

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104279.D
 Acq On : 5 Apr 2018 19:42
 Operator : JU/SJ
 Sample : J2183-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Quant Time: Apr 06 01:09:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	117102	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	494882	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	239275	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	439368	20.00	ng	0.00
75) Chrysene-d12	14.14	240	339286	20.00	ng	0.00
86) Perylene-d12	15.67	264	289777	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	993025	135.23	ng	0.00
7) Phenol-d6	6.59	99	1230554	136.21	ng	-0.01
23) Nitrobenzene-d5	7.52	82	779919	96.38	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	365752	137.28	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1406706	92.71	ng	0.00
78) Terphenyl-d14	13.06	244	1452483	98.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	112086	35.392	ng	# 88
3) Pyridine	3.67	79	192371	23.994	ng	85
4) n-Nitrosodimethylamine	3.64	42	18224	7.647	ng	# 79
6) Aniline	6.63	93	269272	24.898	ng	# 79
8) 2-Chlorophenol	6.74	128	421427	52.320	ng	96
9) Benzaldehyde	6.53	77	33424	5.188	ng	98
10) Phenol	6.60	94	546020	54.549	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	441816	51.221	ng	89
12) 1,3-Dichlorobenzene	6.89	146	383726	42.380	ng	99
13) 1,4-Dichlorobenzene	6.96	146	463173	47.741	ng	99
14) 1,2-Dichlorobenzene	7.12	146	429626	49.268	ng	98
15) Benzyl Alcohol	7.10	79	211622	36.028	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	446697	47.535	ng	# 44
17) 2-Methylphenol	7.20	107	300021	45.764	ng	# 78
18) Hexachloroethane	7.45	117	147923	45.539	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	268695	50.117	ng	92
20) 3+4-Methylphenols	7.36	107	414646	49.558	ng	# 53
22) Acetophenone	7.36	105	561000	46.853	ng	99
24) Nitrobenzene	7.54	77	353722	41.544	ng	96
25) Isophorone	7.76	82	767514	51.466	ng	99
26) 2-Nitrophenol	7.85	139	230227	51.802	ng	89
27) 2,4-Dimethylphenol	7.88	122	339981	53.041	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	477830	51.122	ng	99
29) 2,4-Dichlorophenol	8.09	162	345702	51.636	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	352588	46.416	ng	99
31) Naphthalene	8.25	128	1227537	50.774	ng	100
32) Benzoic acid	8.02	122	117425	25.008	ng	84
33) 4-Chloroaniline	8.33	127	125833	12.345	ng	92
34) Hexachlorobutadiene	8.35	225	178712	43.233	ng	99
35) Caprolactam	8.69	113	43604	20.540	ng	# 75
36) 4-Chloro-3-methylphenol	8.79	107	363332	51.308	ng	97
37) 2-Methylnaphthalene	8.94	142	766812	48.150	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	350395	47.754	ng	98
40) Hexachlorocyclopentadiene	9.08	237	215433	63.563	ng	97

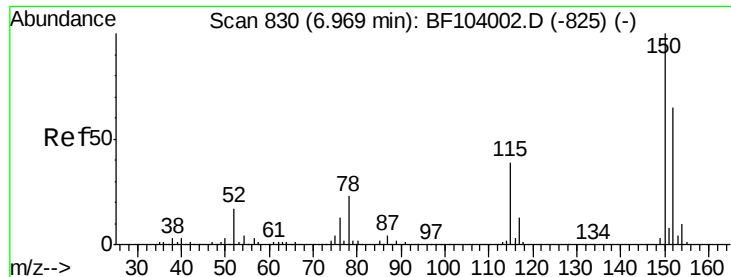
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104279.D
 Acq On : 5 Apr 2018 19:42
 Operator : JU/SJ
 Sample : J2183-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Quant Time: Apr 06 01:09:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	198957	42.822	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	245062	43.684	ng	96
45) 1,1'-Biphenyl	9.40	154	954193	46.464	ng	99
46) 2-Chloronaphthalene	9.43	162	747357	46.135	ng	99
47) 2-Nitroaniline	9.55	65	212716	46.050	ng	94
48) Acenaphthylene	9.85	152	1086078	44.255	ng	100
49) Dimethylphthalate	9.70	163	942227	49.876	ng	100
50) 2,6-Dinitrotoluene	9.77	165	188854	46.466	ng	95
51) Acenaphthene	10.02	154	609770	42.951	ng	99
52) 3-Nitroaniline	9.97	138	117560	25.162	ng	95
53) 2,4-Dinitrophenol	10.07	184	106896	61.621	ng	# 33
54) Dibenzofuran	10.20	168	938518	45.269	ng	97
55) 4-Nitrophenol	10.15	139	169171	60.388	ng	95
56) 2,4-Dinitrotoluene	10.19	165	236811	45.661	ng	# 94
57) Fluorene	10.54	166	771494	45.113	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	217351	51.713	ng	# 85
59) Diethylphthalate	10.40	149	797960	44.091	ng	97
60) 4-Chlorophenyl-phenylether	10.52	204	373211	47.515	ng	96
61) 4-Nitroaniline	10.60	138	185244	42.374	ng	96
62) Azobenzene	10.69	77	761972	46.562	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	106489	40.039	ng	82
65) n-Nitrosodiphenylamine	10.65	169	680633	45.742	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	230504	49.037	ng	93
67) Hexachlorobenzene	11.09	284	242031	44.761	ng	# 86
68) Atrazine	11.17	200	215289	47.227	ng	99
69) Pentachlorophenol	11.29	266	227682	76.521	ng	97
70) Phenanthrene	11.51	178	1113145	46.795	ng	99
71) Anthracene	11.56	178	1277950	51.432	ng	99
72) Carbazole	11.72	167	1151336	48.549	ng	99
73) Di-n-butylphthalate	12.02	149	1259735	44.596	ng	99
74) Fluoranthene	12.70	202	1237644	48.947	ng	99
76) Benzidine	12.83	184	315774	32.659	ng	97
77) Pyrene	12.93	202	1230253	50.441	ng	99
79) Butylbenzylphthalate	13.53	149	547381	47.637	ng	96
80) Benzo(a)anthracene	14.13	228	930466	43.829	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	191335	27.228	ng	98
82) Chrysene	14.16	228	1048919	50.445	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	723481	48.730	ng	100
84) Di-n-octyl phthalate	14.70	149	1177844	46.119	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	808192	37.508	ng	96
87) Benzo(b)fluoranthene	15.22	252	759121	43.045	ng	99
88) Benzo(k)fluoranthene	15.24	252	950175	57.195	ng	99
89) Benzo(a)pyrene	15.61	252	803652	49.175	ng	99
90) Dibenzo(a,h)anthracene	17.26	278	674027	44.608	ng	98
91) Benzo(g,h,i)perylene	17.73	276	666199	44.019	ng	95

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

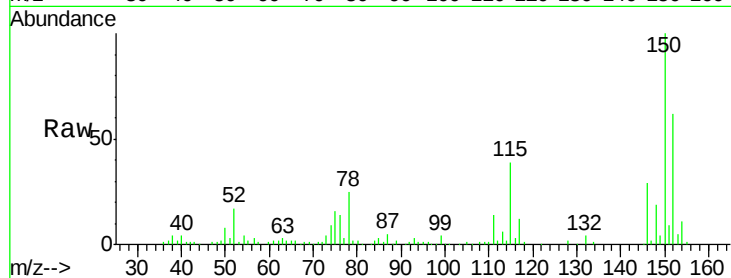


#1

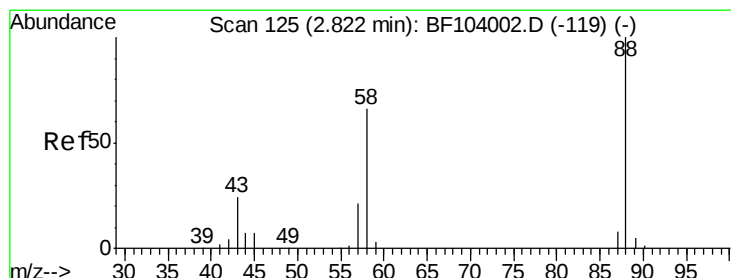
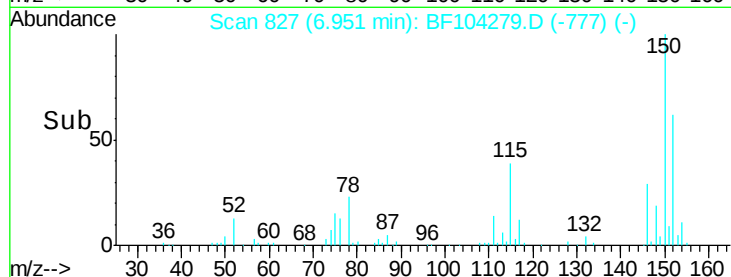
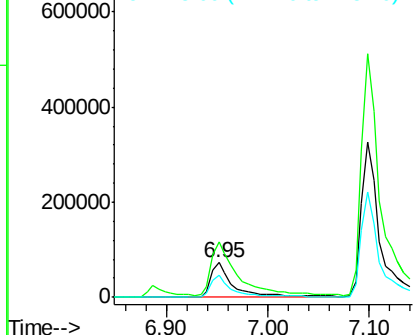
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:152 Resp: 117102
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 62.2 50.1 75.1



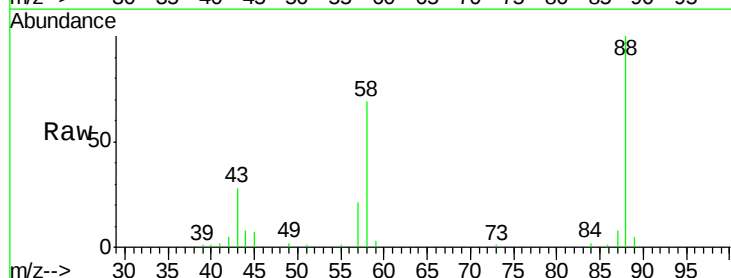
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



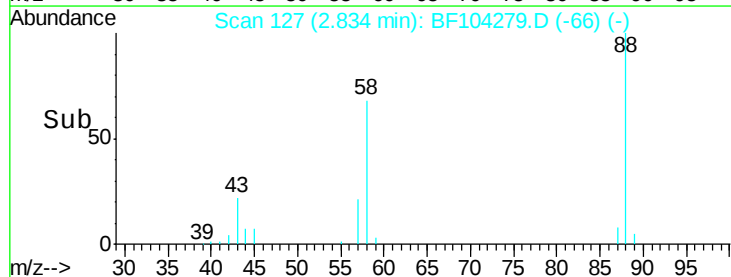
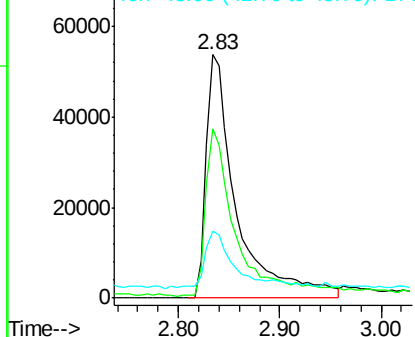
#2

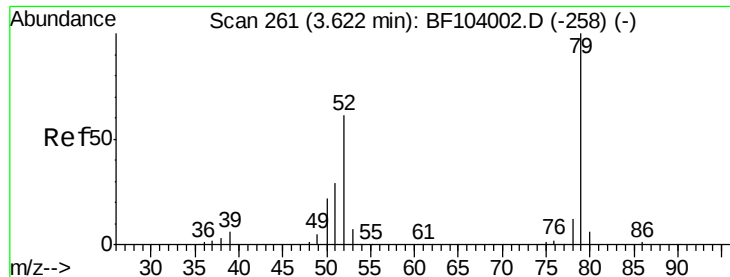
1,4-Dioxane
Concen: 35.392 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.06 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion: 88 Resp: 112086
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 21.2 24.6 37.0#



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





#3

Pvridine

Concen: 23.994 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.06 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

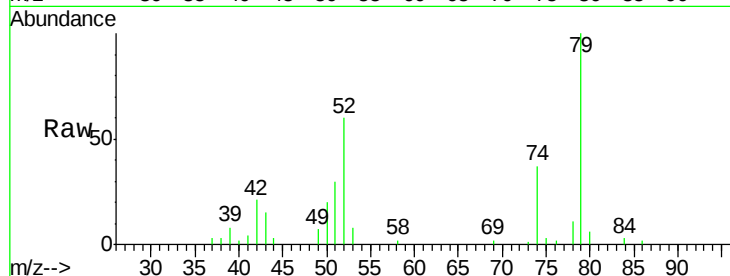
Tot Ion: 79 Resp: 192371

Ion Ratio Lower Upper

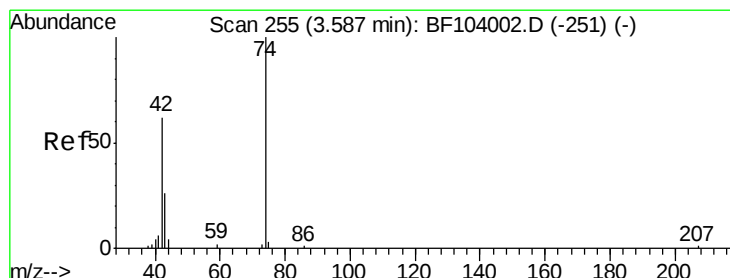
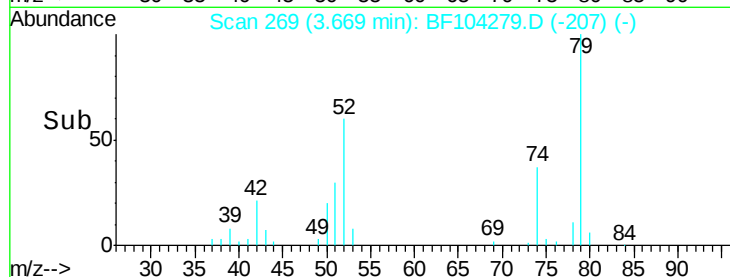
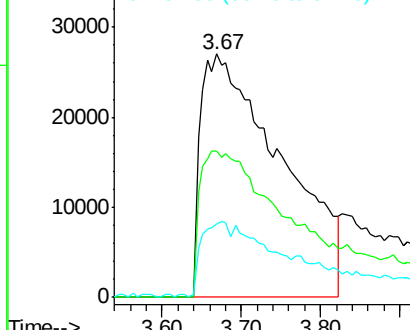
79 100

52 60.0 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: 7.647 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

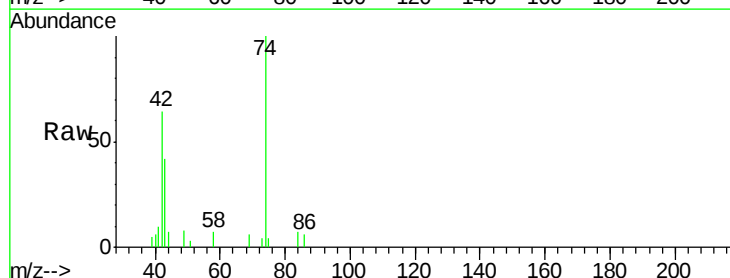
Tgt Ion: 42 Resp: 18224

Ion Ratio Lower Upper

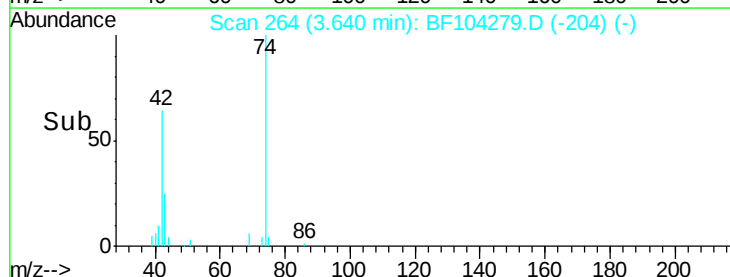
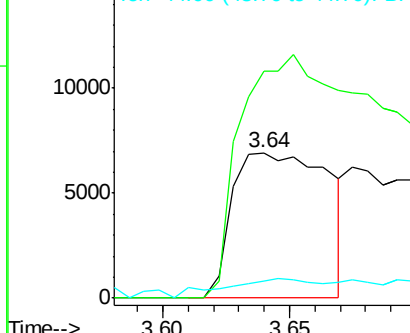
42 100

74 156.3 104.9 157.3

44 11.6 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: 135.235 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

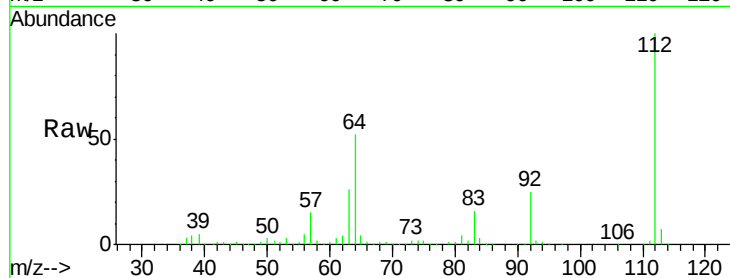
Tot Ion:112 Resp: 993025

Ion Ratio Lower Upper

112 100

64 52.4 47.9 71.9

63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.59

400000

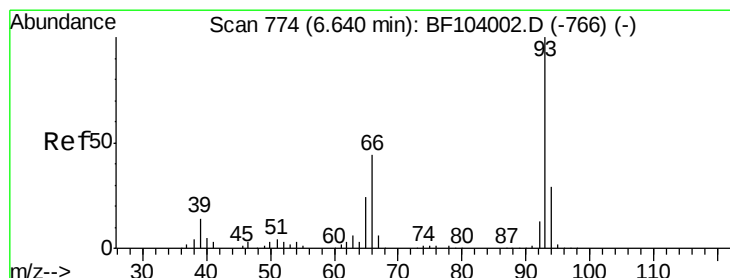
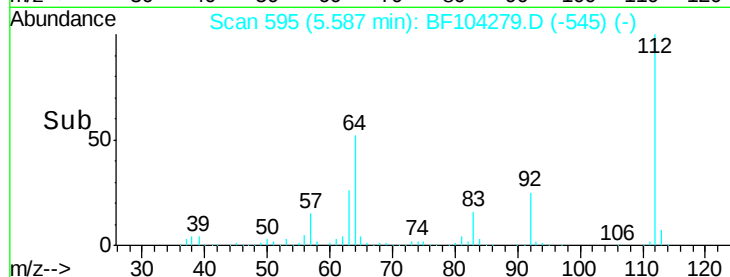
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 24.898 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

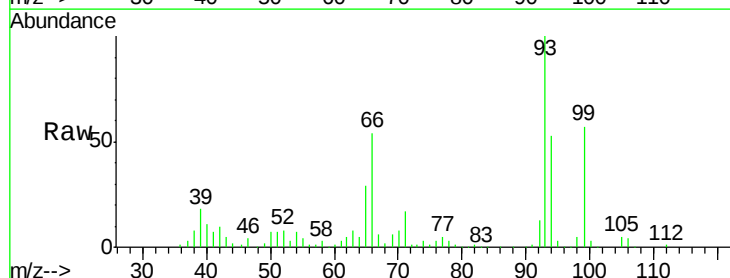
Tgt Ion: 93 Resp: 269272

Ion Ratio Lower Upper

93 100

66 54.3 32.2 48.2#

65 28.6 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

6.63

300000

250000

200000

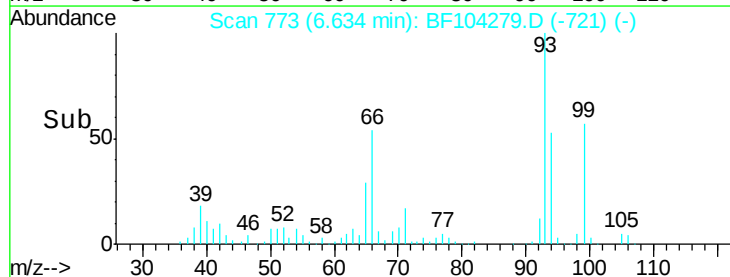
150000

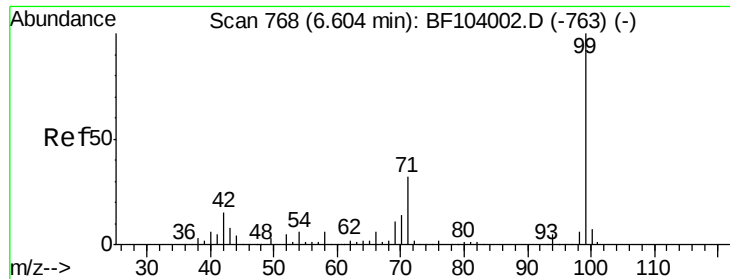
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 136.212 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

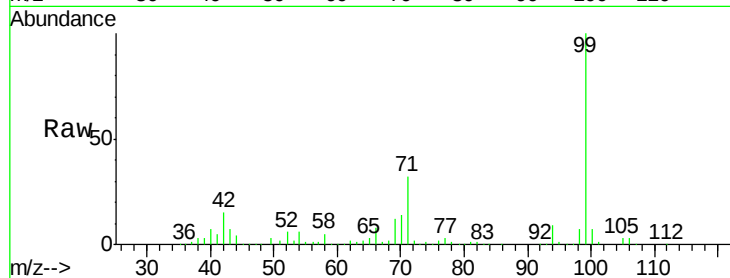
Tot Ion: 99 Resp: 1230554

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

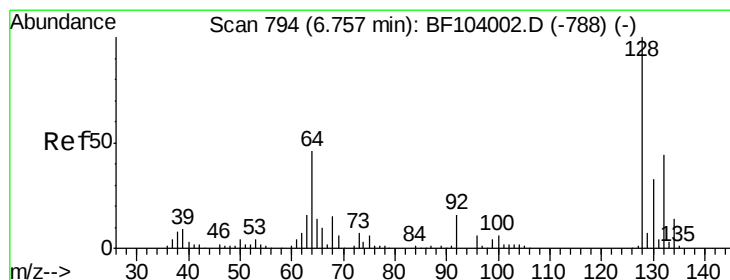
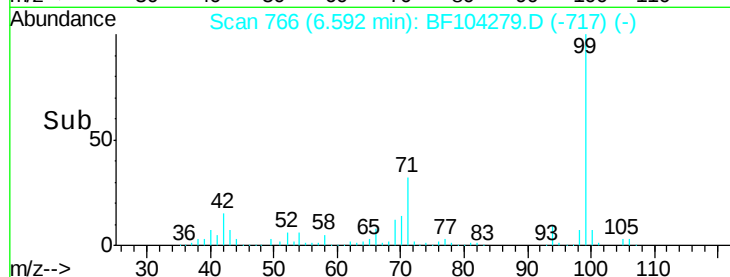
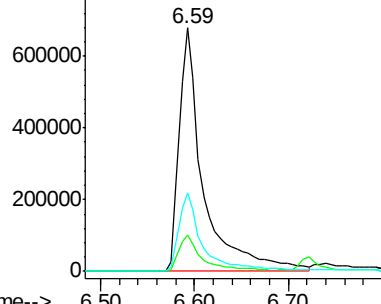
71 32.1 25.4 38.0



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: 52.320 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

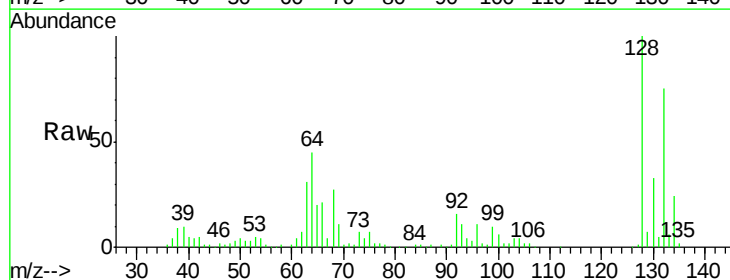
Tgt Ion: 128 Resp: 421427

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

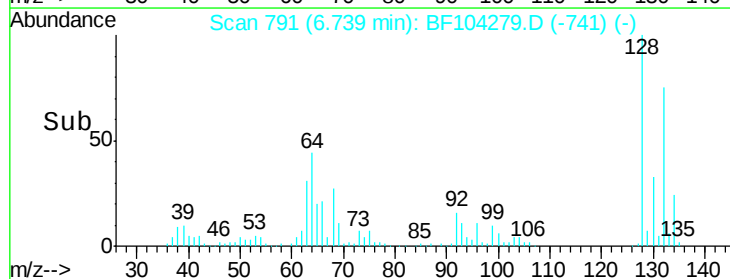
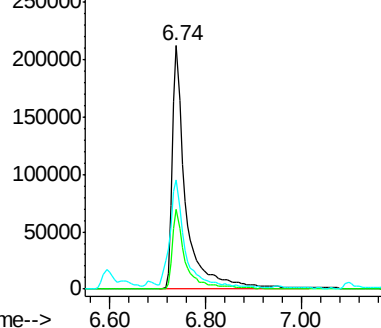
64 44.9 29.4 69.4

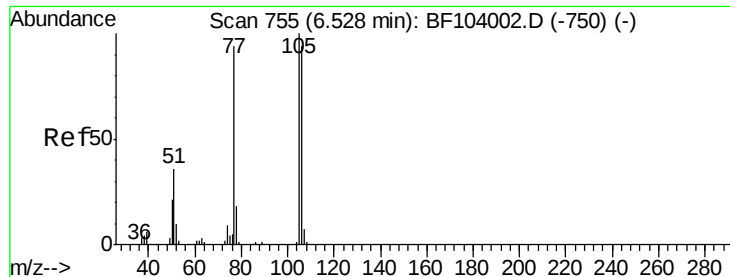


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.188 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

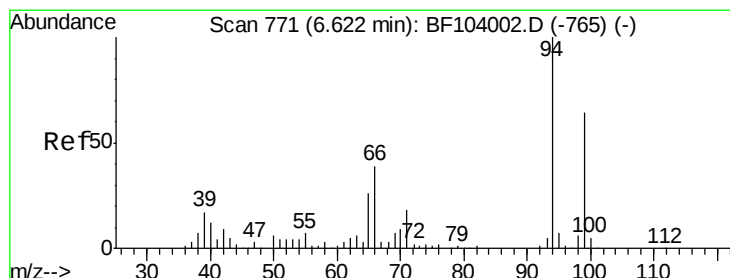
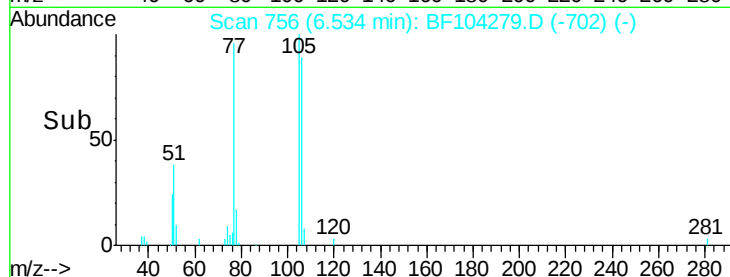
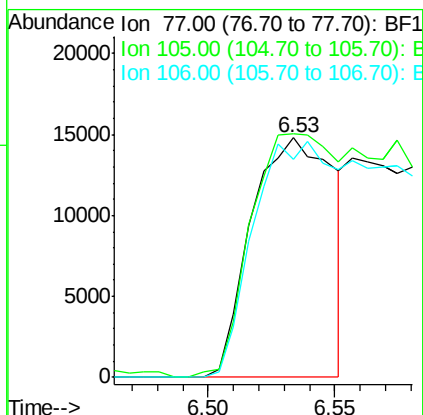
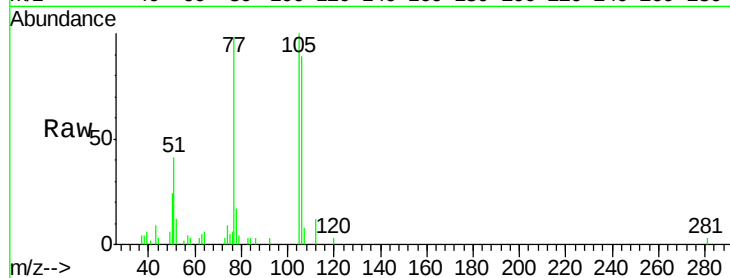
Tot Ion: 77 Resp: 33424

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

106 91.1 74.5 114.5



#10

Phenol

Concen: 54.549 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

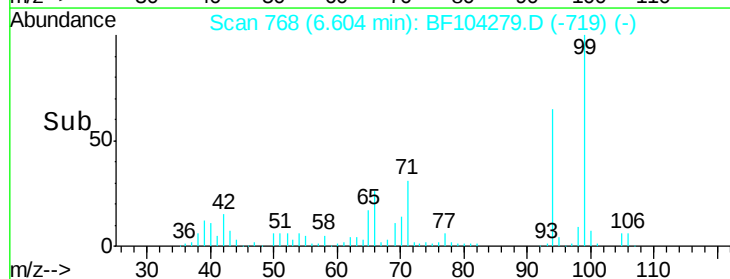
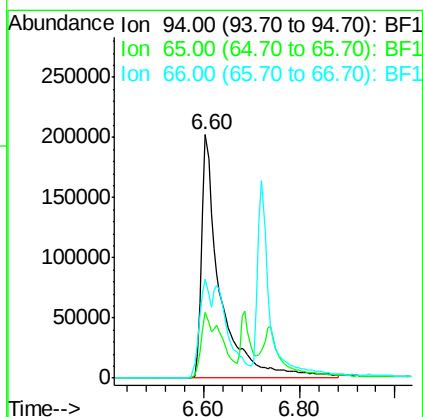
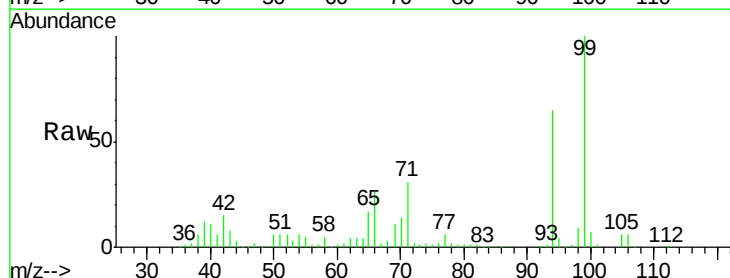
Tgt Ion: 94 Resp: 546020

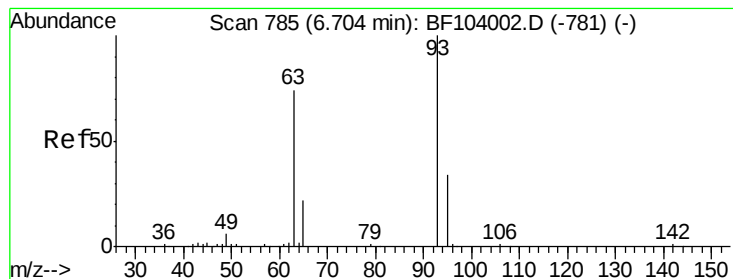
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 40.6 16.2 56.2

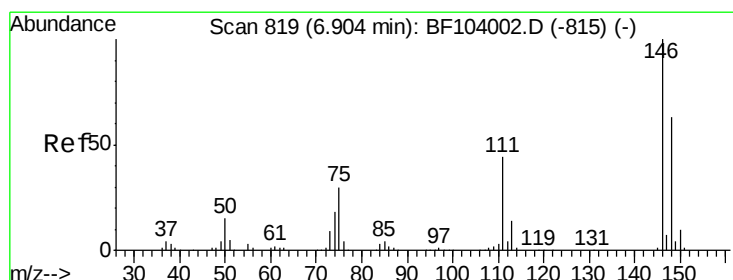
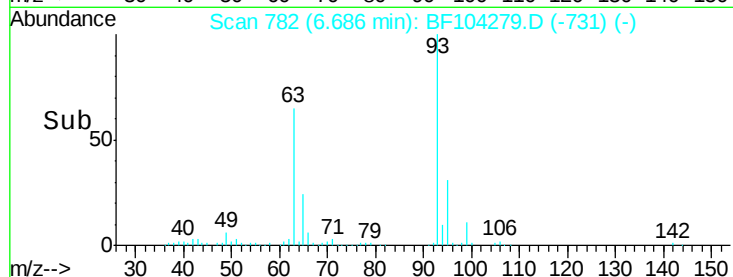
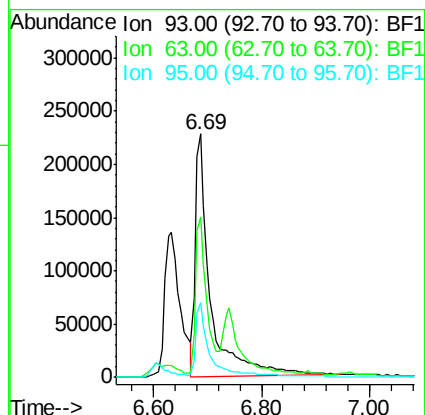
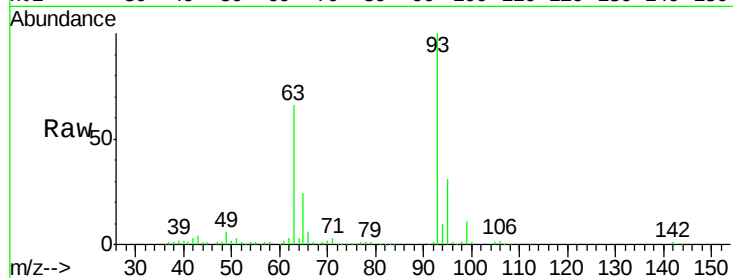




#11
bis(2-Chloroethyl)ether
Concen: 51.221 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

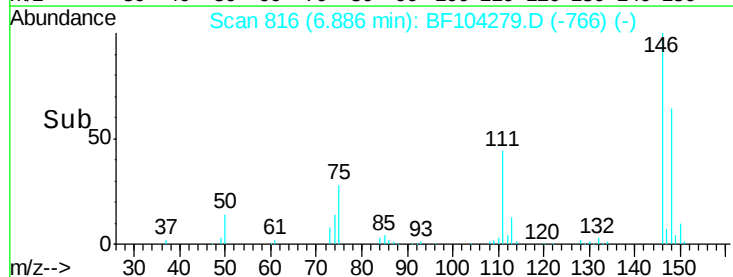
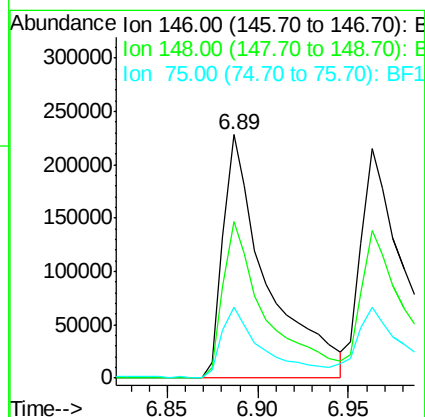
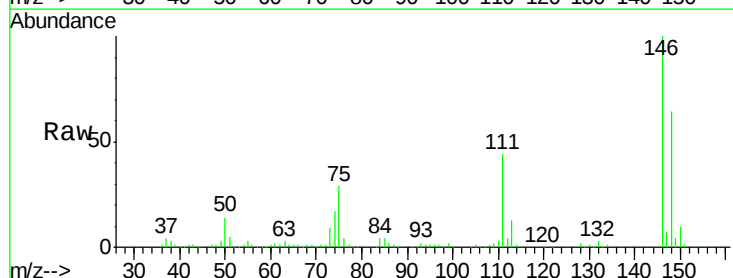
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

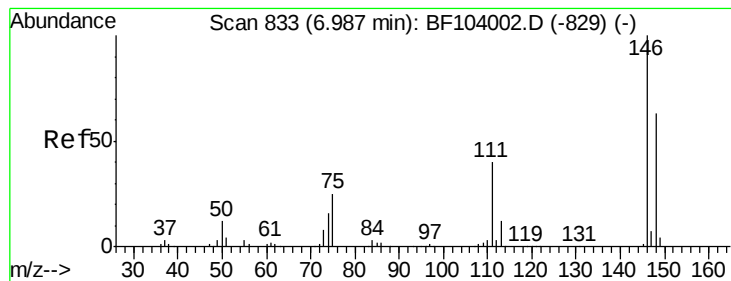
Tot Ion: 93 Resp: 441816
Ion Ratio Lower Upper
93 100
63 65.9 58.6 98.6
95 30.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.380 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion: 146 Resp: 383726
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 29.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 47.741 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

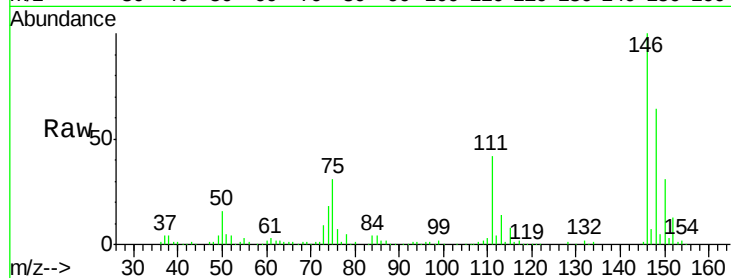
Tot Ion:146 Resp: 463173

Ion Ratio Lower Upper

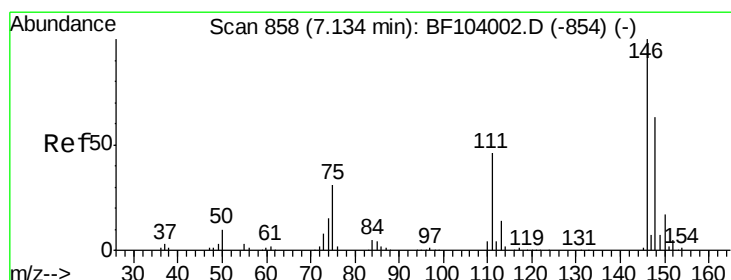
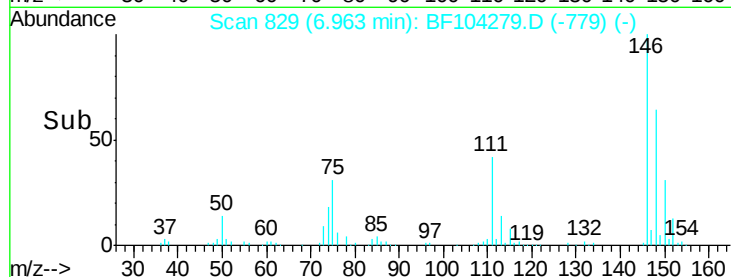
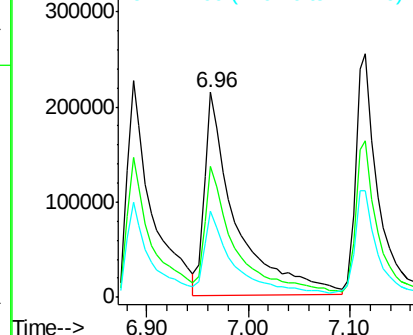
146 100

148 64.2 50.8 76.2

111 42.3 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: 49.268 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

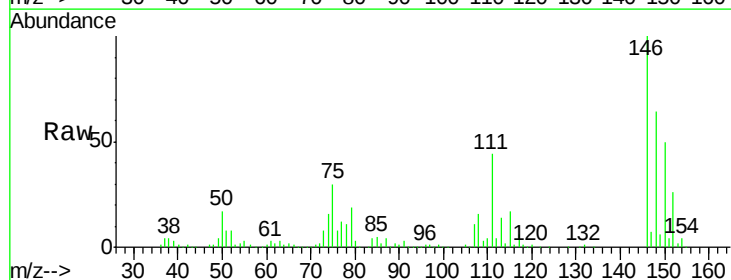
Tgt Ion:146 Resp: 429626

Ion Ratio Lower Upper

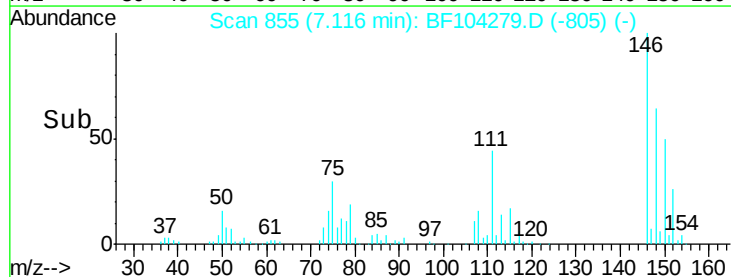
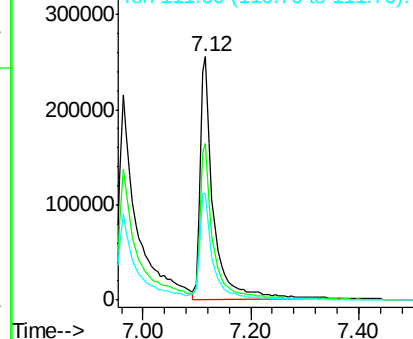
146 100

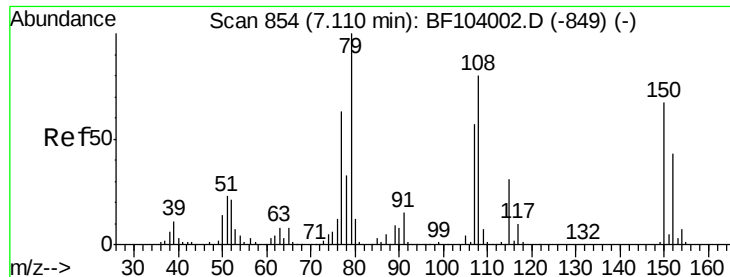
148 64.2 50.6 75.8

111 43.6 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: 36.028 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

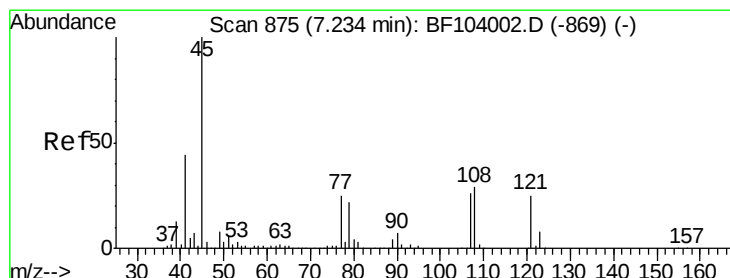
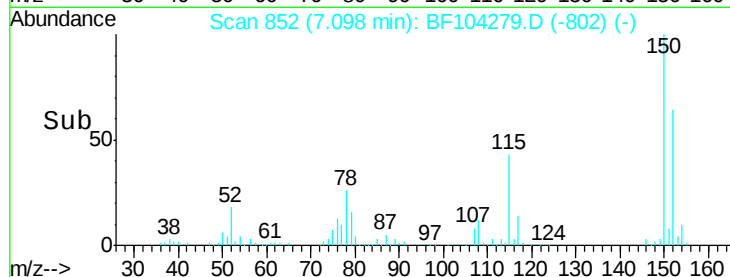
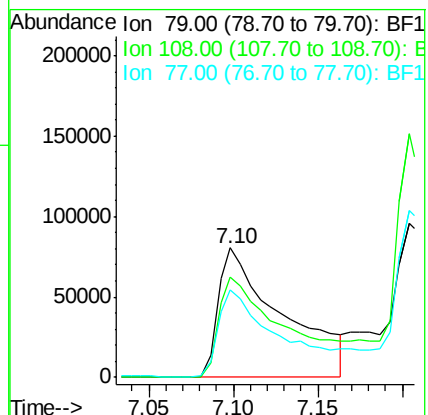
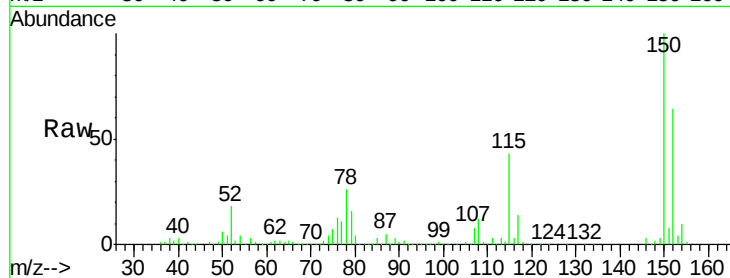
Tot Ion: 79 Resp: 211622

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

77 67.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.535 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

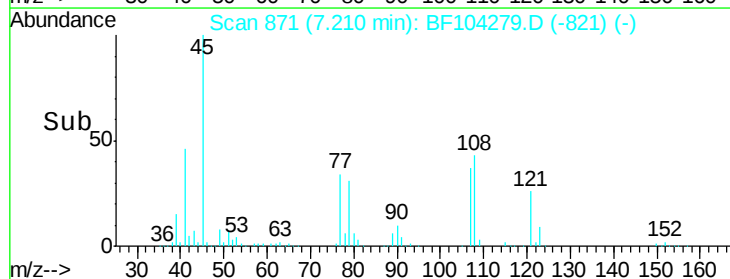
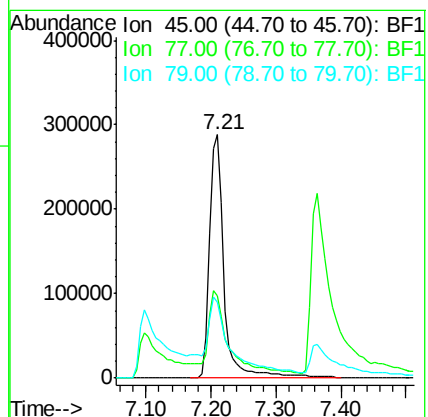
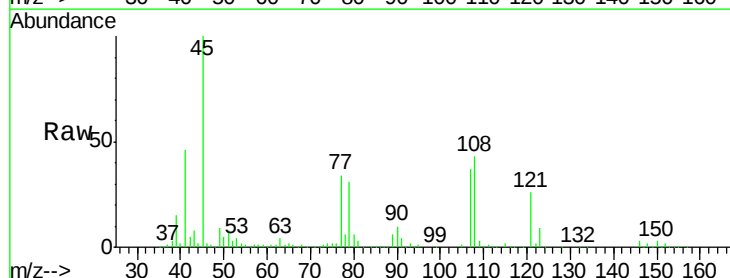
Tgt Ion: 45 Resp: 446697

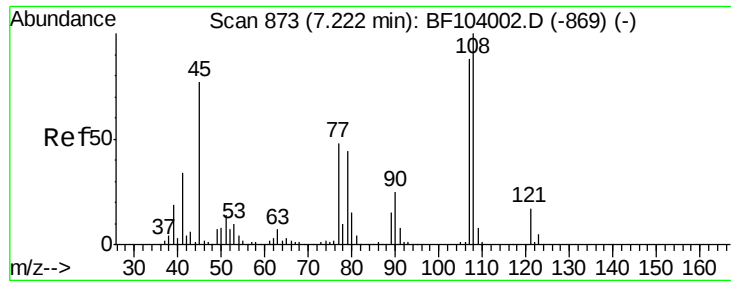
Ion Ratio Lower Upper

45 100

77 34.0 0.0 32.9#

79 31.1 0.0 29.6#

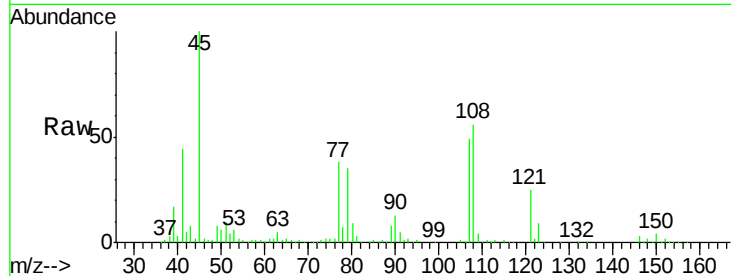




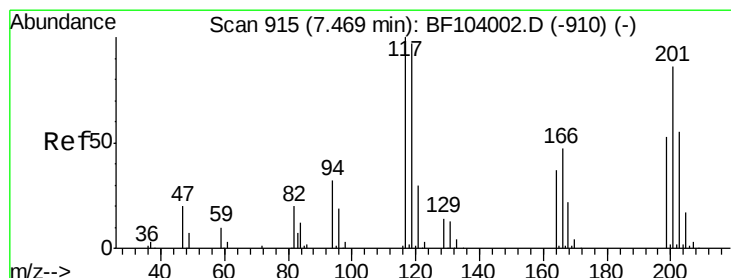
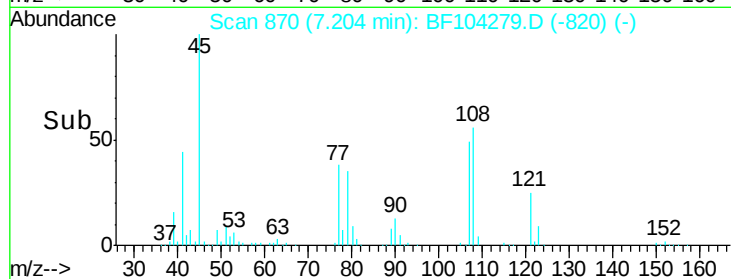
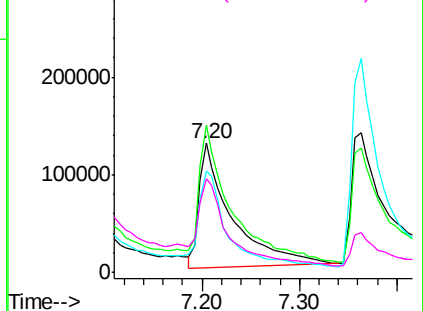
#17
2-Methylphenol
Concen: 45.764 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:107 Resp: 300021
Ion Ratio Lower Upper
107 100
108 114.5 91.7 137.5
77 78.4 33.8 50.8#
79 72.7 33.8 50.8#

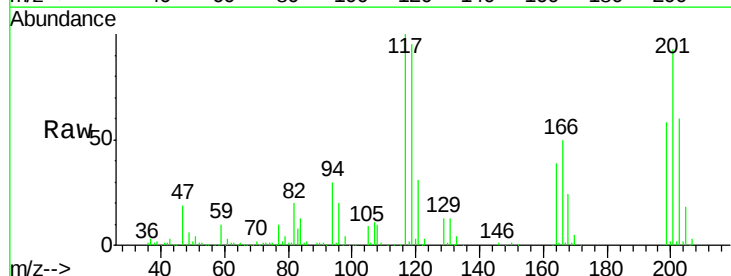


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

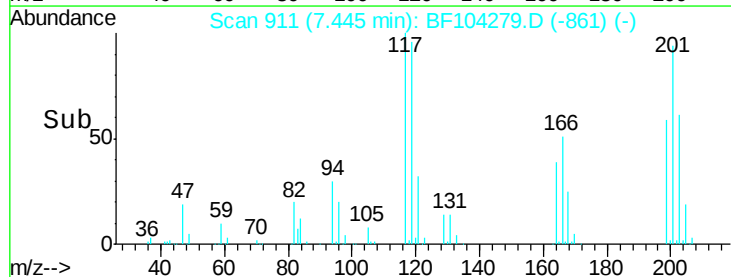
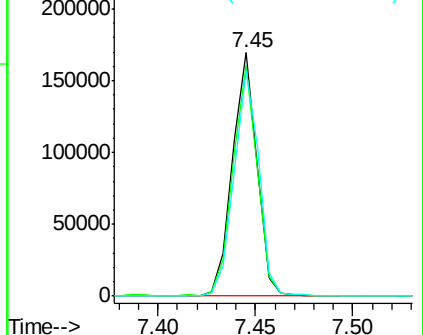


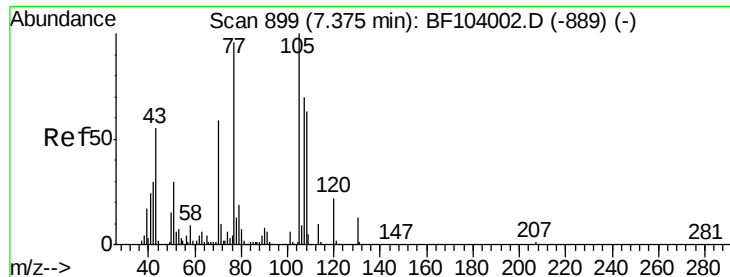
#18
Hexachloroethane
Concen: 45.539 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:117 Resp: 147923
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 92.7 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: 50.117 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

Tot Ion: 70 Resp: 268695

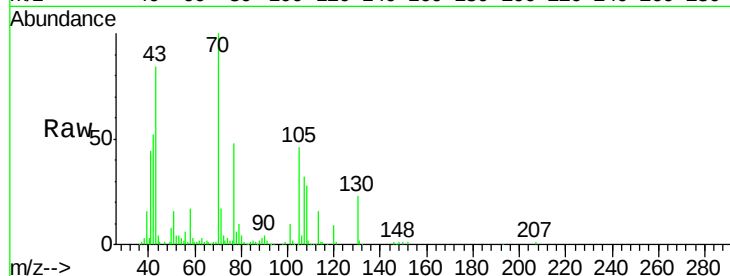
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 10.0 7.4 11.2

130 22.6 16.6 25.0

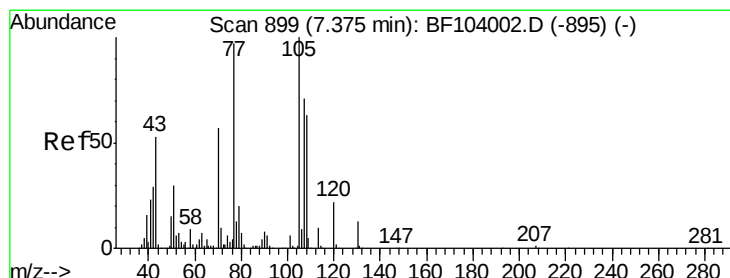
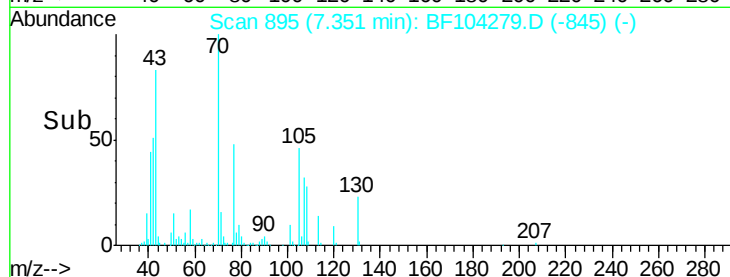
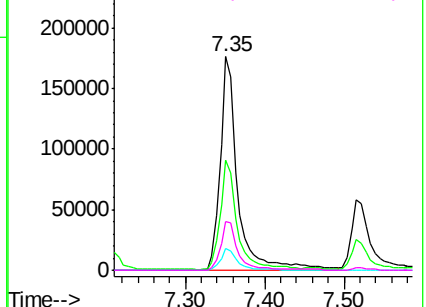


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 49.558 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Tgt Ion: 107 Resp: 414646

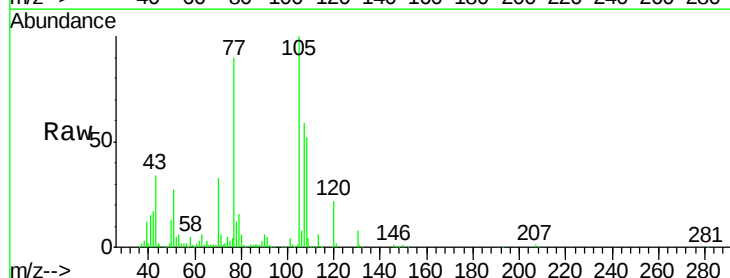
Ion Ratio Lower Upper

107 100

108 89.0 68.2 108.2

77 152.9 26.7 66.7#

79 28.1 6.3 46.3

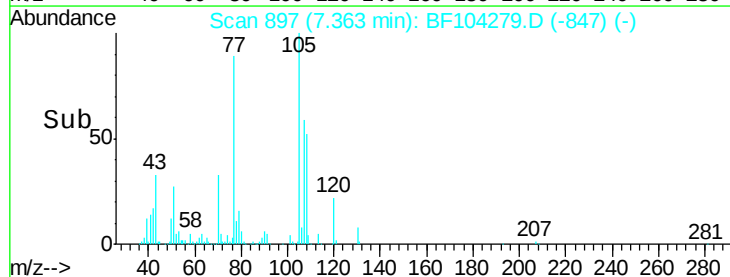
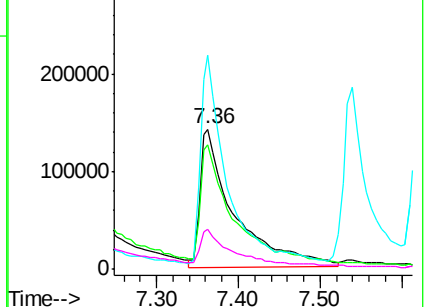


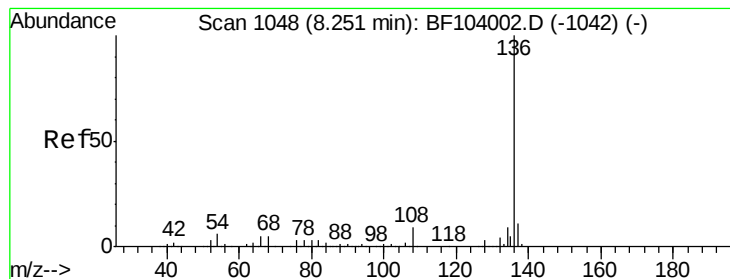
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

Tot Ion:136 Resp: 494882

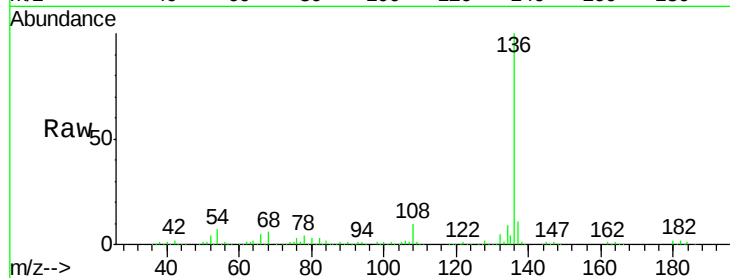
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

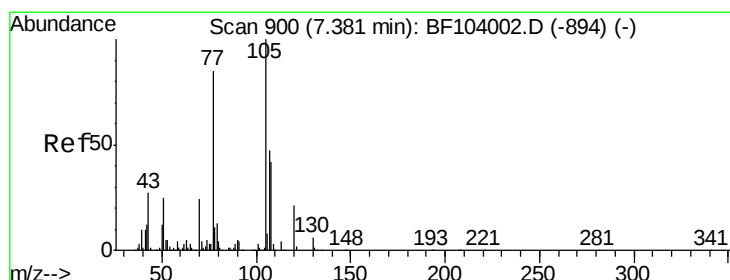
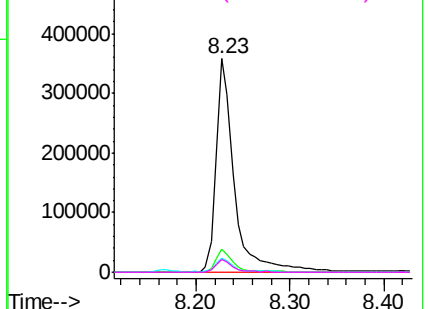
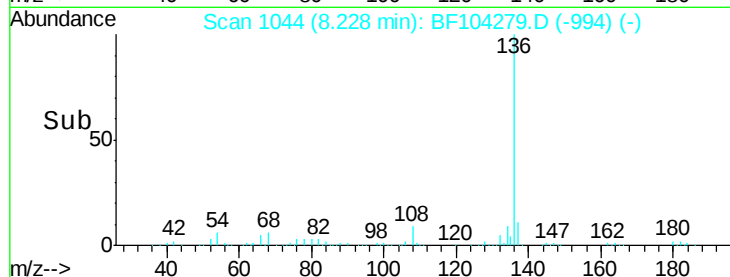


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.853 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Tgt Ion:105 Resp: 561000

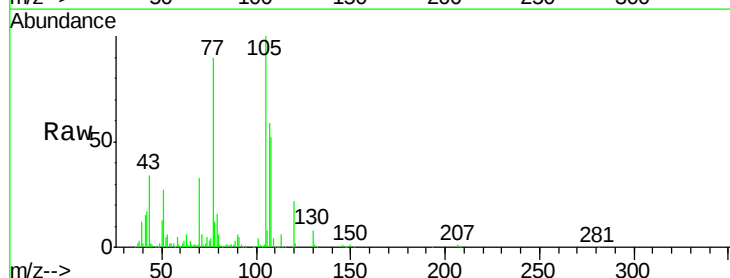
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 27.3 22.3 33.5

120 22.2 16.9 25.3

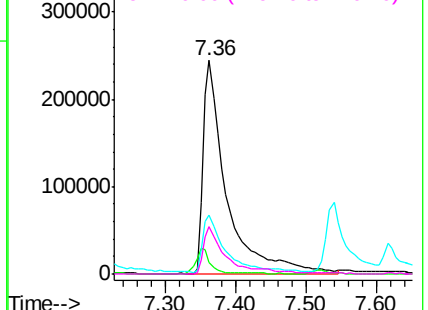
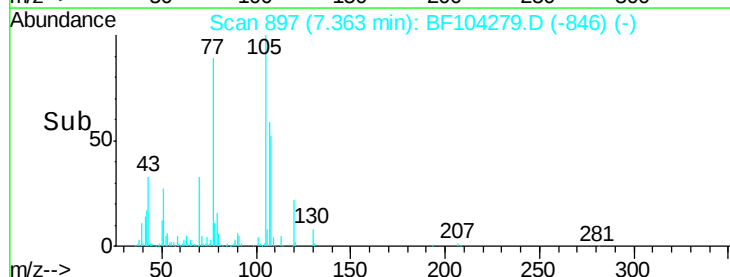


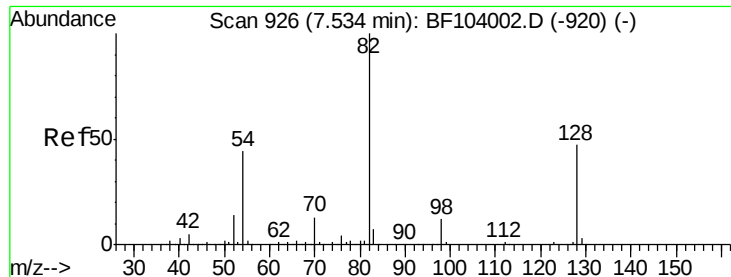
Abundance Ion 105.00 (104.70 to 105.70): E

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

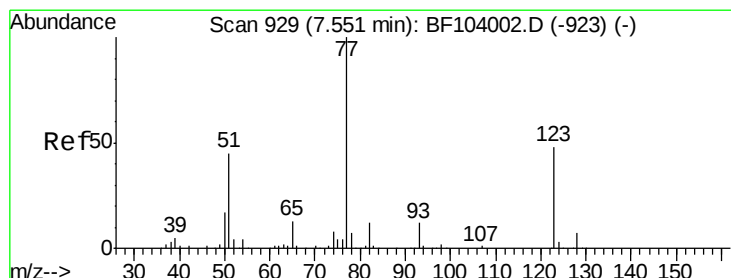
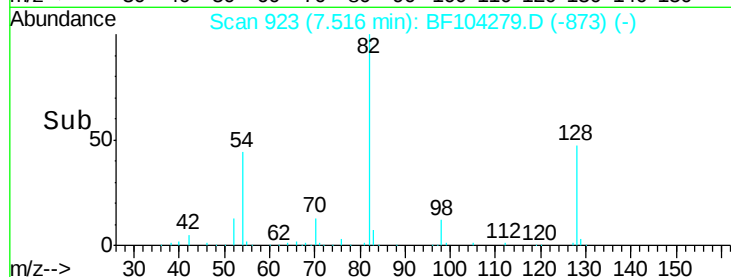
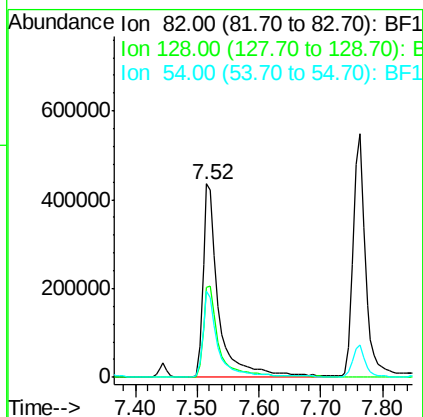
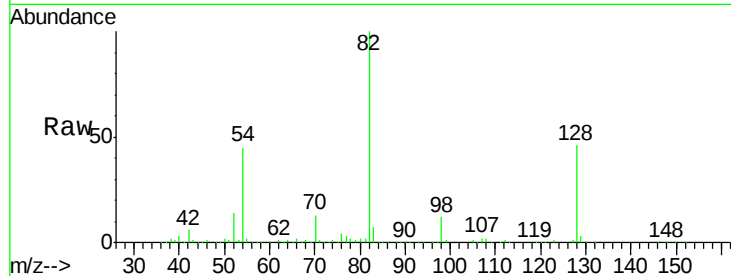




#23
Nitrobenzene-d5
Concen: 96.379 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

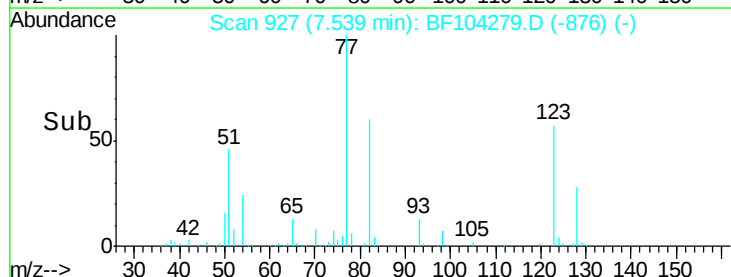
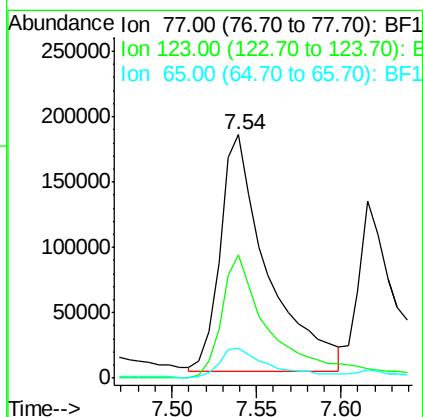
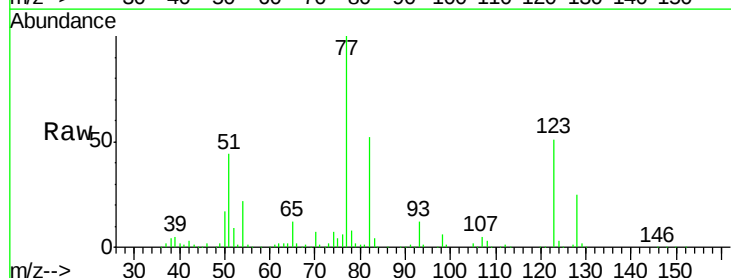
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

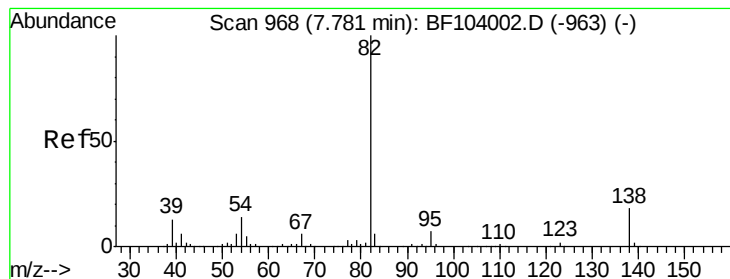
Tot Ion: 82 Resp: 779919
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 44.7 41.4 62.2



#24
Nitrobenzene
Concen: 41.544 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion: 77 Resp: 353722
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 12.5 11.0 16.4





#25

Isophorone

Concen: 51.466 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

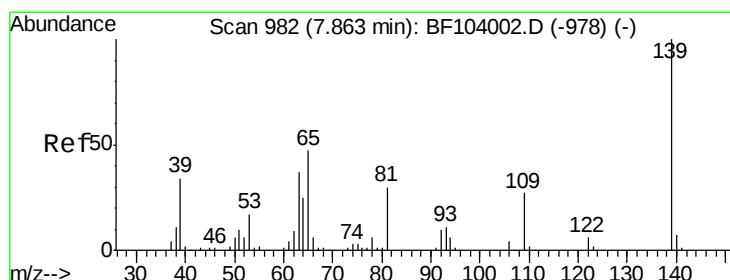
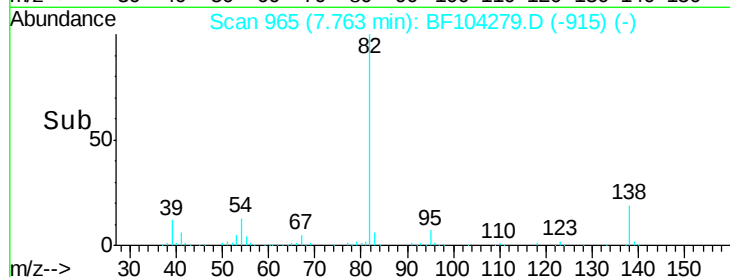
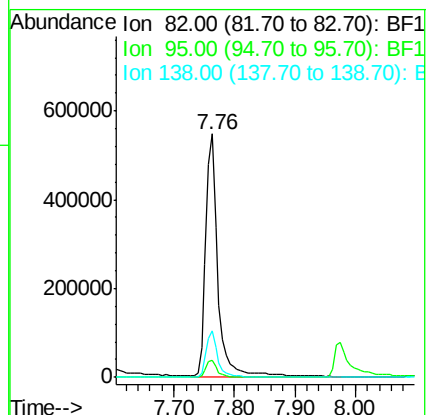
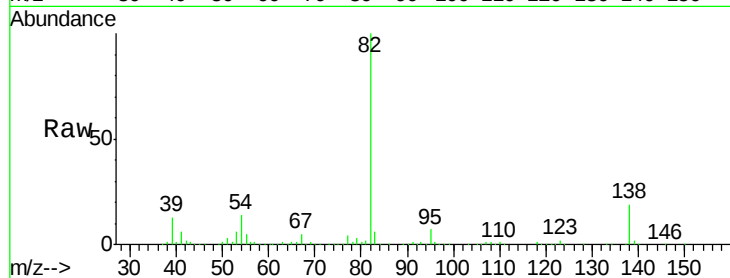
Tot Ion: 82 Resp: 767514

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 51.802 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

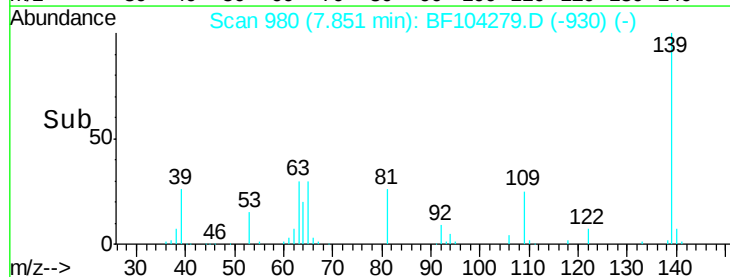
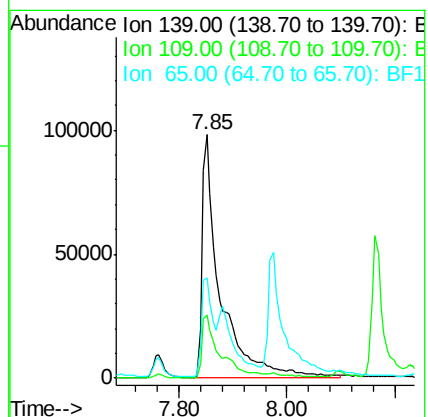
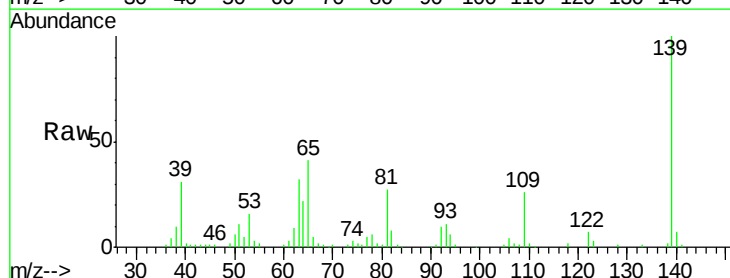
Tgt Ion: 139 Resp: 230227

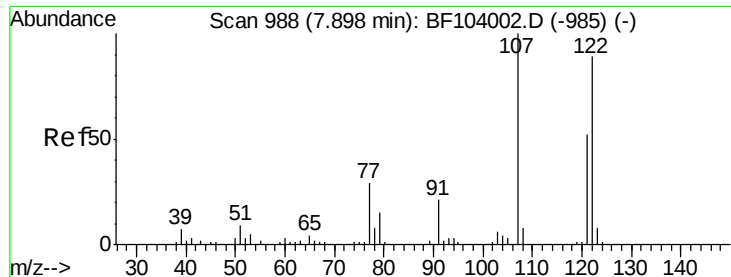
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 41.2 40.5 60.7

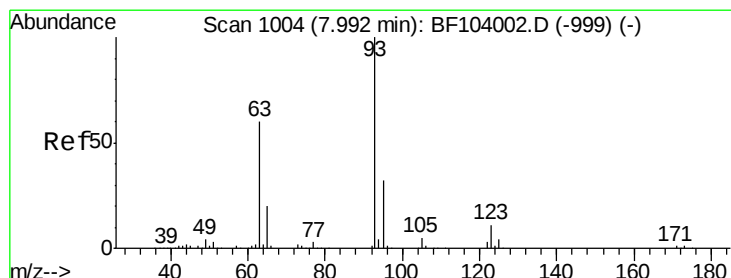
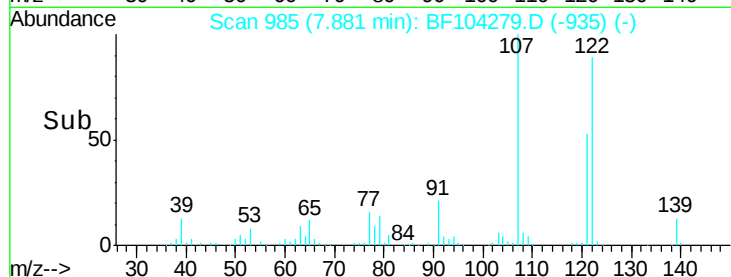
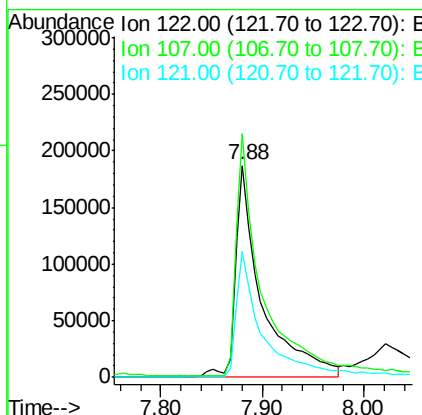
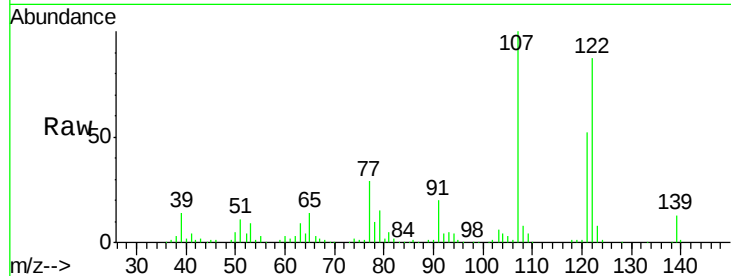




#27
 2,4-Dimethylphenol
 Concen: 53.041 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

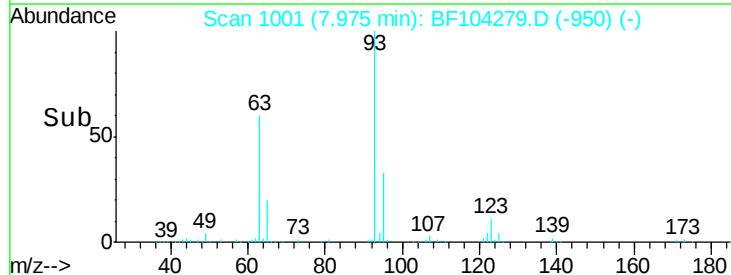
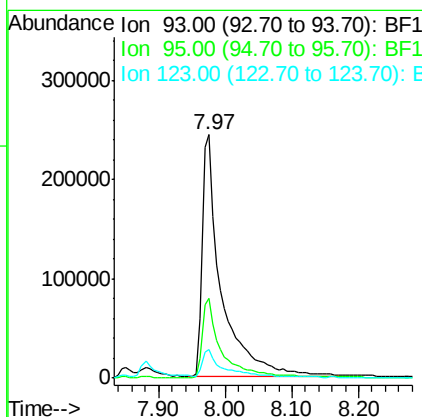
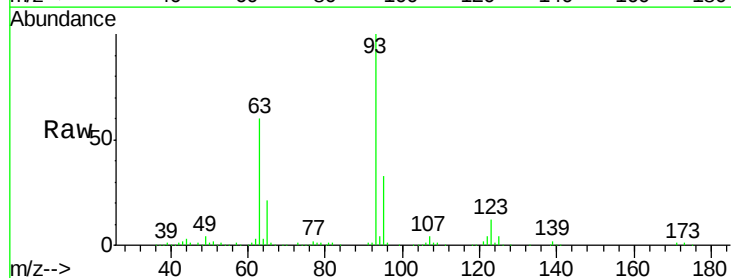
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Tot Ion:122 Resp: 339981
 Ion Ratio Lower Upper
 122 100
 107 114.7 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.122 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion: 93 Resp: 477830
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 12.0 9.8 14.6

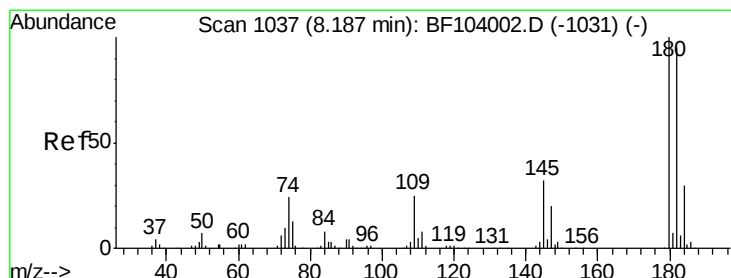
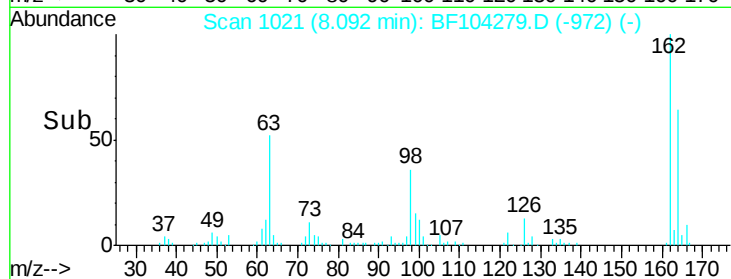
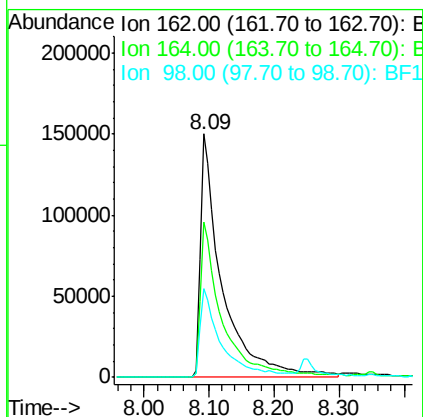
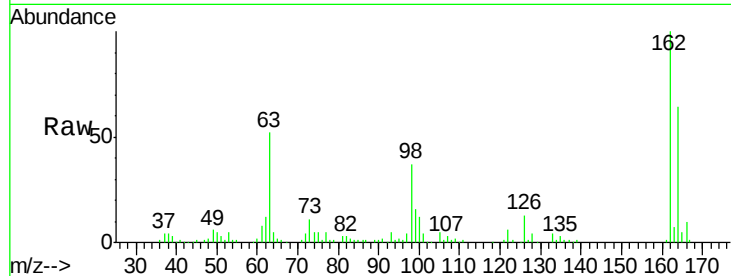




#29
 2,4-Dichlorophenol
 Concen: 51.636 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

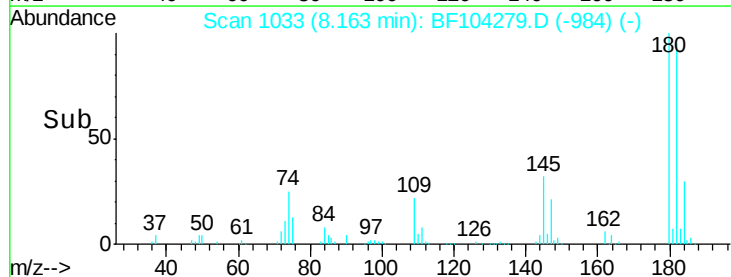
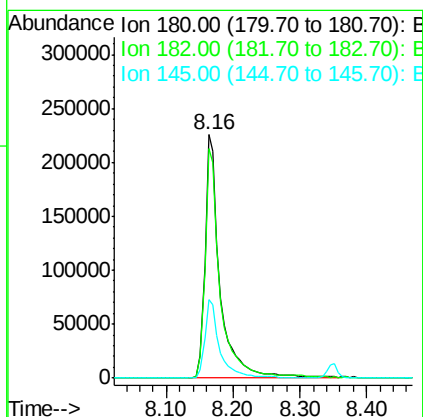
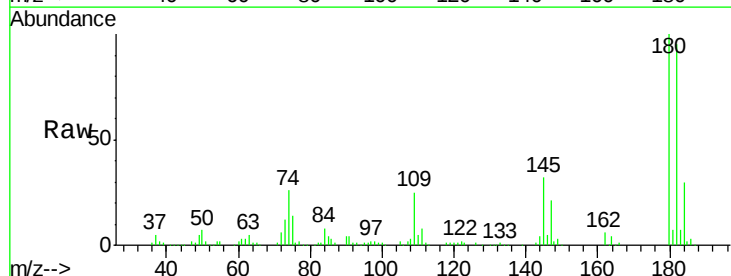
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

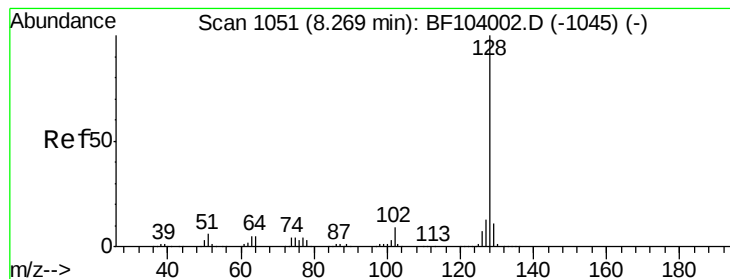
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	36.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.416 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 50.774 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

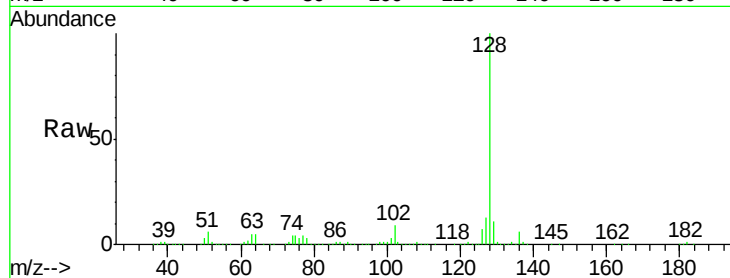
Tot Ion:128 Resp: 1227537

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

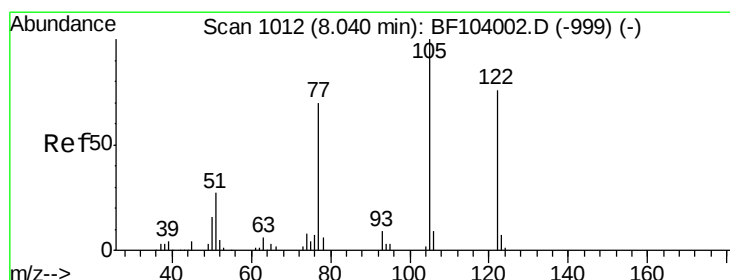
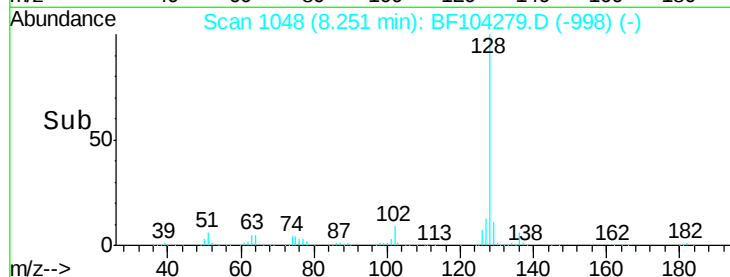
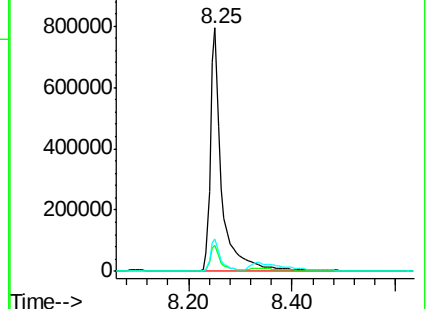
127 13.3 10.9 16.3



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: 25.008 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

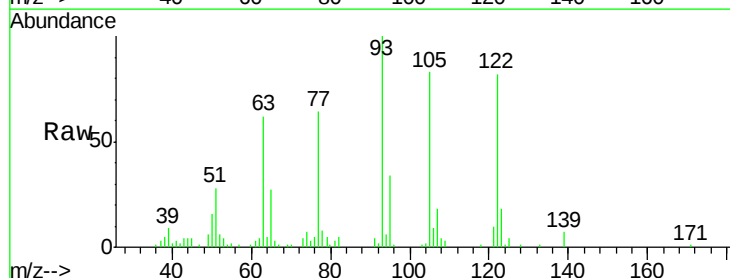
Tgt Ion:122 Resp: 117425

Ion Ratio Lower Upper

122 100

105 101.3 101.1 141.1

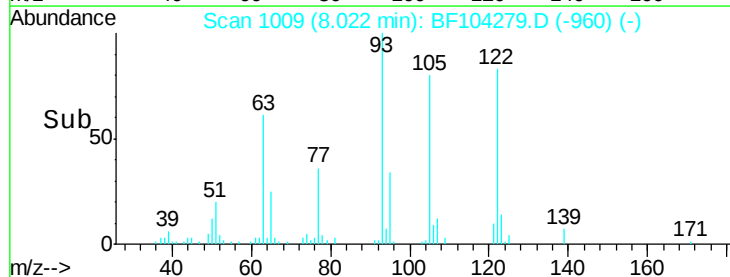
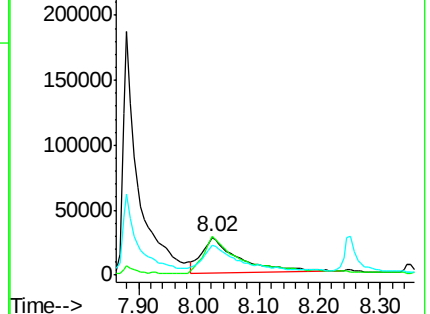
77 78.0 70.7 110.7

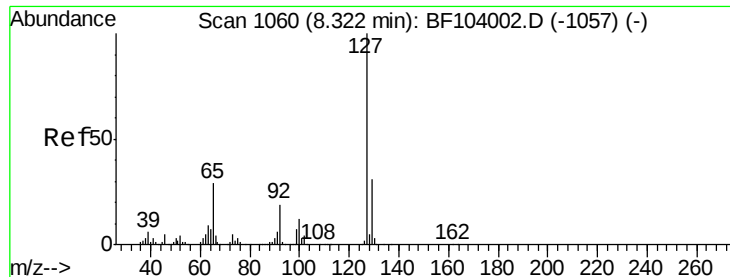


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

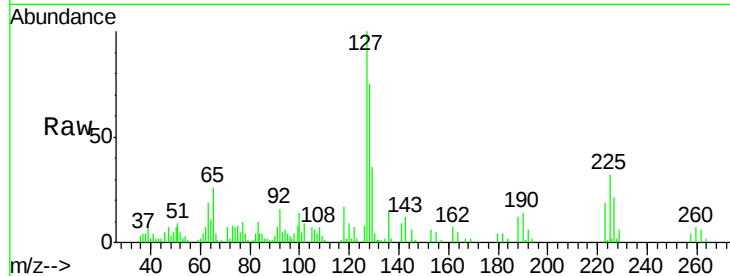




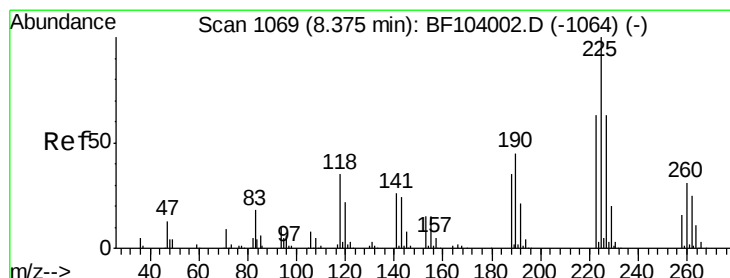
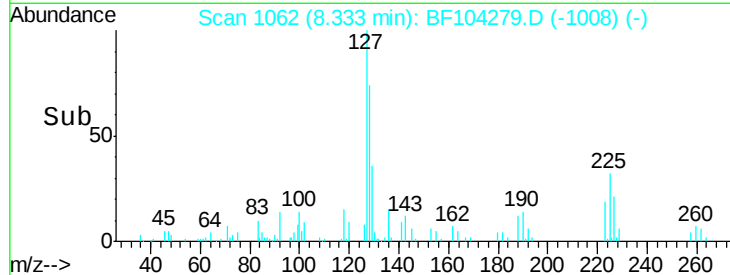
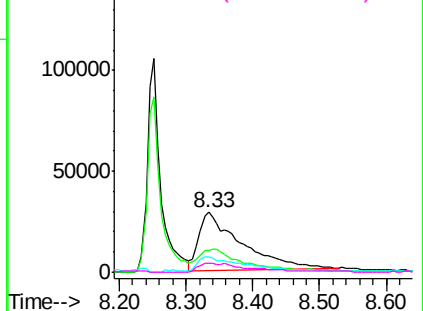
#33
4-Chloroaniline
Concen: 12.345 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:	127	Resp:	125833
Ion	Ratio	Lower	Upper
127	100		
129	36.5	25.9	38.9
65	26.2	25.0	37.4
92	16.1	15.2	22.8

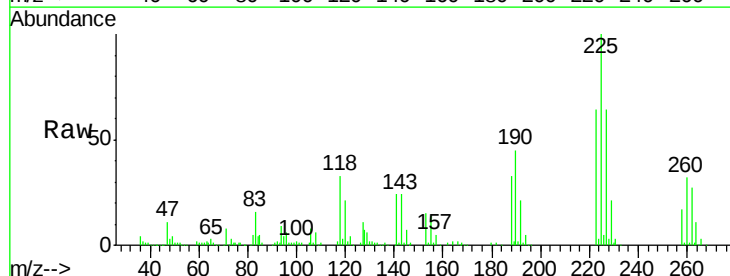


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

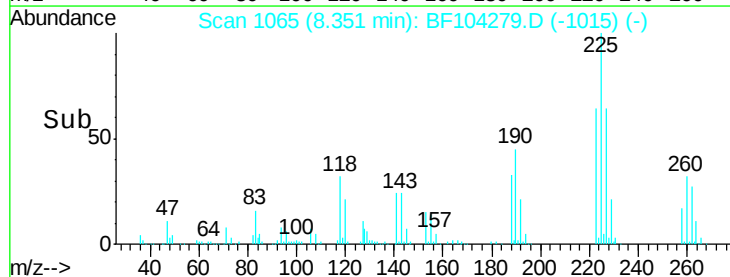
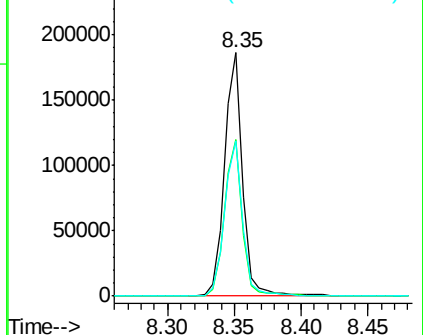


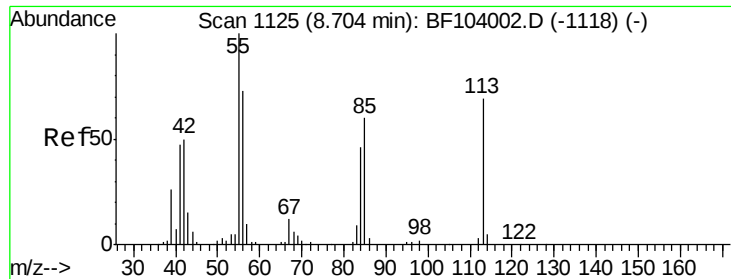
#34
Hexachlorobutadiene
Concen: 43.233 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:	225	Resp:	178712
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	63.7	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

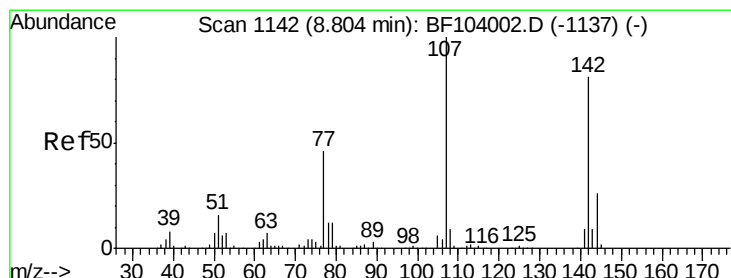
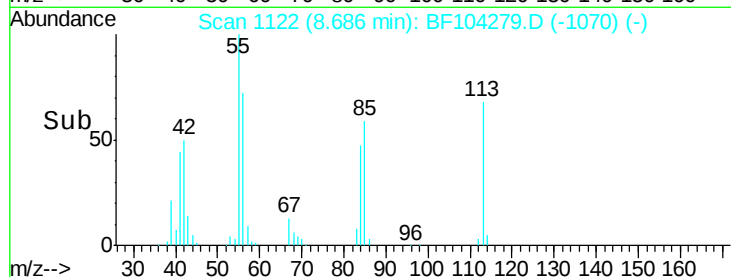
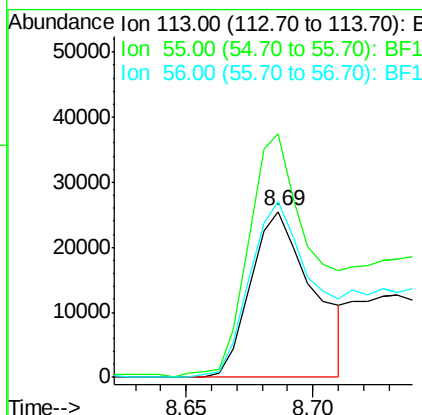
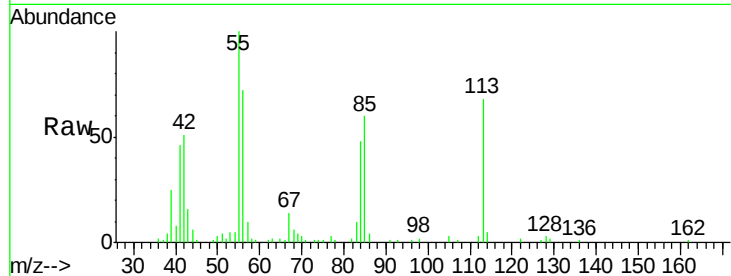




#35
 Caprolactam
 Concen: 20.540 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

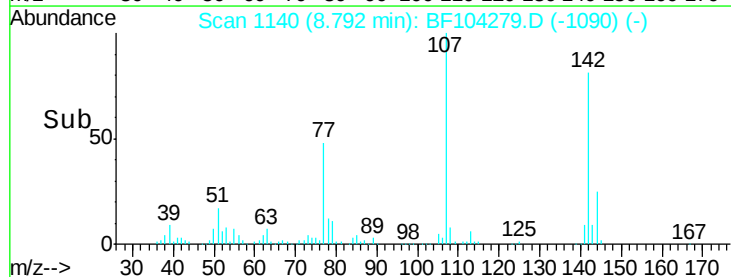
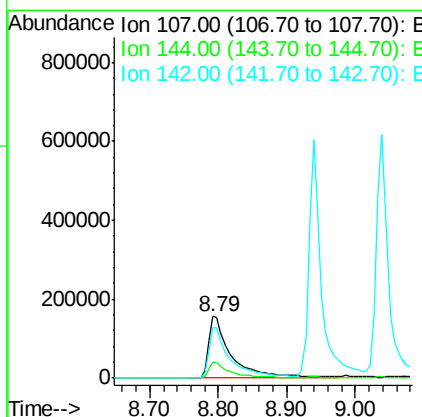
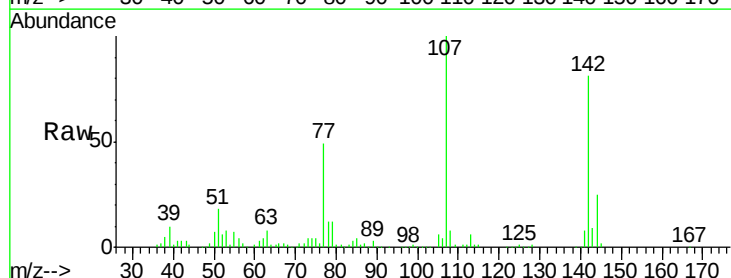
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

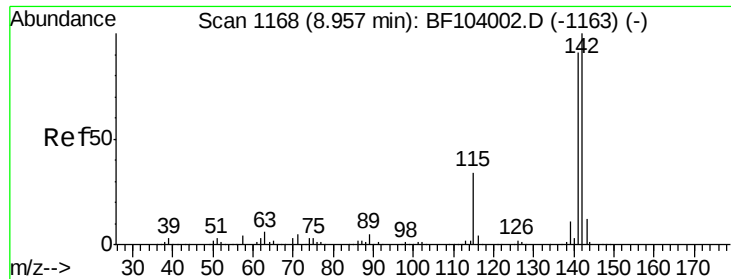
Tot Ion:113 Resp: 43604
 Ion Ratio Lower Upper
 113 100
 55 146.6 163.3 203.3#
 56 106.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 51.308 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:107 Resp: 363332
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 80.6 62.0 93.0

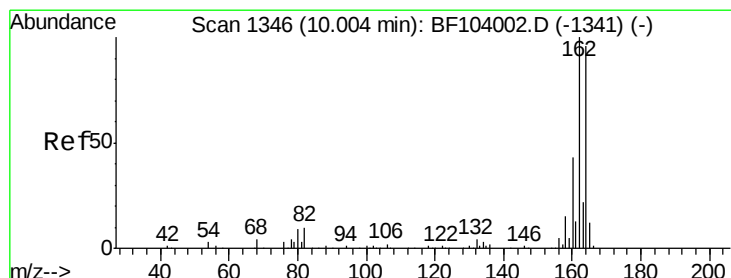
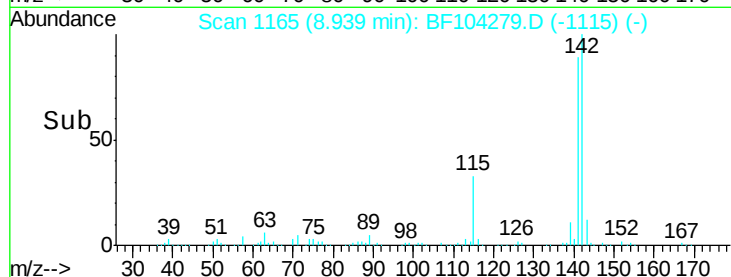
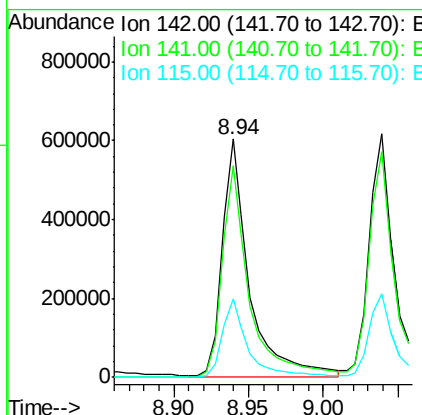
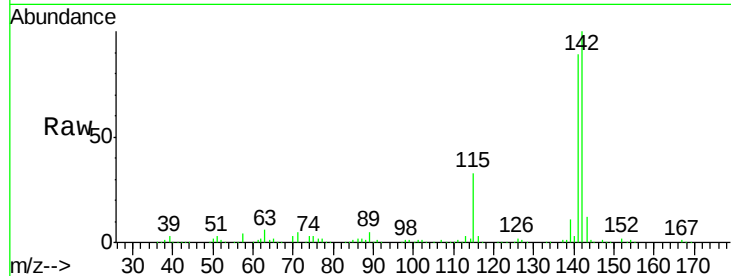




#37
2-Methylnaphthalene
Concen: 48.150 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

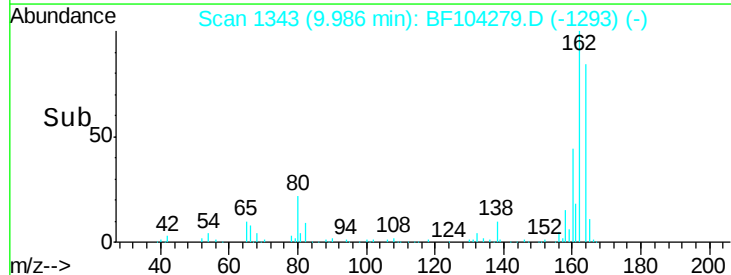
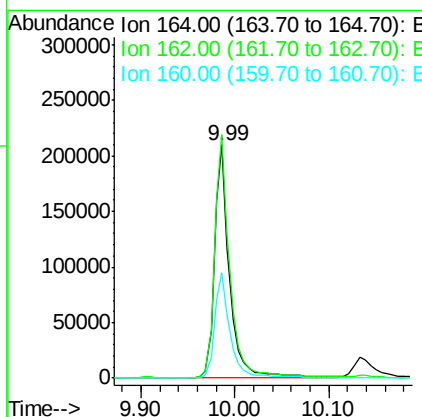
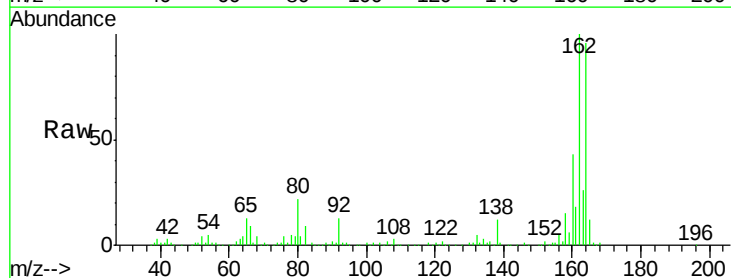
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

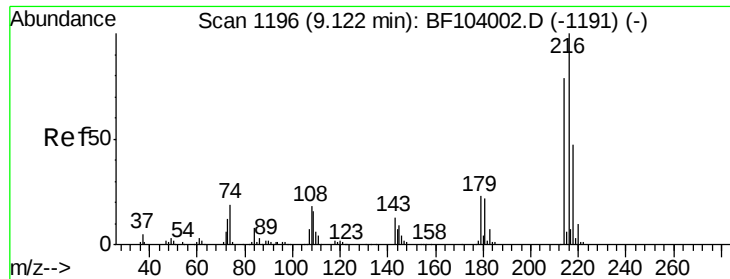
Tot Ion:	142	Resp:	766812
Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.0	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:	164	Resp:	239275
Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.2	38.3	57.5

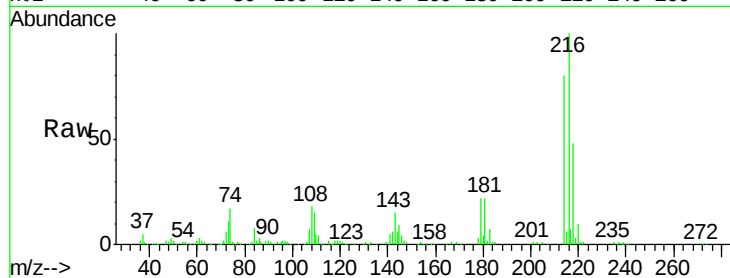




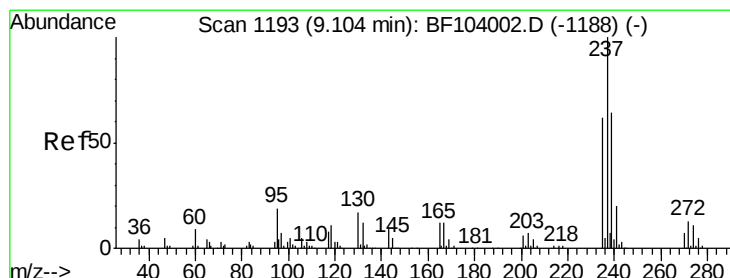
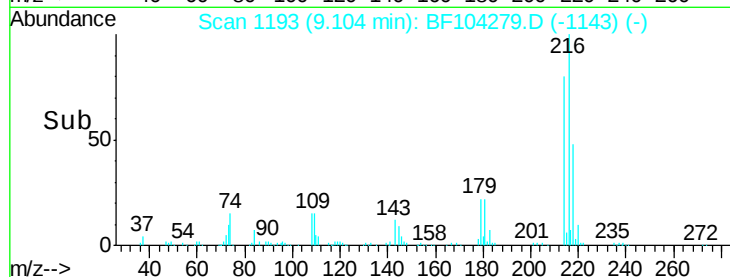
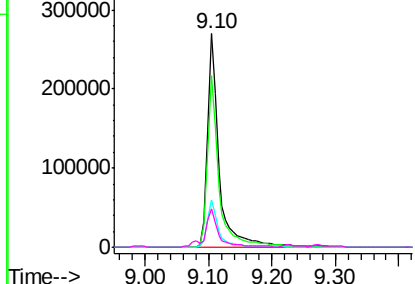
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.754 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Tot Ion:216	Resp:	350395
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.0 94.4
179	21.4	18.1 27.1
108	18.7	17.2 25.8

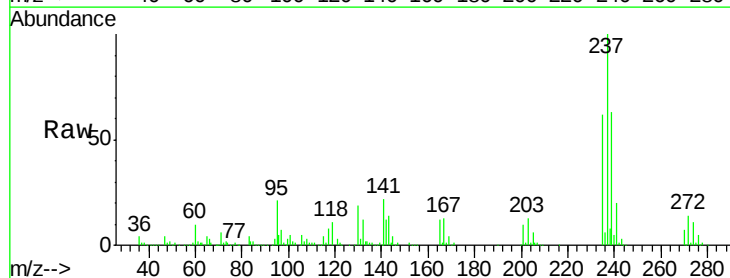


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

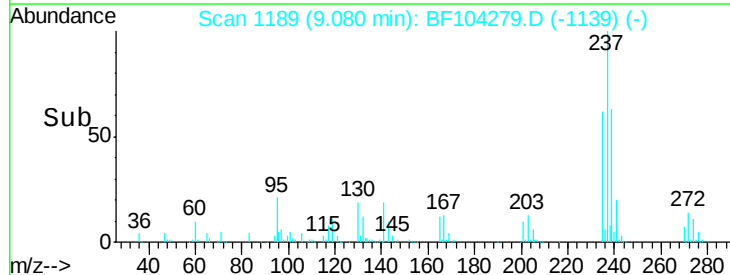
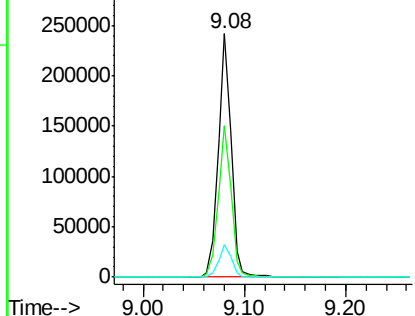


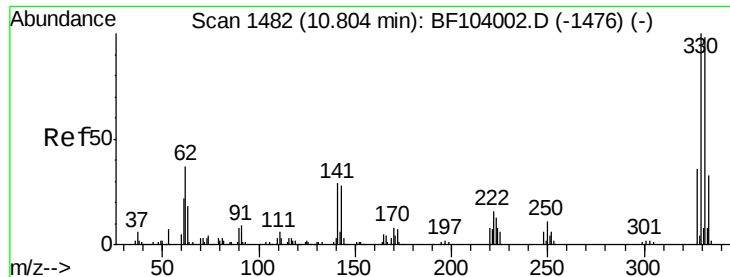
#40
 Hexachlorocyclopentadiene
 Concen: 63.563 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:237	Resp:	215433
Ion Ratio	Lower	Upper
237	100	
235	62.4	44.8 84.8
272	13.6	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: 137.277 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

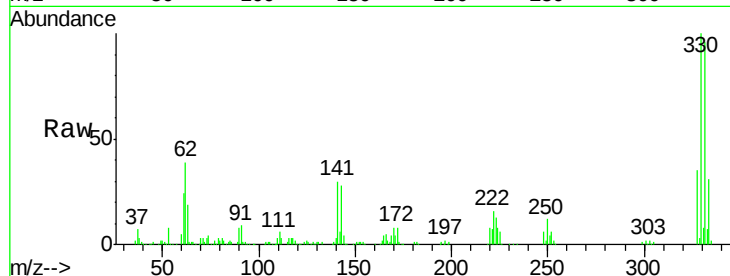
Tot Ion:330 Resp: 365752

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

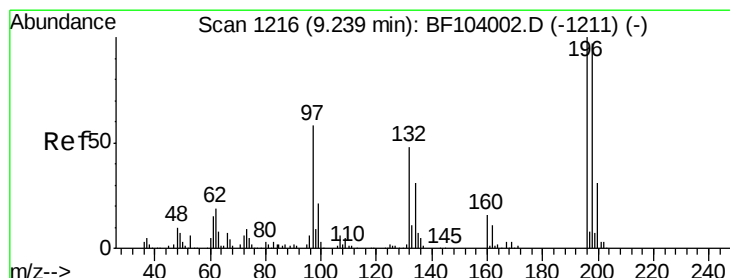
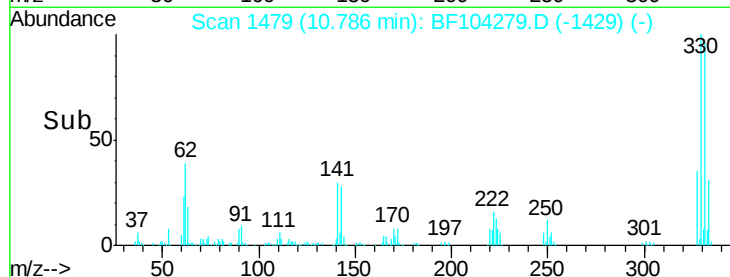
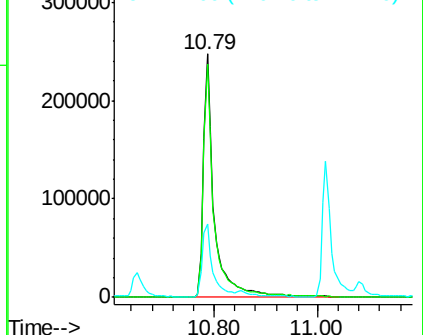
141 27.8 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.822 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

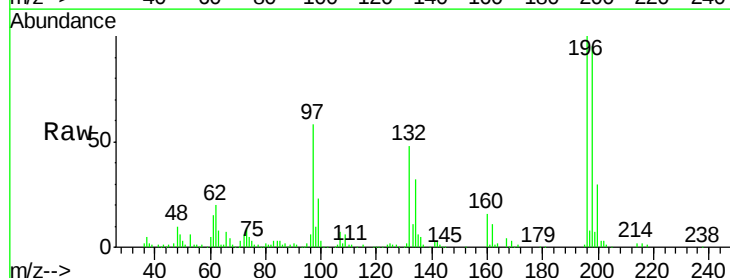
Tgt Ion:196 Resp: 198957

Ion Ratio Lower Upper

196 100

198 94.8 75.7 113.5

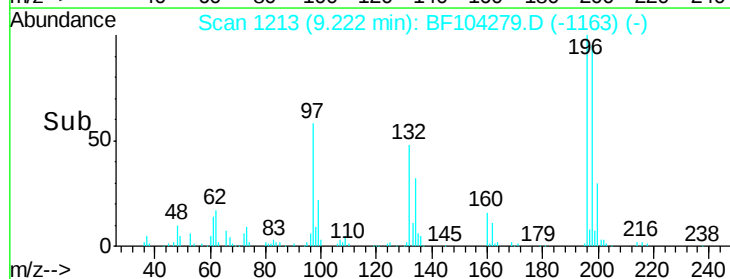
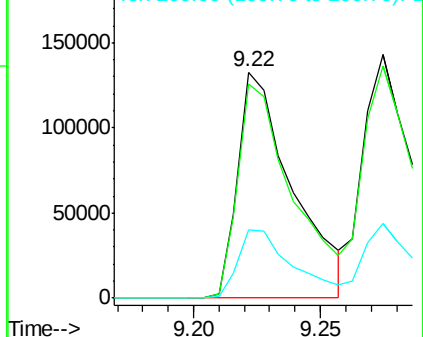
200 30.0 24.5 36.7

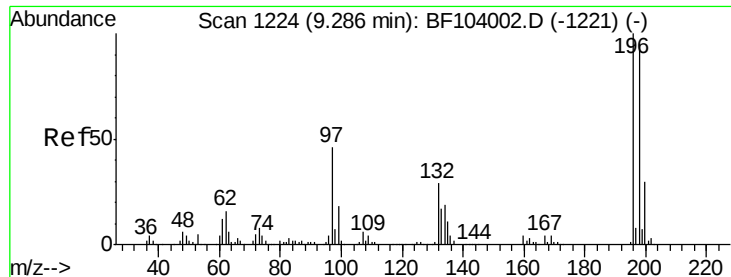


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

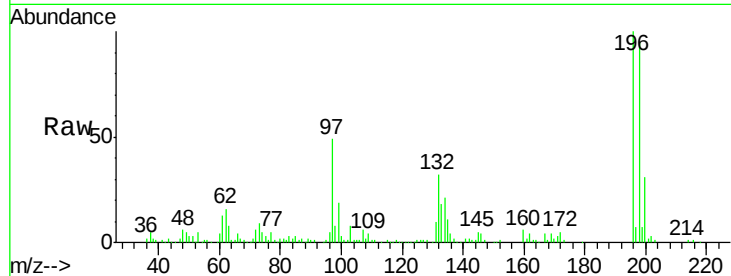




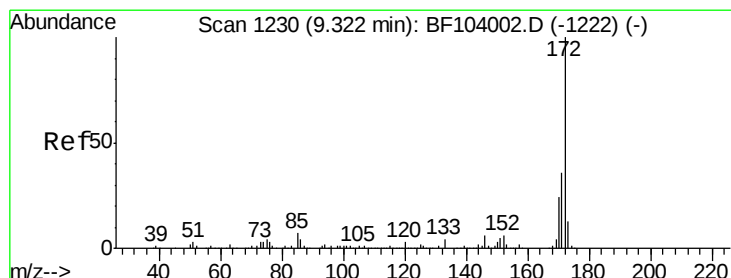
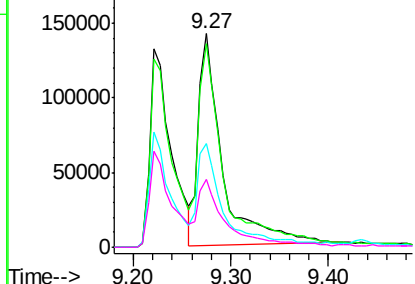
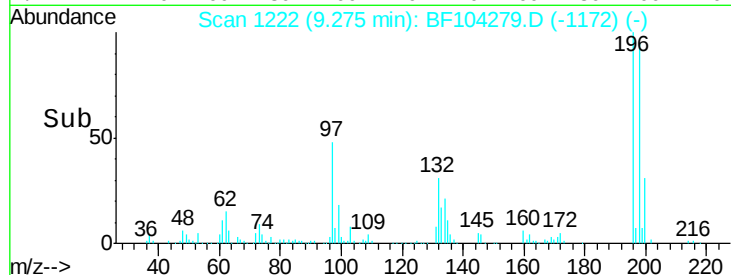
#43
 2,4,5-Trichlorophenol
 Concen: 43.684 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Tot Ion:	196	Resp:	245062
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	48.6	42.9	64.3
132	31.6	26.3	39.5

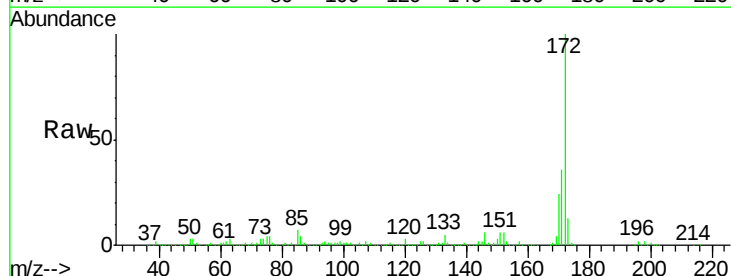


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

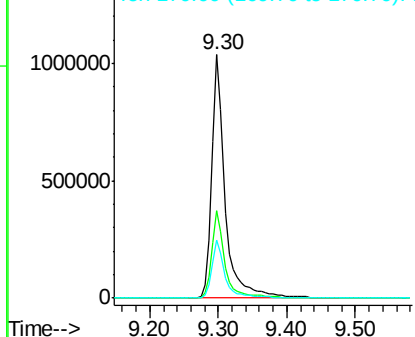
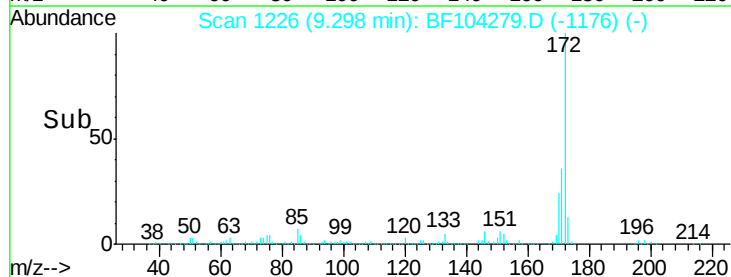


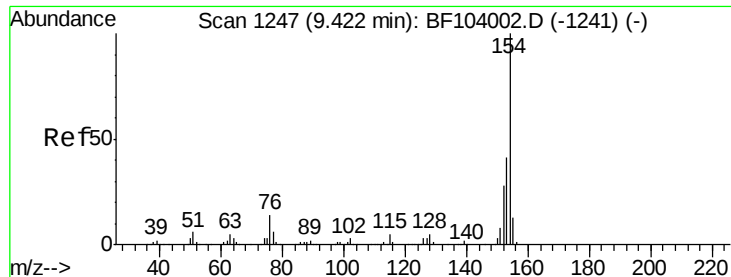
#44
 2-Fluorobiphenyl
 Concen: 92.707 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:	172	Resp:	1406706
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	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: 46.464 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

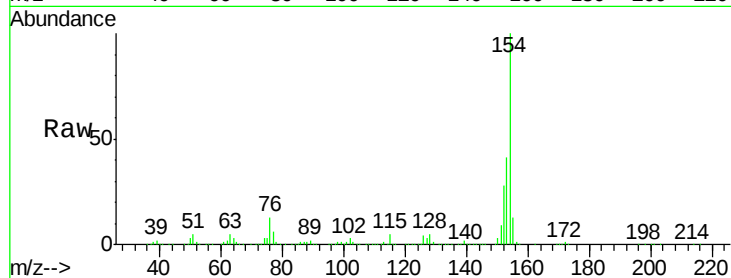
Tot Ion:154 Resp: 954193

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

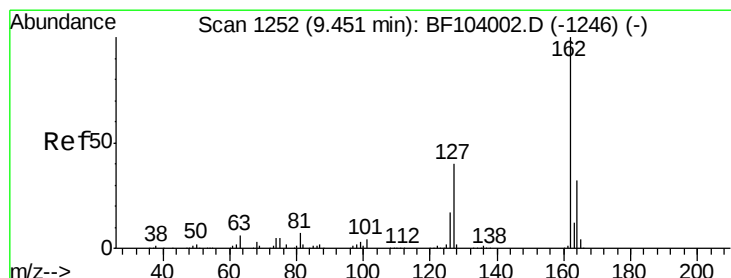
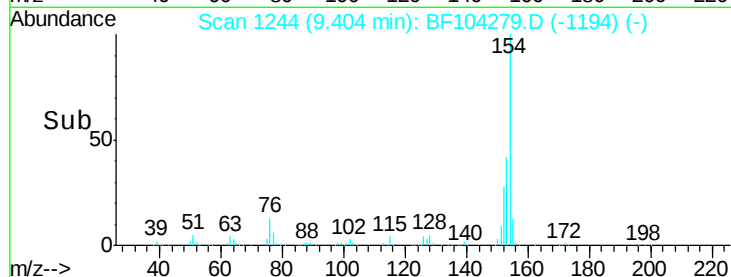
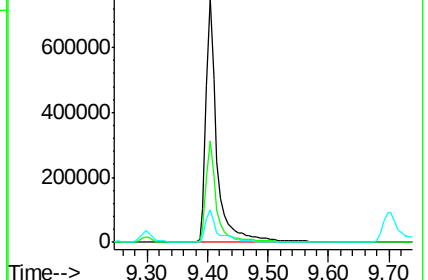
76 13.1 0.0 34.0



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: 46.135 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

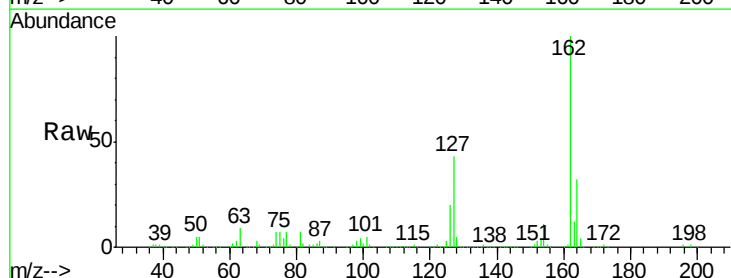
Tgt Ion:162 Resp: 747357

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

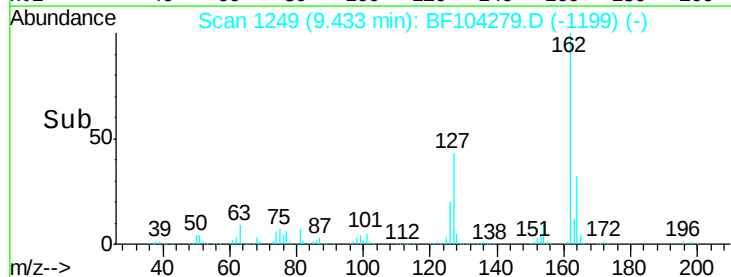
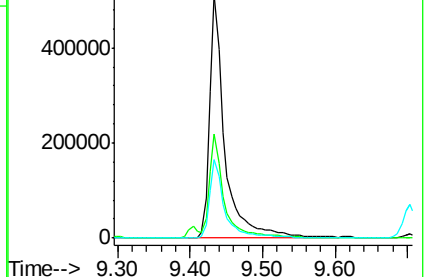
164 32.4 26.5 39.7

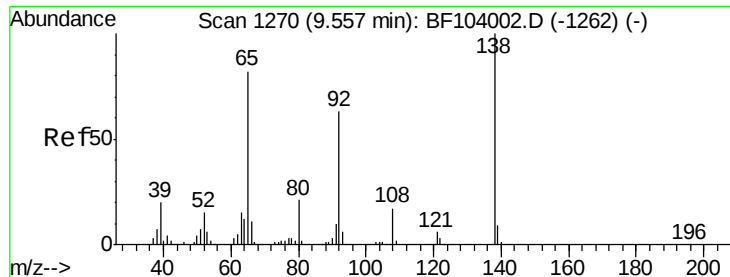


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.050 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

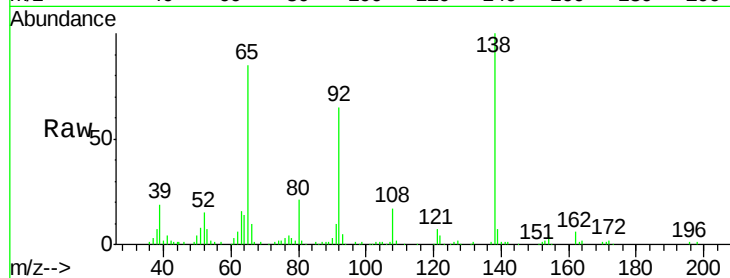
Tot Ion: 65 Resp: 212716

Ion Ratio Lower Upper

65 100

92 76.6 55.8 83.6

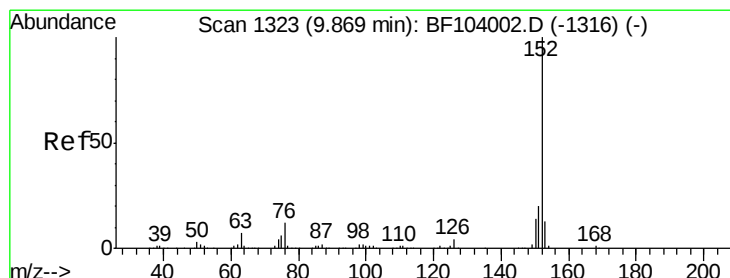
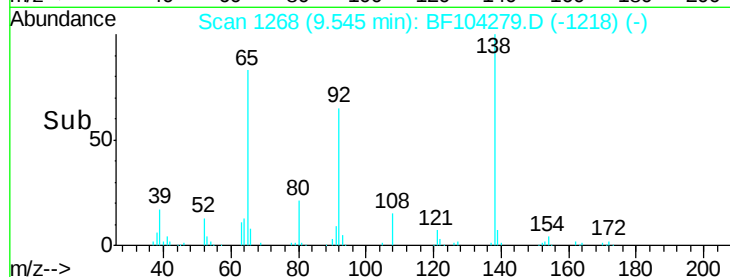
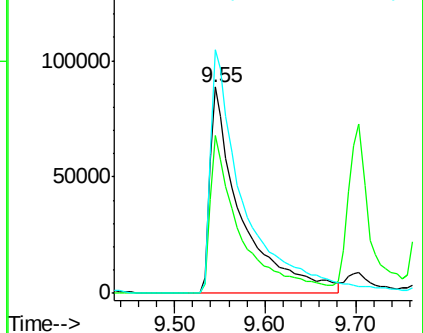
138 118.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 44.255 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

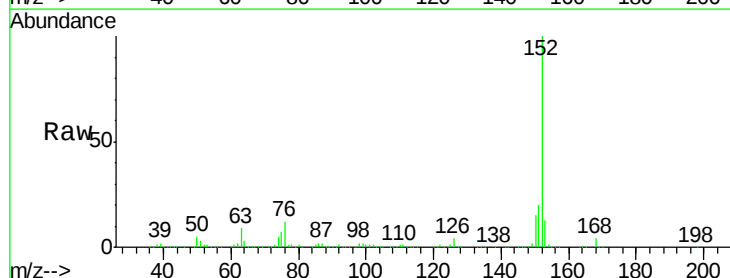
Tgt Ion: 152 Resp: 1086078

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

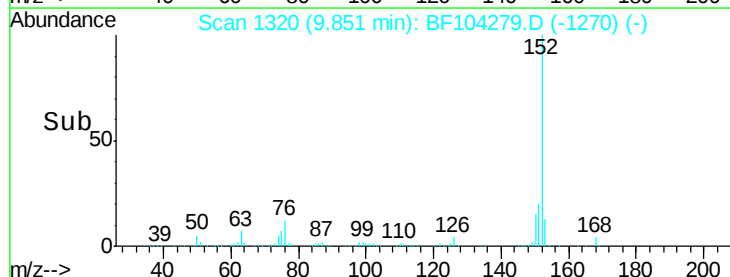
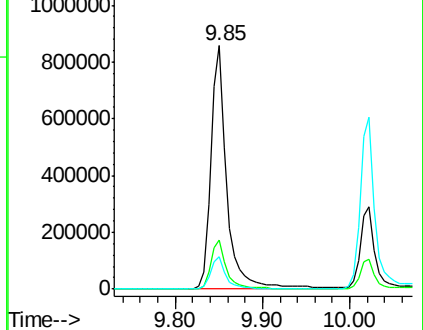
153 13.3 10.7 16.1

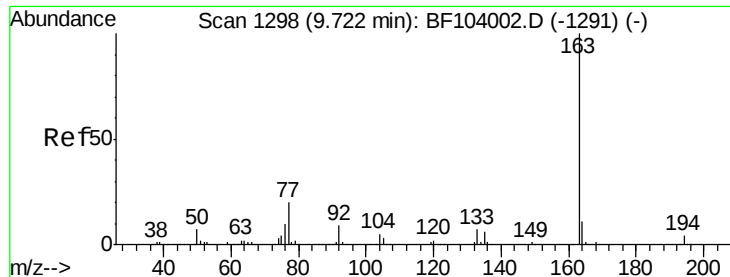


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

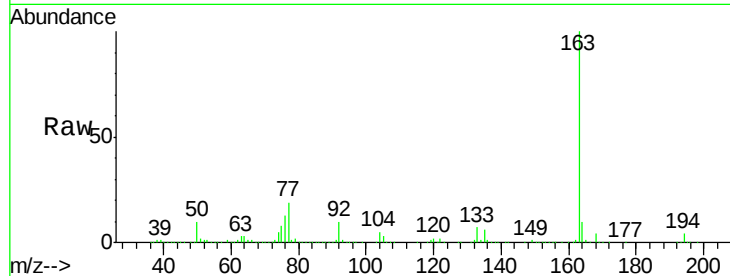




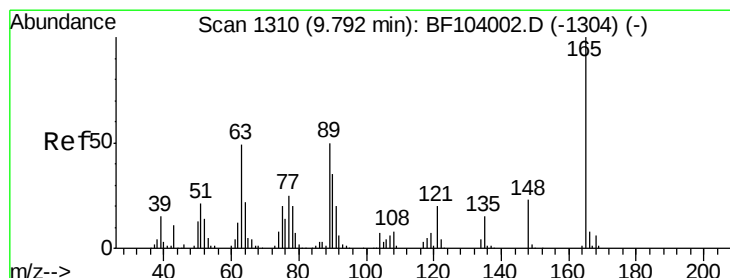
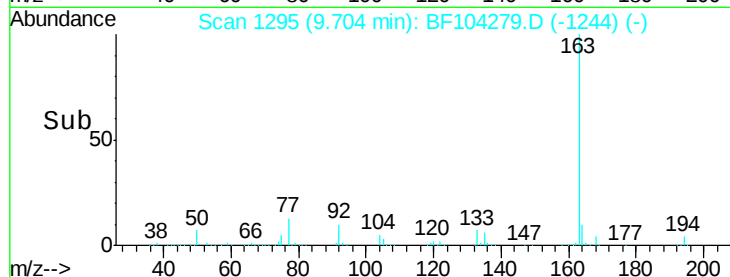
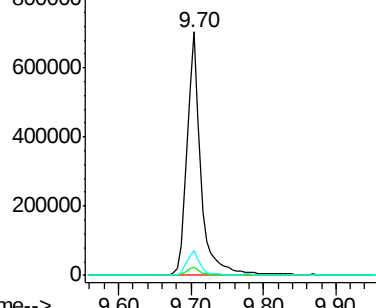
#49
Dimethylphthalate
Concen: 49.876 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:163 Resp: 942227
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

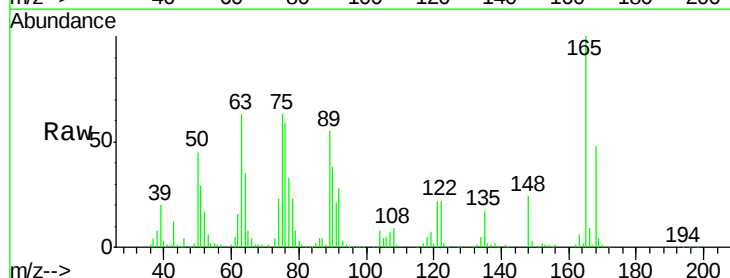


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

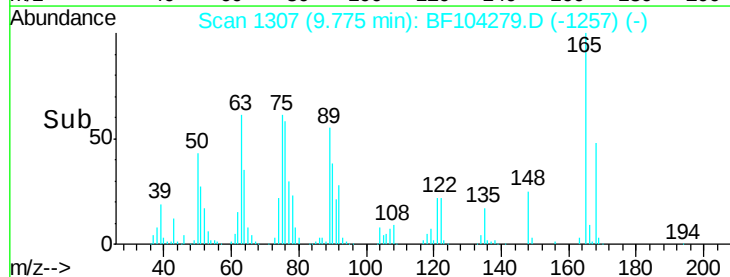
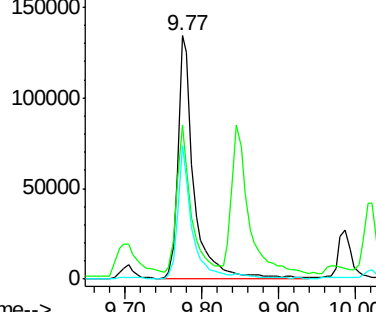


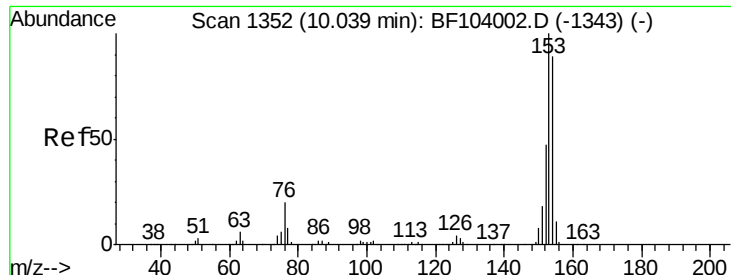
#50
2,6-Dinitrotoluene
Concen: 46.466 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:165 Resp: 188854
Ion Ratio Lower Upper
165 100
63 63.3 44.7 67.1
89 54.9 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: 42.951 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

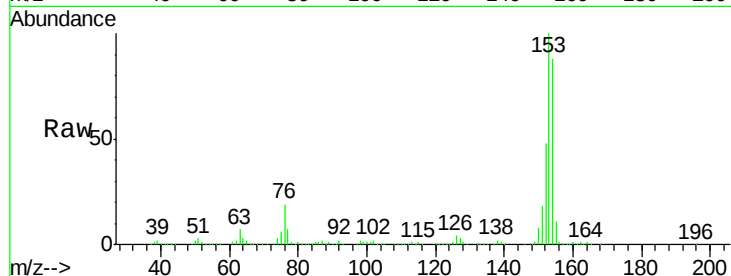
Tot Ion:154 Resp: 609770

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

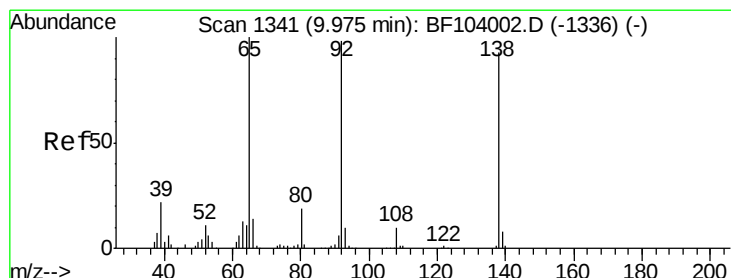
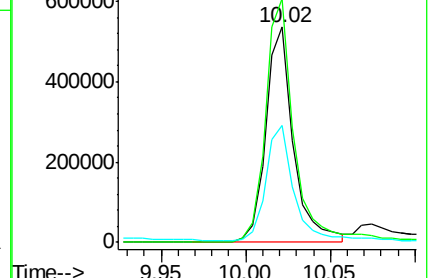
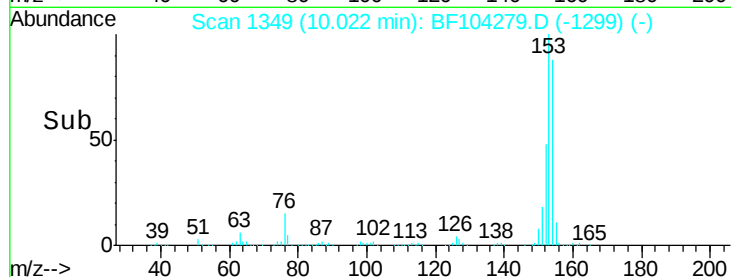
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.162 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

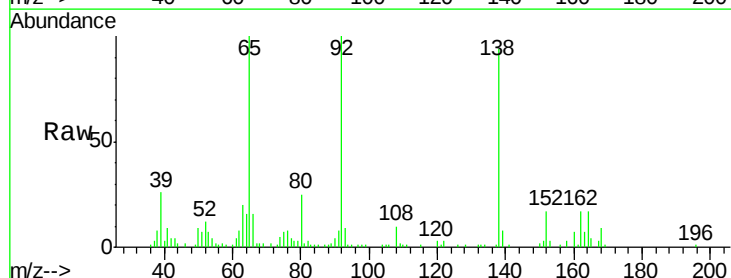
Tgt Ion:138 Resp: 117560

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

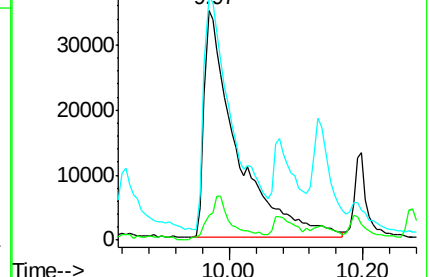
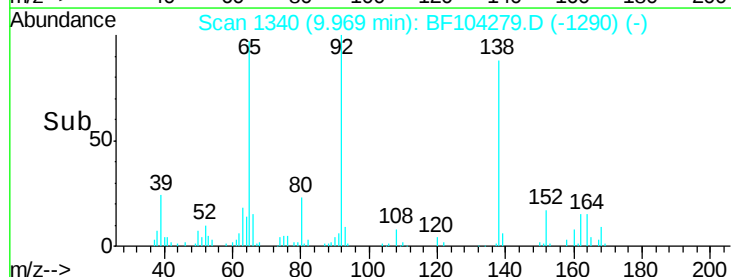
92 106.0 89.4 134.2

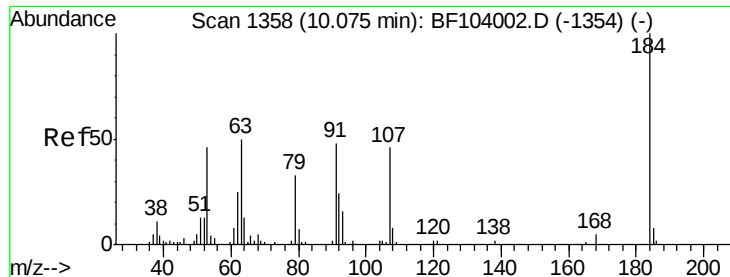


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

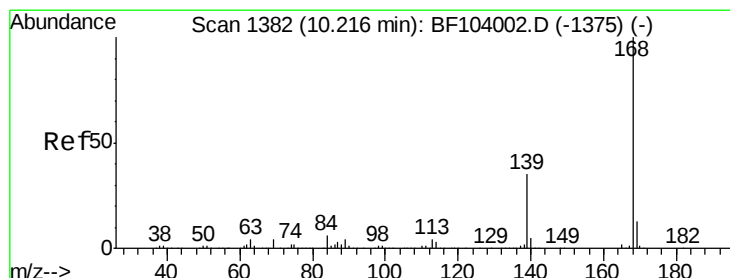
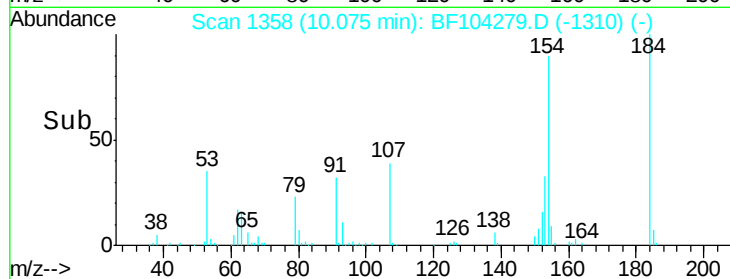
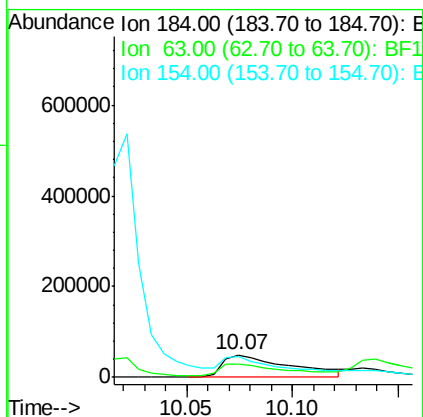
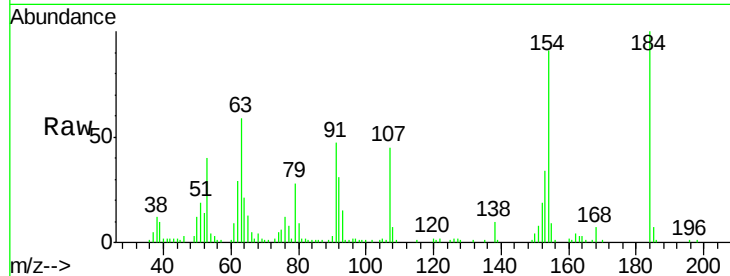




#53
 2,4-Dinitrophenol
 Concen: 61.621 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

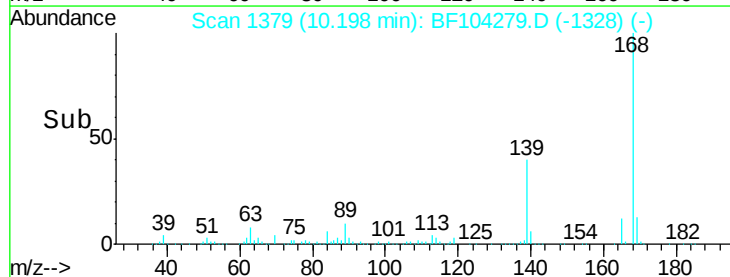
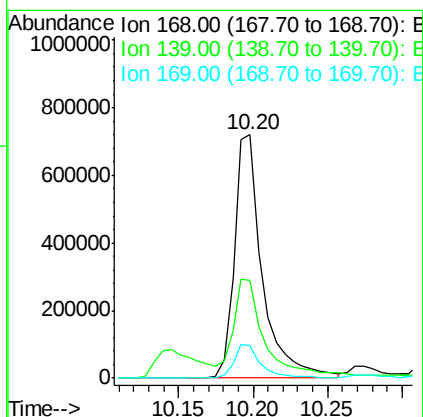
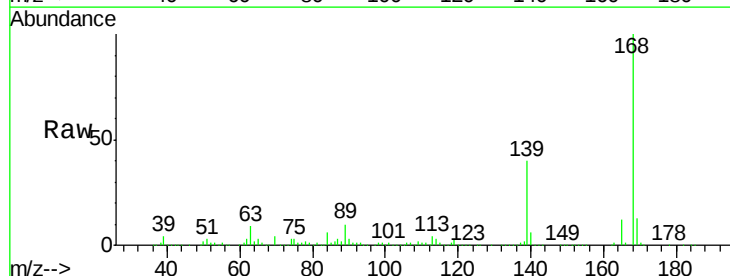
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

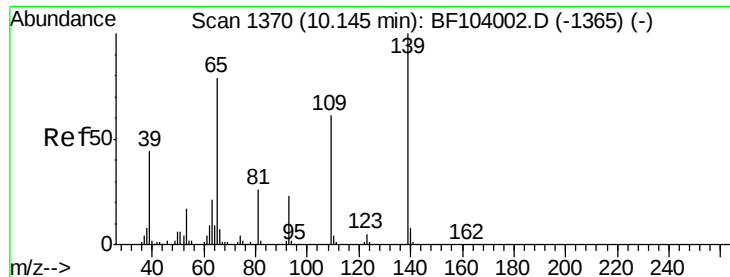
Tot Ion:184 Resp: 106896
 Ion Ratio Lower Upper
 184 100
 63 59.2 54.2 81.2
 154 91.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.269 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:168 Resp: 938518
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.1 45.1
 169 13.3 10.9 16.3

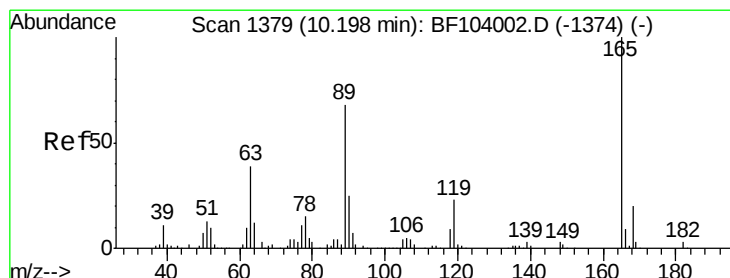
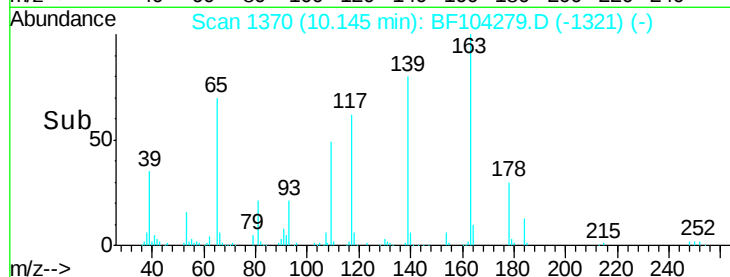
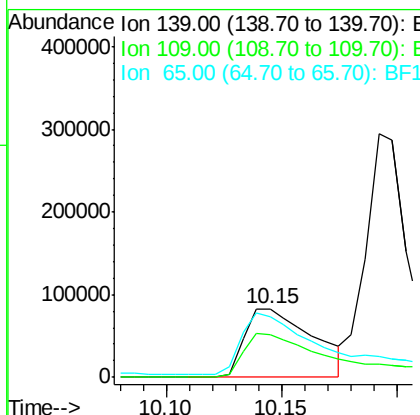
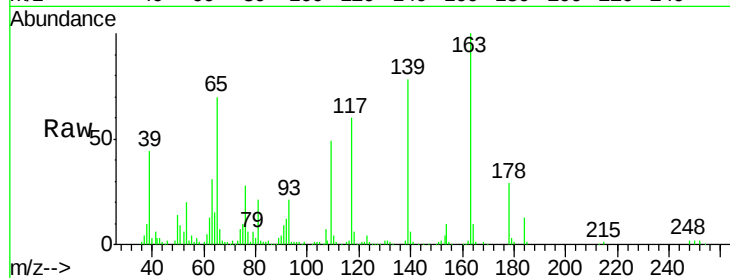




#55
4-Nitrophenol
Concen: 60.388 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

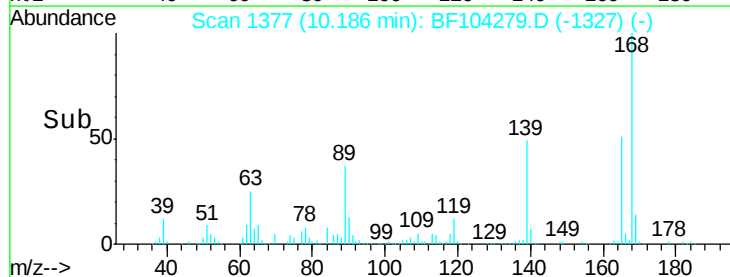
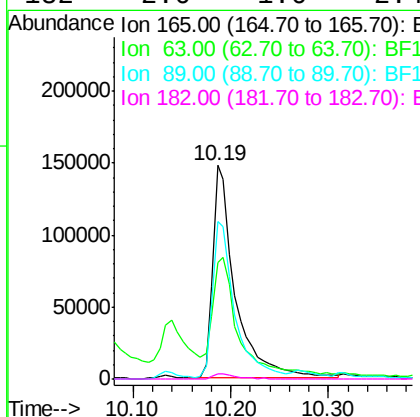
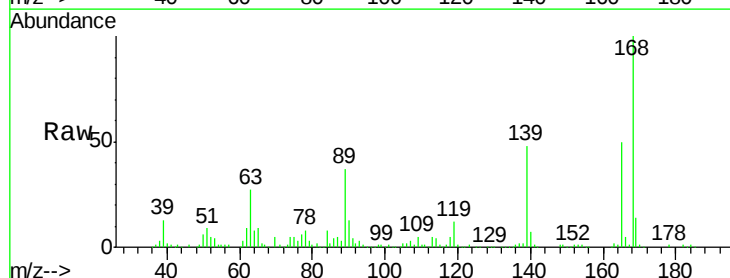
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

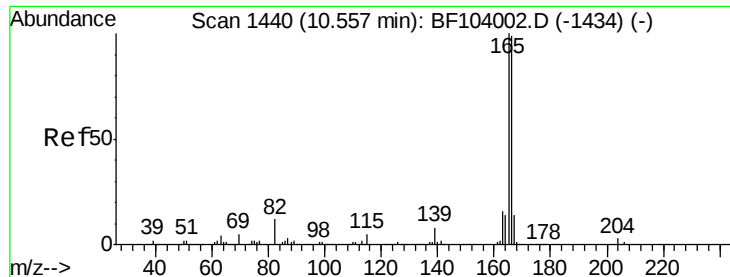
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.9	48.4	88.4
65	89.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.661 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	36.4	54.6#
89	73.4	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 45.113 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

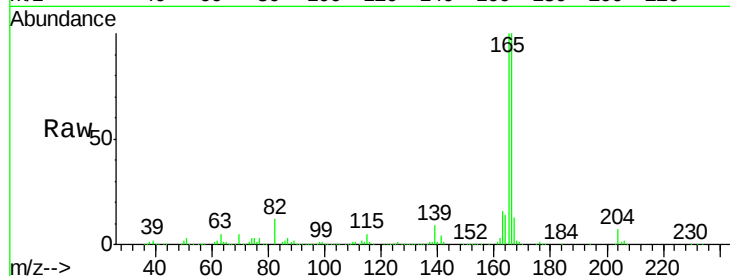
Tot Ion:166 Resp: 771494

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

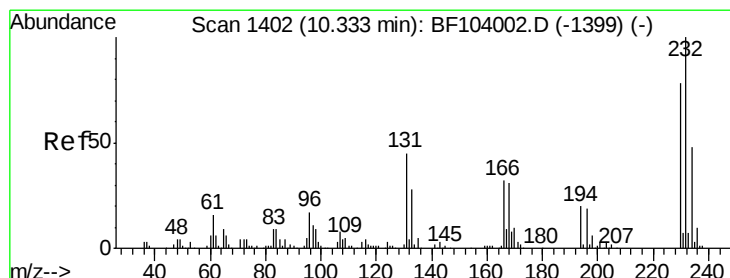
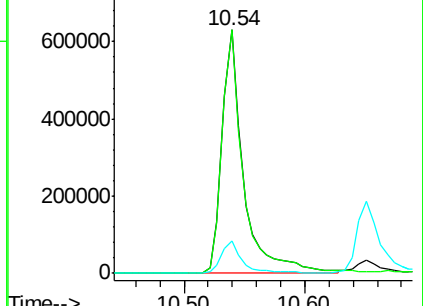
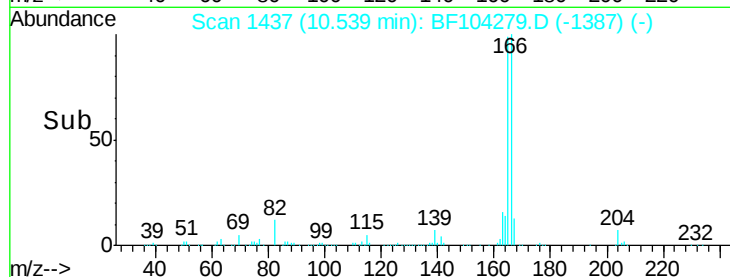
167 13.2 10.6 16.0



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: 51.713 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Tgt Ion:232 Resp: 217351

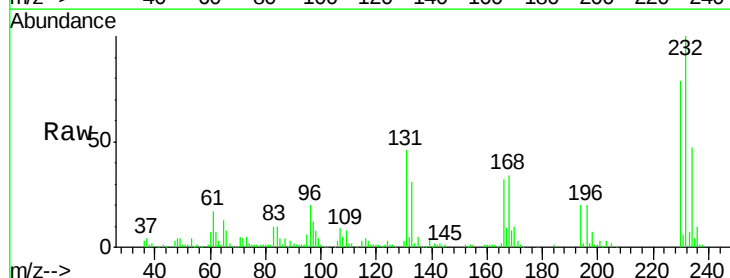
Ion Ratio Lower Upper

232 100

131 39.7 43.8 65.8#

130 2.6 2.1 3.1

166 31.4 27.8 41.6

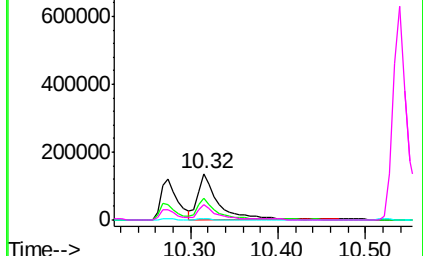
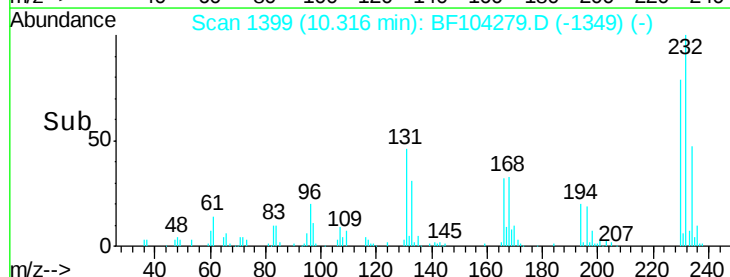


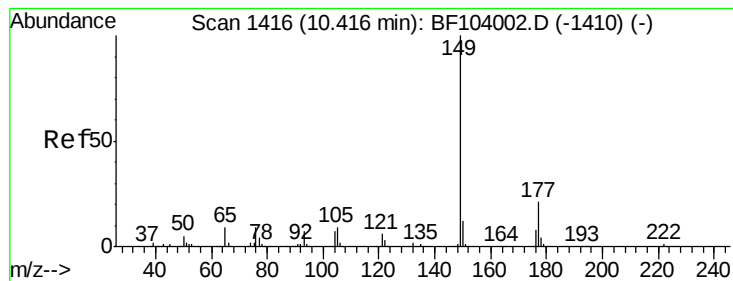
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.091 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

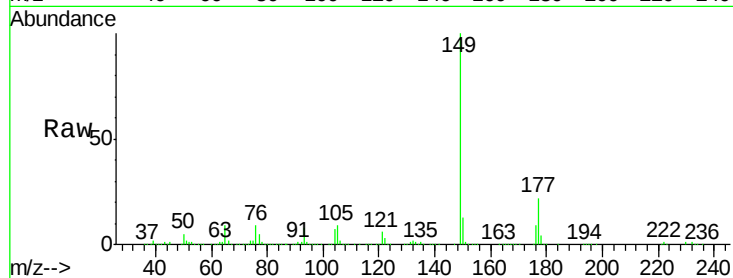
Tot Ion:149 Resp: 797960

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

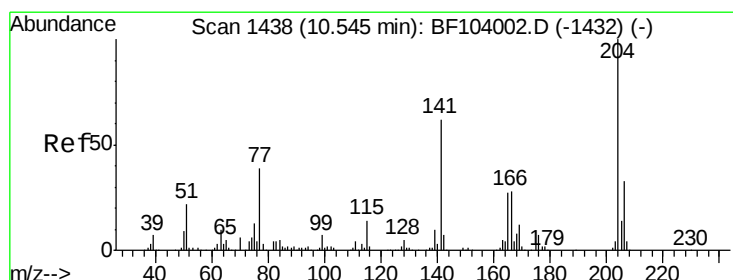
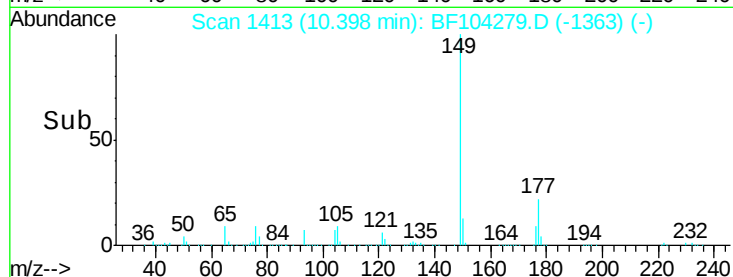
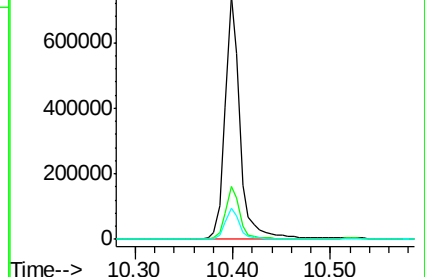
150 13.0 10.1 15.1



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: 47.515 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

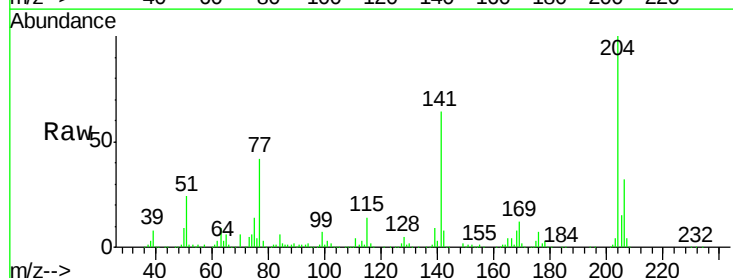
Tgt Ion:204 Resp: 373211

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

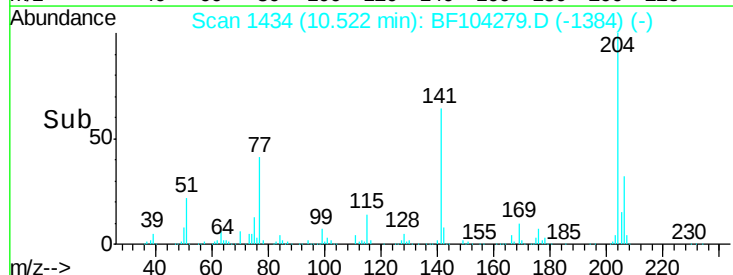
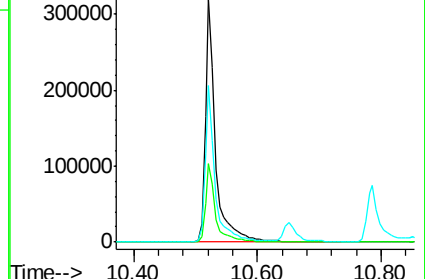
141 64.2 54.6 81.8

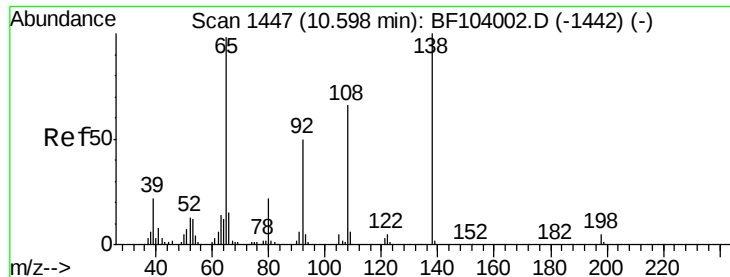


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.374 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

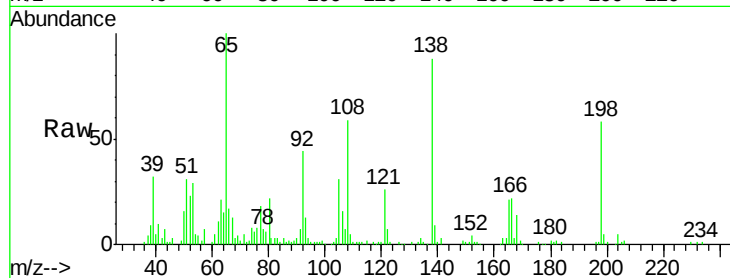
Tot Ion:138 Resp: 185244

Ion Ratio Lower Upper

138 100

92 49.5 30.2 70.2

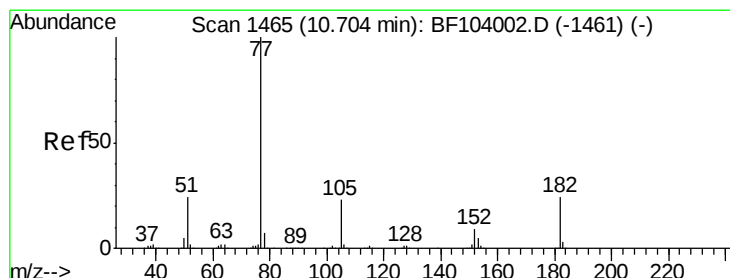
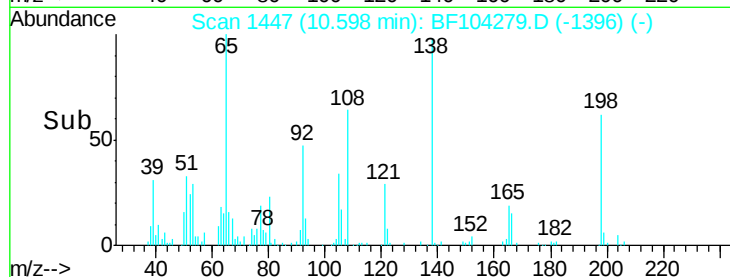
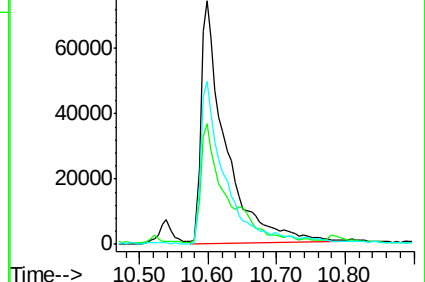
108 67.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.562 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Tgt Ion: 77 Resp: 761972

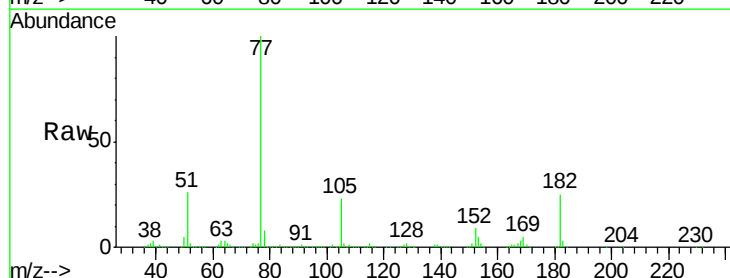
Ion Ratio Lower Upper

77 100

182 25.1 1.7 41.7

105 23.4 3.0 43.0

51 25.7 9.9 49.9

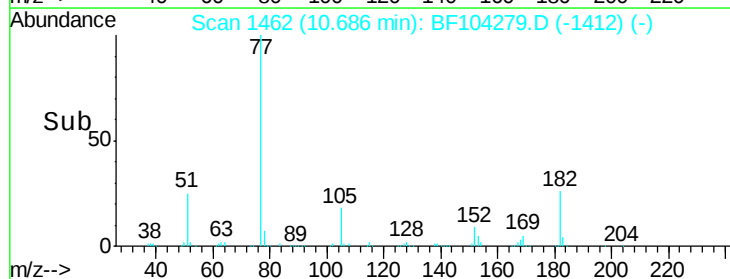
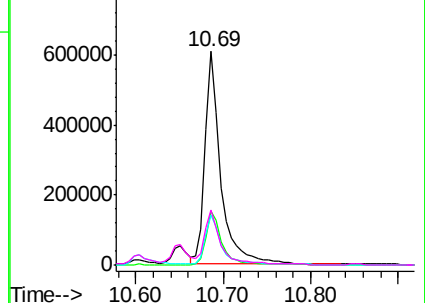


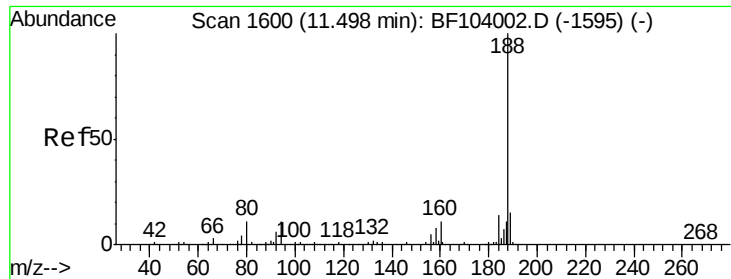
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

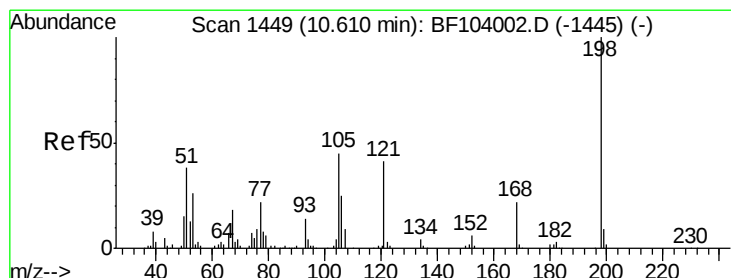
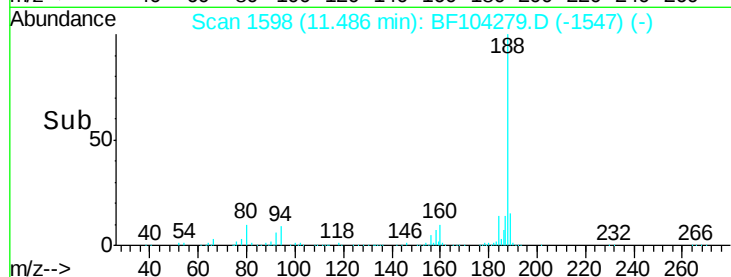
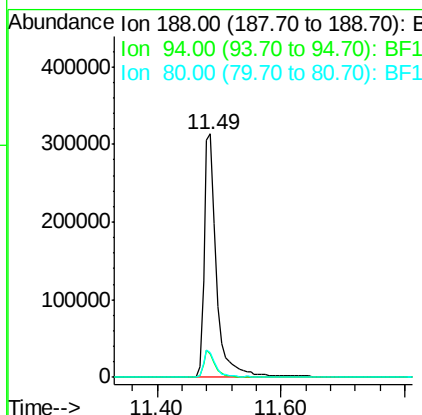
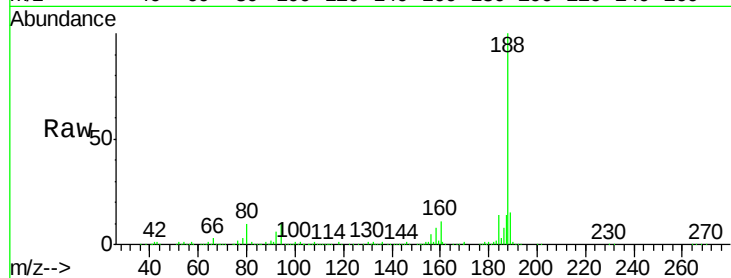




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

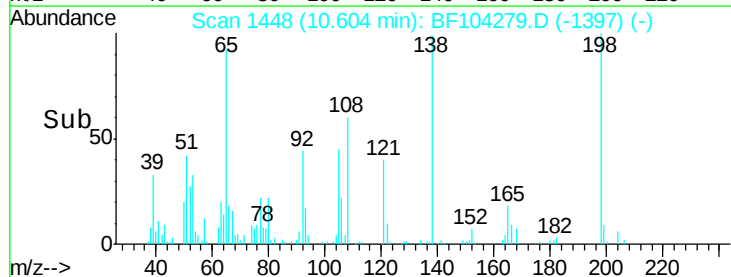
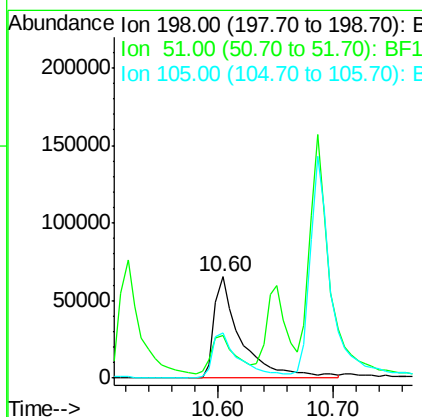
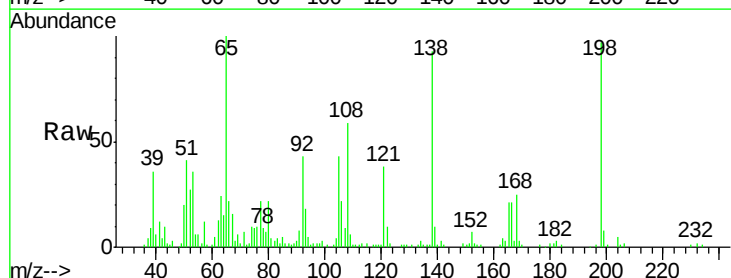
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

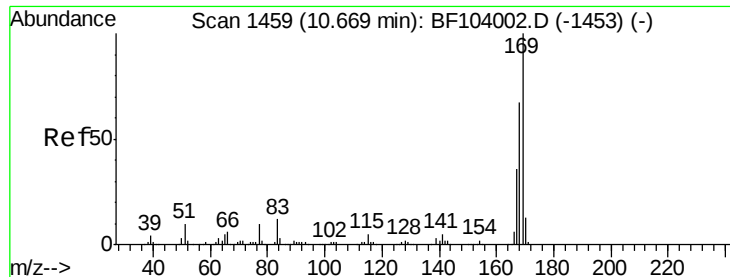
Tot Ion:188 Resp: 439368
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.039 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:198 Resp: 106489
Ion Ratio Lower Upper
198 100
51 42.6 37.7 77.7
105 44.9 36.3 76.3

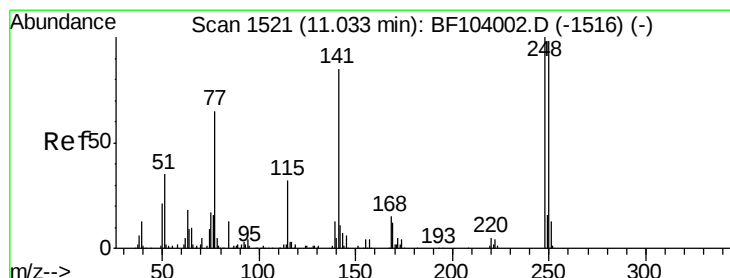
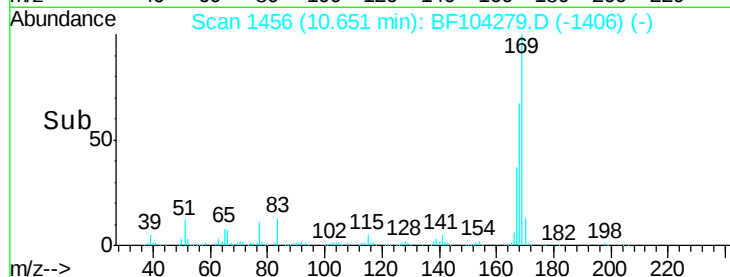
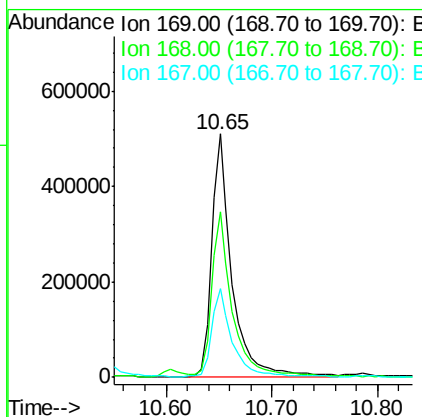
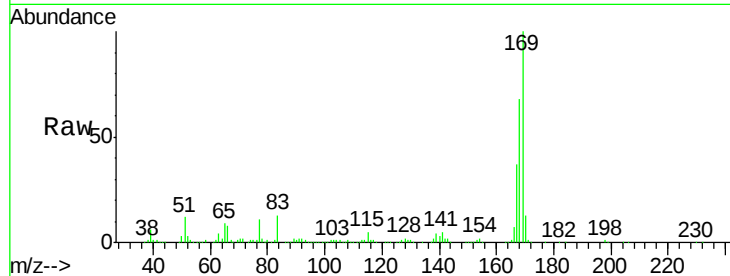




#65
 n-Nitrosodiphenylamine
 Concen: 45.742 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

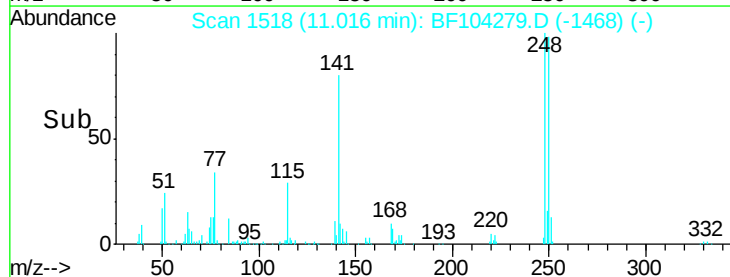
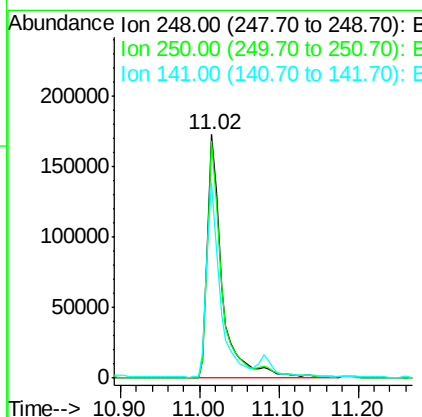
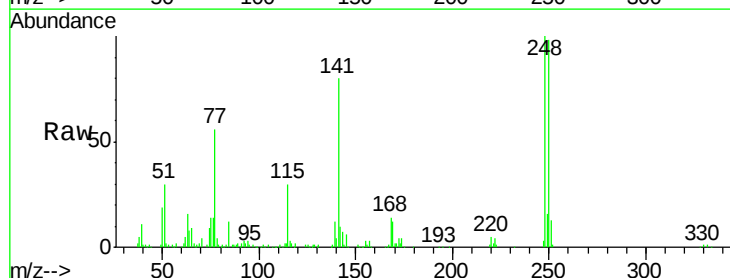
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

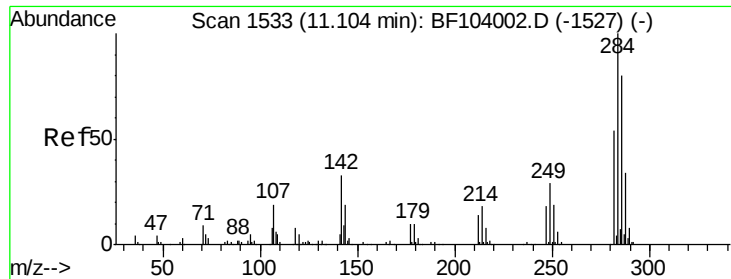
Tot Ion:169 Resp: 680633
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.037 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:248 Resp: 230504
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 80.2 74.4 111.6

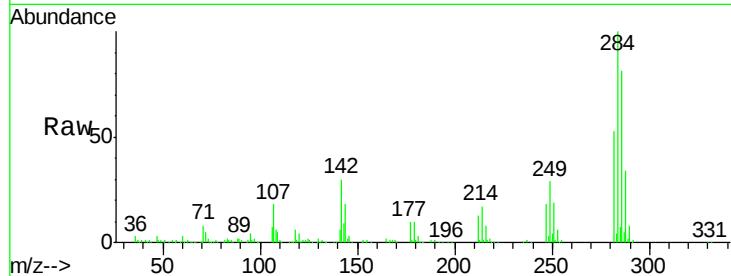




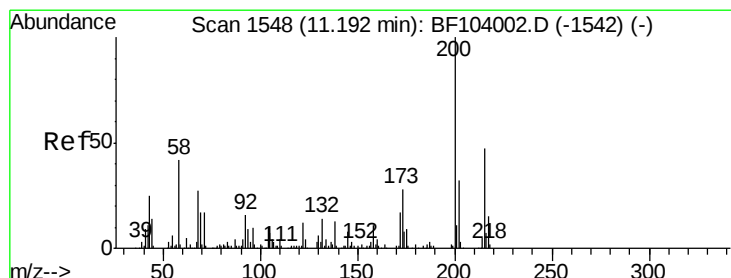
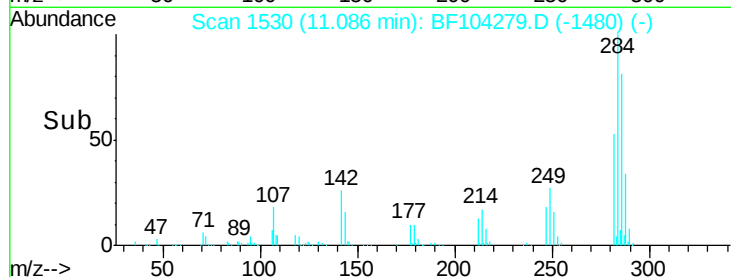
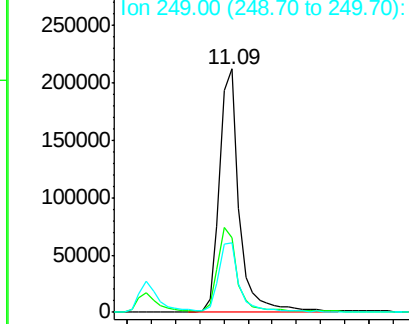
#67
Hexachlorobenzene
Concen: 44.761 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:284 Resp: 242031
Ion Ratio Lower Upper
284 100
142 30.4 34.6 52.0#
249 28.6 24.8 37.2

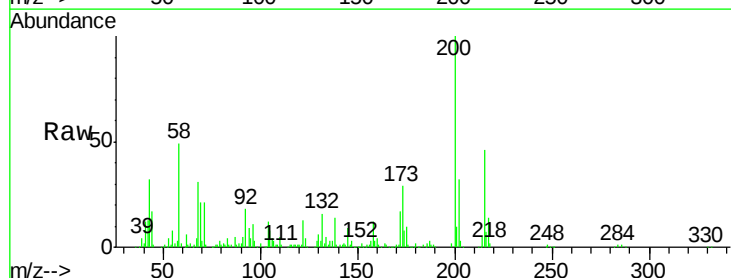


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

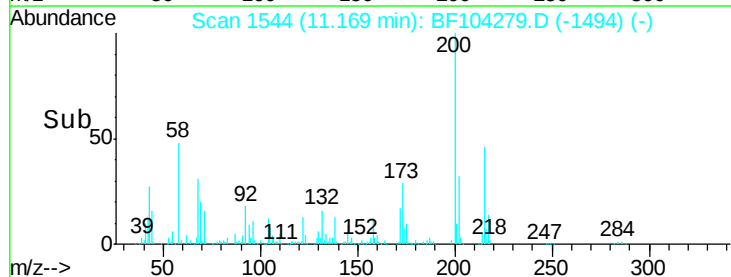
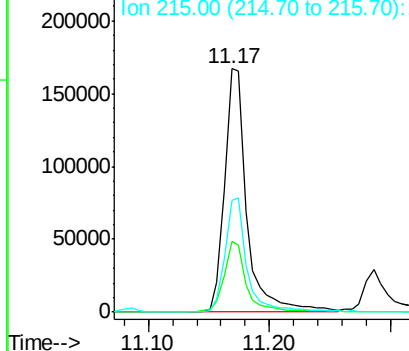


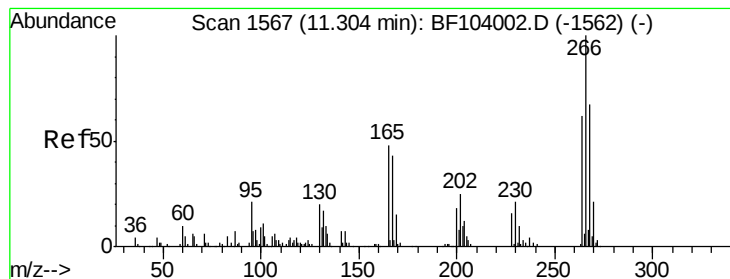
#68
Atrazine
Concen: 47.227 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:200 Resp: 215289
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 45.8 25.1 65.1



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





#69

Pentachlorophenol

Concen: 76.521 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

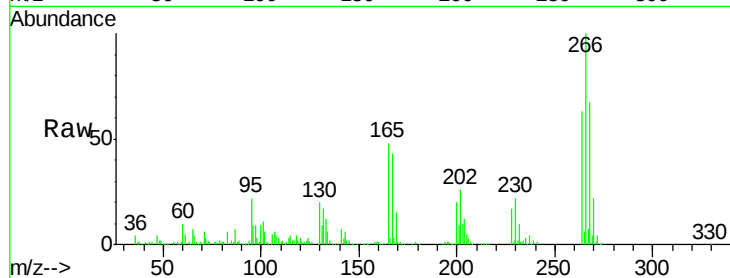
Tot Ion:266 Resp: 227682

Ion Ratio Lower Upper

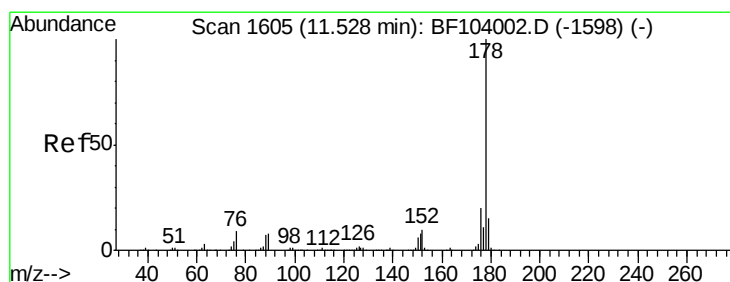
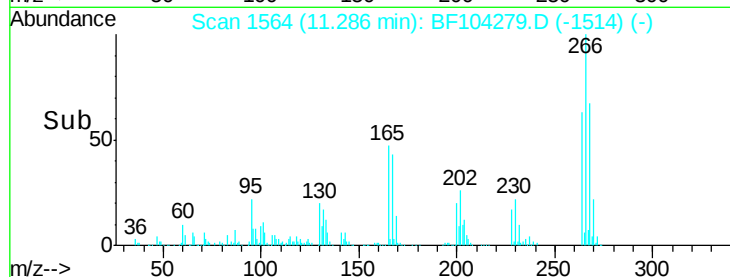
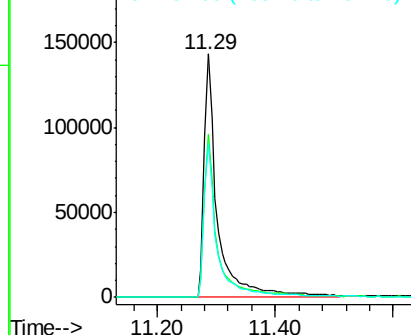
266 100

268 67.1 51.1 76.7

264 63.3 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: 46.795 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

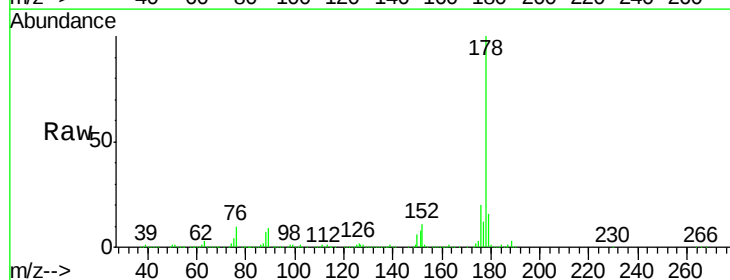
Tgt Ion:178 Resp: 1113145

Ion Ratio Lower Upper

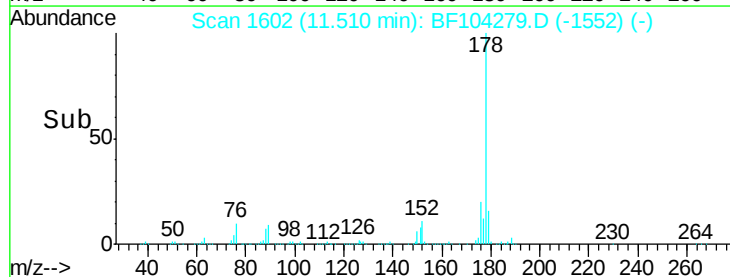
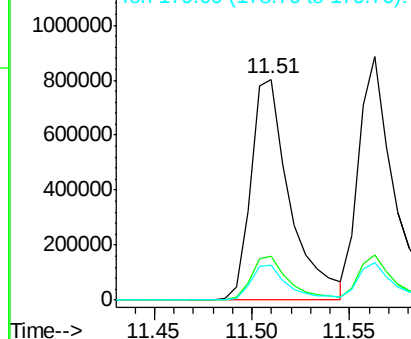
178 100

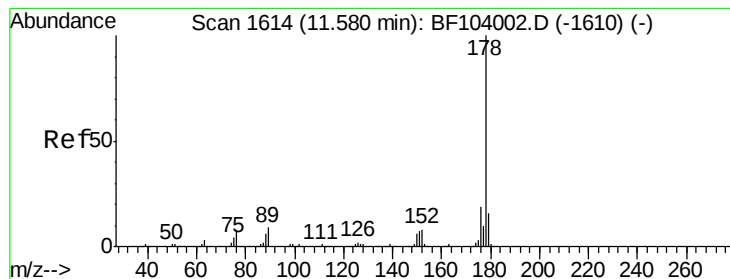
176 19.6 15.8 23.8

179 15.7 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: 51.432 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

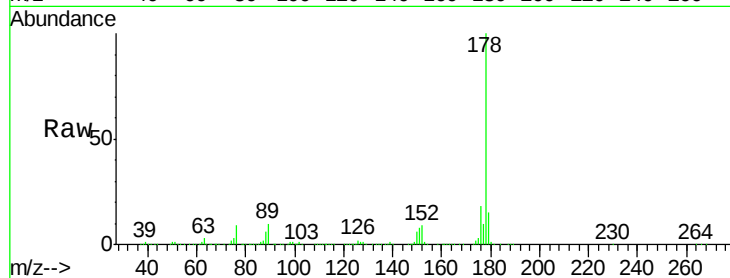
Tot Ion:178 Resp: 1277950

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

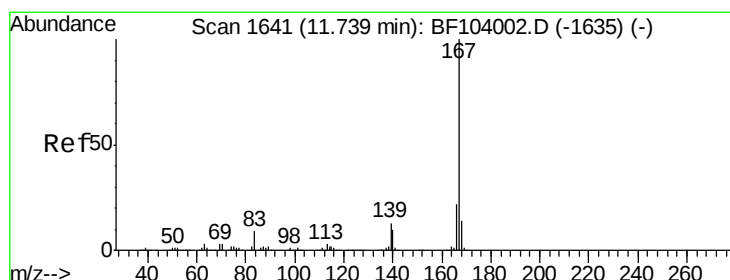
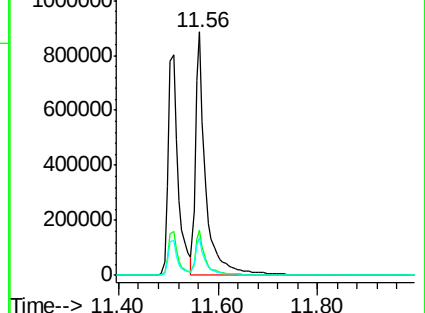
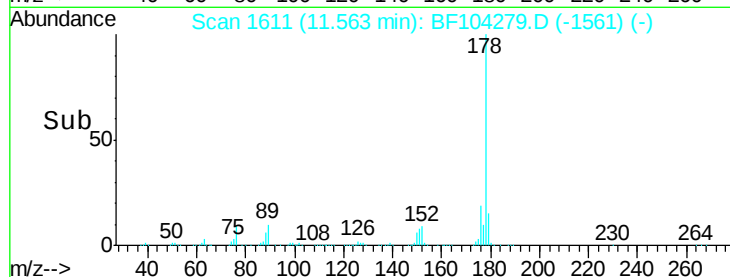
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.549 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

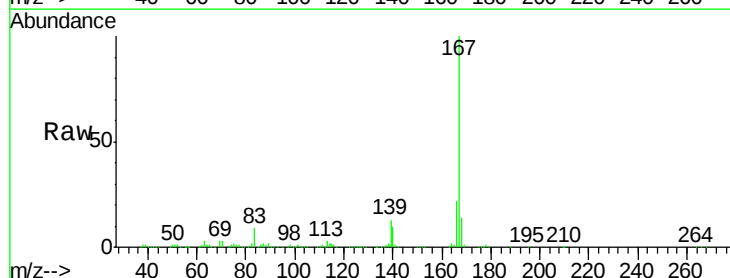
Tgt Ion:167 Resp: 1151336

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

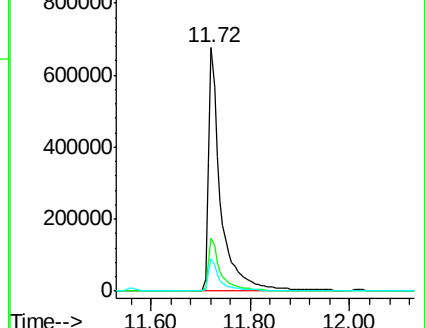
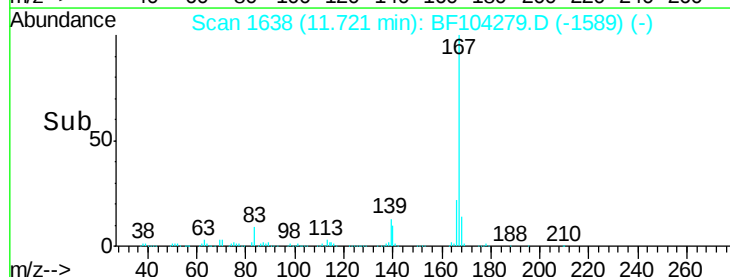
139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.596 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

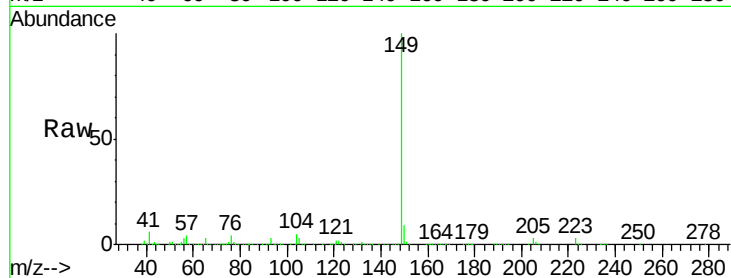
Tot Ion:149 Resp: 1259735

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

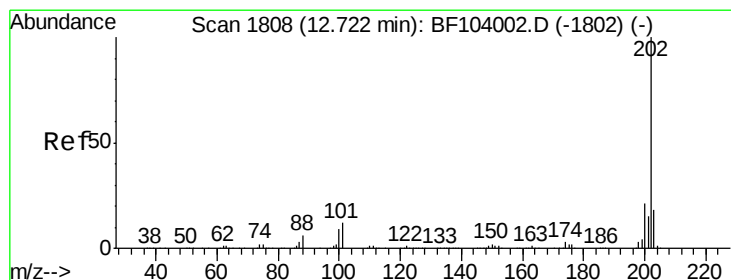
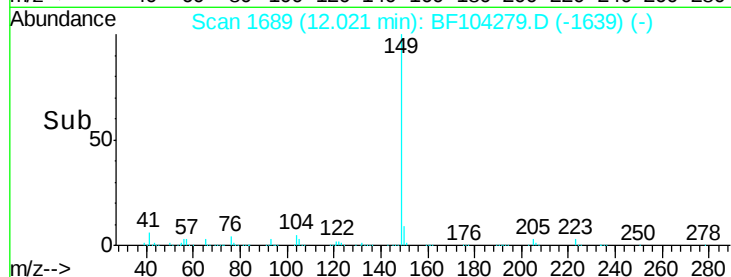
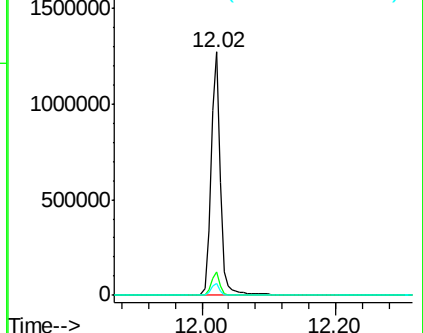
104 4.7 3.8 5.8



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: 48.947 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

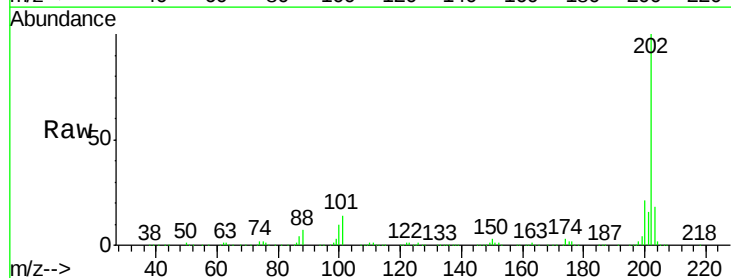
Tgt Ion:202 Resp: 1237644

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

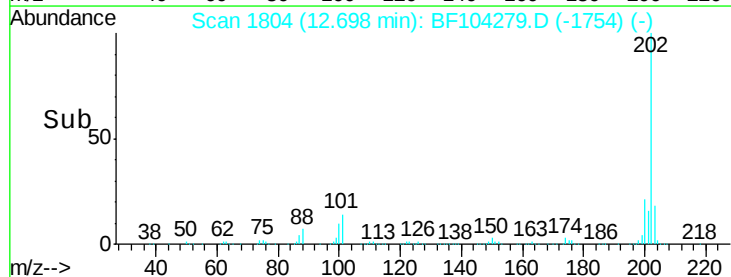
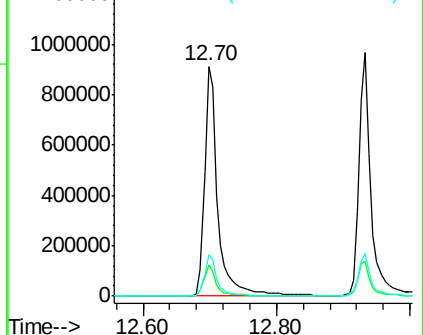
203 18.3 0.0 38.1

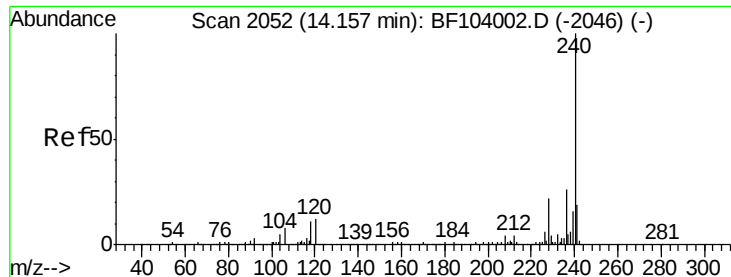


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MSD

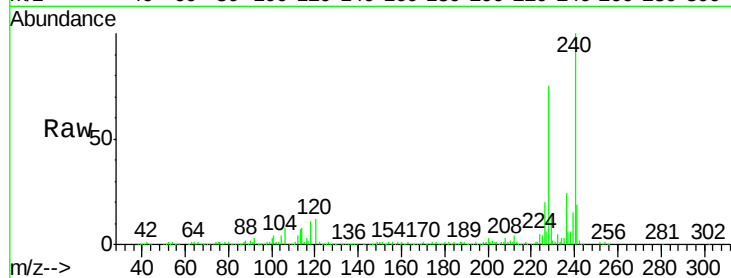
Tot Ion:240 Resp: 339286

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

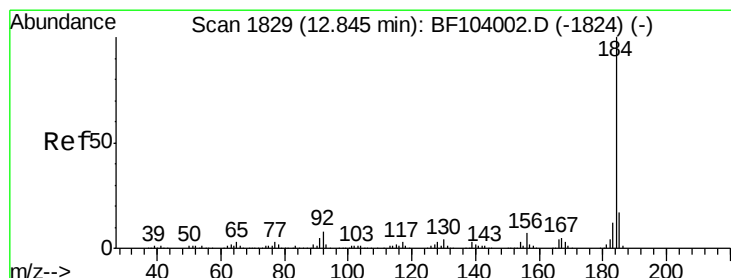
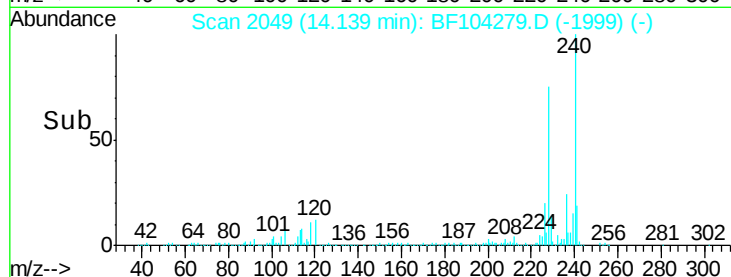
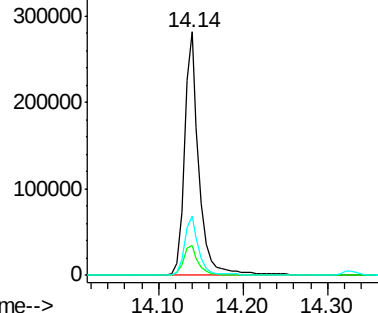
236 24.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.659 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF104279.D

Acq: 5 Apr 2018 19:42

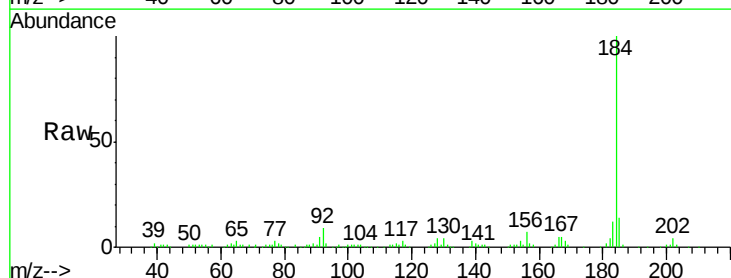
Tgt Ion:184 Resp: 315774

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

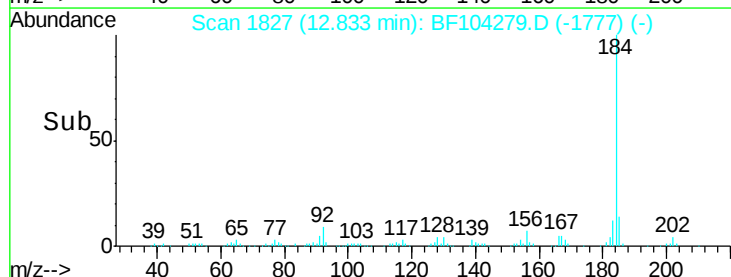
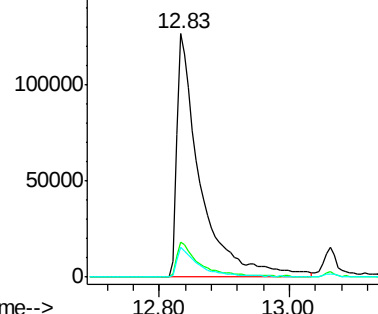
183 12.2 9.3 13.9

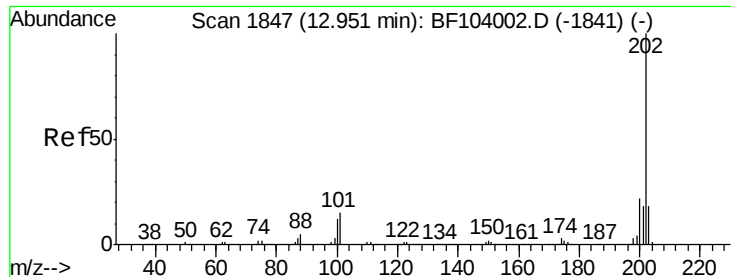


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

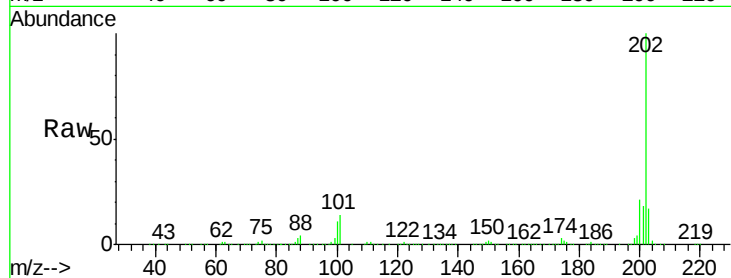




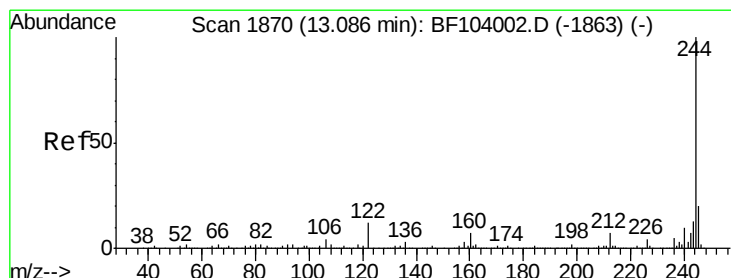
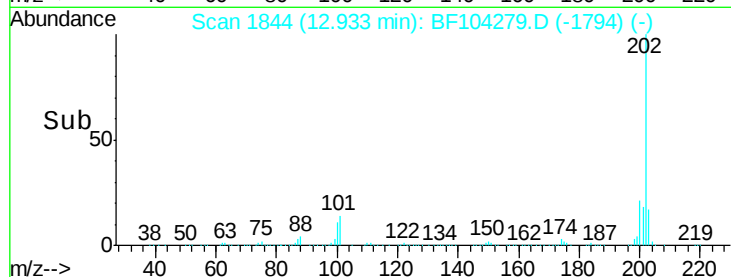
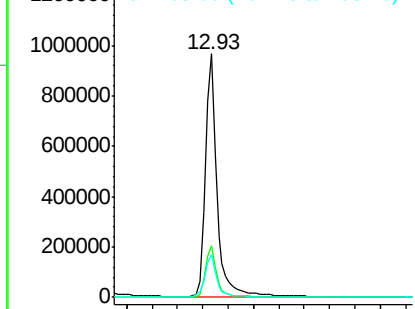
#77
Pvrene
Concen: 50.441 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:202 Resp: 1230253
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.5 14.3 21.5

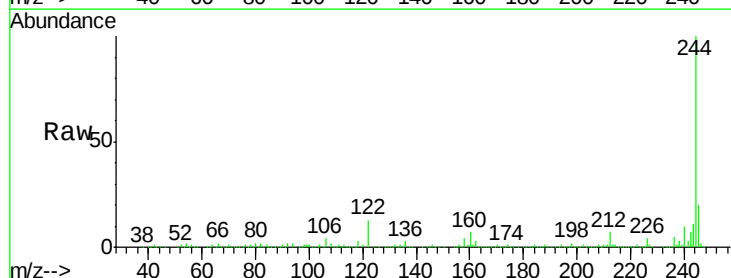


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

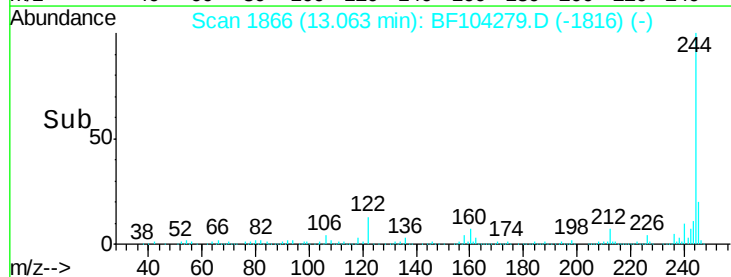
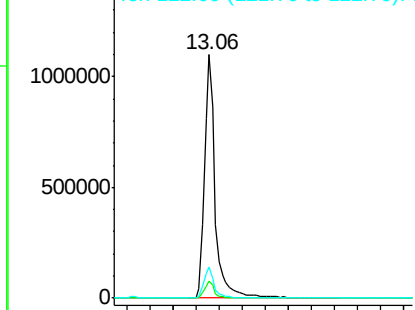


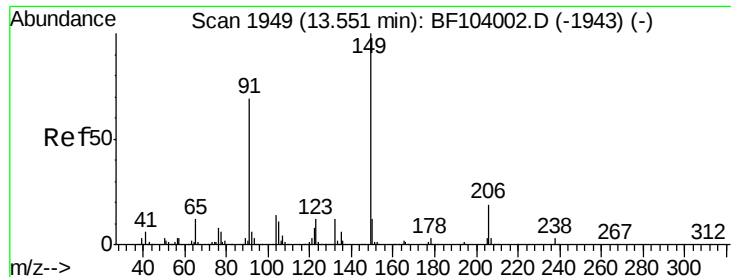
#78
Terphenyl-d14
Concen: 98.846 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:244 Resp: 1452483
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.6 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

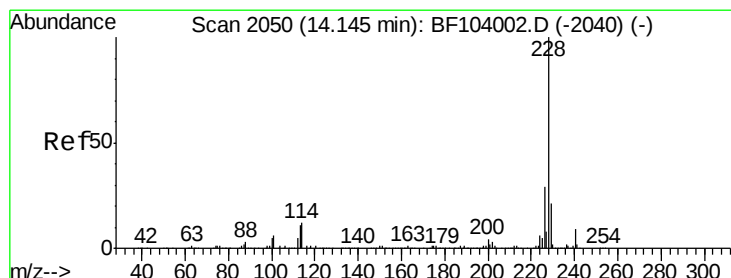
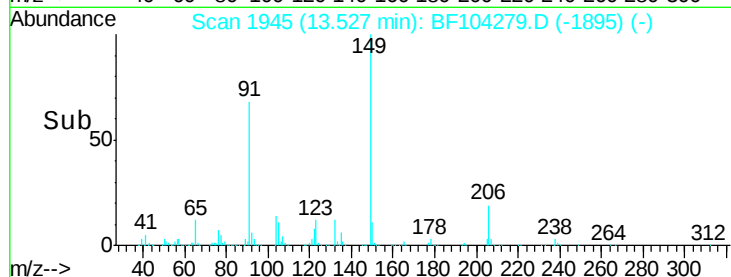
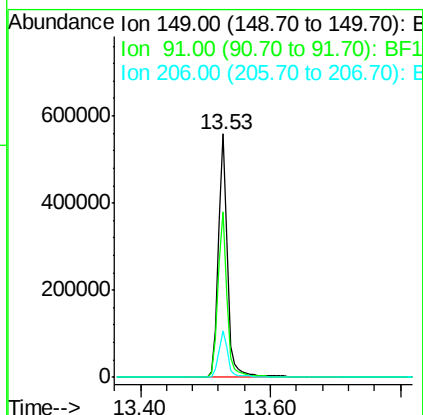
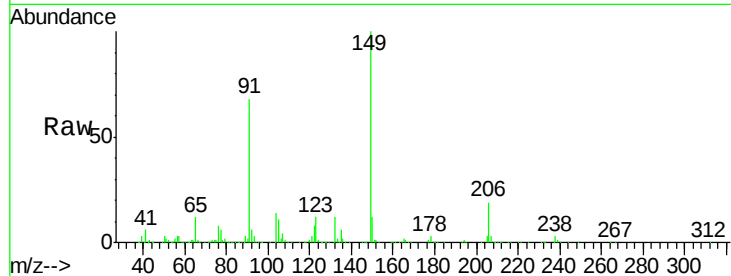




#79
Butylbenzylphthalate
Concen: 47.637 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

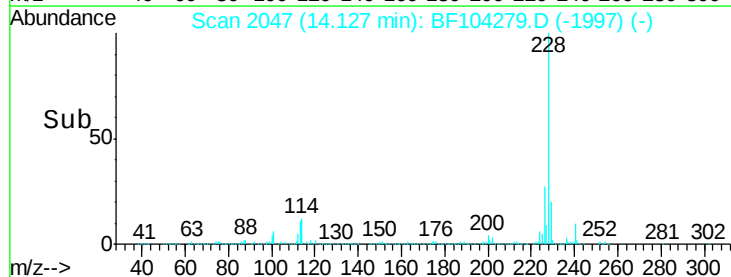
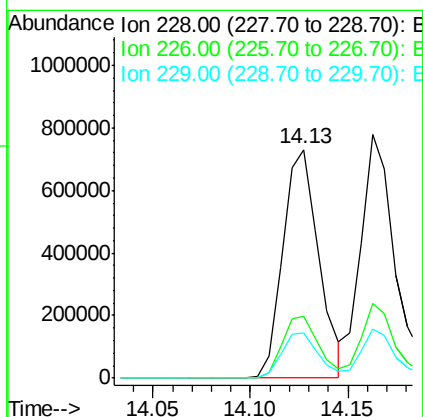
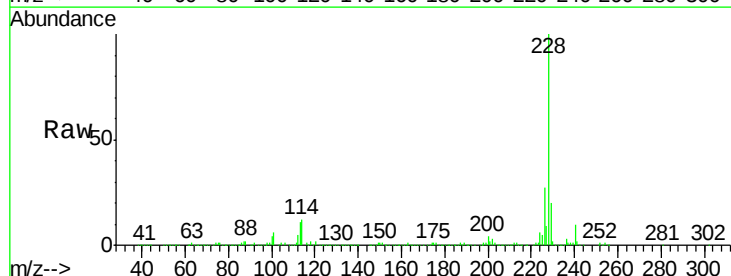
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

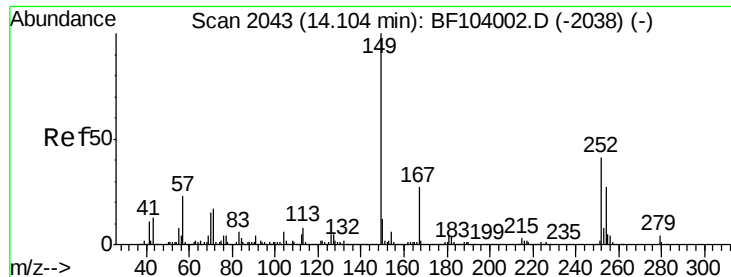
Tot Ion:149 Resp: 547381
Ion Ratio Lower Upper
149 100
91 67.9 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.829 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:228 Resp: 930466
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 15.8 23.6

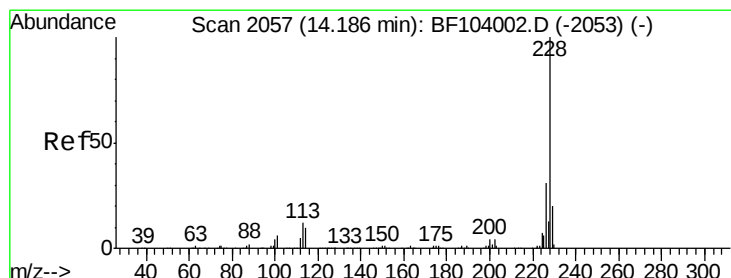
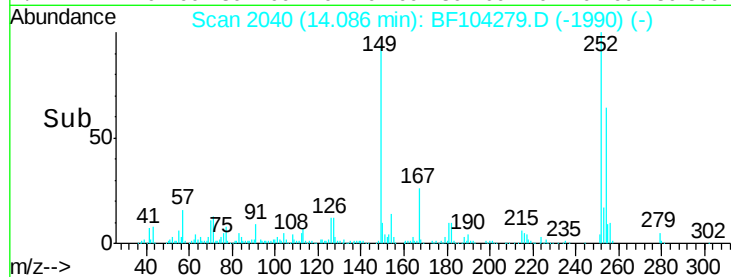
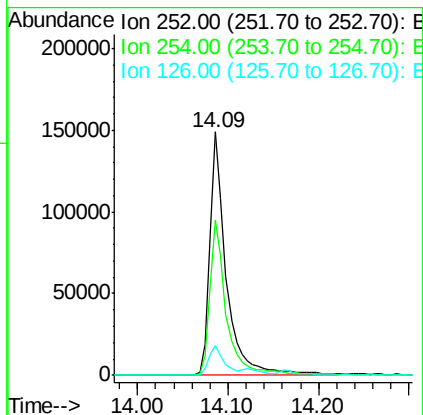
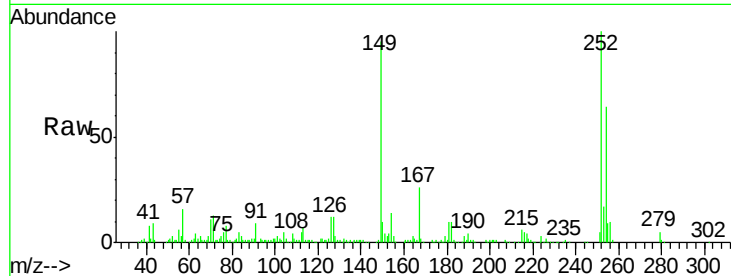




#81
 3,3'-Dichlorobenzidine
 Concen: 27.228 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

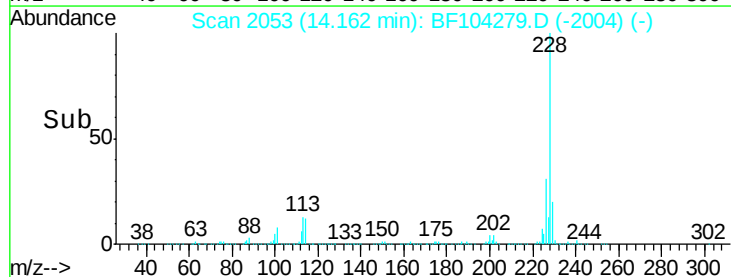
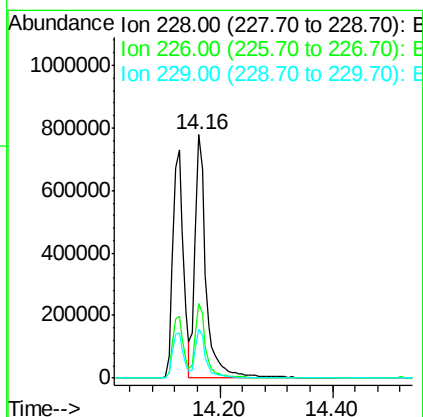
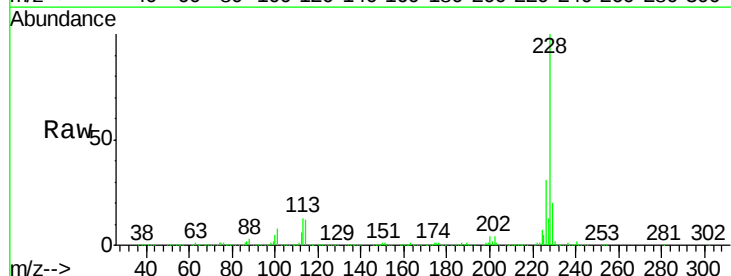
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

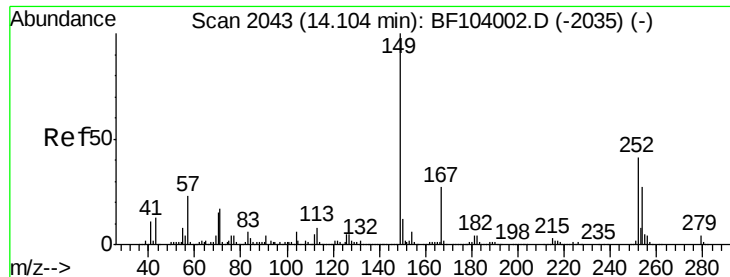
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 50.445 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.0	16.2	24.4

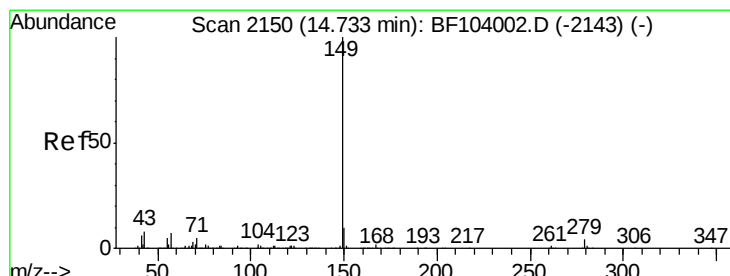
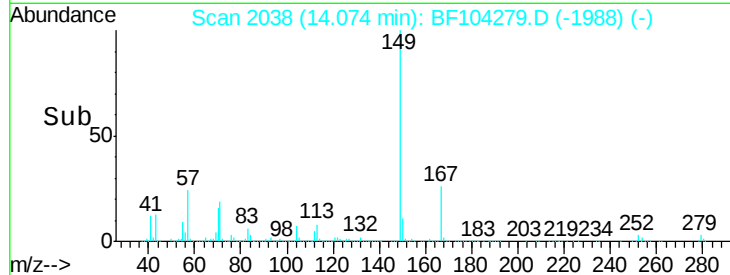
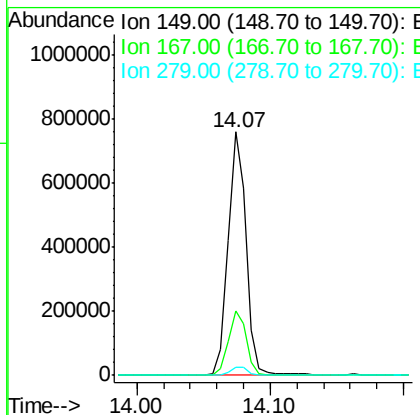
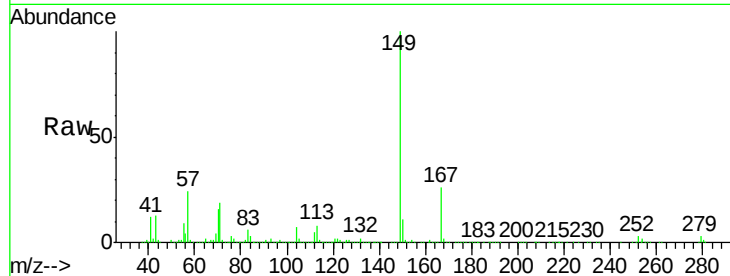




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.730 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

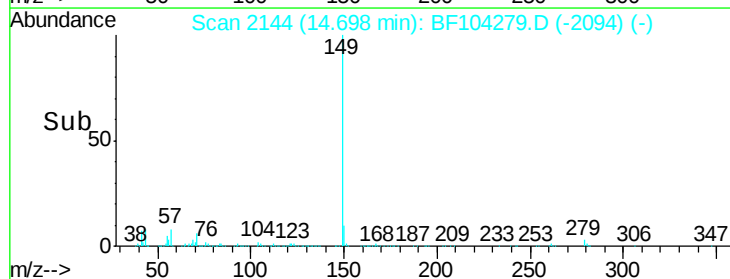
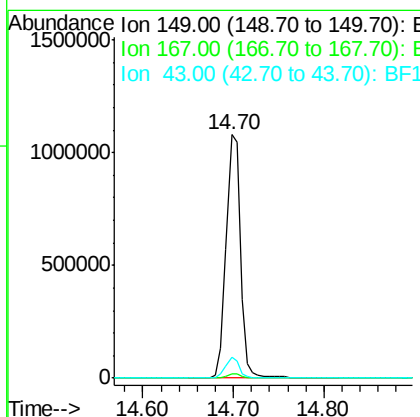
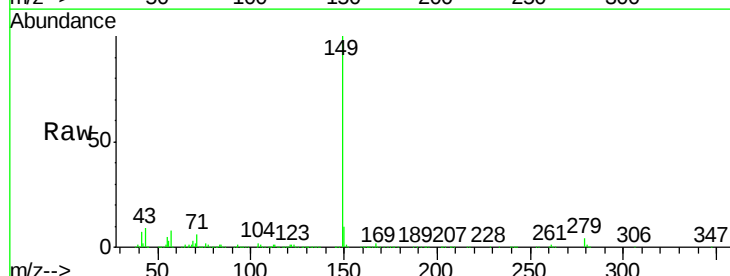
Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

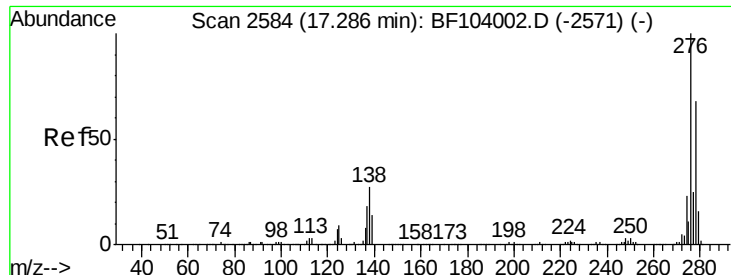
Tot Ion:149 Resp: 723481
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.119 ng
 RT: 14.70 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Tgt Ion:149 Resp: 1177844
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.0 8.4 12.6#

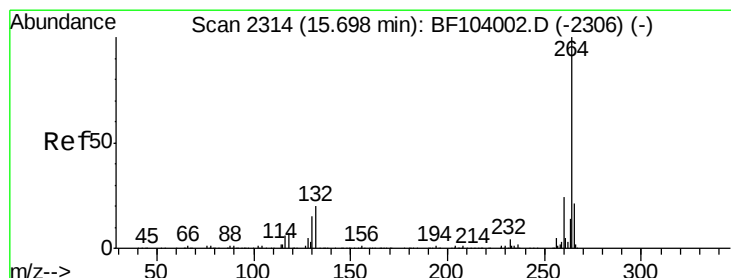
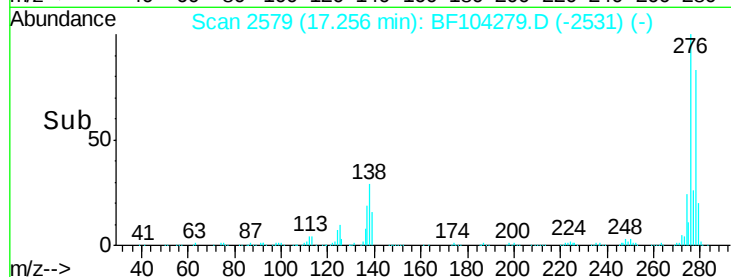
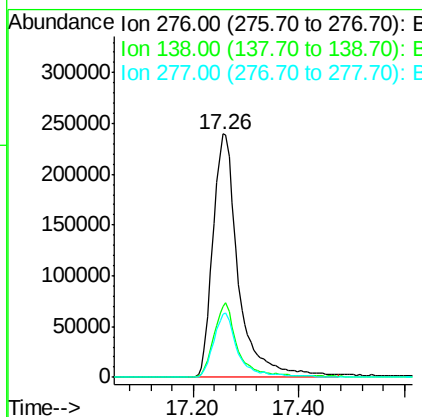
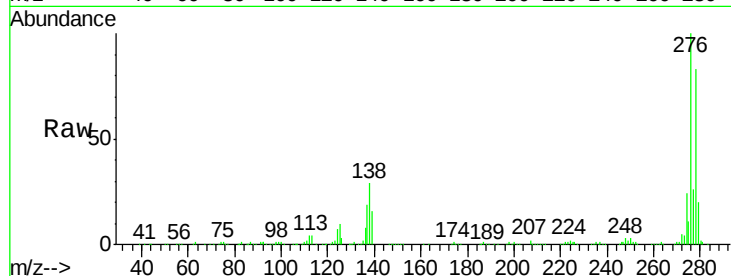




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.508 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

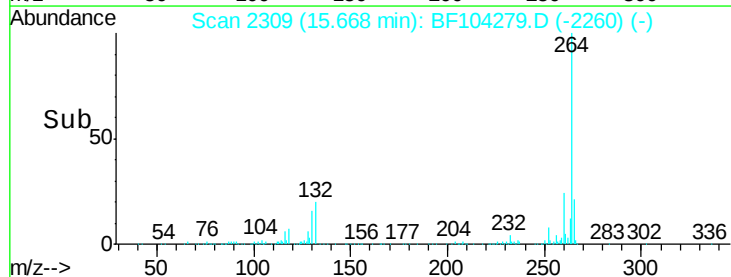
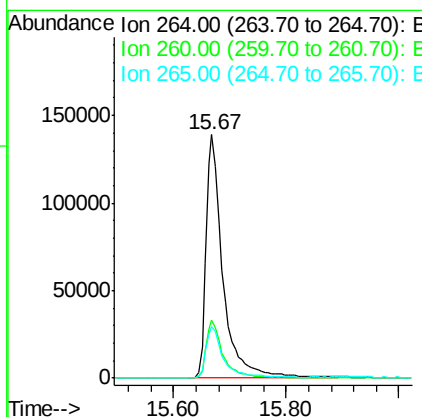
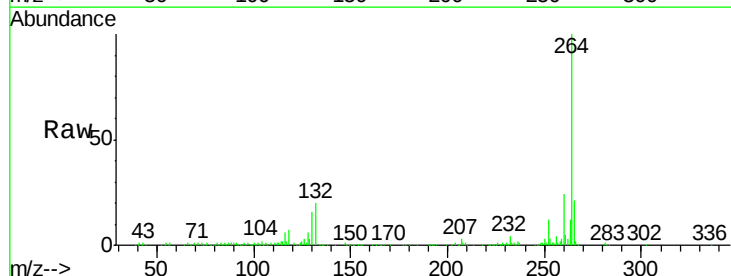
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:276 Resp: 808192
Ion Ratio Lower Upper
276 100
138 28.4 25.0 37.6
277 24.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:264 Resp: 289777
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 17.5 26.3

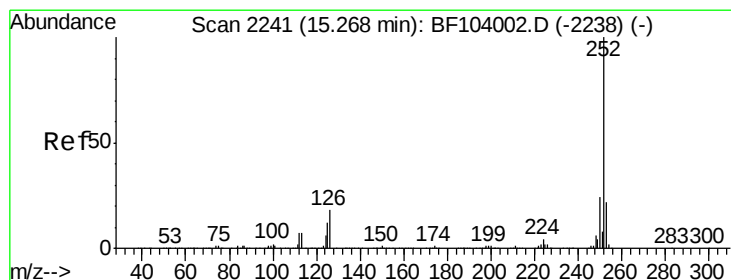
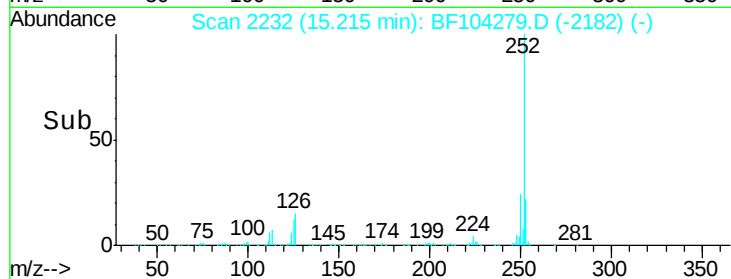
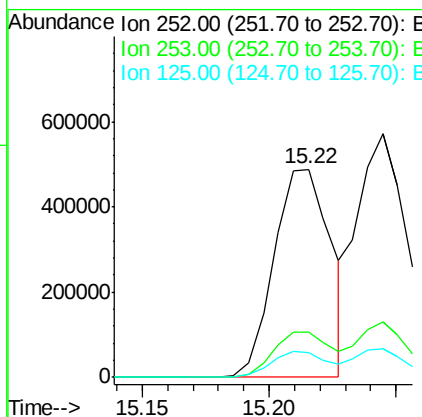
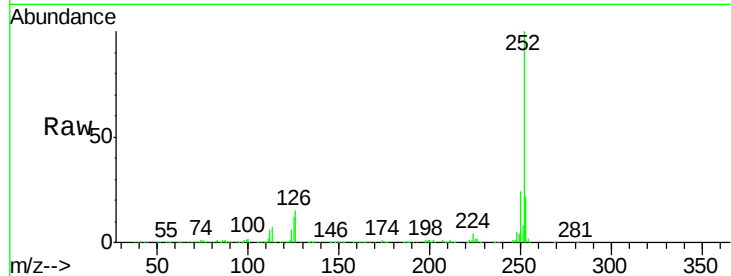




#87
Benzo(b)fluoranthene
Concen: 43.045 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

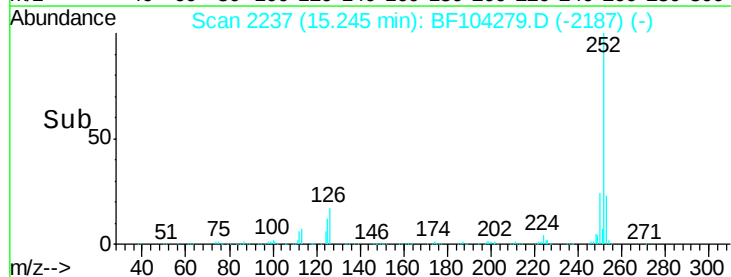
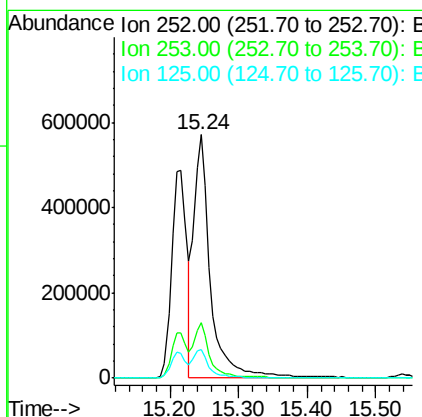
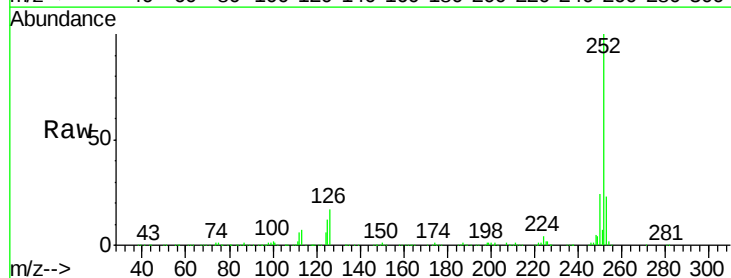
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

Tot Ion:252 Resp: 759121
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 57.195 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:252 Resp: 950175
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.8 10.2 15.2

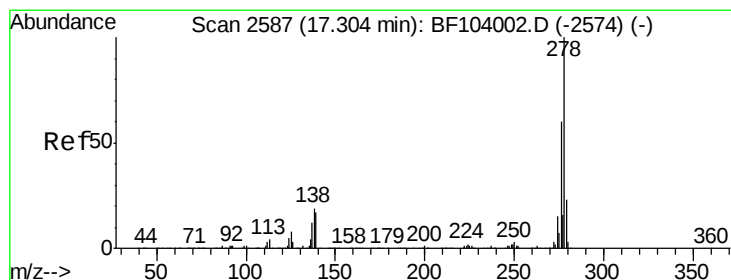
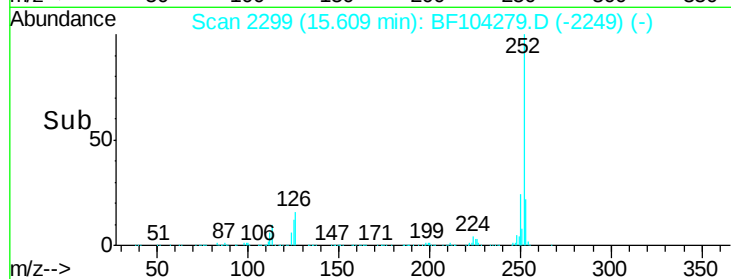
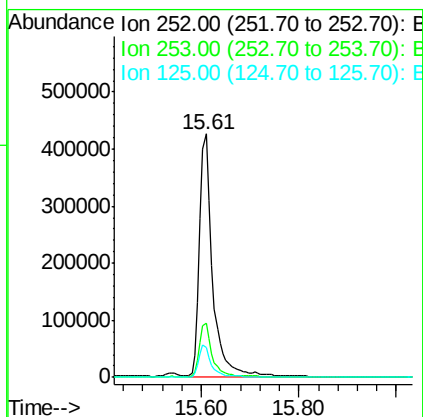
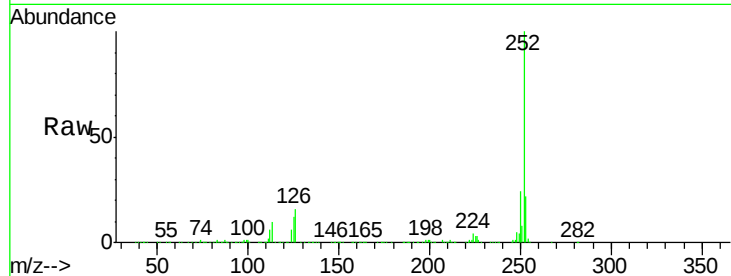




#89
Benzo(a)pyrene
Concen: 49.175 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

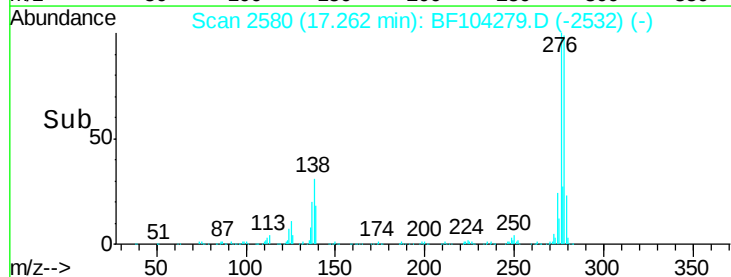
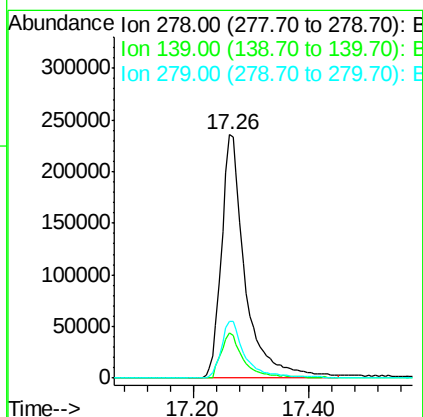
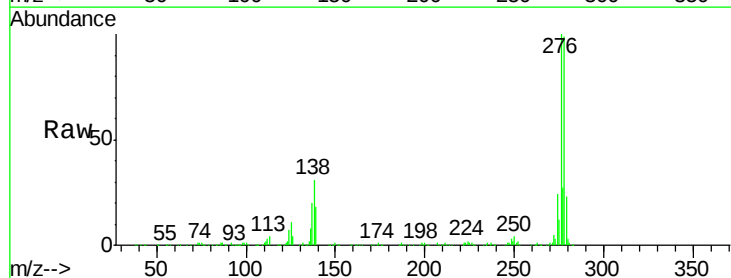
Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MSD

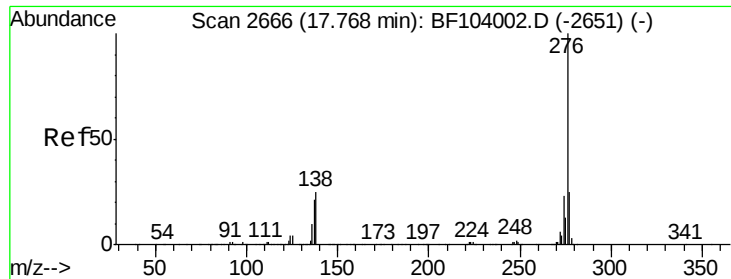
Tot Ion:252 Resp: 803652
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.608 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF104279.D
Acq: 5 Apr 2018 19:42

Tgt Ion:278 Resp: 674027
Ion Ratio Lower Upper
278 100
139 18.7 15.9 23.9
279 23.4 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.019 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.02 min
 Lab File: BF104279.D
 Acq: 5 Apr 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.1	21.8	32.8

