

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103927.D
 Acq On : 26 Mar 2018 16:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 27 07:22:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147096	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	601484	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	281285	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	504219	20.00	ng	0.00
75) Chrysene-d12	14.17	240	373015	20.00	ng	0.00
86) Perylene-d12	15.71	264	320298	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	714835	73.91	ng	0.00
7) Phenol-d6	6.60	99	885606	74.85	ng	0.00
23) Nitrobenzene-d5	7.54	82	785671	91.09	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	238463	98.60	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1342495	76.13	ng	0.00
78) Terphenyl-d14	13.10	244	1291712	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	169715	35.639	ng	# 88
3) Pyridine	3.61	79	472766	36.094	ng	86
4) n-Nitrosodimethylamine	3.58	42	146244	30.282	ng	# 74
6) Aniline	6.64	93	617699	36.561	ng	98
8) 2-Chlorophenol	6.76	128	392637	38.756	ng	92
9) Benzaldehyde	6.53	77	255954	32.928	ng	99
10) Phenol	6.61	94	462691	36.801	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	381961	36.801	ng	94
12) 1,3-Dichlorobenzene	6.92	146	442981	38.391	ng	99
13) 1,4-Dichlorobenzene	6.99	146	447578	38.602	ng	99
14) 1,2-Dichlorobenzene	7.15	146	416594	38.720	ng	100
15) Benzyl Alcohol	7.11	79	341514	37.253	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	500160	33.881	ng	93
17) 2-Methylphenol	7.22	107	341323	37.833	ng	98
18) Hexachloroethane	7.49	117	158955	38.974	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	264168	34.839	ng	91
20) 3+4-Methylphenols	7.37	107	429105	37.478	ng	90
22) Acetophenone	7.39	105	551489	35.676	ng	# 93
24) Nitrobenzene	7.56	77	416139	41.096	ng	93
25) Isophorone	7.79	82	705113	35.314	ng	99
26) 2-Nitrophenol	7.87	139	219904	55.293	ng	90
27) 2,4-Dimethylphenol	7.90	122	328951	38.457	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	448804	37.120	ng	100
29) 2,4-Dichlorophenol	8.11	162	320872	41.232	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	354351	39.259	ng	99
31) Naphthalene	8.28	128	1140178	37.526	ng	100
32) Benzoic acid	8.02	122	248269	42.551	ng	96
33) 4-Chloroaniline	8.33	127	498349	39.095	ng	97
34) Hexachlorobutadiene	8.39	225	191999	38.798	ng	99
35) Caprolactam	8.71	113	111178	41.489	ng	# 79
36) 4-Chloro-3-methylphenol	8.80	107	340495	39.689	ng	94
37) 2-Methylnaphthalene	8.97	142	743318	38.578	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	327689	40.835	ng	99
40) Hexachlorocyclopentadiene	9.12	237	158942	38.385	ng	96

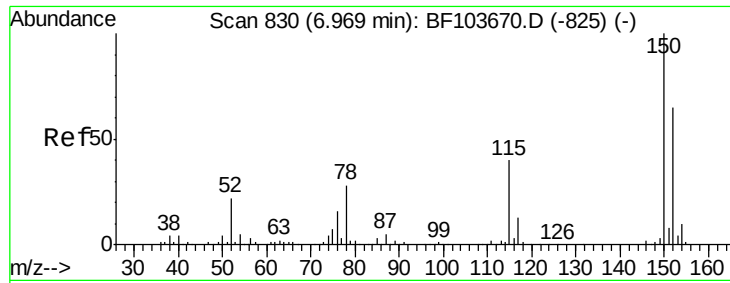
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	225314	43.897	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	254335	43.901	nq	99
45) 1,1'-Biphenyl	9.43	154	908466	38.732	nq	99
46) 2-Chloronaphthalene	9.46	162	721705	38.740	nq	100
47) 2-Nitroaniline	9.56	65	216522	44.936	nq	97
48) Acenaphthylene	9.88	152	1120725	38.795	nq	100
49) Dimethylphthalate	9.73	163	858692	40.013	nq	99
50) 2,6-Dinitrotoluene	9.80	165	191514	46.287	nq	95
51) Acenaphthene	10.06	154	687905	40.104	nq	98
52) 3-Nitroaniline	9.97	138	222200	44.925	nq	94
53) 2,4-Dinitrophenol	10.08	184	74771	66.786	nq	# 14
54) Dibenzofuran	10.23	168	931236	38.012	nq	100
55) 4-Nitrophenol	10.12	139	160399	43.258	nq	92
56) 2,4-Dinitrotoluene	10.20	165	254982	48.418	nq	94
57) Fluorene	10.57	166	748367	39.367	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	186457	45.421	nq	93
59) Diethylphthalate	10.43	149	811184	38.083	nq	97
60) 4-Chlorophenyl-phenylether	10.56	204	351162	40.420	nq	95
61) 4-Nitroaniline	10.59	138	219509	46.009	nq	91
62) Azobenzene	10.72	77	746007	34.449	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	124805	60.098	nq	86
65) n-Nitrosodiphenylamine	10.67	169	669539	39.011	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	214441	41.422	nq	# 88
67) Hexachlorobenzene	11.12	284	239320	40.503	nq	# 87
68) Atrazine	11.20	200	216824	40.840	nq	97
69) Pentachlorophenol	11.31	266	143395	42.212	nq	99
70) Phenanthrene	11.54	178	1053454	38.194	nq	99
71) Anthracene	11.59	178	1077916	38.478	nq	99
72) Carbazole	11.75	167	1039402	38.174	nq	99
73) Di-n-butylphthalate	12.06	149	1240648	37.974	nq	100
74) Fluoranthene	12.73	202	1095271	38.545	nq	98
76) Benzidine	12.85	184	728315	45.779	nq	99
77) Pyrene	12.96	202	1119414	40.864	nq	100
79) Butylbenzylphthalate	13.57	149	521709	42.985	nq	93
80) Benzo(a)anthracene	14.16	228	914452	38.729	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	316754	40.106	nq	97
82) Chrysene	14.20	228	875615	38.902	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	647917	37.368	nq	99
84) Di-n-octyl phthalate	14.75	149	1024983	40.634	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	762354	38.785	nq	97
87) Benzo(b)fluoranthene	15.26	252	796301	39.351	nq	98
88) Benzo(k)fluoranthene	15.29	252	754006	38.763	nq	99
89) Benzo(a)pyrene	15.65	252	714860	38.949	nq	99
90) Dibenzo(a,h)anthracene	17.32	278	631692	39.747	nq	99
91) Benzo(g,h,i)perylene	17.79	276	625038	40.427	nq	96

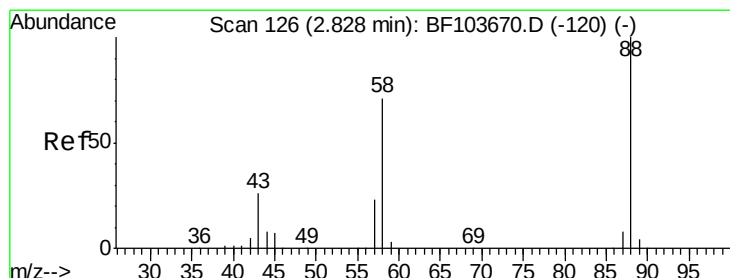
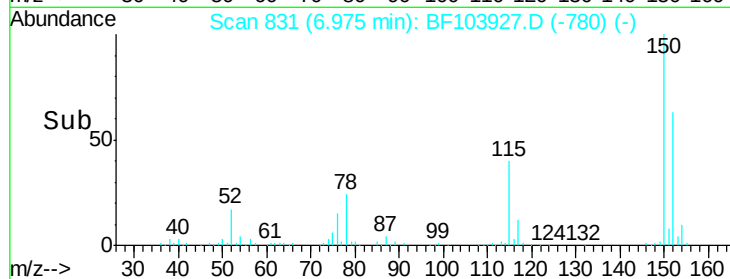
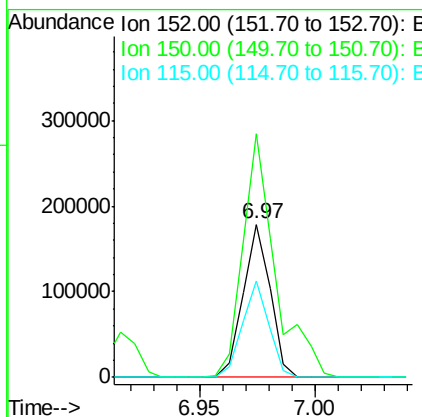
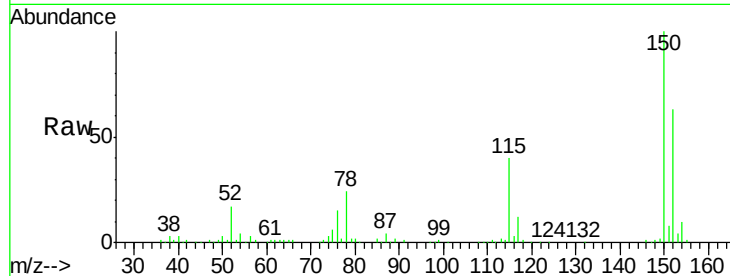
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

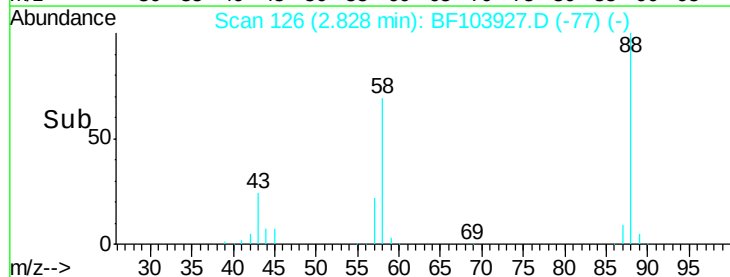
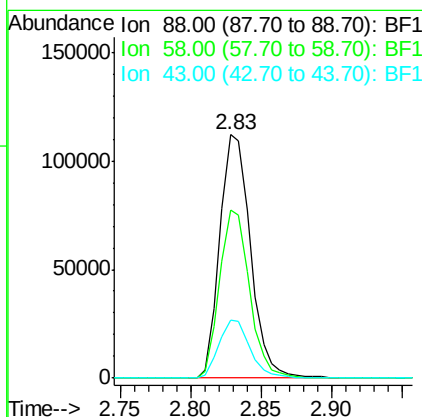
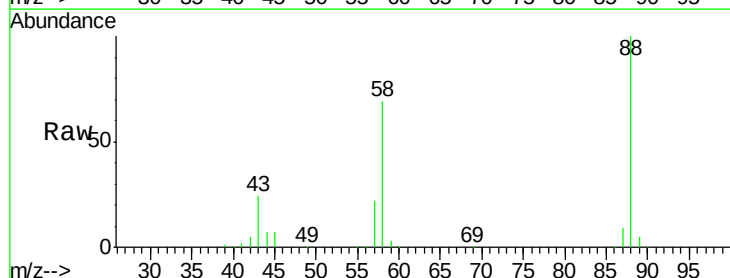
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

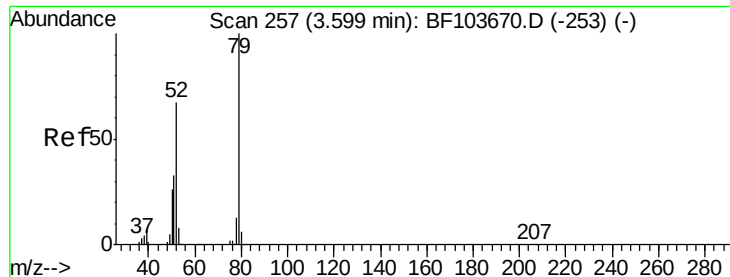
Tot Ion:152 Resp: 147096
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 63.3 50.1 75.1



#2
 1,4-Dioxane
 Concen: 35.639 ng
 RT: 2.83 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion: 88 Resp: 169715
 Ion Ratio Lower Upper
 88 100
 58 67.7 62.6 93.8
 43 24.3 24.6 37.0#





#3

Pvridine

Concen: 36.094 ng

RT: 3.61 min Scan# 259

Delta R.T. -0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

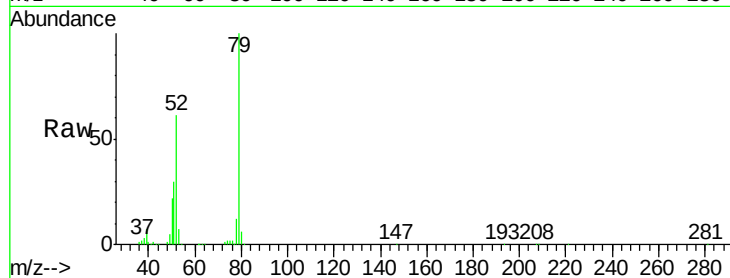
Tot Ion: 79 Resp: 472766

Ion Ratio Lower Upper

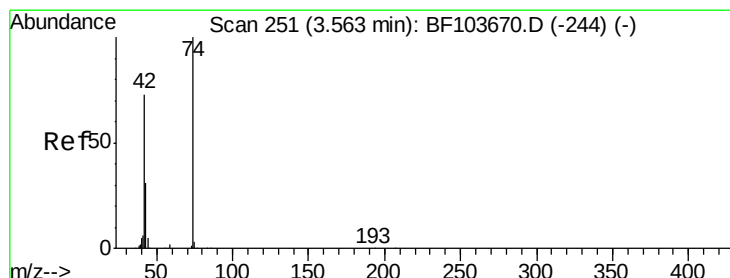
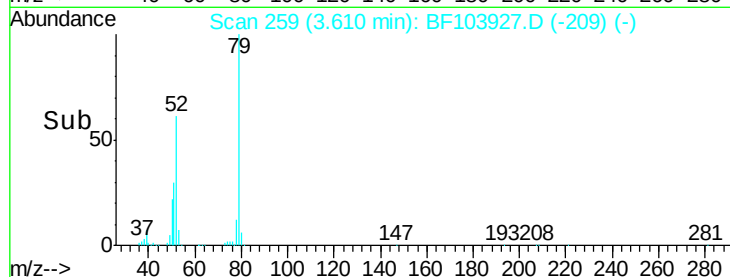
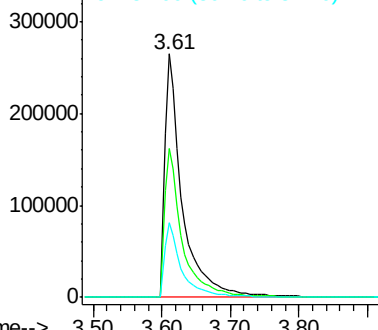
79 100

52 61.3 59.8 89.6

51 30.4 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: 30.282 ng

RT: 3.58 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

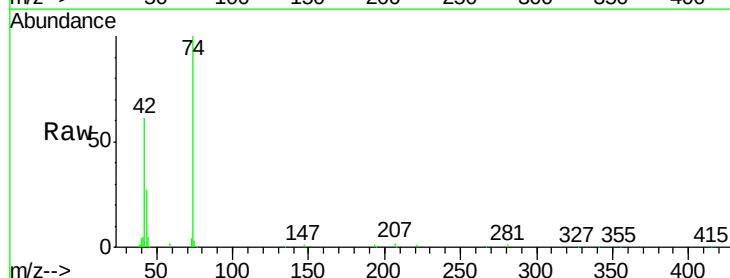
Tgt Ion: 42 Resp: 146244

Ion Ratio Lower Upper

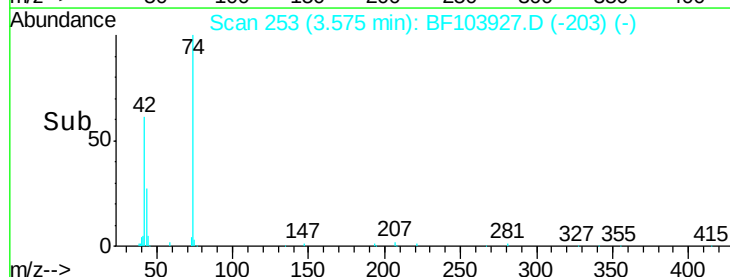
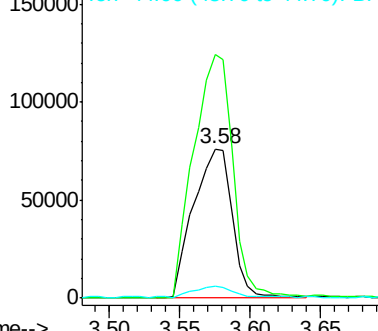
42 100

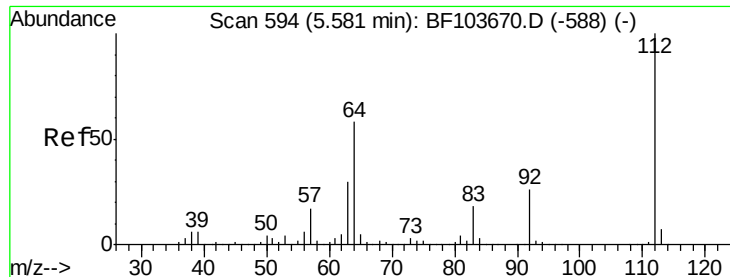
74 163.4 104.9 157.3#

44 8.2 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: 73.915 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

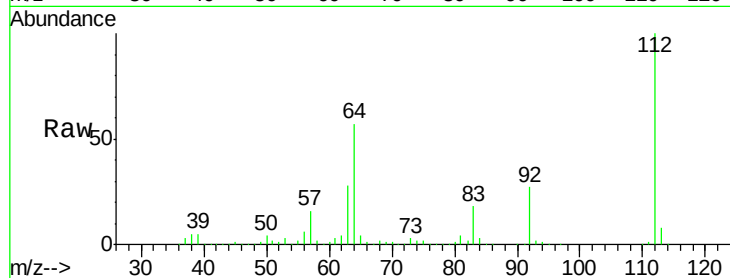
Tot Ion: 112 Resp: 714835

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

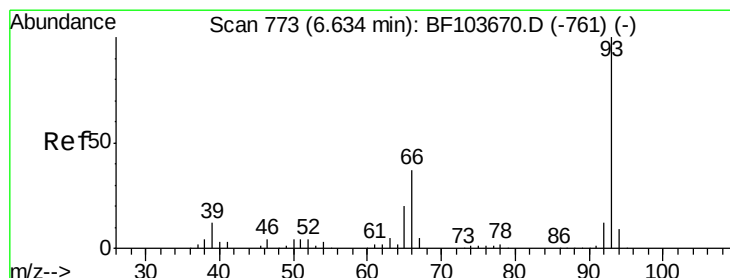
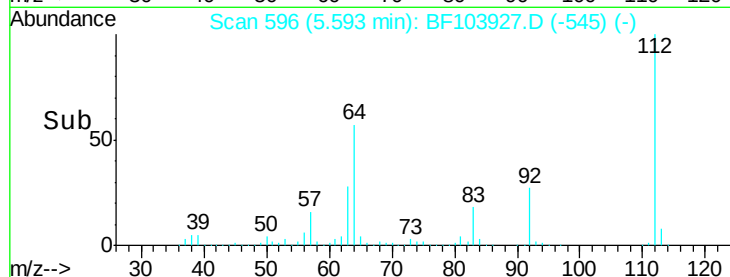
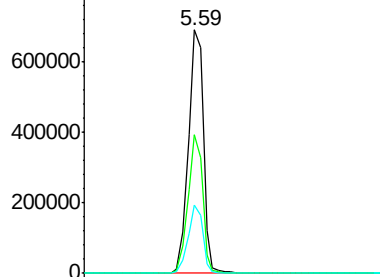
63 27.9 23.7 35.5



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: 36.561 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

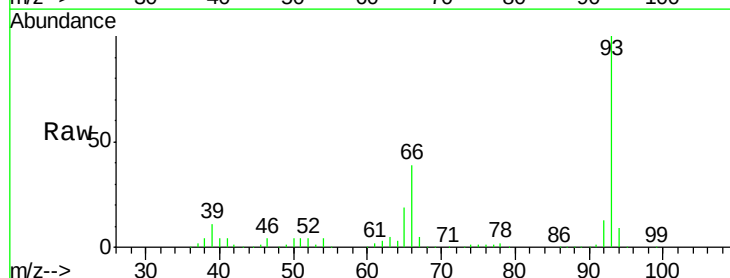
Tgt Ion: 93 Resp: 617699

Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

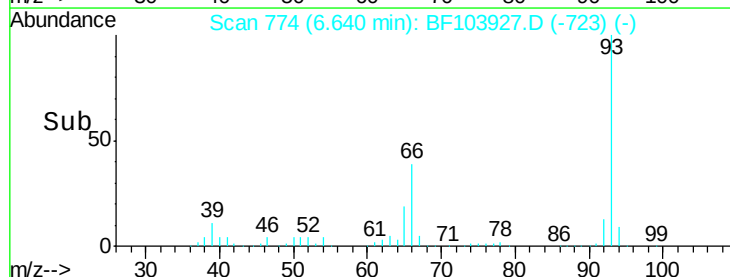
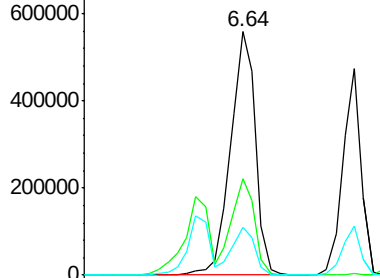
65 19.4 16.4 24.6

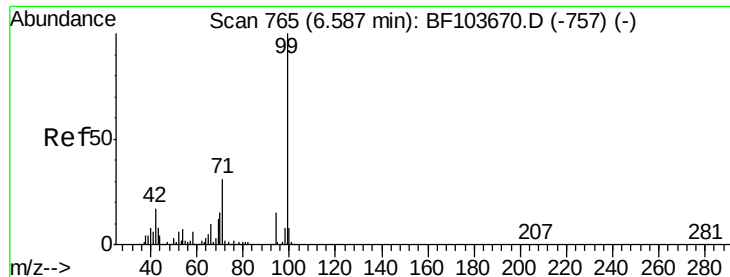


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.849 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

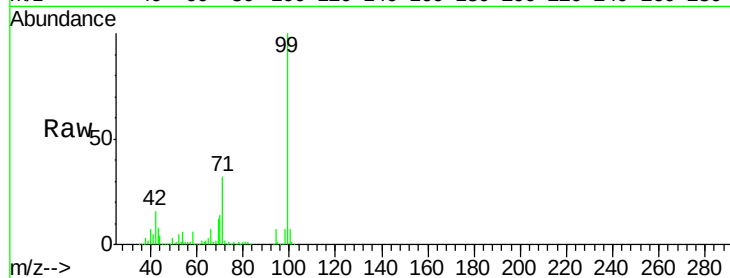
Tot Ion: 99 Resp: 885606

Ion Ratio Lower Upper

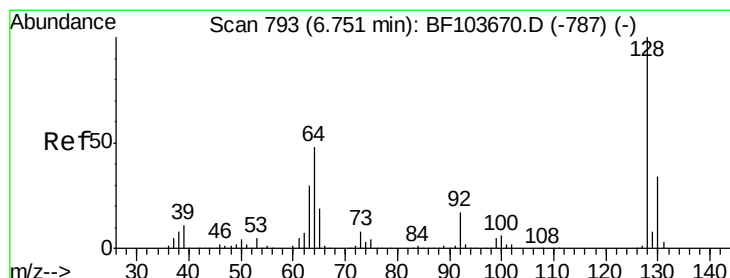
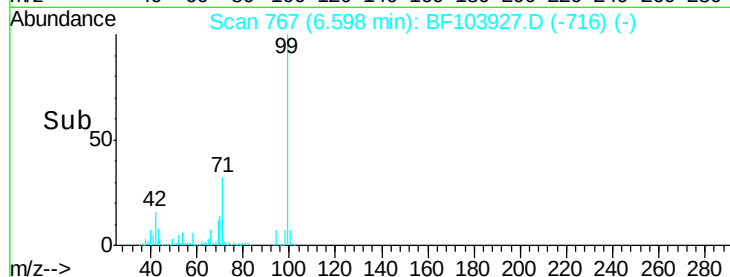
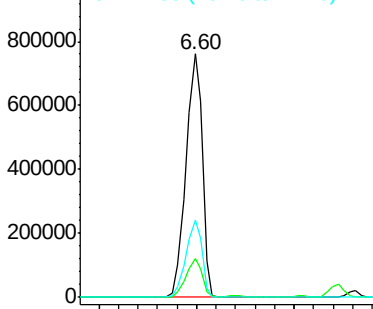
99 100

42 15.7 14.5 21.7

71 31.7 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: 38.756 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

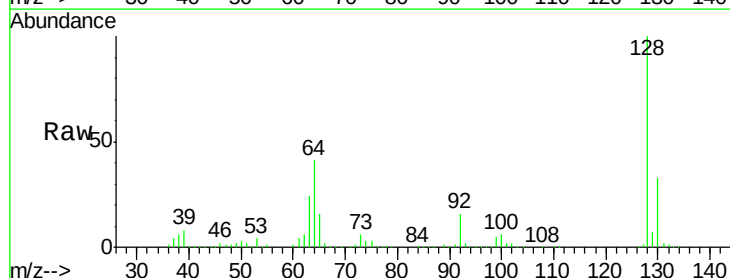
Tgt Ion: 128 Resp: 392637

Ion Ratio Lower Upper

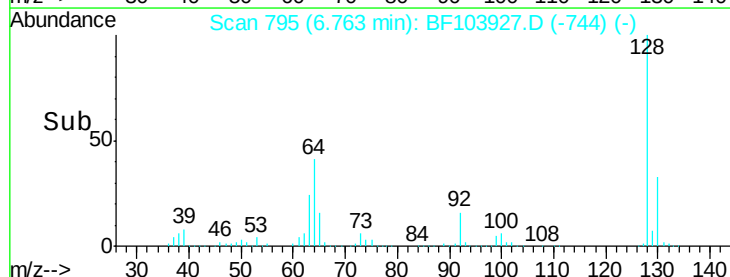
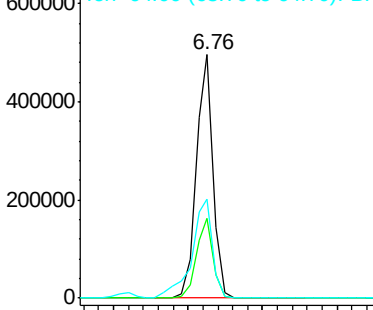
128 100

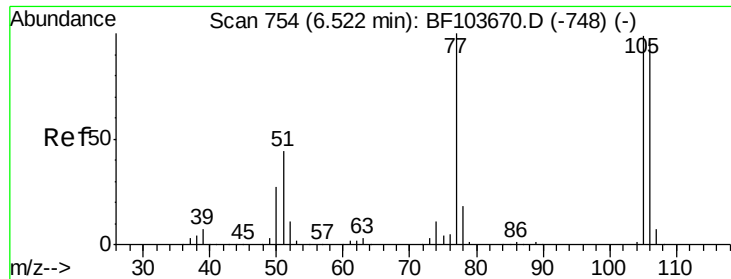
130 33.0 13.0 53.0

64 40.8 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: 32.928 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

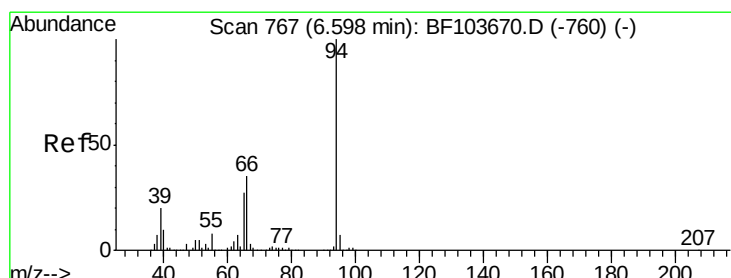
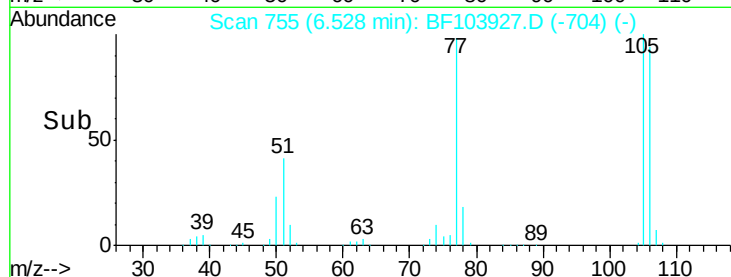
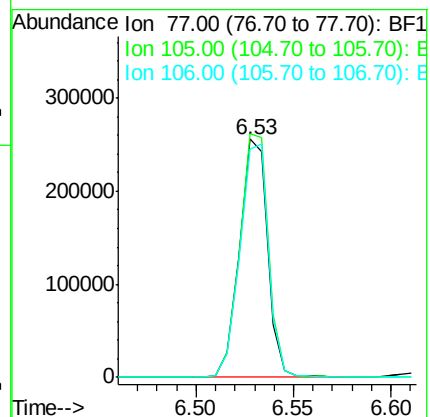
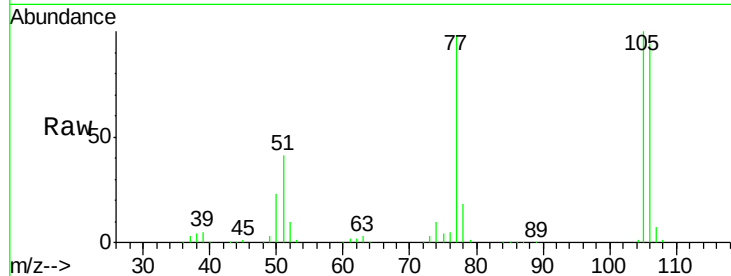
Tot Ion: 77 Resp: 255954

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

106 96.0 74.5 114.5



#10

Phenol

Concen: 36.801 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

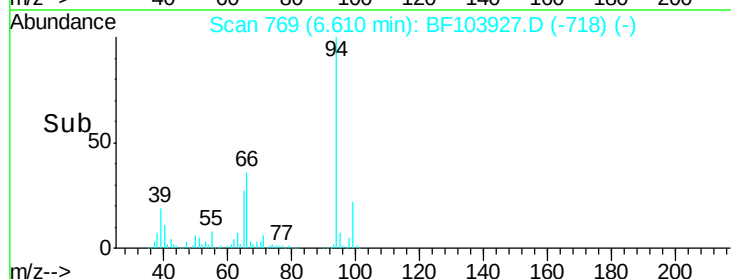
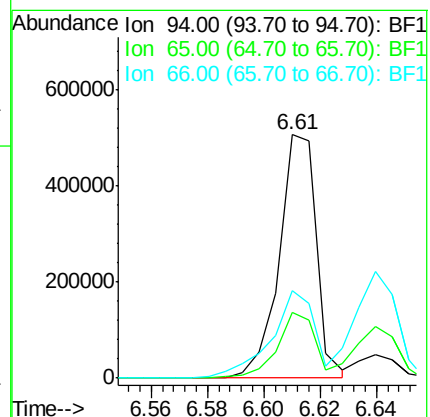
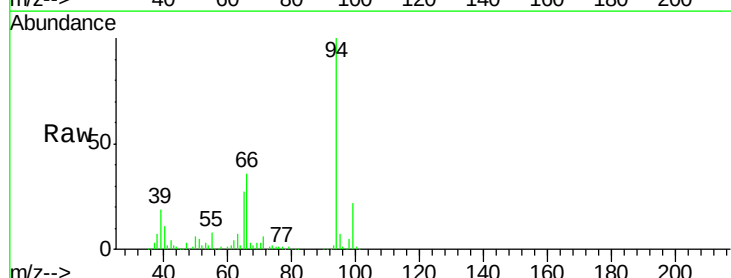
Tgt Ion: 94 Resp: 462691

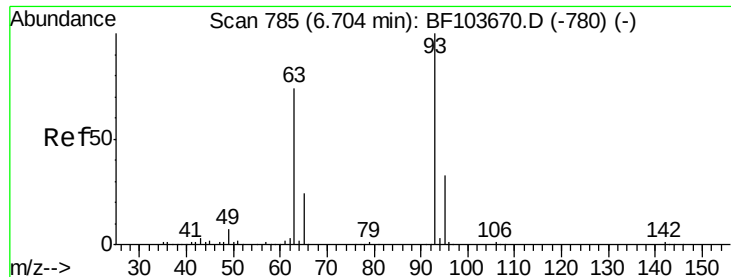
Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

66 35.9 16.2 56.2

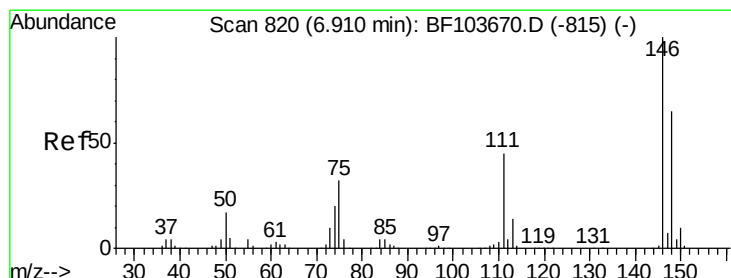
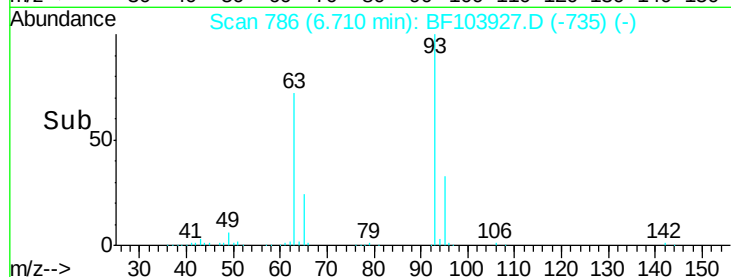
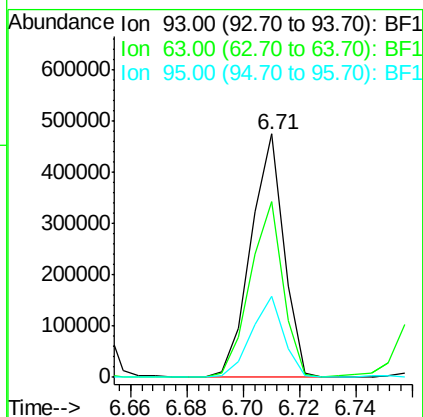
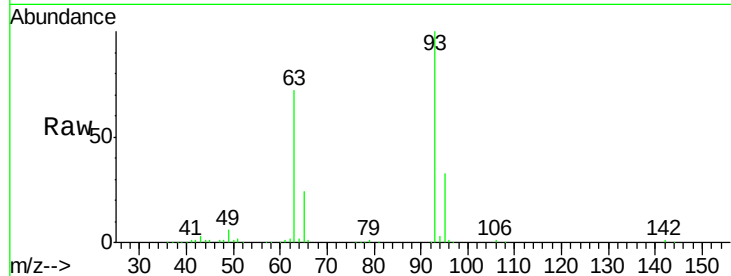




#11
 bis(2-Chloroethyl)ether
 Concen: 36.801 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

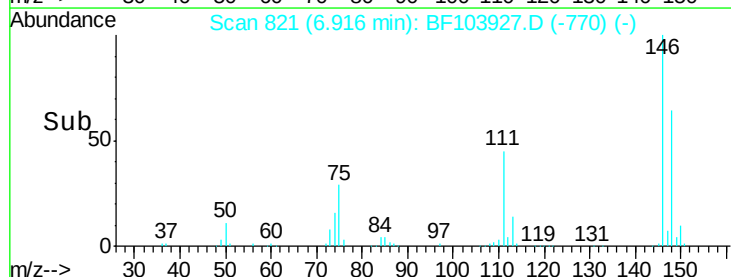
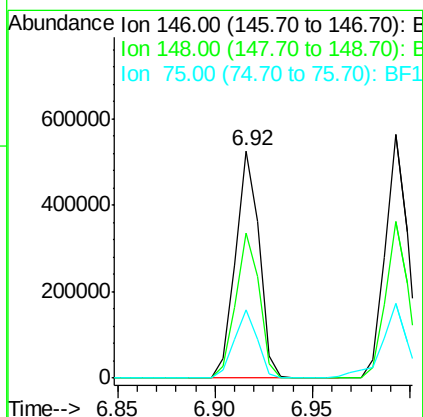
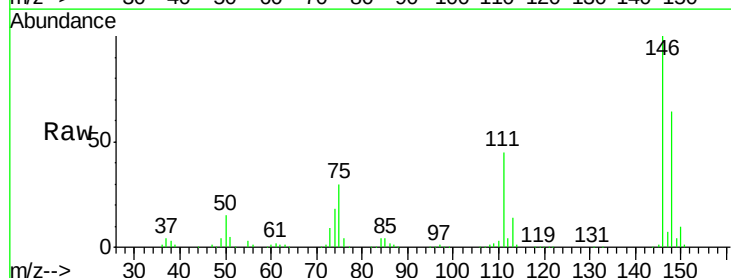
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

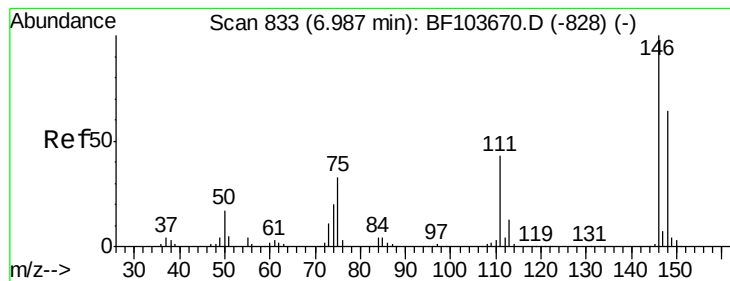
Tot Ion: 93 Resp: 381961
 Ion Ratio Lower Upper
 93 100
 63 72.2 58.6 98.6
 95 33.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.391 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion: 146 Resp: 442981
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 30.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.602 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

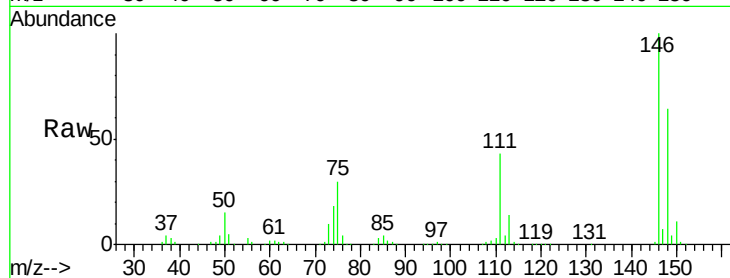
Tot Ion:146 Resp: 447578

Ion Ratio Lower Upper

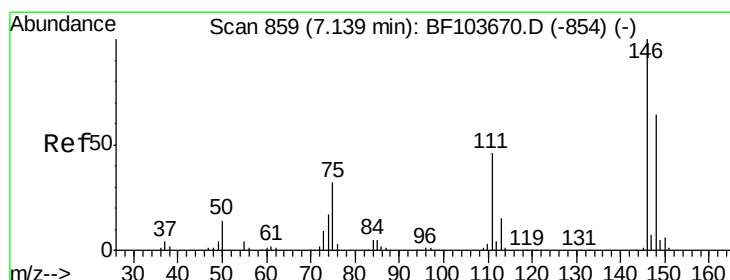
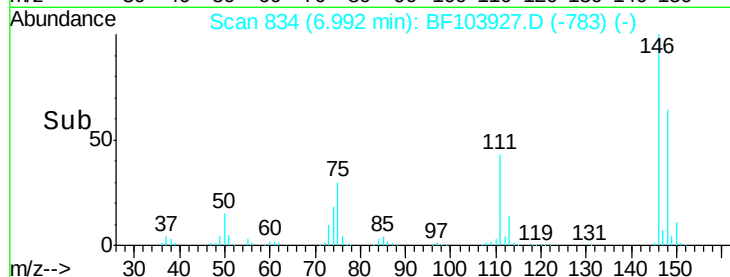
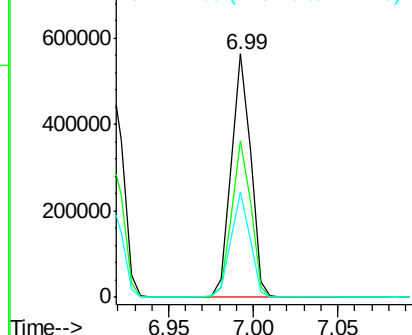
146 100

148 64.4 50.8 76.2

111 43.4 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.720 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

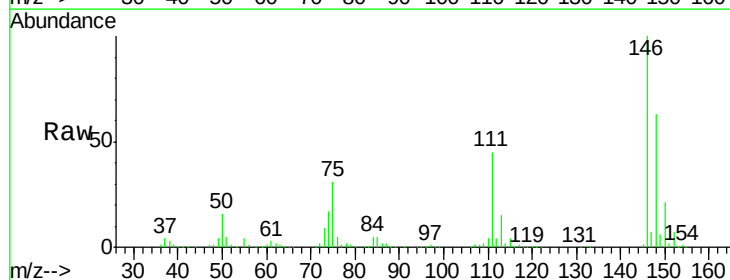
Tgt Ion:146 Resp: 416594

Ion Ratio Lower Upper

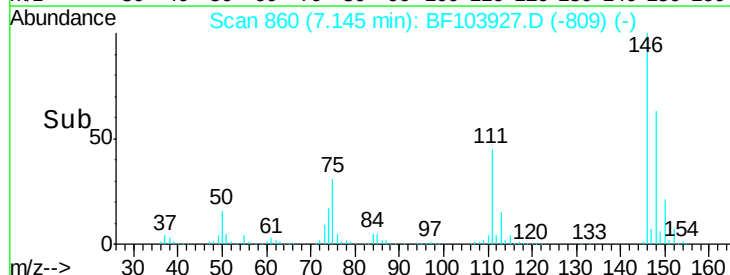
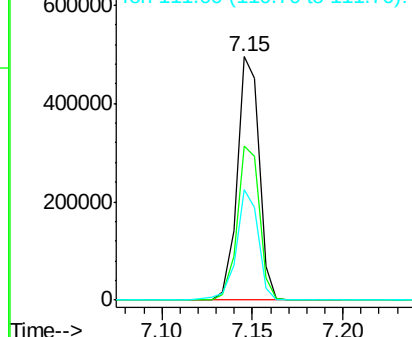
146 100

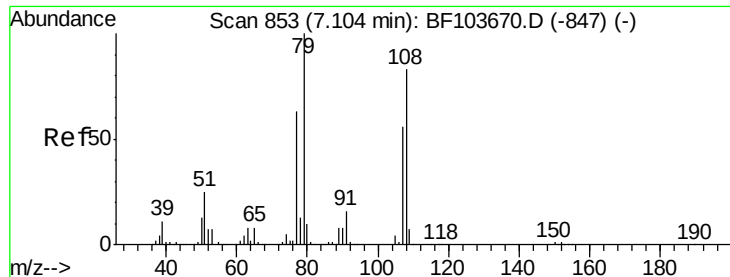
148 63.0 50.6 75.8

111 45.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.253 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

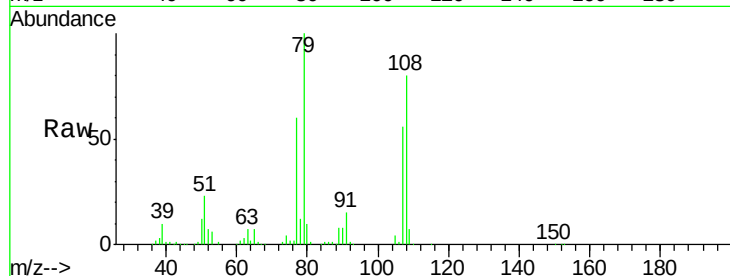
Tot Ion: 79 Resp: 341514

Ion Ratio Lower Upper

79 100

108 79.8 65.1 97.7

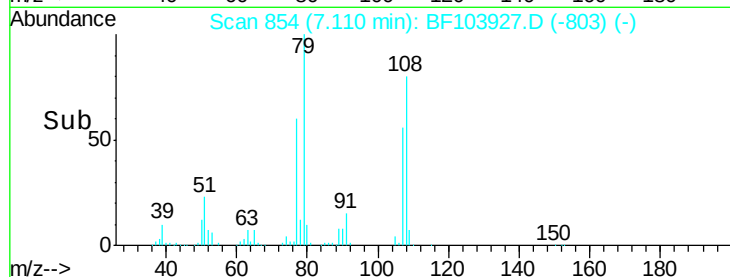
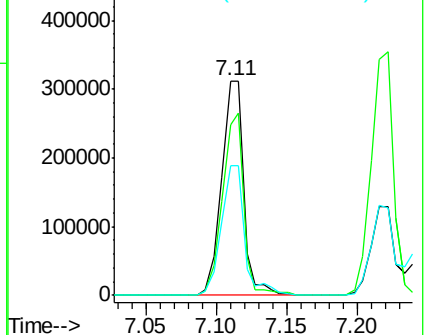
77 60.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.881 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

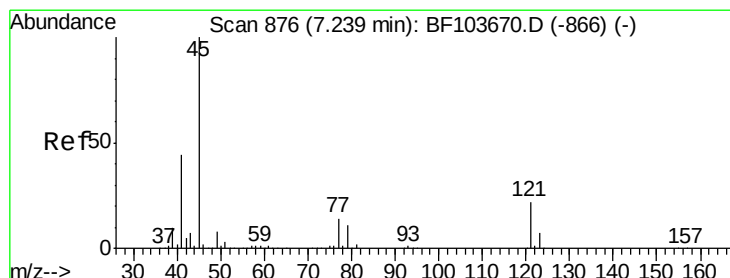
Tgt Ion: 45 Resp: 500160

Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

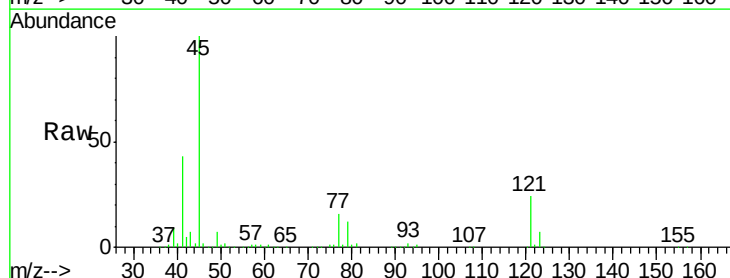
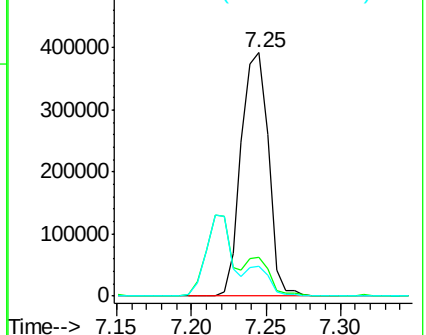
79 12.2 0.0 29.6

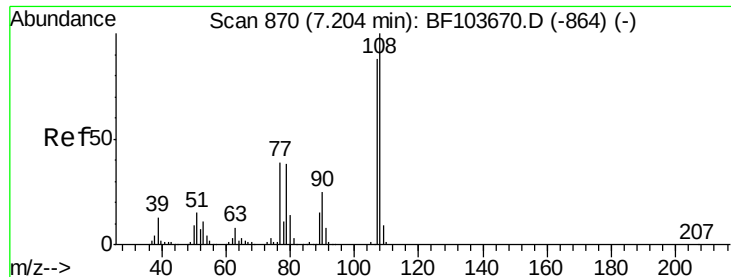


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

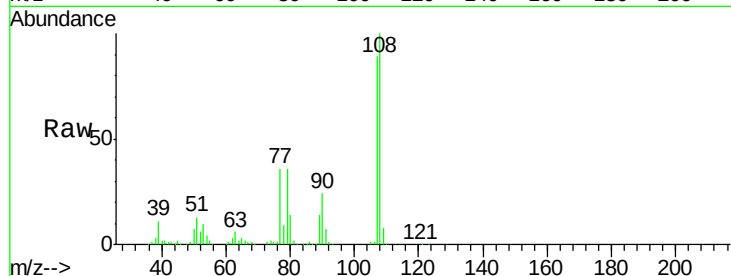




#17
2-Methylphenol
Concen: 37.833 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	40.6	33.8	50.8
79	40.8	33.8	50.8

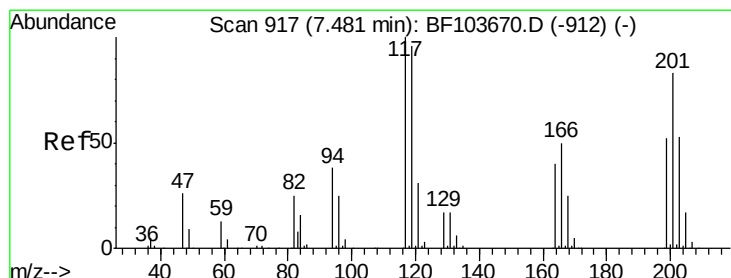
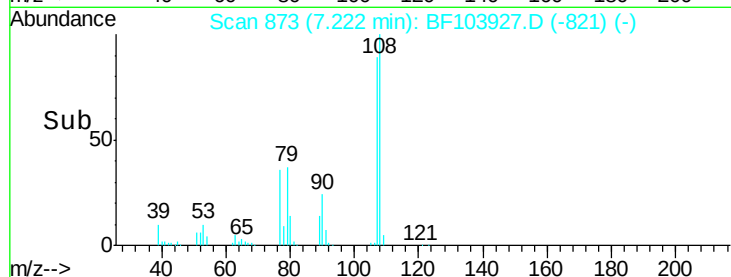
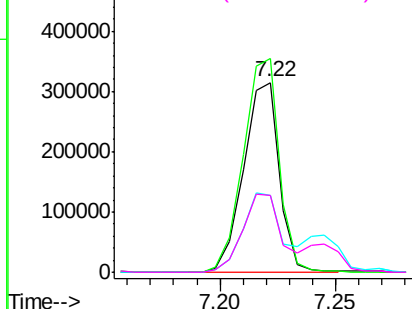


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

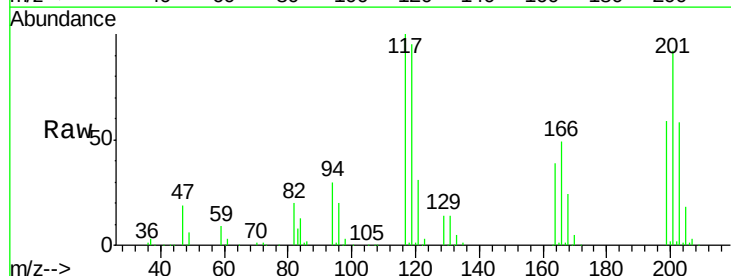
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.974 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

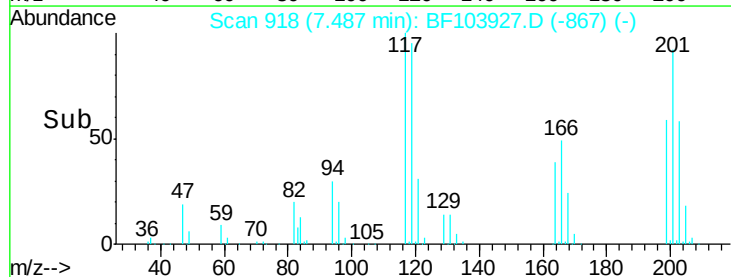
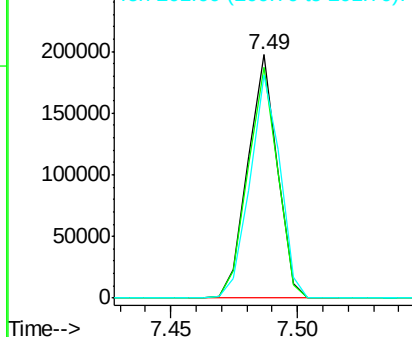
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	91.8	75.7	113.5

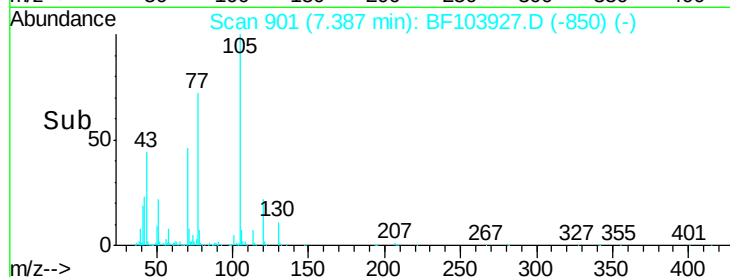
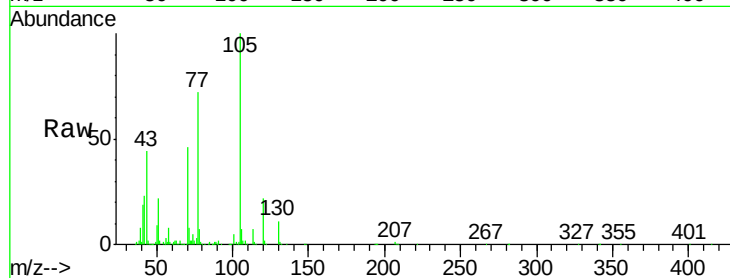
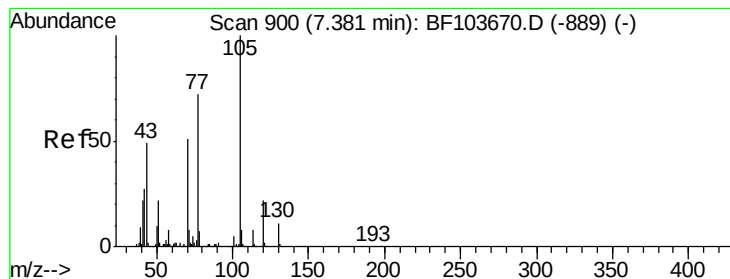


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.839 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 264168

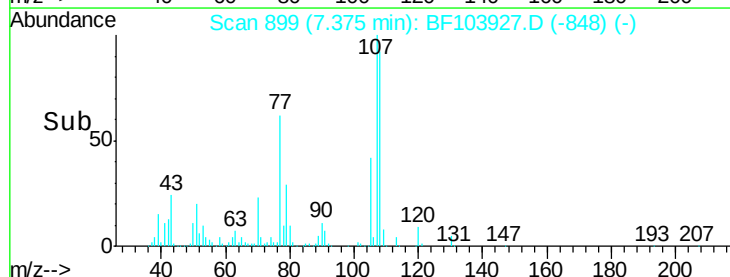
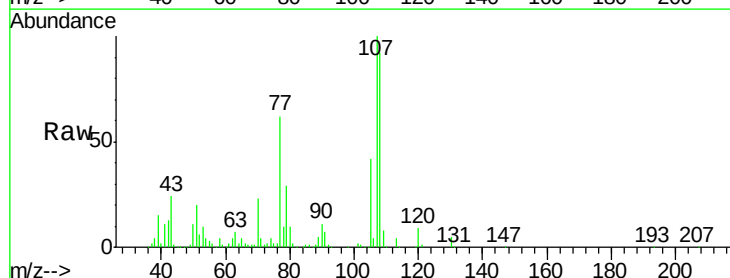
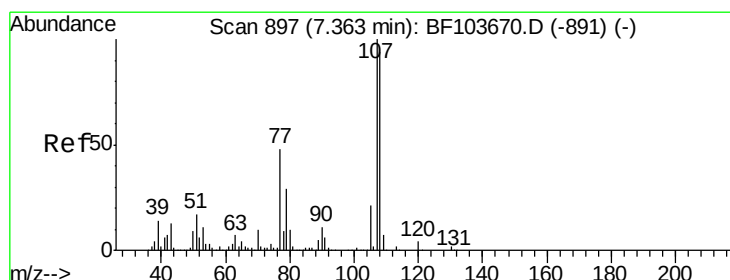
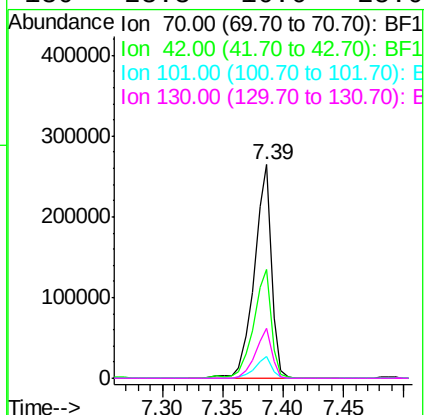
Ion Ratio Lower Upper

70 100

42 51.1 47.5 71.3

101 10.4 7.4 11.2

130 23.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.478 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Tgt Ion: 107 Resp: 429105

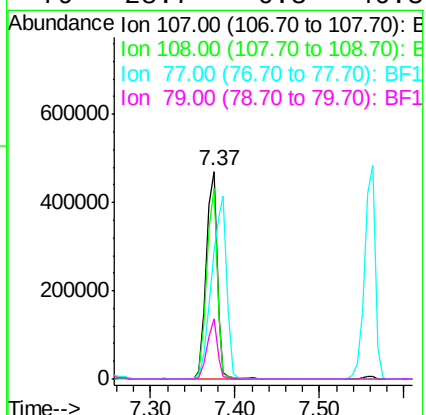
Ion Ratio Lower Upper

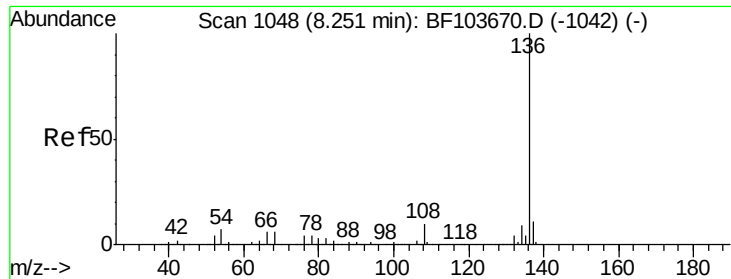
107 100

108 92.0 68.2 108.2

77 61.8 26.7 66.7

79 28.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 601484

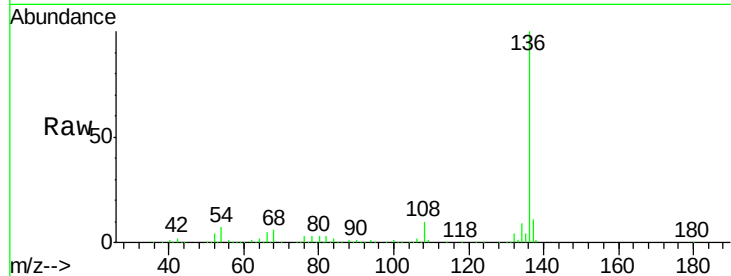
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.2 5.0 7.4

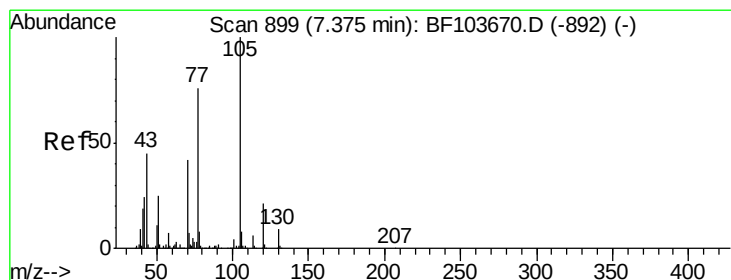
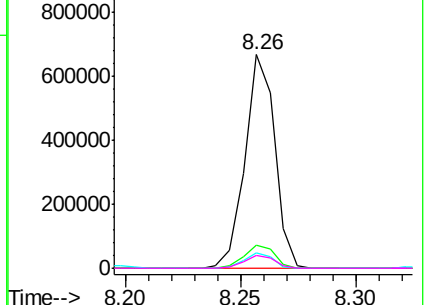
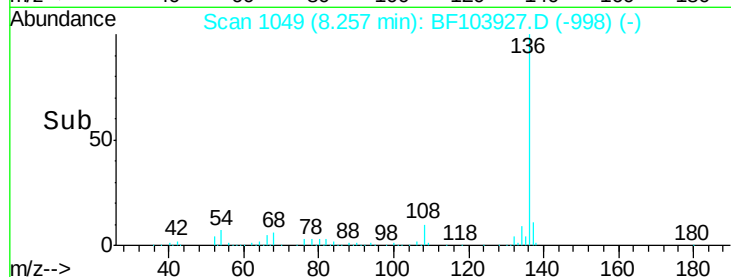


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.676 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Tgt Ion:105 Resp: 551489

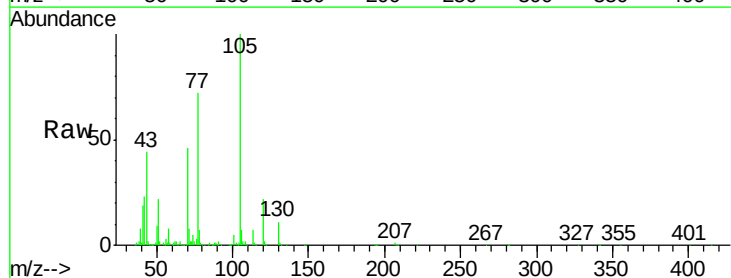
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 22.2 22.3 33.5#

120 22.0 16.9 25.3

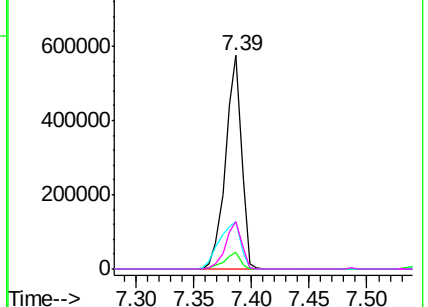
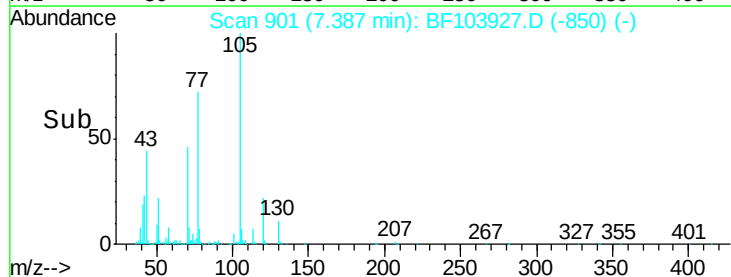


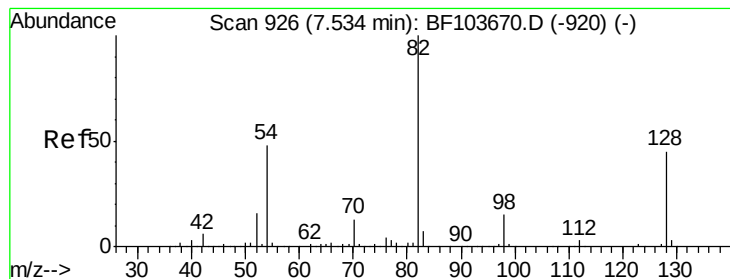
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.090 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

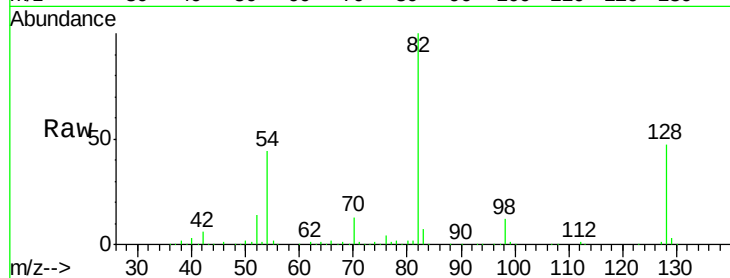
Tot Ion: 82 Resp: 785671

Ion Ratio Lower Upper

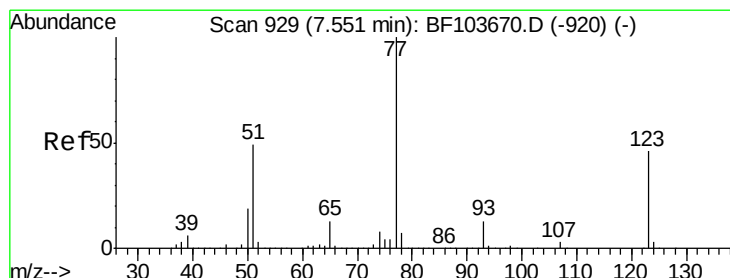
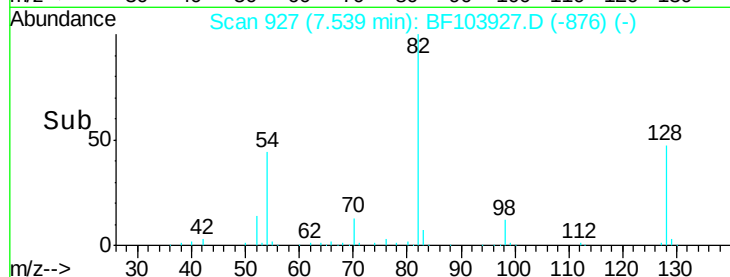
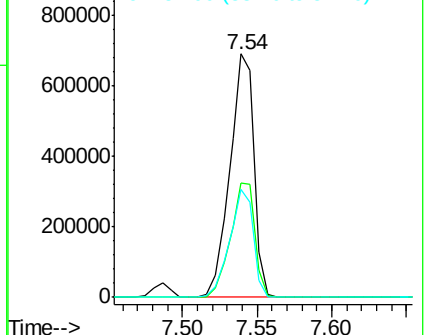
82 100

128 47.2 36.1 54.1

54 44.4 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.096 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

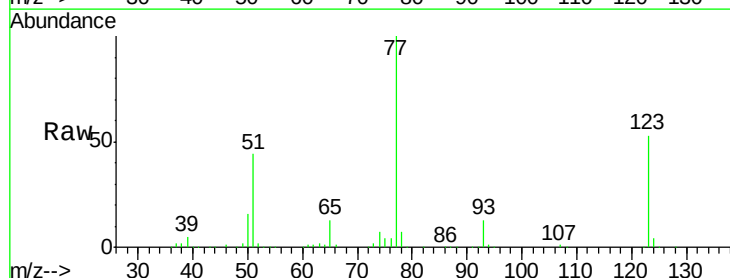
Tgt Ion: 77 Resp: 416139

Ion Ratio Lower Upper

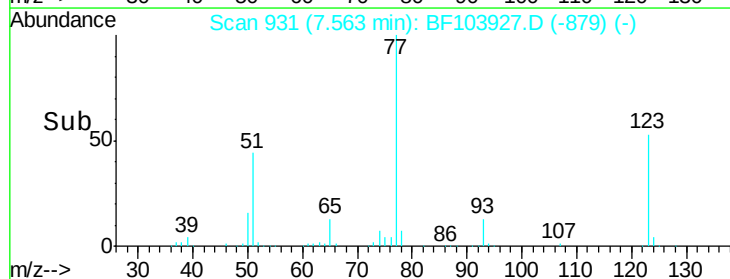
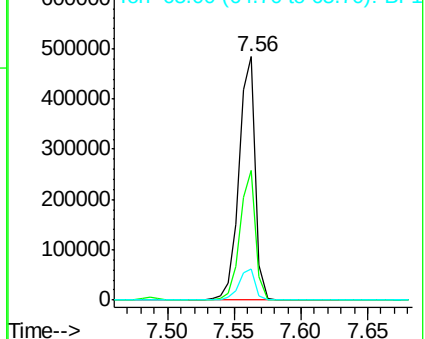
77 100

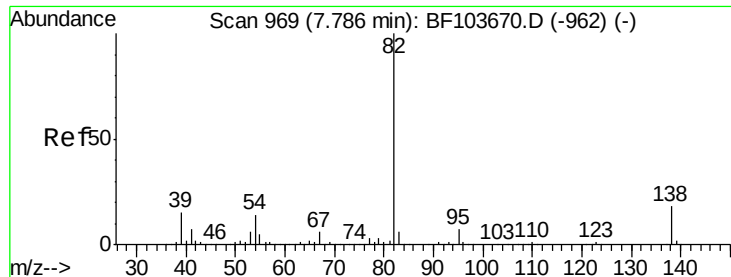
123 53.2 37.9 56.9

65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 35.314 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

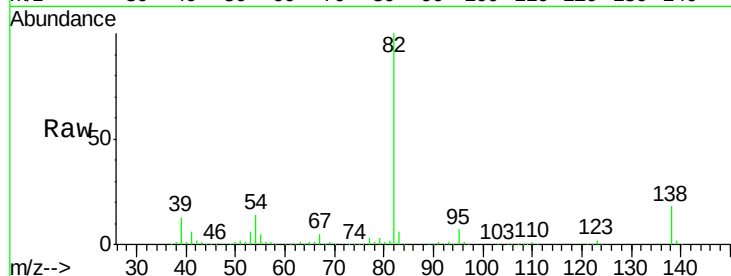
Tot Ion: 82 Resp: 705113

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

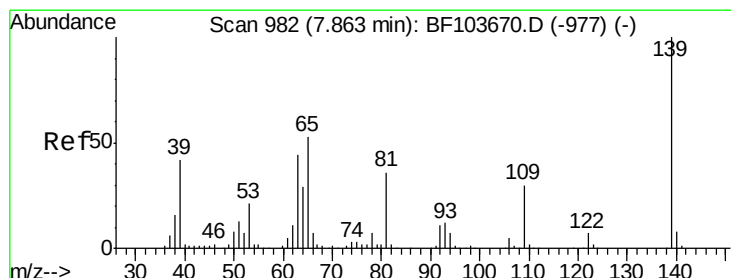
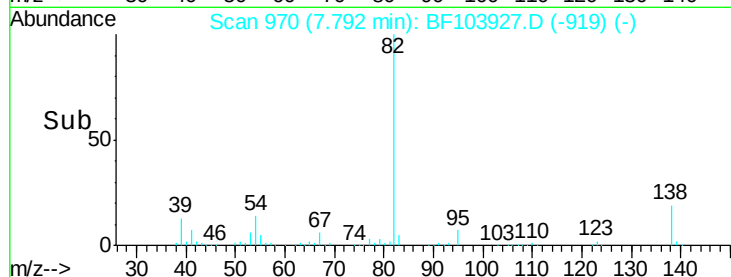
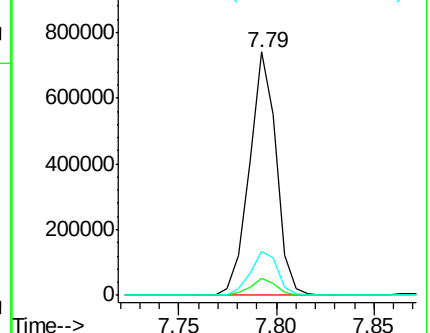
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.293 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

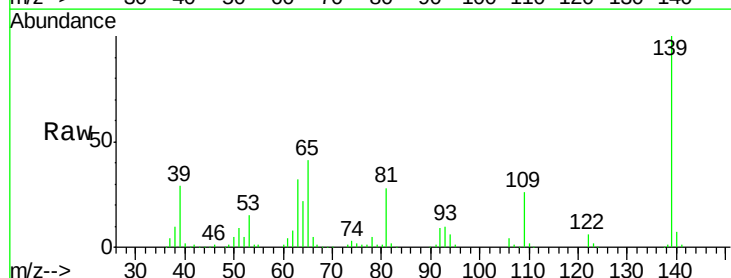
Tgt Ion: 139 Resp: 219904

Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

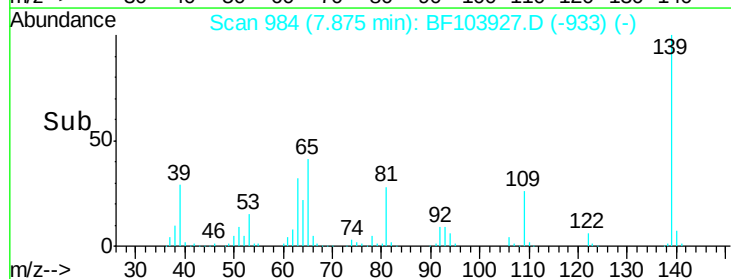
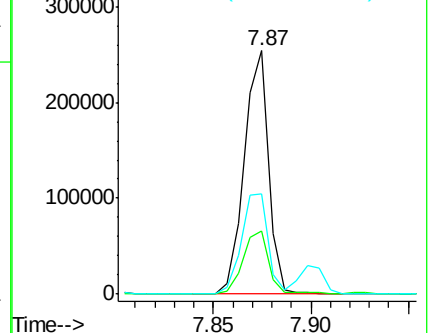
65 41.3 40.5 60.7

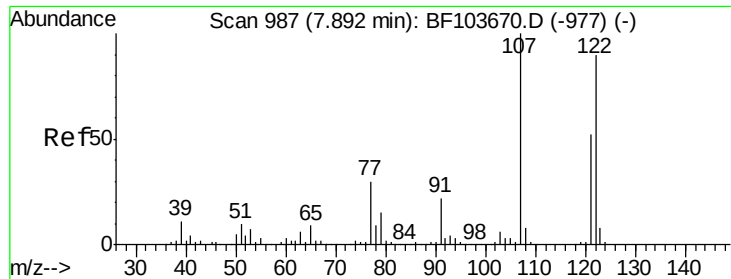


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.457 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

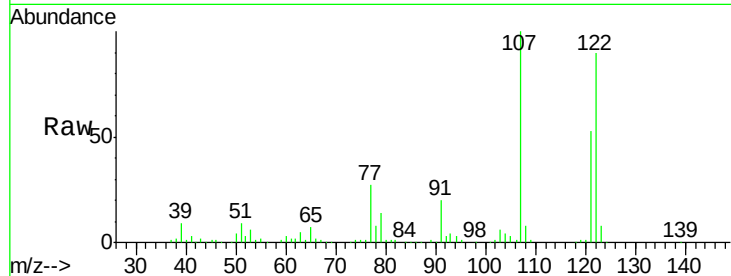
Tot Ion:122 Resp: 328951

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

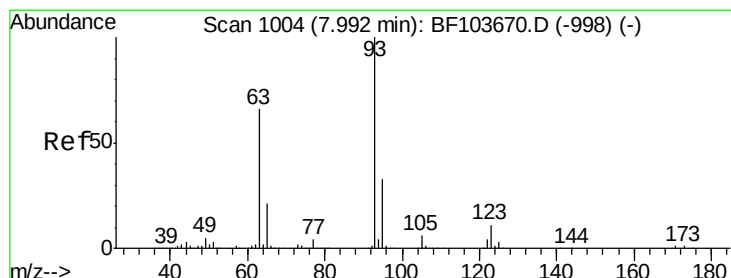
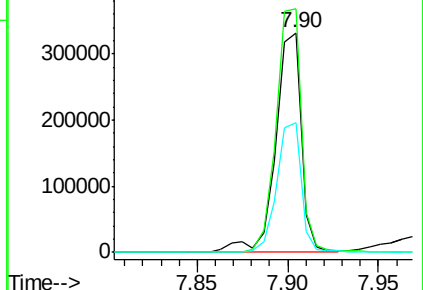
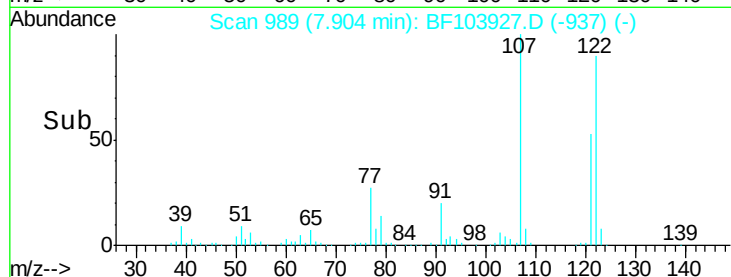
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.120 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

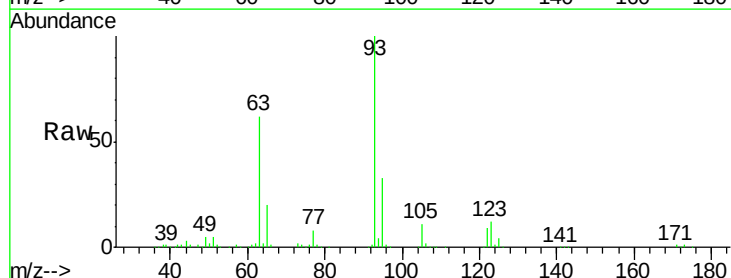
Tgt Ion: 93 Resp: 448804

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

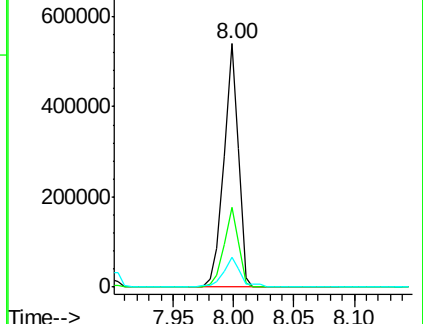
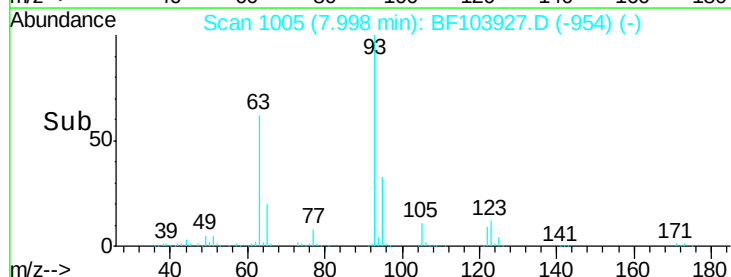
123 12.2 9.8 14.6

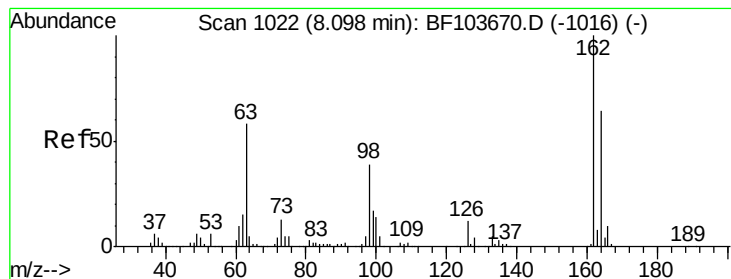


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.232 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

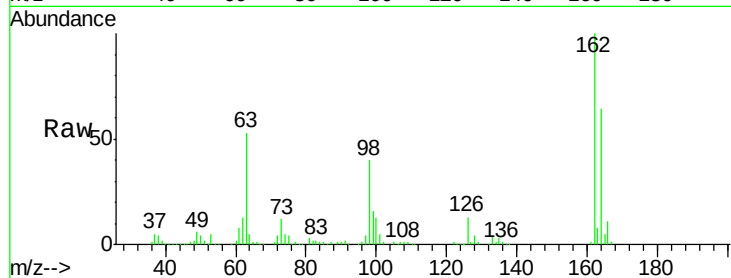
Tot Ion:162 Resp: 320872

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

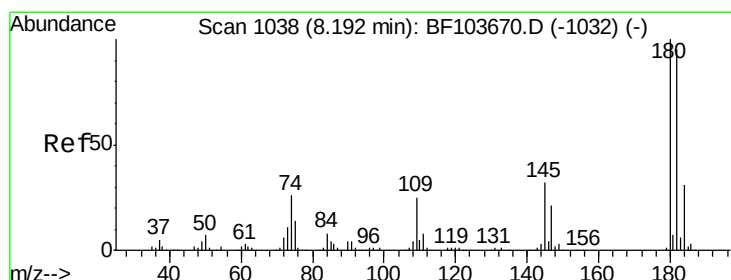
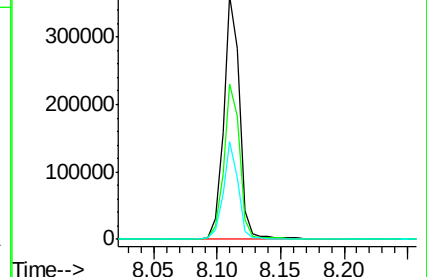
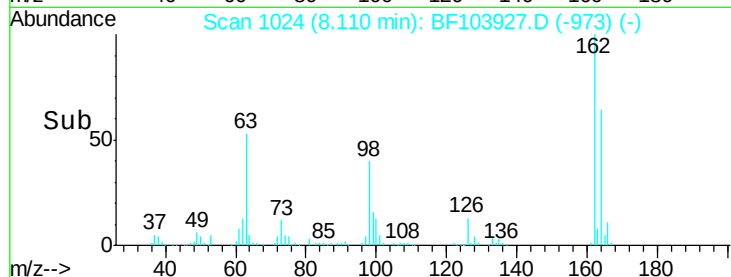
98 40.2 18.1 58.1



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: 39.259 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

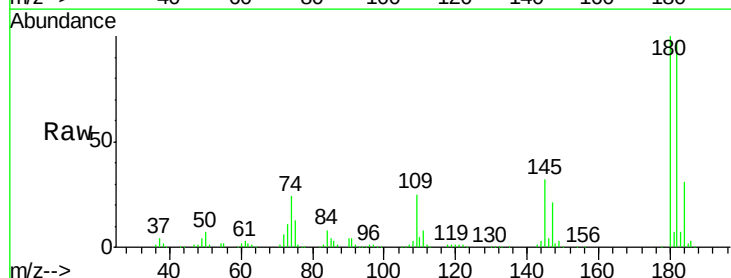
Tgt Ion:180 Resp: 354351

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

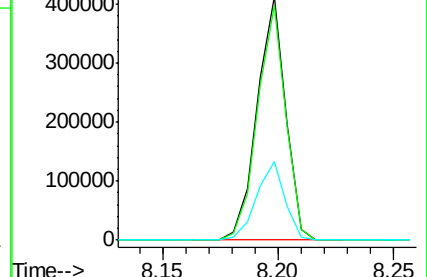
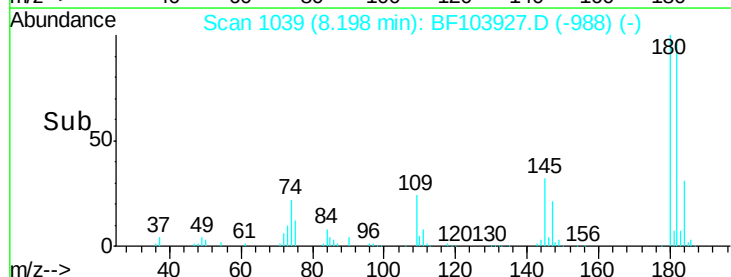
145 32.2 26.5 39.7

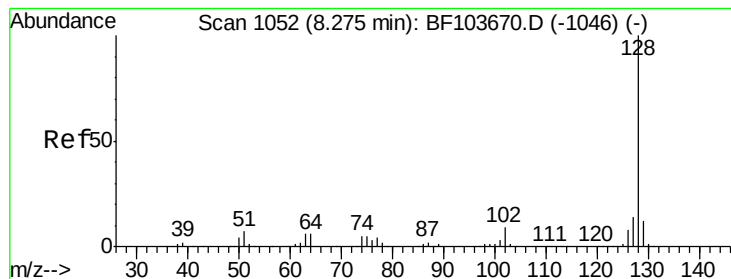


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.526 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

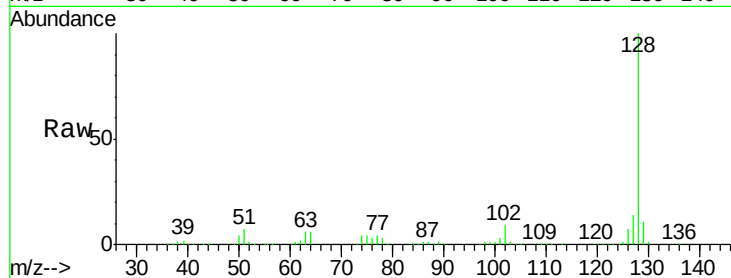
Tot Ion:128 Resp: 1140178

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

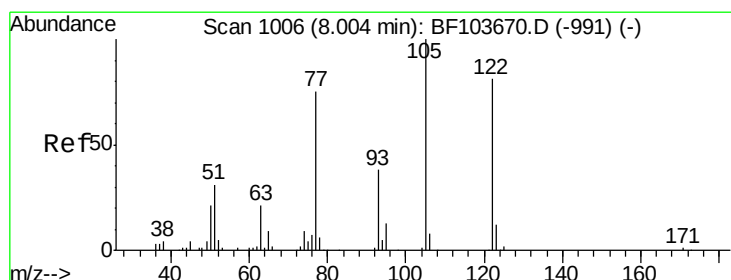
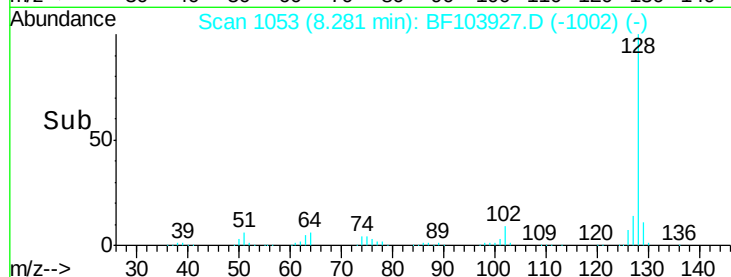
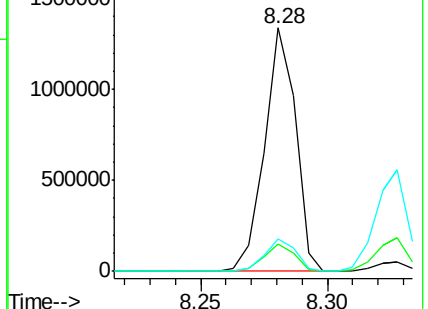
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.551 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

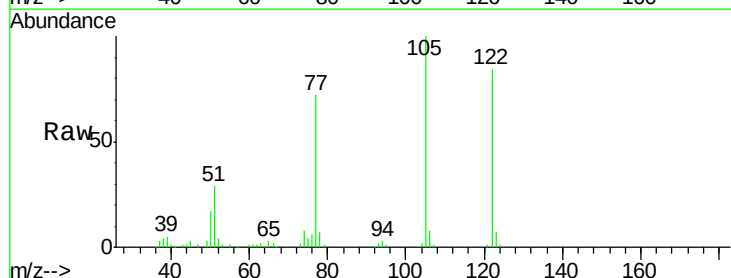
Tgt Ion:122 Resp: 248269

Ion Ratio Lower Upper

122 100

105 118.4 101.1 141.1

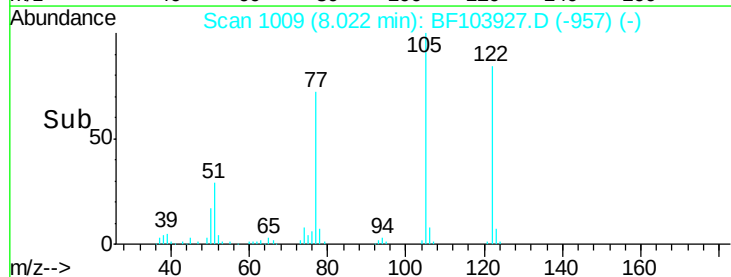
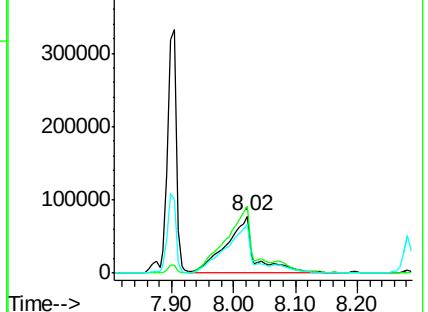
77 85.5 70.7 110.7

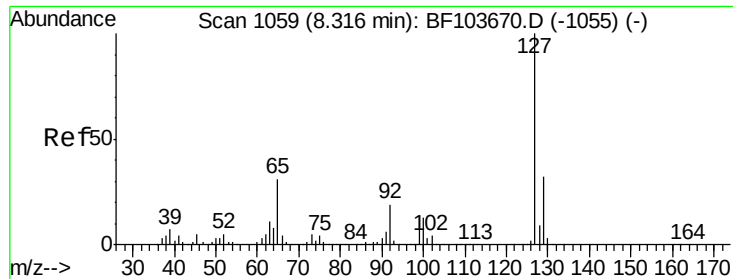


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

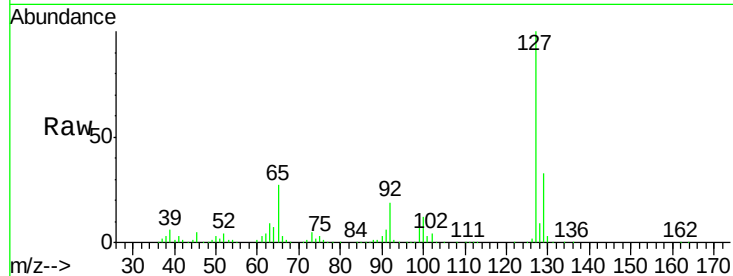




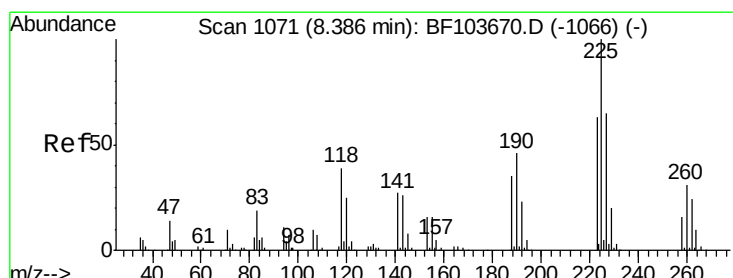
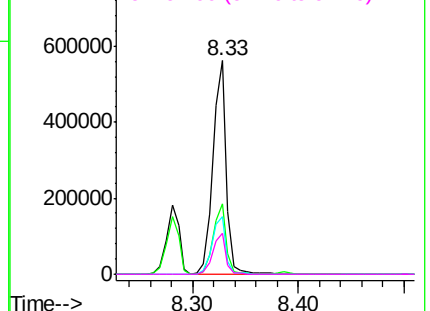
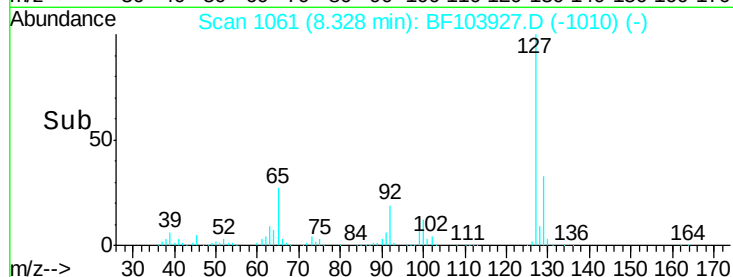
#33
4-Chloroaniline
Concen: 39.095 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	498349
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	26.9	25.0	37.4
92	19.0	15.2	22.8

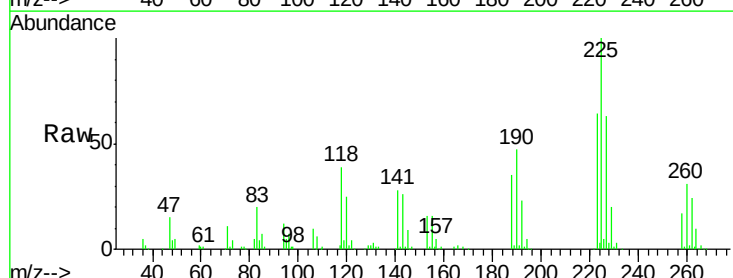


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

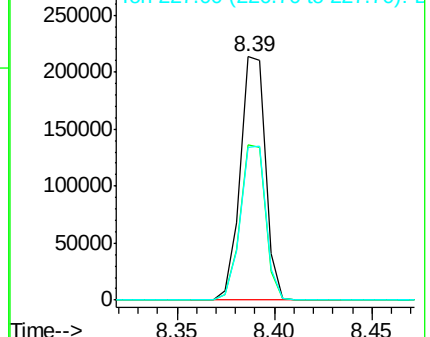
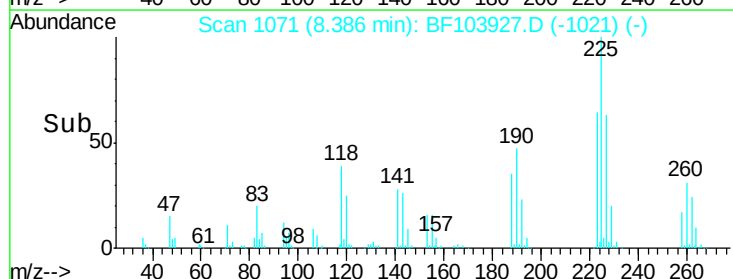


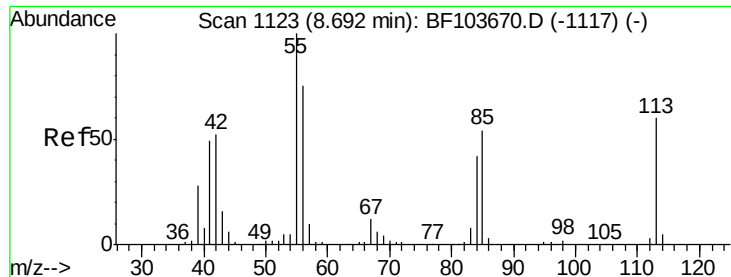
#34
Hexachlorobutadiene
Concen: 38.798 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:	225	Resp:	191999
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.9	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

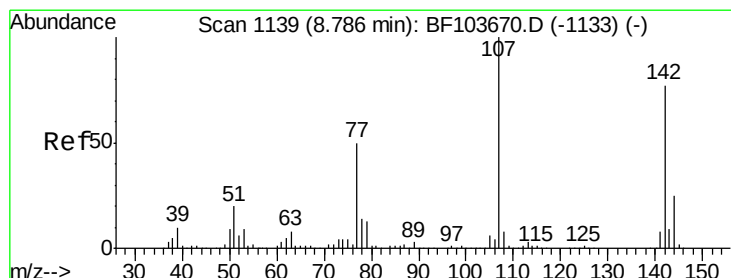
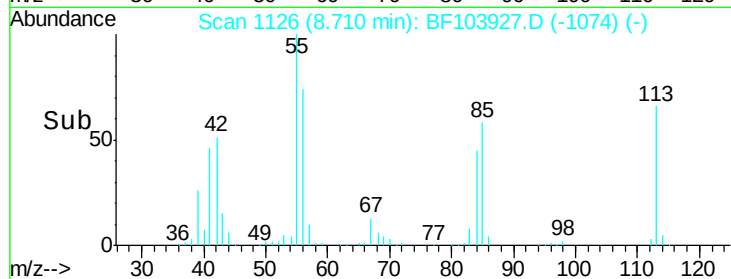
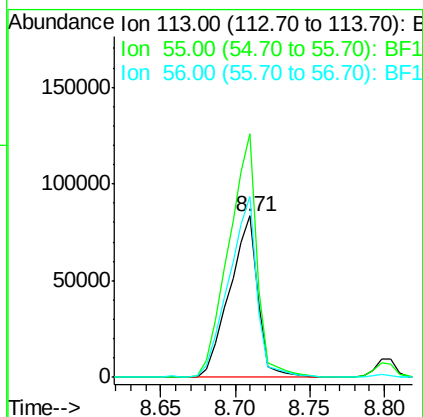
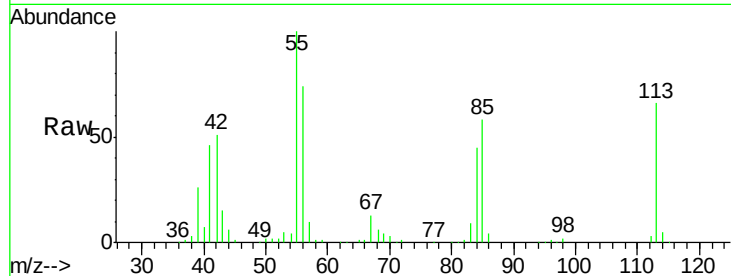




#35
 Caprolactam
 Concen: 41.489 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

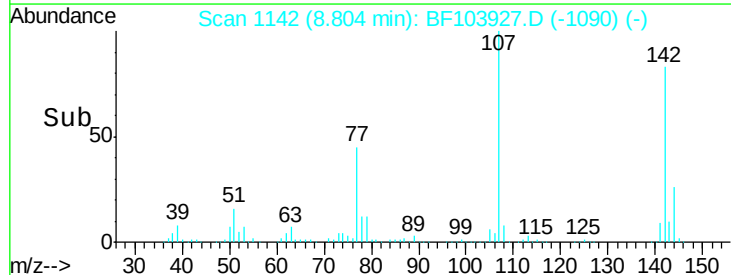
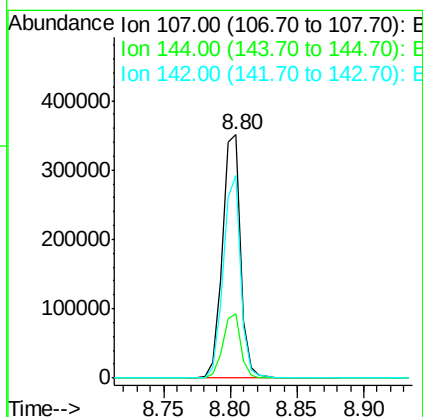
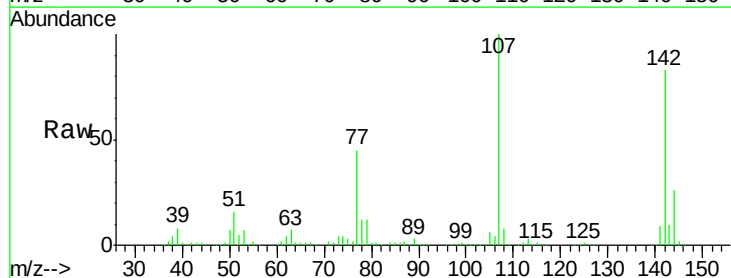
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

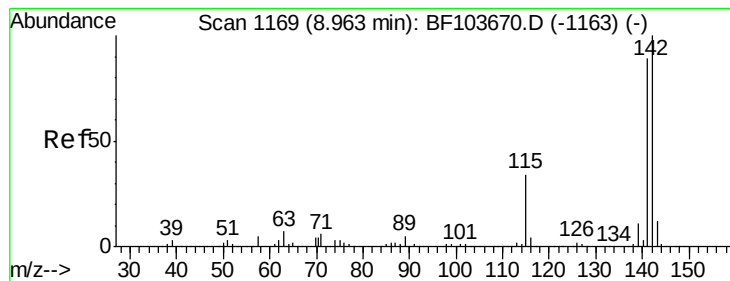
Tot Ion:113 Resp: 111178
 Ion Ratio Lower Upper
 113 100
 55 150.9 163.3 203.3#
 56 112.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.689 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion:107 Resp: 340495
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 83.4 62.0 93.0

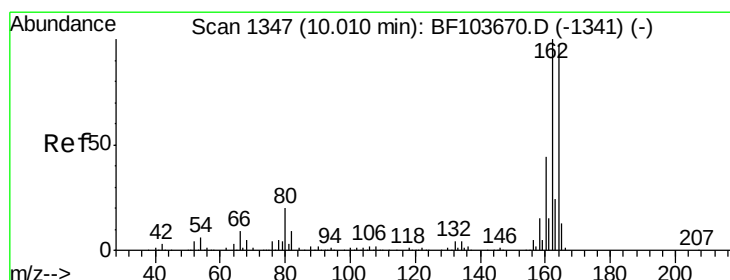
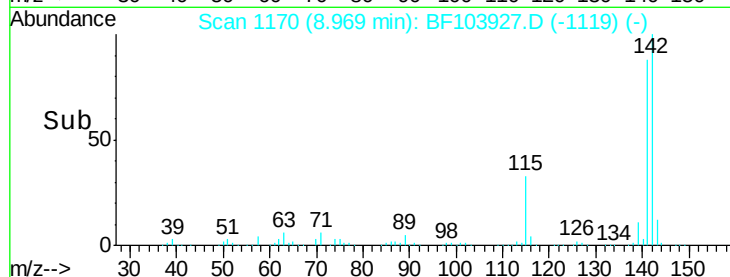
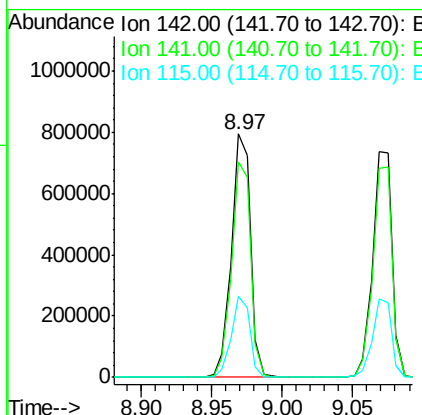
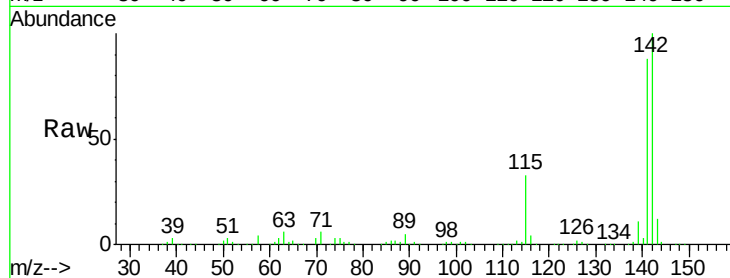




#37
 2-Methylnaphthalene
 Concen: 38.578 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

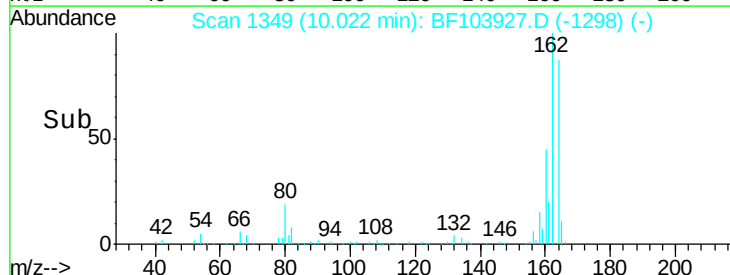
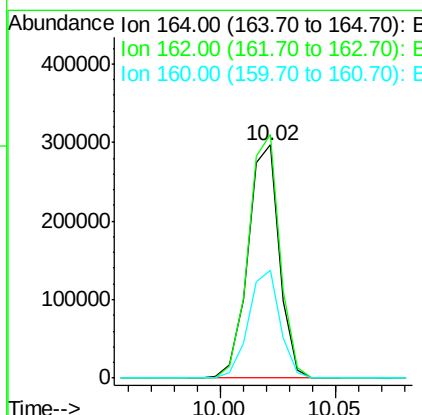
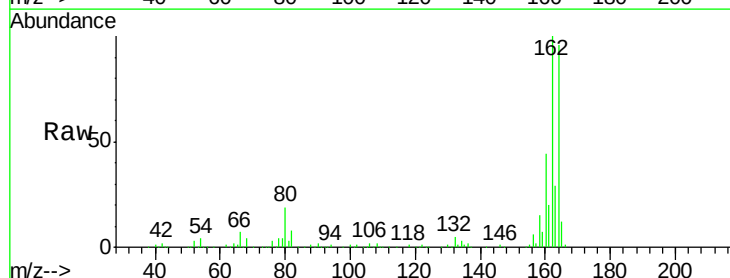
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

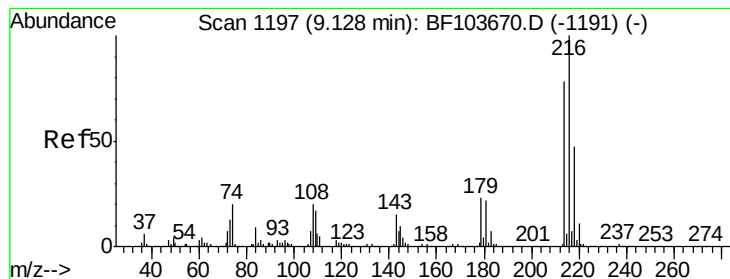
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	33.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.835 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 327689

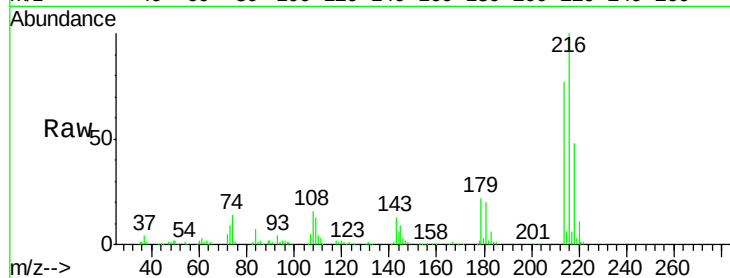
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.7 18.1 27.1

108 19.8 17.2 25.8

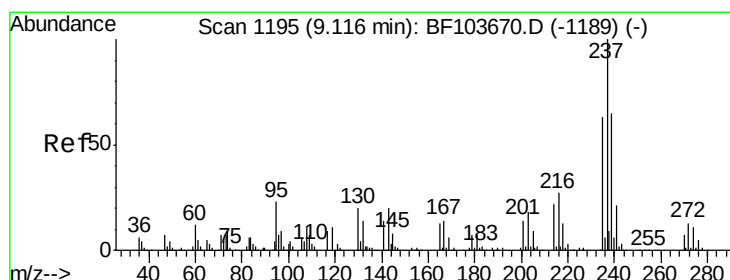
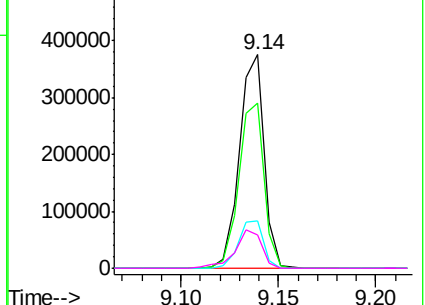
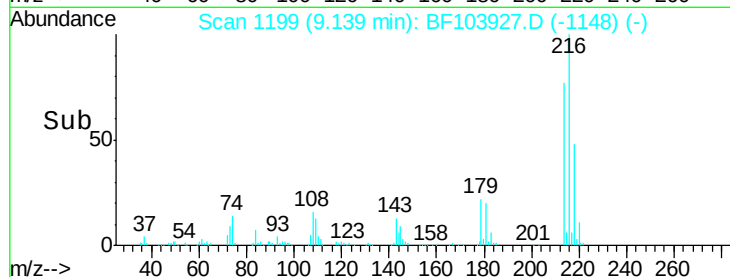


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.385 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

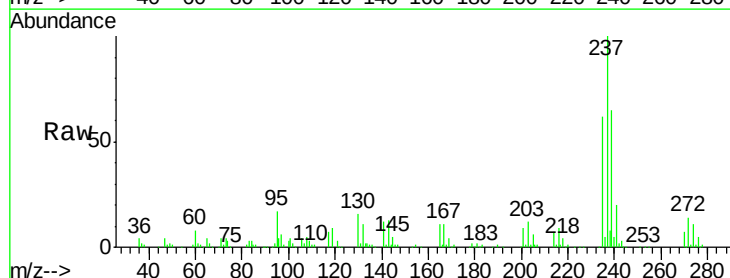
Tgt Ion:237 Resp: 158942

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

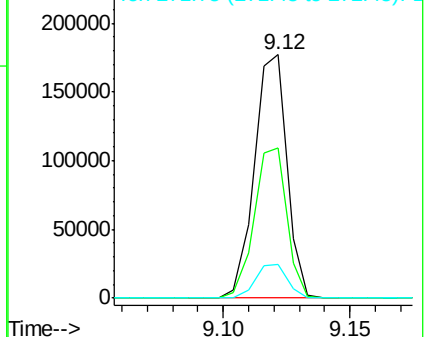
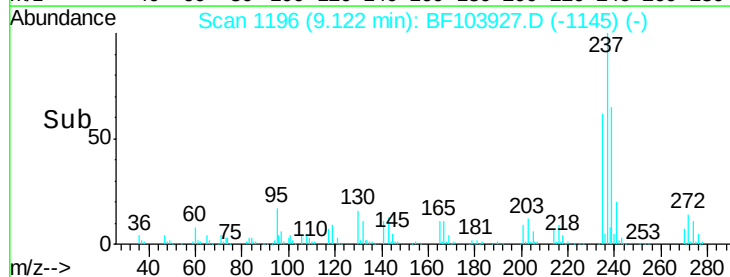
272 13.9 0.0 33.3

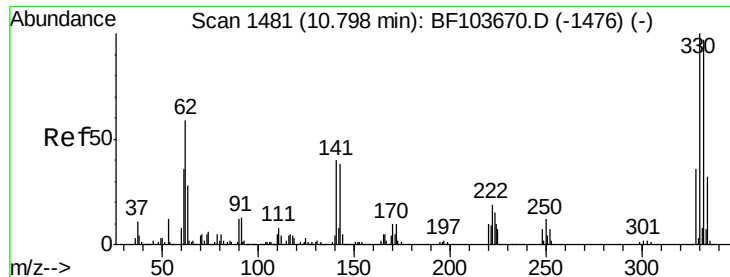


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

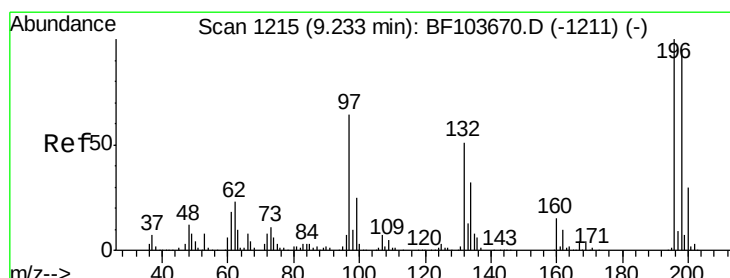
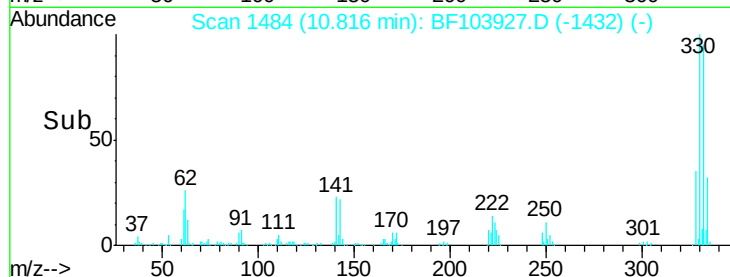
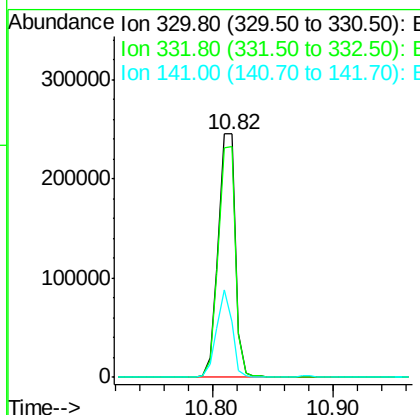
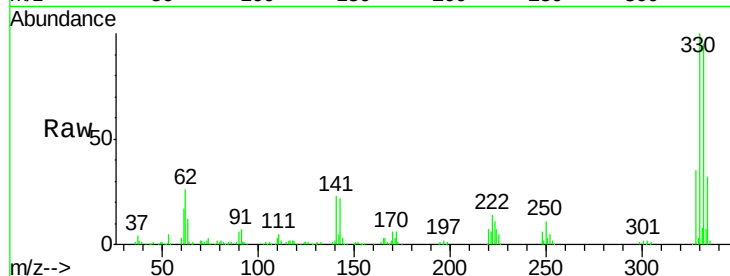




#41
 2,4,6-Tribromophenol
 Concen: 98.599 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

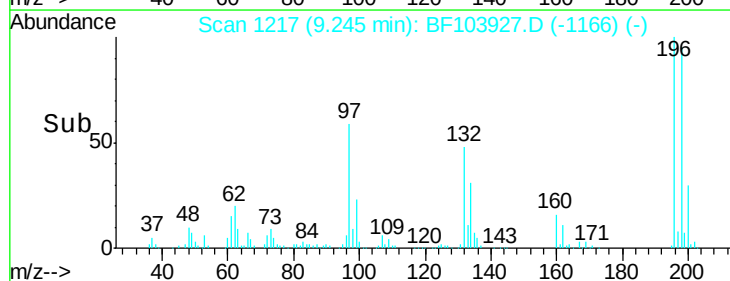
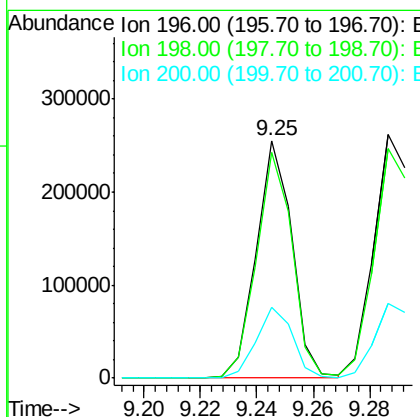
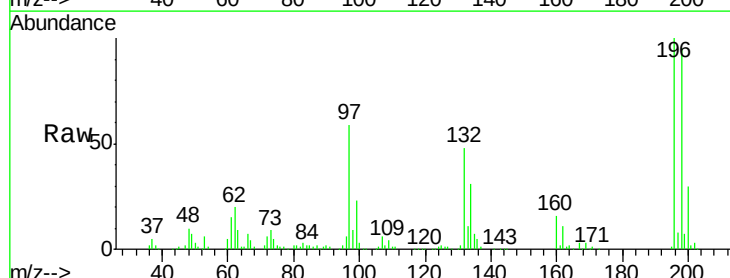
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

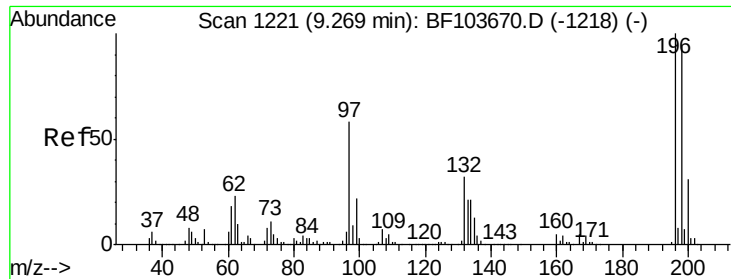
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.897 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	29.6	24.5	36.7

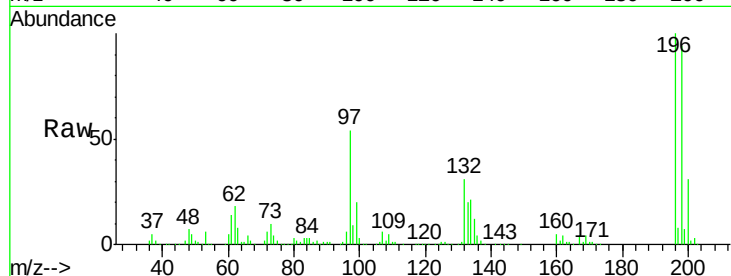




#43
 2,4,5-Trichlorophenol
 Concen: 43.901 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	53.8	42.9	64.3
132	31.4	26.3	39.5



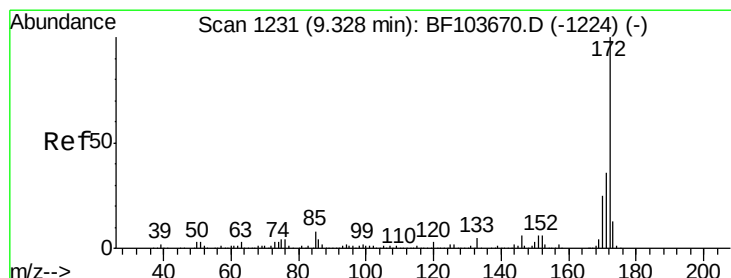
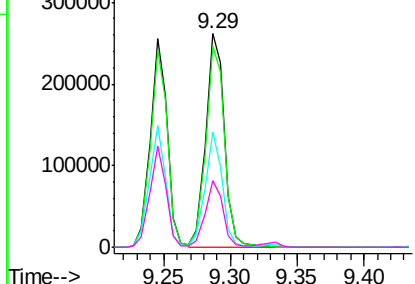
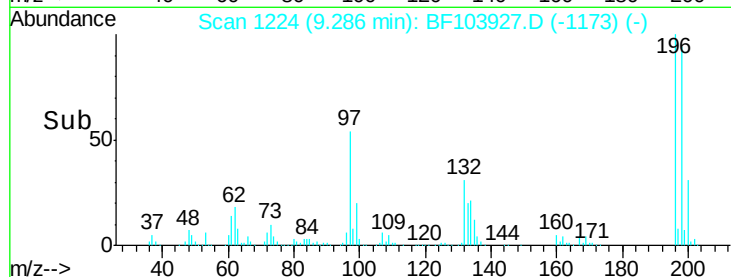
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

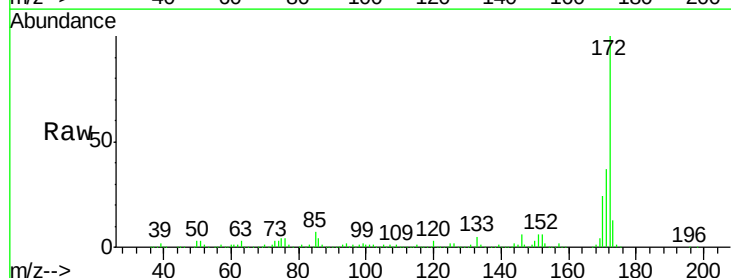
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.132 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4

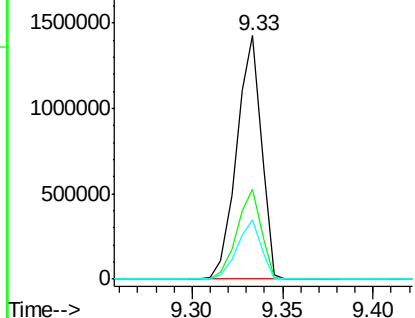
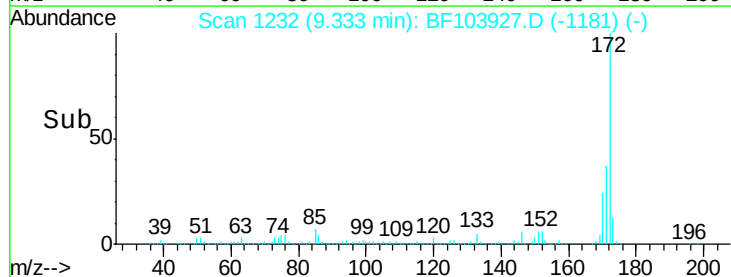


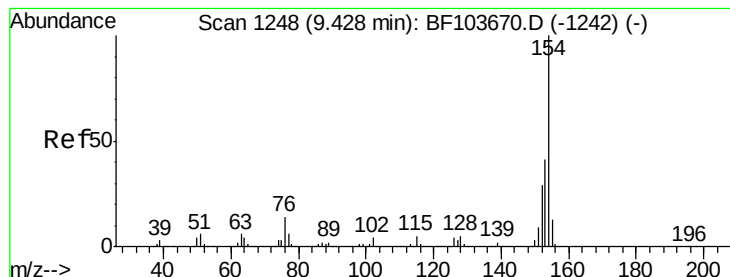
Abundance

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: 38.732 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

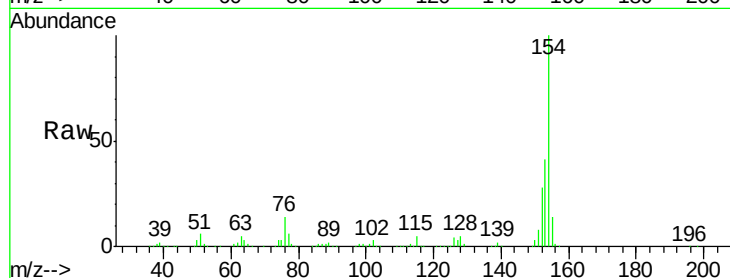
Tot Ion:154 Resp: 908466

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

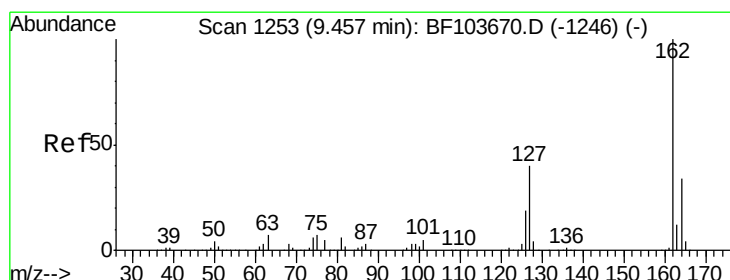
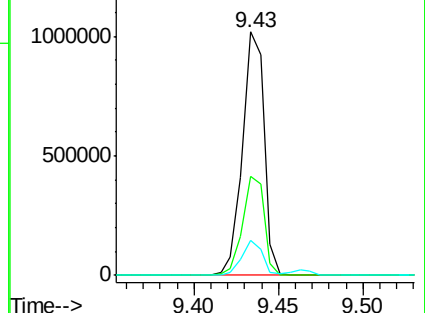
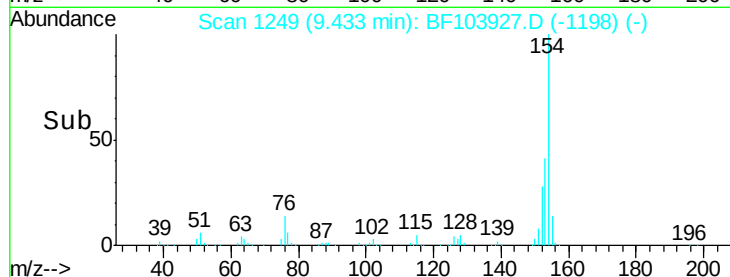
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.740 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

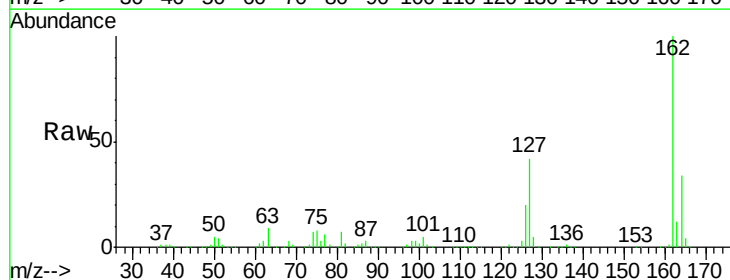
Tgt Ion:162 Resp: 721705

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

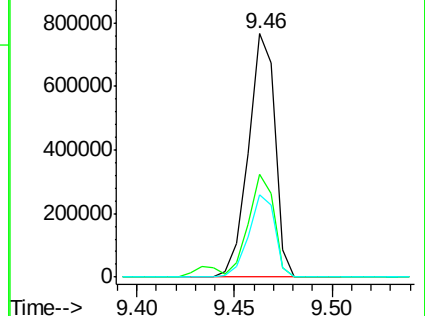
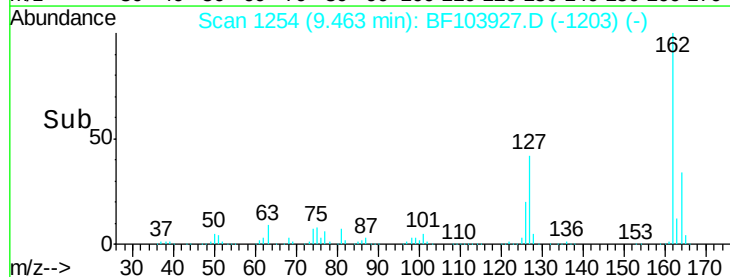
164 33.7 26.5 39.7

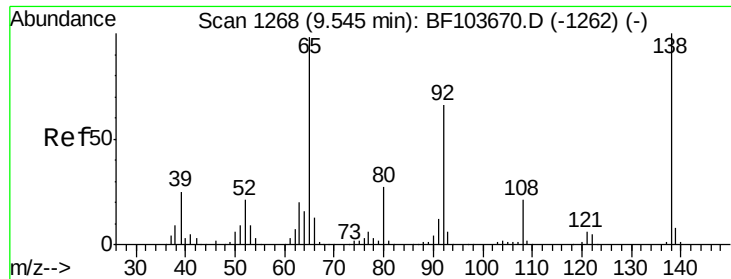


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

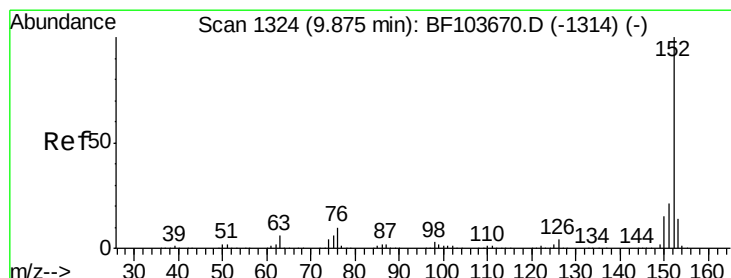
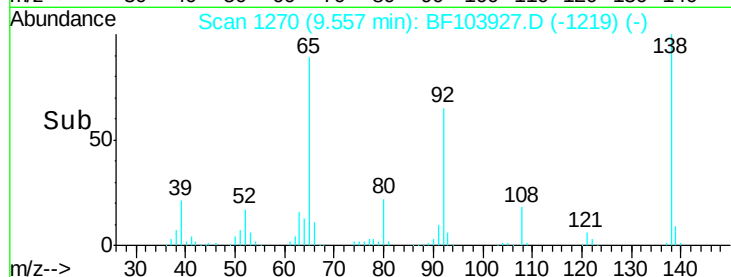
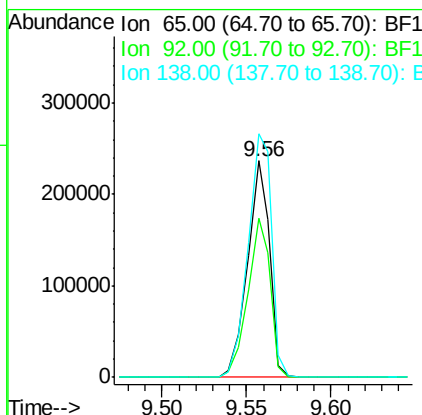
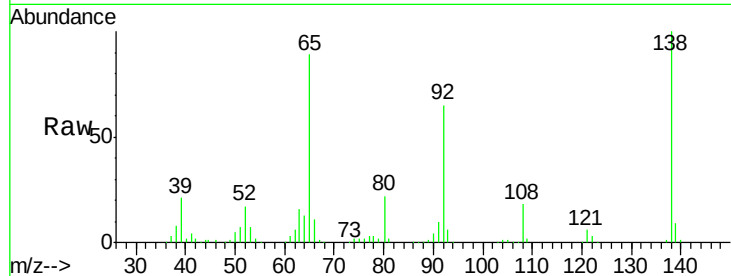




#47
 2-Nitroaniline
 Concen: 44.936 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

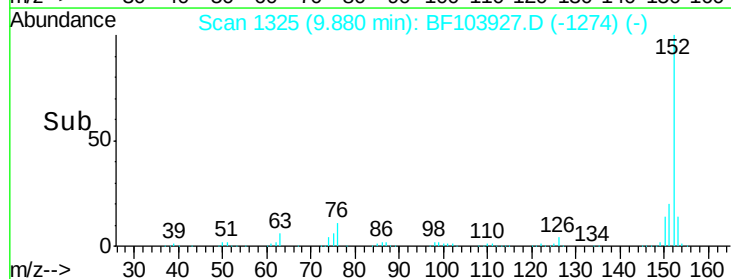
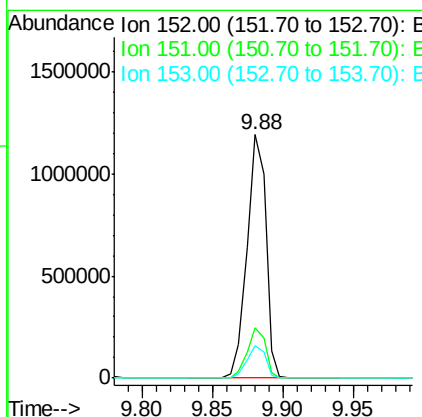
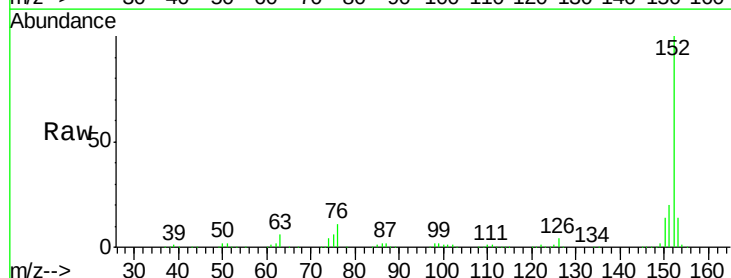
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

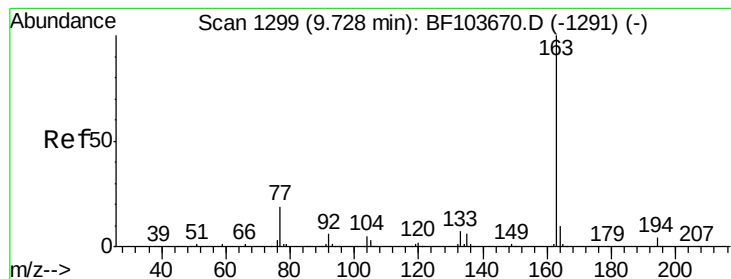
Tot Ion: 65 Resp: 216522
 Ion Ratio Lower Upper
 65 100
 92 73.3 55.8 83.6
 138 112.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.795 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion: 152 Resp: 1120725
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 40.013 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

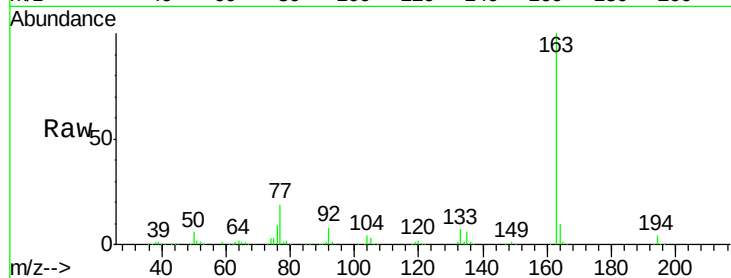
Tot Ion:163 Resp: 858692

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

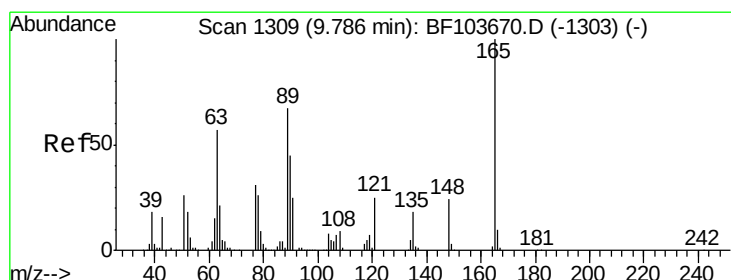
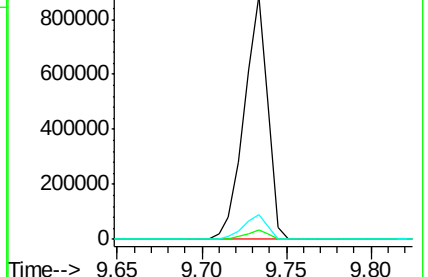
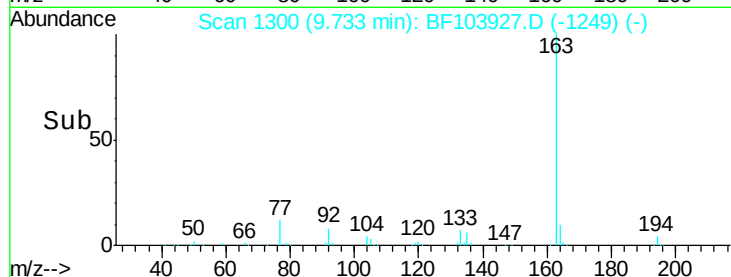
164 10.4 8.2 12.2



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: 46.287 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

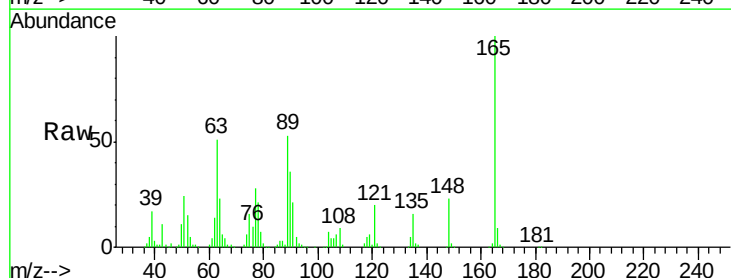
Tgt Ion:165 Resp: 191514

Ion Ratio Lower Upper

165 100

63 51.0 44.7 67.1

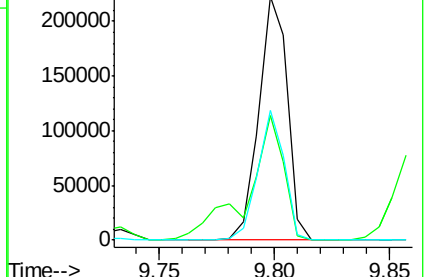
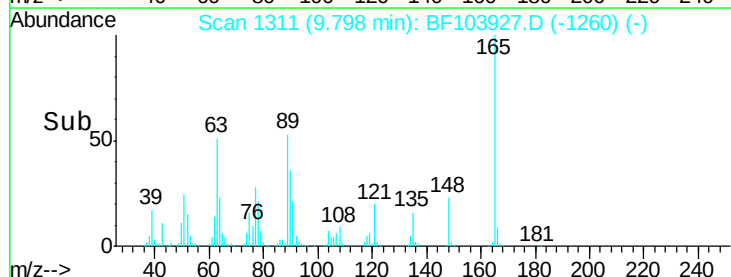
89 53.4 44.0 66.0

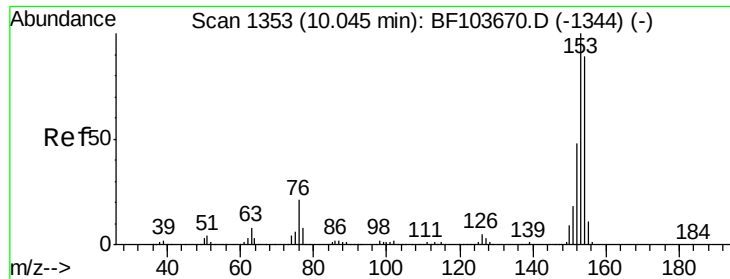


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.104 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

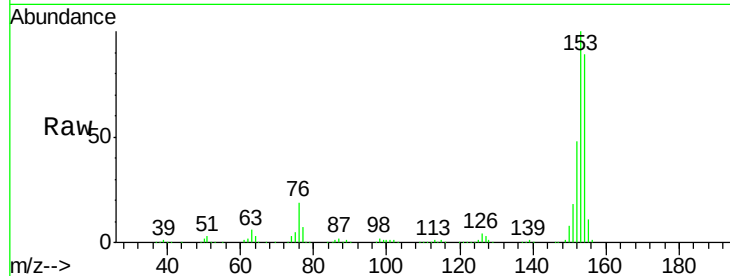
Tot Ion:154 Resp: 687905

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

152 53.7 43.8 65.8



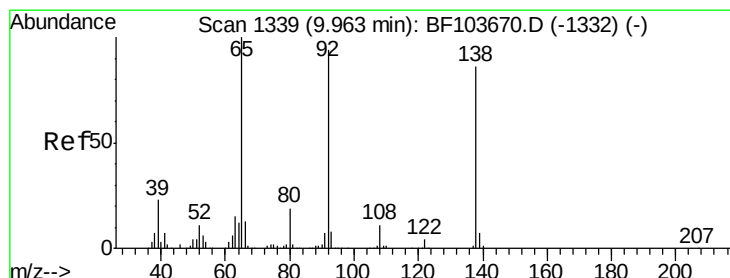
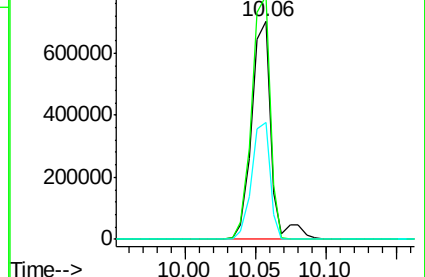
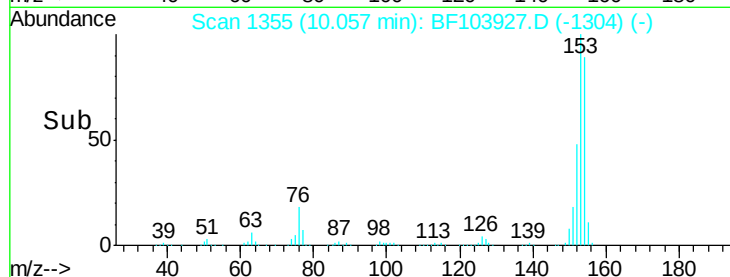
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

10.06

Time-->



#52

3-Nitroaniline

Concen: 44.925 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

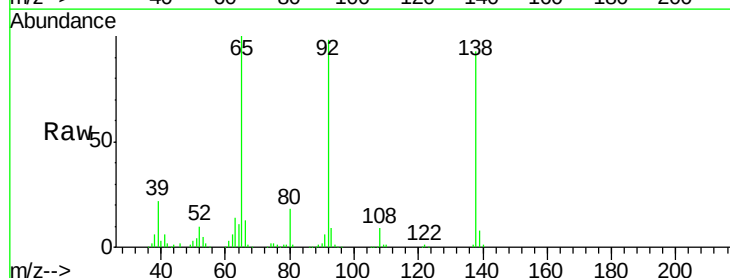
Tgt Ion:138 Resp: 222200

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

92 105.5 89.4 134.2



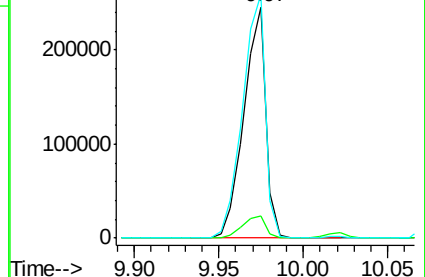
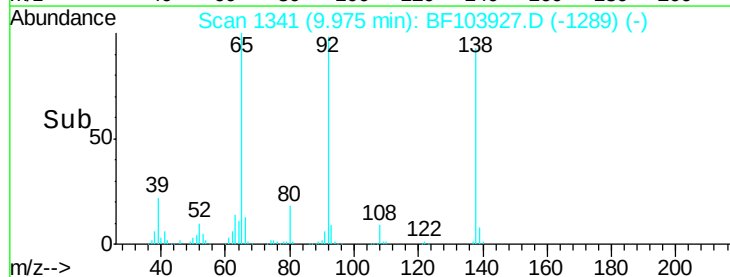
Abundance Ion 138.00 (137.70 to 138.70): E

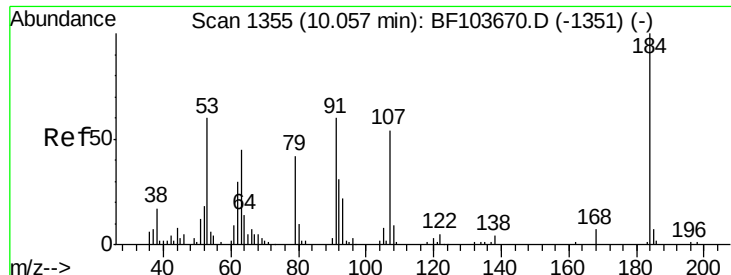
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

9.97

Time-->

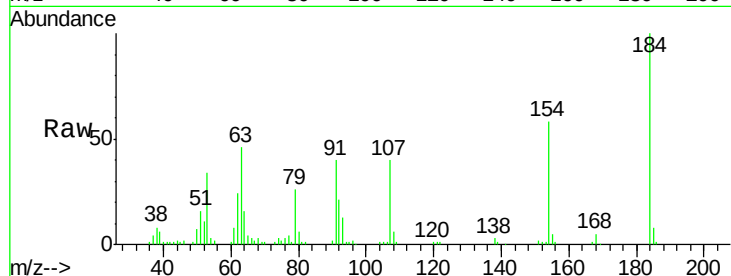




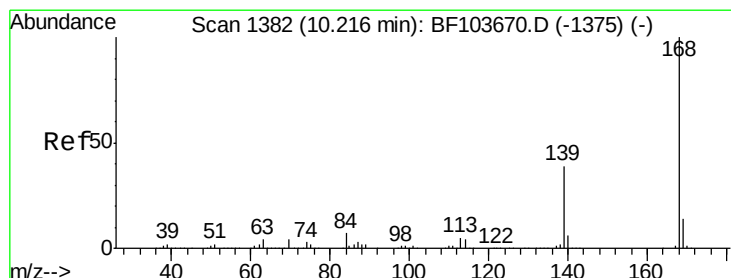
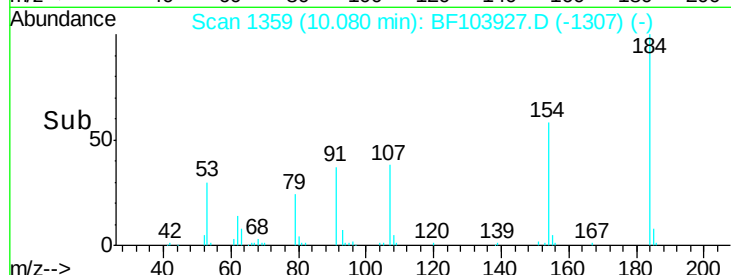
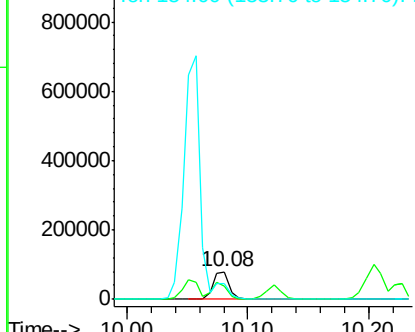
#53
2,4-Dinitrophenol
Concen: 66.786 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 74771
Ion Ratio Lower Upper
184 100
63 46.3 54.2 81.2#
154 58.3 184.0 276.0#

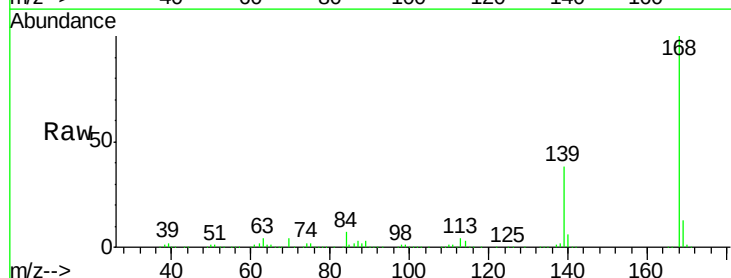


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

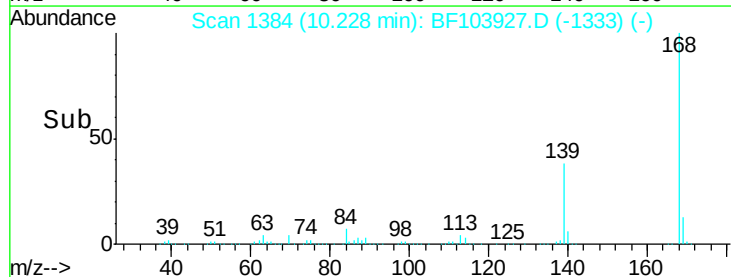
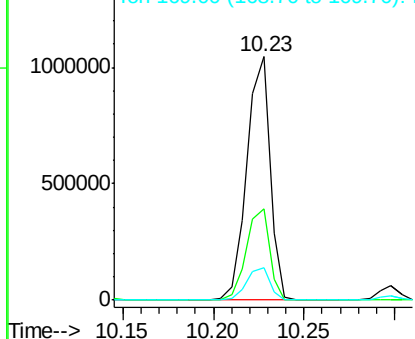


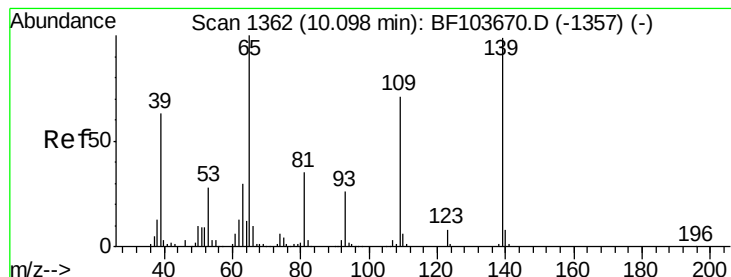
#54
Dibenzofuran
Concen: 38.012 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:168 Resp: 931236
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 43.258 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

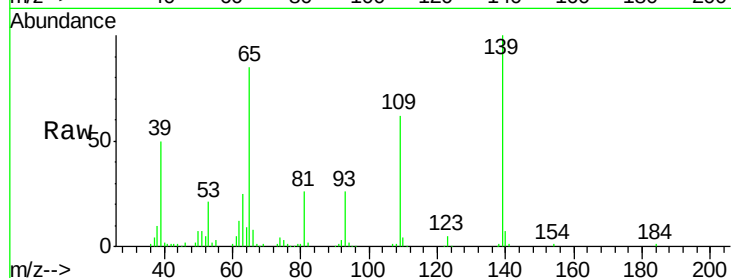
Tot Ion:139 Resp: 160399

Ion Ratio Lower Upper

139 100

109 61.8 48.4 88.4

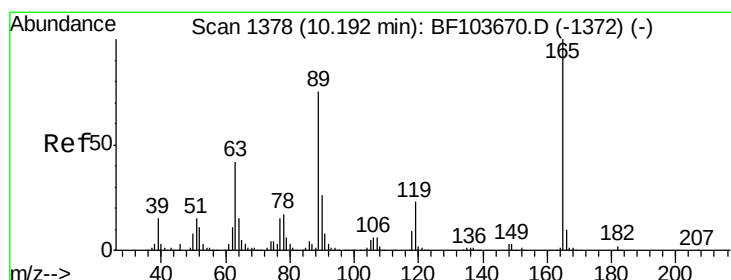
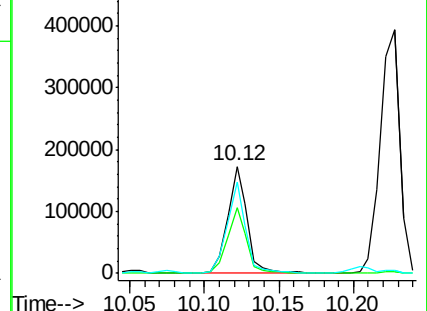
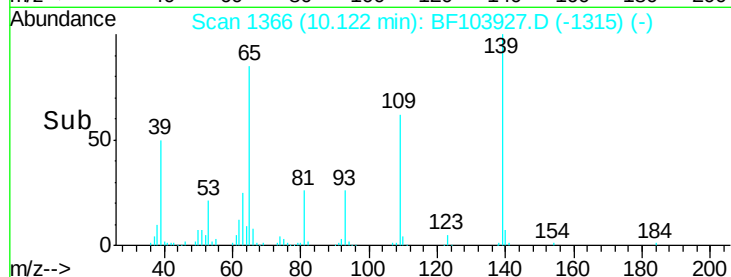
65 85.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 48.418 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Tgt Ion:165 Resp: 254982

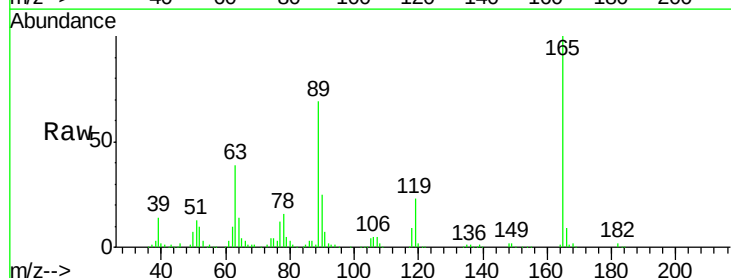
Ion Ratio Lower Upper

165 100

63 39.0 36.4 54.6

89 68.8 57.8 86.6

182 2.4 1.6 2.4

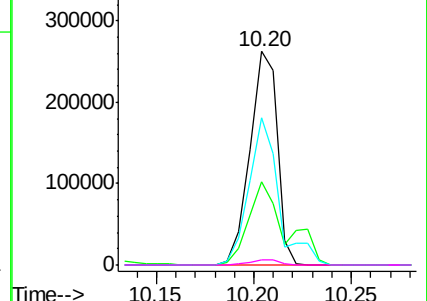
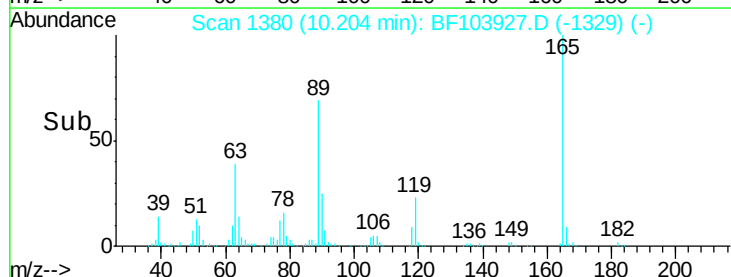


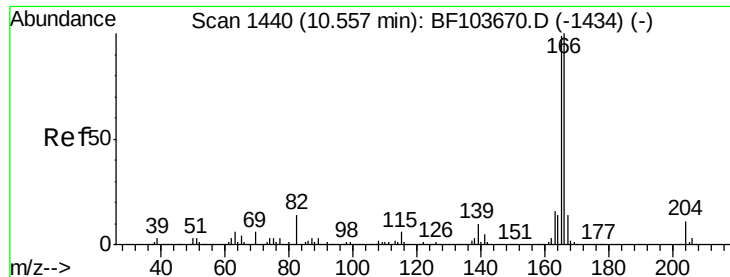
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.367 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

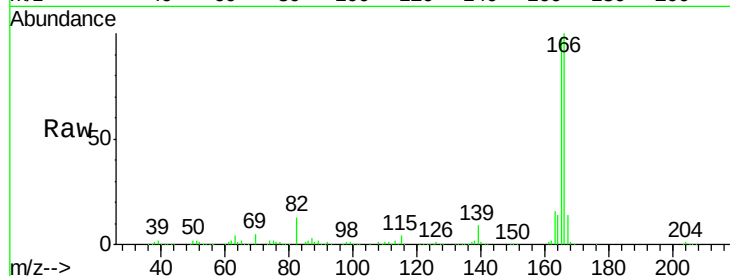
Tot Ion:166 Resp: 748367

Ion Ratio Lower Upper

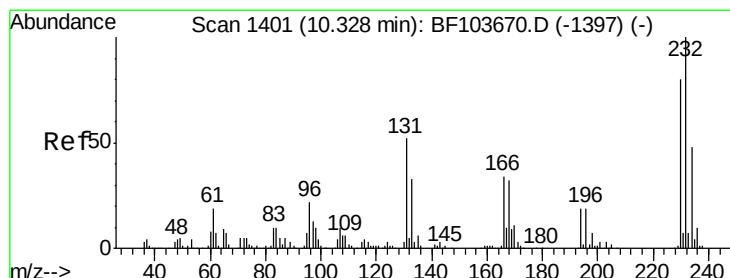
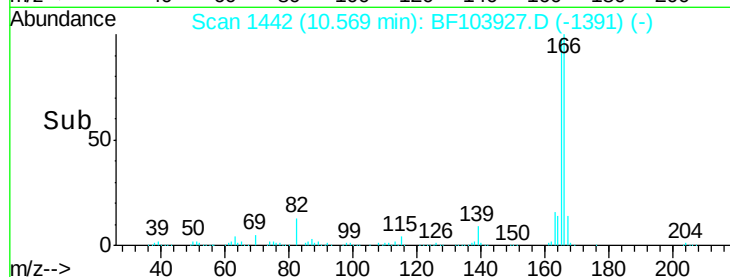
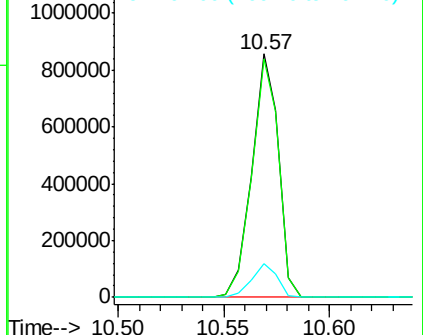
166 100

165 97.8 79.8 119.8

167 13.6 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.421 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Tgt Ion:232 Resp: 186457

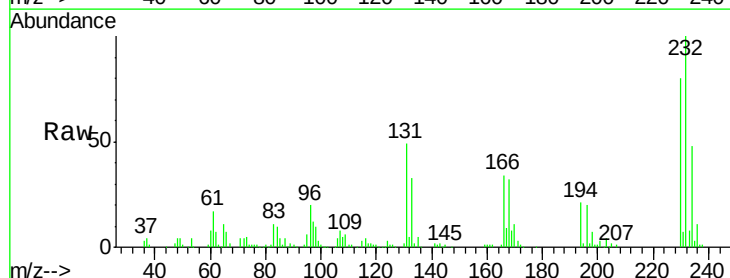
Ion Ratio Lower Upper

232 100

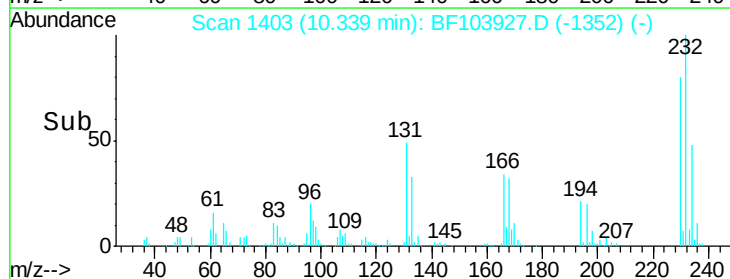
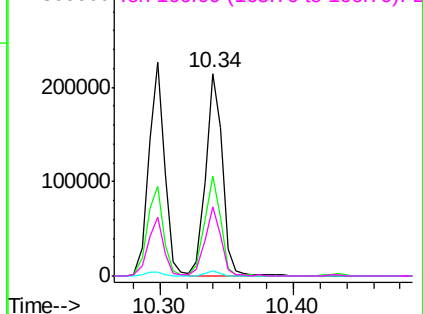
131 47.8 43.8 65.8

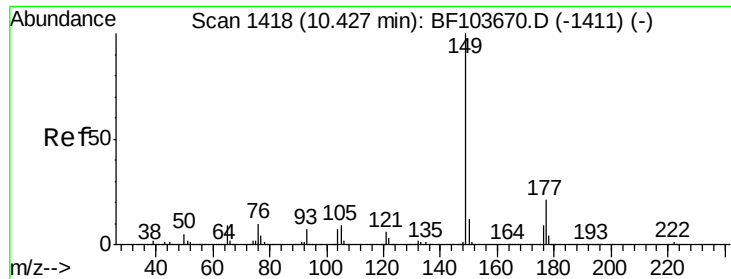
130 2.3 2.1 3.1

166 32.7 27.8 41.6



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

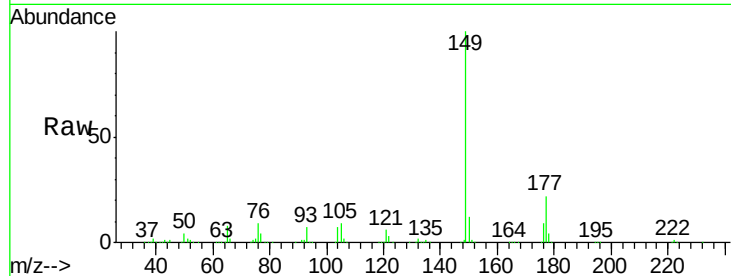




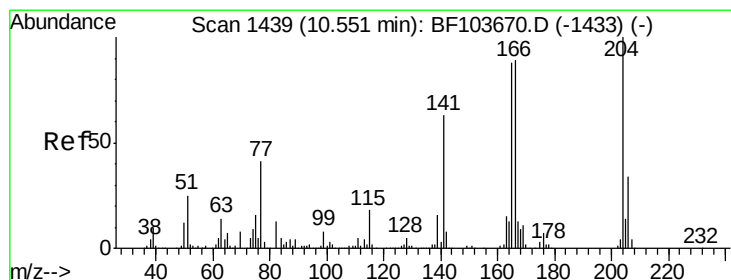
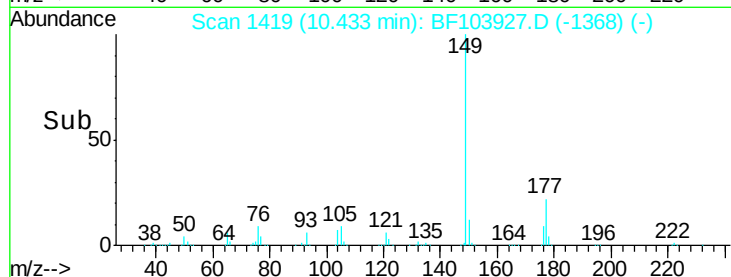
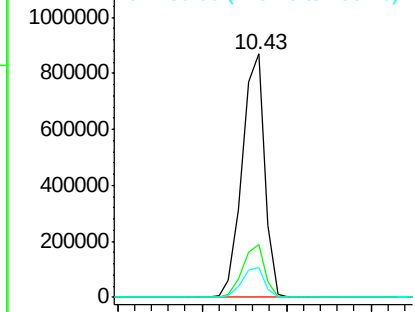
#59
Diethylphthalate
Concen: 38.083 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 811184
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.4 10.1 15.1

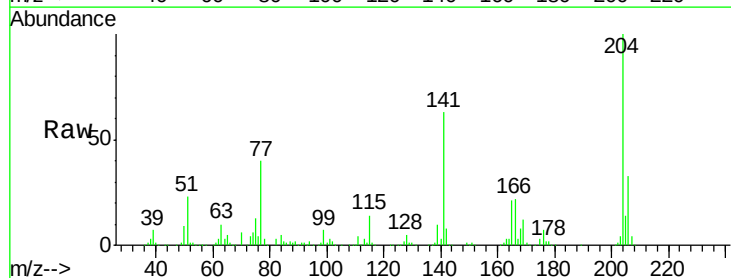


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

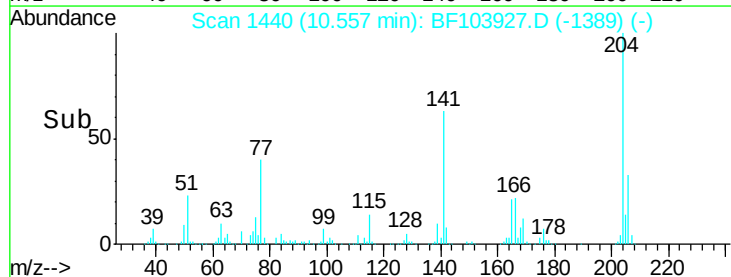
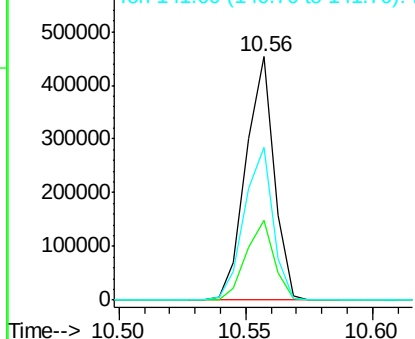


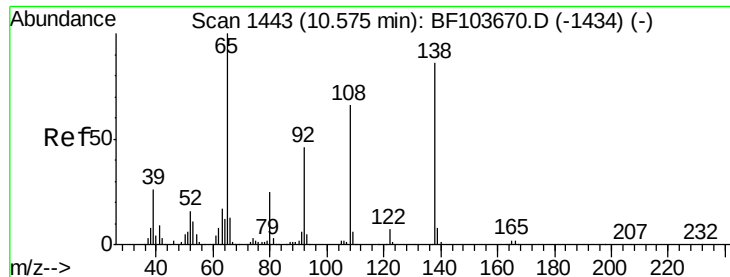
#60
4-Chlorophenyl-phenylether
Concen: 40.420 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:204 Resp: 351162
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.9 54.6 81.8



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

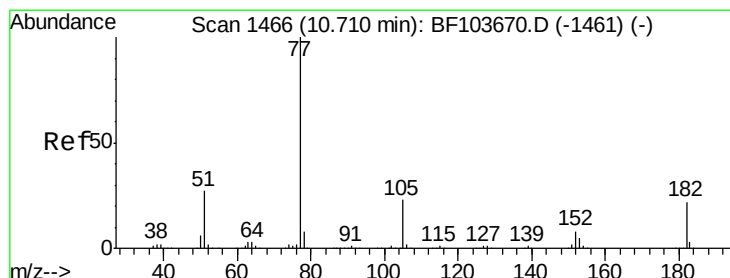
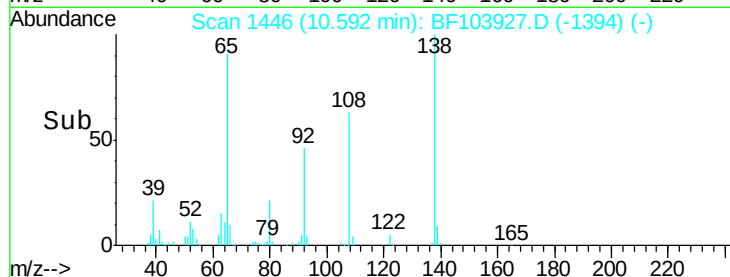
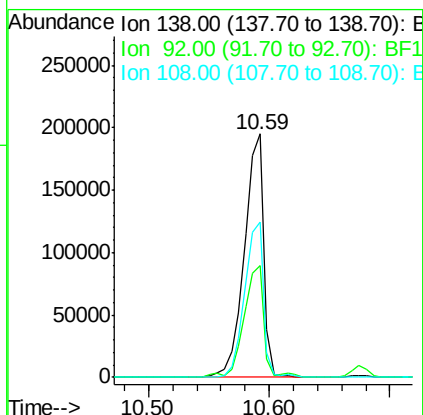
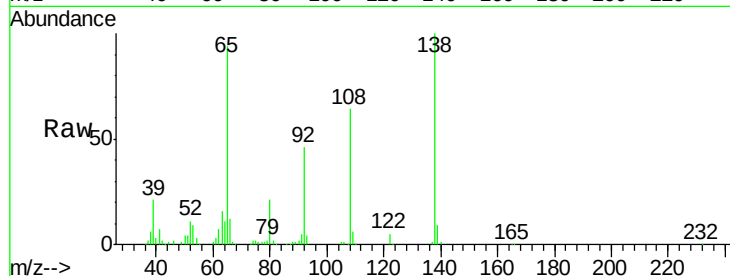




#61
4-Nitroaniline
Concen: 46.009 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

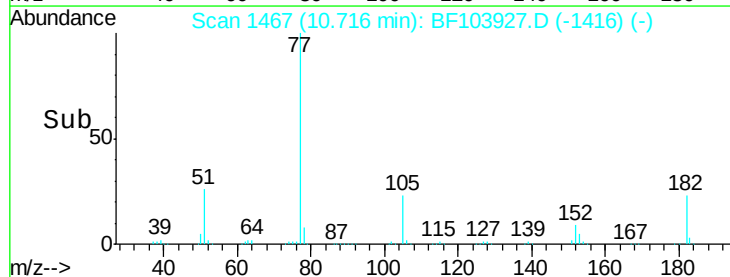
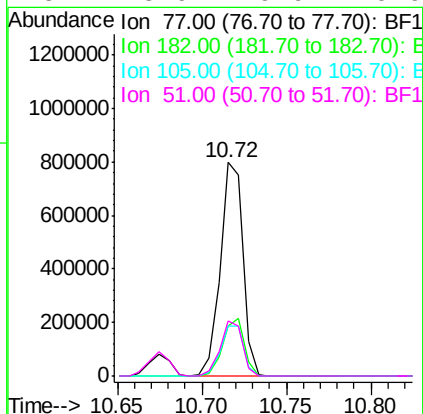
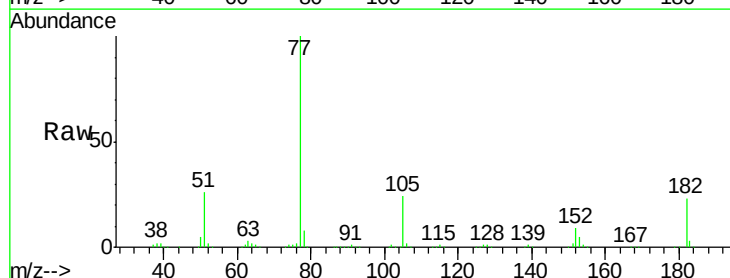
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

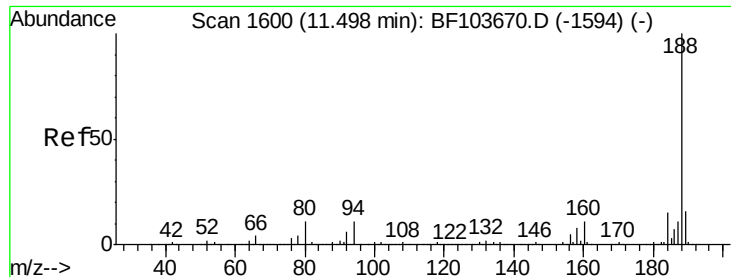
Tot Ion:138 Resp: 219509
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 63.9 52.5 92.5



#62
Azobenzene
Concen: 34.449 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion: 77 Resp: 746007
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.5 3.0 43.0
51 25.9 9.9 49.9

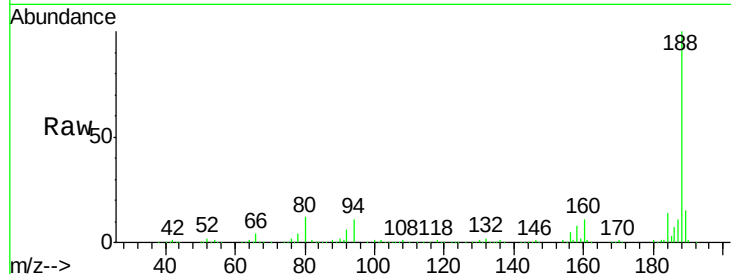




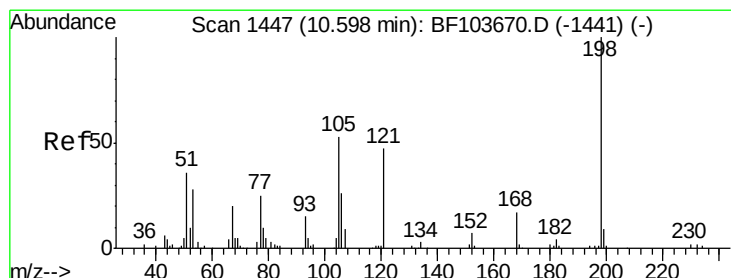
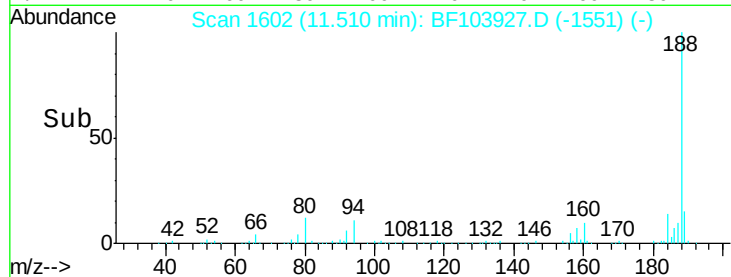
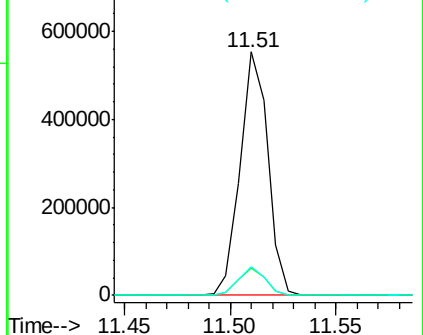
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:188 Resp: 504219
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.9 9.2 13.8

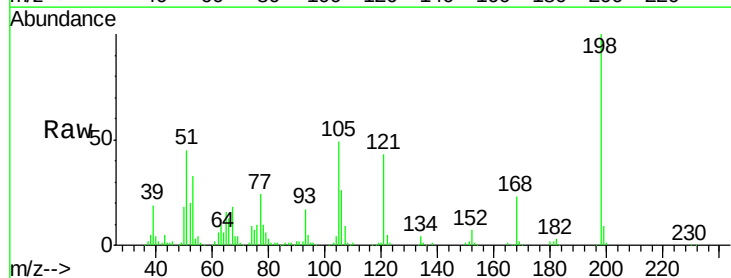


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

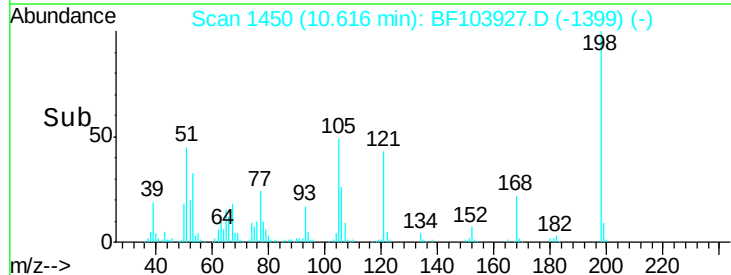
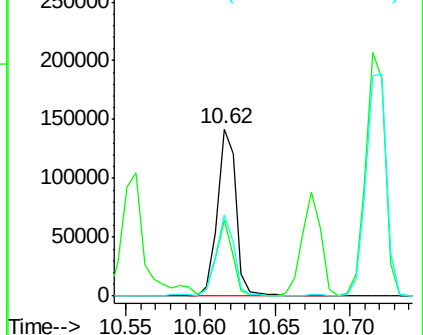


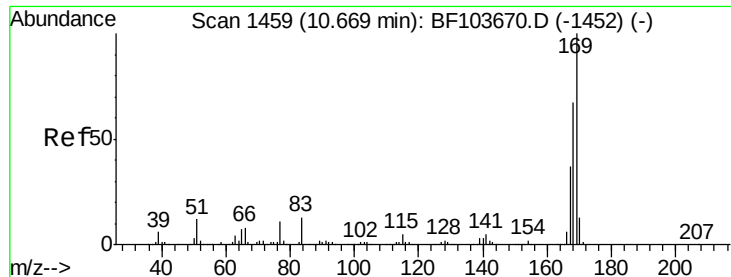
#64
 4,6-Dinitro-2-methylphenol
 Concen: 60.098 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion:198 Resp: 124805
 Ion Ratio Lower Upper
 198 100
 51 45.0 37.7 77.7
 105 48.6 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 39.011 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

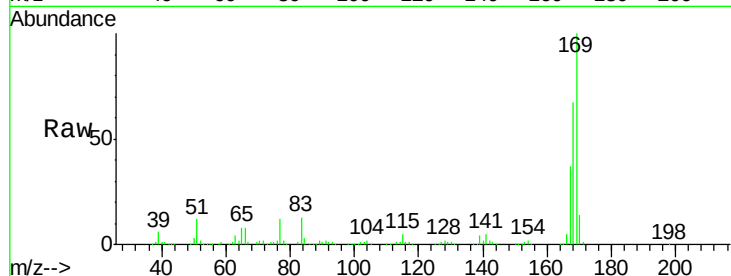
Tot Ion:169 Resp: 669539

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

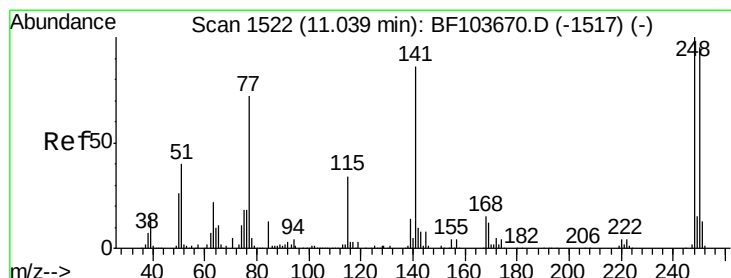
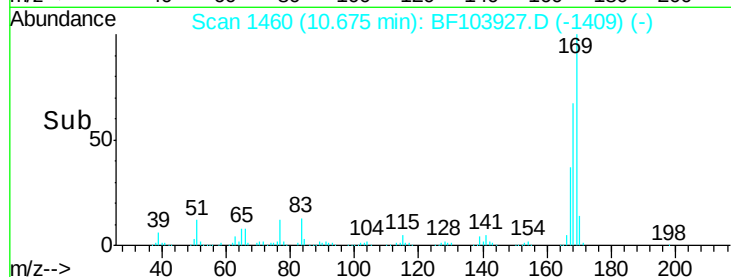
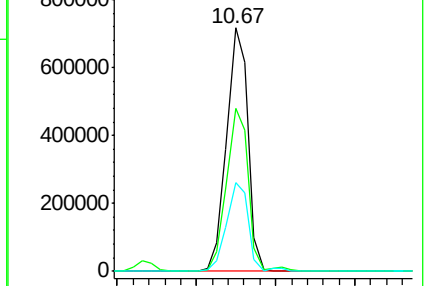
167 36.5 29.8 44.6



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: 41.422 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

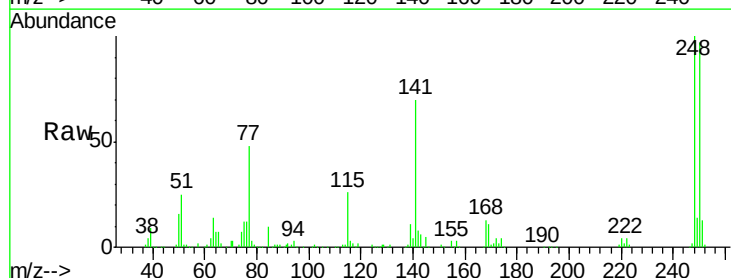
Tgt Ion:248 Resp: 214441

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

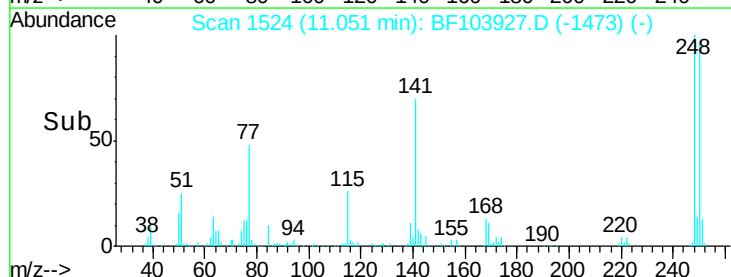
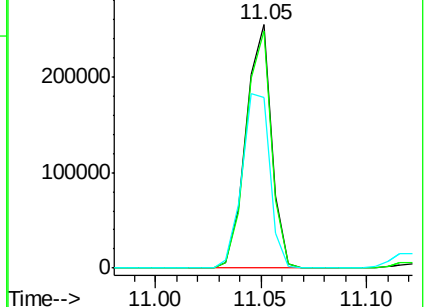
141 70.2 74.4 111.6#

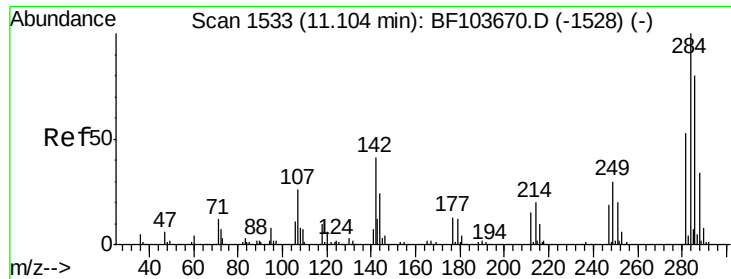


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

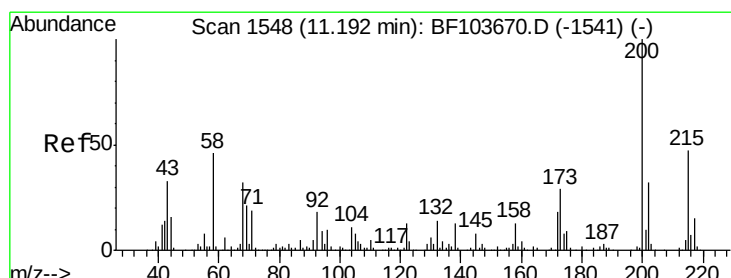
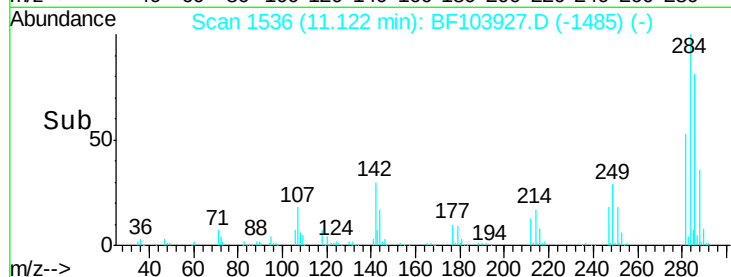
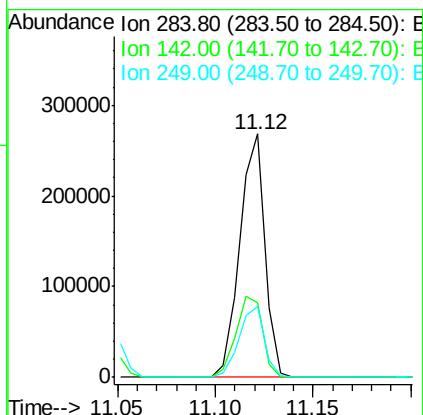
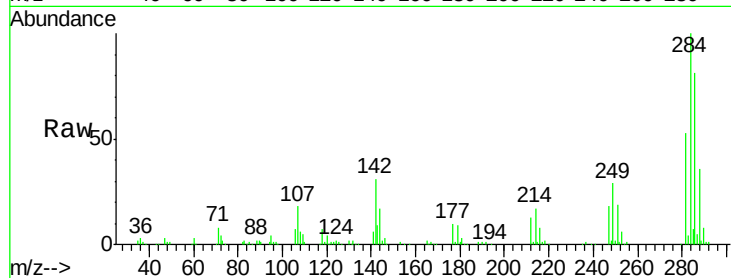




#67
Hexachlorobenzene
Concen: 40.503 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

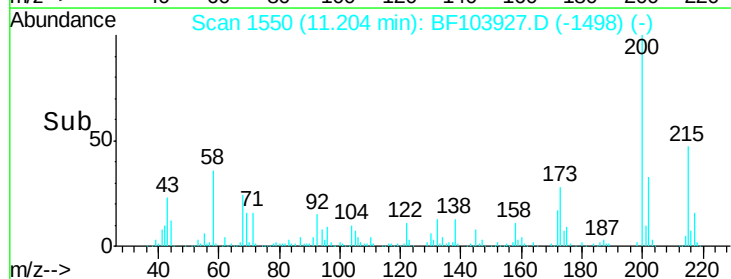
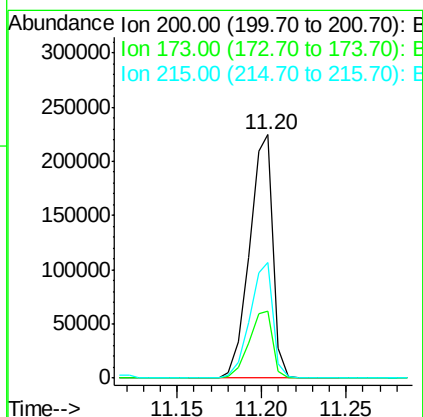
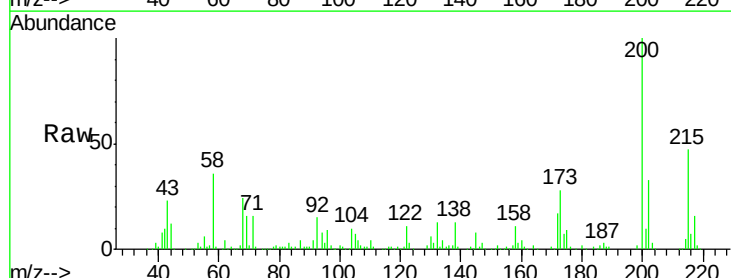
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

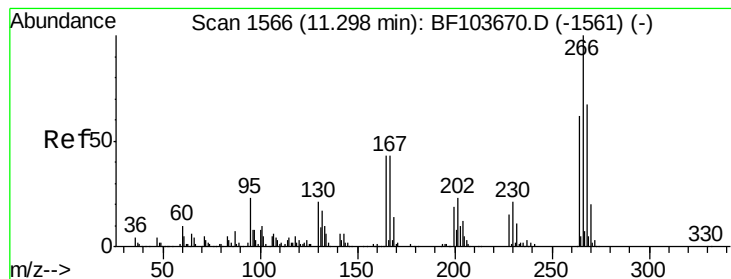
Tot Ion:284 Resp: 239320
Ion Ratio Lower Upper
284 100
142 30.5 34.6 52.0#
249 29.3 24.8 37.2



#68
Atrazine
Concen: 40.840 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:200 Resp: 216824
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 47.5 25.1 65.1





#69

Pentachlorophenol

Concen: 42.212 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

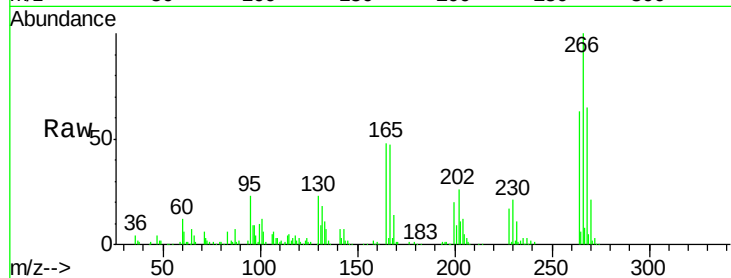
Tot Ion:266 Resp: 143395

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

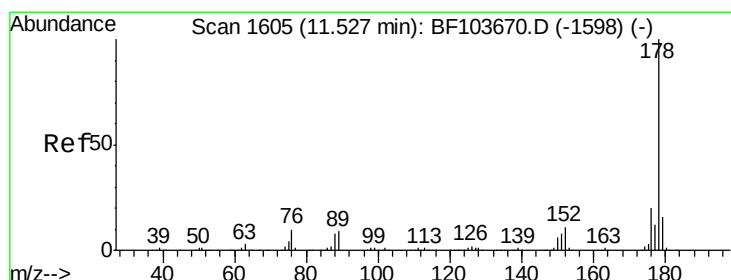
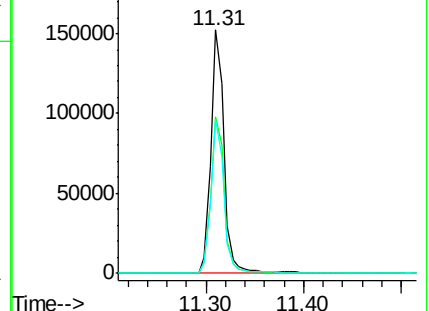
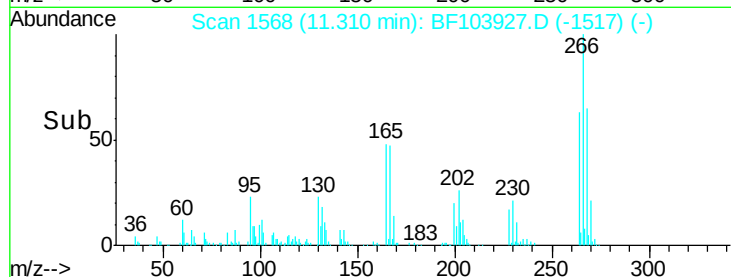
264 63.0 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.194 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

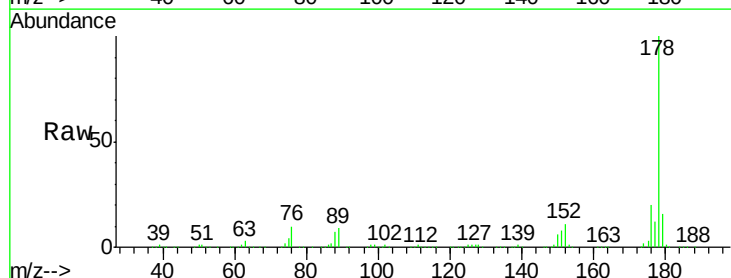
Tgt Ion:178 Resp: 1053454

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

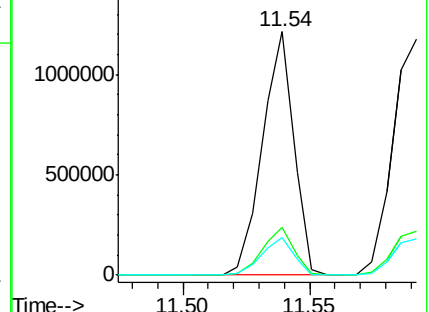
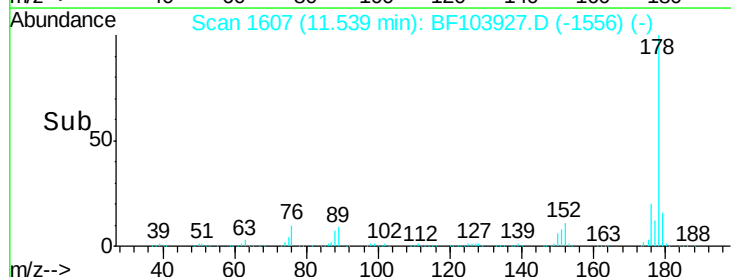
179 15.5 13.0 19.6

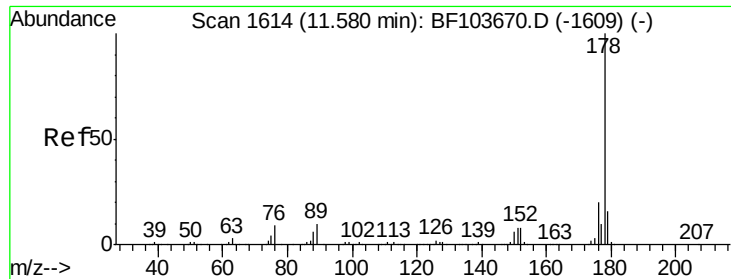


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

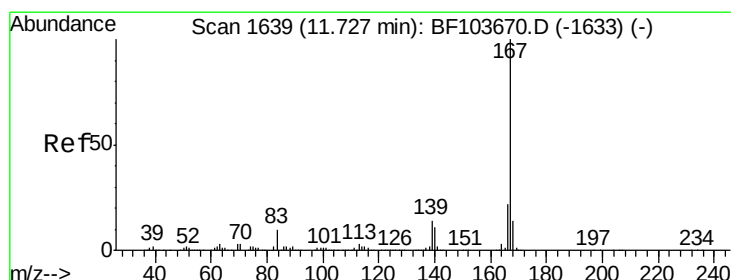
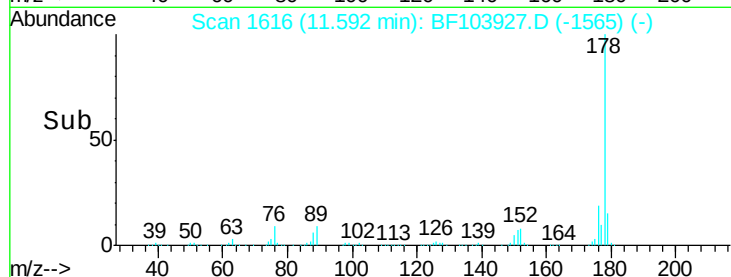
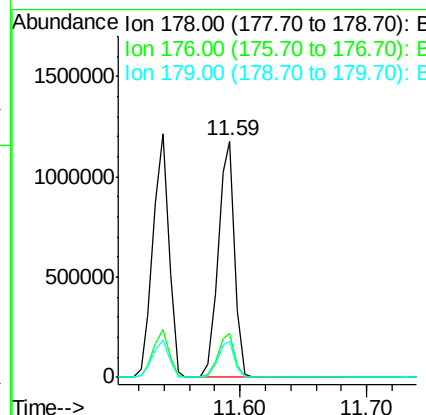
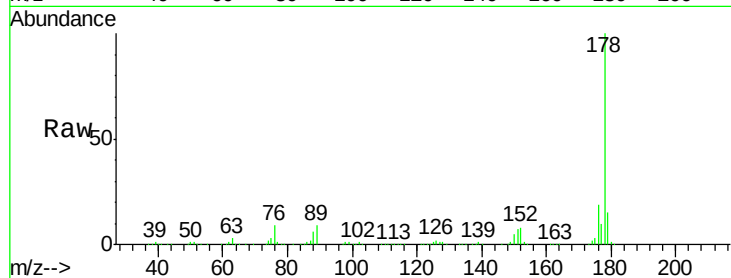




#71
 Anthracene
 Concen: 38.478 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

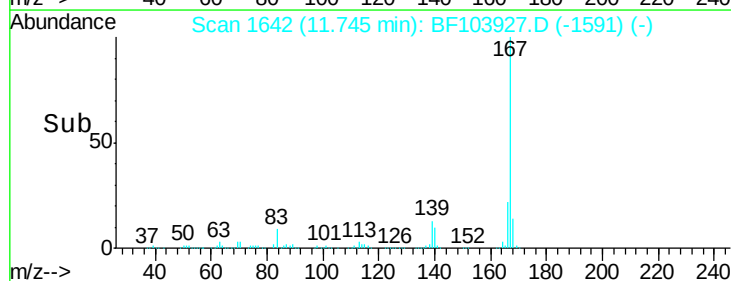
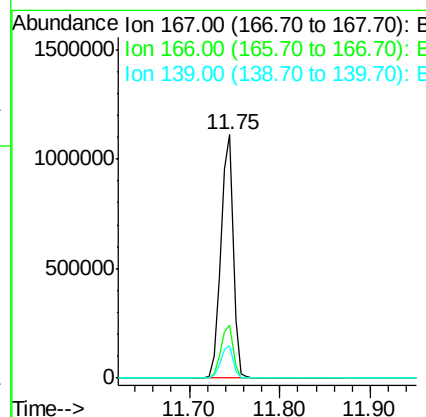
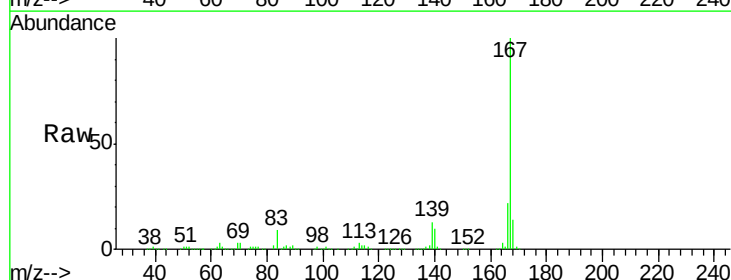
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

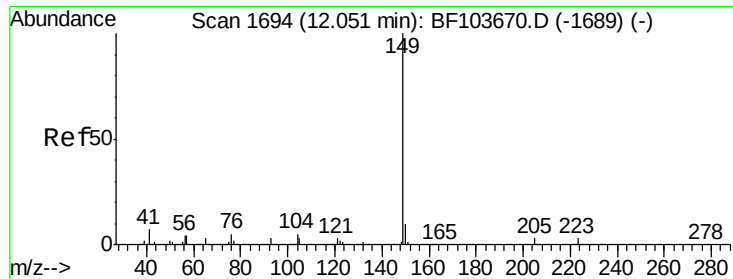
Tot Ion:178 Resp: 1077916
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.174 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion:167 Resp: 1039402
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.974 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

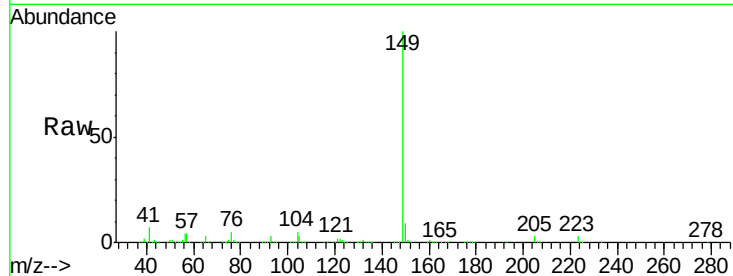
Tot Ion:149 Resp: 1240648

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

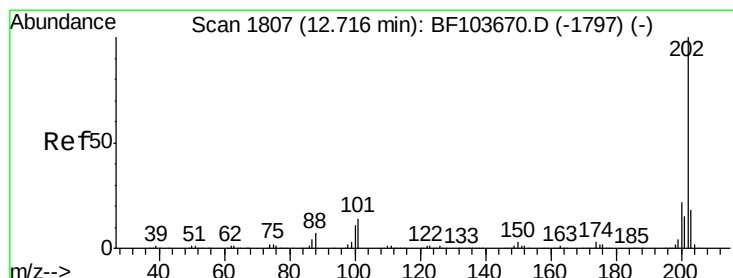
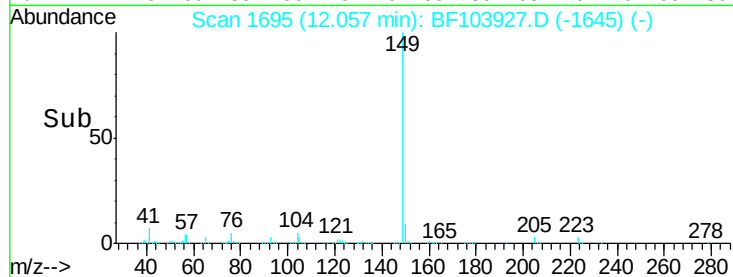
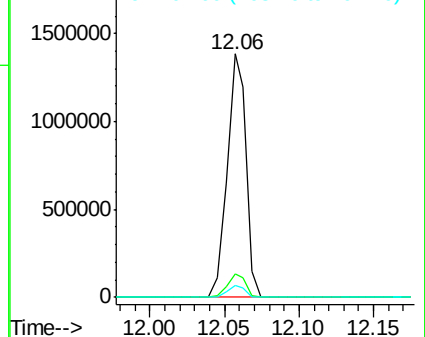
104 4.9 3.8 5.8



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: 38.545 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

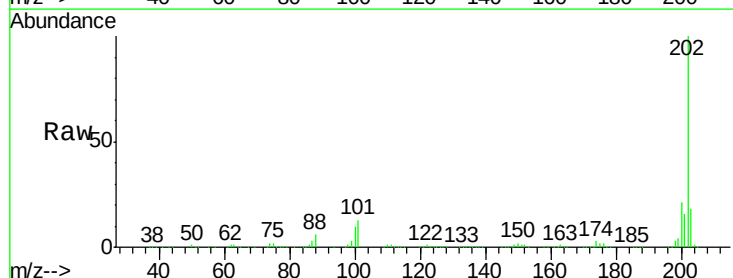
Tgt Ion:202 Resp: 1095271

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

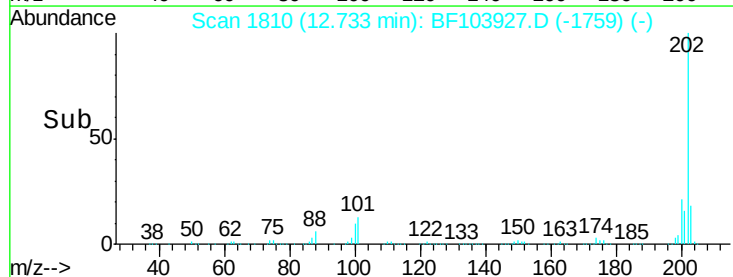
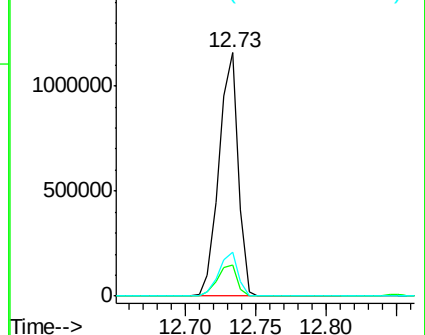
203 17.8 0.0 38.1

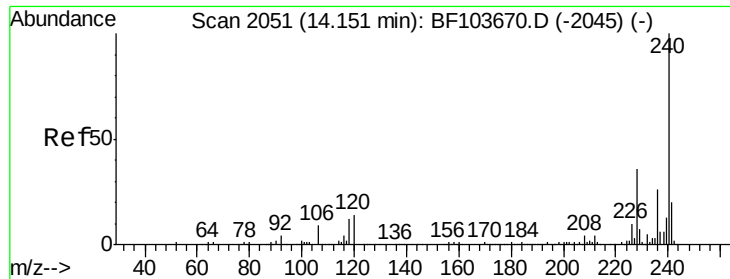


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

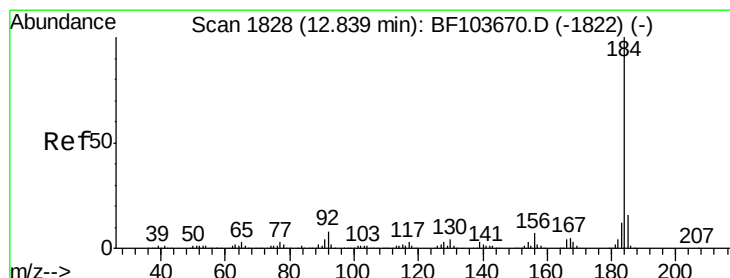
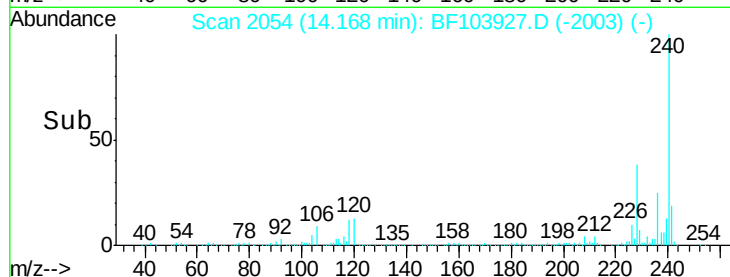
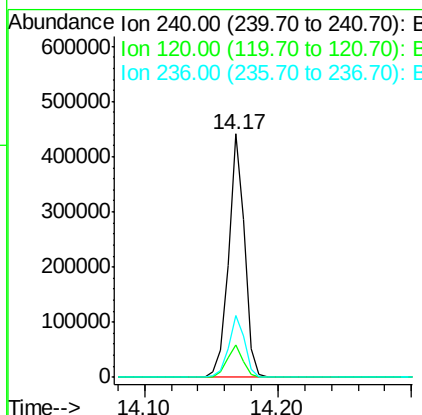
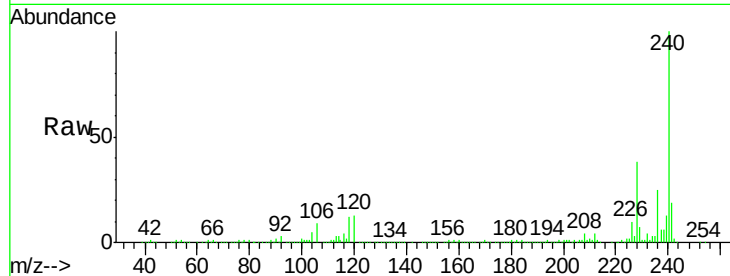




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

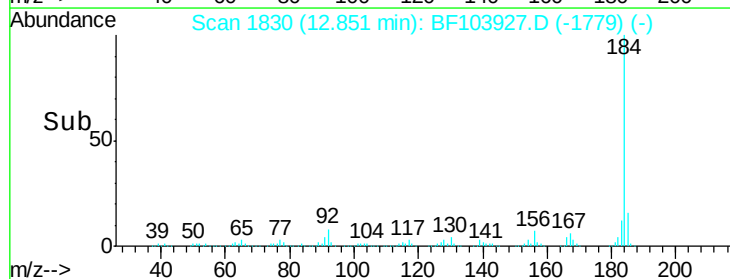
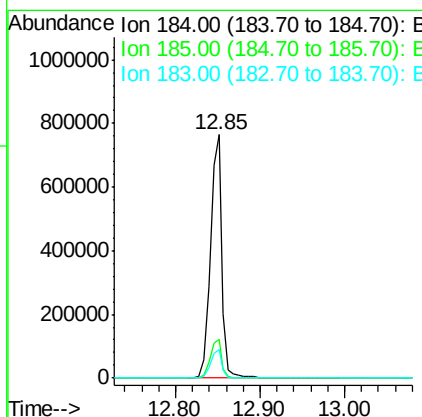
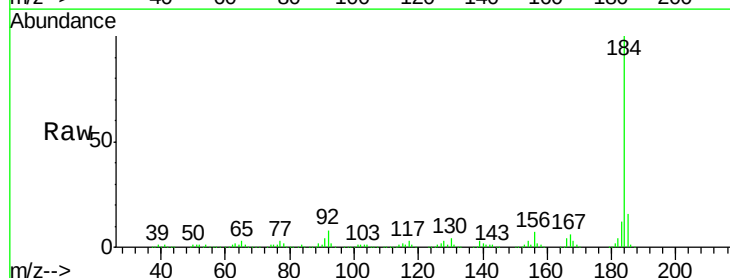
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

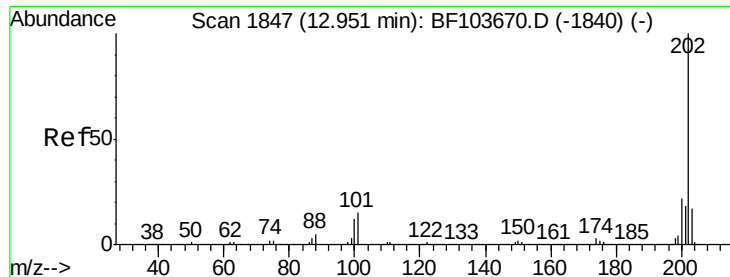
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.2	20.7	31.1



#76
 Benzidine
 Concen: 45.779 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF103927.D
 Acq: 26 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.9	9.3	13.9

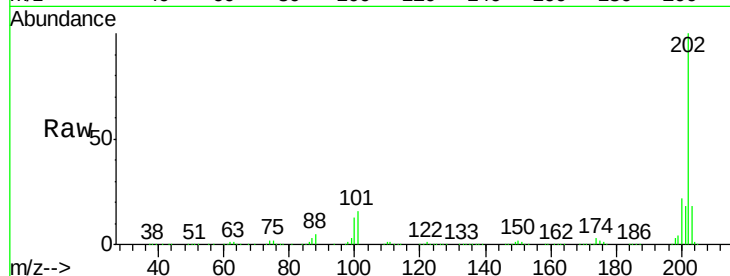




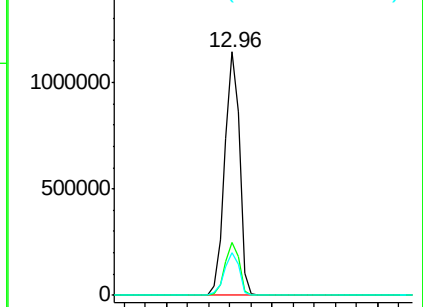
#77
Pvrene
Concen: 40.864 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

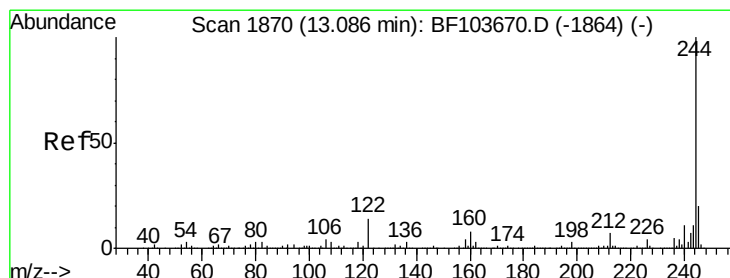
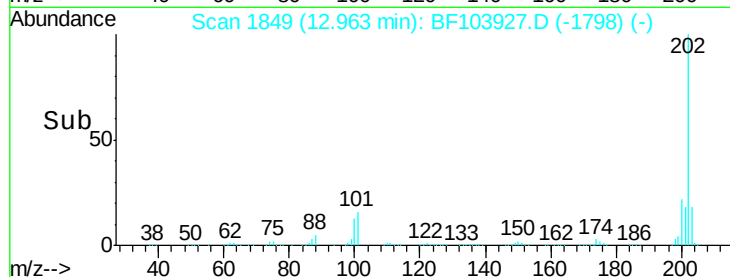
Tot Ion:202 Resp: 1119414
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

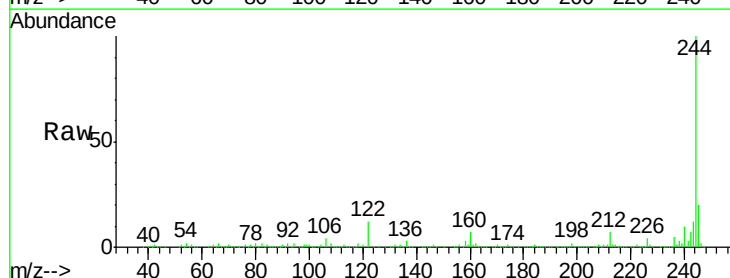


Time-->

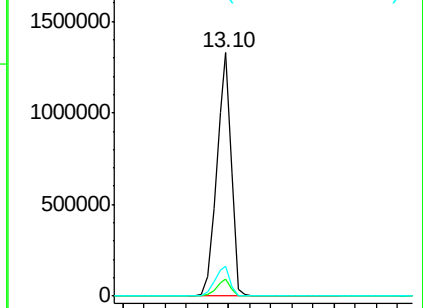


#78
Terphenyl-d14
Concen: 80.379 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

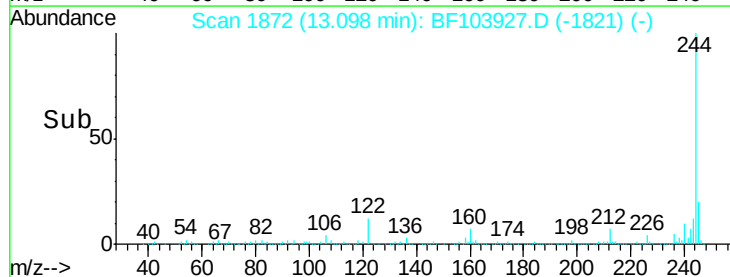
Tgt Ion:244 Resp: 1291712
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.3 11.0 16.4

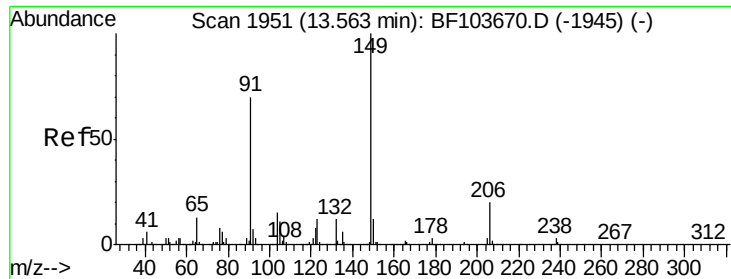


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

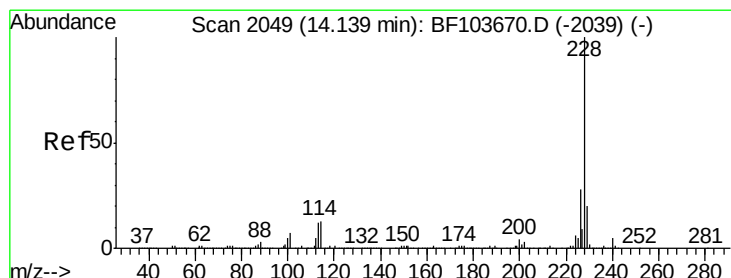
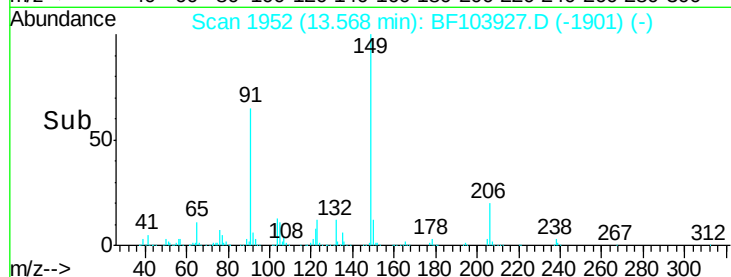
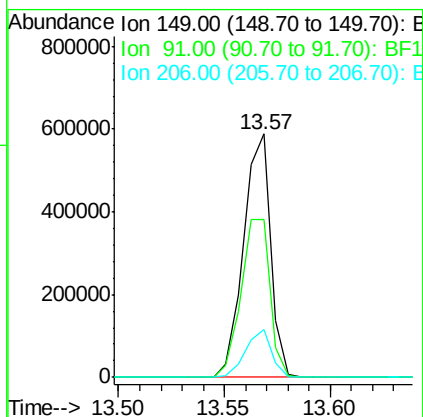
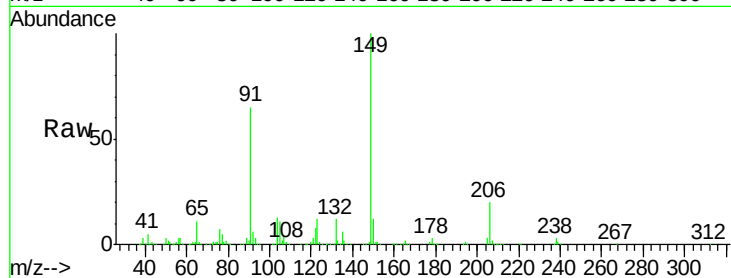




#79
Butylbenzylphthalate
Concen: 42.985 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

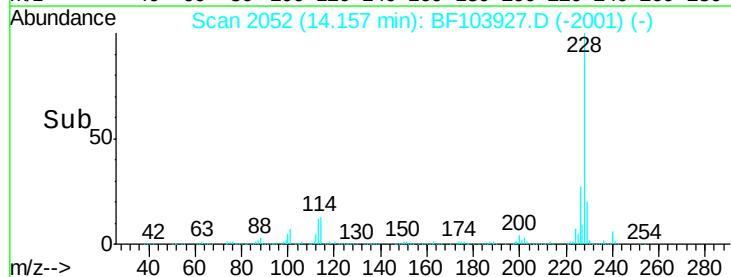
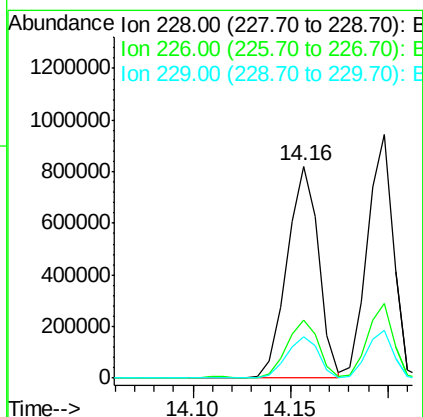
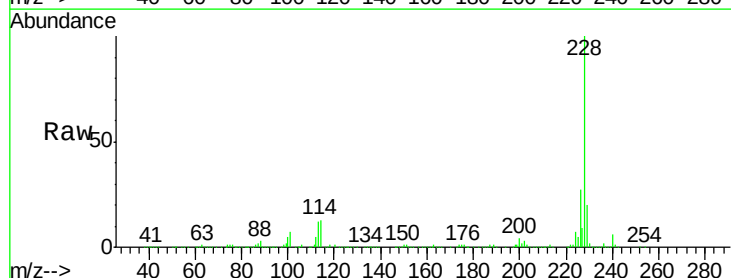
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

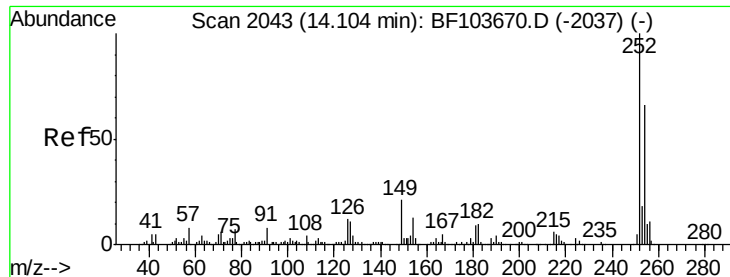
Tot Ion:149 Resp: 521709
Ion Ratio Lower Upper
149 100
91 64.7 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.729 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:228 Resp: 914452
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.106 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

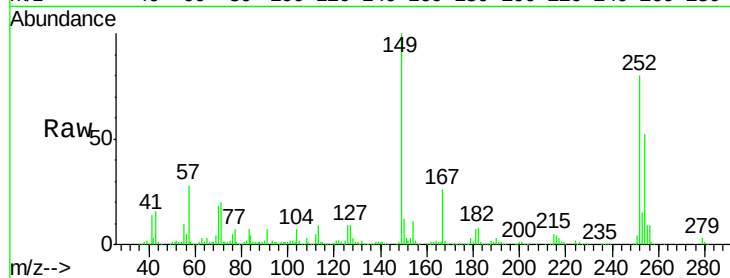
Tot Ion:252 Resp: 316754

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

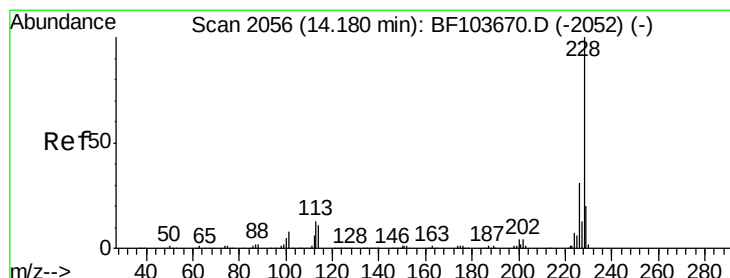
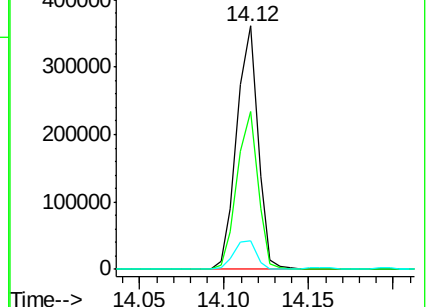
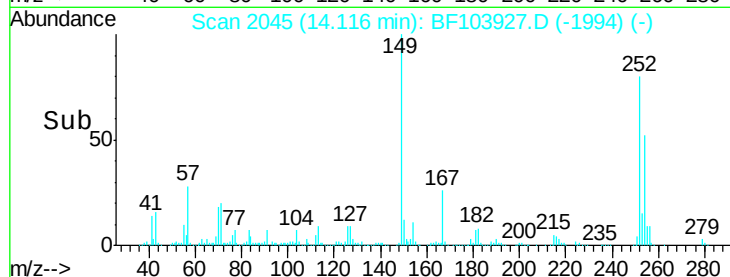
126 11.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.902 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

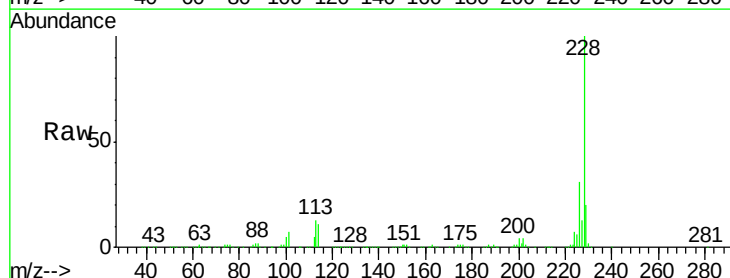
Tgt Ion:228 Resp: 875615

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

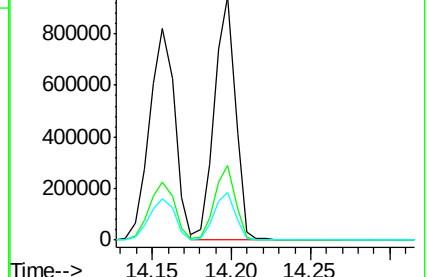
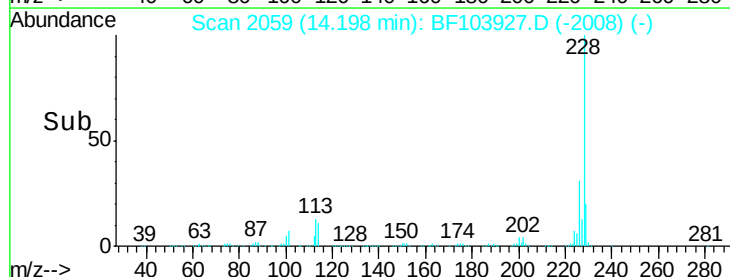
229 19.7 16.2 24.4

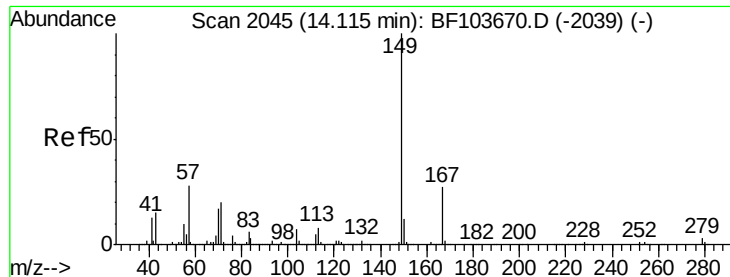


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.368 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

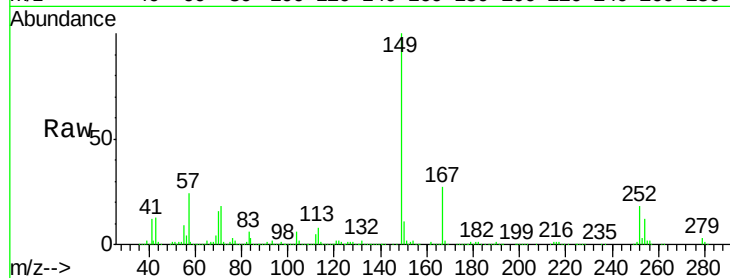
Tot Ion:149 Resp: 647917

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

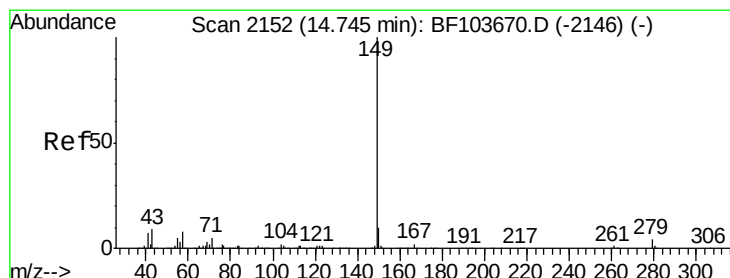
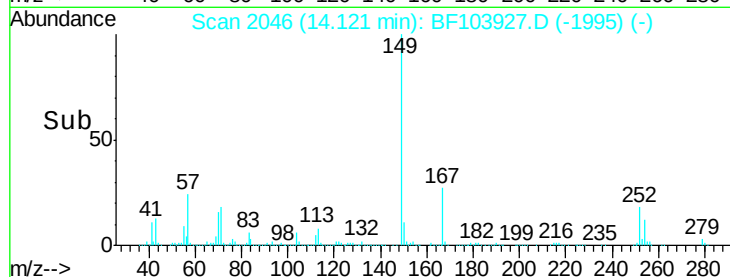
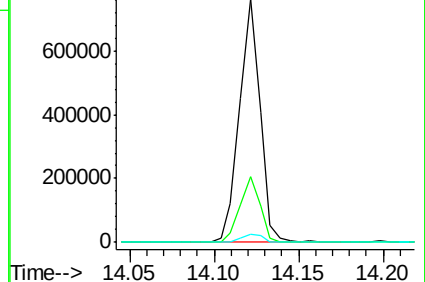
279 3.5 3.0 4.4



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: 40.634 ng

RT: 14.75 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

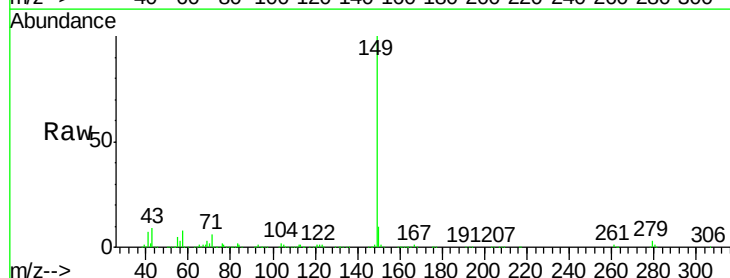
Tgt Ion:149 Resp: 1024983

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

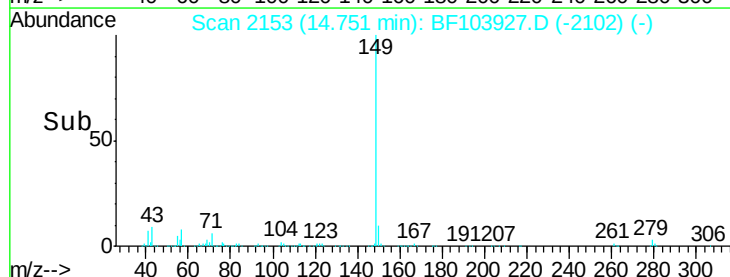
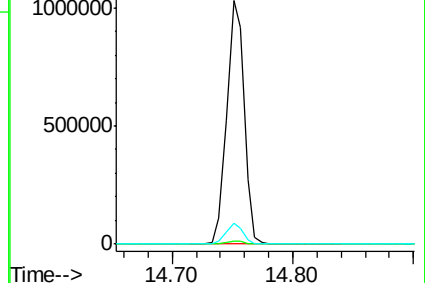
43 8.3 8.4 12.6#

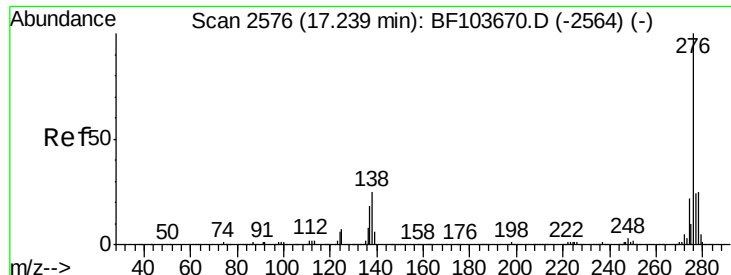


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.785 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

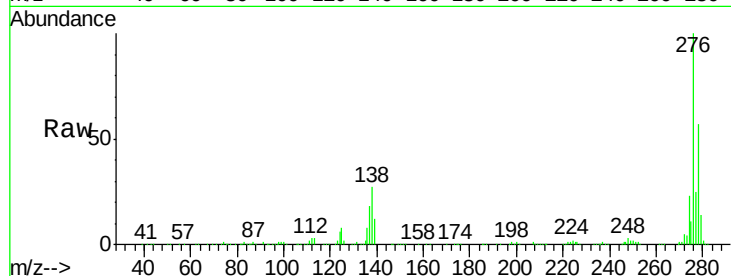
Tot Ion:276 Resp: 762354

Ion Ratio Lower Upper

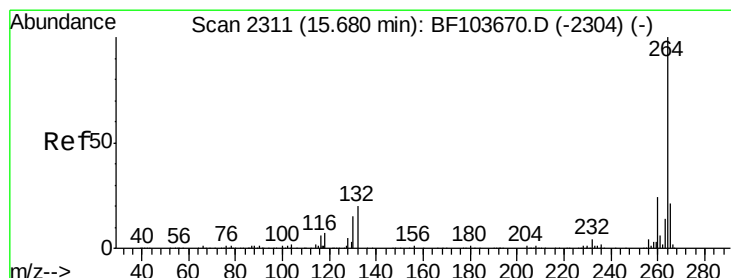
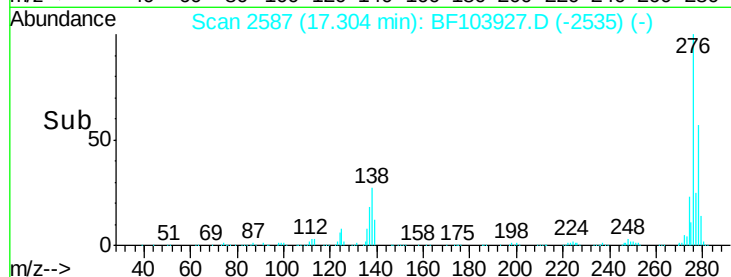
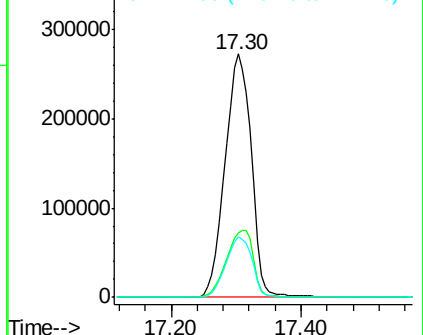
276 100

138 28.5 25.0 37.6

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

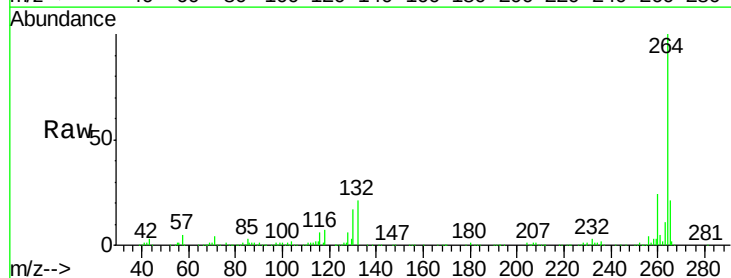
Tgt Ion:264 Resp: 320298

Ion Ratio Lower Upper

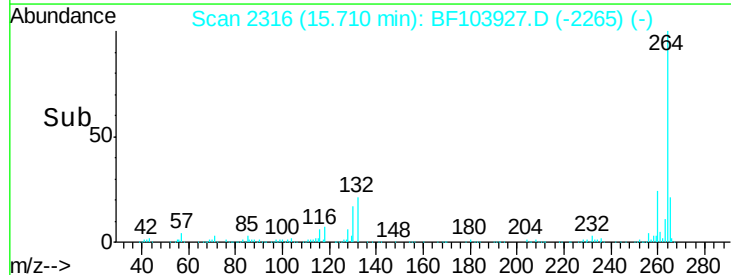
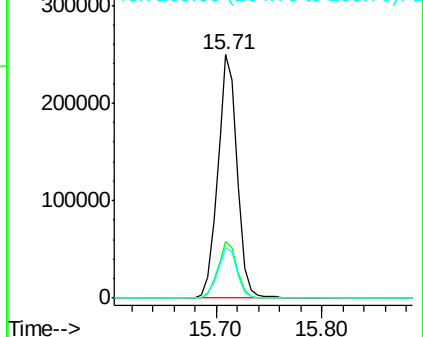
264 100

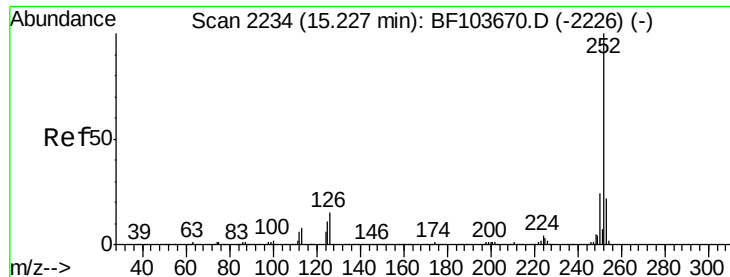
260 23.5 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

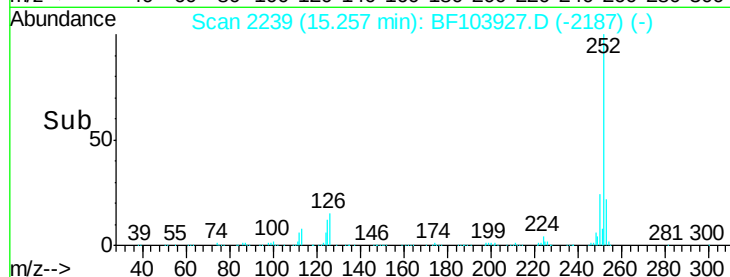
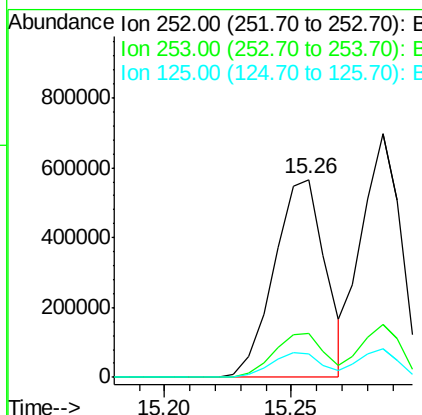
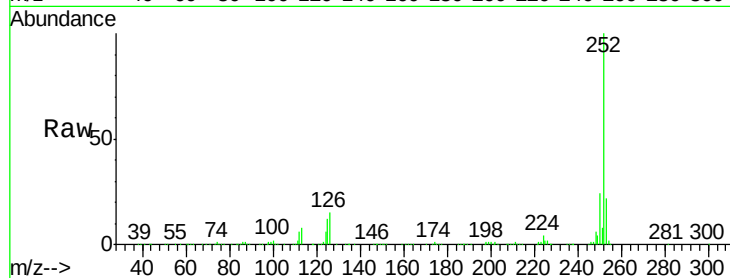




#87
Benzo(b)fluoranthene
Concen: 39.351 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

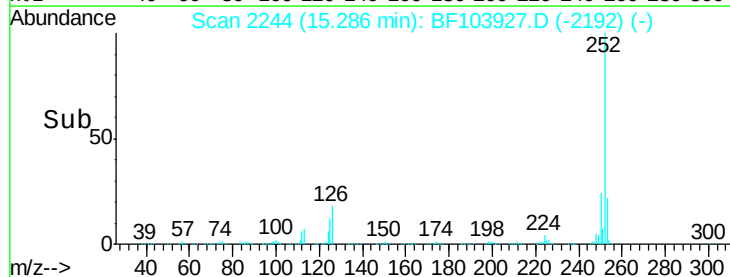
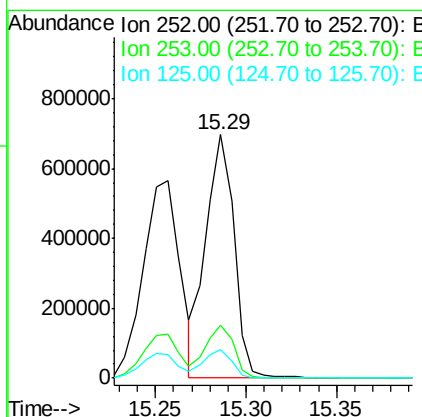
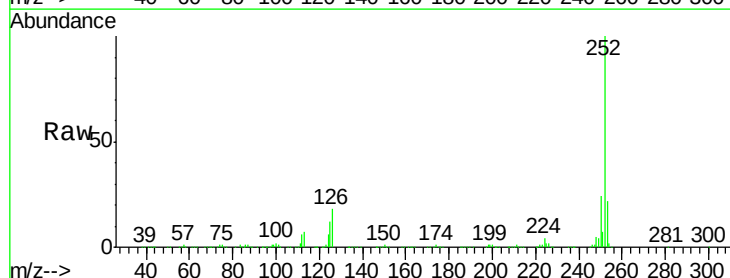
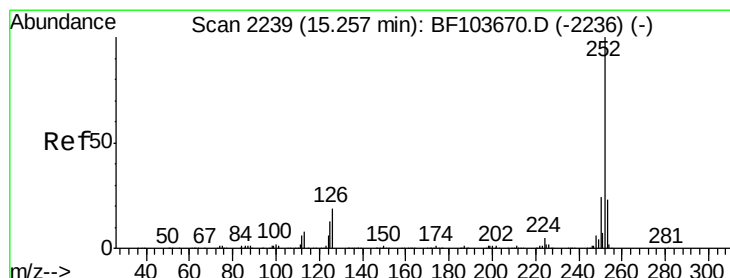
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

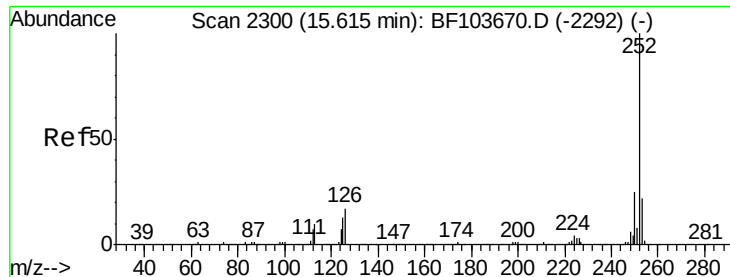
Tot Ion:252 Resp: 796301
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.763 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:252 Resp: 754006
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.9 10.2 15.2

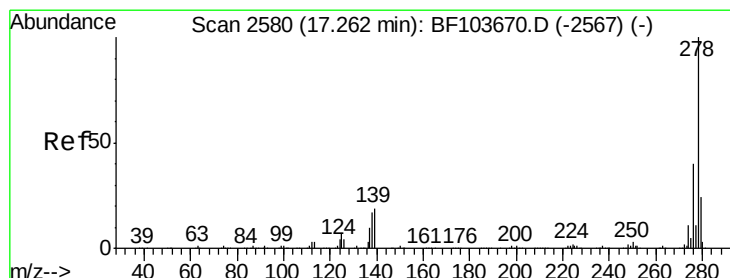
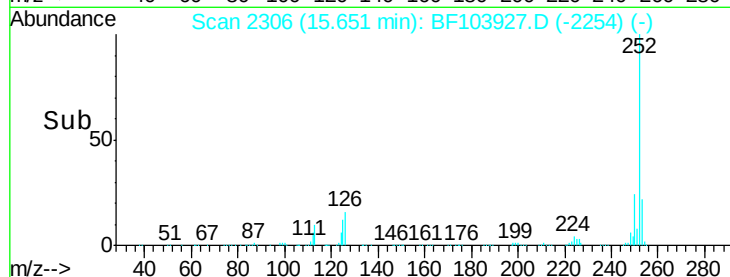
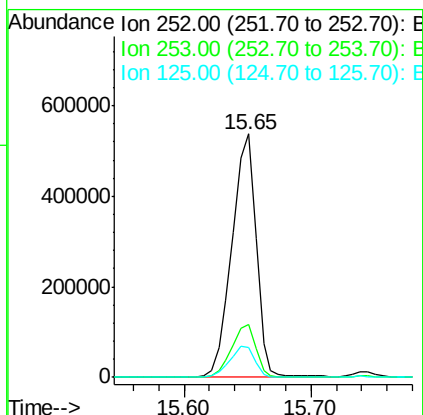
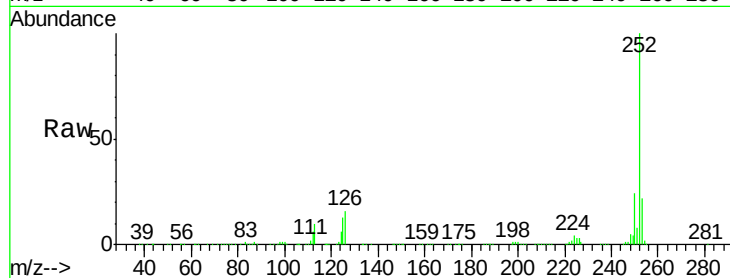




#89
Benzo(a)pyrene
Concen: 38.949 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

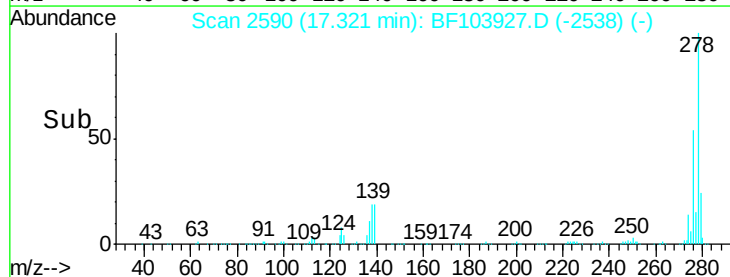
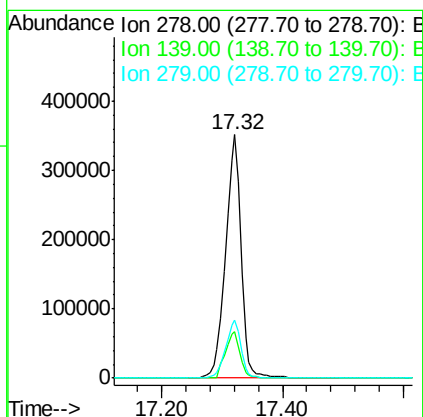
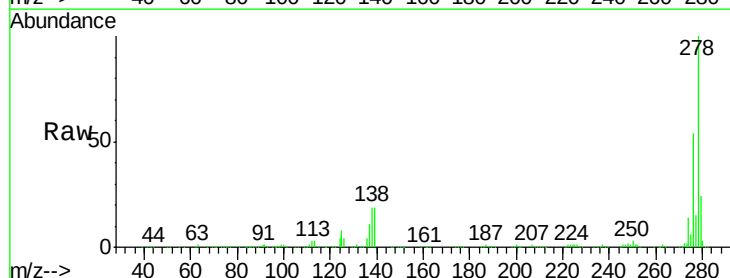
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

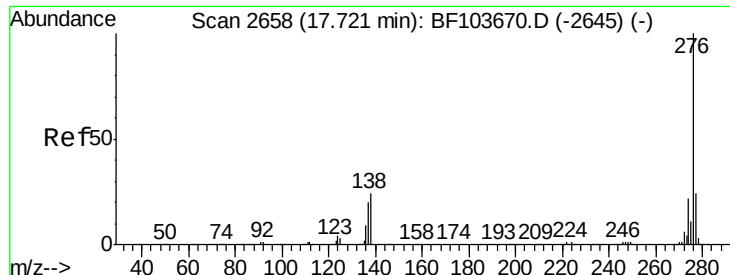
Tot Ion:252 Resp: 714860
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.747 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF103927.D
Acq: 26 Mar 2018 16:17

Tgt Ion:278 Resp: 631692
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 23.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.427 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103927.D

Acq: 26 Mar 2018 16:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

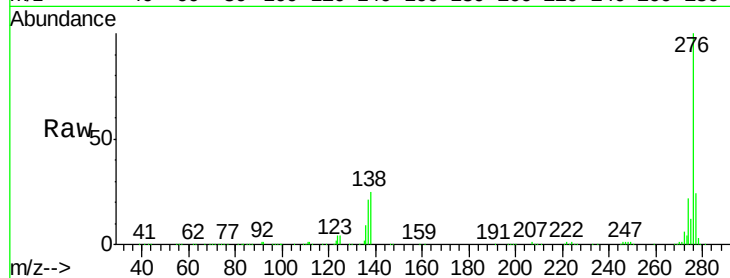
Tot Ion:276 Resp: 625038

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 25.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

