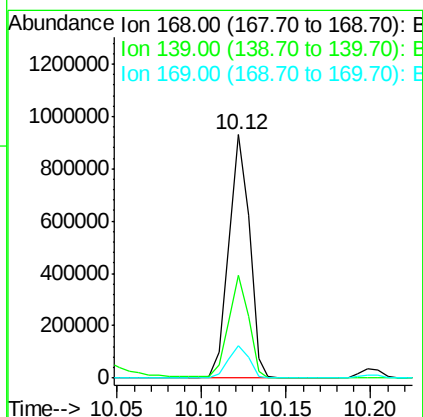
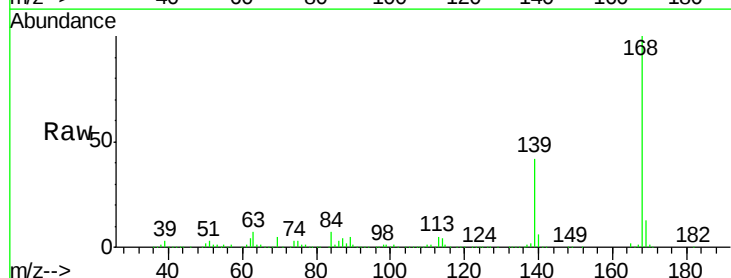
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

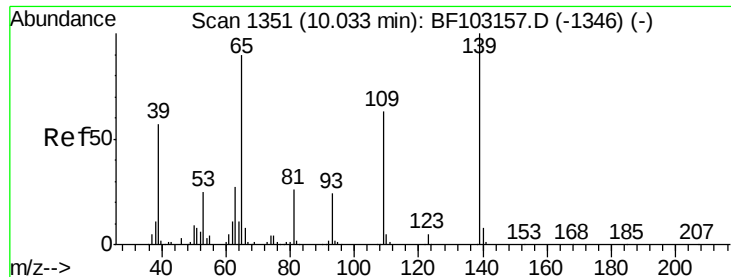
Tot Ion:184 Resp: 125
 Ion Ratio Lower Upper
 184 100
 63 130.5 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.534 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:168 Resp: 788562
 Ion Ratio Lower Upper
 168 100
 139 42.3 30.1 45.1
 169 13.5 10.9 16.3

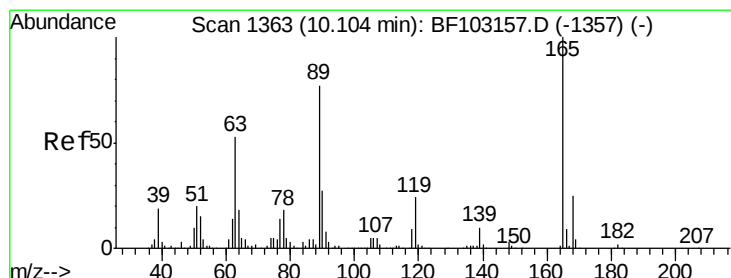
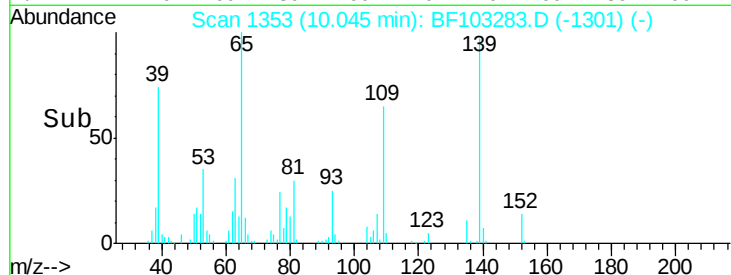
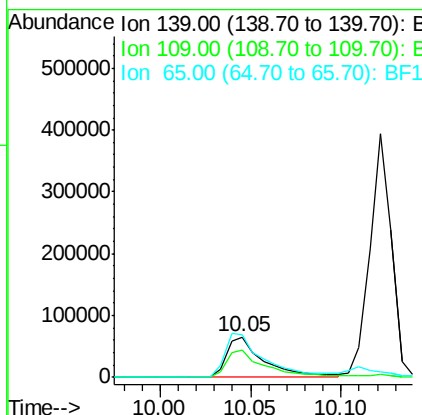
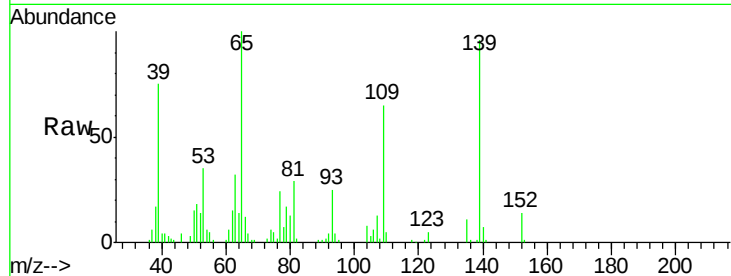




#55
4-Nitrophenol
Concen: 28.259 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

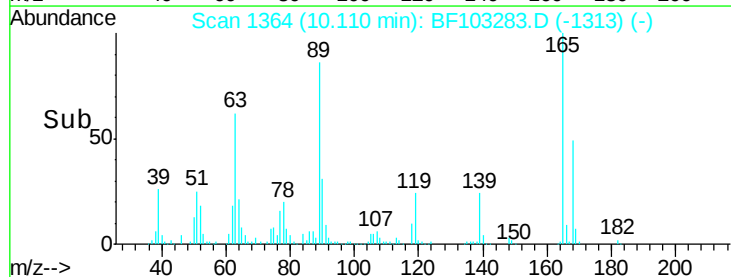
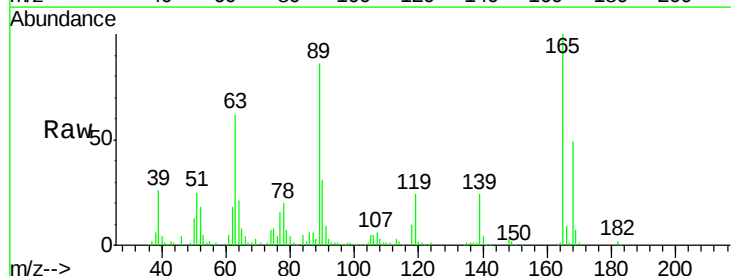
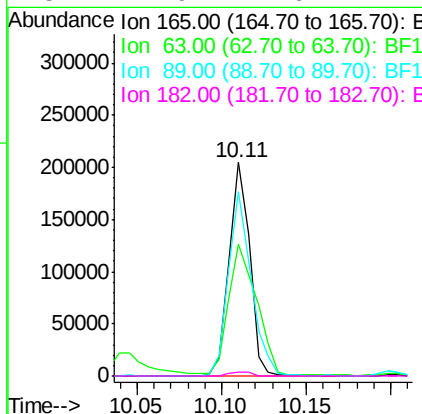
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

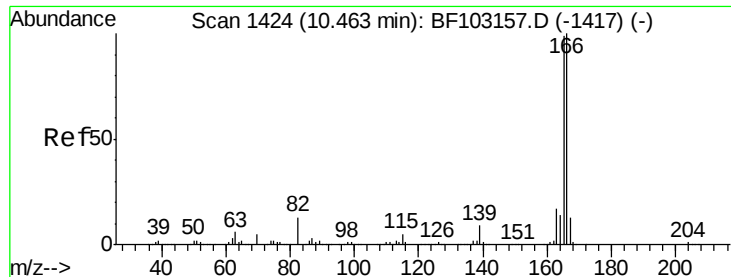
Tot Ion:139 Resp: 93760
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 104.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 32.505 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:165 Resp: 173462
Ion Ratio Lower Upper
165 100
63 61.9 36.4 54.6#
89 86.4 57.8 86.6
182 1.9 1.6 2.4

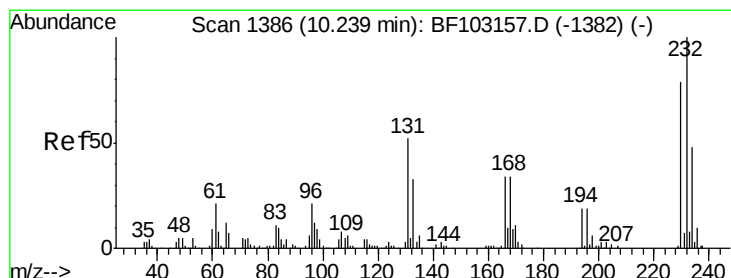
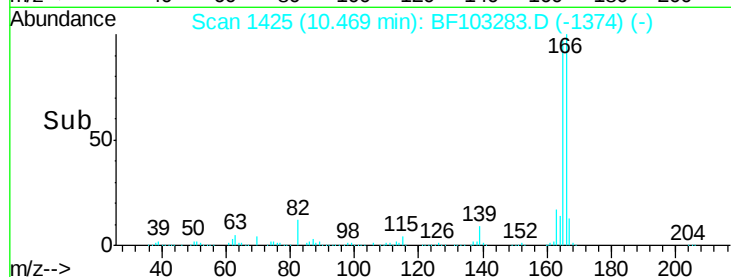
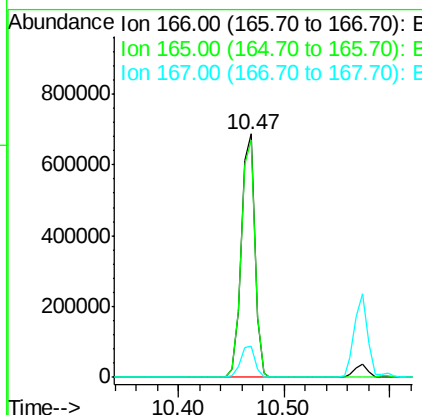
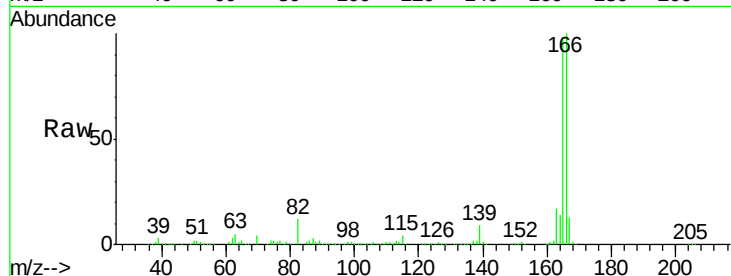




#57
 Fluorene
 Concen: 34.527 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

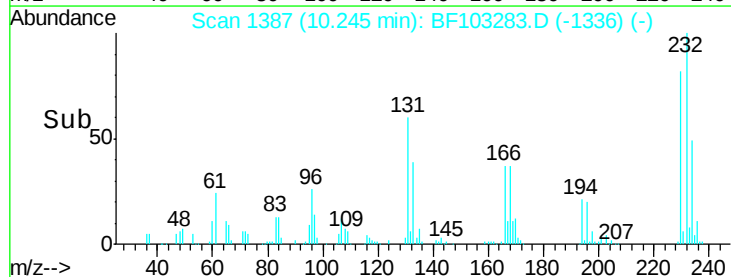
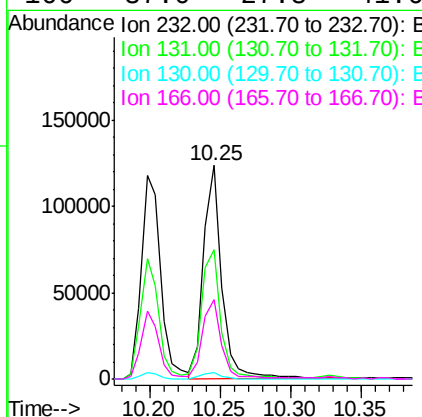
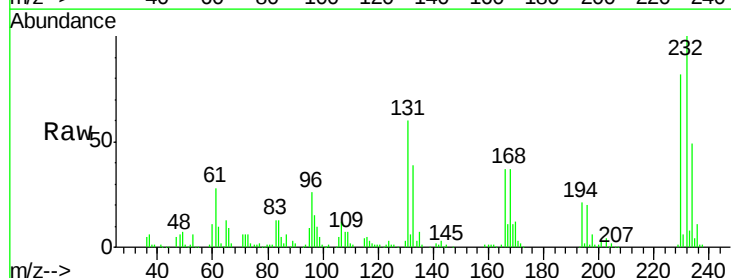
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

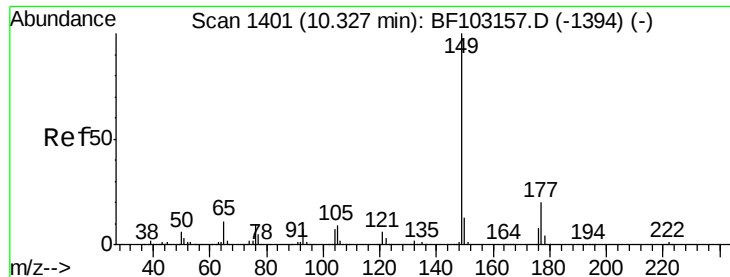
Tot Ion:166 Resp: 601904
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.544 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:232 Resp: 112367
 Ion Ratio Lower Upper
 232 100
 131 62.4 43.8 65.8
 130 3.1 2.1 3.1
 166 37.0 27.8 41.6

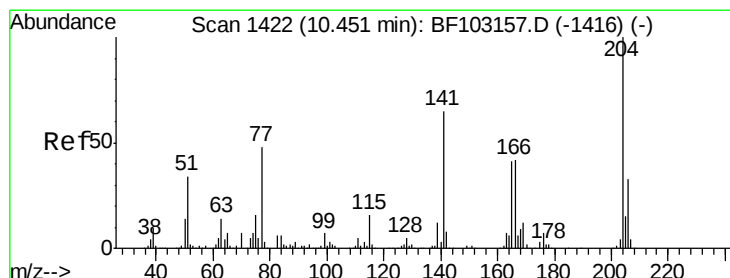
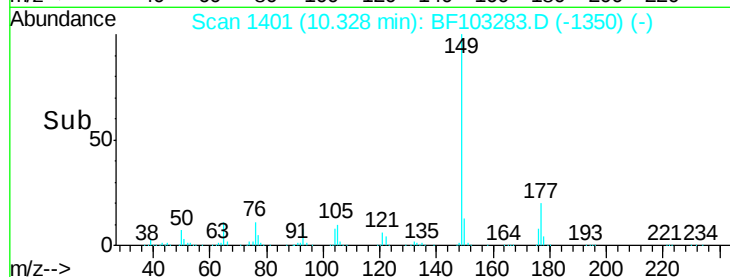
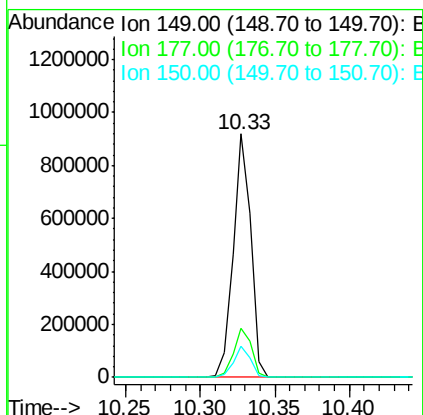
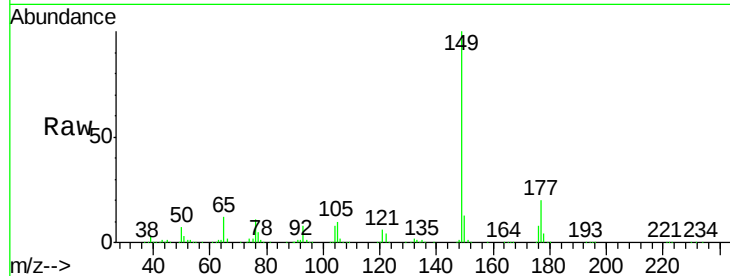




#59
Diethylphthalate
Concen: 39.919 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

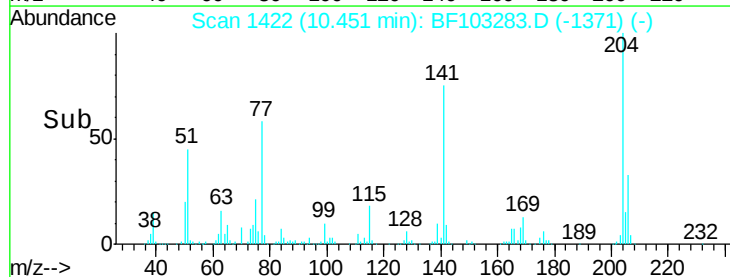
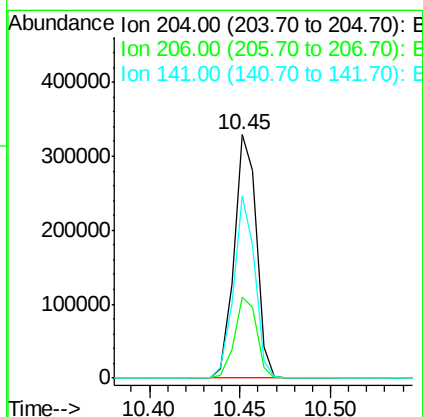
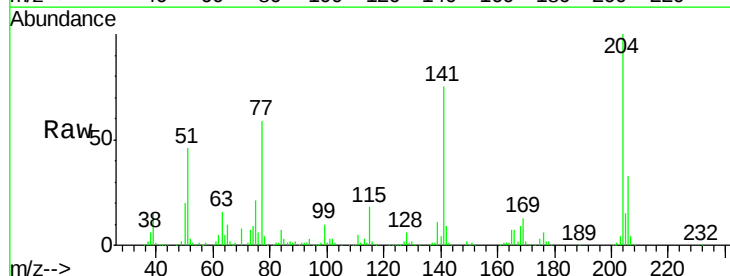
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

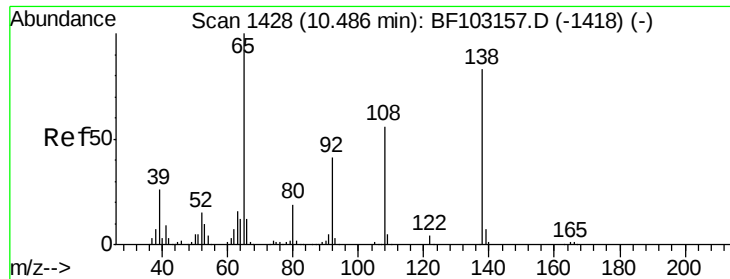
Tot Ion:149 Resp: 767676
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.975 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:204 Resp: 280732
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 74.7 54.6 81.8

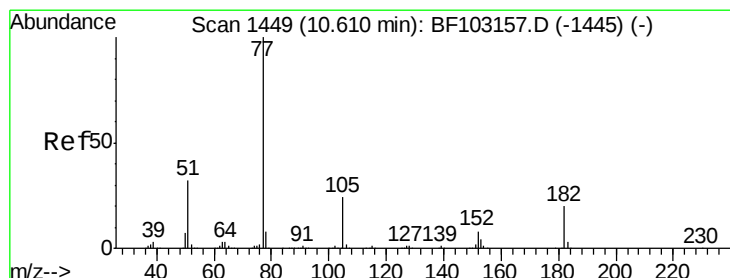
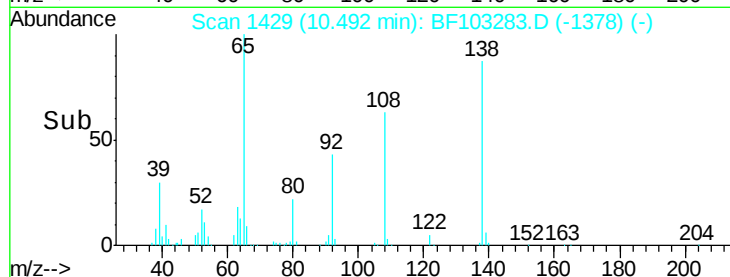
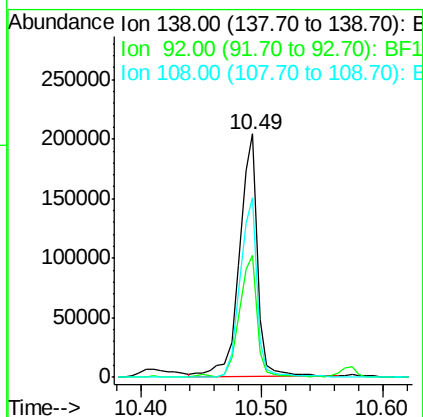
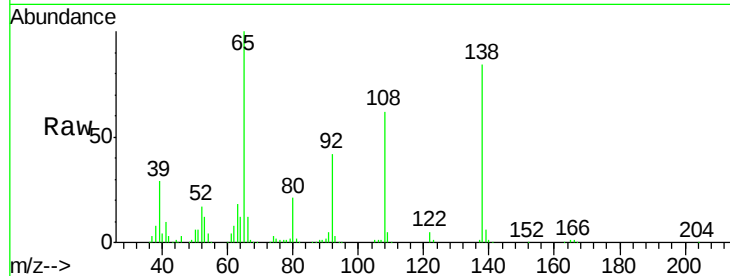




#61
4-Nitroaniline
Concen: 39.695 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

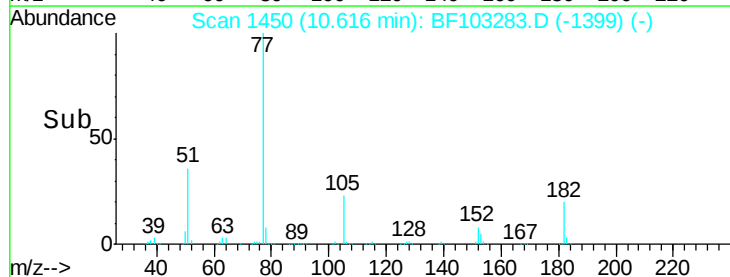
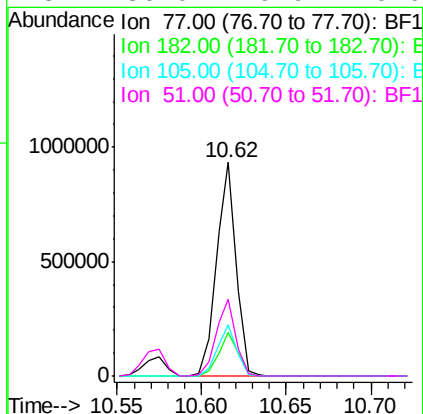
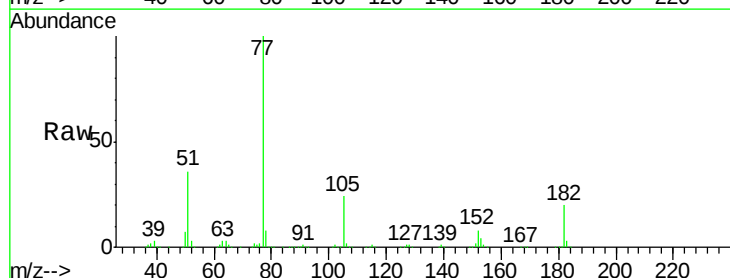
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

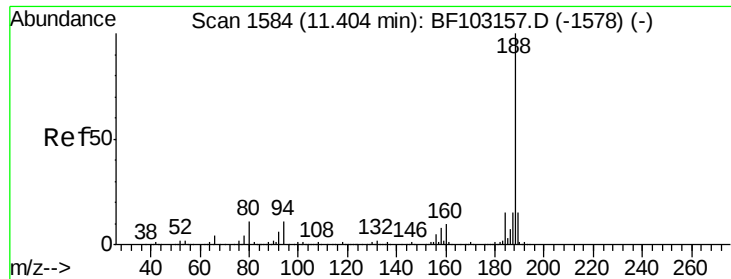
Tot Ion:138 Resp: 212253
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 73.9 52.5 92.5



#62
Azobenzene
Concen: 38.586 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 77 Resp: 755313
Ion Ratio Lower Upper
77 100
182 20.2 1.7 41.7
105 23.7 3.0 43.0
51 36.0 9.9 49.9

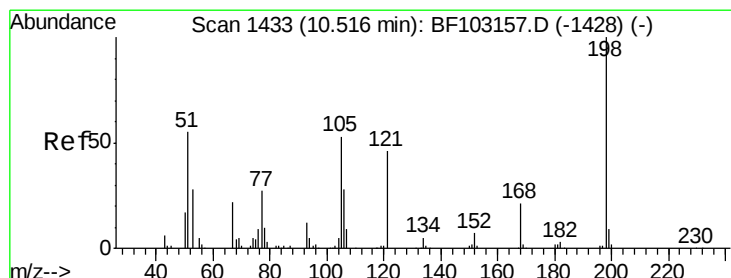
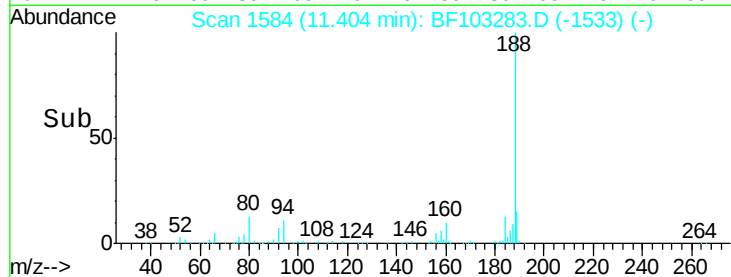
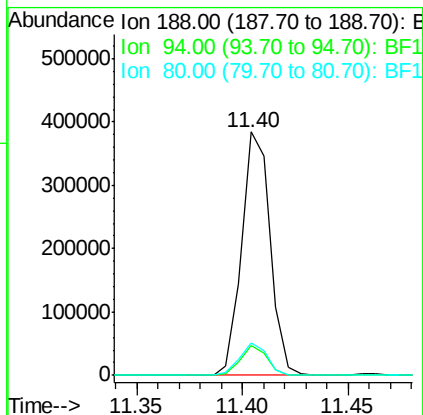
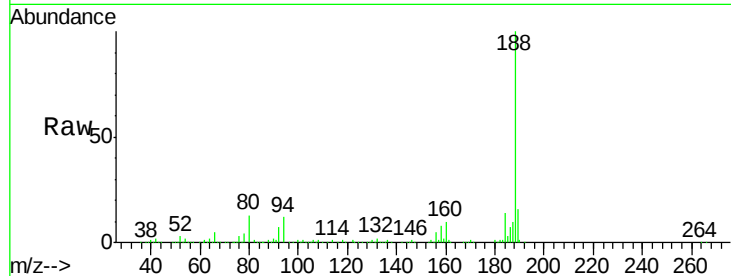




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

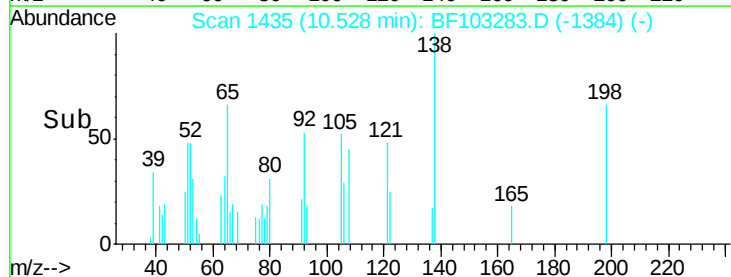
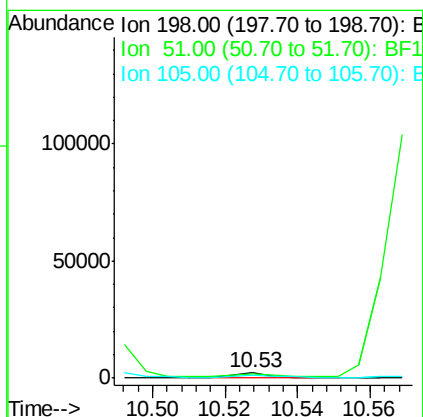
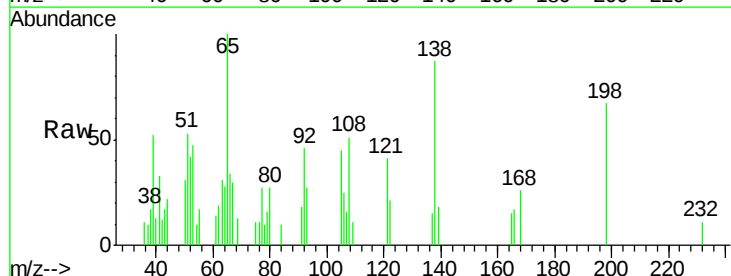
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

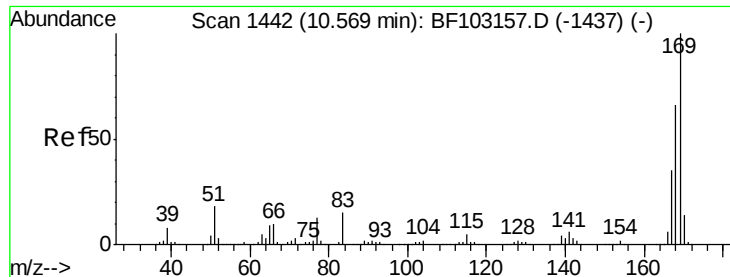
Tot Ion:188 Resp: 359221
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.606 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:198 Resp: 1610
Ion Ratio Lower Upper
198 100
51 79.6 37.7 77.7#
105 68.0 36.3 76.3

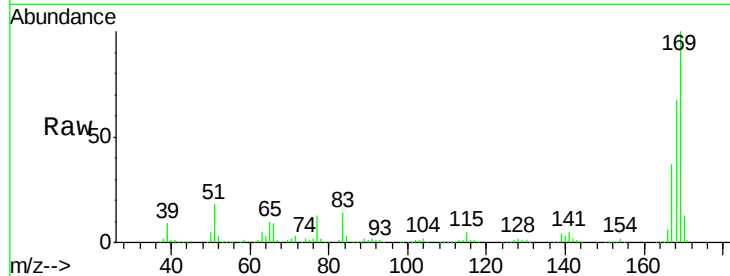




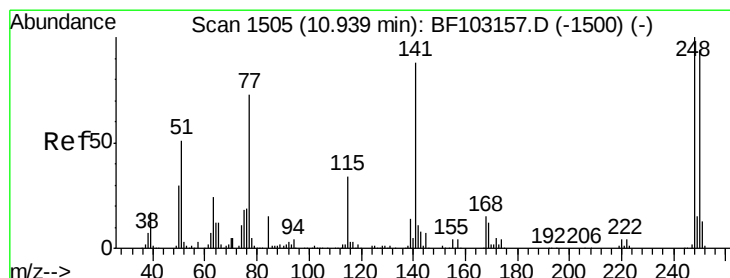
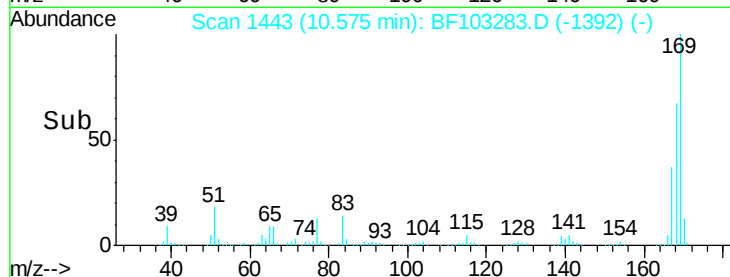
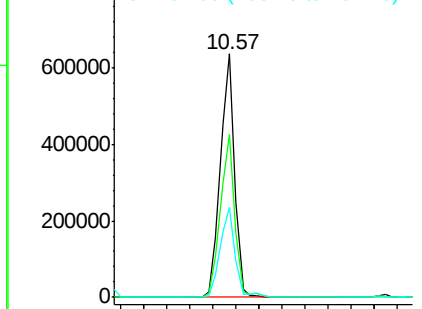
#65
n-Nitrosodiphenylamine
Concen: 43.566 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 544899
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.2 29.8 44.6

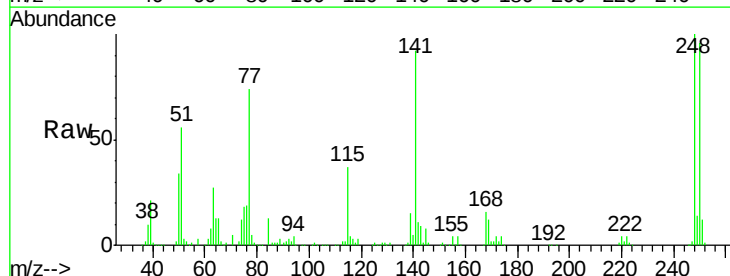


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

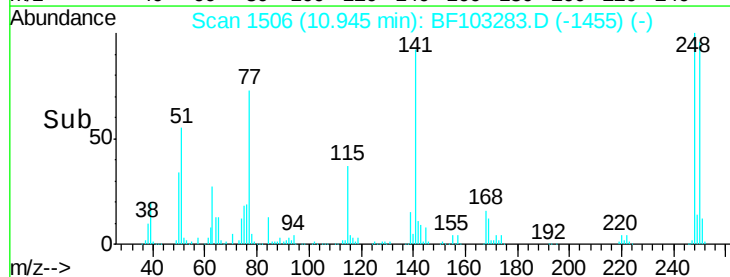
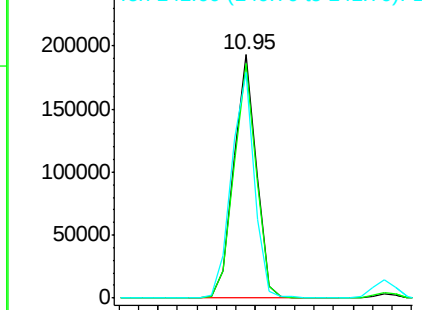


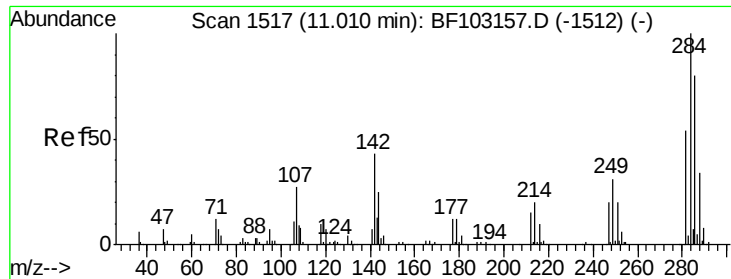
#66
4-Bromophenyl-phenylether
Concen: 41.098 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:248 Resp: 153790
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 92.5 74.4 111.6



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

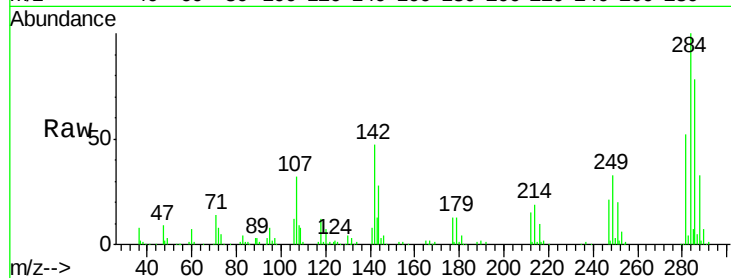




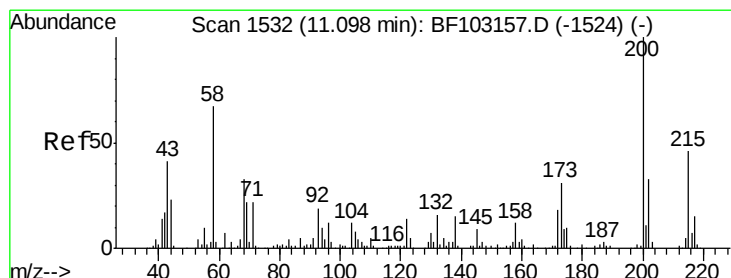
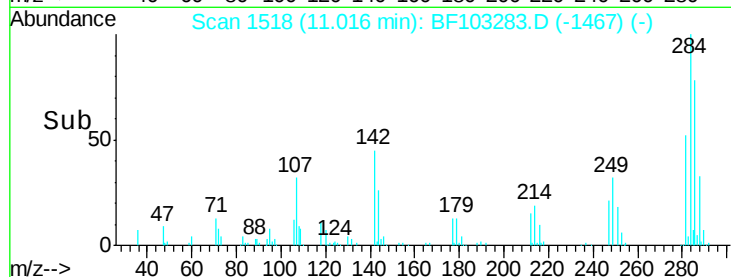
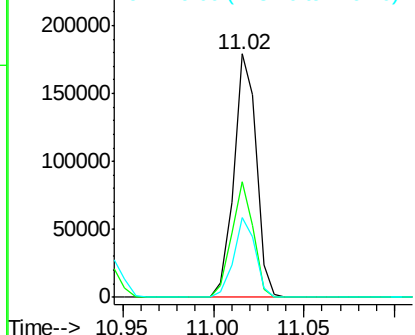
#67
Hexachlorobenzene
Concen: 38.052 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 154550
Ion Ratio Lower Upper
284 100
142 47.5 34.6 52.0
249 32.6 24.8 37.2

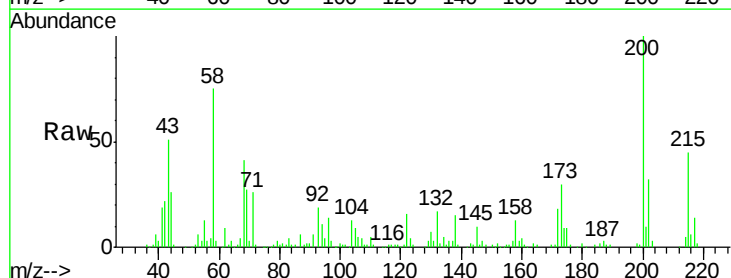


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

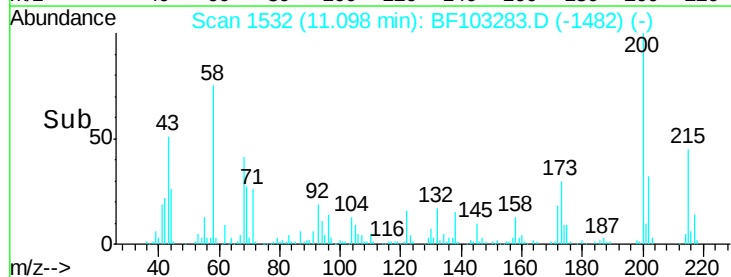
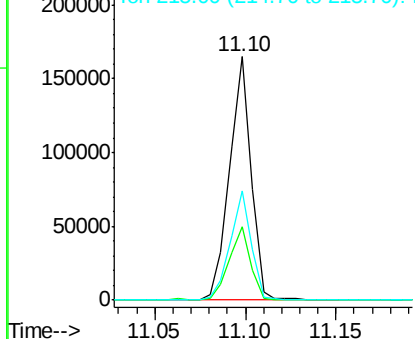


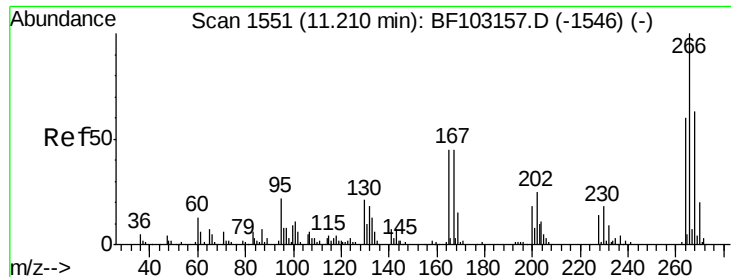
#68
Atrazine
Concen: 36.709 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:200 Resp: 138002
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 44.8 25.1 65.1



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

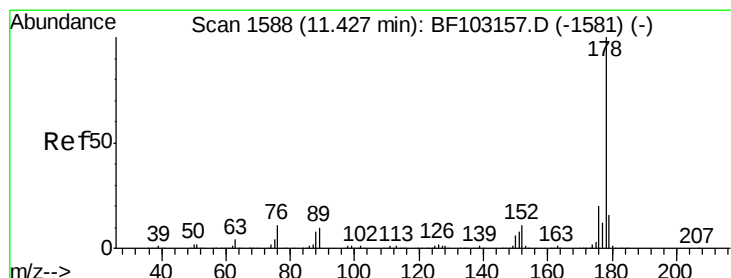
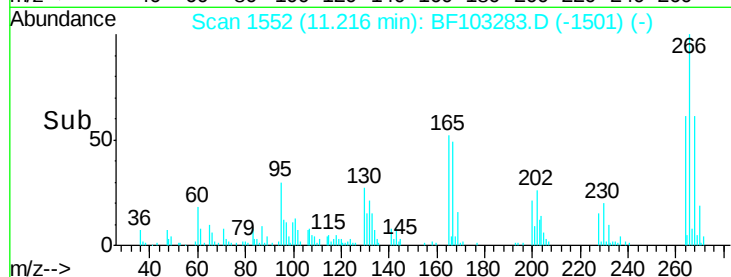
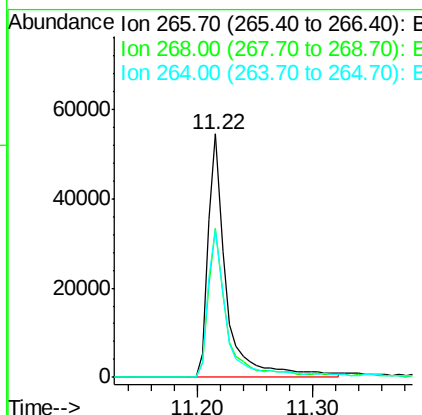
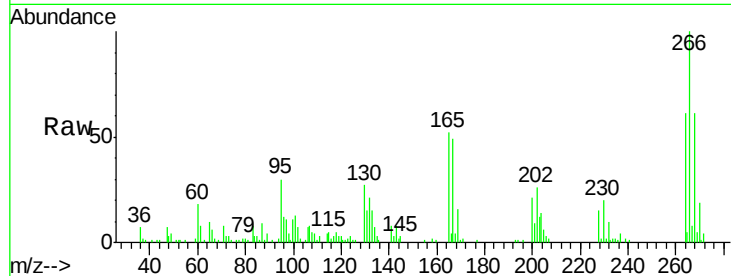




#69
 Pentachlorophenol
 Concen: 30.595 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

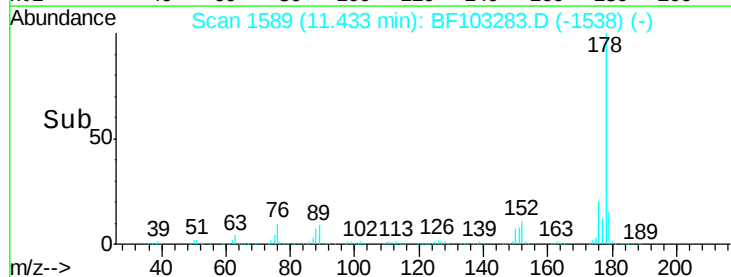
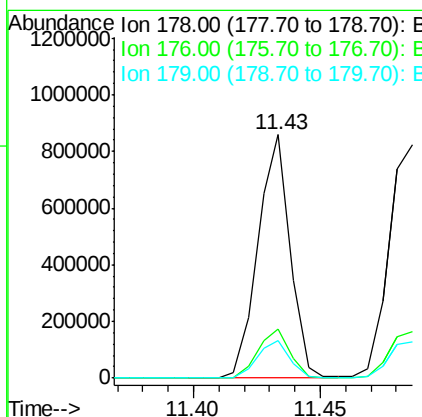
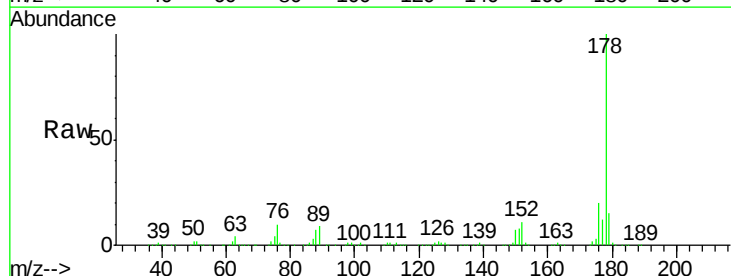
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

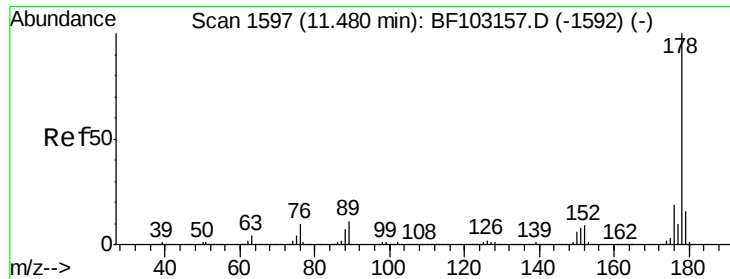
Tot Ion:266 Resp: 60083
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 60.5 49.5 74.3



#70
 Phenanthrene
 Concen: 38.113 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:178 Resp: 753450
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.4 13.0 19.6

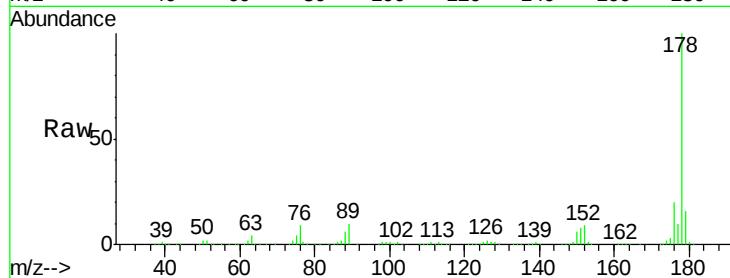




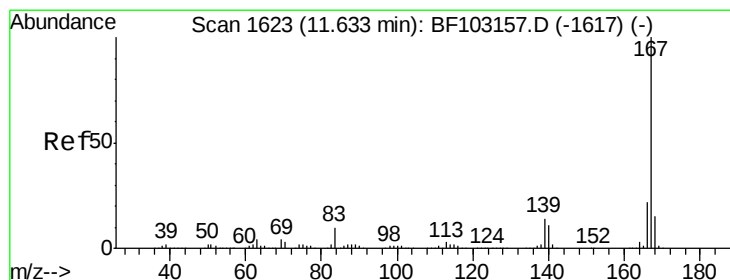
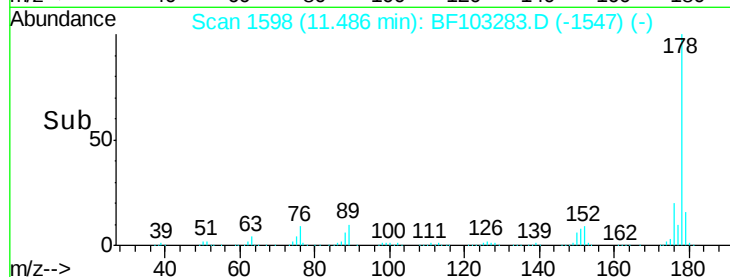
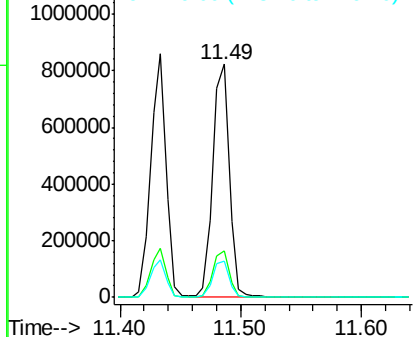
#71
 Anthracene
 Concen: 38.174 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:178 Resp: 773852
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0

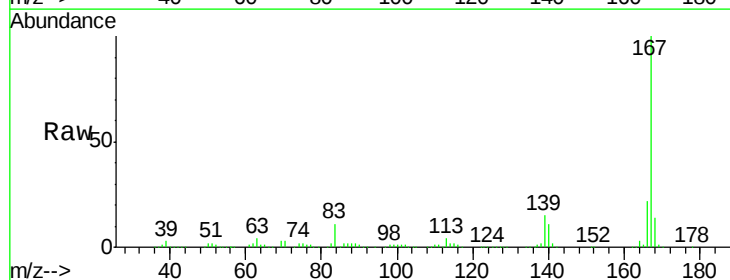


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

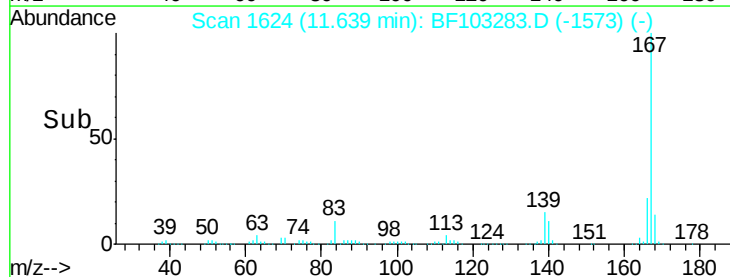
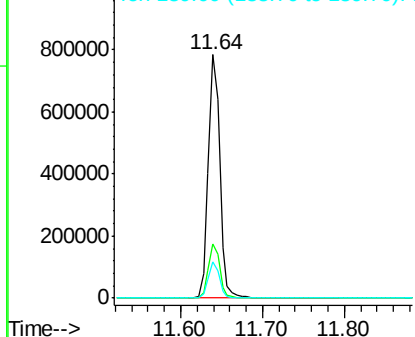


#72
 Carbazole
 Concen: 38.006 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:167 Resp: 767248
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.8 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 42.108 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

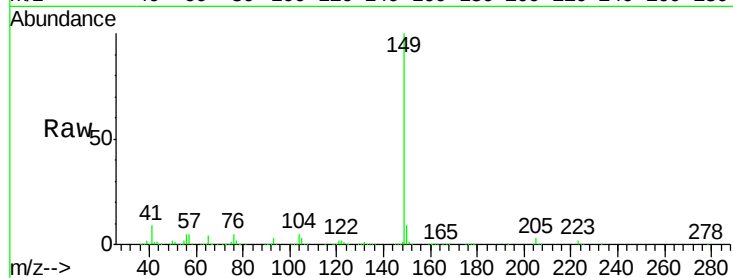
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1063660

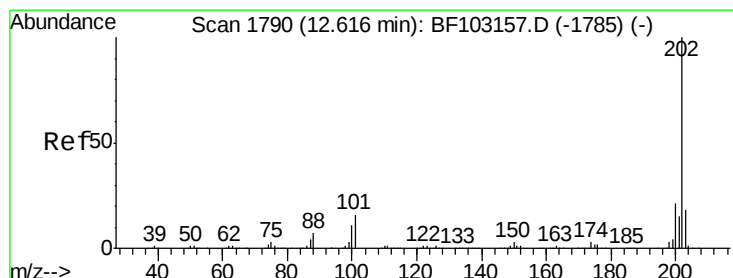
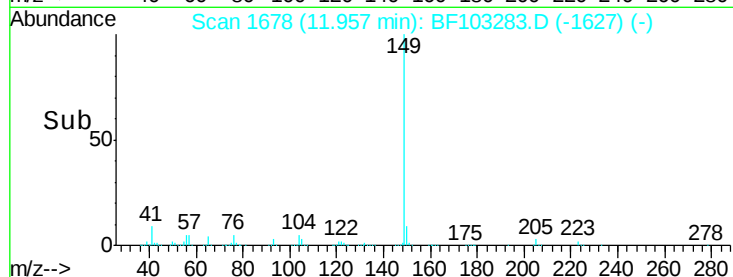
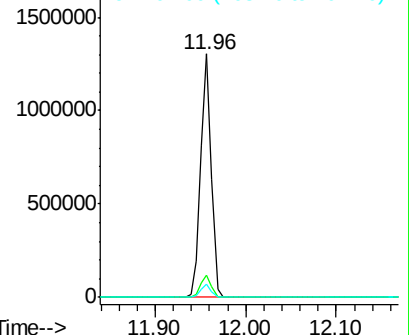
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.2	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.300 ng

RT: 12.63 min Scan# 1792

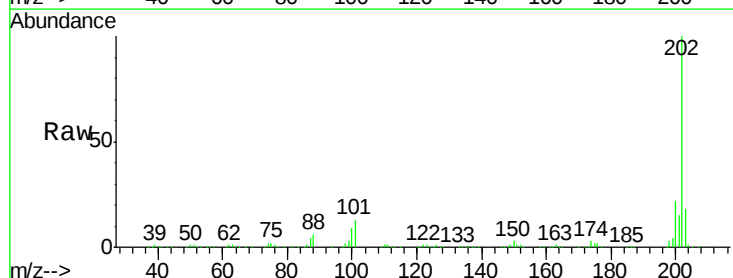
Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:202 Resp: 721131

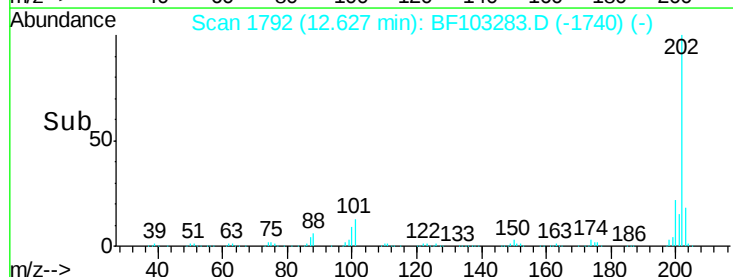
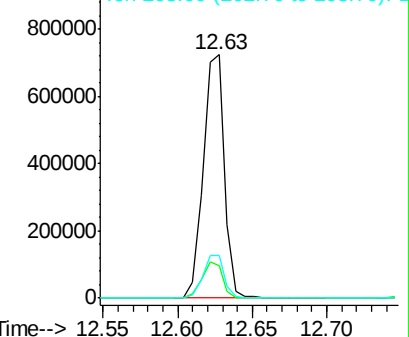
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1

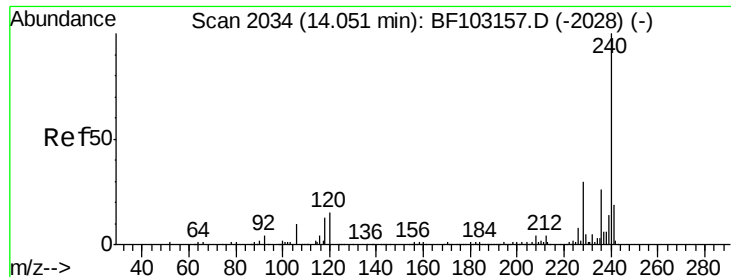


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

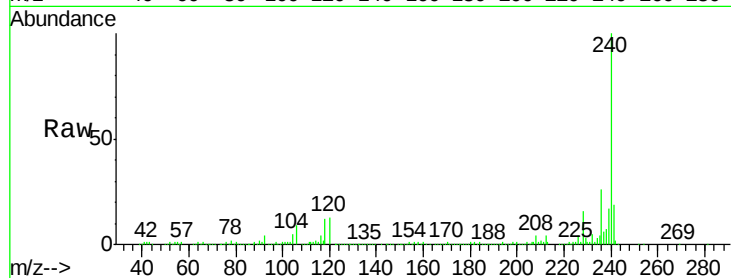
Tot Ion:240 Resp: 253166

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

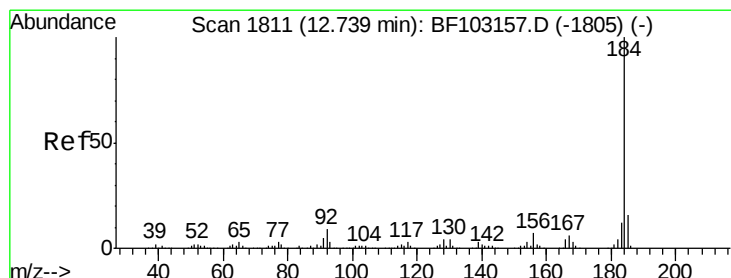
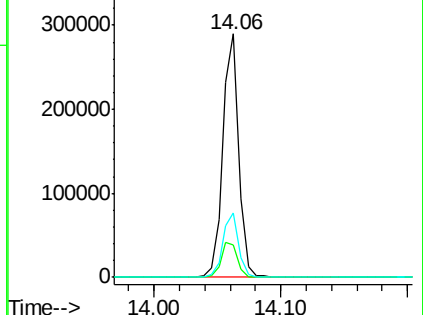
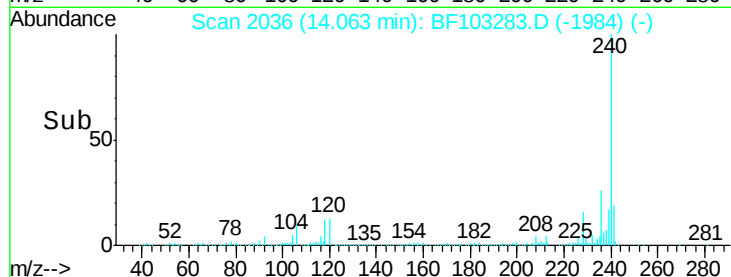
236 26.3 20.7 31.1



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



#76

Benzidine

Concen: 43.558 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

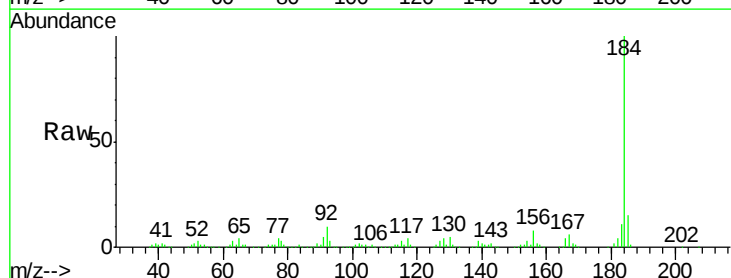
Tgt Ion:184 Resp: 412260

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

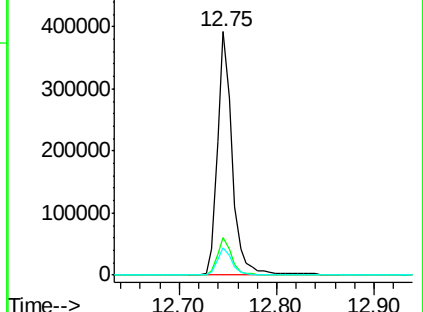
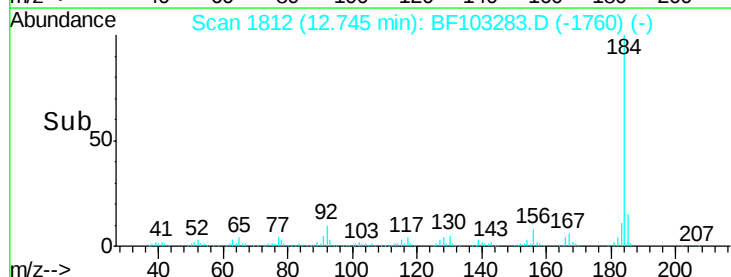
183 11.1 9.3 13.9



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

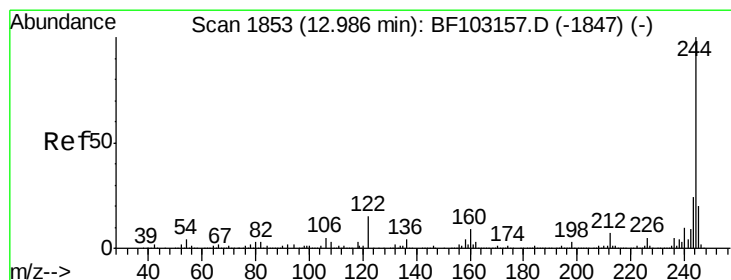
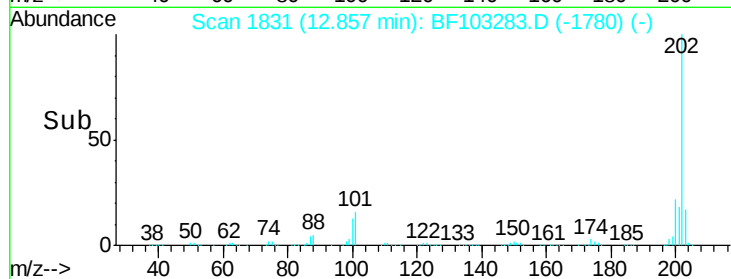
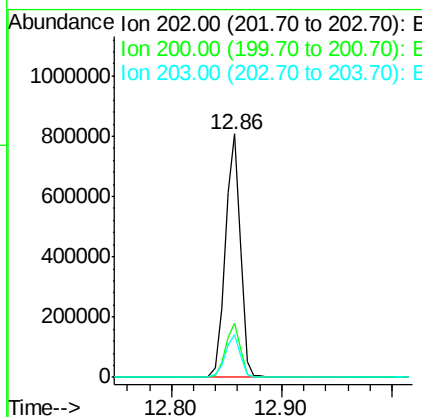
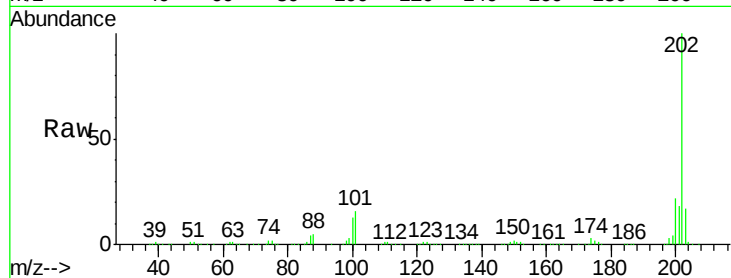




#77
Pvrene
Concen: 38.771 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

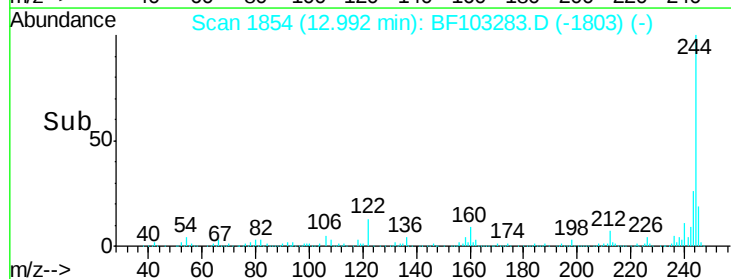
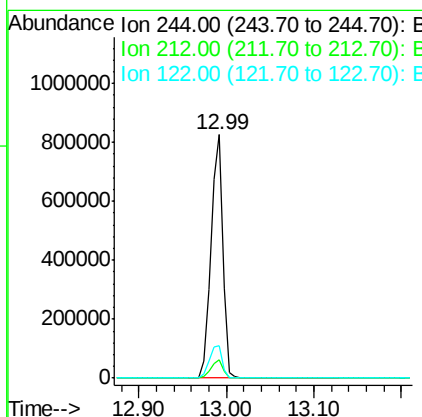
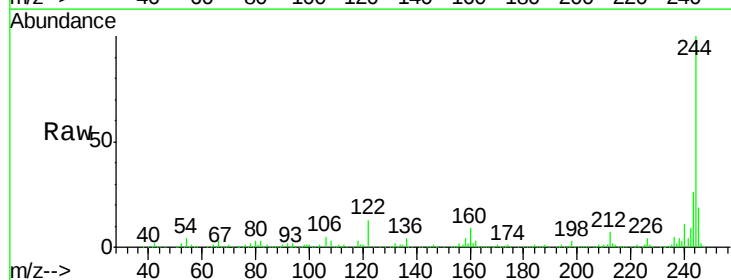
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

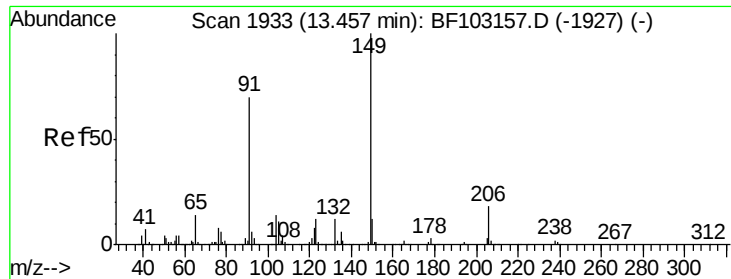
Tot Ion:202 Resp: 765268
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 74.180 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:244 Resp: 781235
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.2 11.0 16.4

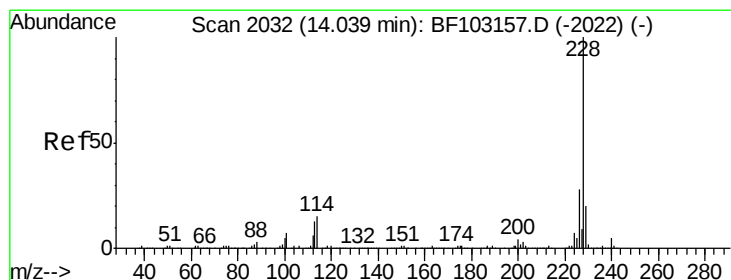
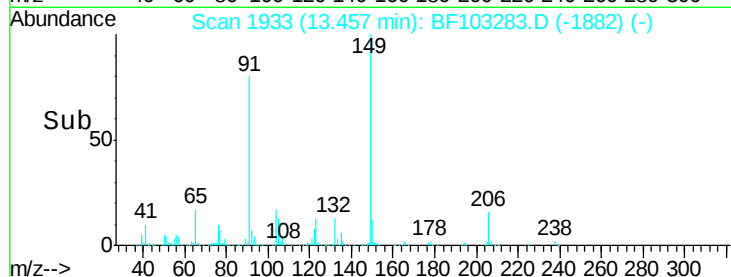
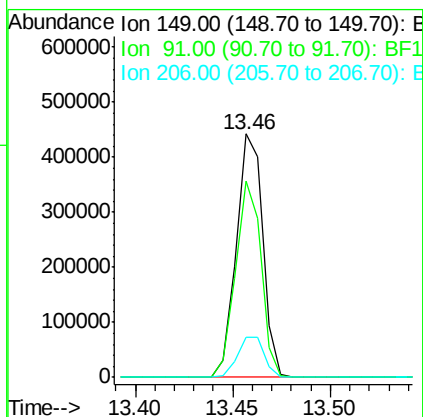
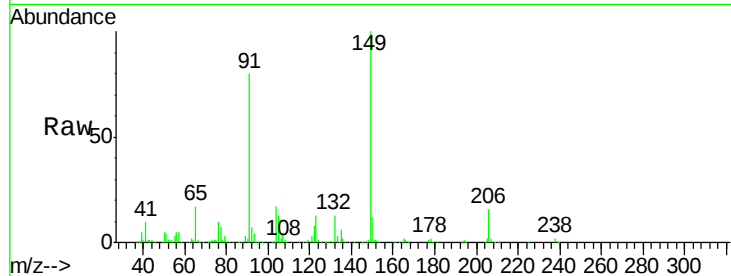




#79
Butylbenzylphthalate
Concen: 39.919 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

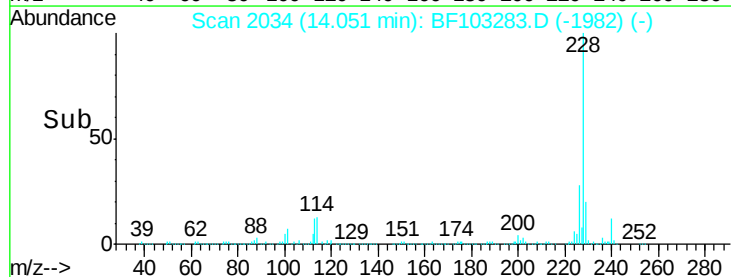
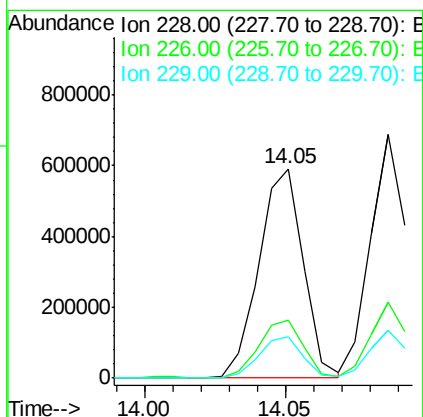
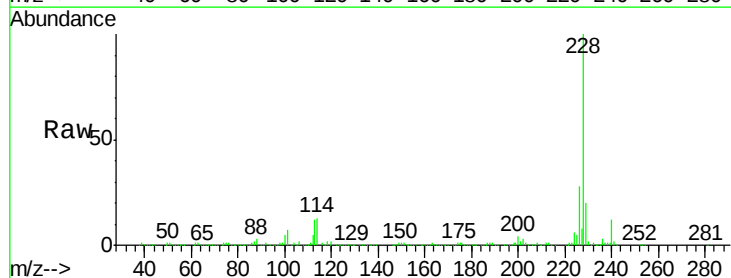
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

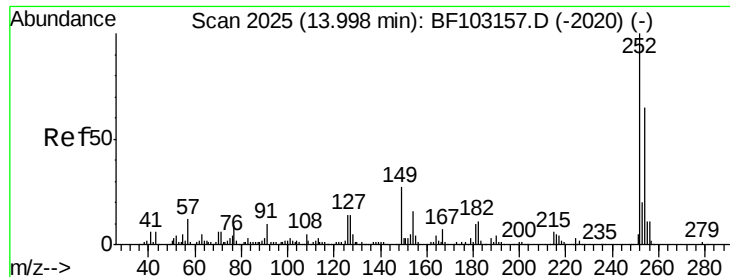
Tot Ion:149 Resp: 416298
Ion Ratio Lower Upper
149 100
91 80.4 56.8 85.2
206 16.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.093 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:228 Resp: 642150
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

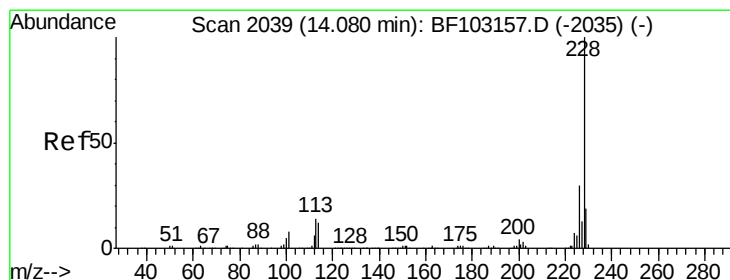
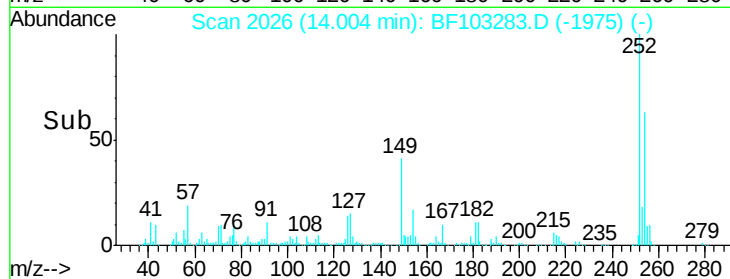
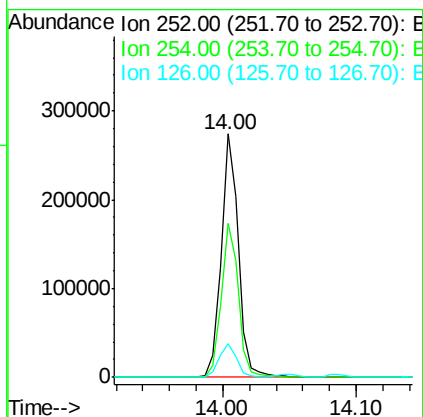
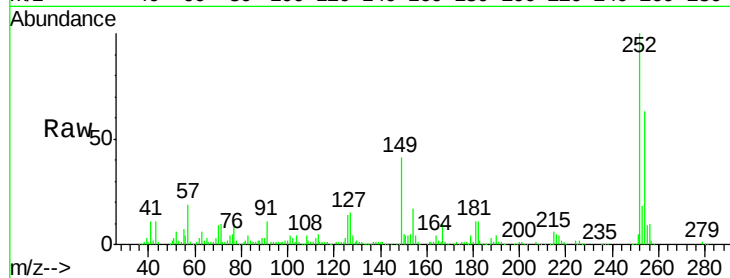




#81
 3,3'-Dichlorobenzidine
 Concen: 42.710 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

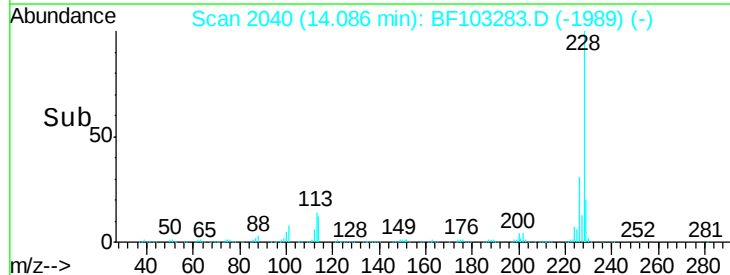
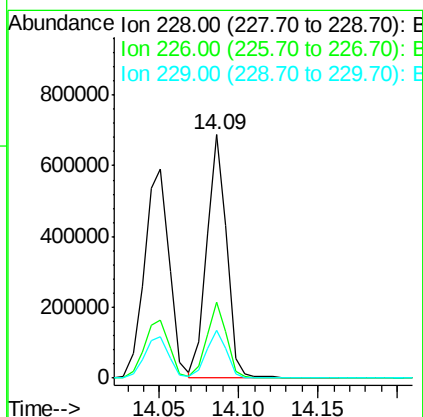
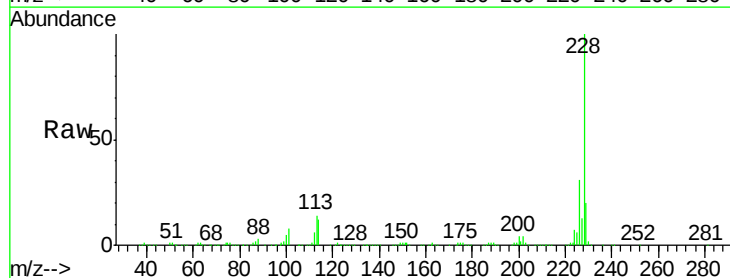
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

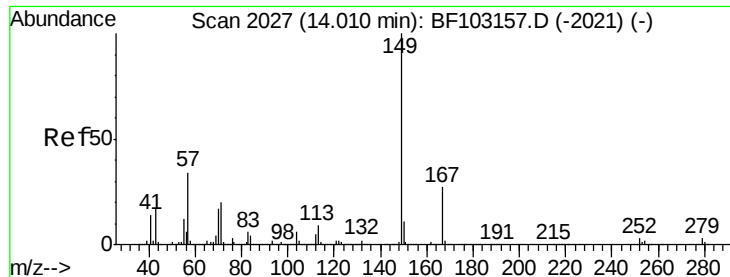
Tot Ion:252 Resp: 250375
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 14.0 11.3 16.9



#82
 Chrysene
 Concen: 37.909 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:228 Resp: 604637
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.442 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

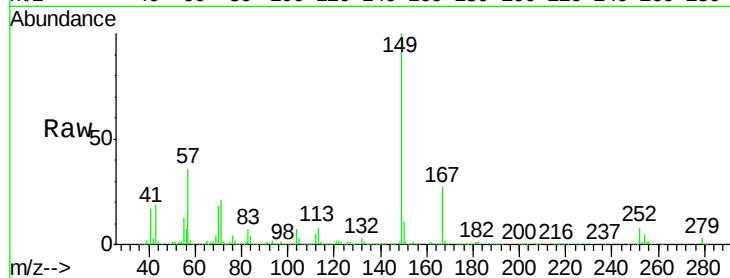
Tot Ion:149 Resp: 569143

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

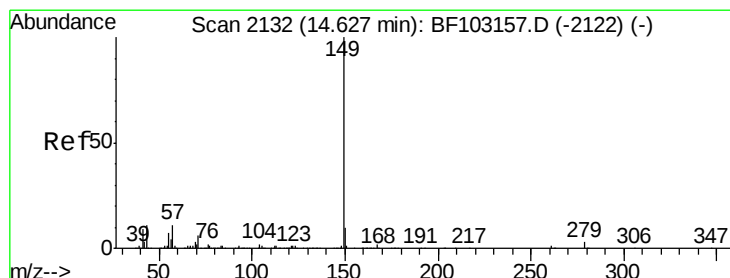
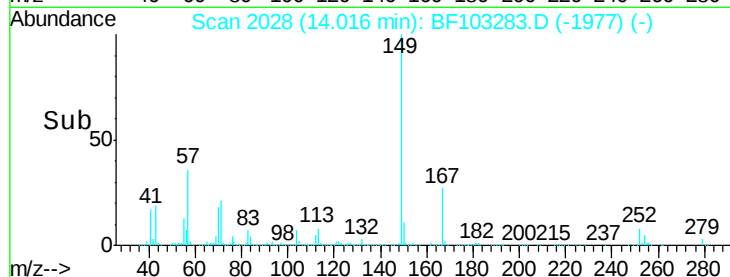
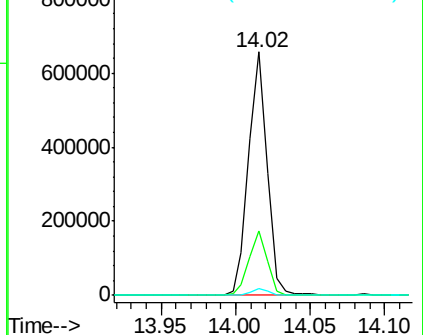
279 2.8 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 41.905 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

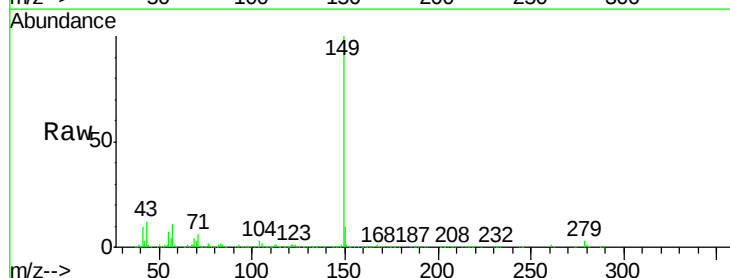
Tgt Ion:149 Resp: 952830

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

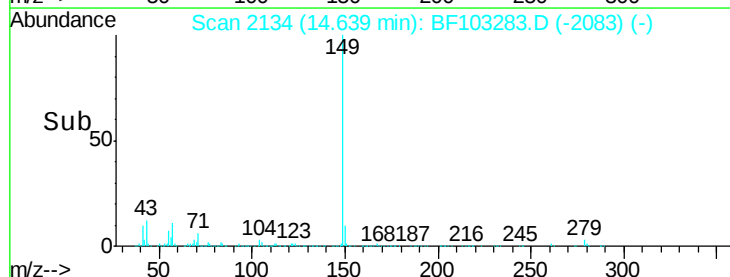
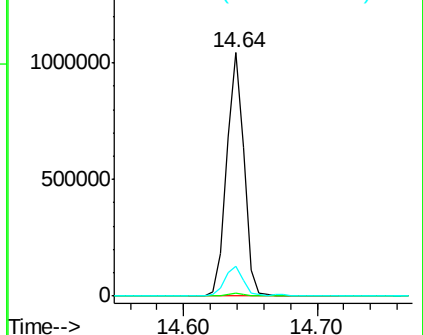
43 12.6 8.4 12.6#

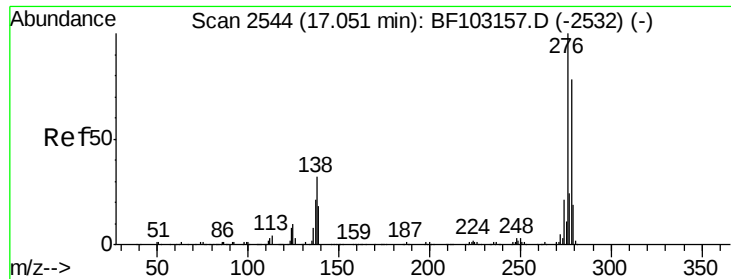


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

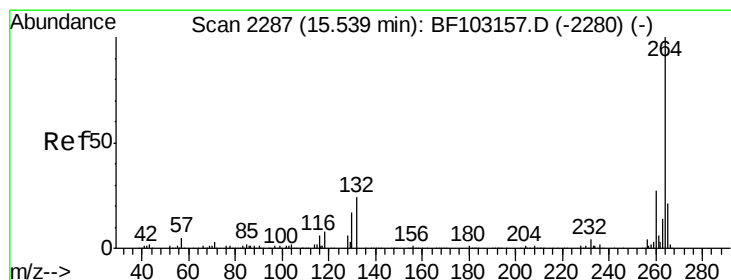
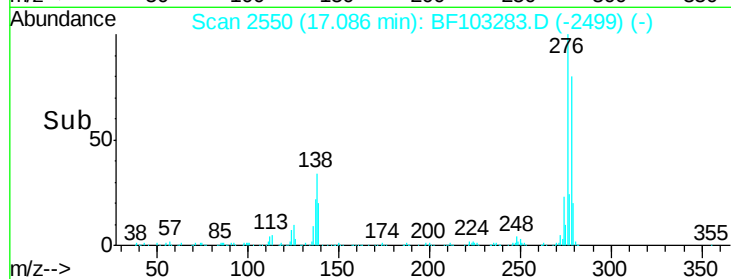
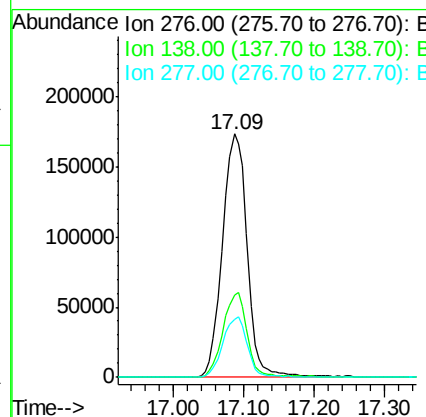
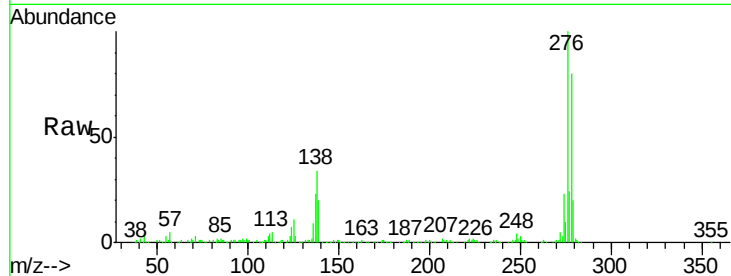




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.509 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

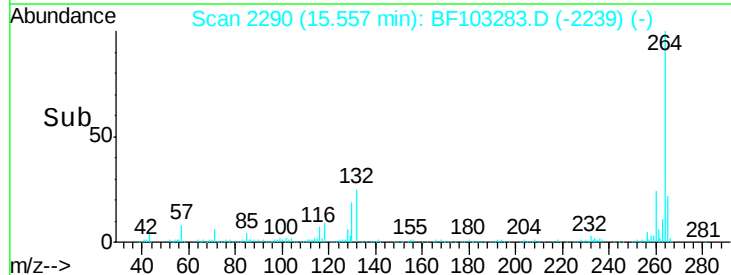
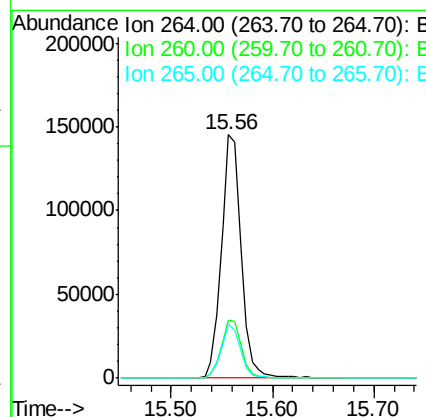
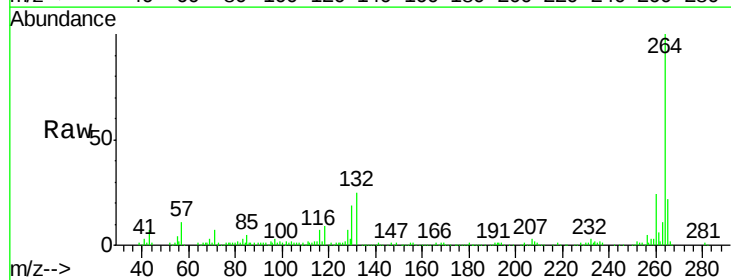
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

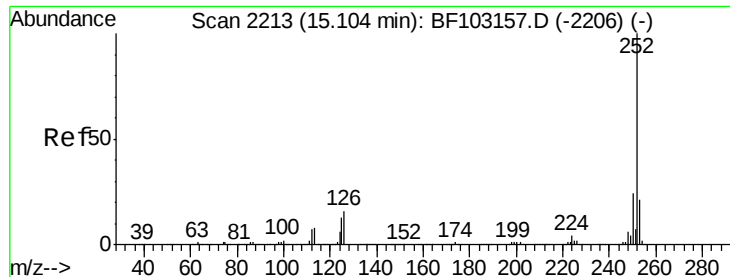
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

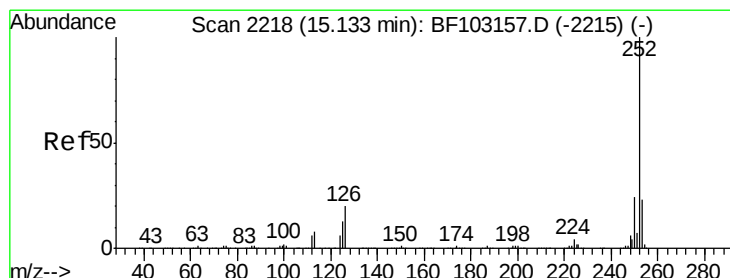
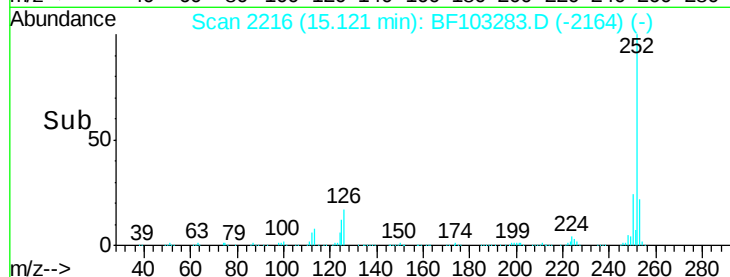
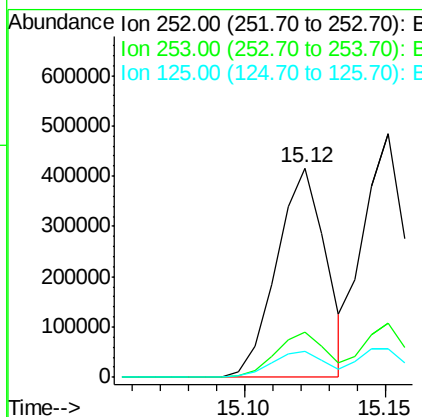
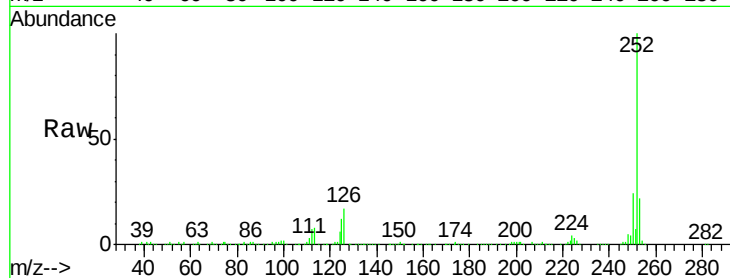




#87
Benzo(b)fluoranthene
Concen: 38.765 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

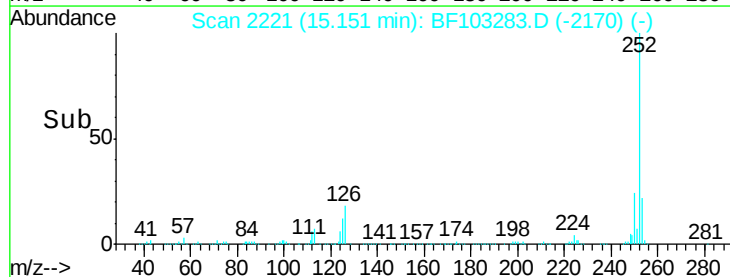
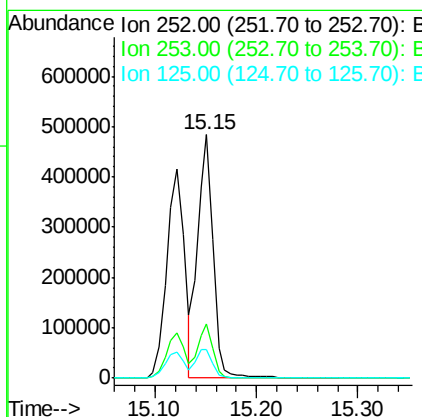
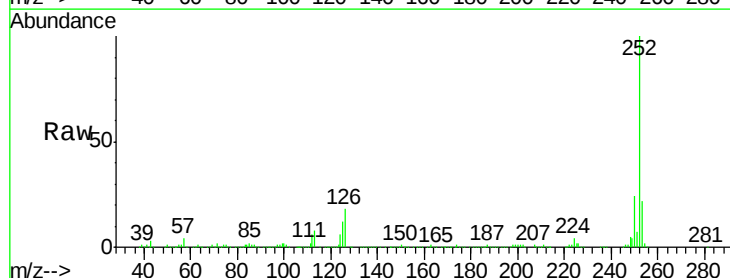
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

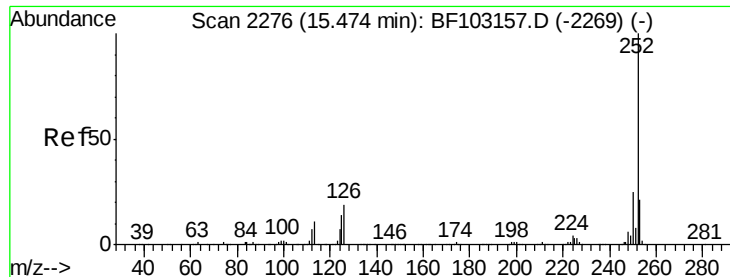
Tot Ion:252 Resp: 503592
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.682 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:252 Resp: 509899
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.967 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

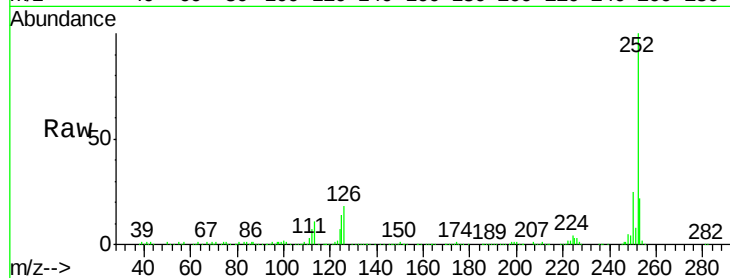
Tot Ion:252 Resp: 452052

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

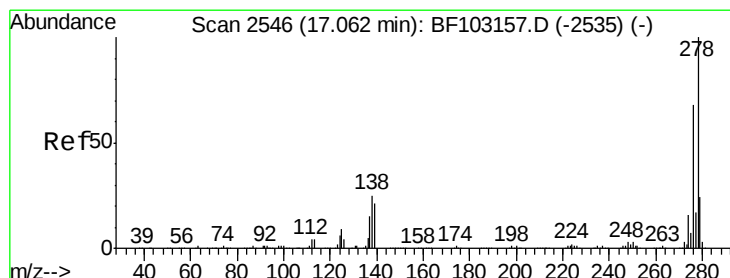
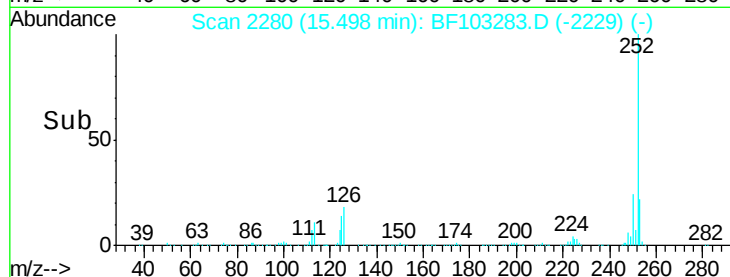
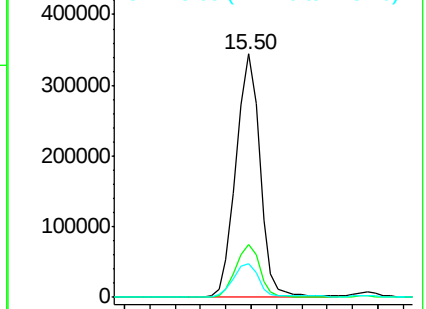
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.799 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

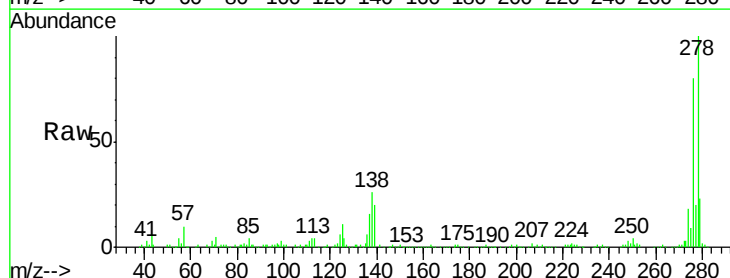
Tgt Ion:278 Resp: 356765

Ion Ratio Lower Upper

278 100

139 20.0 15.9 23.9

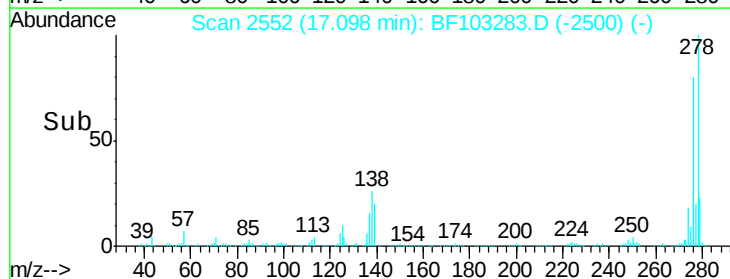
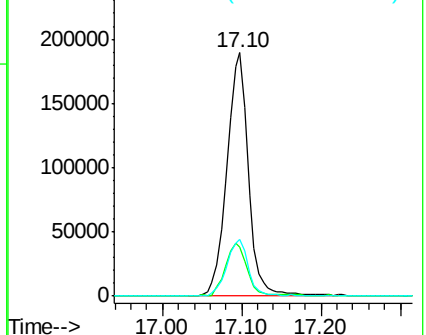
279 23.3 19.0 28.4

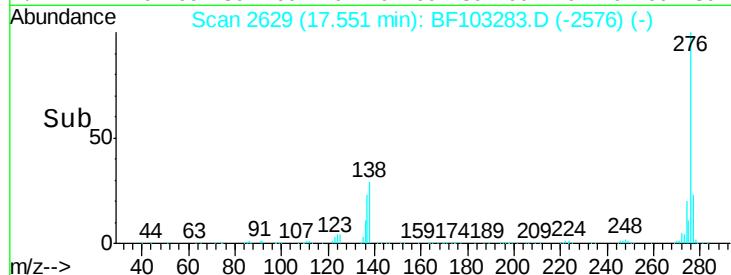
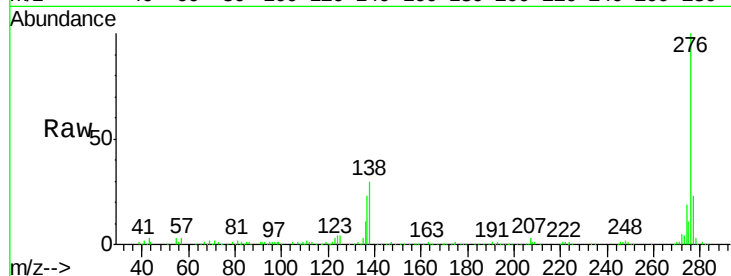
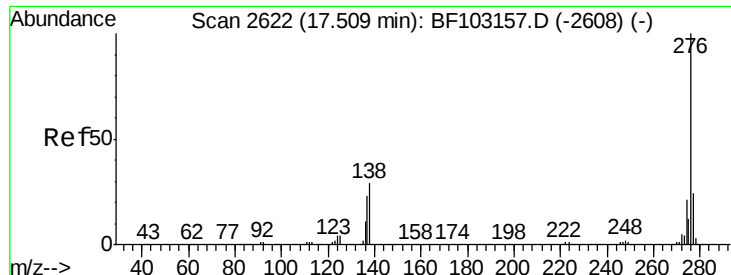


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.886 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	340682
Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	29.6	21.8	32.8

