

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090449.D
 Acq On : 7 Oct 2016 17:16
 Operator : UM/SJ
 Sample : PB93839BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Quant Time: Oct 07 17:57:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	244962	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1013547	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	556269	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	832893	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	549631	20.00	ng	-0.02
86) Perylene-d12	15.68	264	428688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1372320	83.61	ng	0.00
7) Phenol-d6	6.62	99	1748736	81.35	ng	0.00
23) Nitrobenzene-d5	7.55	82	1156384	55.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	415490	91.86	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	1823320	54.61	ng	-0.02
78) Terphenyl-d14	13.13	244	1856113	75.92	ng	-0.01

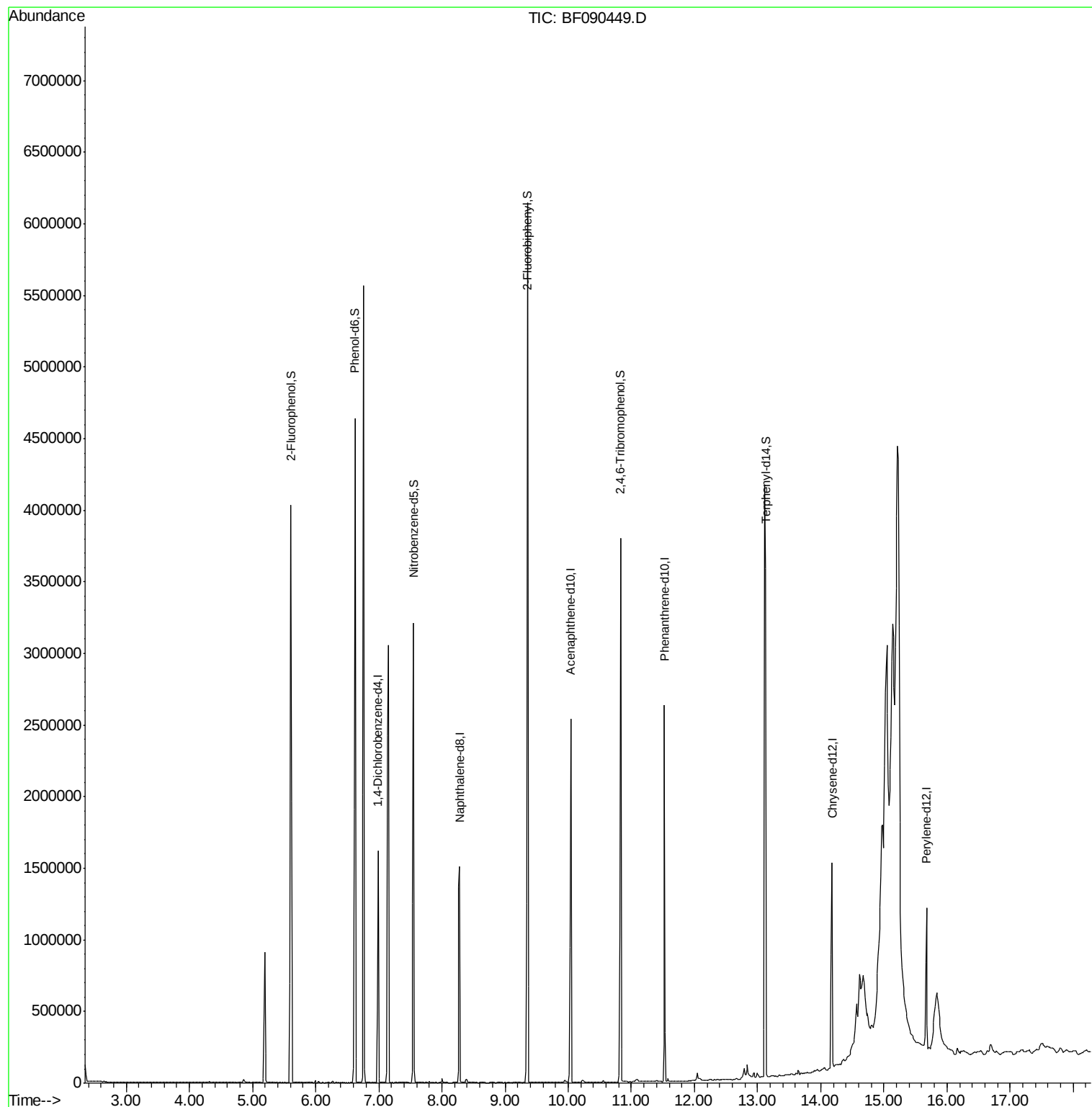
Target Compounds	Qvalue
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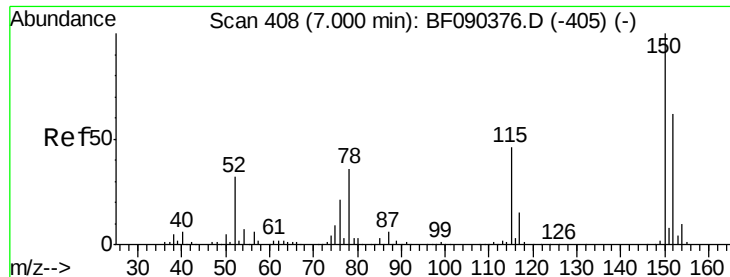
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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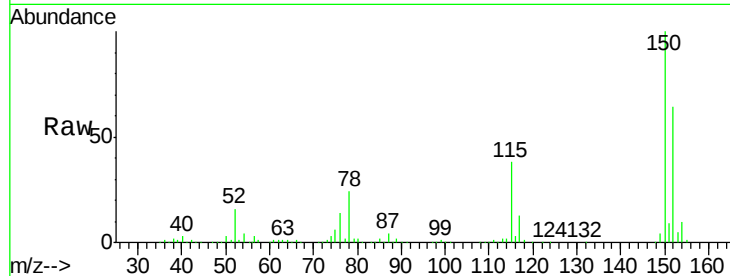


#1

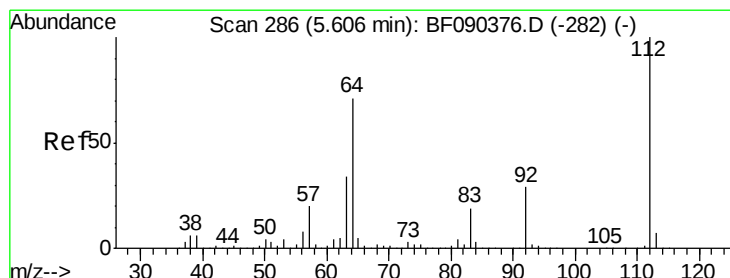
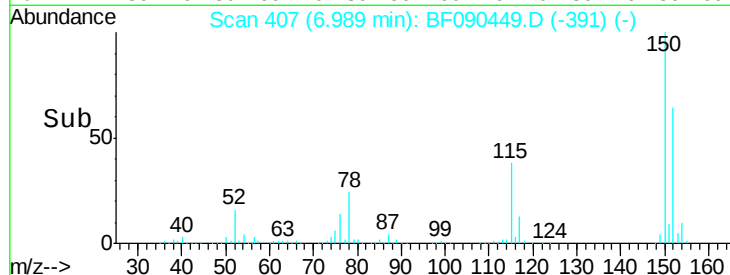
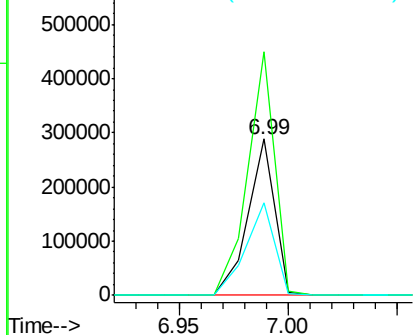
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tgt Ion:152 Resp: 244962
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.2 46.2 69.4



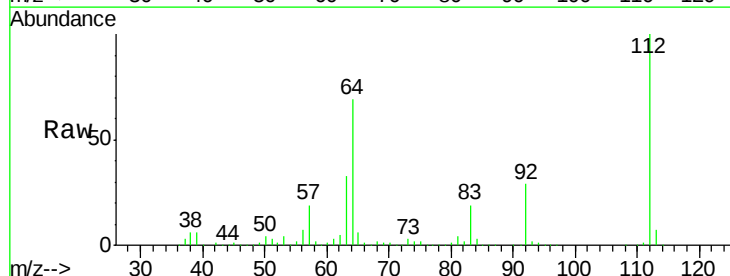
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



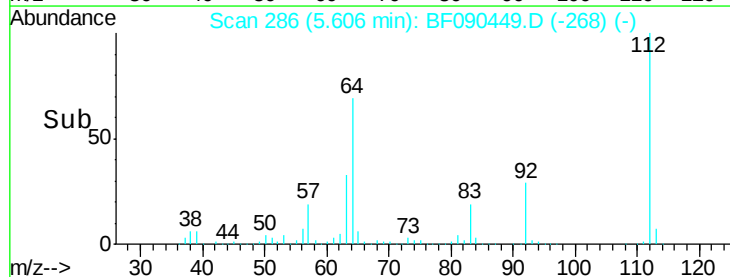
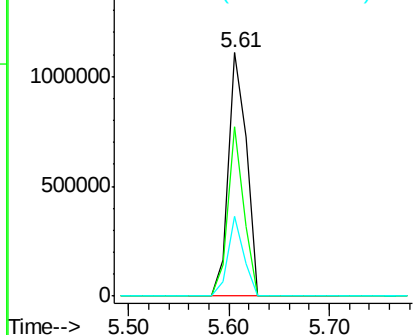
#5

2-Fluorophenol
Concen: 83.61 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

Tgt Ion:112 Resp: 1372320
Ion Ratio Lower Upper
112 100
64 69.3 57.9 86.9
63 33.0 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: 81.35 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

Instrument :

BNA_F

ClientSampleId :

PB93839BL

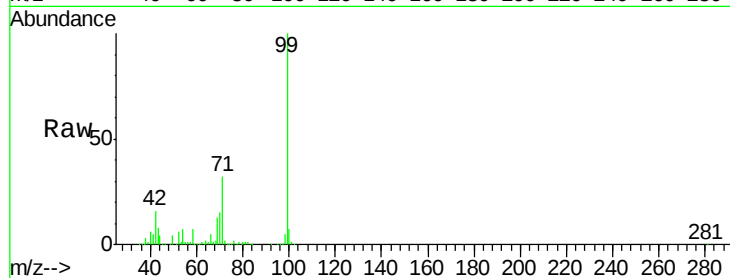
Tgt Ion: 99 Resp: 1748736

Ion Ratio Lower Upper

99 100

42 15.6 20.0 30.0#

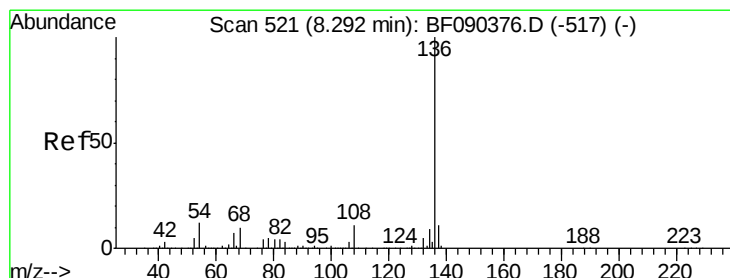
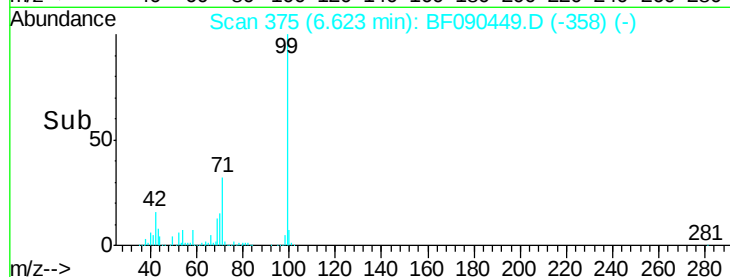
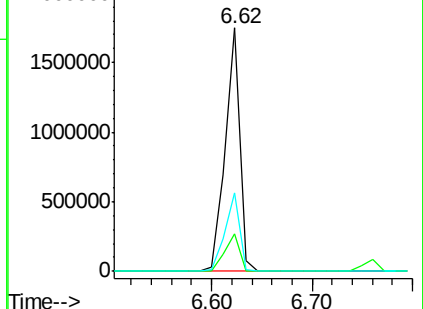
71 32.4 27.9 41.9



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: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

Tgt Ion: 136 Resp: 1013547

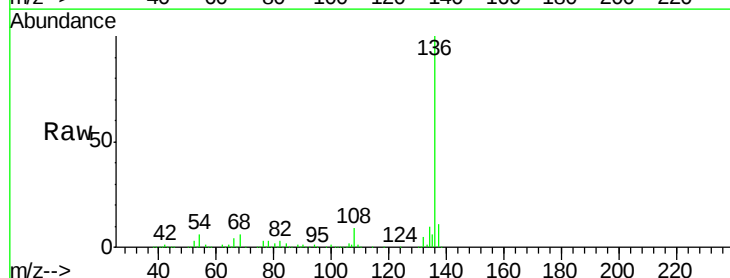
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.9 6.6 10.0#

68 5.7 5.0 7.6

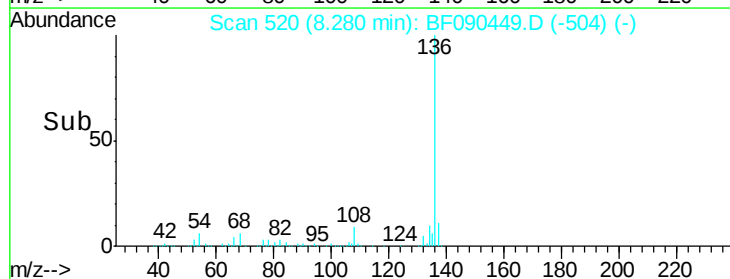
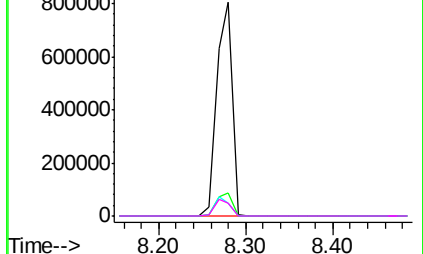


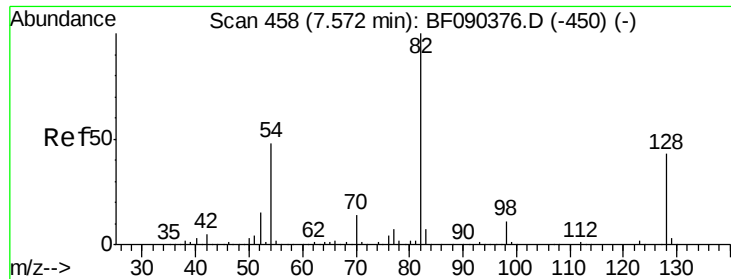
Abundance Ion 136.00 (135.70 to 136.70): E

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

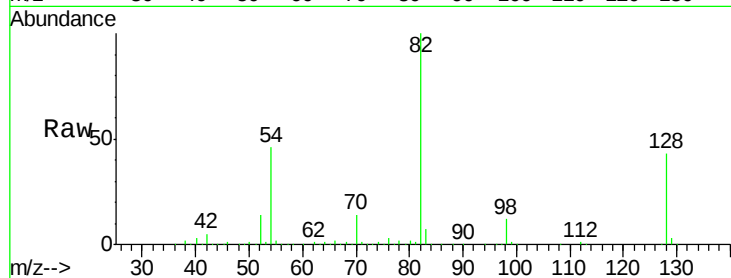




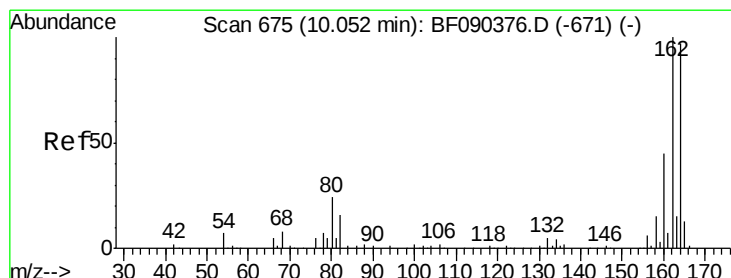
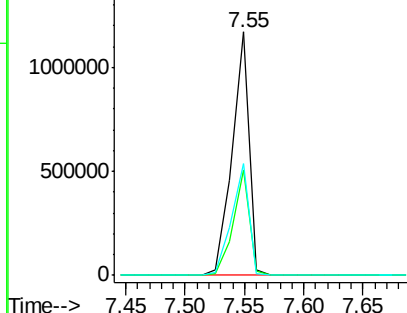
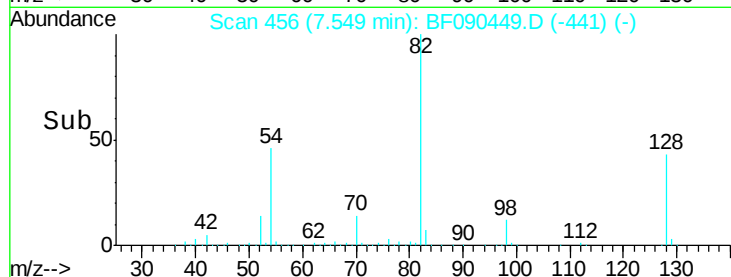
#23
 Nitrobenzene-d5
 Concen: 55.50 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Tgt Ion: 82 Resp: 1156384
 Ion Ratio Lower Upper
 82 100
 128 43.1 40.0 60.0
 54 46.1 42.6 64.0

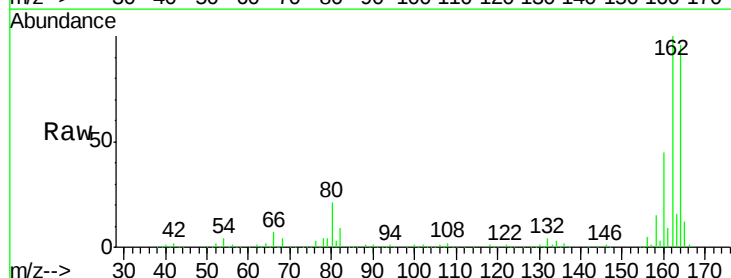


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

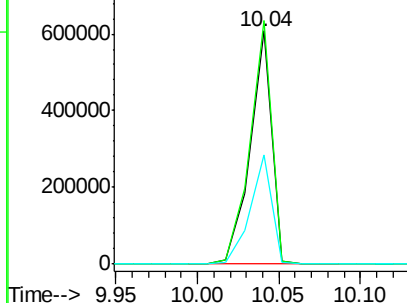
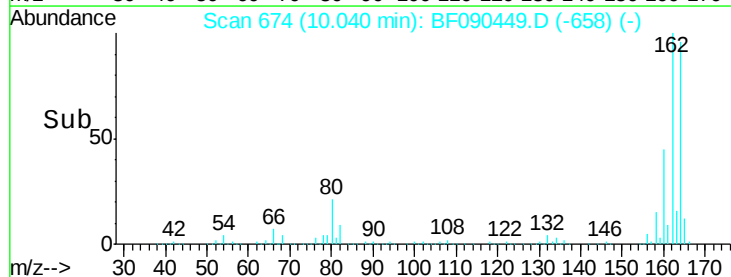


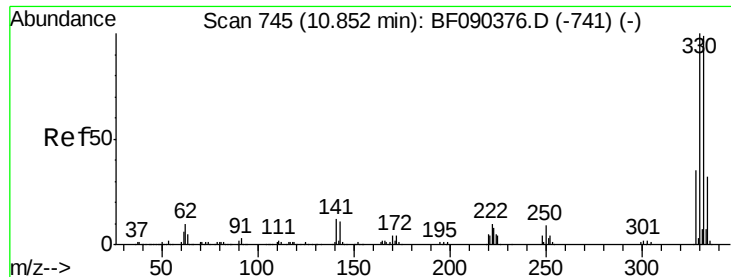
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Tgt Ion: 164 Resp: 556269
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.1 120.1
 160 46.7 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

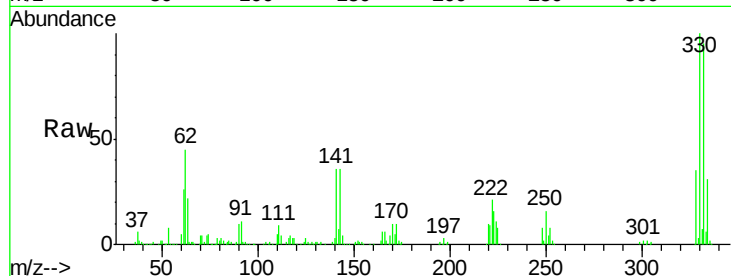




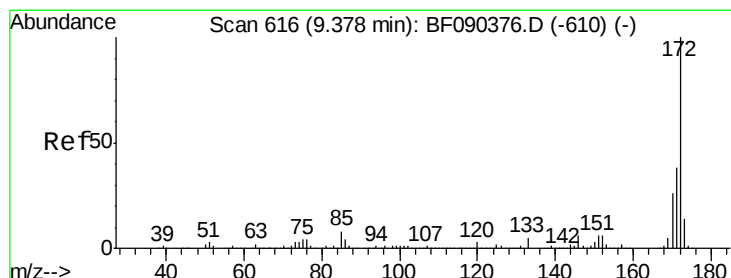
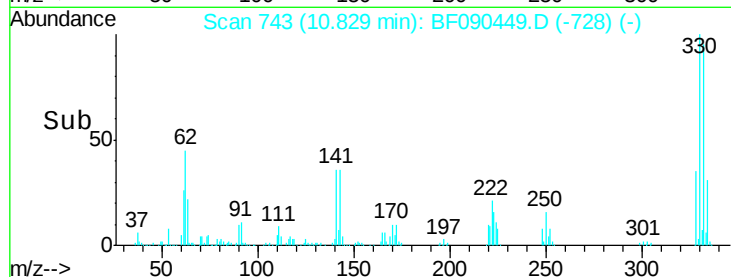
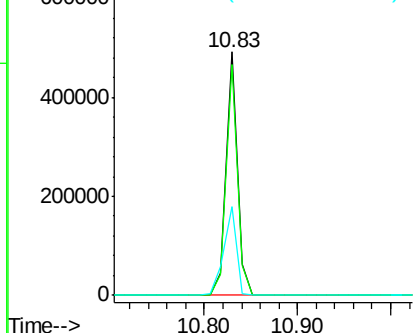
#41
 2,4,6-Tribromophenol
 Concen: 91.86 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Tgt Ion:330 Resp: 415490
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 40.0 26.9 40.3

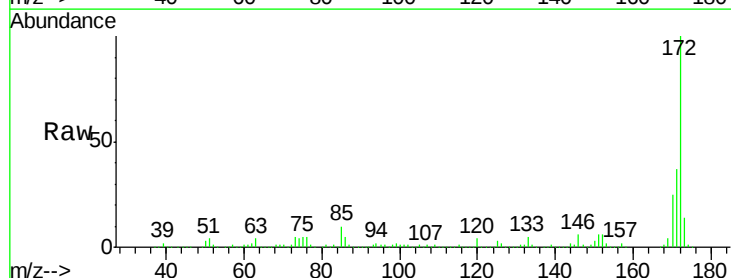


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

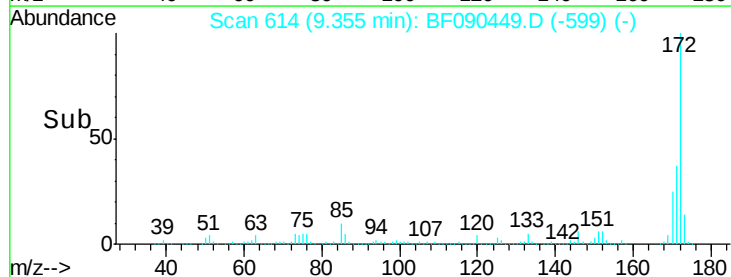
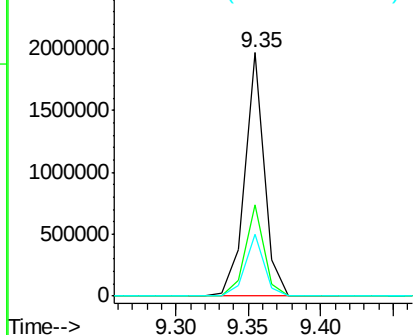


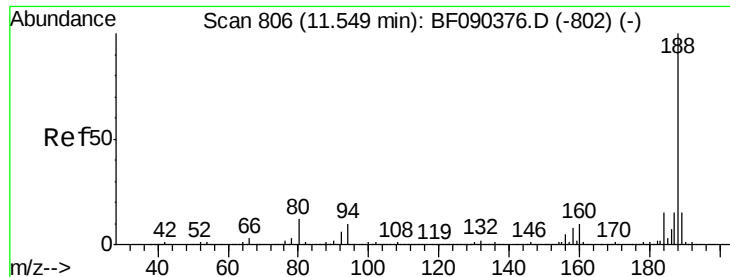
#44
 2-Fluorobiphenyl
 Concen: 54.61 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Tgt Ion:172 Resp: 1823320
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.8 47.8
 170 25.3 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

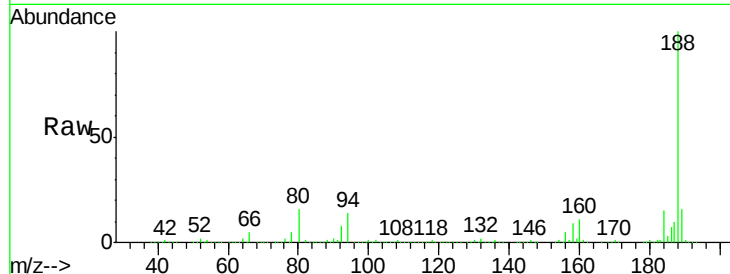




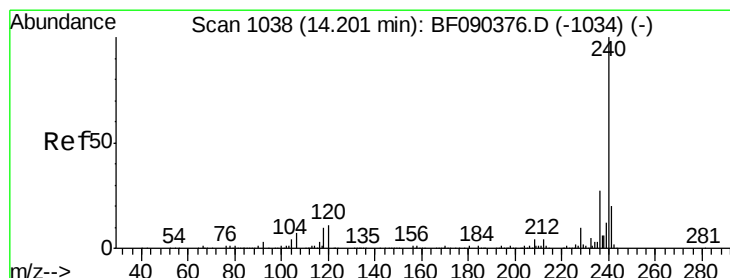
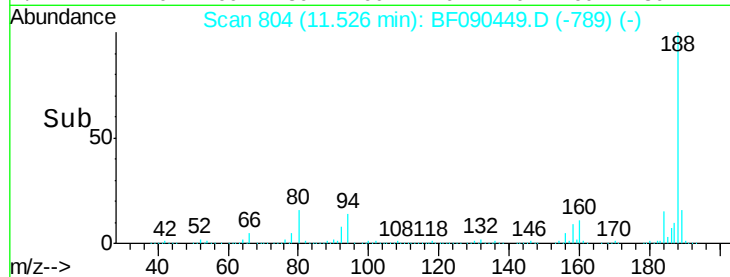
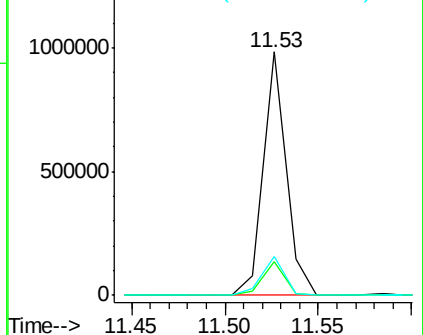
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

Instrument :
BNA_F
ClientSampled :
PB93839BL

Tgt Ion:188 Resp: 832893
Ion Ratio Lower Upper
188 100
94 13.8 8.2 12.2#
80 16.1 8.8 13.2#

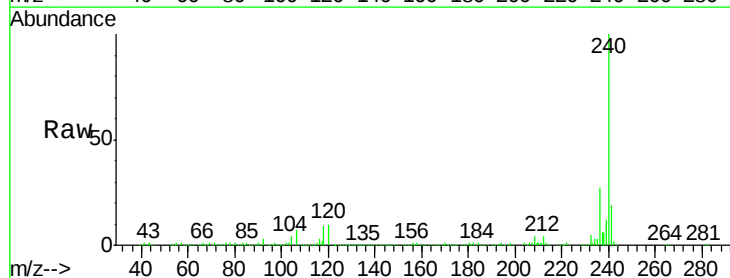


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

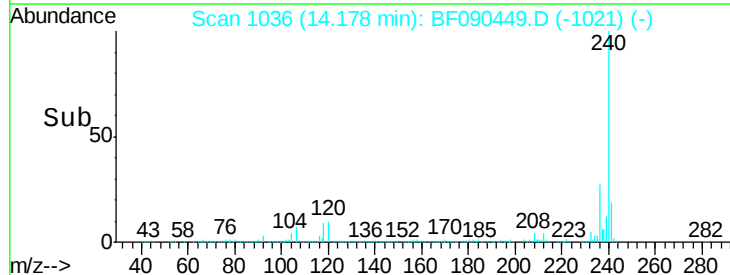
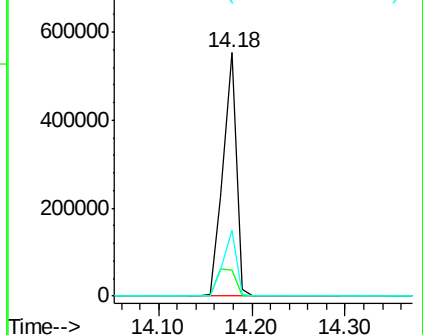


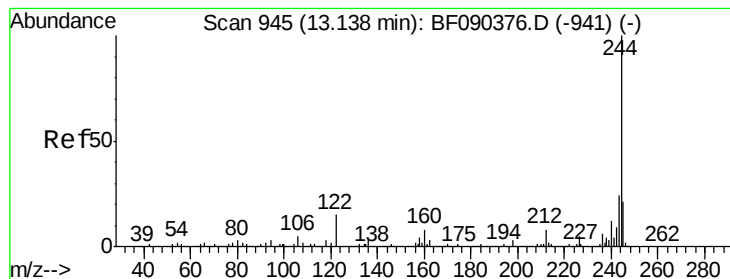
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

Tgt Ion:240 Resp: 549631
Ion Ratio Lower Upper
240 100
120 10.5 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: 75.92 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

Instrument :

BNA_F

ClientSampleId :

PB93839BL

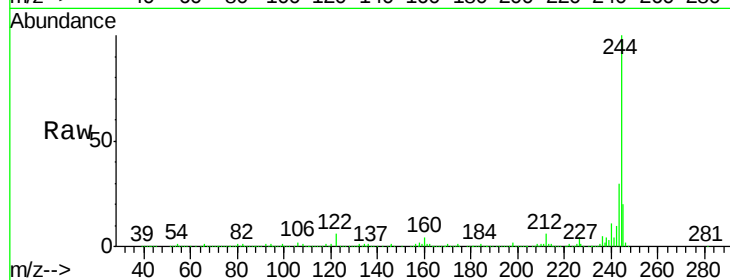
Tgt Ion:244 Resp: 1856113

Ion Ratio Lower Upper

244 100

212 6.0 6.8 10.2#

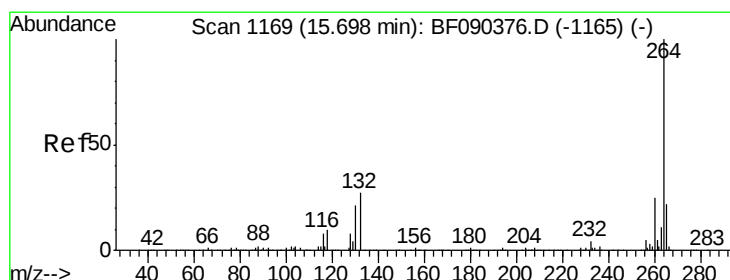
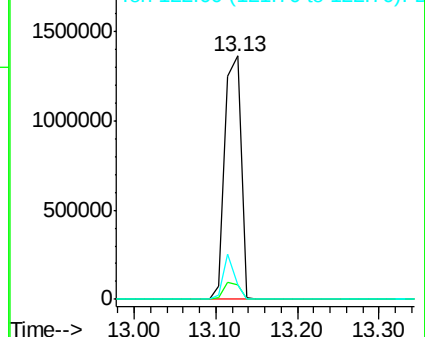
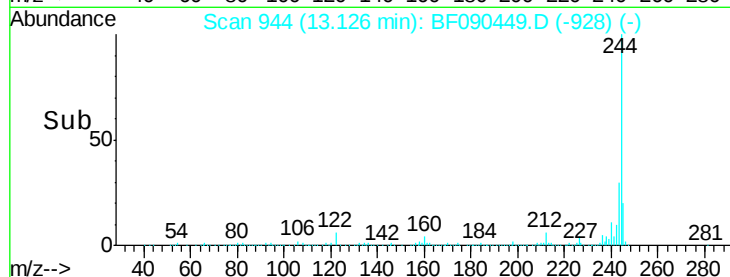
122 6.1 13.3 19.9#



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: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

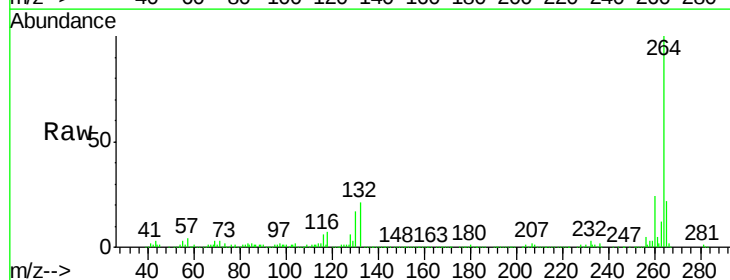
Tgt Ion:264 Resp: 428688

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.1 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

