

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092170.D
 Acq On : 10 Jan 2017 5:57
 Operator : UM/SJ
 Sample : I1056-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jan 10 06:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

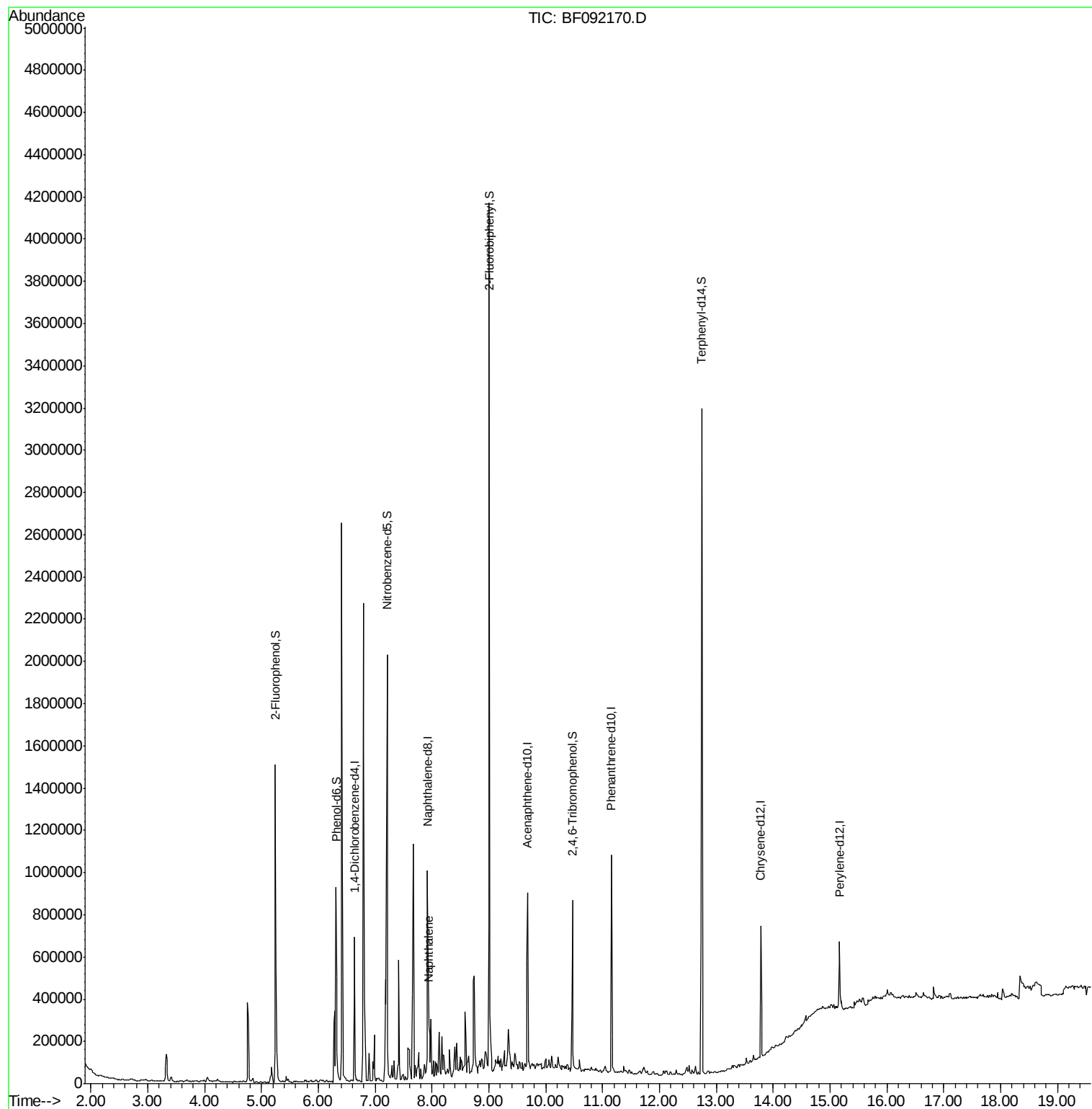
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	128752	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	454205	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	220095	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	356231	20.00	ng	0.00
75) Chrysene-d12	13.78	240	219428	20.00	ng	0.00
86) Perylene-d12	15.17	264	167803	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	499704	64.80	ng	0.01
7) Phenol-d6	6.31	99	417965	44.40	ng	0.00
23) Nitrobenzene-d5	7.21	82	702558	86.01	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	103853	57.02	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1159963	112.10	ng	0.00
78) Terphenyl-d14	12.74	244	951685	105.19	ng	0.00
Target Compounds						
31) Naphthalene	7.94	128	47969	2.31	ng	Qvalue # 76

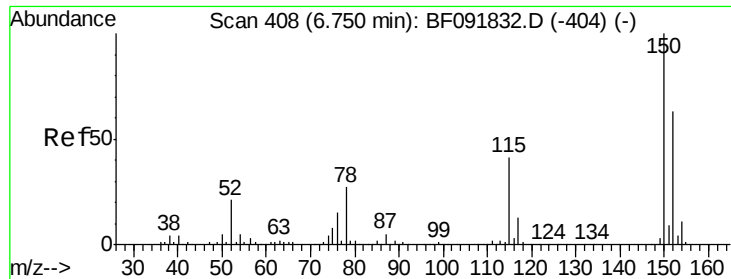
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

W-39

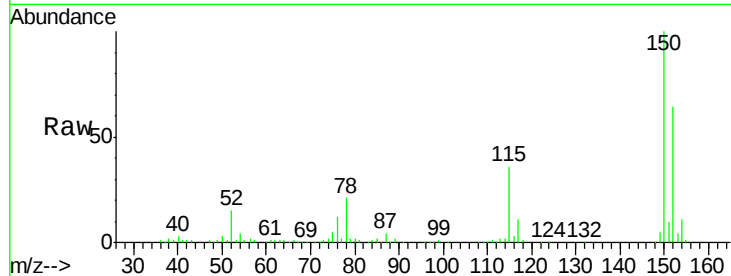
Tgt Ion:152 Resp: 128752

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

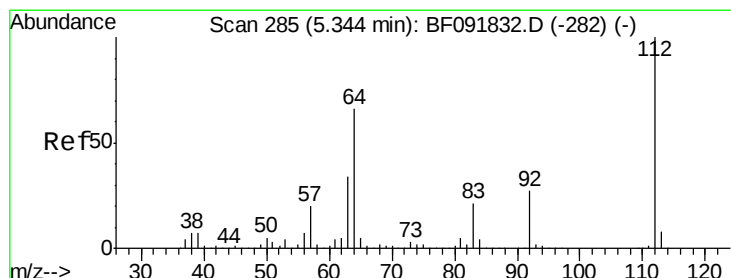
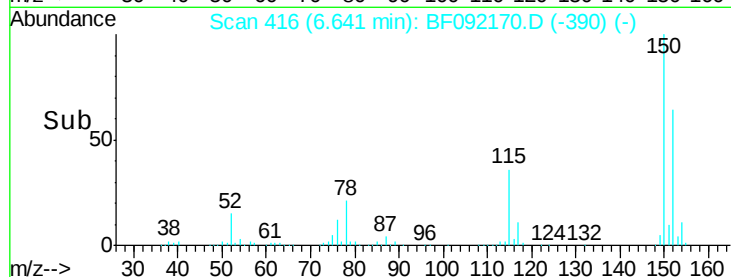
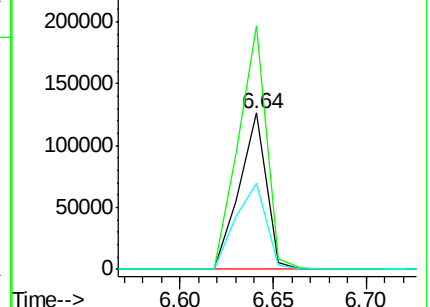
115 55.3 46.0 69.0



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: 64.80 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

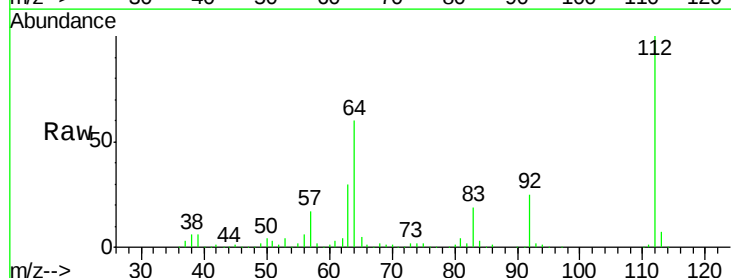
Tgt Ion:112 Resp: 499704

Ion Ratio Lower Upper

112 100

64 59.5 46.1 69.1

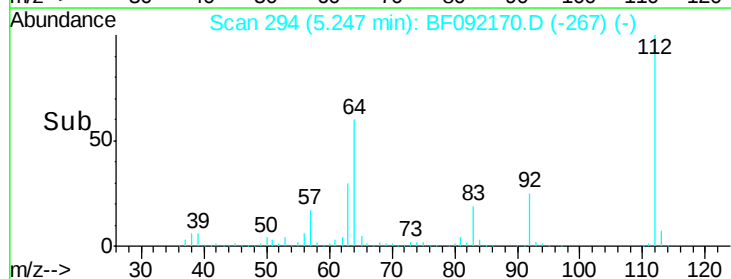
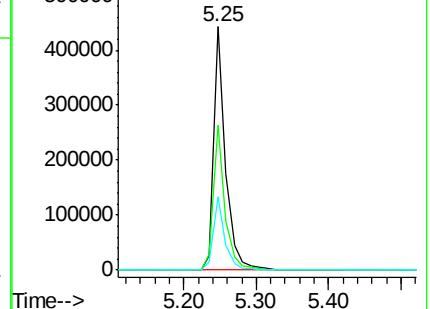
63 30.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.40 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

W-39

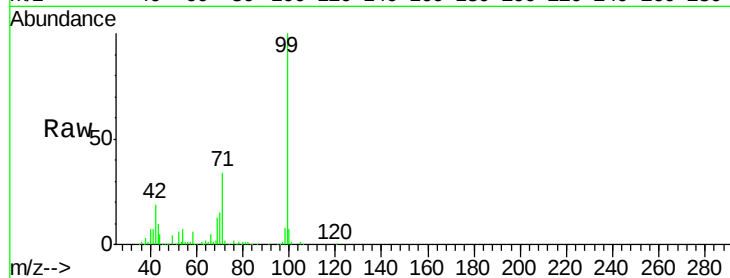
Tgt Ion: 99 Resp: 417965

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

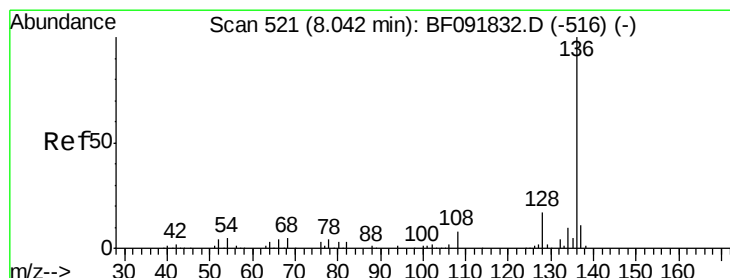
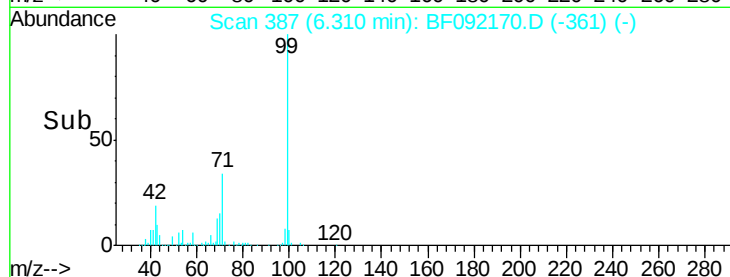
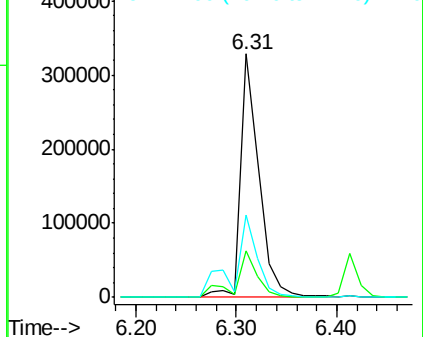
71 34.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Tgt Ion: 136 Resp: 454205

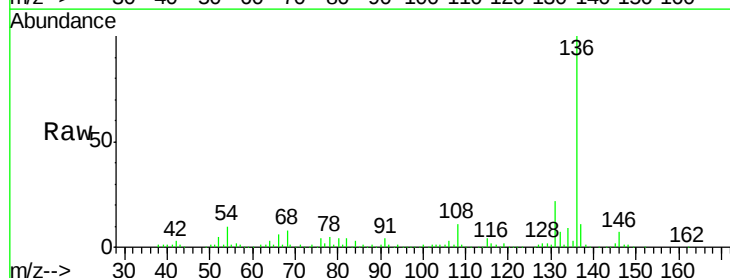
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.3 4.5 6.7#

68 7.5 3.6 5.4#

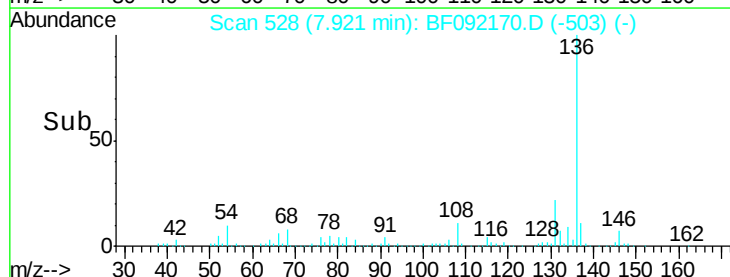
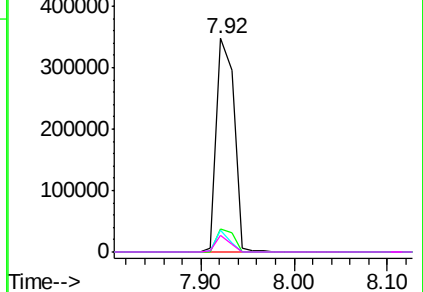


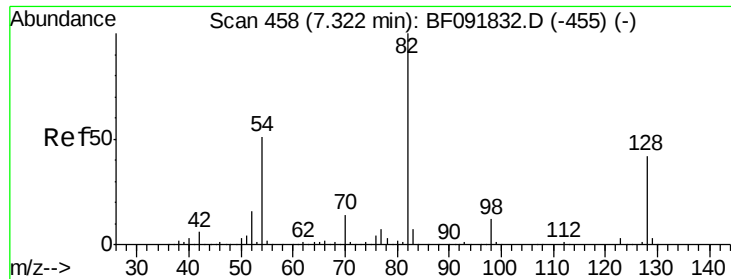
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 86.01 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

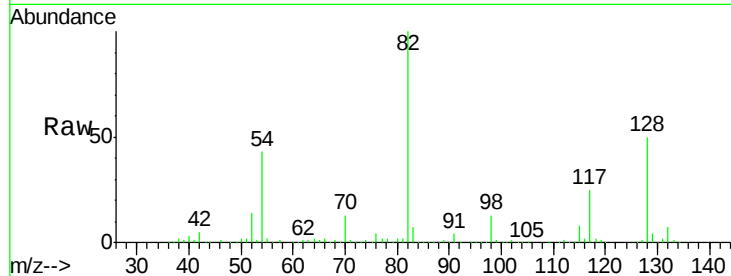
Instrument :

BNA_F

ClientSampleId :

W-39

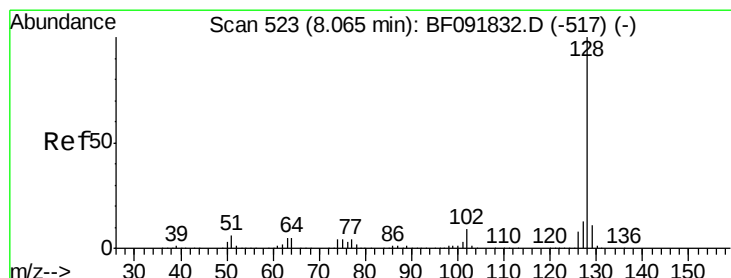
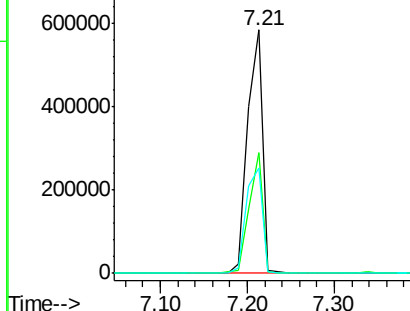
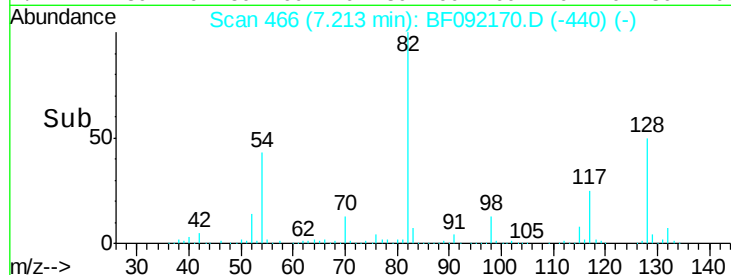
Tgt Ion:	82	Resp:	702558
Ion Ratio	Lower	Upper	
82	100		
128	49.5	34.6	52.0
54	43.4	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 2.31 ng

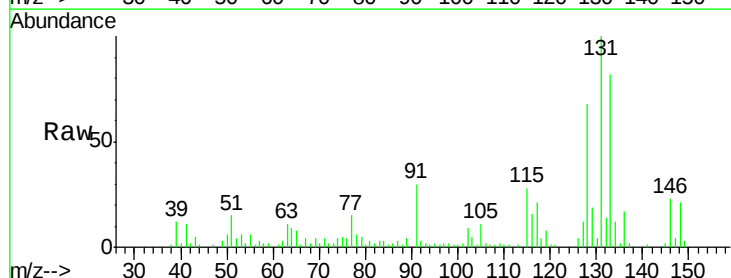
RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

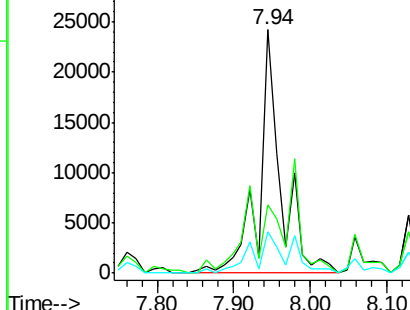
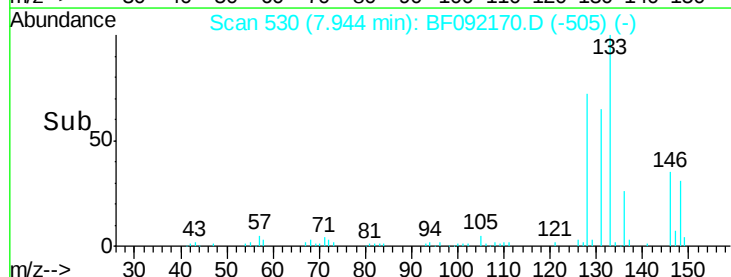
Tgt Ion:	128	Resp:	47969
Ion Ratio	Lower	Upper	
128	100		
129	28.0	9.5	14.3#
127	16.9	10.8	16.2#

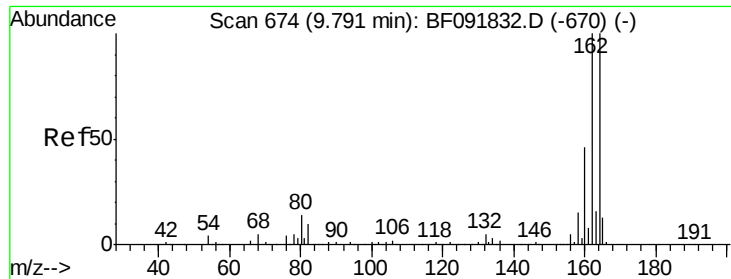


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

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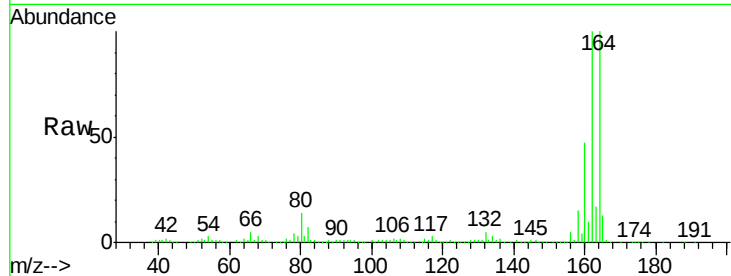
Tgt Ion:164 Resp: 220095

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

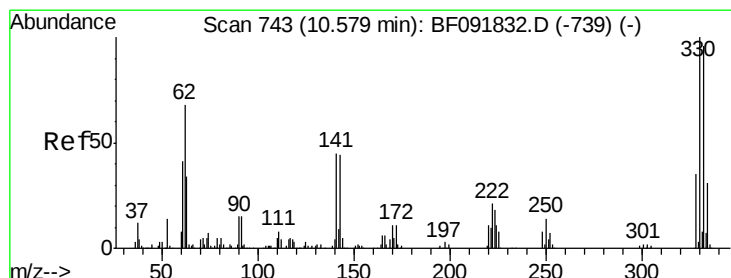
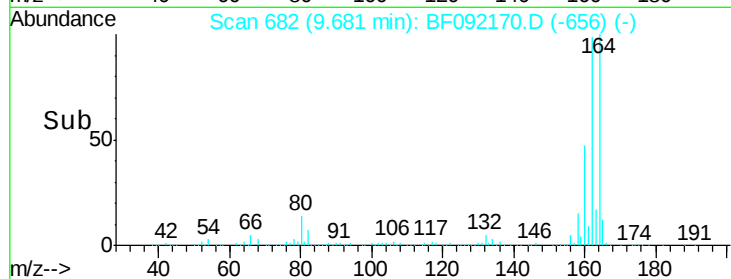
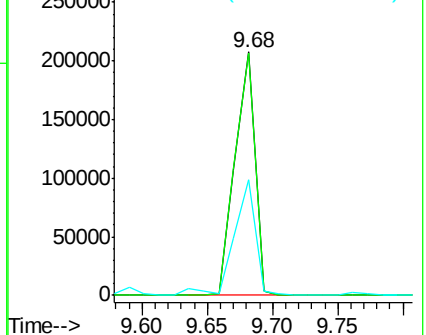
160 47.2 36.9 55.3



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: 57.02 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

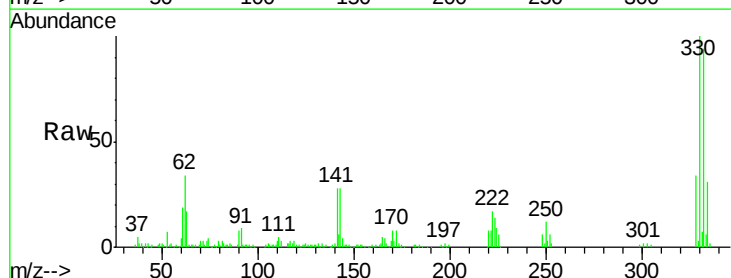
Tgt Ion:330 Resp: 103853

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

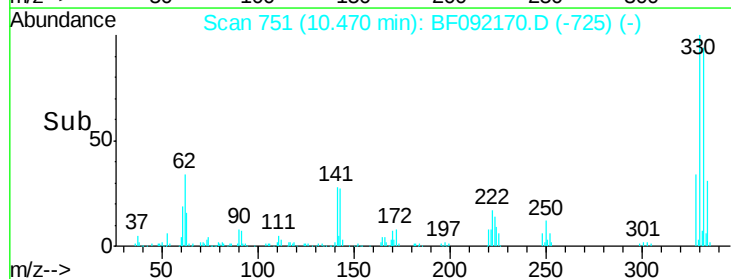
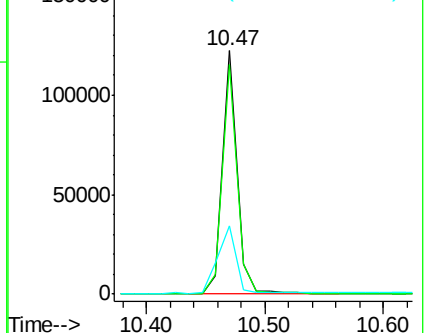
141 35.3 34.1 51.1

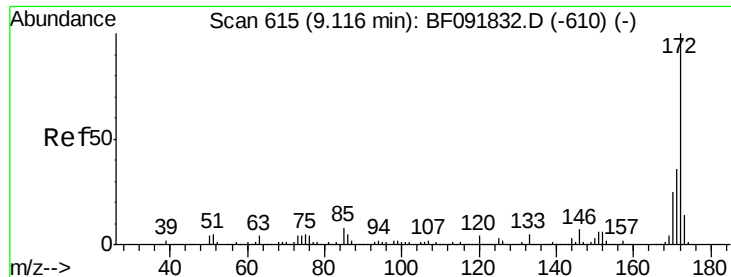


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

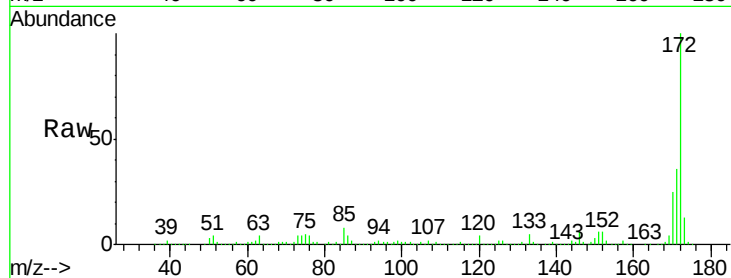




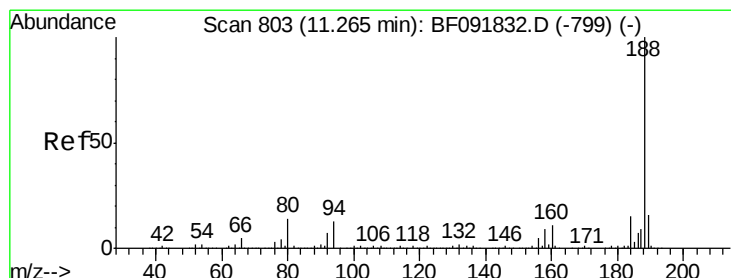
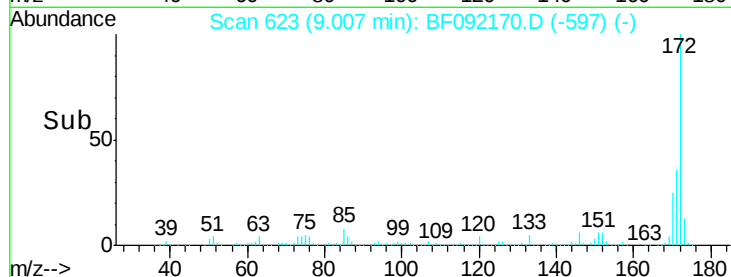
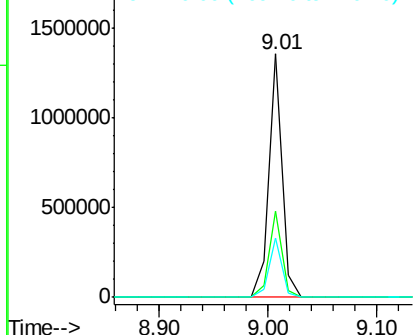
#44
 2-Fluorobiphenyl
 Concen: 112.10 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Instrument :
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 ClientSampleId :
 W-39

Tgt Ion:172 Resp: 1159963
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.5 20.2 30.4

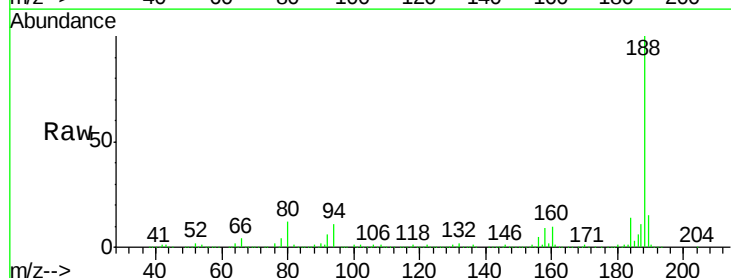


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

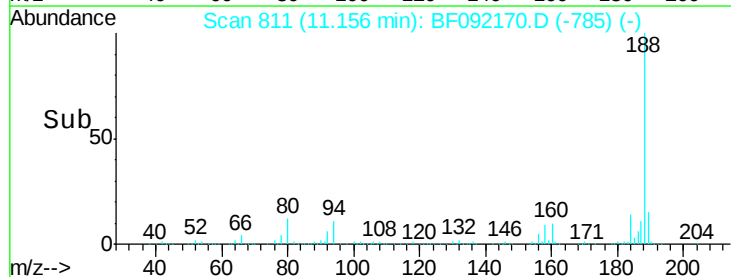
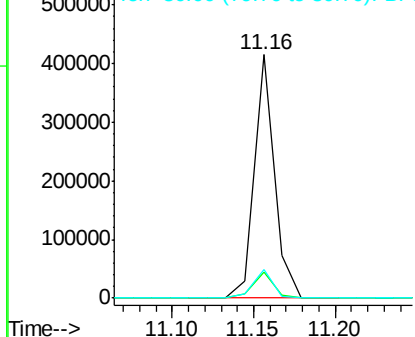


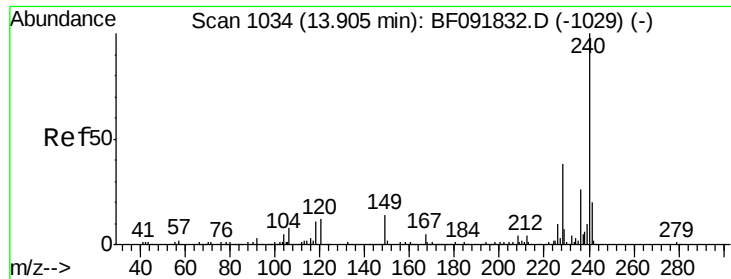
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Tgt Ion:188 Resp: 356231
 Ion Ratio Lower Upper
 188 100
 94 10.6 10.0 15.0
 80 11.6 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampled :

W-39

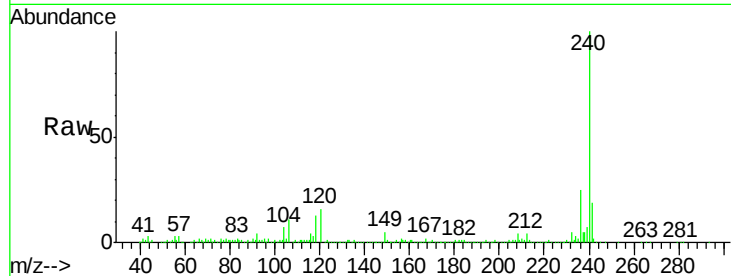
Tgt Ion:240 Resp: 219428

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

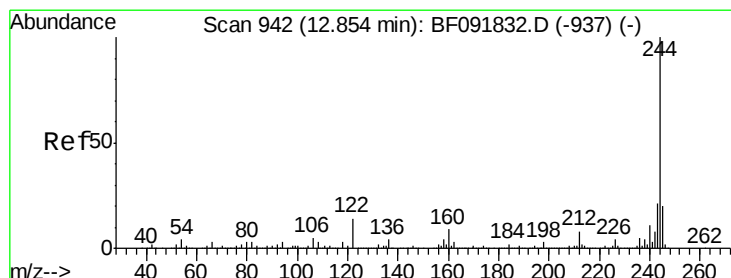
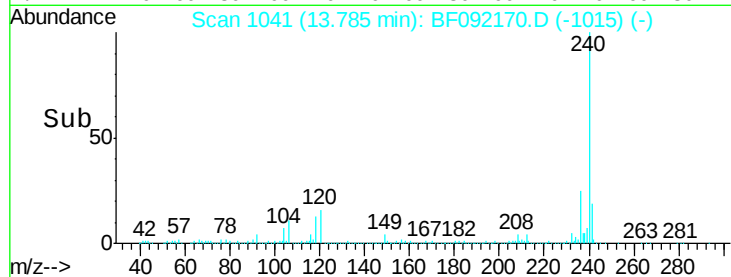
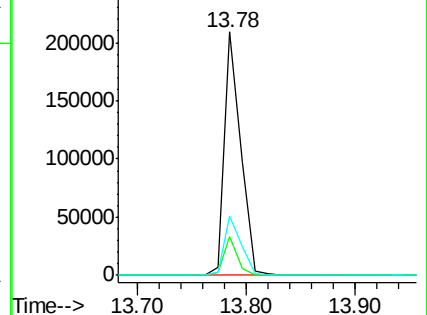
236 24.6 20.9 31.3



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: 105.19 ng

RT: 12.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

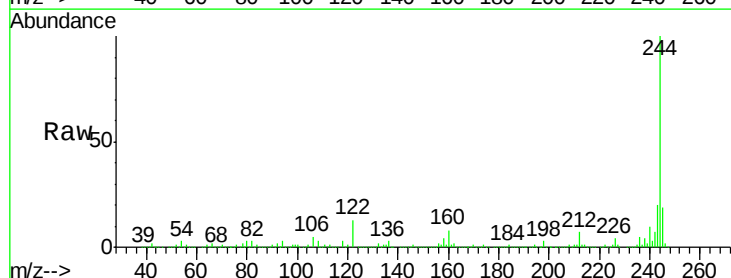
Tgt Ion:244 Resp: 951685

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

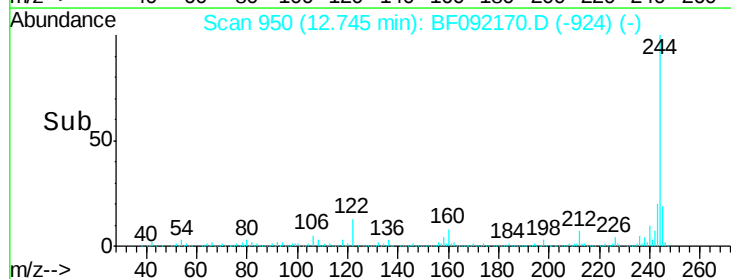
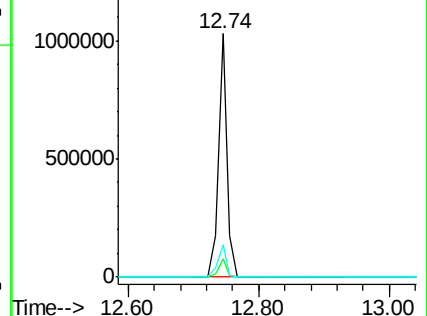
122 13.2 11.4 17.2

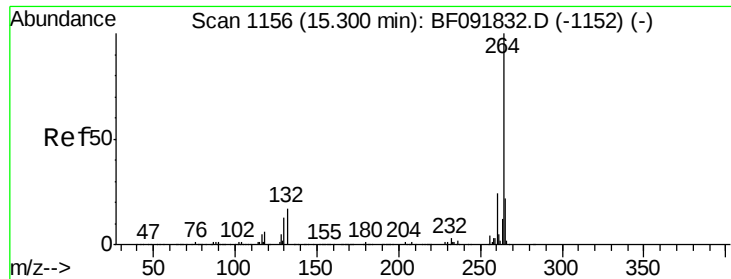


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092170.D
Acq: 10 Jan 2017 5:57

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0

