

Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Quant Time: Nov 13 04:44:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133291	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	492091	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	201101	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	314206	20.00	ng	0.00
75) Chrysene-d12	14.06	240	283528	20.00	ng	0.00
86) Perylene-d12	15.54	264	199543	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	971653	116.85	ng	0.01
7) Phenol-d6	6.53	99	1199286	116.96	ng	0.00
23) Nitrobenzene-d5	7.46	82	716477	96.26	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	221978	108.32	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1053924	79.80	ng	0.00
78) Terphenyl-d14	13.01	244	804931	65.23	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.54	94	59551	5.53	ng	94
18) Hexachloroethane	7.43	117	10740	3.17	ng	# 1
22) Acetophenone	7.29	105	38173	3.18	ng	# 56
25) Isophorone	7.80	82	53306	3.41	ng	# 63
26) 2-Nitrophenol	7.80	139	1819	5.83	ng	# 1
32) Benzoic acid	7.97	122	2534	9.75	ng	# 22
37) 2-Methylnaphthalene	8.90	142	35471	2.25	ng	94
47) 2-Nitroaniline	9.49	65	555	2.92	ng	# 1
49) Dimethylphthalate	9.65	163	85020	5.54	ng	# 94
53) 2,4-Dinitrophenol	10.16	184	147	7.97	ng	# 36
64) 4,6-Dinitro-2-methylphenol	10.73	198	438	8.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13690	4.06	ng	# 1

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

Data File : BF100467.D

Acq On : 12 Nov 2017 4:23

Operator : SJ/JU

Sample : I6408-02

Misc :

ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

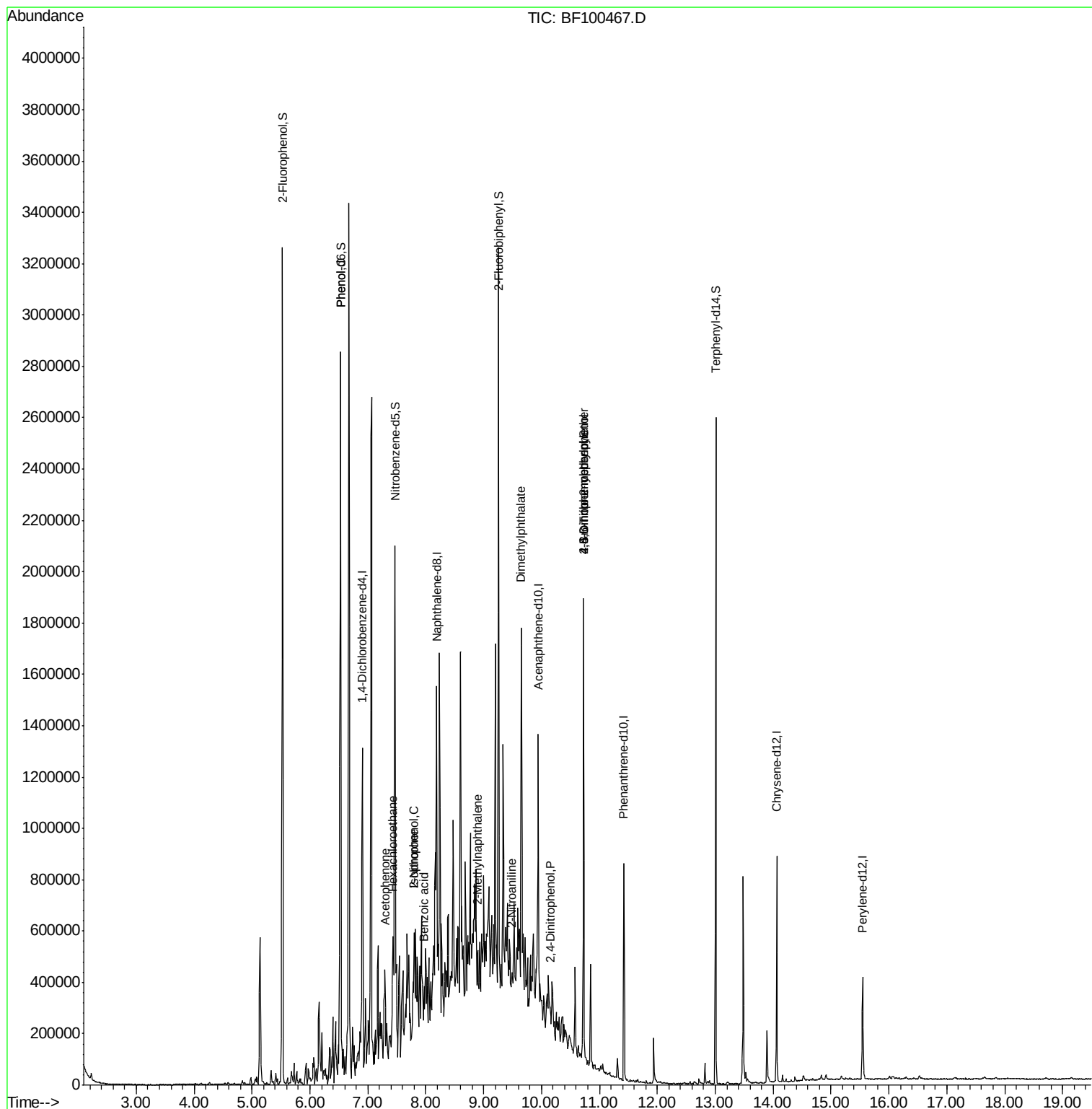
Quant Time: Nov 13 04:44:32 2017

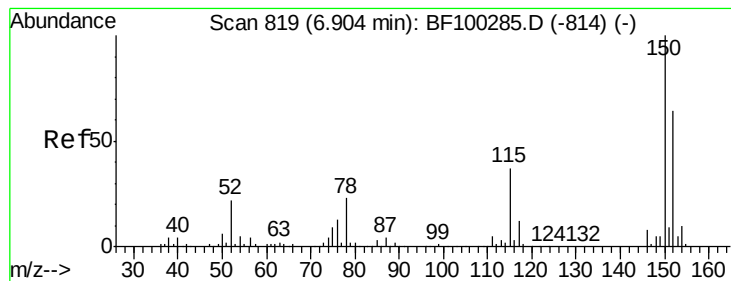
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

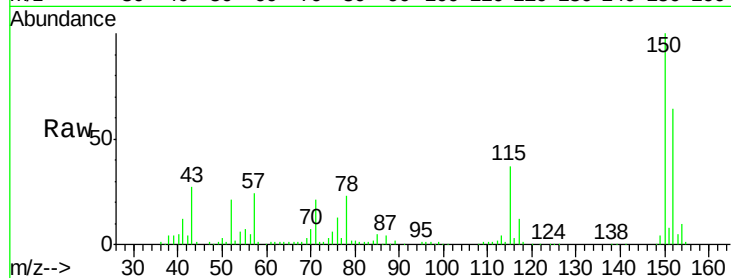
Tgt Ion:152 Resp: 133291

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

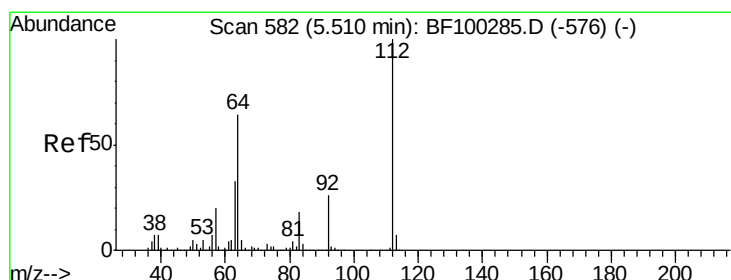
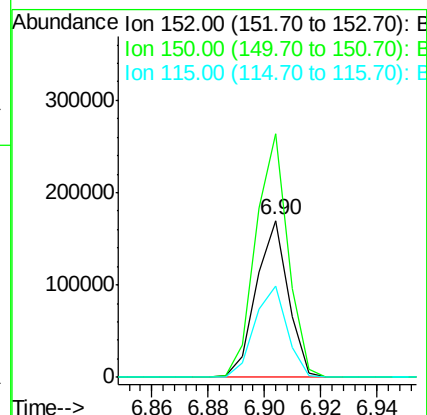
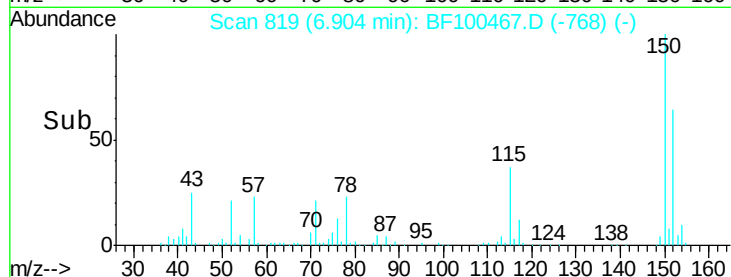
115 58.3 50.1 75.1



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: 116.85 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

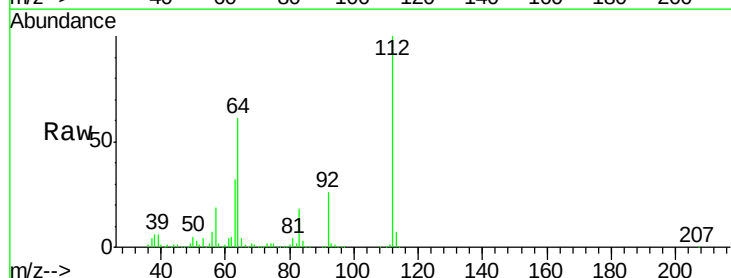
Tgt Ion:112 Resp: 971653

Ion Ratio Lower Upper

112 100

64 61.2 47.9 71.9

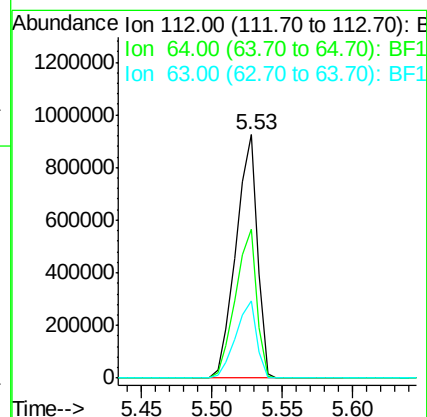
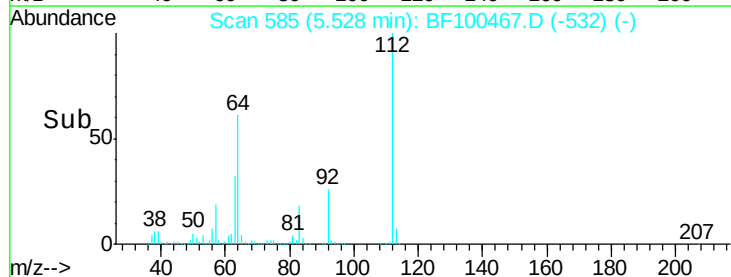
63 31.9 23.7 35.5

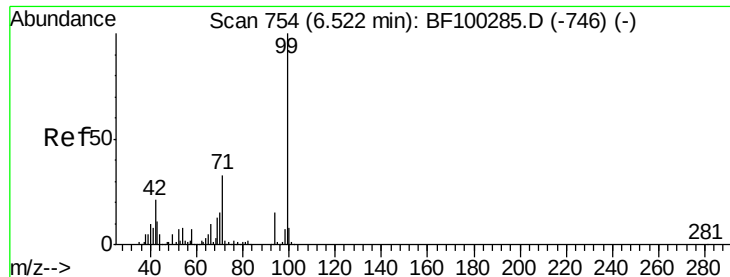


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 116.96 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

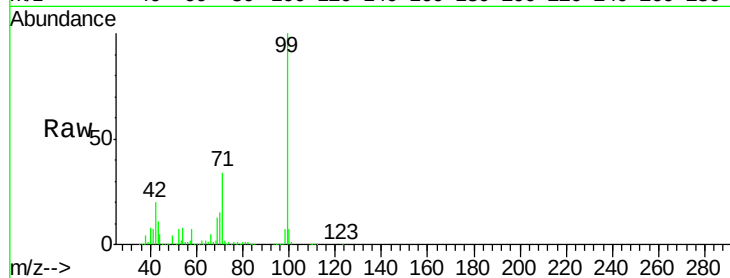
Tgt Ion: 99 Resp: 1199286

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

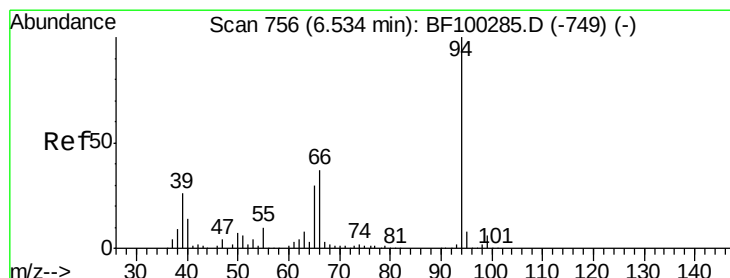
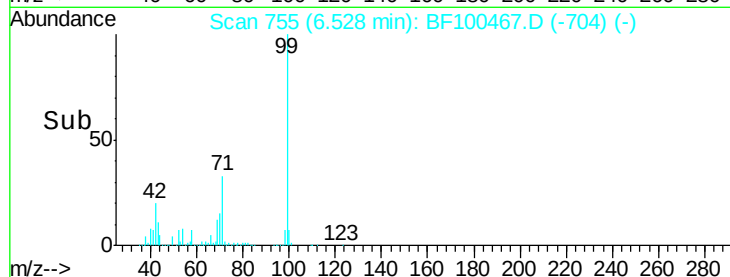
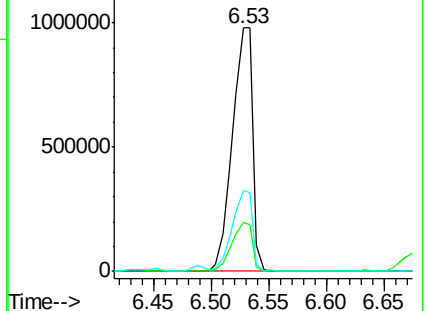
71 33.5 25.4 38.0



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: 5.53 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

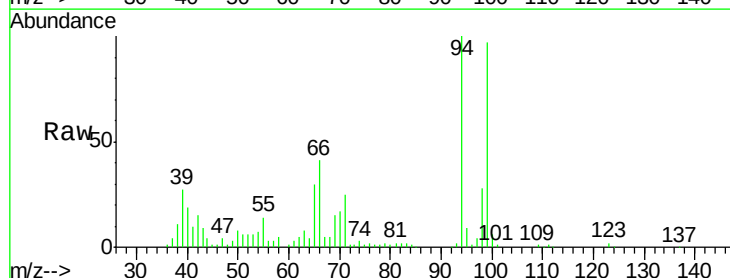
Tgt Ion: 94 Resp: 59551

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

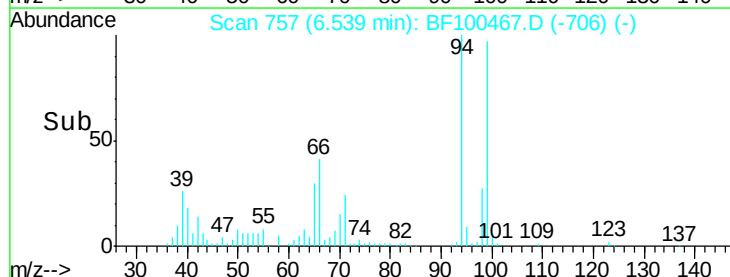
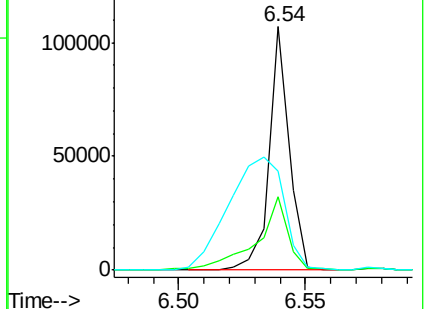
66 40.8 16.2 56.2

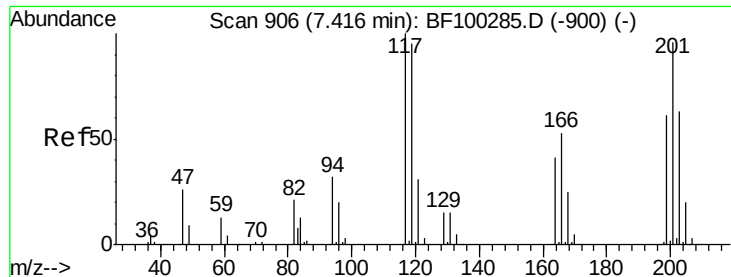


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

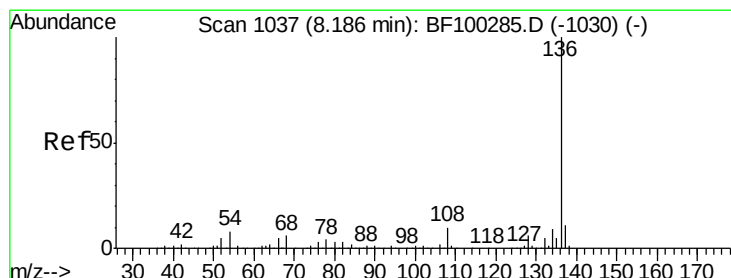
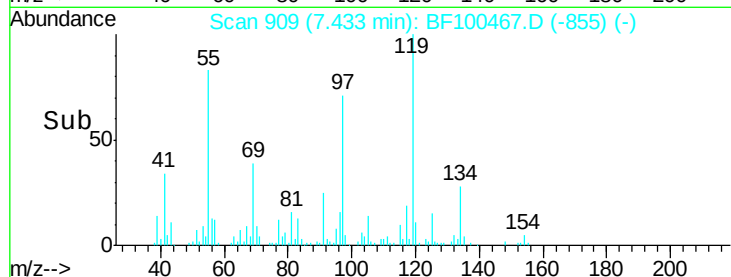
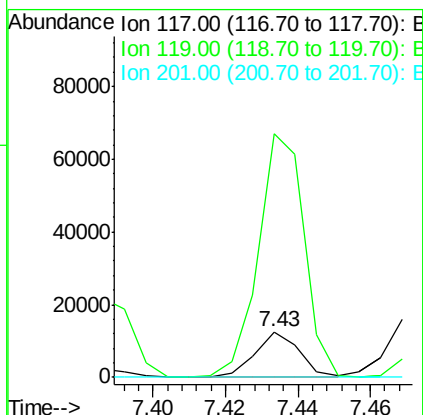
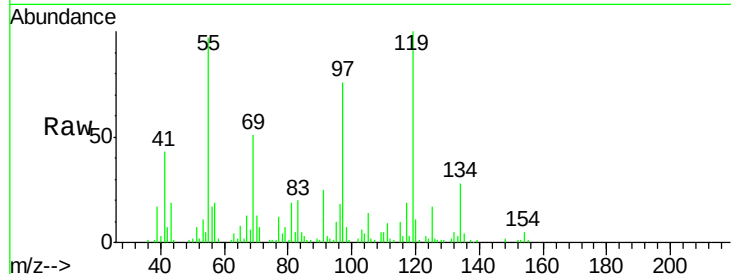




#18
Hexachloroethane
Concen: 3.17 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

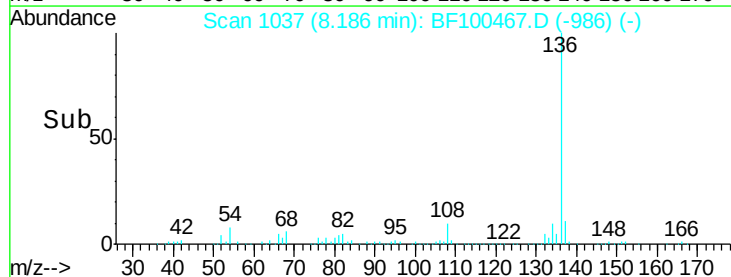
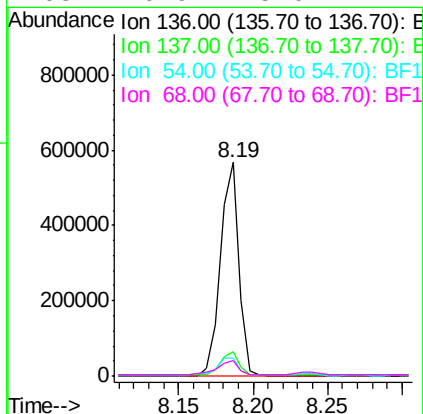
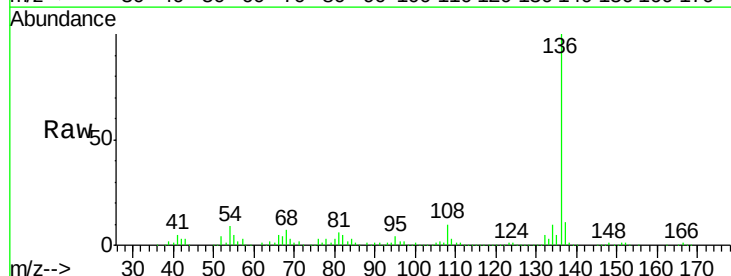
Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

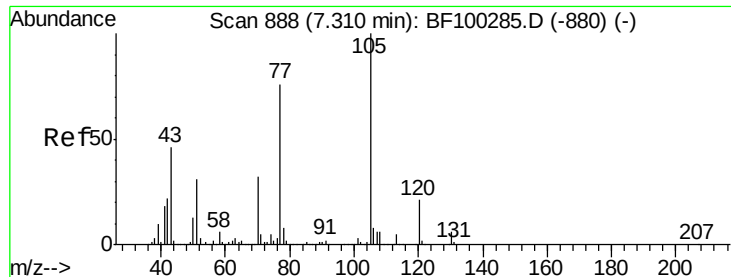
Tgt Ion:117 Resp: 10740
Ion Ratio Lower Upper
117 100
119 533.4 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:136 Resp: 492091
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.9 5.0 7.4





#22

Acetophenone

Concen: 3.18 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

Tgt Ion:105 Resp: 38173

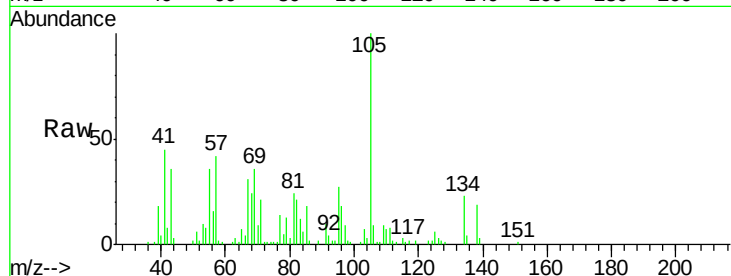
Ion Ratio Lower Upper

105 100

71 21.5 4.4 6.6#

51 5.7 22.3 33.5#

120 0.0 16.9 25.3#

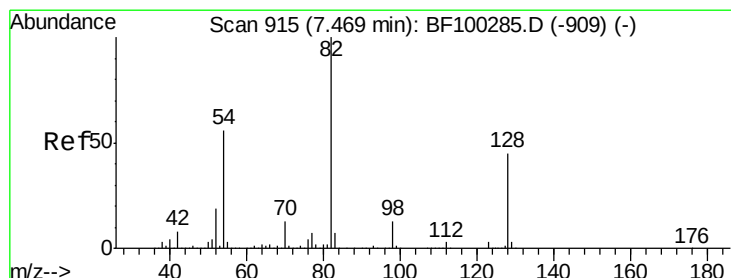
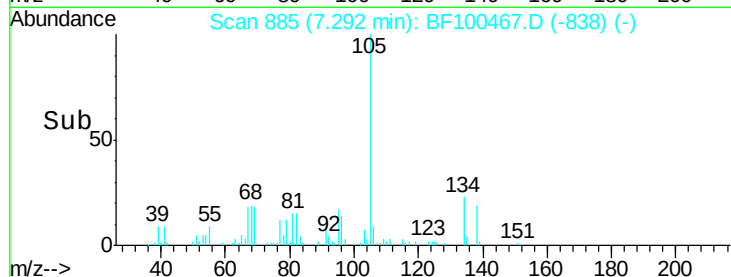
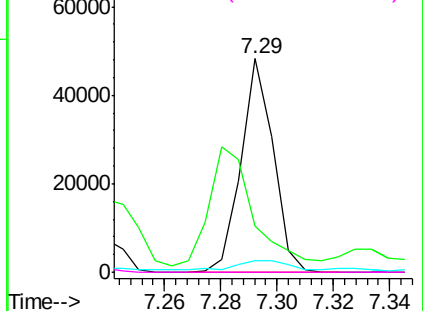


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.26 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

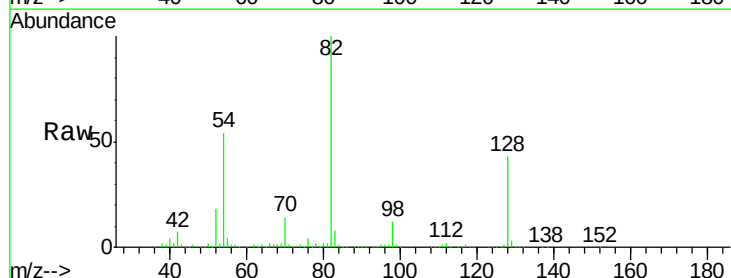
Tgt Ion: 82 Resp: 716477

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

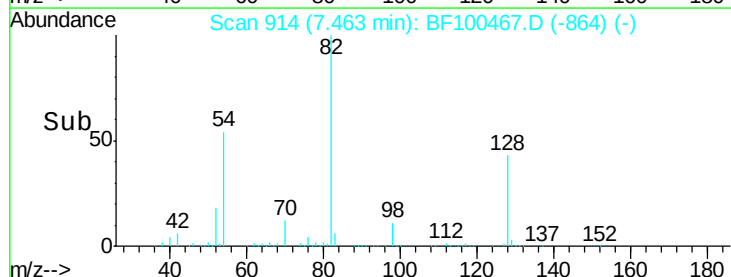
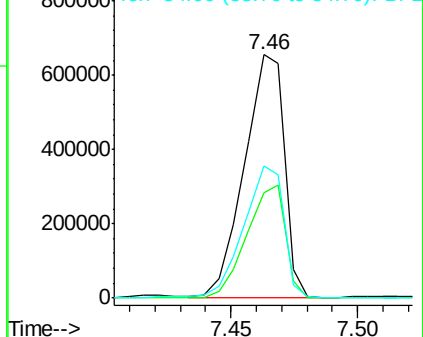
54 54.4 41.4 62.2

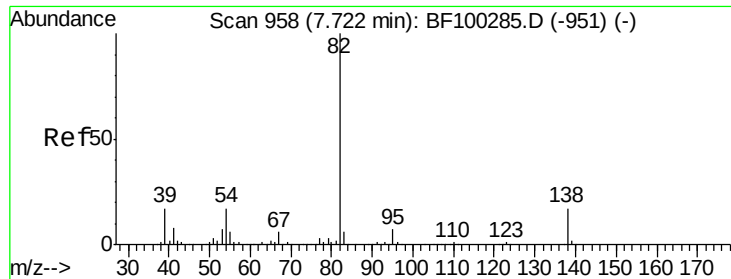


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 3.41 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.07 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

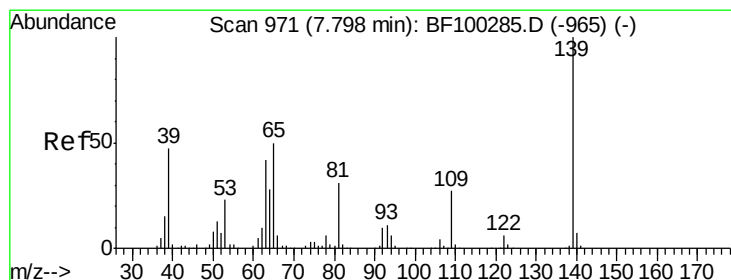
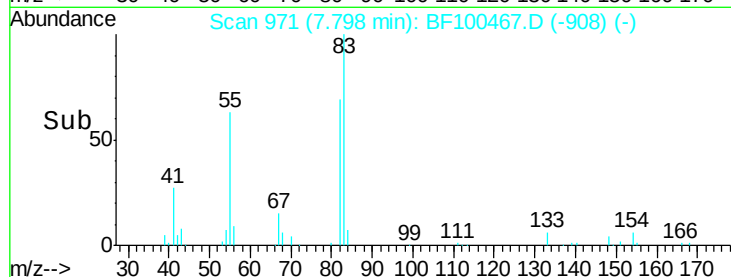
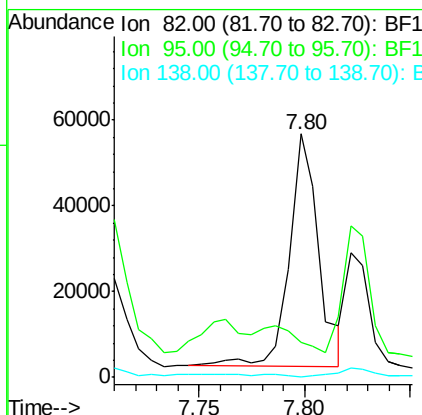
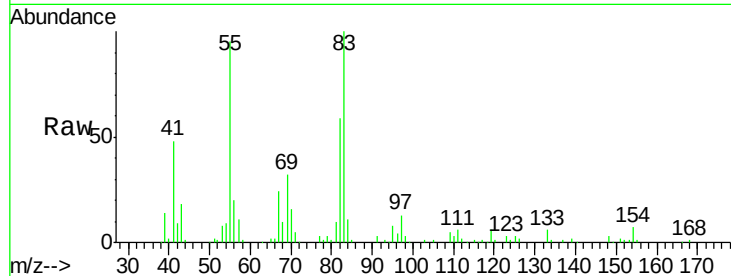
BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

Tgt Ion: 82 Resp: 53306

Ion	Ratio	Lower	Upper
82	100		
95	14.1	5.2	7.8#
138	0.0	14.9	22.3#



#26

2-Nitrophenol

Concen: 5.83 ng

RT: 7.80 min Scan# 971

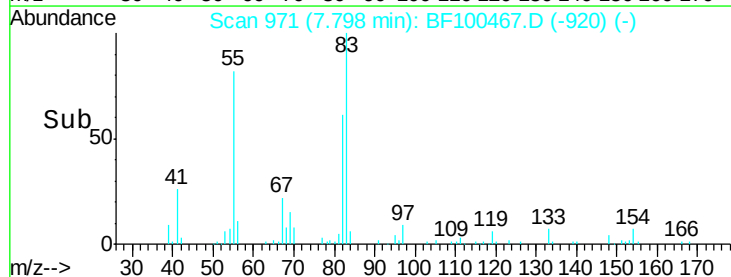
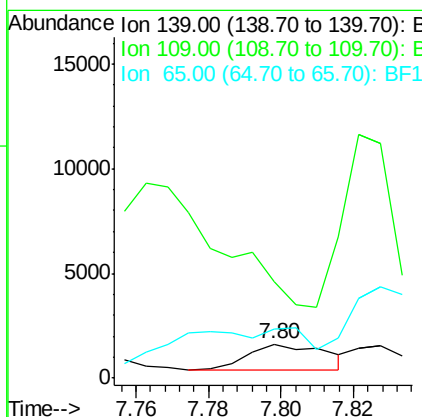
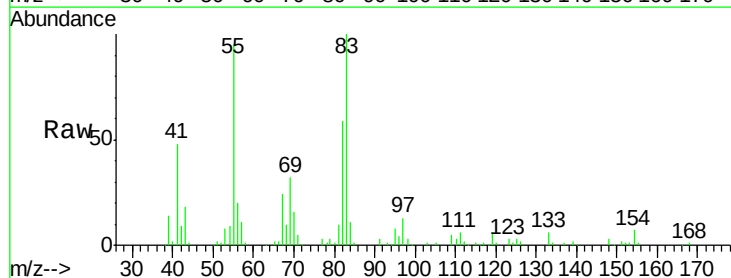
Delta R.T. -0.00 min

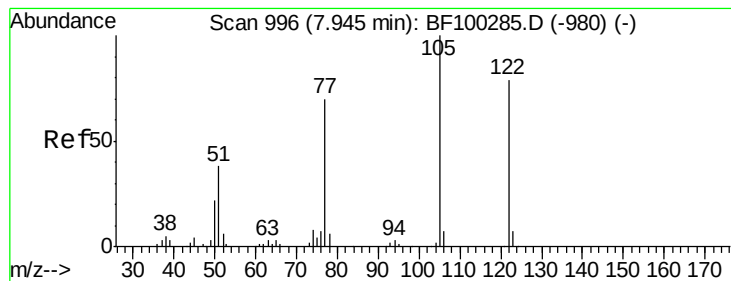
Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Tgt Ion: 139 Resp: 1819

Ion	Ratio	Lower	Upper
139	100		
109	286.8	22.7	34.1#
65	145.2	40.5	60.7#





#32

Benzoic acid

Concen: 9.75 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

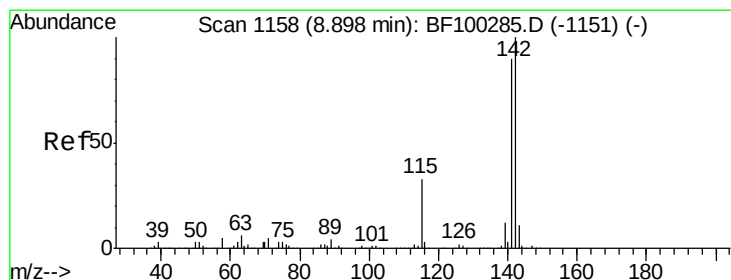
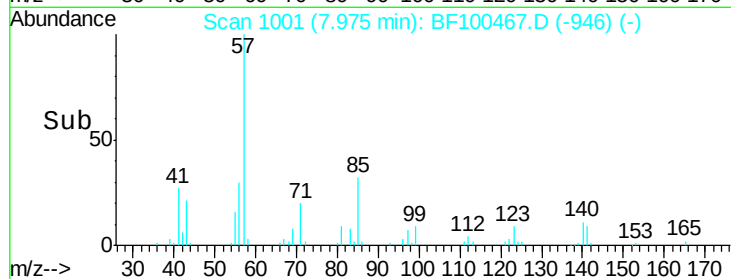
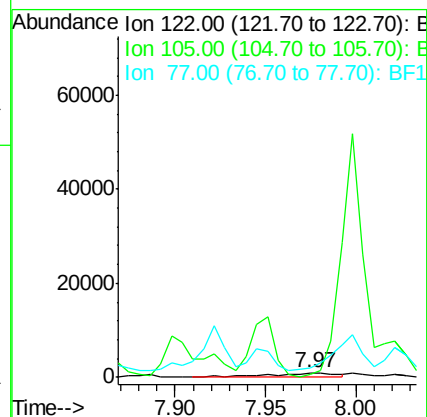
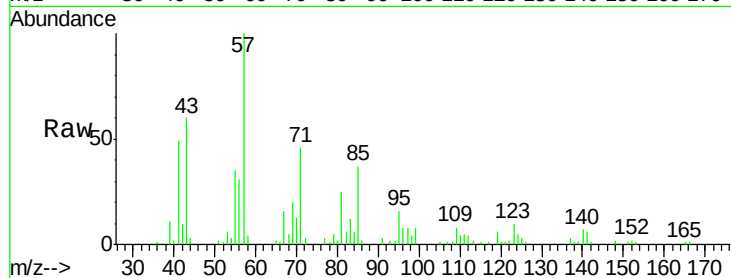
Tgt Ion:122 Resp: 2534

Ion Ratio Lower Upper

122 100

105 61.4 101.1 141.1#

77 195.8 70.7 110.7#



#37

2-Methylnaphthalene

Concen: 2.25 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

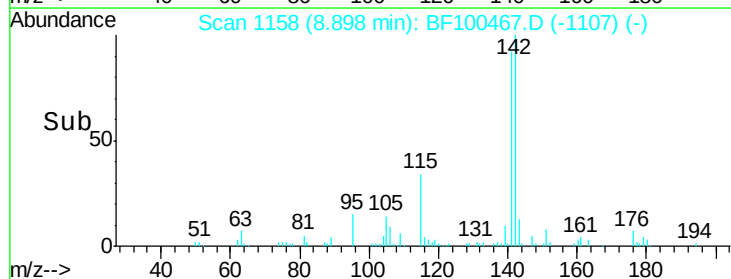
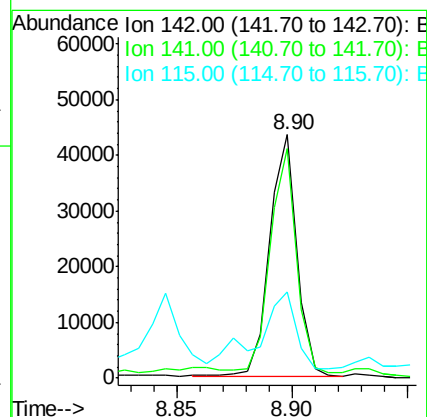
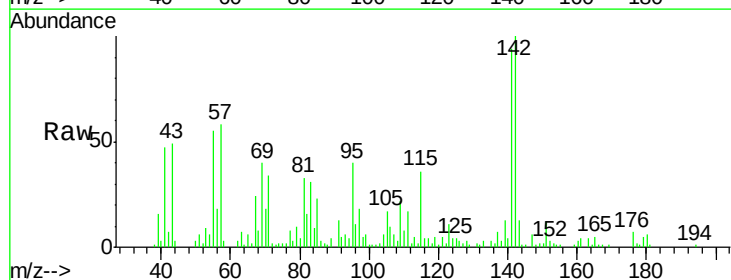
Tgt Ion:142 Resp: 35471

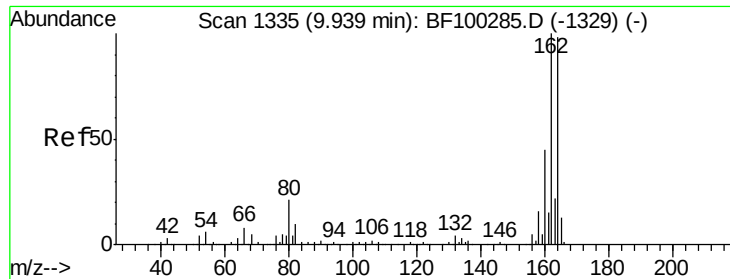
Ion Ratio Lower Upper

142 100

141 94.3 70.8 106.2

115 35.5 26.1 39.1

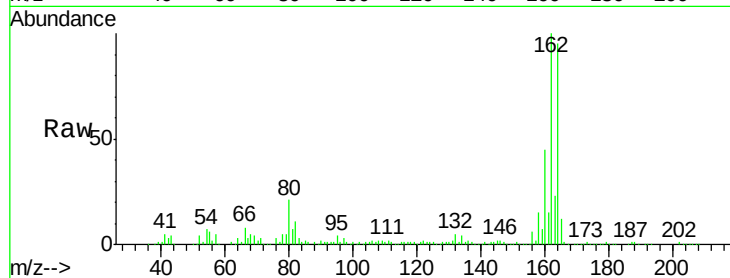




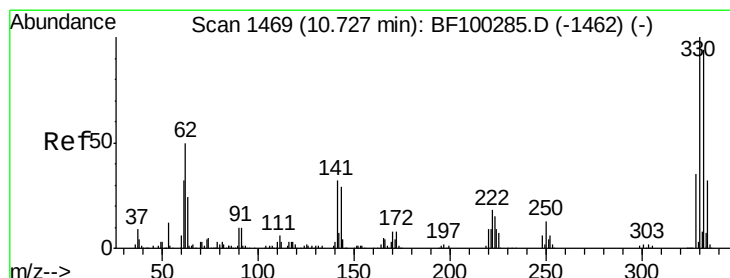
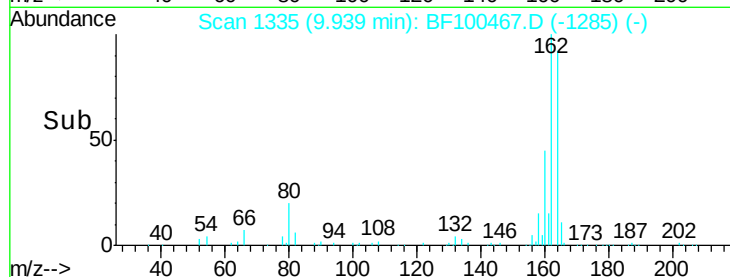
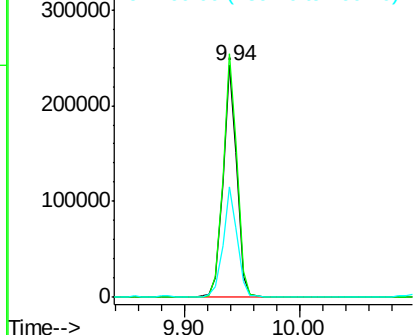
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100467.D
 Acq: 12 Nov 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-A19R(17.5-19.5)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.8	38.3	57.5

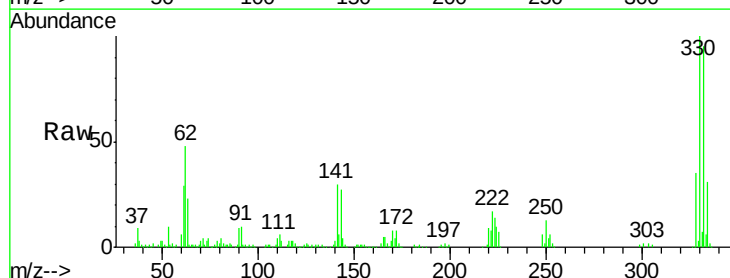


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

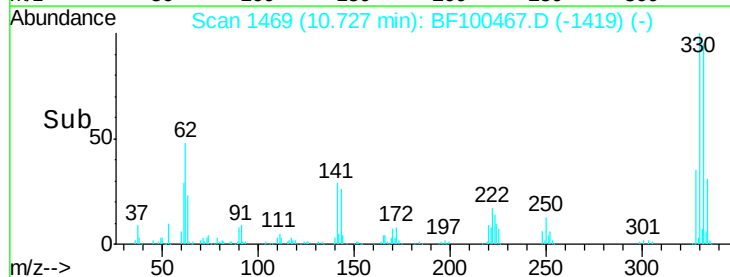
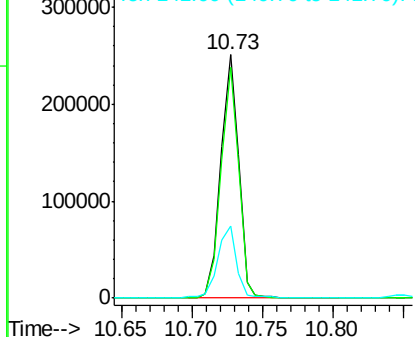


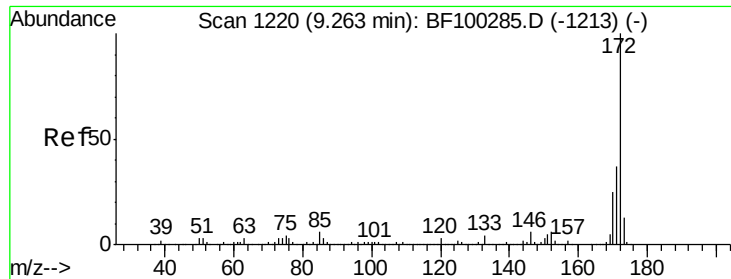
#41
 2,4,6-Tribromophenol
 Concen: 108.32 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100467.D
 Acq: 12 Nov 2017 4:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	30.2	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

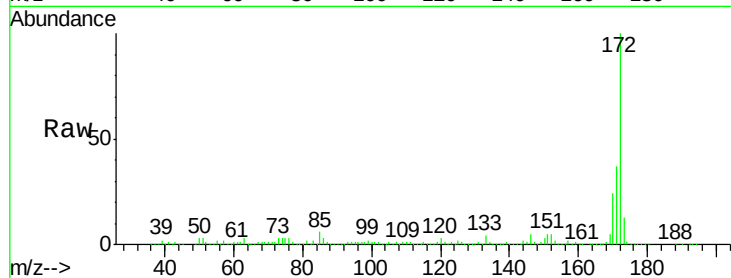




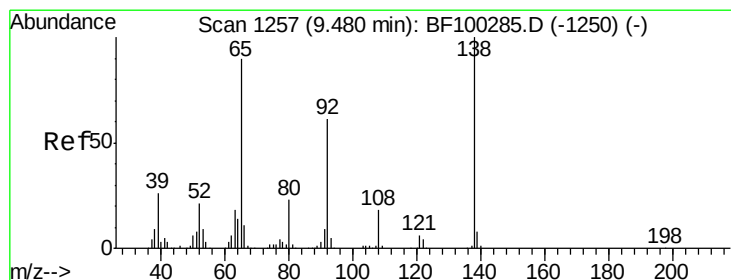
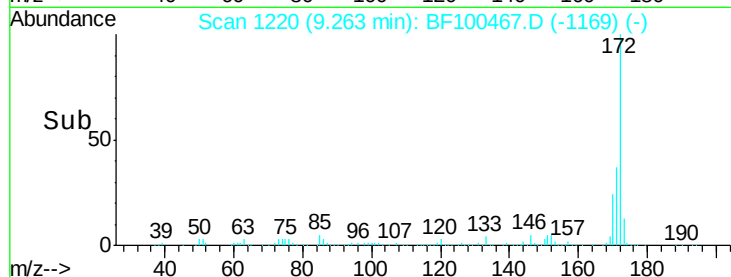
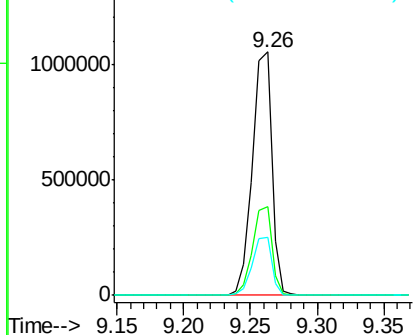
#44
2-Fluorobiphenyl
Concen: 79.80 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:172 Resp: 1053924
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.8 19.6 29.4

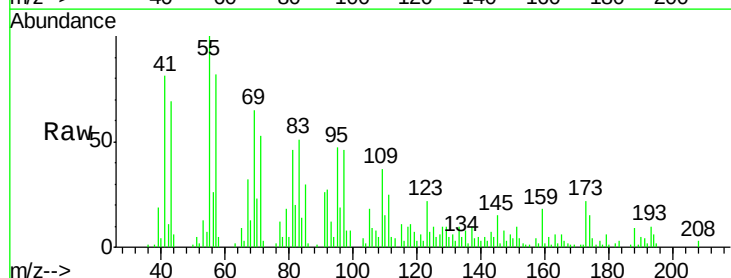


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

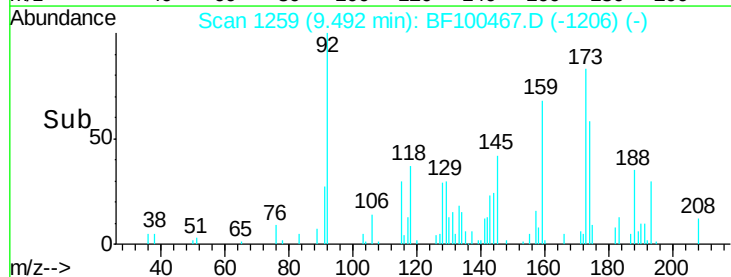
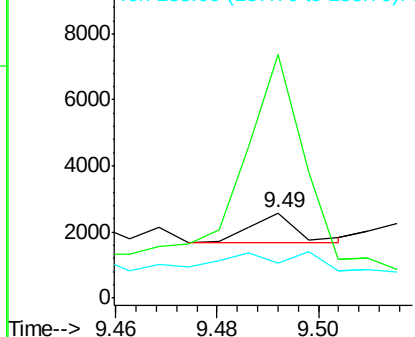


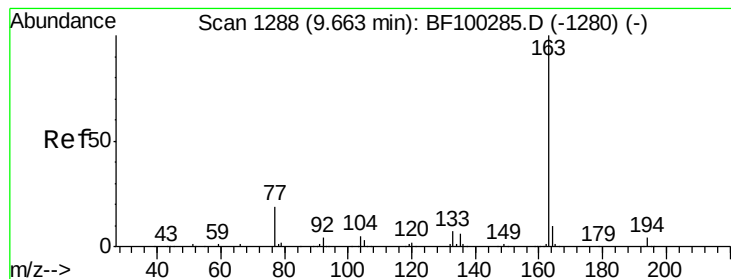
#47
2-Nitroaniline
Concen: 2.92 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion: 65 Resp: 555
Ion Ratio Lower Upper
65 100
92 284.8 55.8 83.6#
138 41.3 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): E





#49

Dimethylphthalate

Concen: 5.54 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

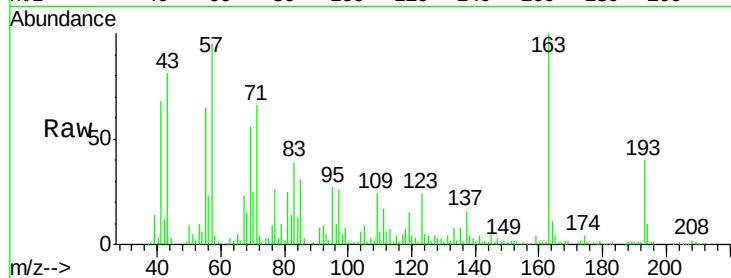
Tgt Ion:163 Resp: 85020

Ion Ratio Lower Upper

163 100

194 10.4 2.7 4.1#

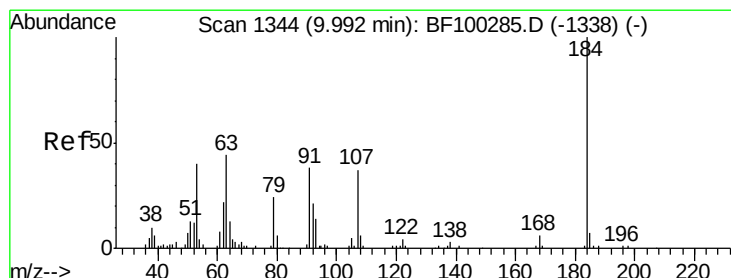
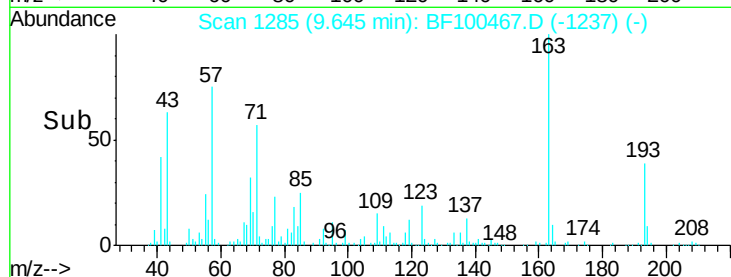
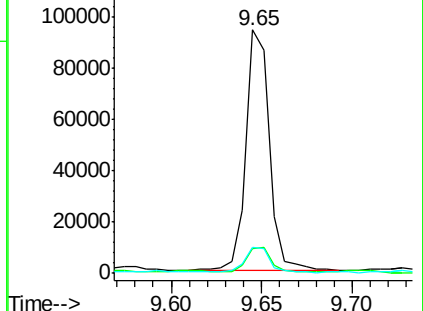
164 10.7 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 7.97 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.16 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

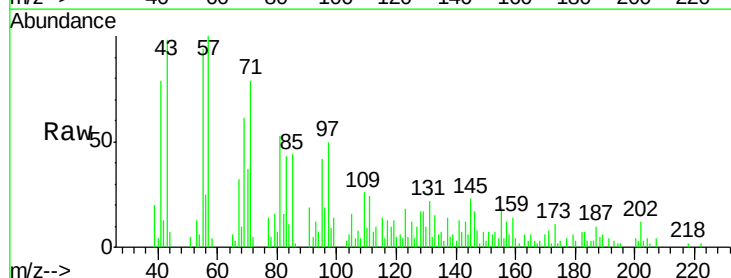
Tgt Ion:184 Resp: 147

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

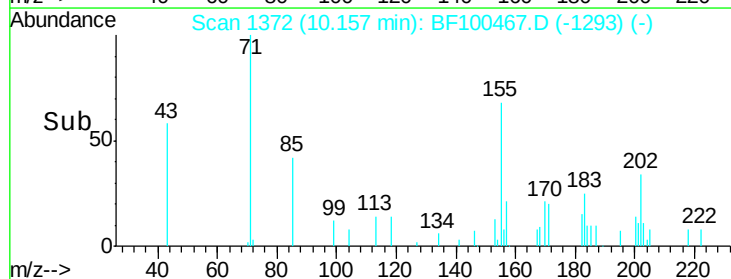
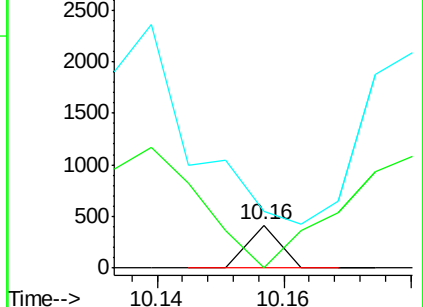
154 133.1 184.0 276.0#

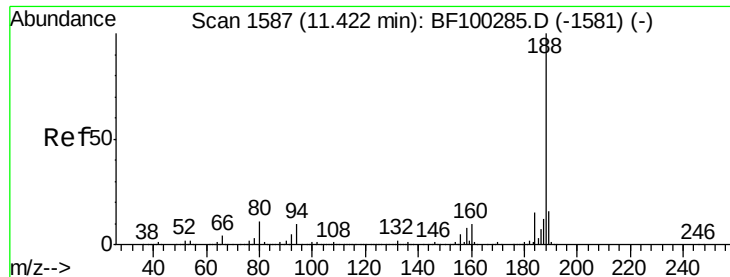


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

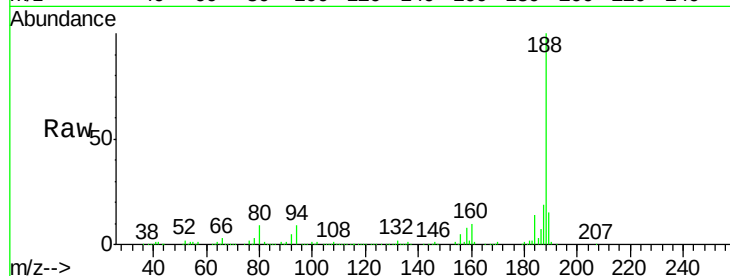
Tgt Ion:188 Resp: 314206

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

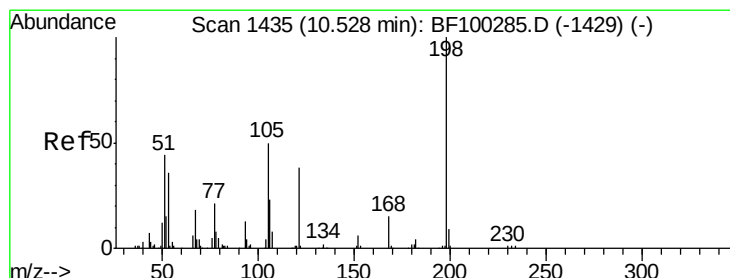
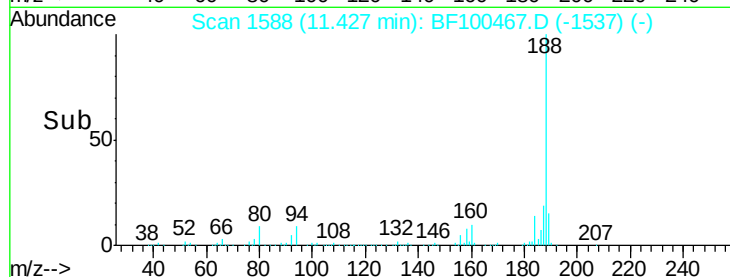
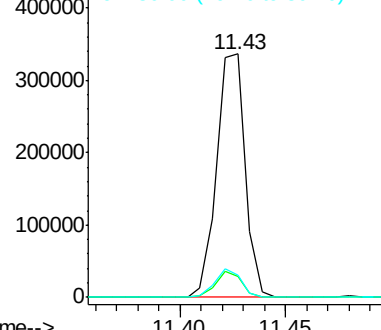
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 8.80 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

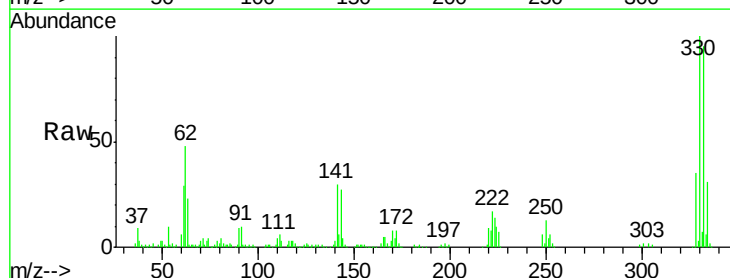
Tgt Ion:198 Resp: 438

Ion Ratio Lower Upper

198 100

51 279.5 37.7 77.7#

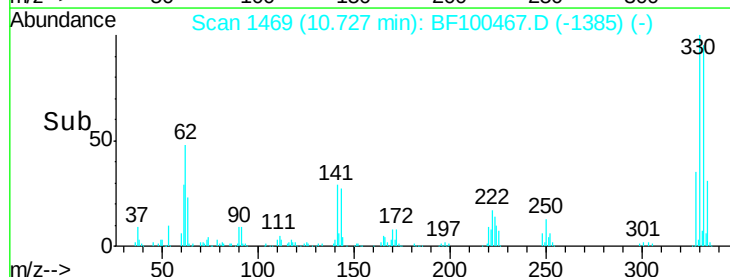
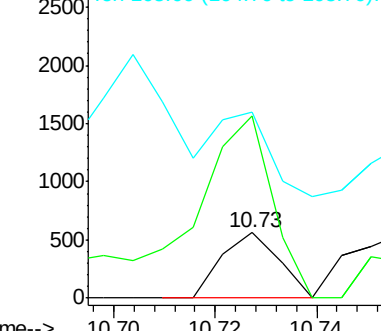
105 285.0 36.3 76.3#

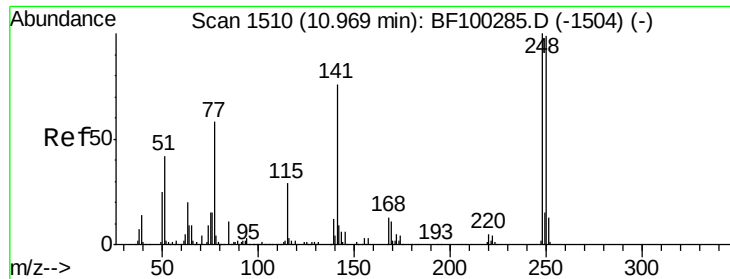


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.06 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

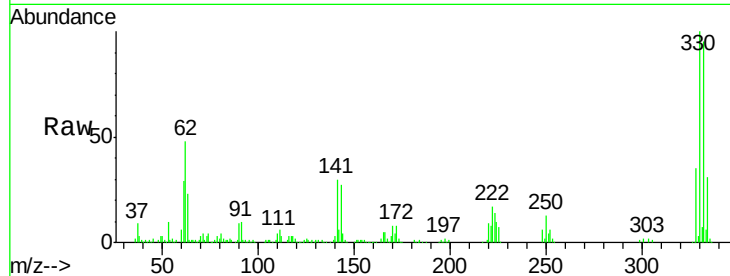
Tgt Ion:248 Resp: 13690

Ion Ratio Lower Upper

248 100

250 212.5 76.9 115.3#

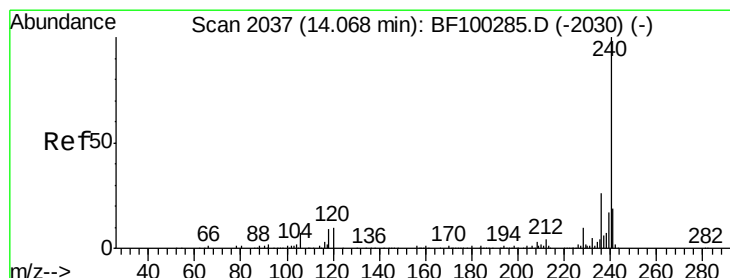
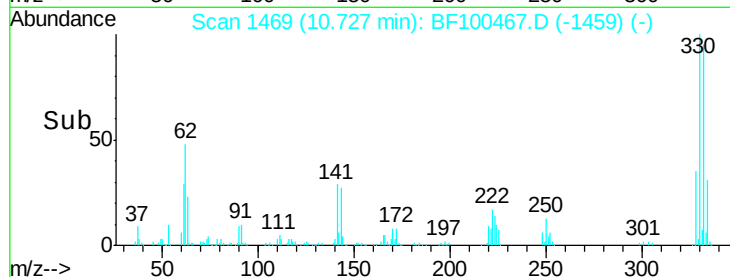
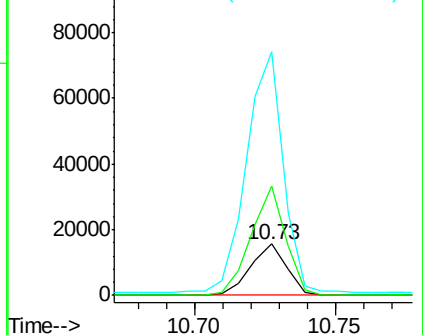
141 476.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

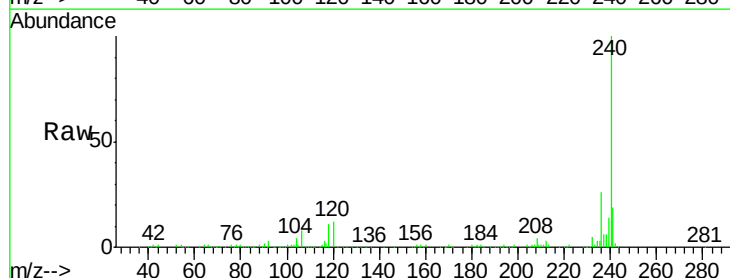
Tgt Ion:240 Resp: 283528

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

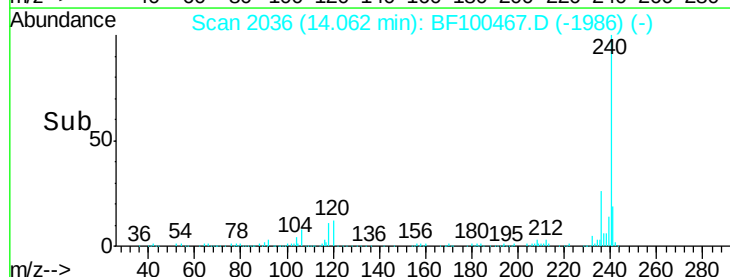
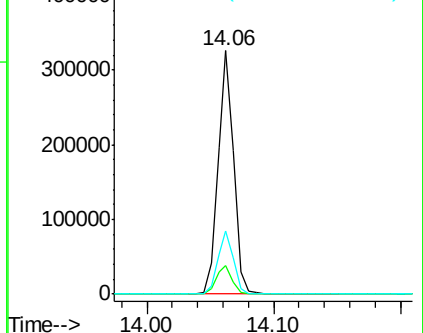
236 26.0 20.7 31.1

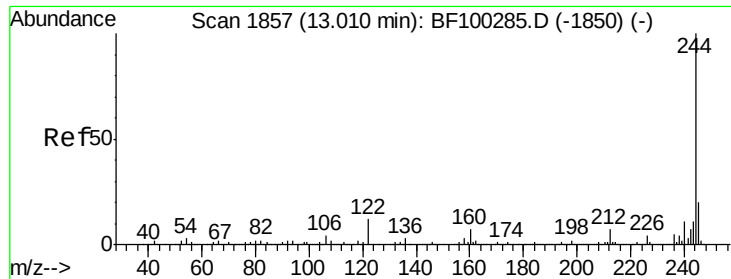


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.23 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

Instrument :

BNA_F

ClientSampleId :

MW-A19R(17.5-19.5)

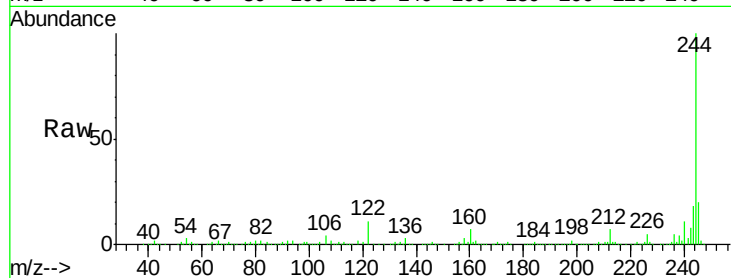
Tgt Ion:244 Resp: 804931

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

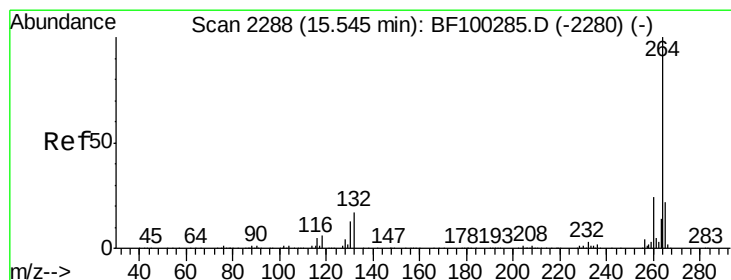
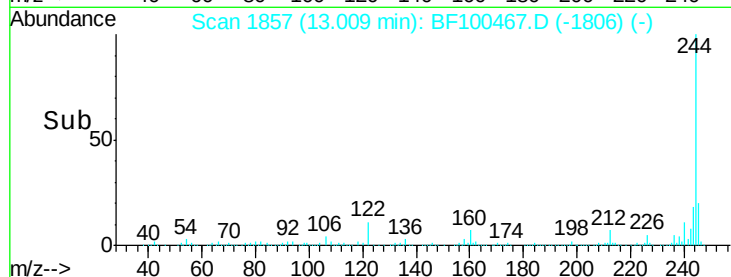
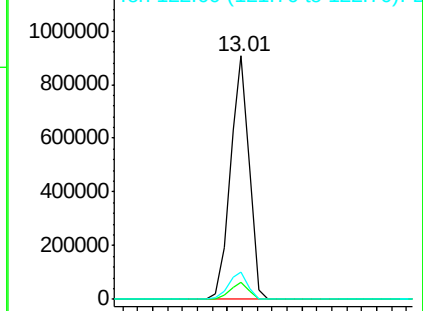
122 11.4 11.0 16.4



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: 20.00 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100467.D

Acq: 12 Nov 2017 4:23

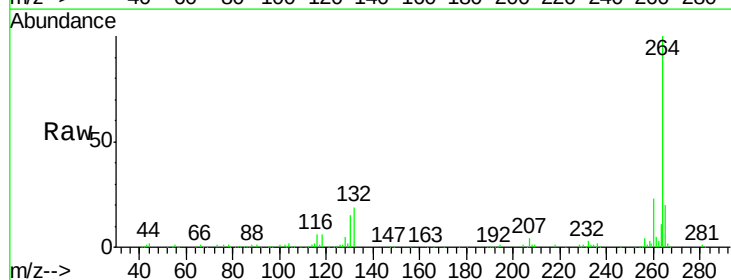
Tgt Ion:264 Resp: 199543

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.5 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

