

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102365.D
 Acq On : 24 Jan 2018 1:48
 Operator : SJ/JU
 Sample : J1235-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Quant Time: Jan 24 12:45:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	116577	20.00	ng	0.01
21) Naphthalene-d8	8.01	136	387949	20.00	ng	0.01
38) Acenaphthene-d10	9.75	164	215994	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	322204	20.00	ng	0.00
75) Chrysene-d12	13.87	240	261162	20.00	ng	0.00
86) Perylene-d12	15.30	264	212686	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	67779	8.82	ng	0.10
7) Phenol-d6	6.38	99	367951	39.70	ng	0.02
23) Nitrobenzene-d5	7.30	82	646187	95.72	ng	0.01
41) 2,4,6-Tribromophenol	10.55	330	208103	97.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1091626	74.31	ng	0.00
78) Terphenyl-d14	12.83	244	936194	80.81	ng	0.00

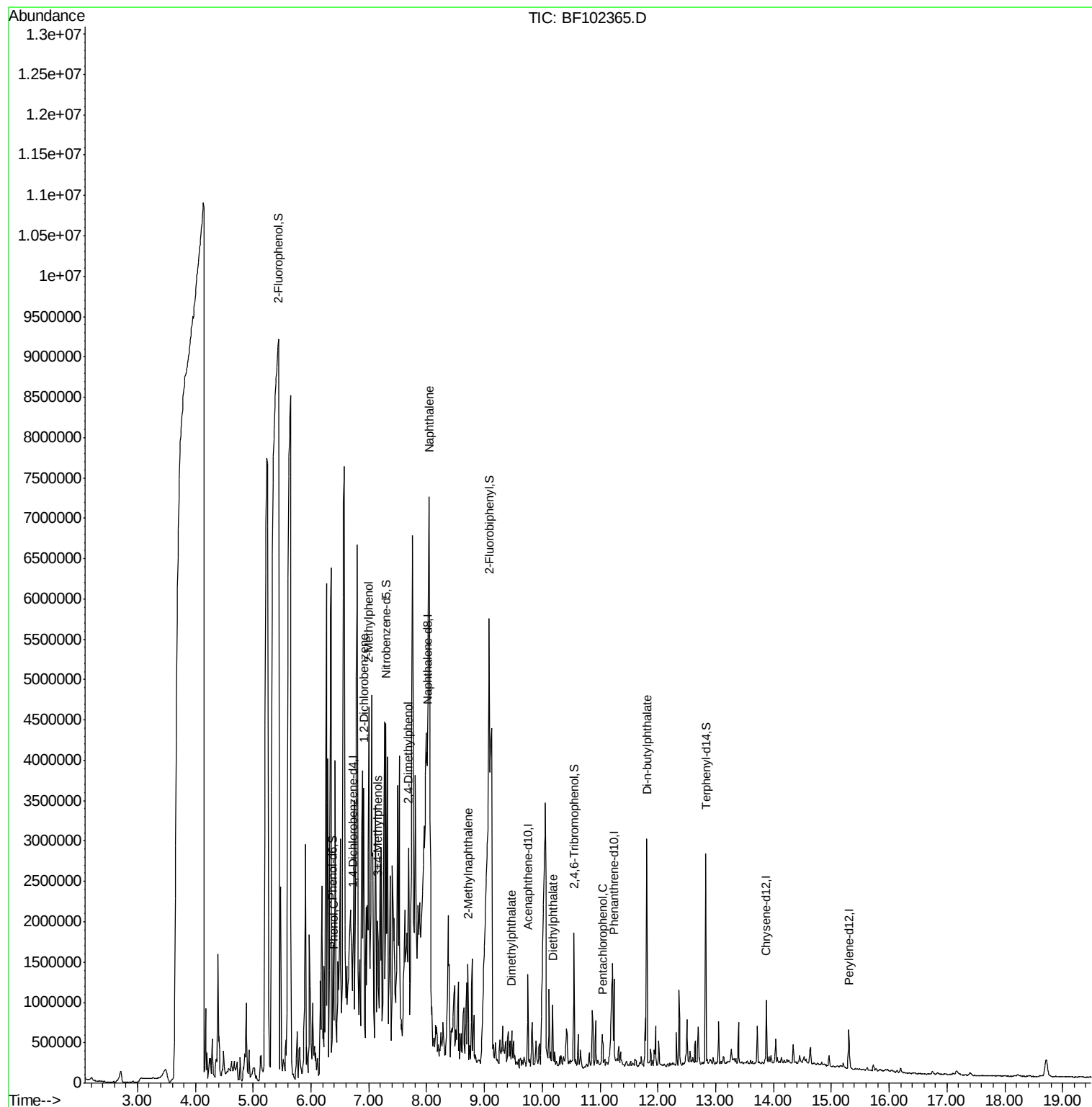
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	33699	3.330	ng	72
14) 1,2-Dichlorobenzene	6.90	146	106398	12.115	ng	# 93
17) 2-Methylphenol	7.00	107	340483	48.643	ng	# 83
20) 3+4-Methylphenols	7.16	107	543347	66.002	ng	92
27) 2,4-Dimethylphenol	7.69	122	217292	41.156	ng	98
31) Naphthalene	8.04	128	2723776	140.620	ng	98
37) 2-Methylnaphthalene	8.72	142	310302	24.055	ng	98
49) Dimethylphthalate	9.47	163	57227	3.205	ng	# 93
59) Diethylphthalate	10.17	149	271226	15.634	ng	100
69) Pentachlorophenol	11.05	266	36771	18.045	ng	96
73) Di-n-butylphthalate	11.81	149	1508990	64.571	ng	99

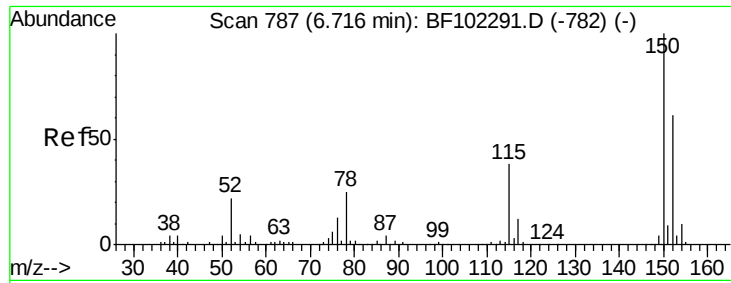
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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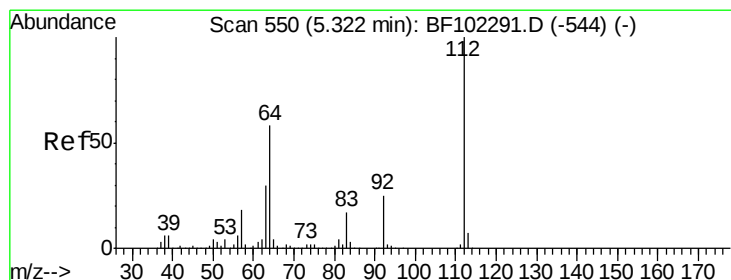
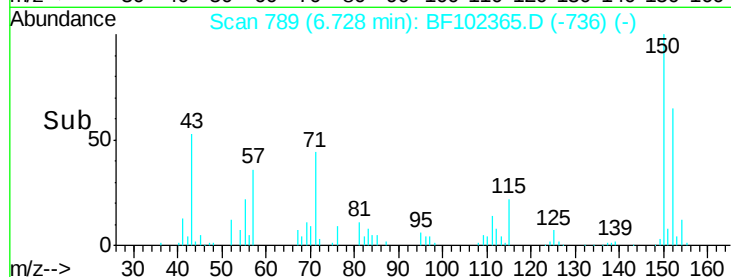
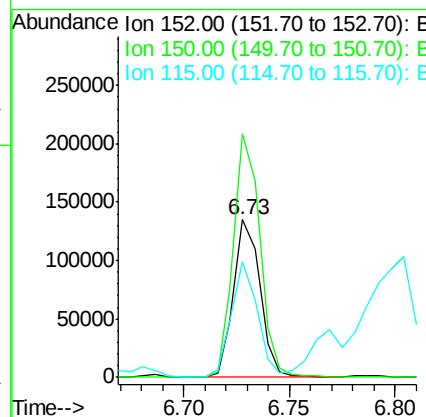
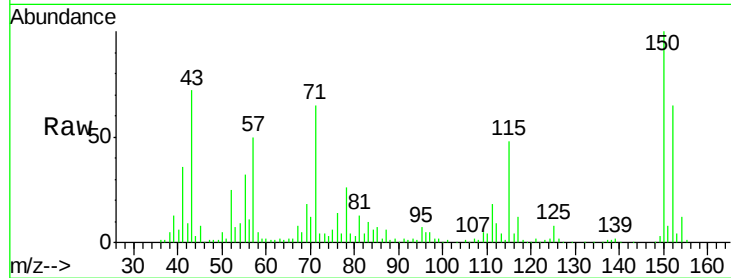


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

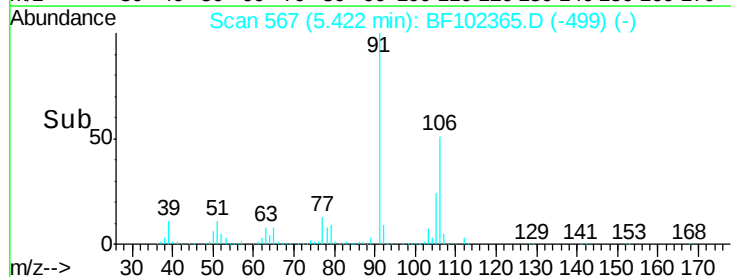
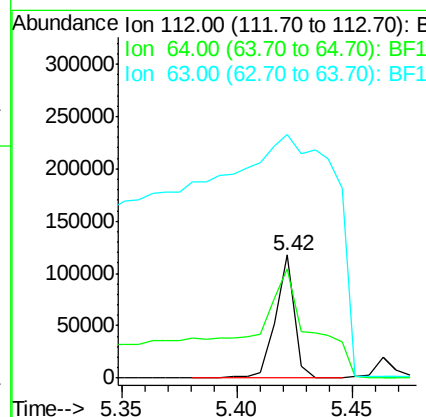
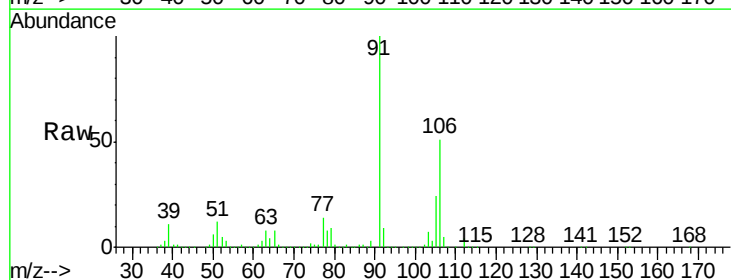
Tgt Ion:152 Resp: 116577
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 73.5 50.1 75.1

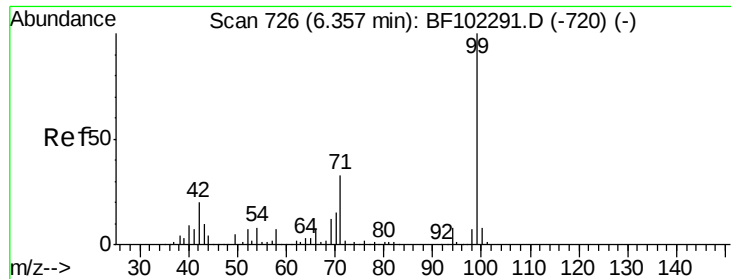


#5

2-Fluorophenol
Concen: 8.816 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.10 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:112 Resp: 67779
Ion Ratio Lower Upper
112 100
64 89.0 47.9 71.9#
63 197.9 23.7 35.5#





#7

Phenol-d6

Concen: 39.696 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampled :

TW-3

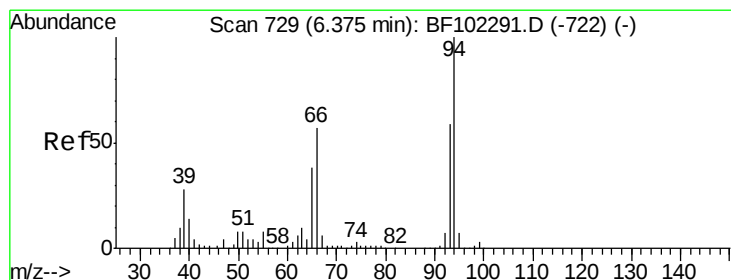
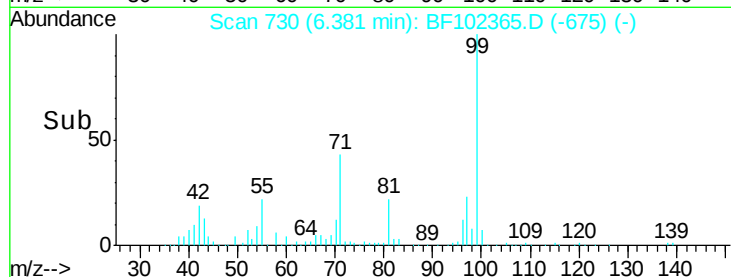
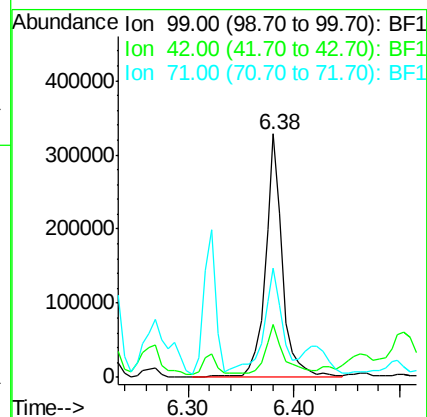
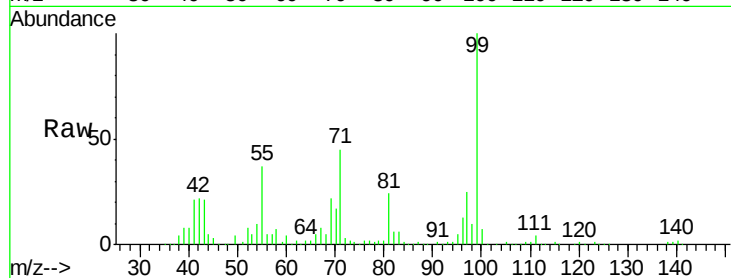
Tgt Ion: 99 Resp: 367951

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

71 45.0 25.4 38.0#



#10

Phenol

Concen: 3.330 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

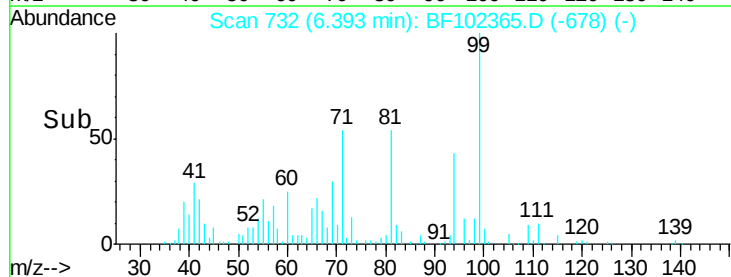
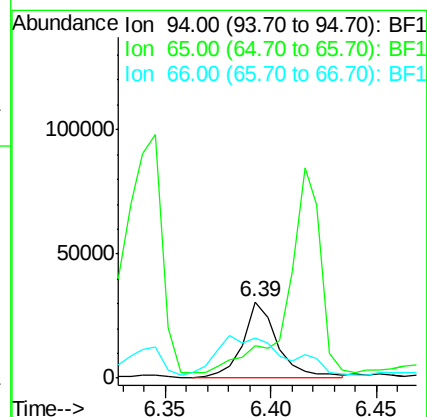
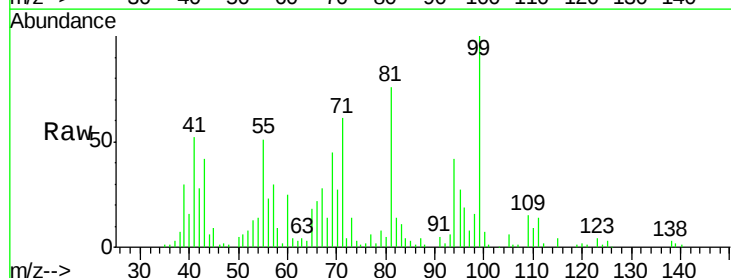
Tgt Ion: 94 Resp: 33699

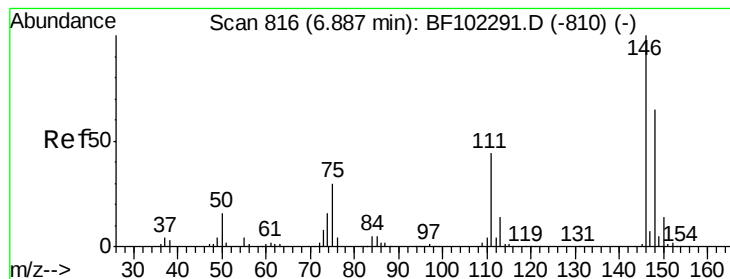
Ion Ratio Lower Upper

94 100

65 43.3 7.9 47.9

66 52.4 16.2 56.2





#14

1,2-Dichlorobenzene

Concen: 12.115 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampleId :

TW-3

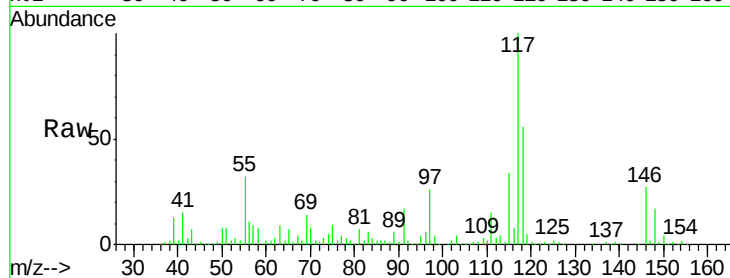
Tgt Ion:146 Resp: 106398

Ion Ratio Lower Upper

146 100

148 62.3 50.6 75.8

111 55.6 36.0 54.0#

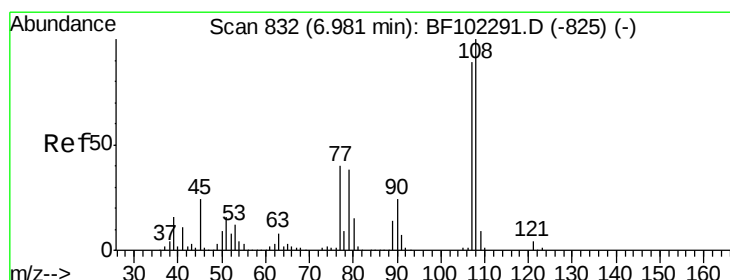
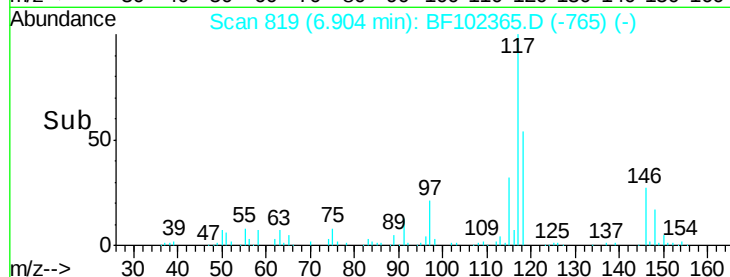
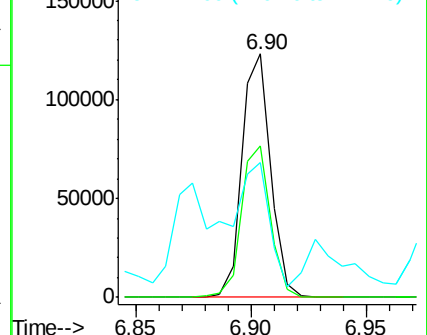


Abundance

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



#17

2-Methylphenol

Concen: 48.643 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Tgt Ion:107 Resp: 340483

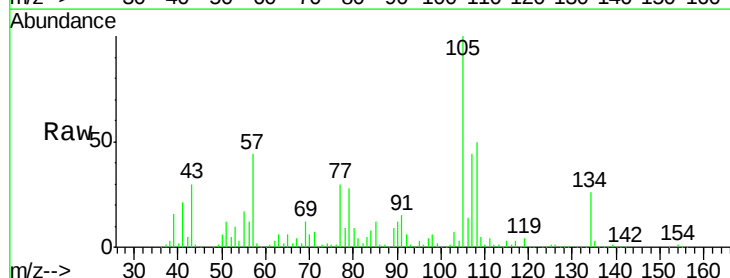
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 68.4 33.8 50.8#

79 64.0 33.8 50.8#



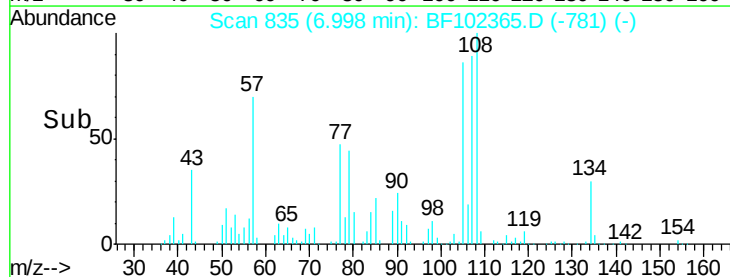
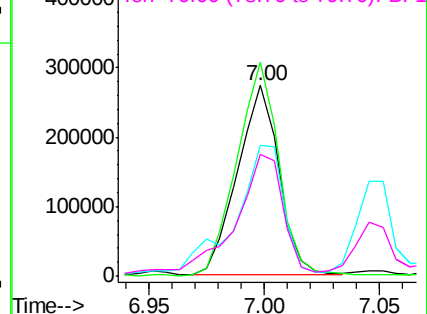
Abundance

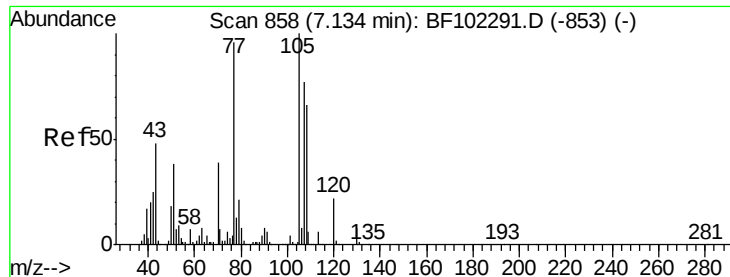
Ion 107.00 (106.70 to 107.70): E

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





#20

3+4-Methylphenols

Concen: 66.002 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampled :

TW-3

Tgt Ion:107 Resp: 543347

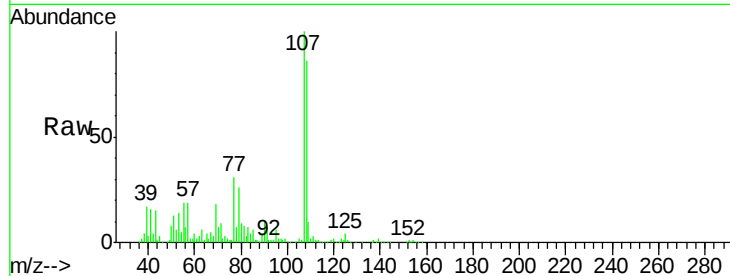
Ion Ratio Lower Upper

107 100

108 86.4 68.2 108.2

77 31.1 26.7 66.7

79 25.7 6.3 46.3

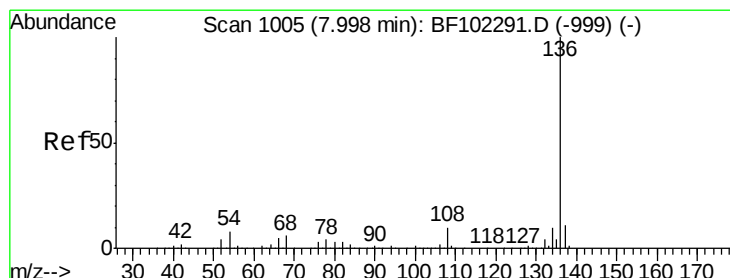
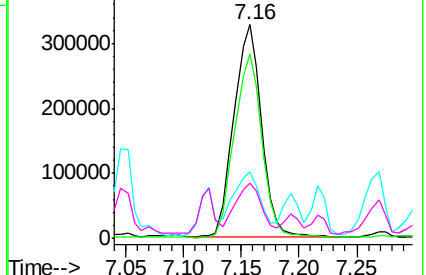
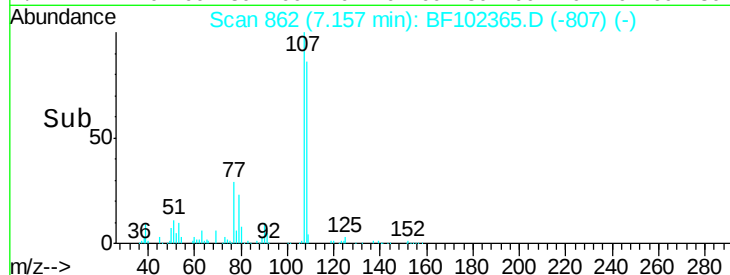


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Tgt Ion:136 Resp: 387949

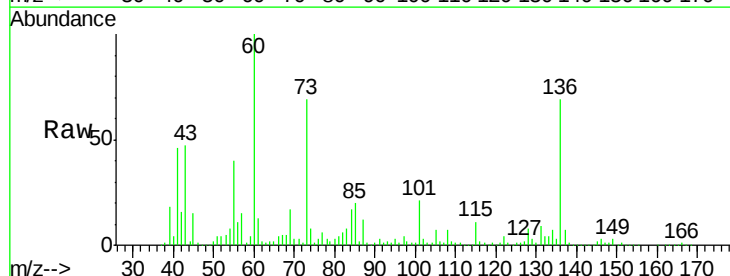
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 11.3 6.6 9.8#

68 7.6 5.0 7.4#

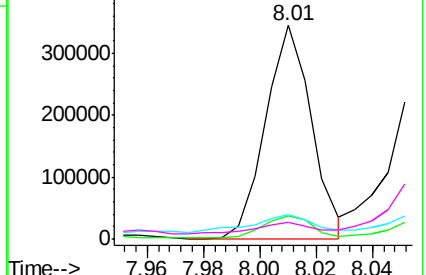
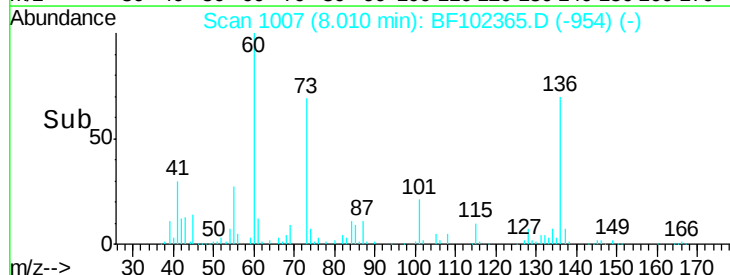


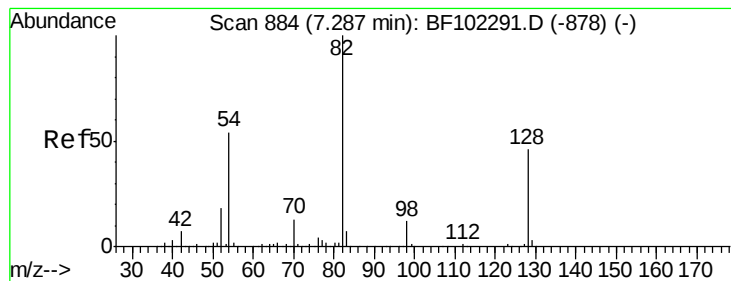
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 95.720 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampleId :

TW-3

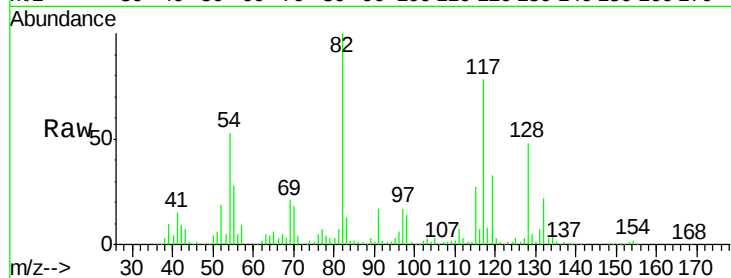
Tgt Ion: 82 Resp: 646187

Ion Ratio Lower Upper

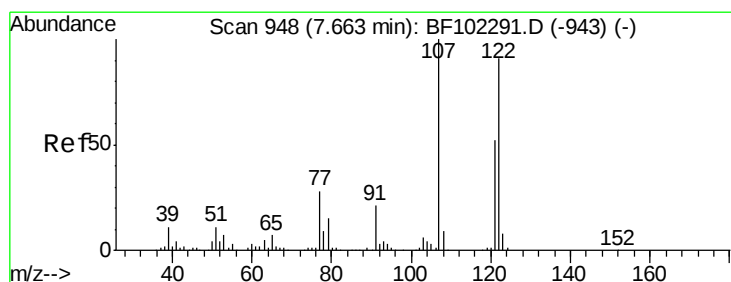
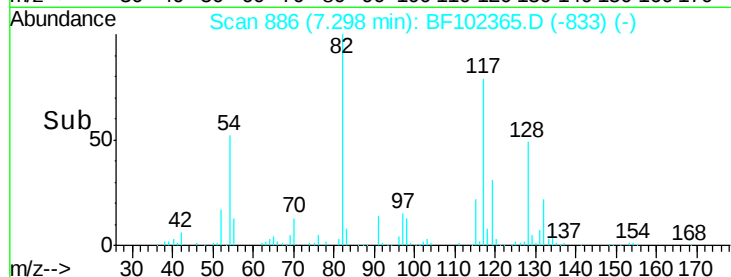
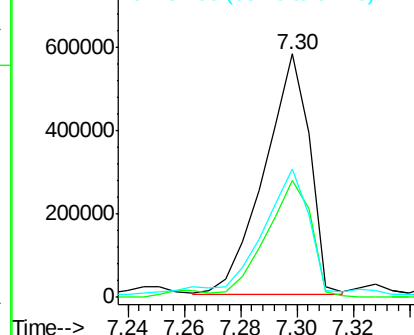
82 100

128 48.0 36.1 54.1

54 53.0 41.4 62.2



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



#27

2,4-Dimethylphenol

Concen: 41.156 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.03 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

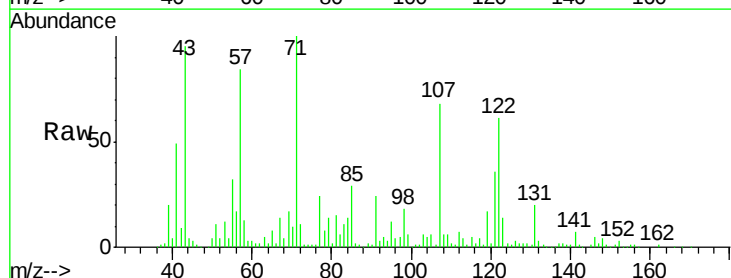
Tgt Ion: 122 Resp: 217292

Ion Ratio Lower Upper

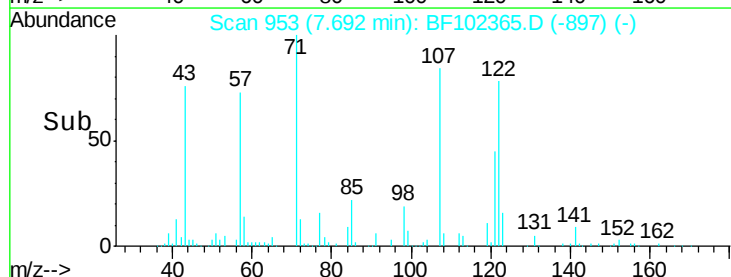
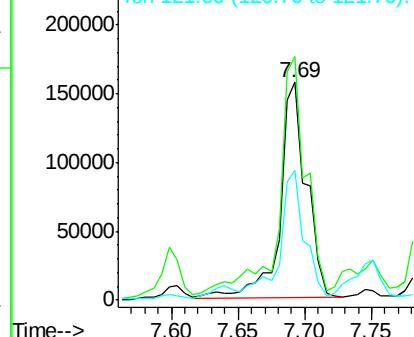
122 100

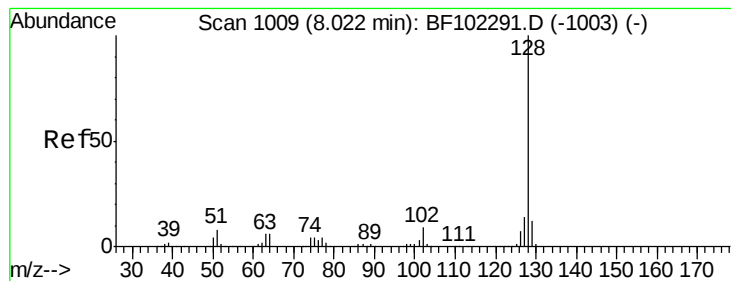
107 111.8 91.2 136.8

121 59.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 107.00 (106.70 to 107.70): BF1
Ion 121.00 (120.70 to 121.70): BF1





#31

Naphthalene

Concen: 140.620 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampleId :

TW-3

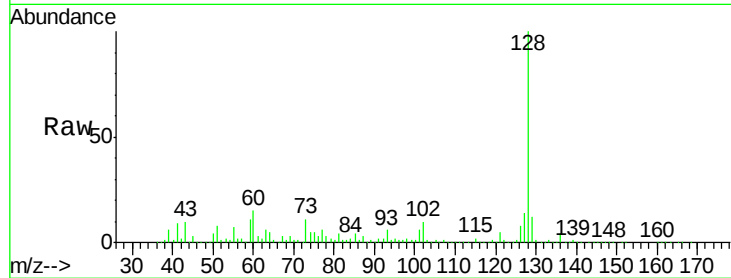
Tgt Ion:128 Resp: 2723776

Ion Ratio Lower Upper

128 100

129 12.3 8.8 13.2

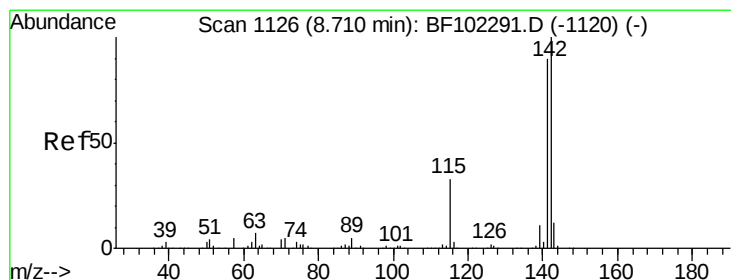
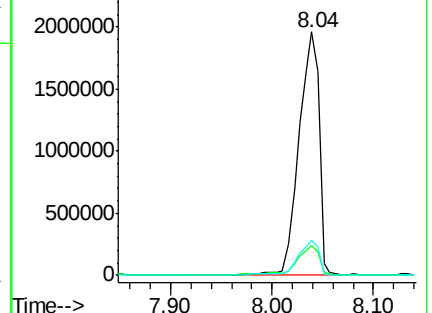
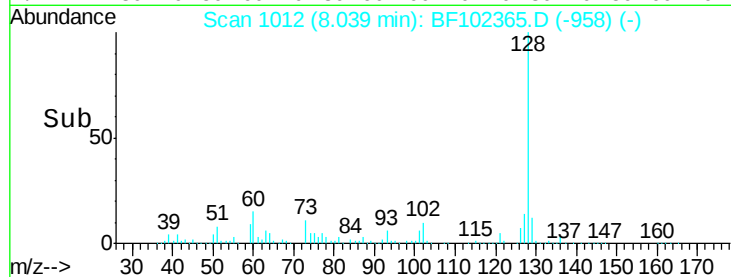
127 14.2 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 24.055 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

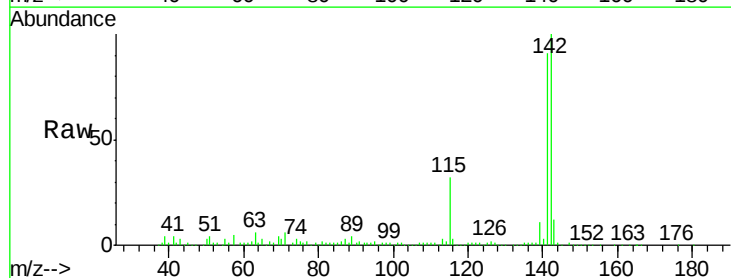
Tgt Ion:142 Resp: 310302

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

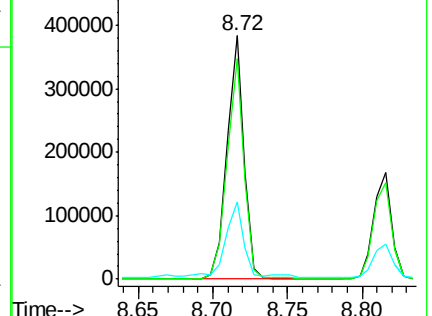
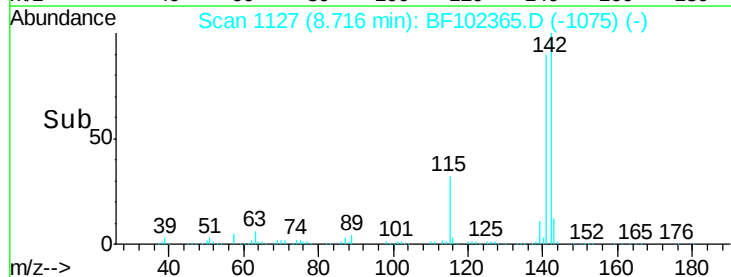
115 31.9 26.1 39.1

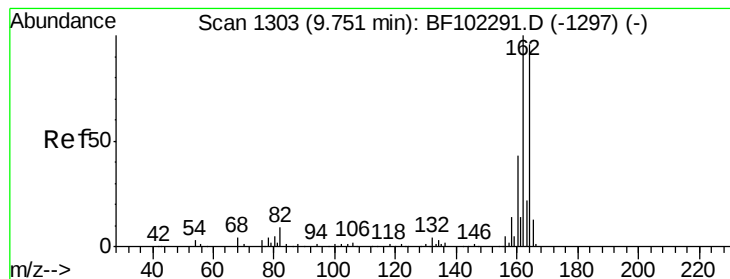


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

Instrument :

BNA_F

ClientSampleId :

TW-3

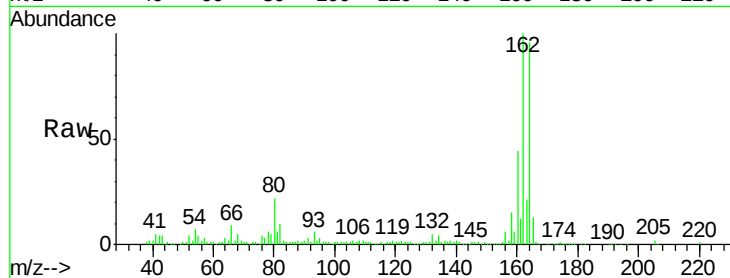
Tgt Ion:164 Resp: 215994

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

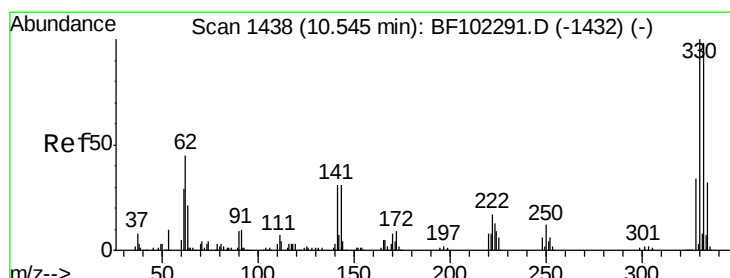
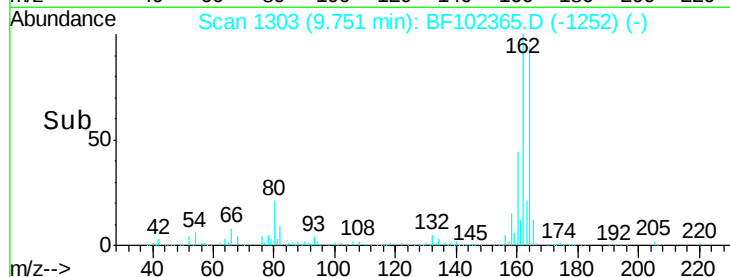
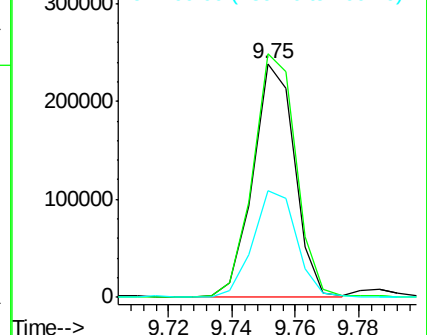
160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.236 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102365.D

Acq: 24 Jan 2018 1:48

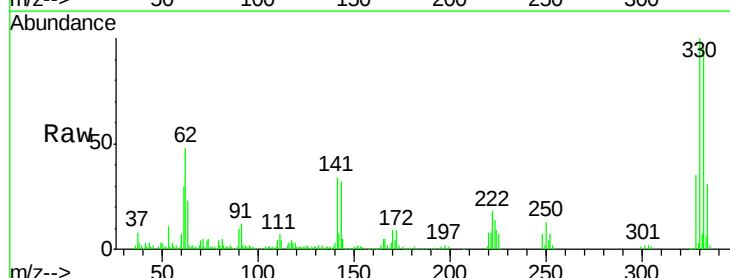
Tgt Ion:330 Resp: 208103

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

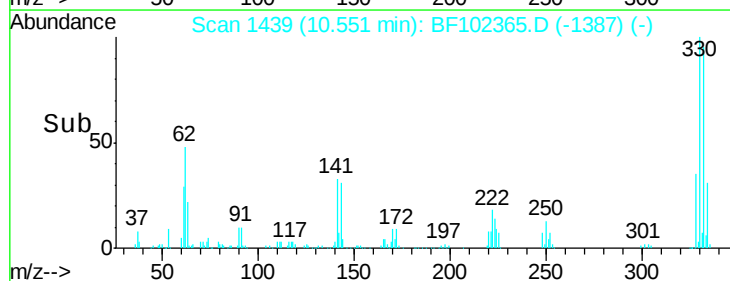
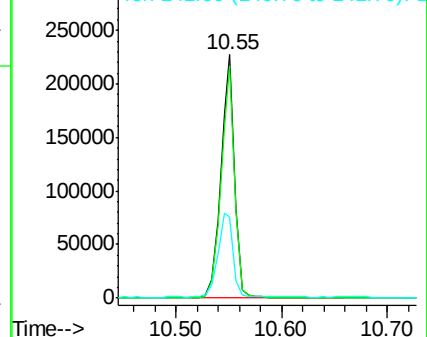
141 38.8 29.9 44.9

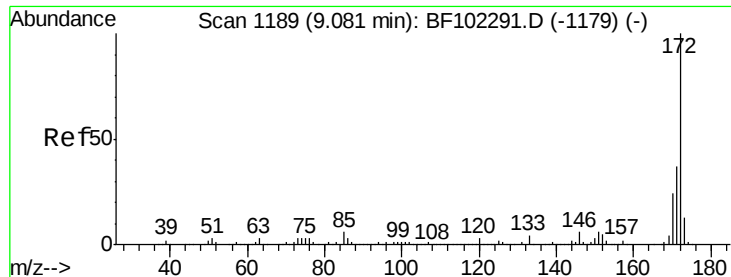


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

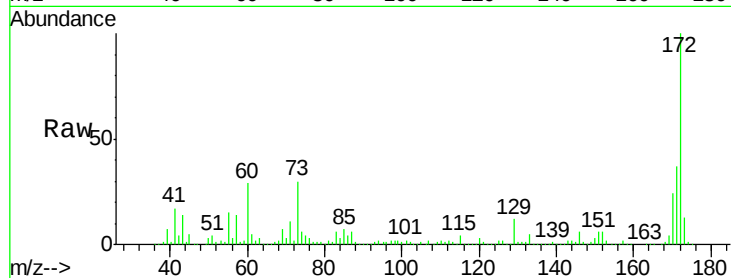




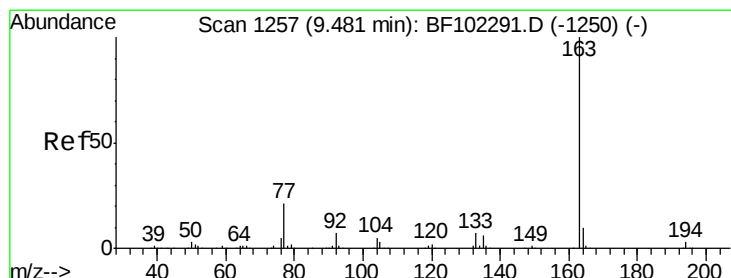
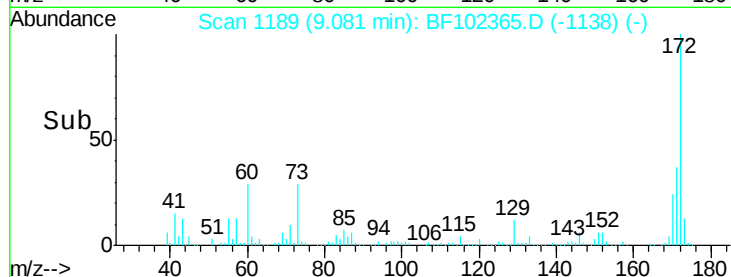
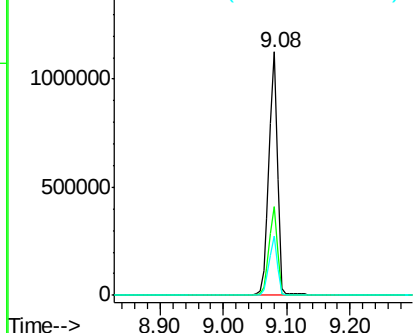
#44
2-Fluorobiphenyl
Concen: 74.311 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:172 Resp: 1091626
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4

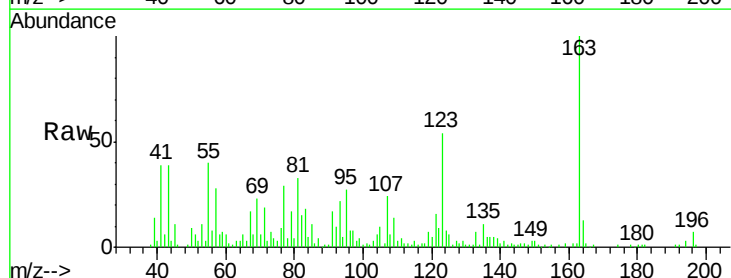


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

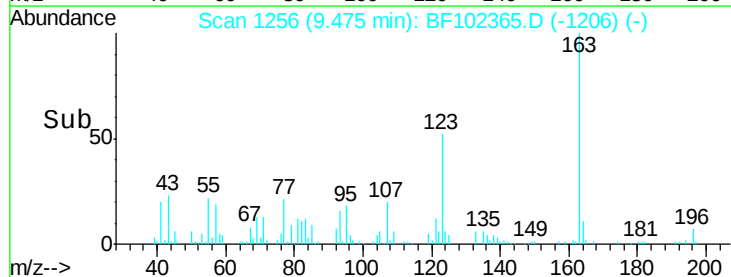
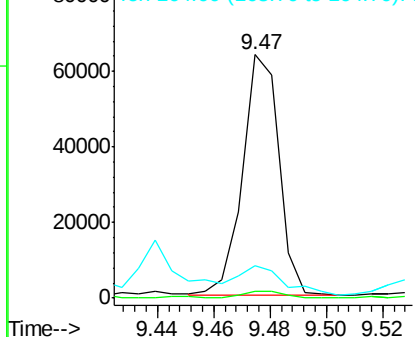


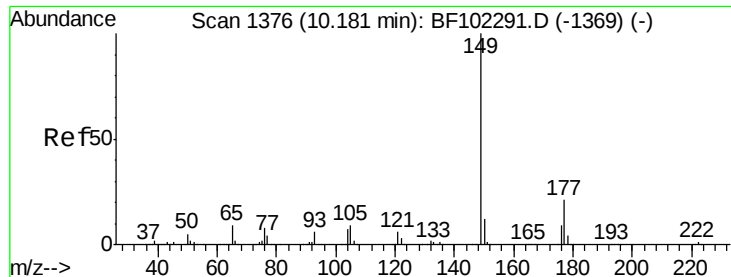
#49
Dimethylphthalate
Concen: 3.205 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:163 Resp: 57227
Ion Ratio Lower Upper
163 100
194 2.7 2.7 4.1
164 13.4 8.2 12.2#



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

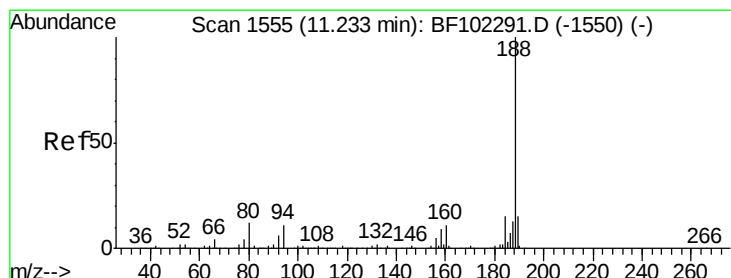
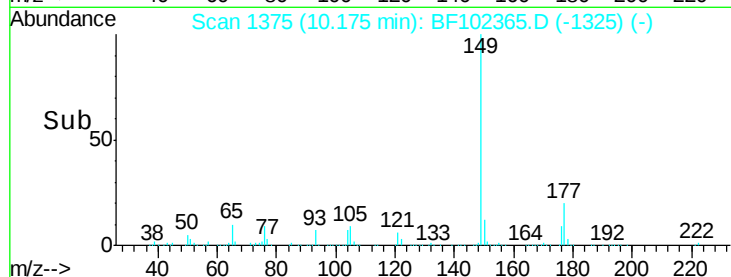
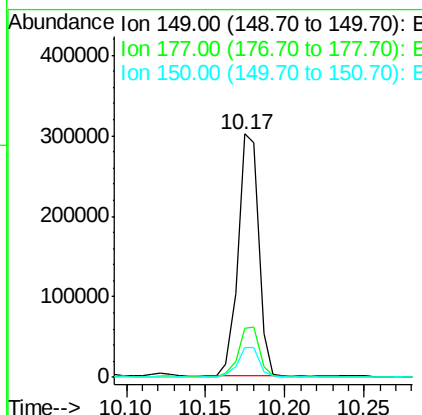
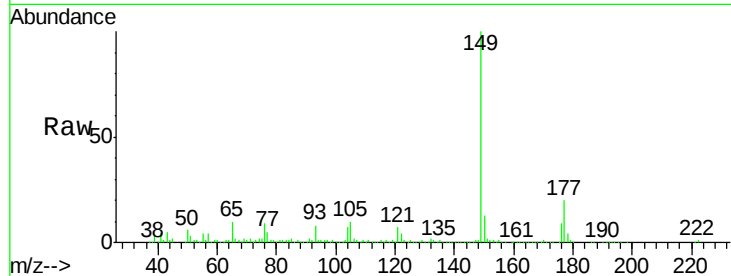




#59
Diethylphthalate
Concen: 15.634 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

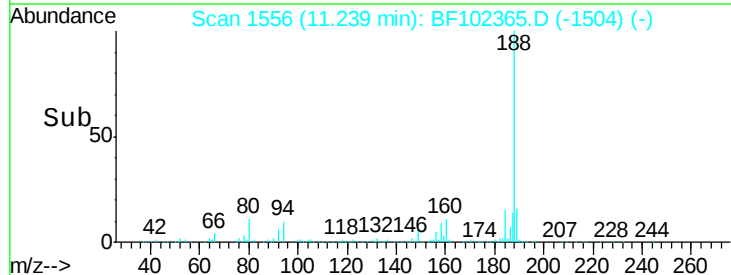
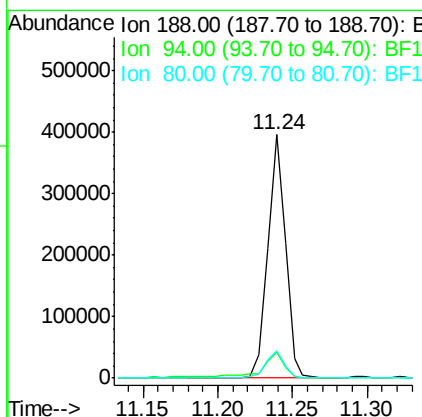
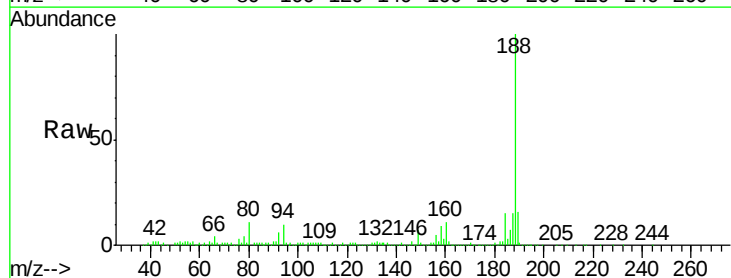
Instrument :
BNA_F
ClientSampleId :
TW-3

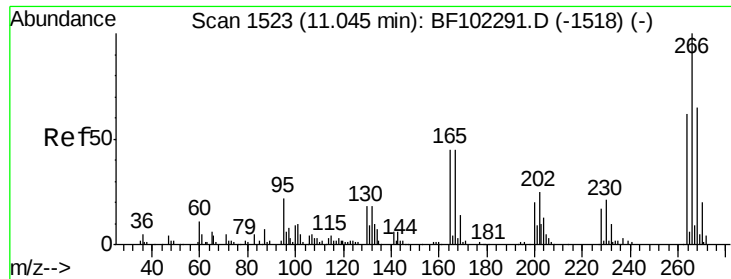
Tgt Ion:149 Resp: 271226
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.5 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:188 Resp: 322204
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8

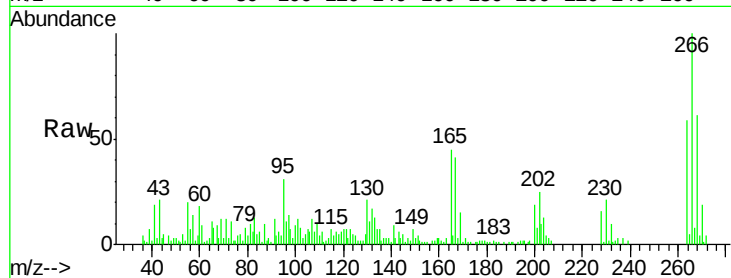




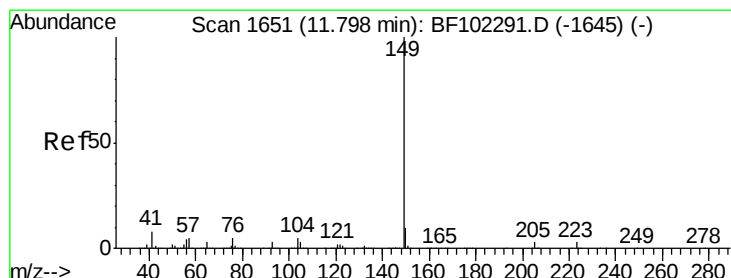
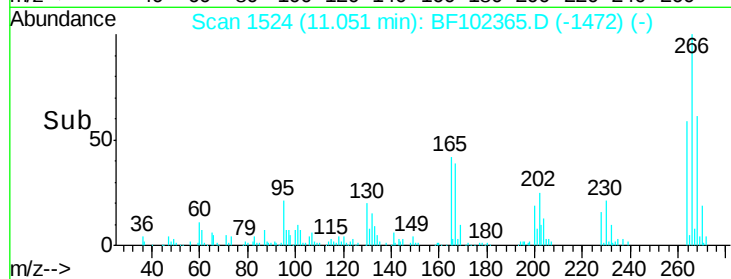
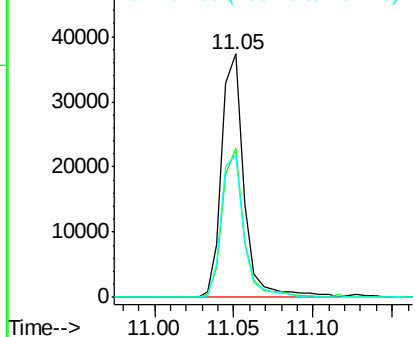
#69
 Pentachlorophenol
 Concen: 18.045 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102365.D
 Acq: 24 Jan 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tgt Ion: 266 Resp: 36771
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 58.7 49.5 74.3

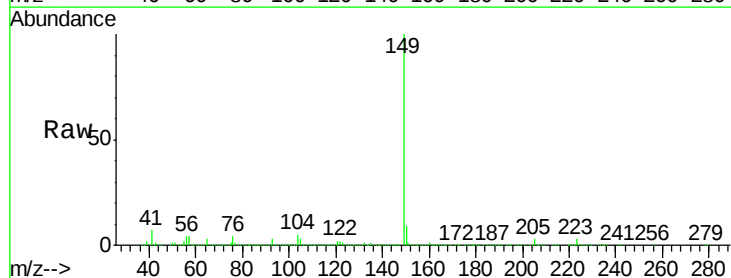


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

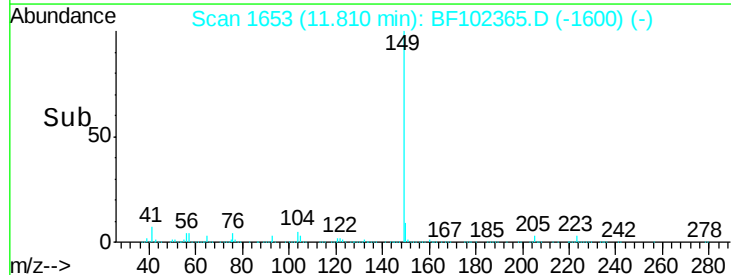
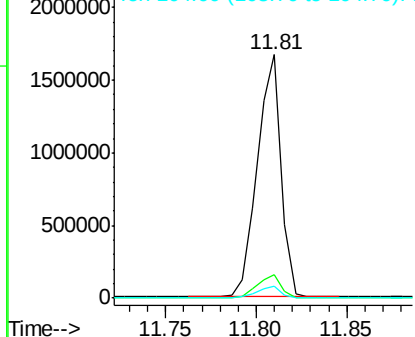


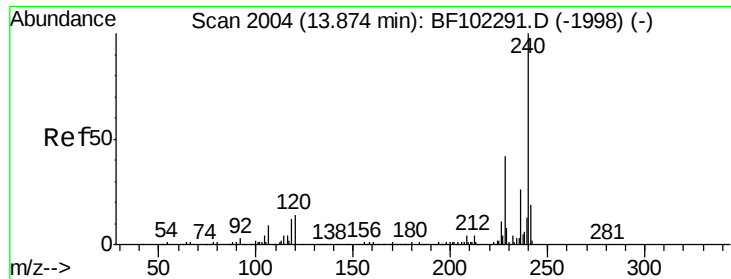
#73
 Di-n-butylphthalate
 Concen: 64.571 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF102365.D
 Acq: 24 Jan 2018 1:48

Tgt Ion: 149 Resp: 1508990
 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

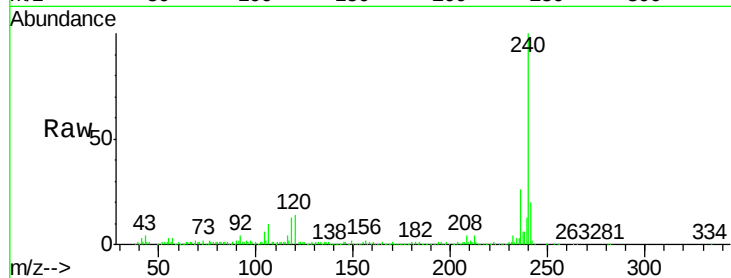




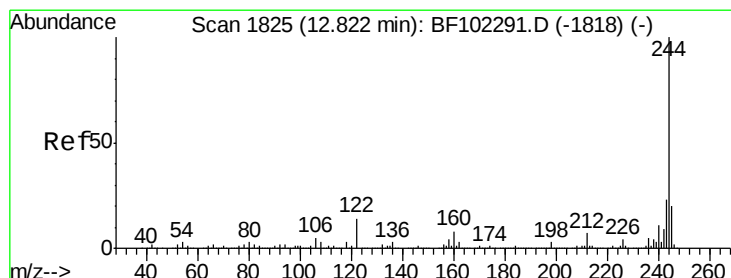
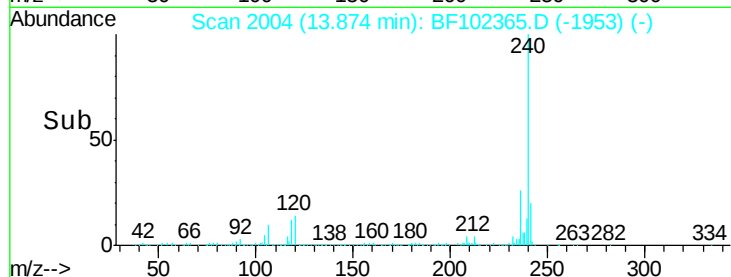
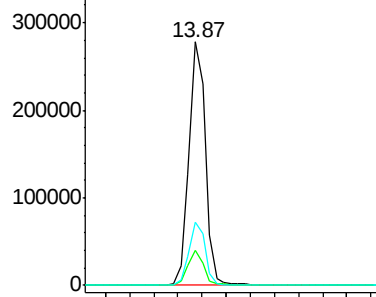
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:240 Resp: 261162
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.8 20.7 31.1

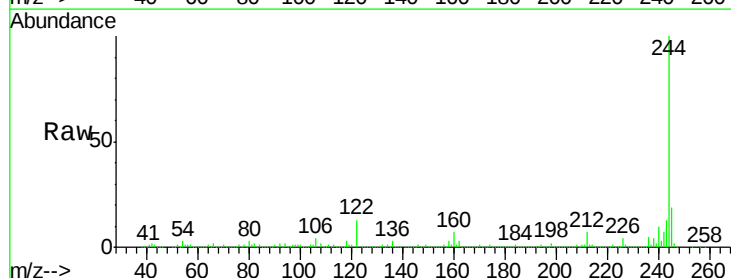


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

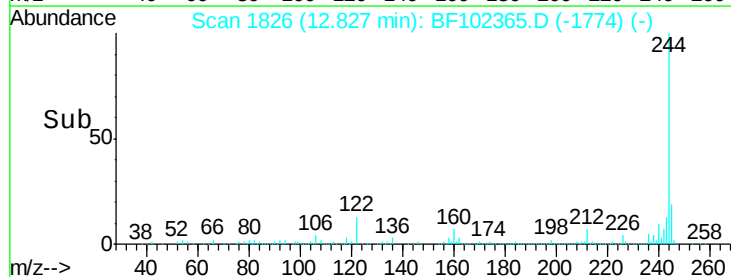
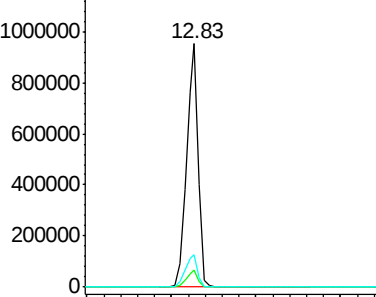


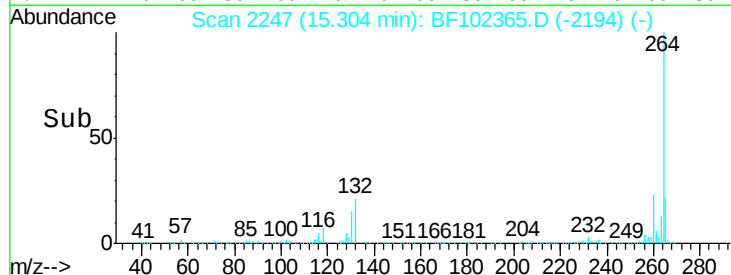
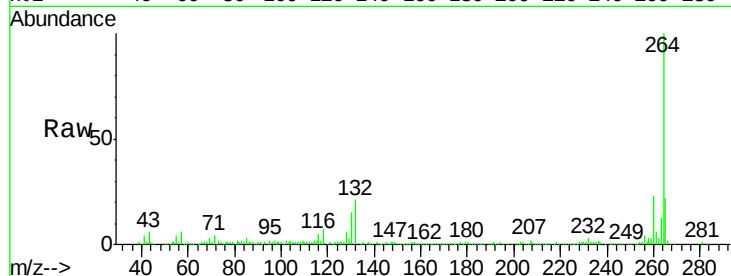
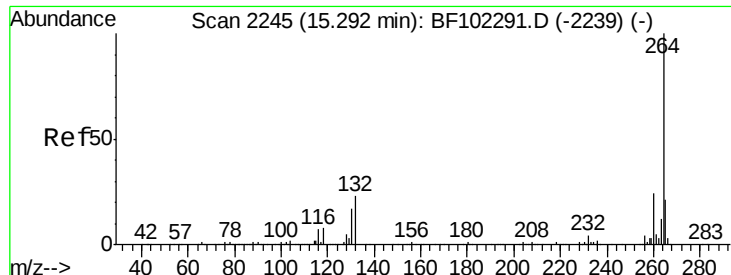
#78
Terphenyl-d14
Concen: 80.813 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:244 Resp: 936194
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.3 11.0 16.4



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





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:	264	Resp:	212686
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

