

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090522.D
 Acq On : 12 Oct 2016 00:29
 Operator : UM/SJ
 Sample : H5146-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-EB-2016-5

Quant Time: Oct 12 02:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	221418	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	842653	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	430026	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	754587	20.00	ng	0.00
75) Chrysene-d12	14.13	240	667870	20.00	ng	0.00
86) Perylene-d12	15.61	264	470903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	762758	53.59	ng	0.01
7) Phenol-d6	6.59	99	676800	37.68	ng	0.00
23) Nitrobenzene-d5	7.51	82	1193779	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	662346	155.38	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2366184	92.47	ng	0.00
78) Terphenyl-d14	13.08	244	2673896	97.84	ng	0.00

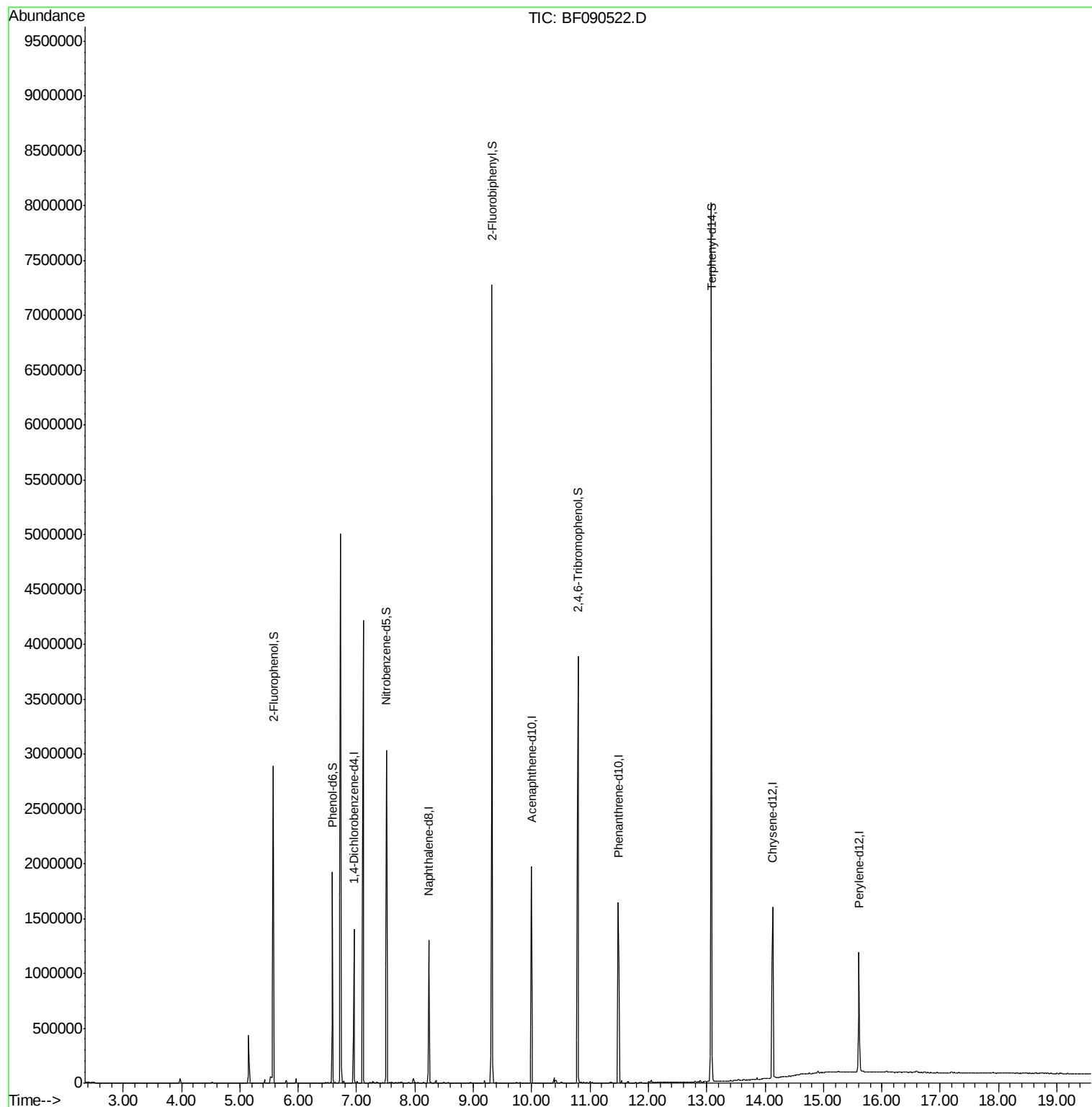
Target Compounds Qvalue

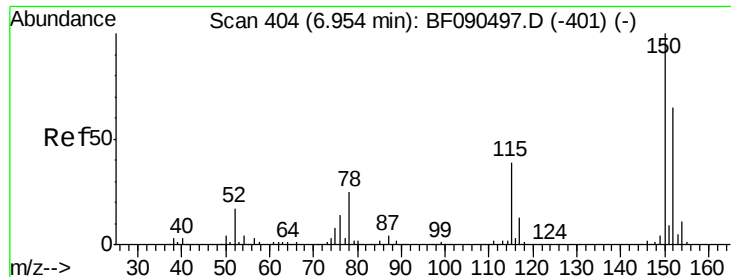
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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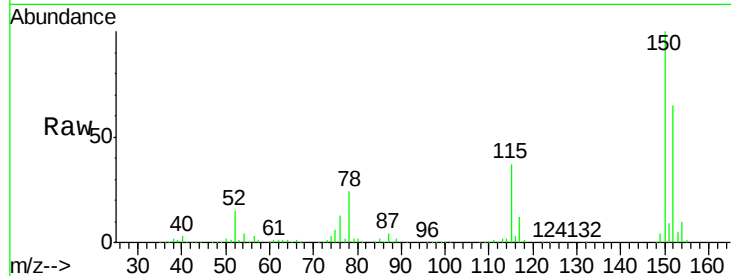


#1

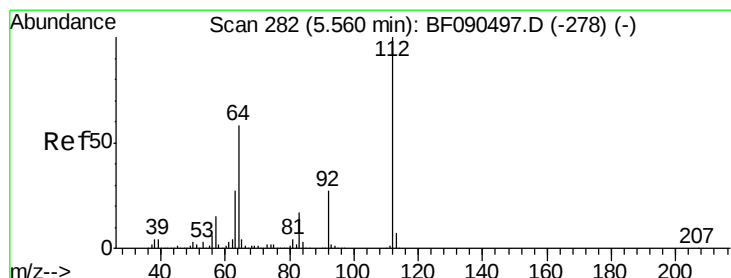
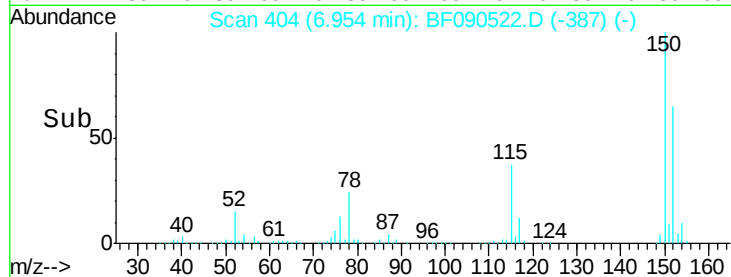
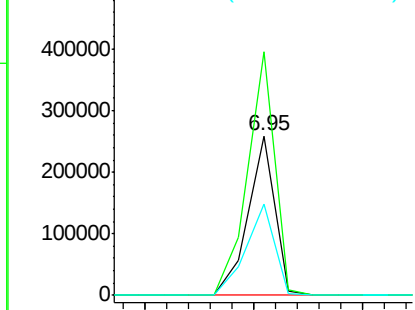
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090522.D
Acq: 12 Oct 2016 00:29

Instrument :
BNA_F
ClientSampleId :
S8-EB-2016-5

Tot Ion:152 Resp: 221418
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 57.3 46.2 69.4



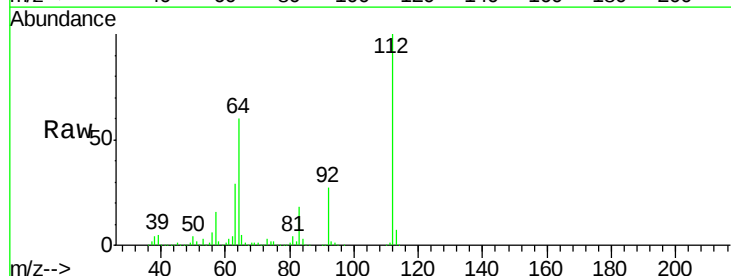
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



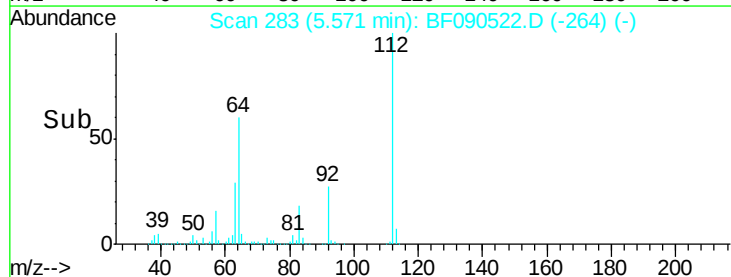
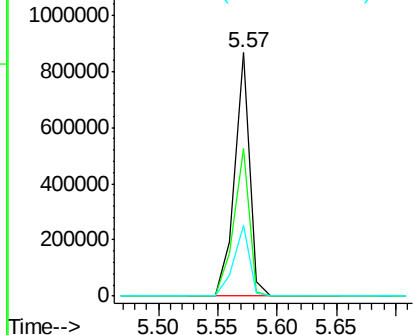
#5

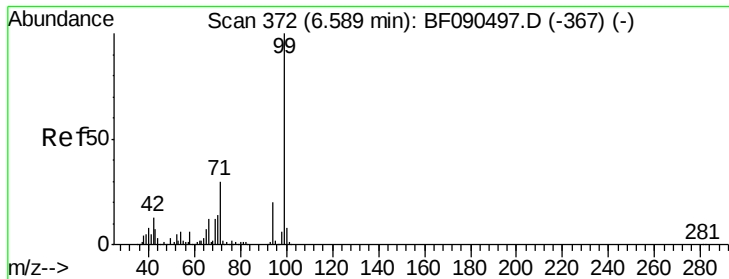
2-Fluorophenol
Concen: 53.59 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090522.D
Acq: 12 Oct 2016 00:29

Tgt Ion:112 Resp: 762758
Ion Ratio Lower Upper
112 100
64 60.5 57.9 86.9
63 29.2 29.6 44.4#



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: 37.68 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

Instrument :

BNA_F

ClientSampleId :

S8-EB-2016-5

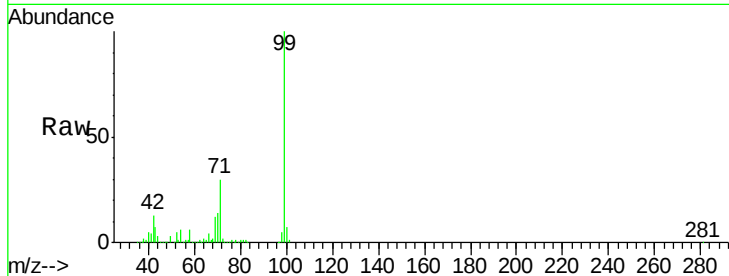
Tot Ion: 99 Resp: 676800

Ion Ratio Lower Upper

99 100

42 13.1 20.0 30.0#

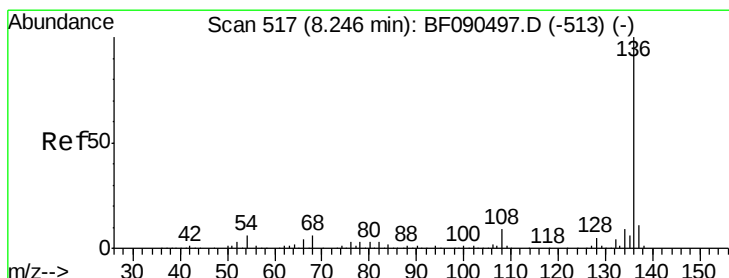
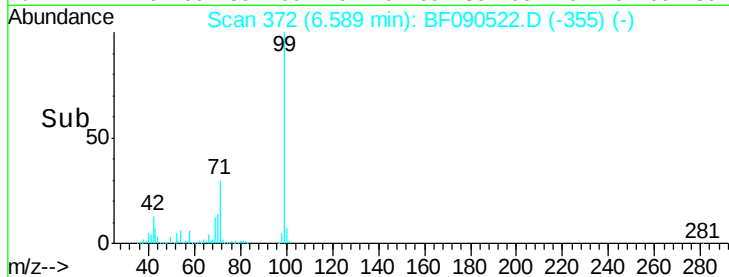
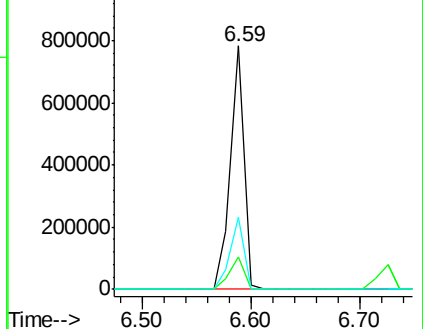
71 29.6 27.9 41.9



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: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

Tgt Ion: 136 Resp: 842653

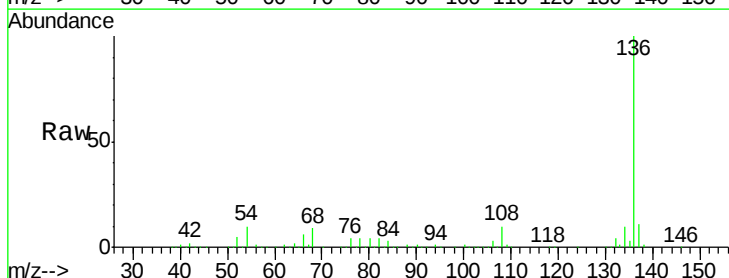
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.8 6.6 10.0

68 8.9 5.0 7.6#

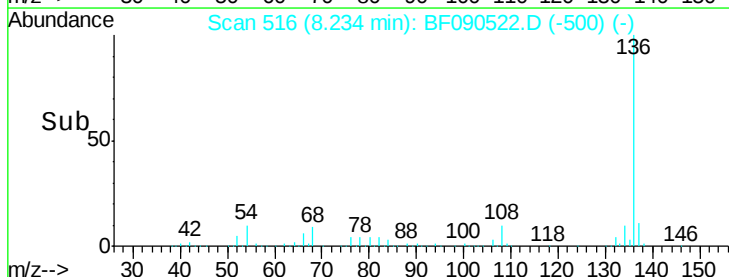
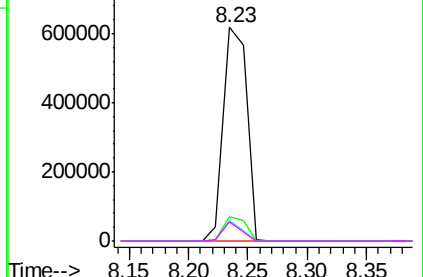


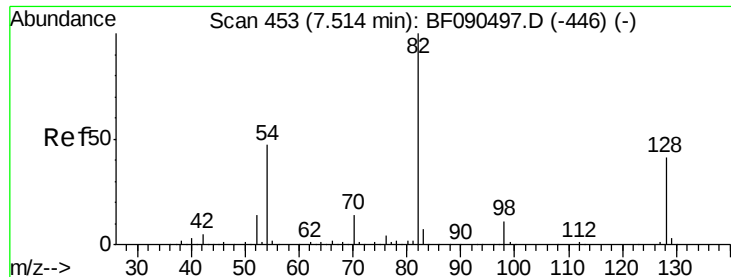
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.84 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

Instrument :

BNA_F

ClientSampleId :

S8-EB-2016-5

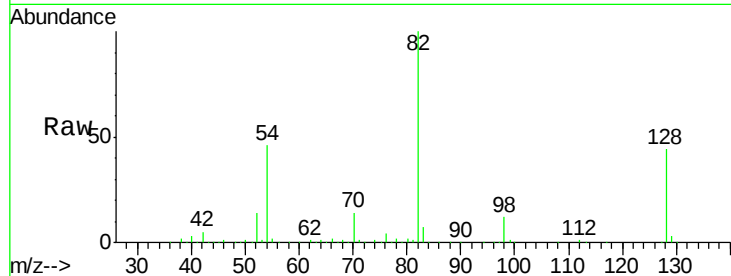
Tot Ion: 82 Resp: 1193779

Ion Ratio Lower Upper

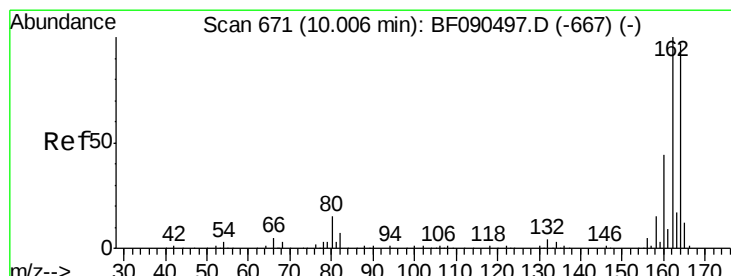
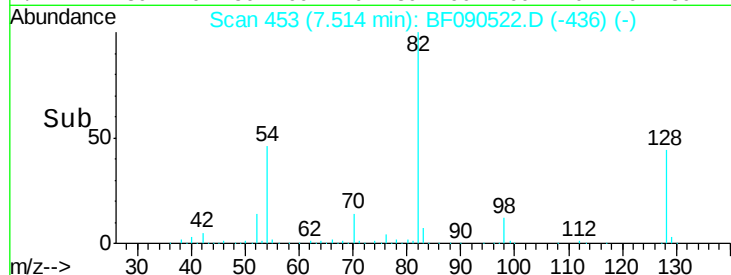
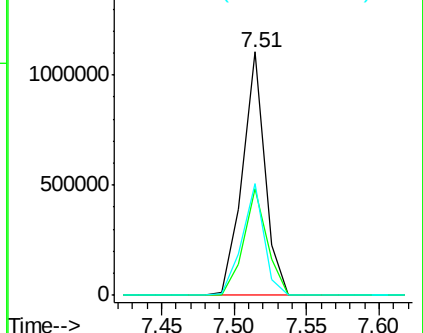
82 100

128 43.8 40.0 60.0

54 46.0 42.6 64.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

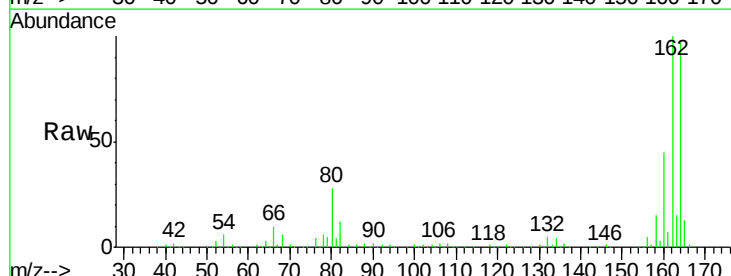
Tgt Ion:164 Resp: 430026

Ion Ratio Lower Upper

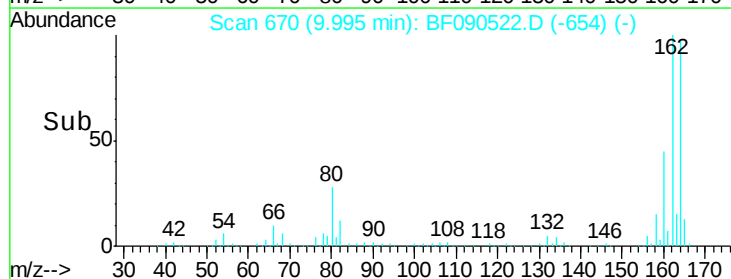
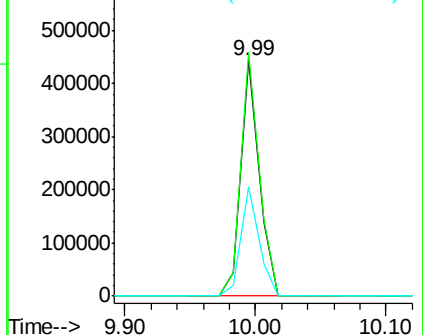
164 100

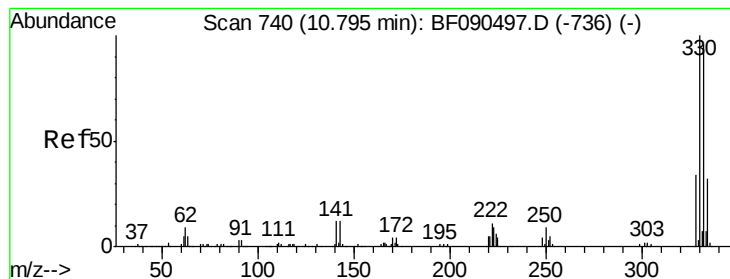
162 103.4 80.1 120.1

160 46.3 36.3 54.5



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: 155.38 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

Instrument :

BNA_F

ClientSampleId :

S8-EB-2016-5

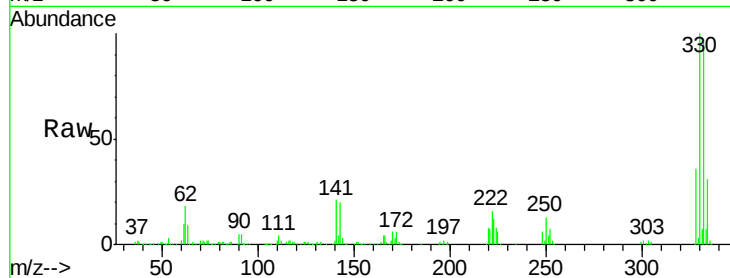
Tot Ion:330 Resp: 662346

Ion Ratio Lower Upper

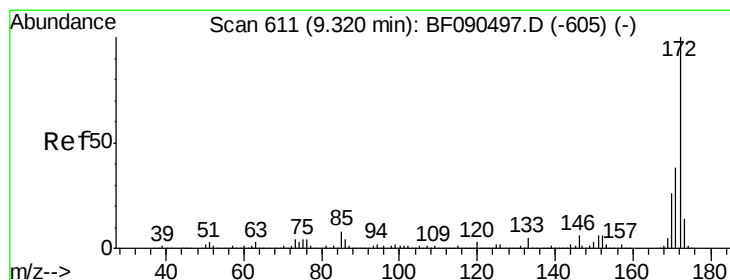
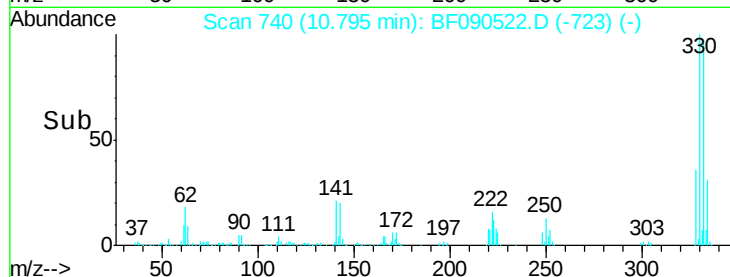
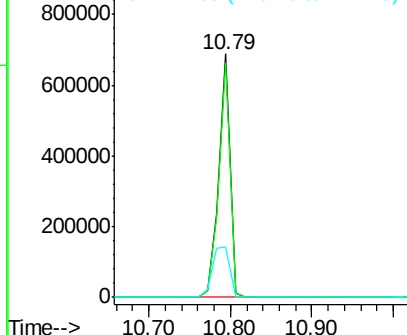
330 100

332 96.0 75.4 113.0

141 32.0 26.9 40.3



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: 92.47 ng

RT: 9.32 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

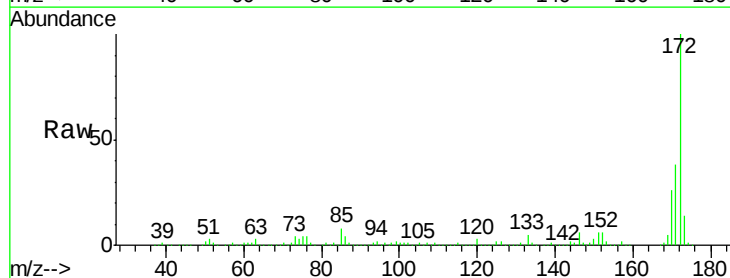
Tgt Ion:172 Resp: 2366184

Ion Ratio Lower Upper

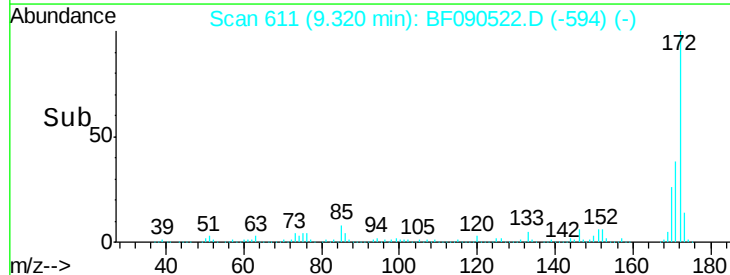
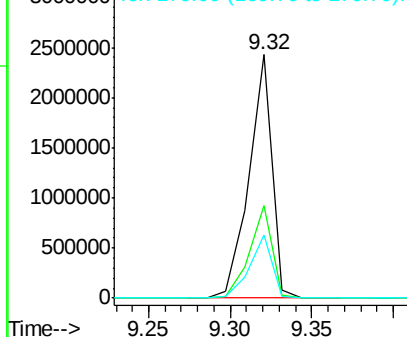
172 100

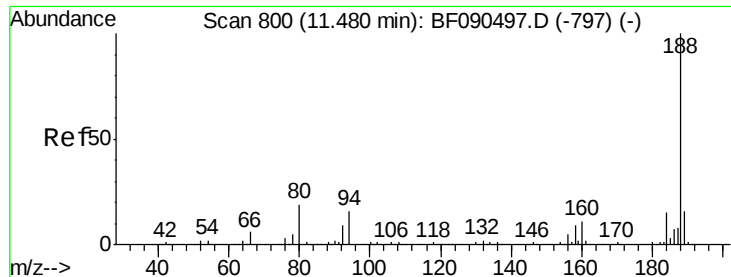
171 37.8 31.8 47.8

170 26.0 21.7 32.5



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

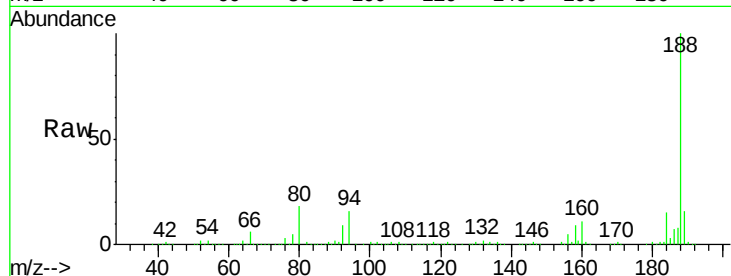




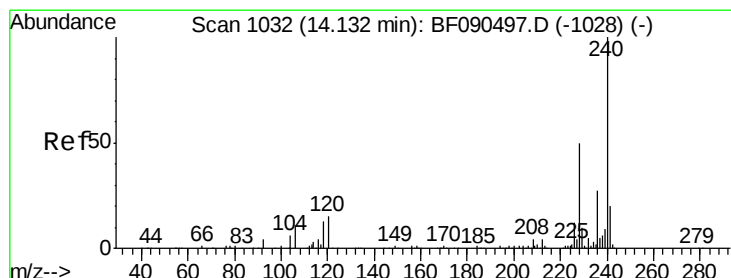
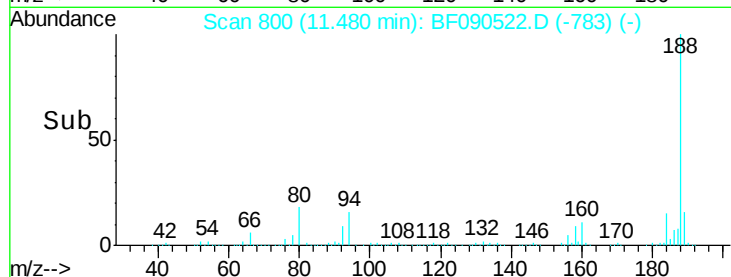
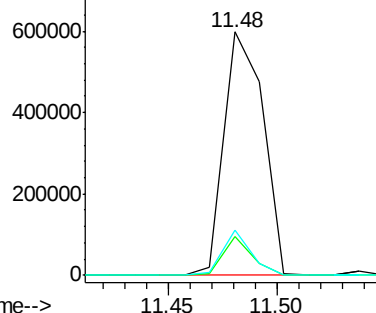
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090522.D
Acq: 12 Oct 2016 00:29

Instrument :
BNA_F
ClientSampleId :
S8-EB-2016-5

Tot Ion:188 Resp: 754587
Ion Ratio Lower Upper
188 100
94 16.2 8.2 12.2#
80 18.4 8.8 13.2#

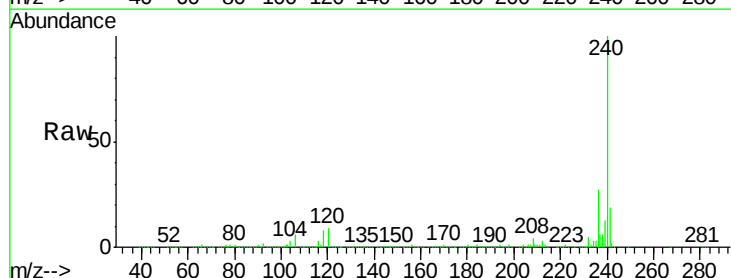


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

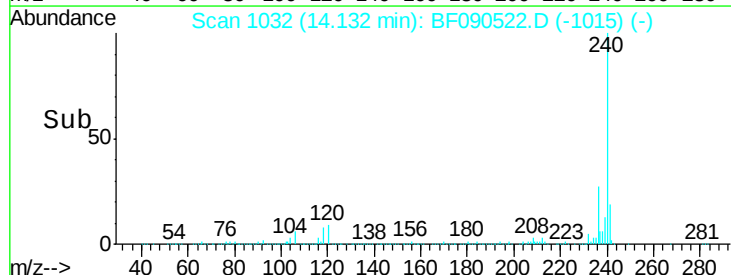
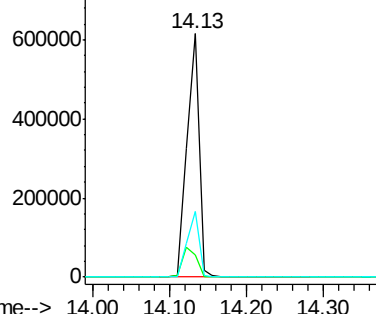


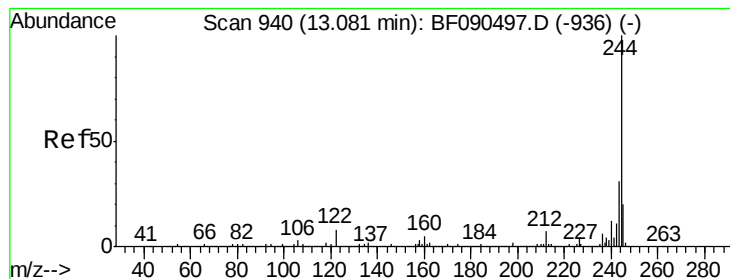
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090522.D
Acq: 12 Oct 2016 00:29

Tgt Ion:240 Resp: 667870
Ion Ratio Lower Upper
240 100
120 9.0 8.6 13.0
236 26.9 21.6 32.4



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: 97.84 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

Instrument :

BNA_F

ClientSampleId :

S8-EB-2016-5

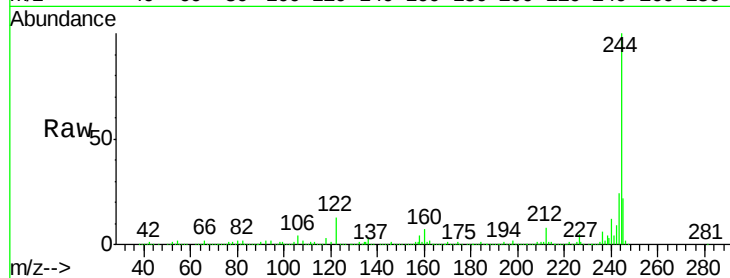
Tot Ion:244 Resp: 2673896

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

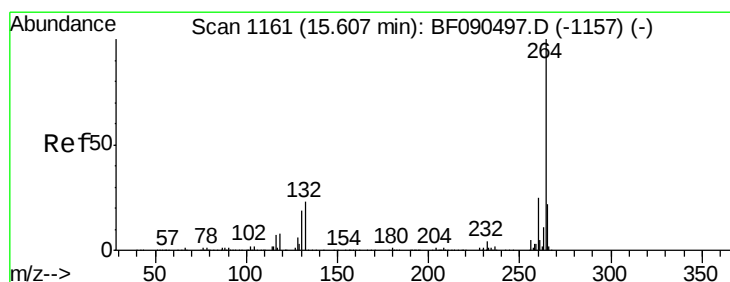
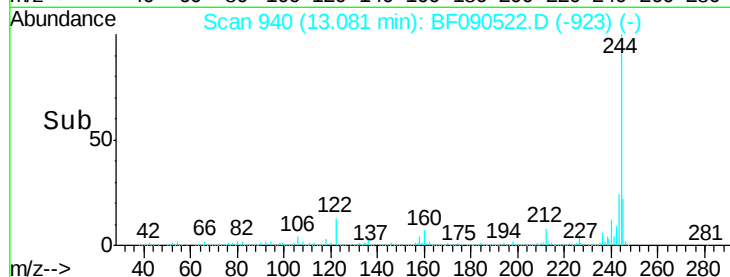
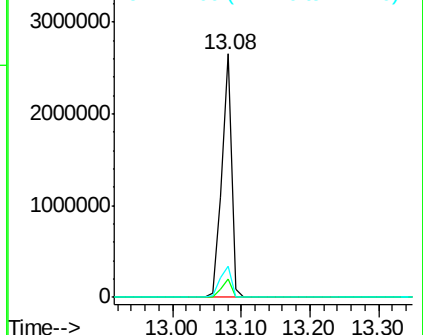
122 12.6 13.3 19.9#



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: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090522.D

Acq: 12 Oct 2016 00:29

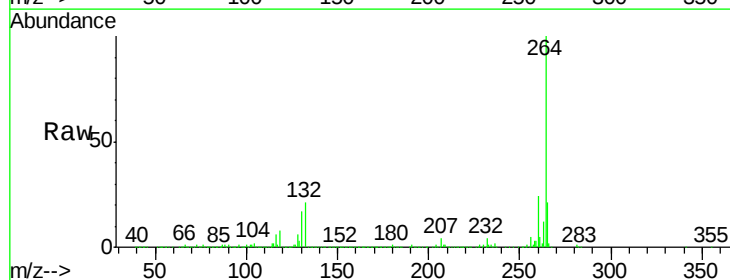
Tgt Ion:264 Resp: 470903

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.4 17.4 26.0



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

