

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103286.D
 Acq On : 28 Feb 2018 2:28
 Operator : SJ/JU
 Sample : J1683-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW08-GW

Quant Time: Feb 28 04:20:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

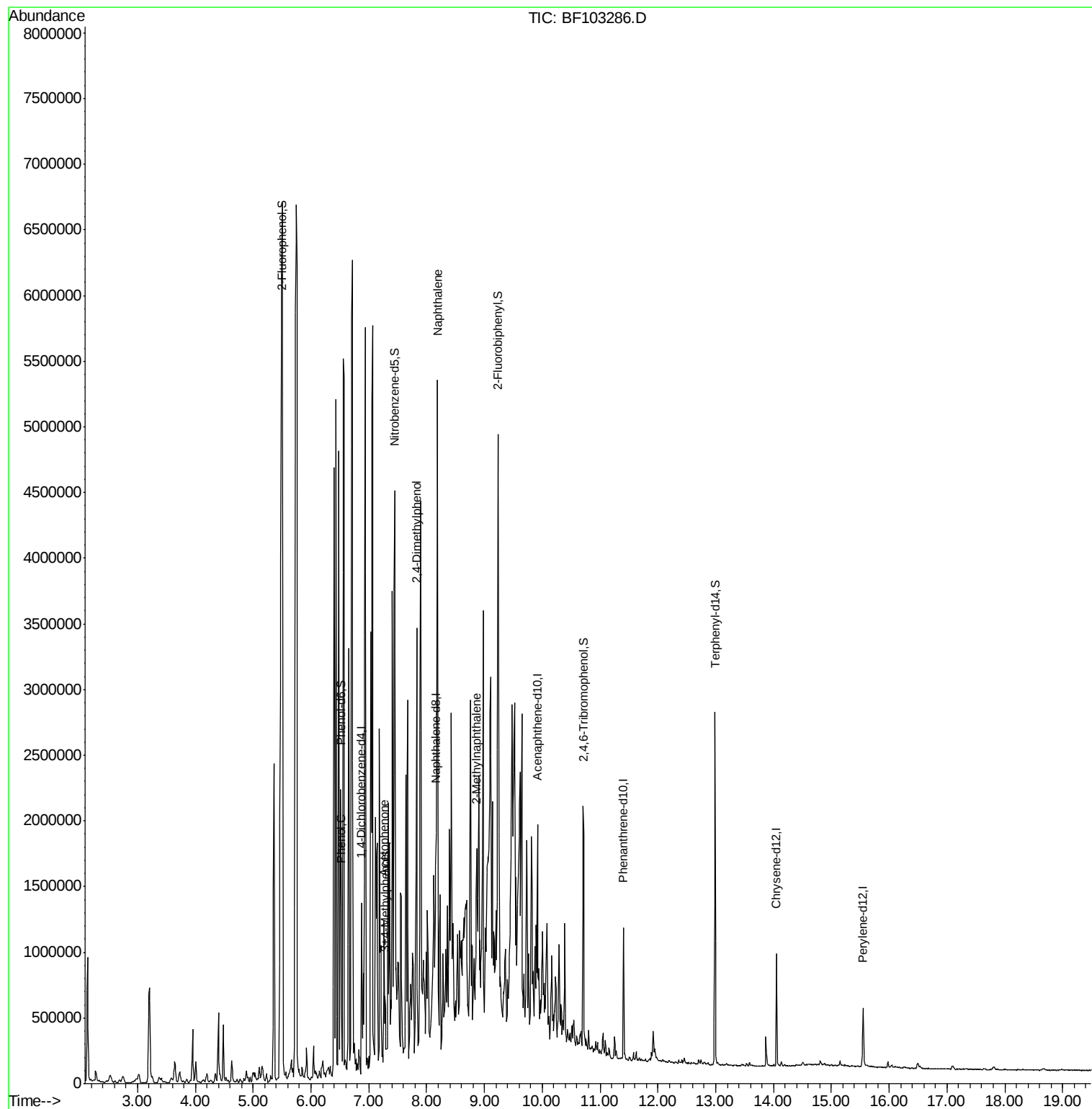
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165068	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	624639	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	246509	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	362900	20.00	ng	0.00
75) Chrysene-d12	14.05	240	271334	20.00	ng	0.00
86) Perylene-d12	15.55	264	210135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	287438	26.34	ng	0.00
7) Phenol-d6	6.52	99	483045	36.17	ng	0.00
23) Nitrobenzene-d5	7.45	82	863129	78.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	216540	103.78	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1159256	79.84	ng	0.00
78) Terphenyl-d14	12.99	244	915284	81.09	ng	0.00
Target Compounds						
10) Phenol	6.53	94	32046	2.067	ng	# 69
20) 3+4-Methylphenols	7.29	107	56150	4.471	ng	# 53
22) Acetophenone	7.26	105	481310	33.011	ng	# 58
27) 2,4-Dimethylphenol	7.83	122	271651	31.349	ng	# 91
31) Naphthalene	8.19	128	2683159	87.739	ng	# 98
37) 2-Methylnaphthalene	8.87	142	138011	6.983	ng	# 96

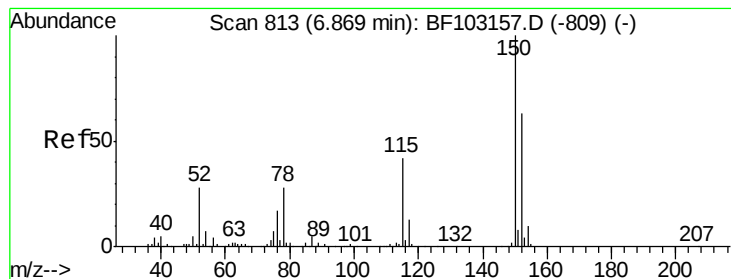
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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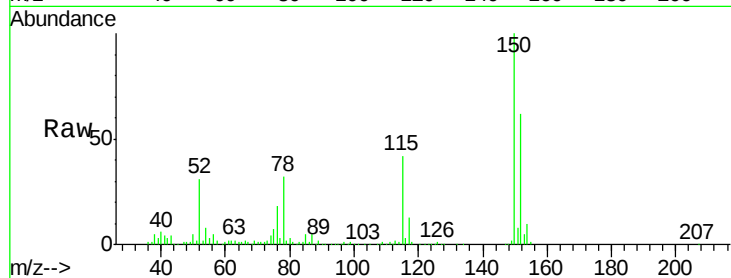


#1

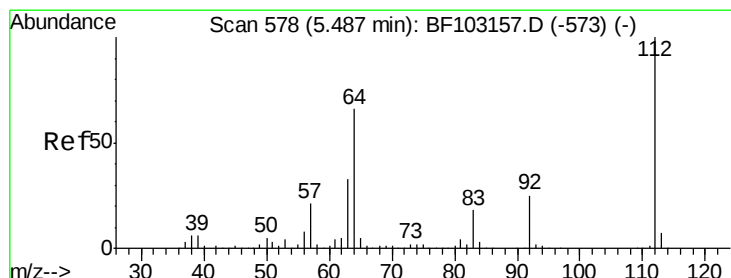
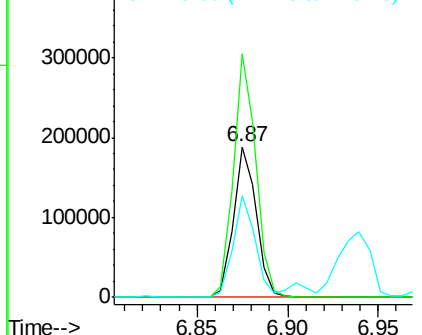
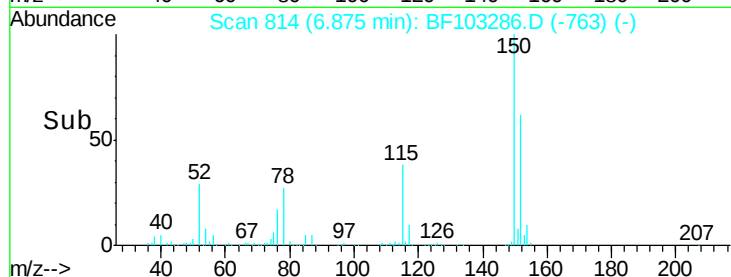
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	67.7	50.1	75.1



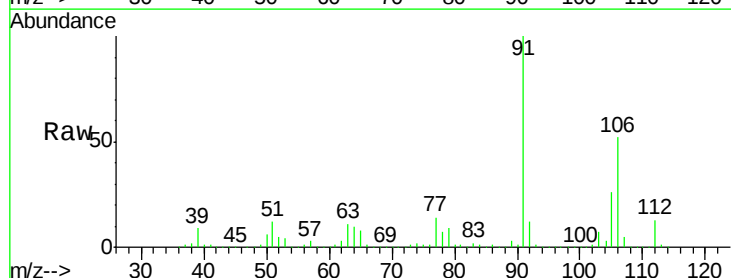
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



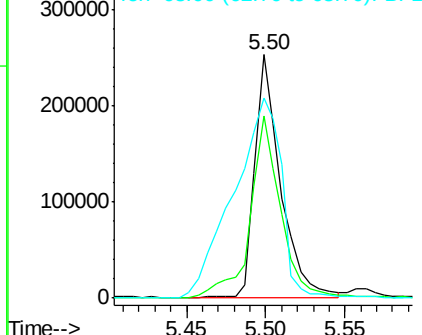
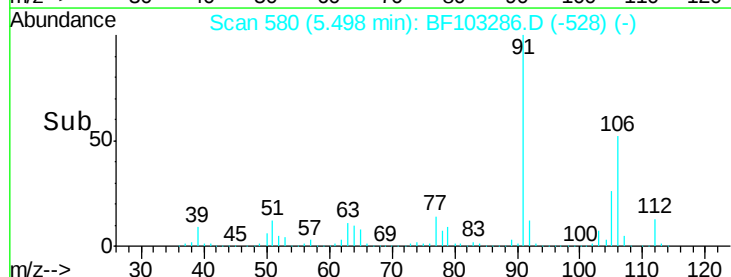
#5

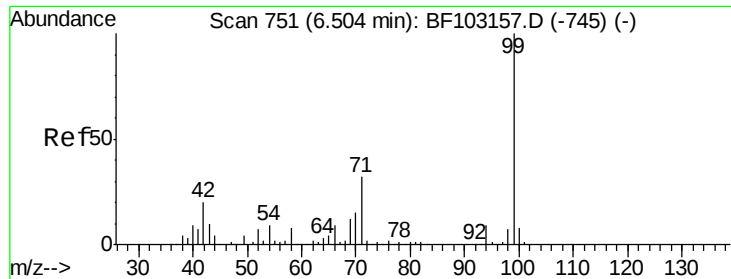
2-Fluorophenol
Concen: 26.336 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	82.3	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





#7

Phenol-d6

Concen: 36.169 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

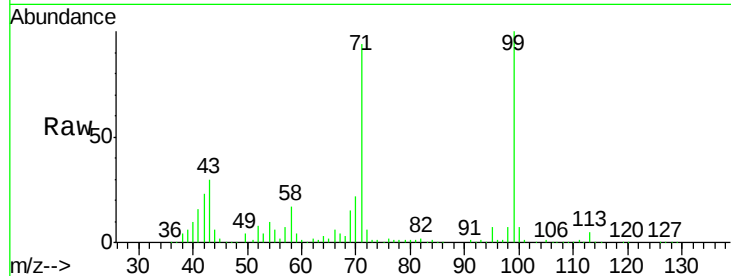
Tot Ion: 99 Resp: 483045

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

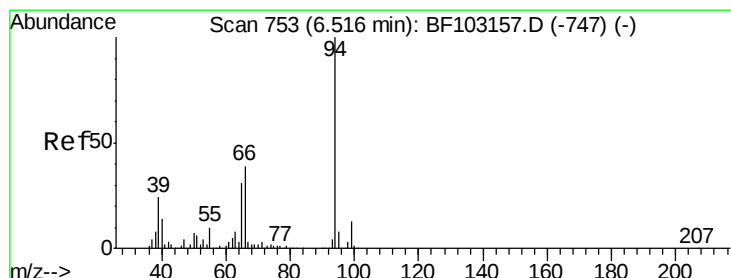
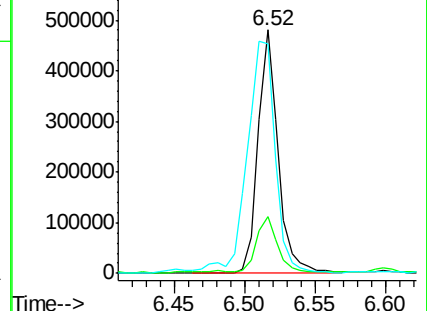
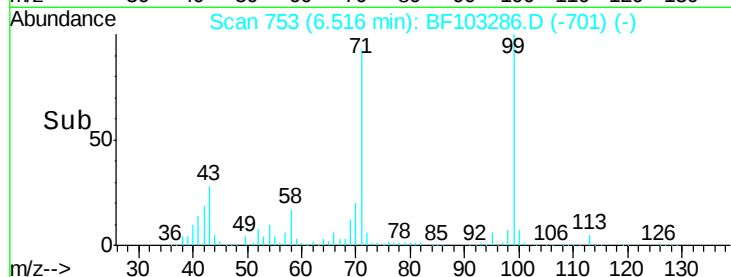
71 94.3 25.4 38.0#



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



#10

Phenol

Concen: 2.067 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

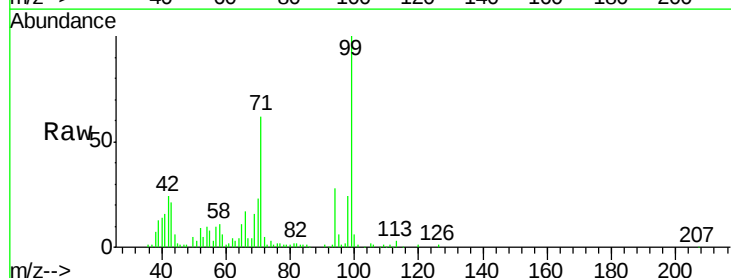
Tgt Ion: 94 Resp: 32046

Ion Ratio Lower Upper

94 100

65 39.1 7.9 47.9

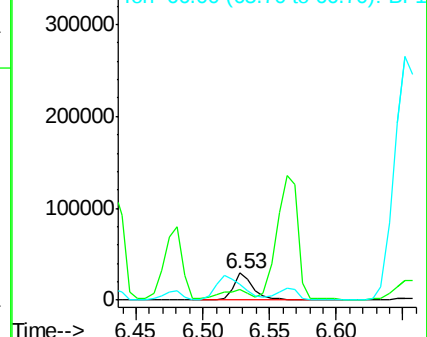
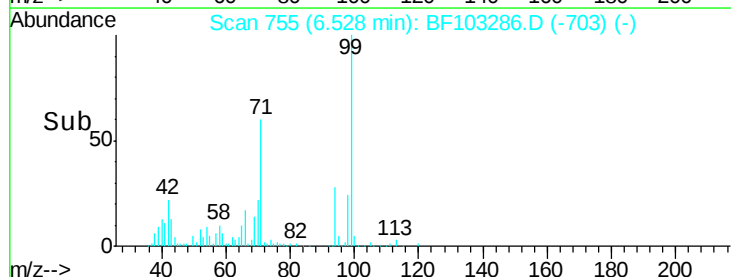
66 59.4 16.2 56.2#

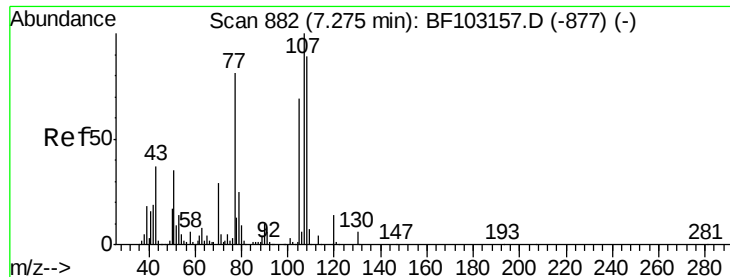


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

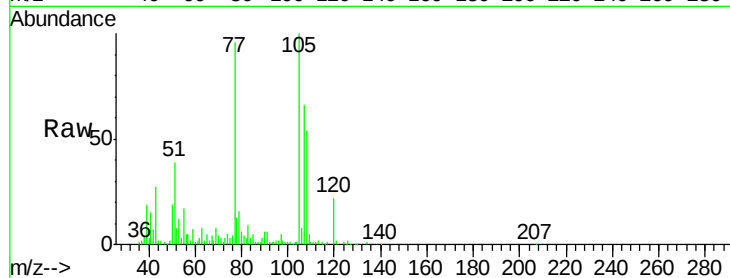




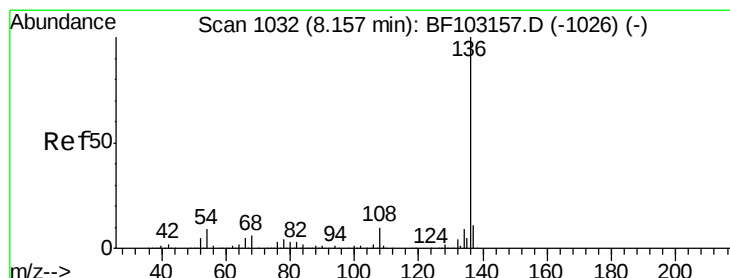
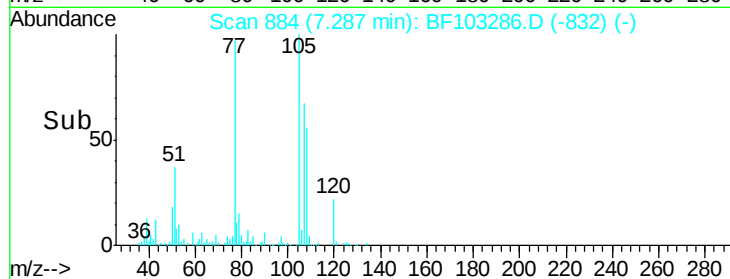
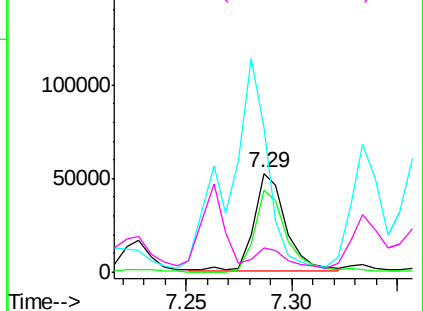
#20
3+4-Methylphenols
Concen: 4.471 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

Tot Ion:107	Resp:	56150
Ion Ratio	Lower	Upper
107	100	
108	82.4	68.2 108.2
77	145.8	26.7 66.7#
79	24.8	6.3 46.3

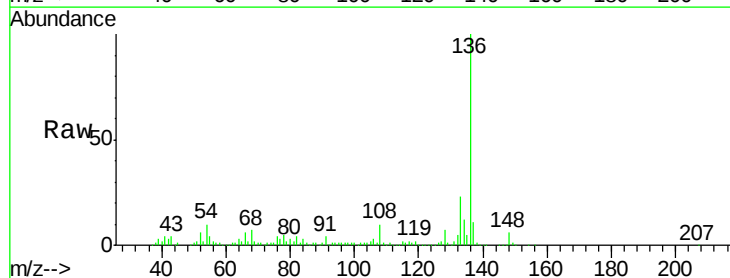


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

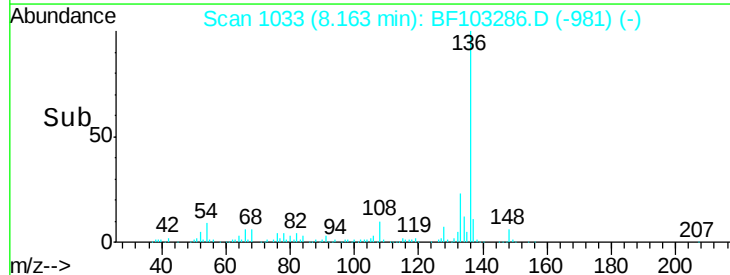
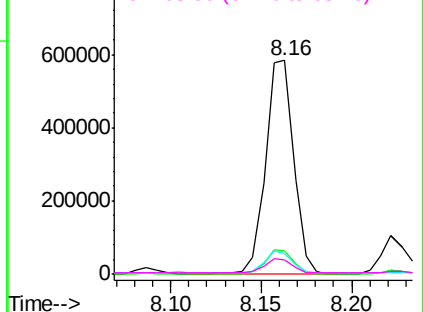


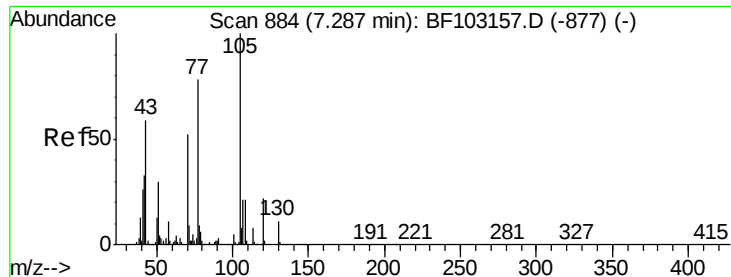
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Tgt Ion:136	Resp:	624639
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.6	6.6 9.8
68	6.6	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

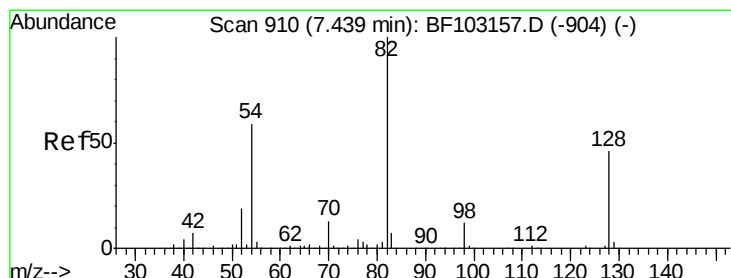
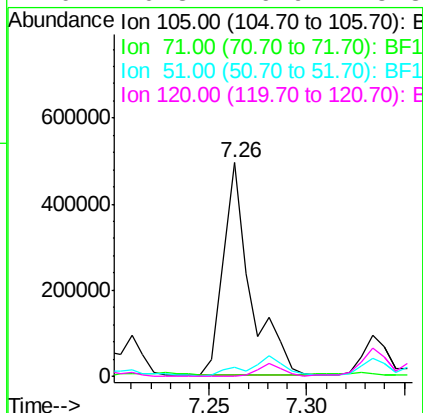
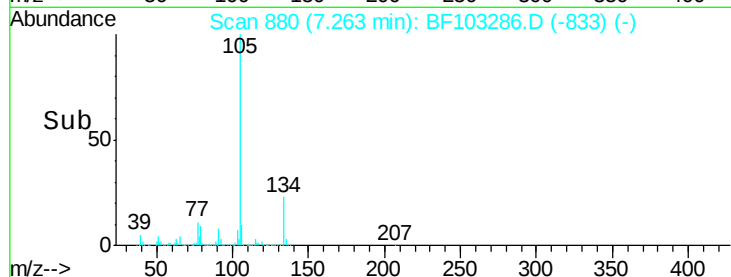
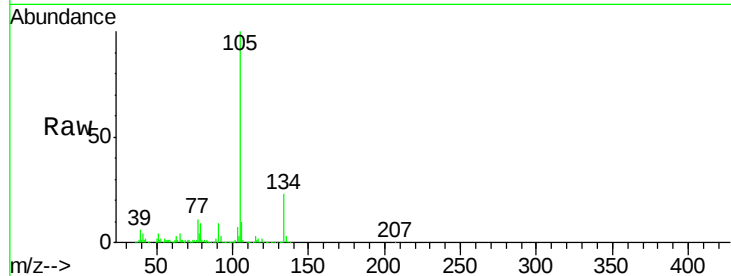




#22
Acetophenone
Concen: 33.011 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

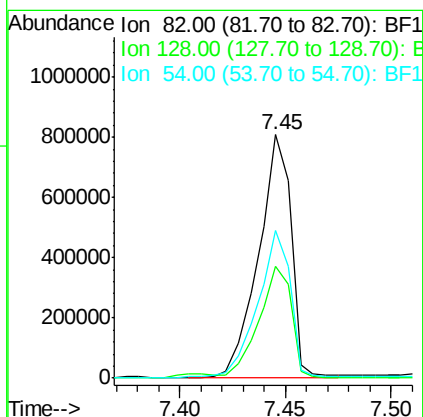
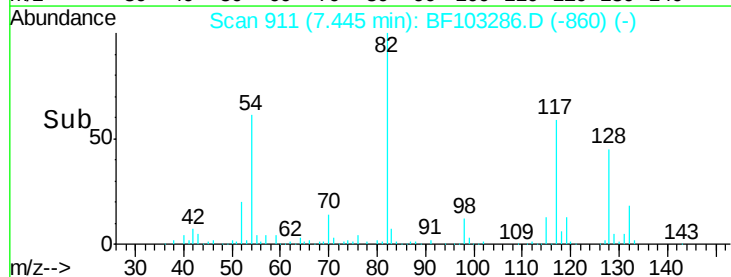
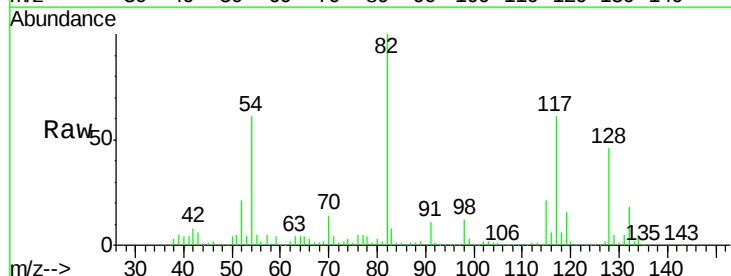
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

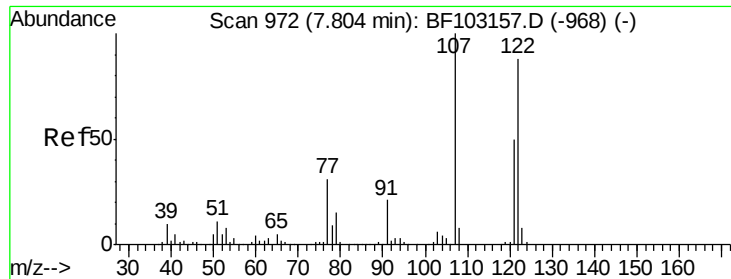
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.6	4.4	6.6#
51	4.5	22.3	33.5#
120	0.3	16.9	25.3#



#23
Nitrobenzene-d5
Concen: 78.913 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	60.9	41.4	62.2





#27

2,4-Dimethylphenol

Concen: 31.349 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.02 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

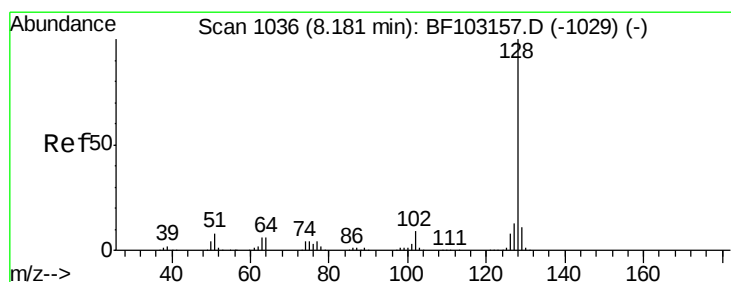
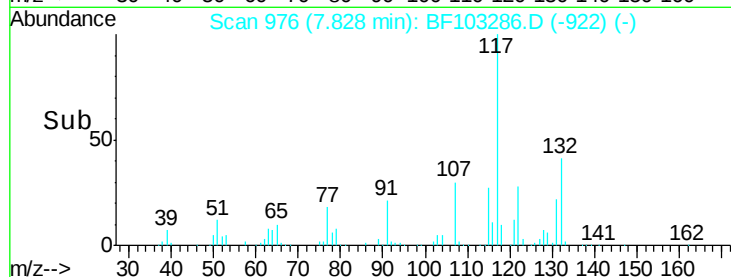
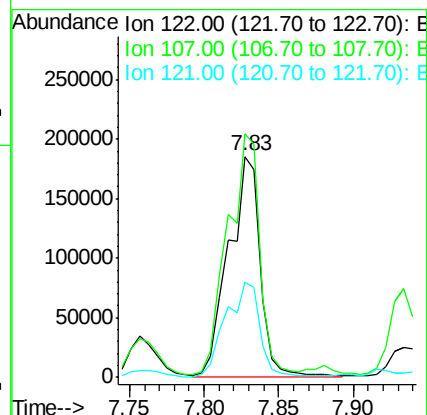
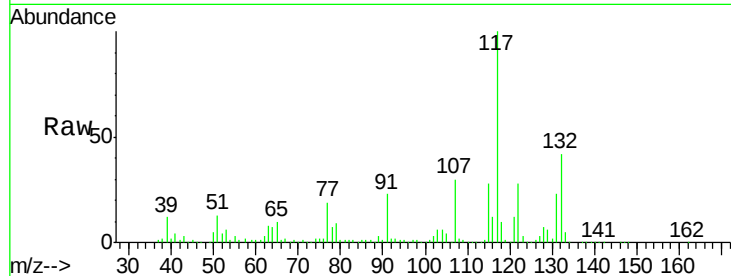
Tot Ion:122 Resp: 271651

Ion Ratio Lower Upper

122 100

107 110.4 91.2 136.8

121 43.0 47.2 70.8#



#31

Naphthalene

Concen: 87.739 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

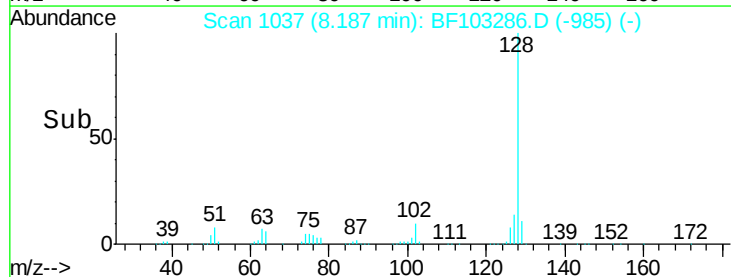
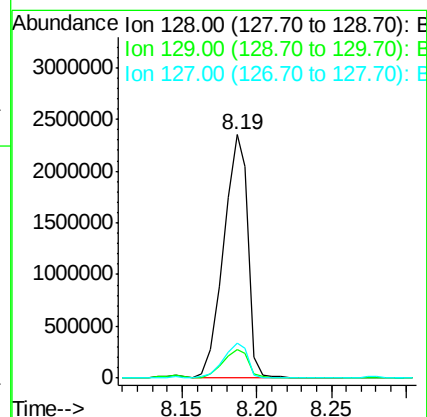
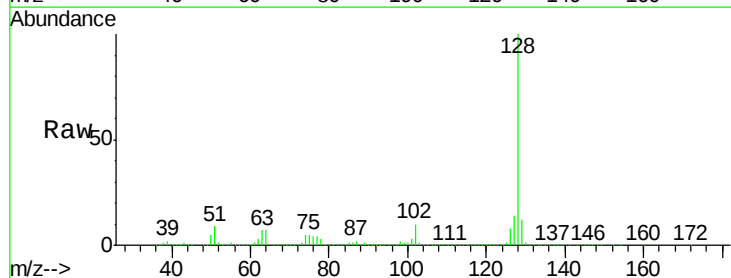
Tgt Ion:128 Resp: 2683159

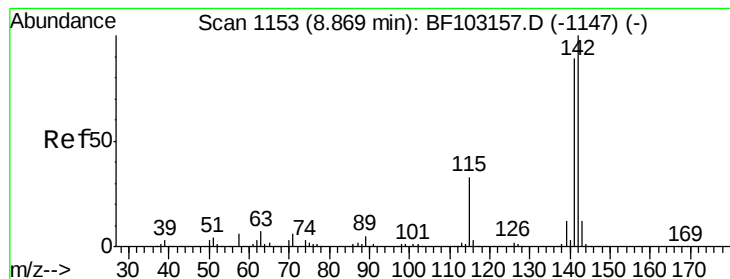
Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 14.2 10.9 16.3





#37

2-Methylnaphthalene

Concen: 6.983 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

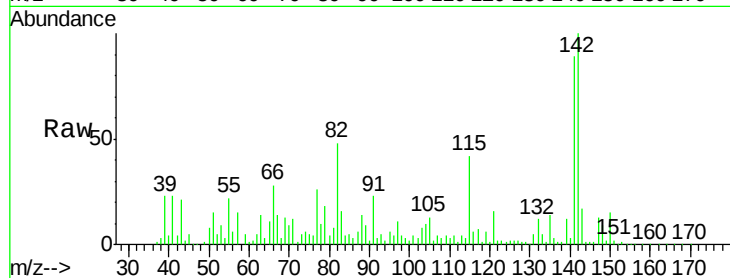
Tot Ion:142 Resp: 138011

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

115 41.7 26.1 39.1#

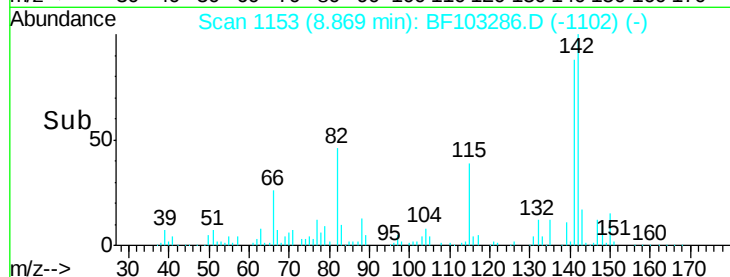


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->

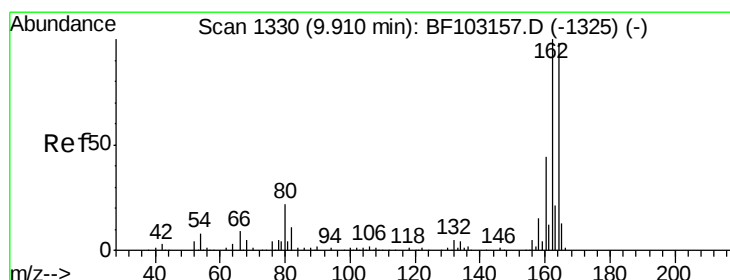


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

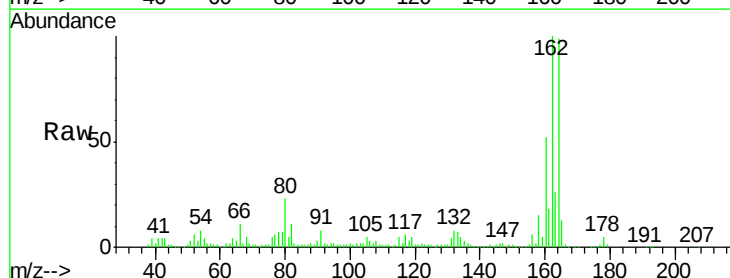
Tgt Ion:164 Resp: 246509

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

160 52.9 38.3 57.5

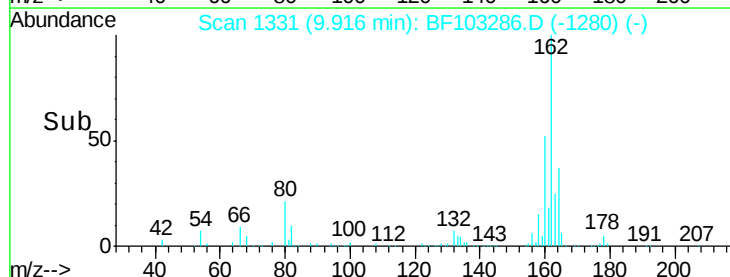


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

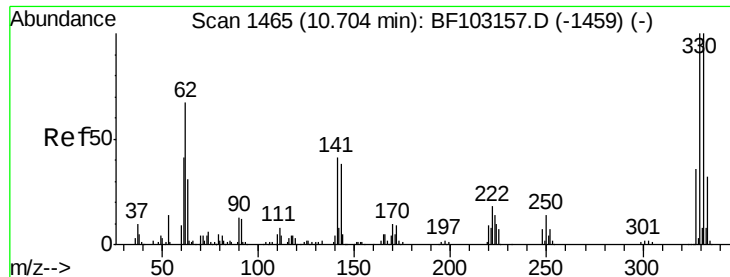


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

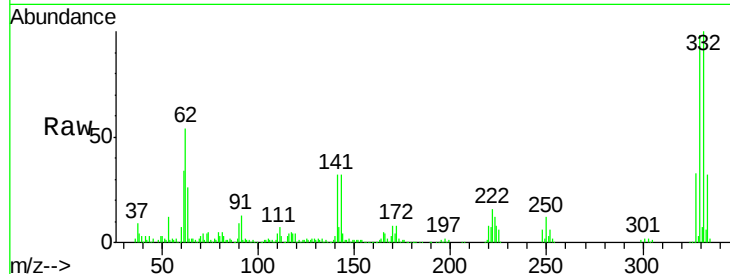
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 103.778 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103286.D
 Acq: 28 Feb 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	43.0	29.9	44.9

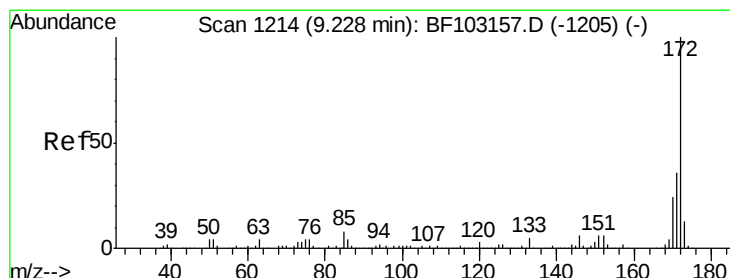
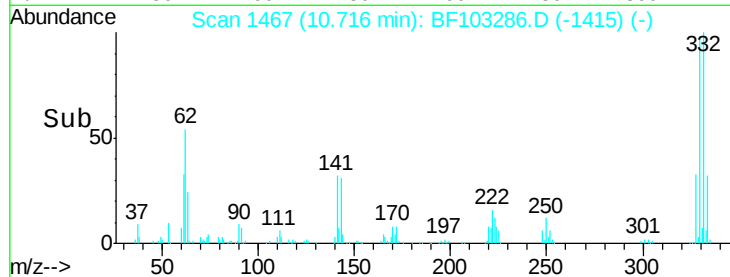
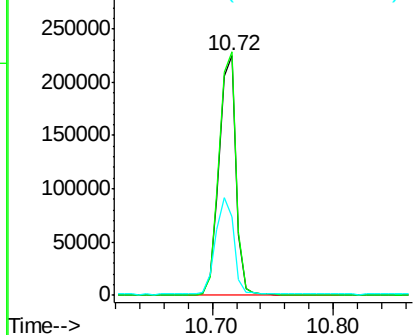


Abundance

Ion 329.80 (329.50 to 330.50): E

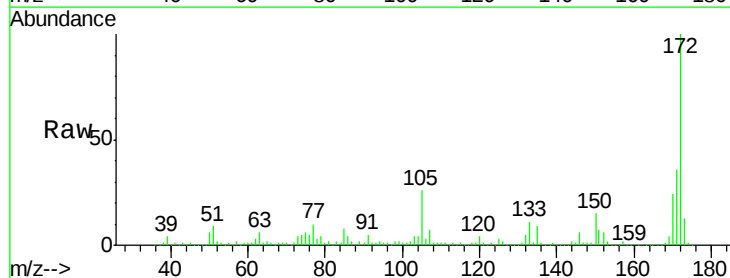
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.837 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103286.D
 Acq: 28 Feb 2018 2:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

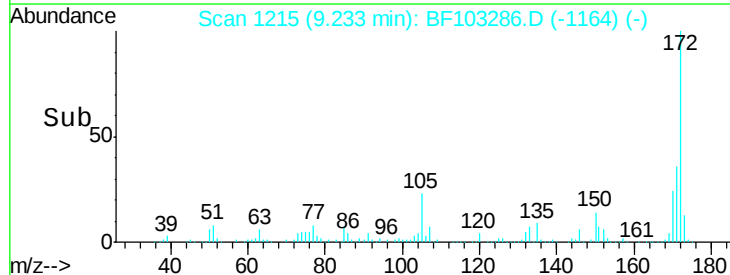
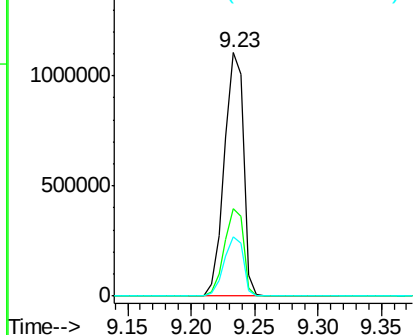


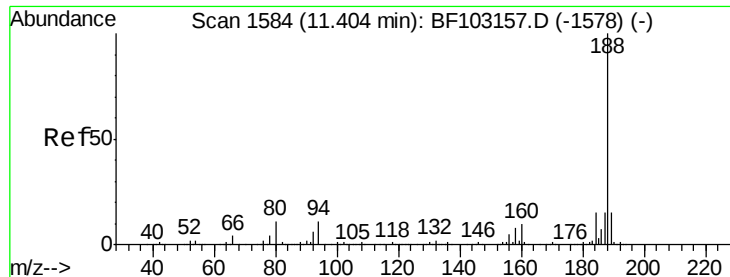
Abundance

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

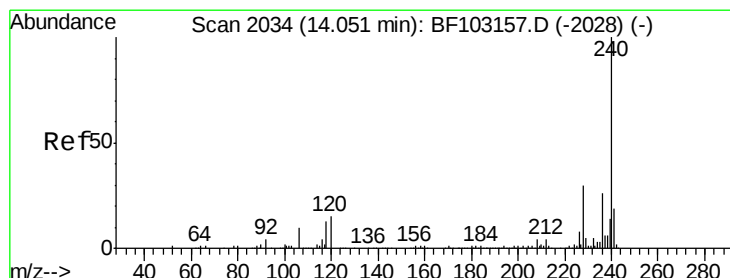
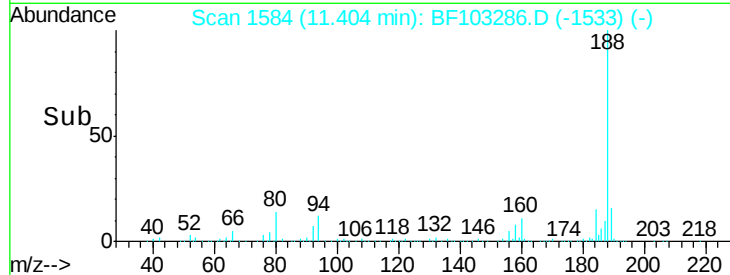
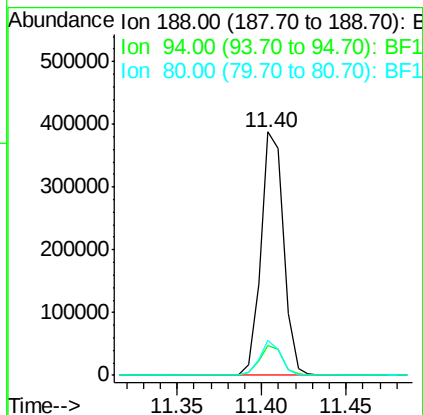
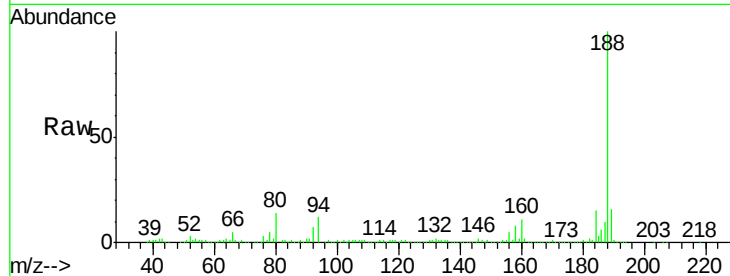




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

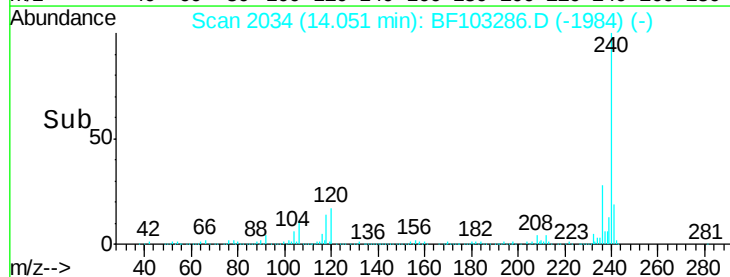
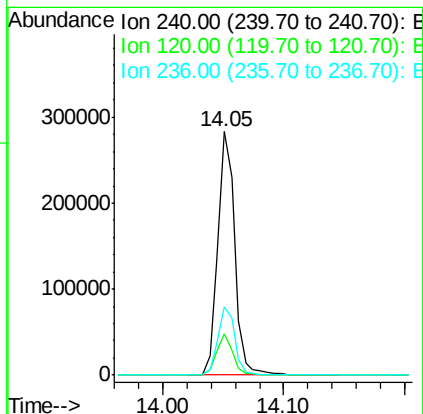
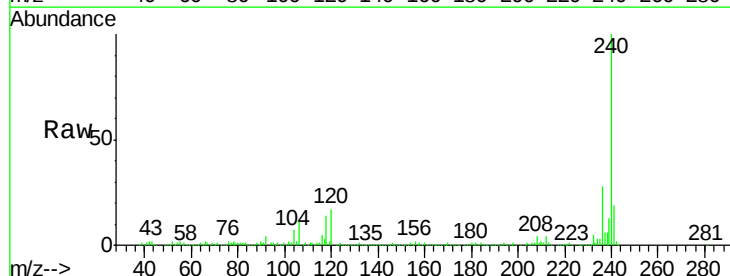
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW08-GW

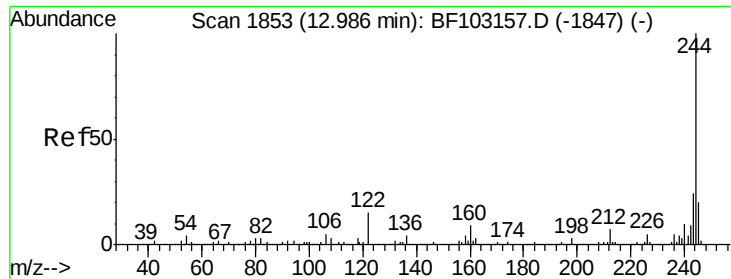
Tot Ion:188 Resp: 362900
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 14.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103286.D
Acq: 28 Feb 2018 2:28

Tgt Ion:240 Resp: 271334
Ion Ratio Lower Upper
240 100
120 16.9 9.5 14.3#
236 27.8 20.7 31.1





#78

Terphenyl-d14

Concen: 81.089 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW08-GW

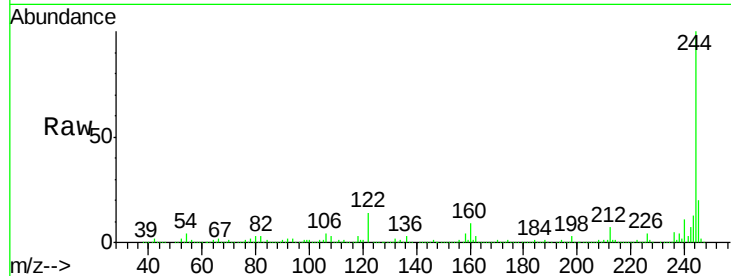
Tot Ion:244 Resp: 915284

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

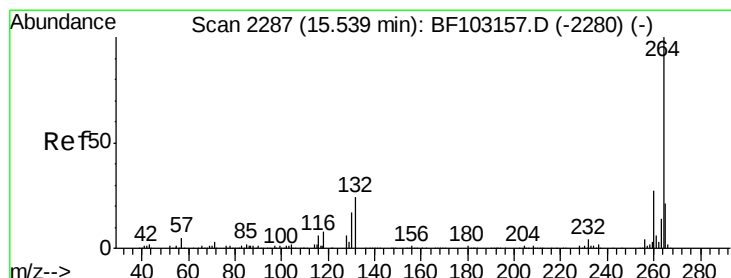
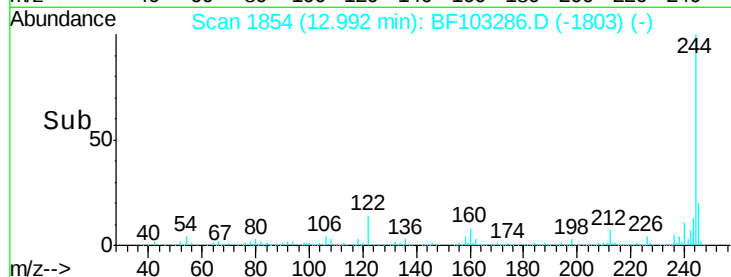
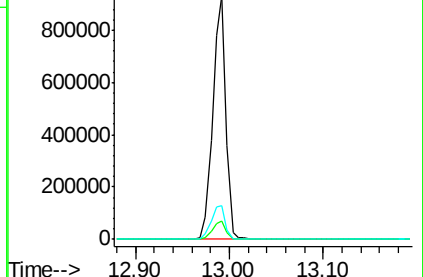
122 13.9 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF103286.D

Acq: 28 Feb 2018 2:28

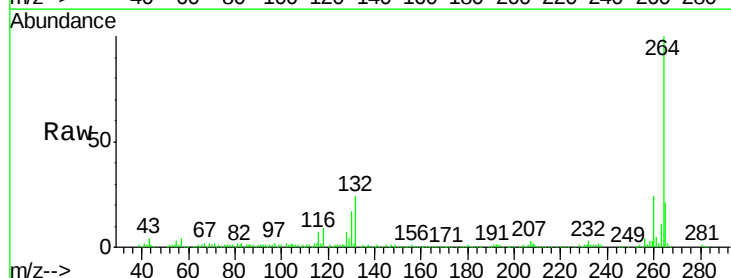
Tgt Ion:264 Resp: 210135

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

