

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090459.D
 Acq On : 7 Oct 2016 22:24
 Operator : UM/SJ
 Sample : PB93867BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BL

Quant Time: Oct 08 00:03:22 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

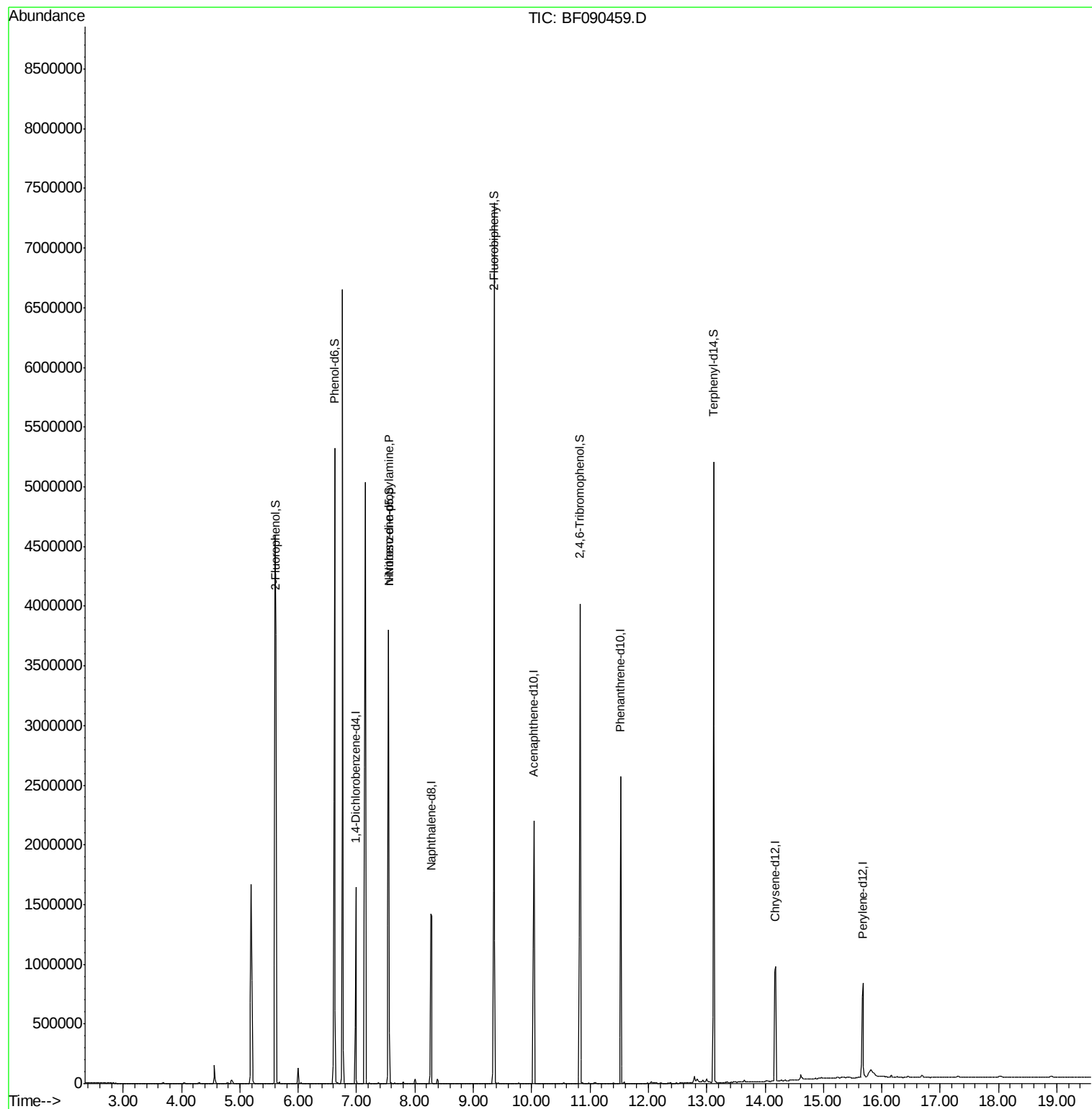
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	243572	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	978419	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	529700	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	801974	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	460899	20.00	ng	-0.02
86) Perylene-d12	15.68	264	389752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1890822	115.86	ng	0.01
7) Phenol-d6	6.62	99	2152863	100.72	ng	0.00
23) Nitrobenzene-d5	7.55	82	1389158	69.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	435014	101.00	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2295570	72.21	ng	-0.02
78) Terphenyl-d14	13.11	244	2006210	97.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	193069	12.32	ng	Qvalue # 64

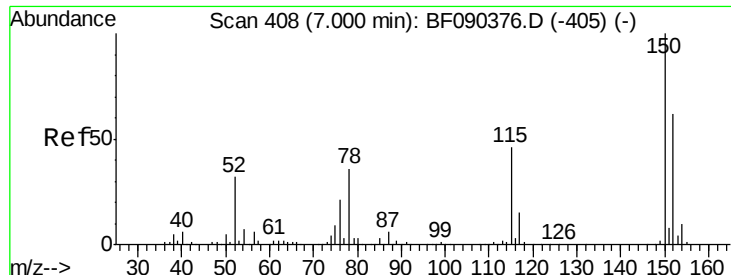
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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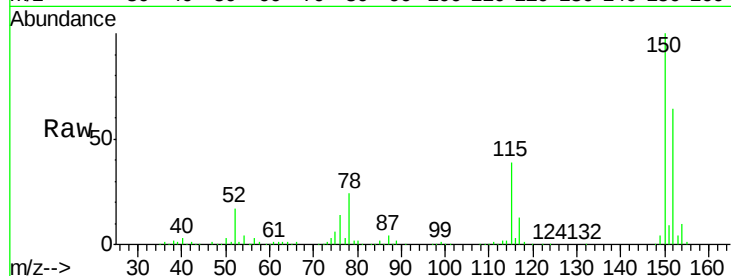


#1

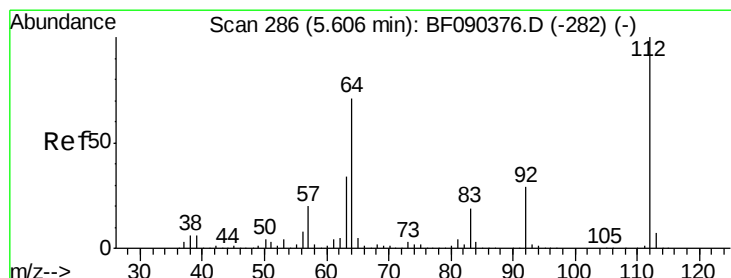
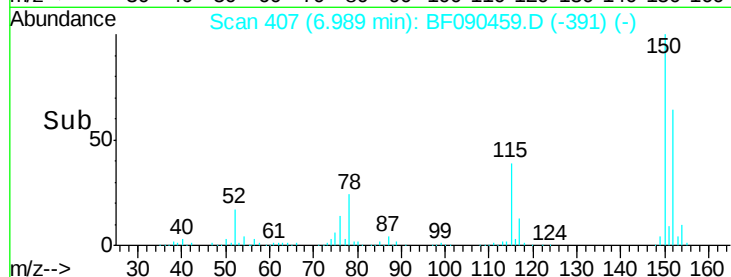
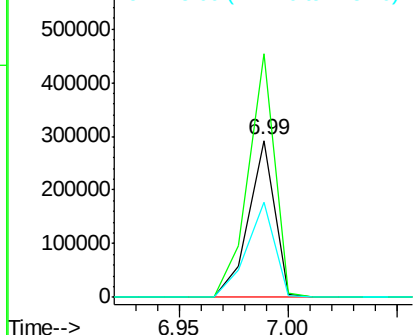
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Instrument :
BNA_F
ClientSampleId :
PB93867BL

Tgt Ion:152 Resp: 243572
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.3 46.2 69.4



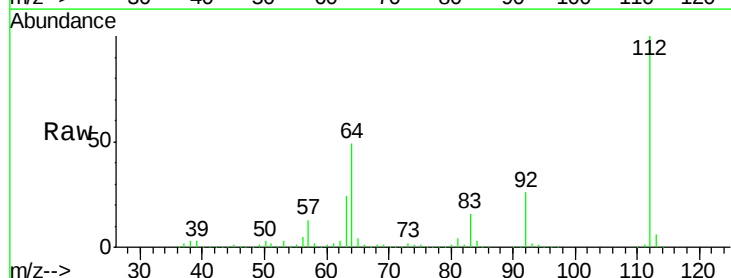
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



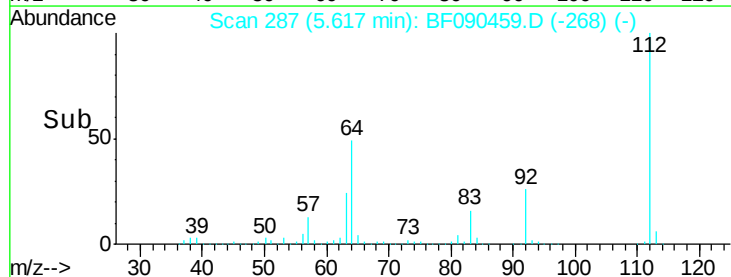
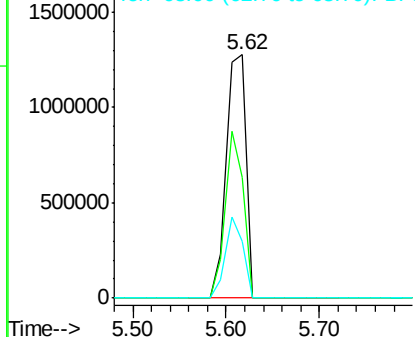
#5

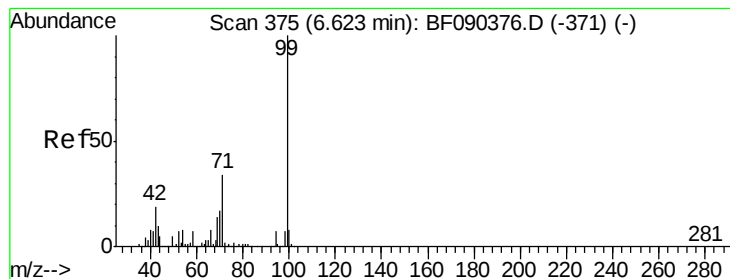
2-Fluorophenol
Concen: 115.86 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Tgt Ion:112 Resp: 1890822
Ion Ratio Lower Upper
112 100
64 49.4 57.9 86.9#
63 23.5 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: 100.72 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

BNA_F

ClientSampled :

PB93867BL

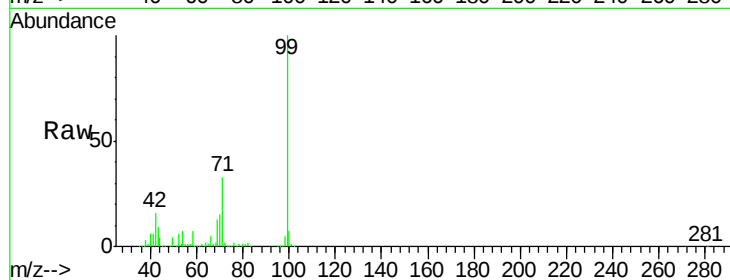
Tgt Ion: 99 Resp: 2152863

Ion Ratio Lower Upper

99 100

42 16.5 20.0 30.0#

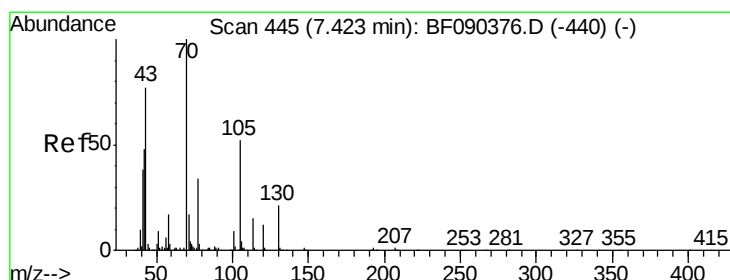
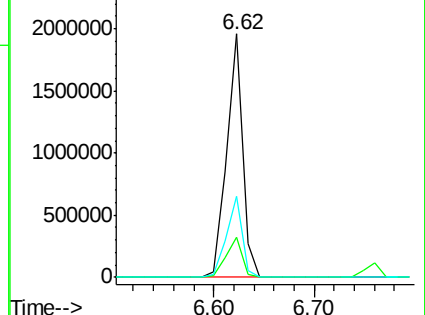
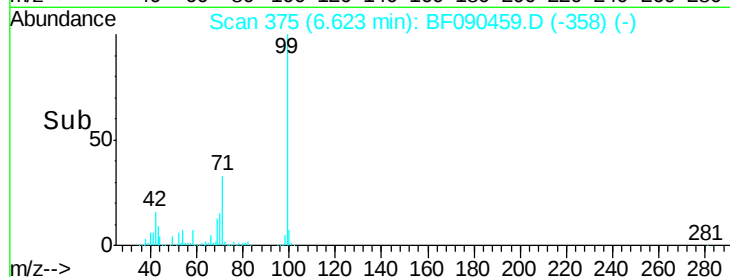
71 33.5 27.9 41.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.32 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Tgt Ion: 70 Resp: 193069

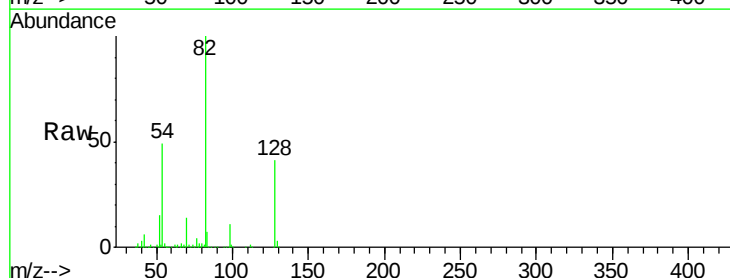
Ion Ratio Lower Upper

70 100

42 39.3 55.4 83.2#

101 0.0 7.6 11.4#

130 1.9 16.5 24.7#

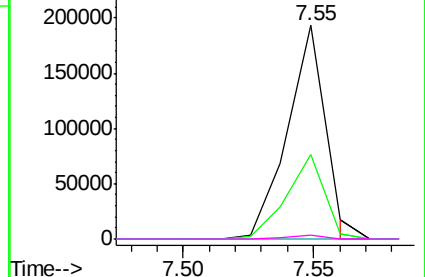
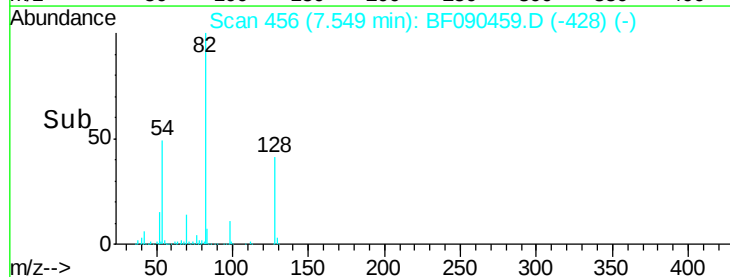


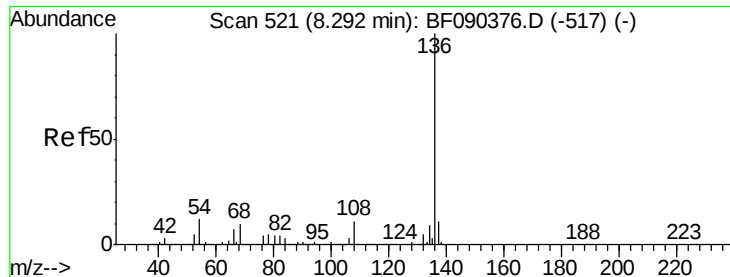
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

BNA_F

ClientSampleId :

PB93867BL

Tgt Ion:136 Resp: 978419

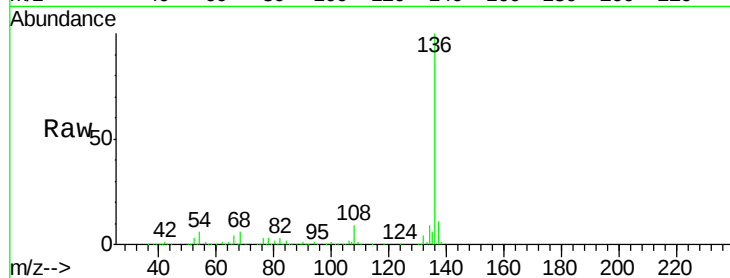
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 5.9 6.6 10.0#

68 5.7 5.0 7.6

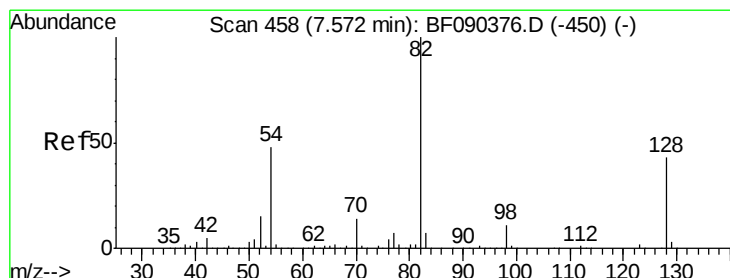
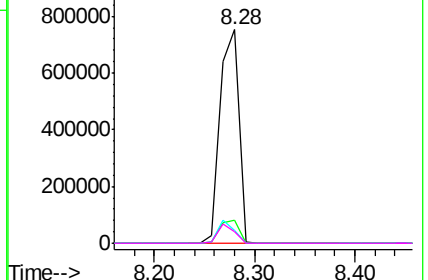
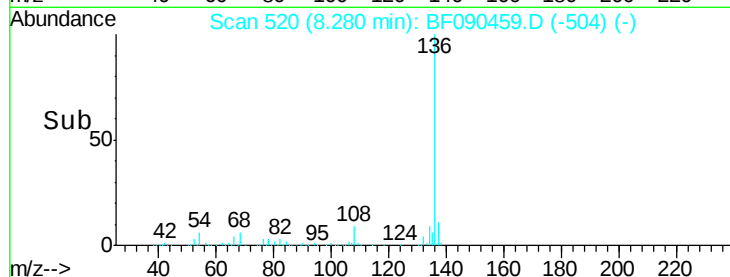


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.06 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

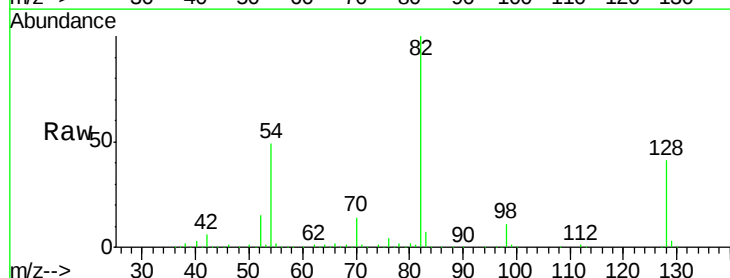
Tgt Ion: 82 Resp: 1389158

Ion Ratio Lower Upper

82 100

128 41.5 40.0 60.0

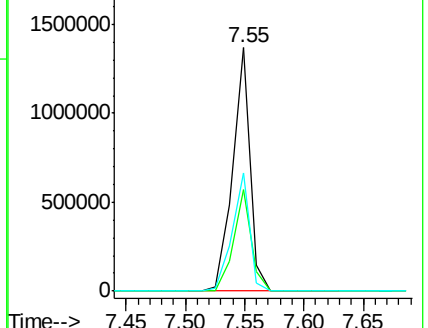
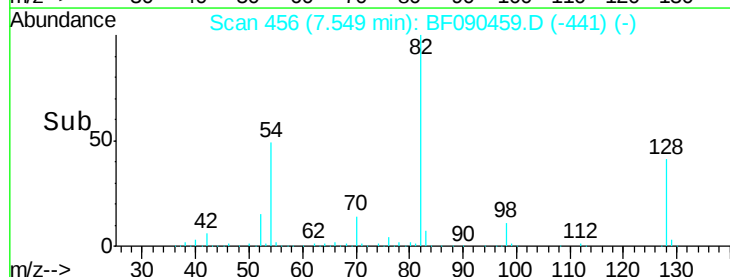
54 48.7 42.6 64.0

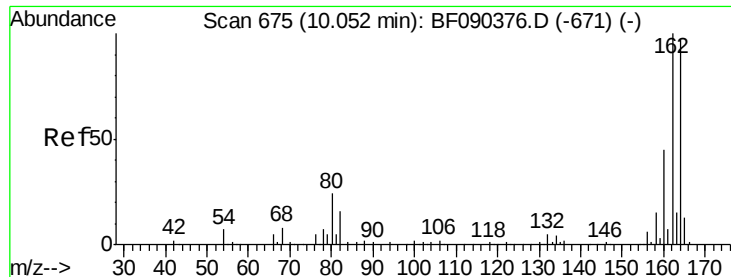


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

BNA_F

ClientSampleId :

PB93867BL

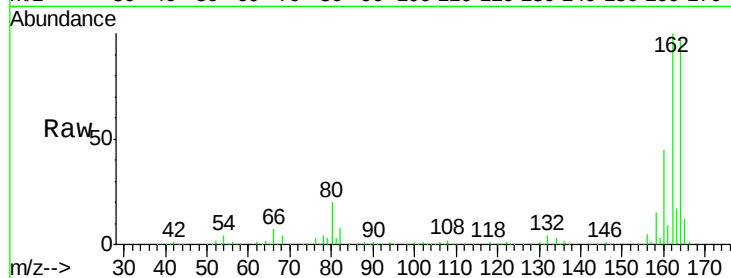
Tgt Ion:164 Resp: 529700

Ion Ratio Lower Upper

164 100

162 103.5 80.1 120.1

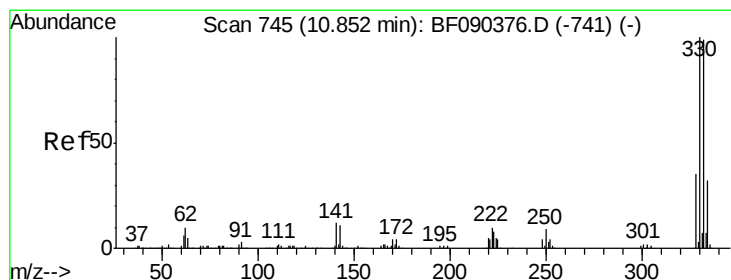
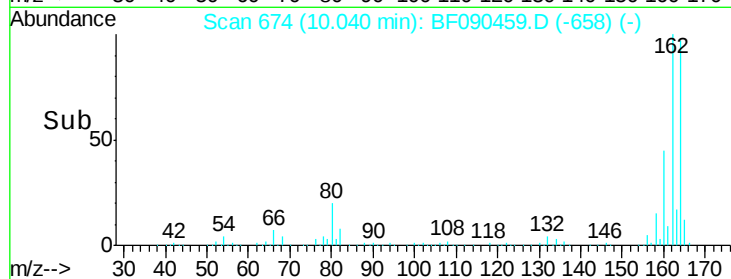
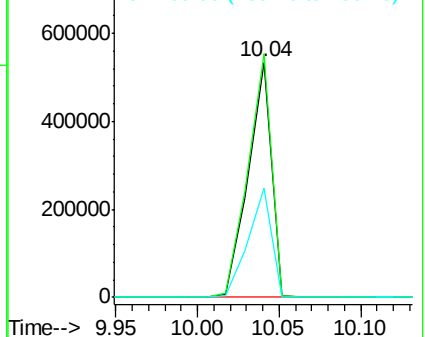
160 46.3 36.3 54.5



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: 101.00 ng

RT: 10.83 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

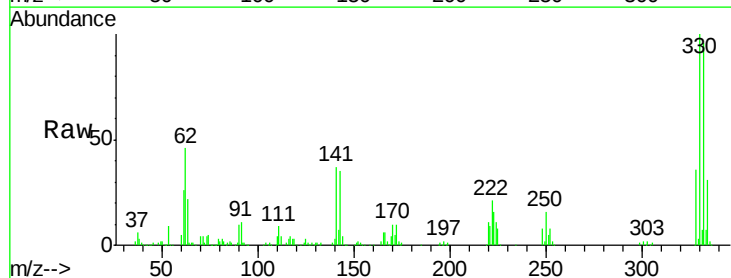
Tgt Ion:330 Resp: 435014

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.0

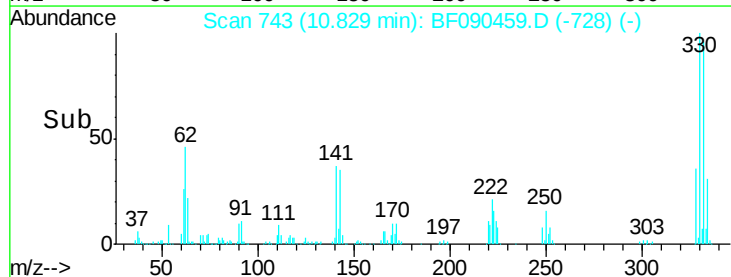
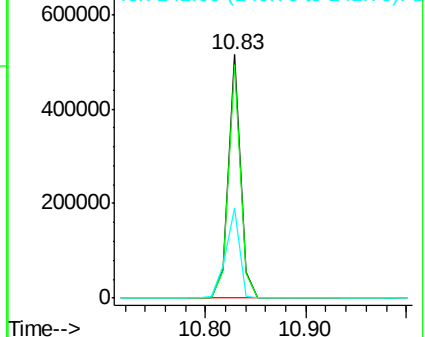
141 42.0 26.9 40.3#

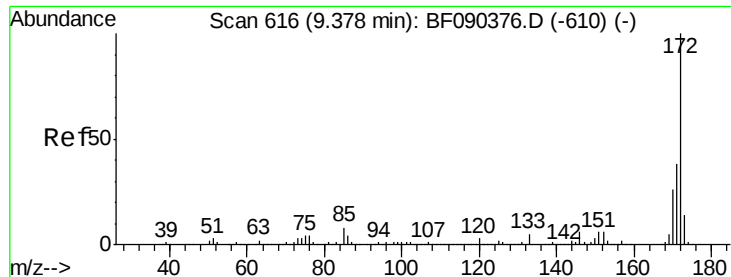


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

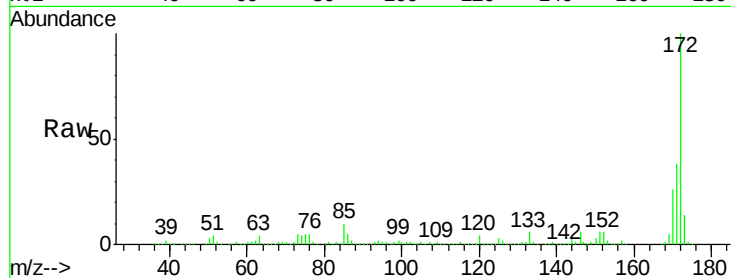




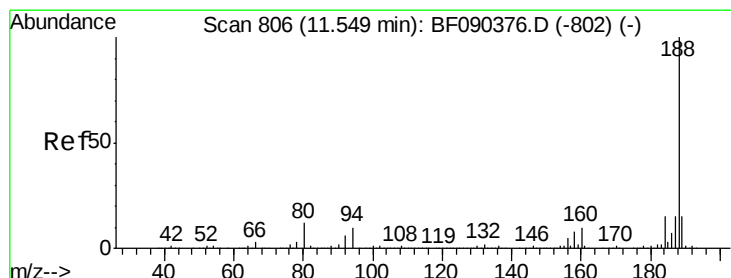
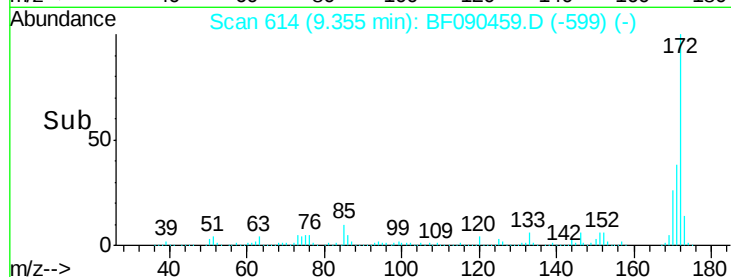
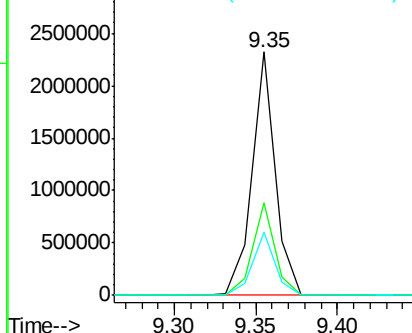
#44
2-Fluorobiphenyl
Concen: 72.21 ng
RT: 9.35 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Instrument :
BNA_F
ClientSampleId :
PB93867BL

Tgt Ion:172 Resp: 2295570
Ion Ratio Lower Upper
172 100
171 38.1 31.8 47.8
170 26.0 21.7 32.5

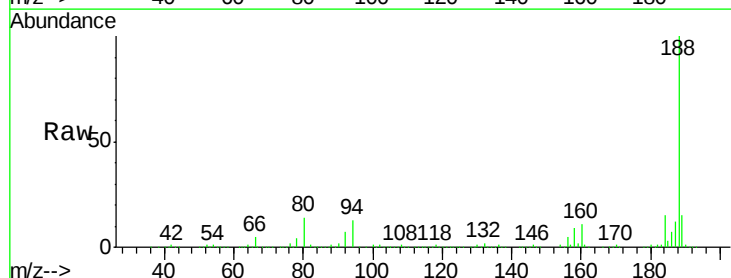


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

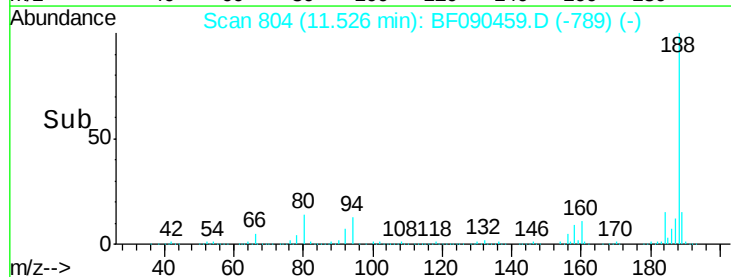
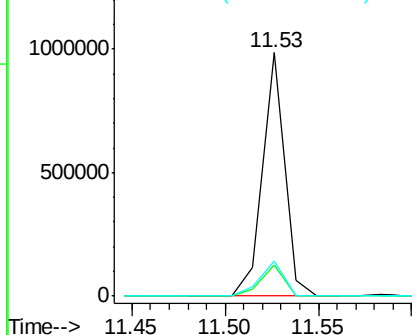


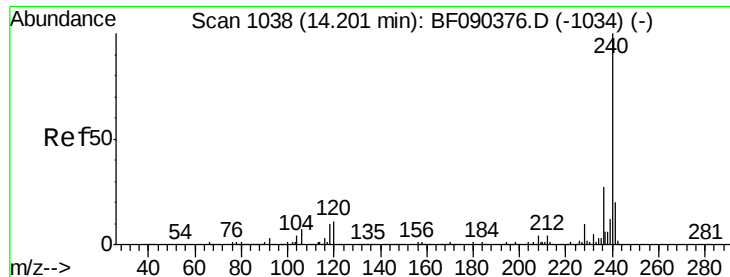
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Tgt Ion:188 Resp: 801974
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 14.4 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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

Instrument :

BNA_F

ClientSampleId :

PB93867BL

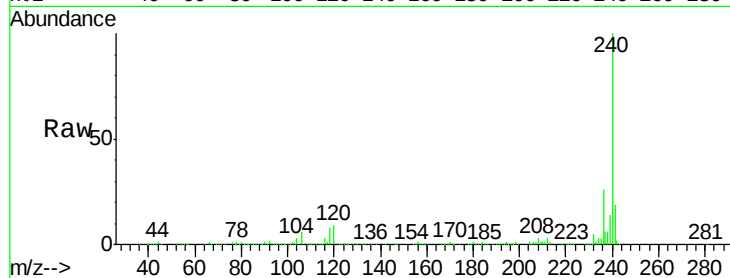
Tgt Ion:240 Resp: 460899

Ion Ratio Lower Upper

240 100

120 8.8 8.6 13.0

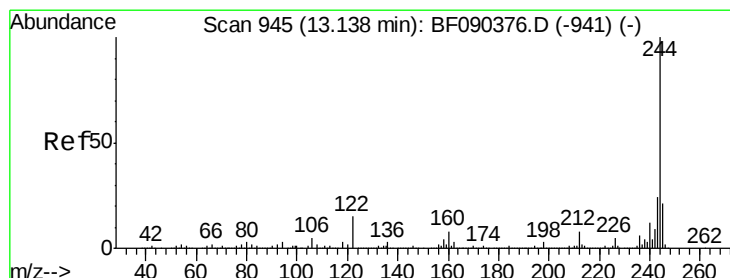
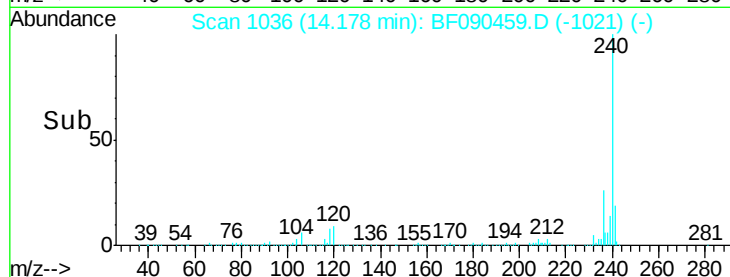
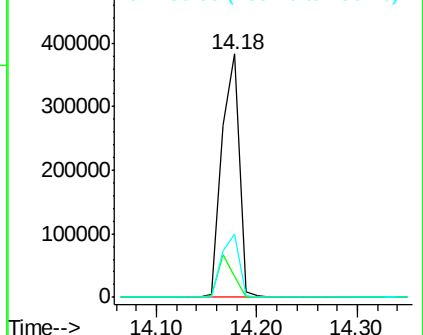
236 26.2 21.6 32.4



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: 97.86 ng

RT: 13.11 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090459.D

Acq: 7 Oct 2016 22:24

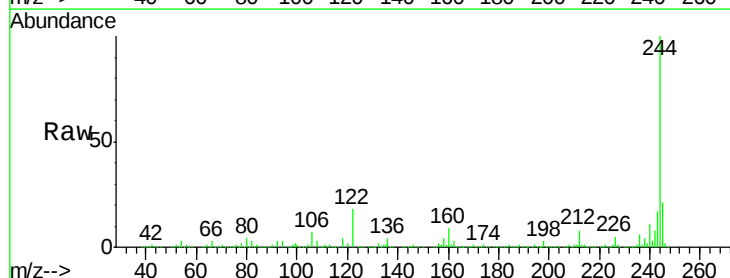
Tgt Ion:244 Resp: 2006210

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

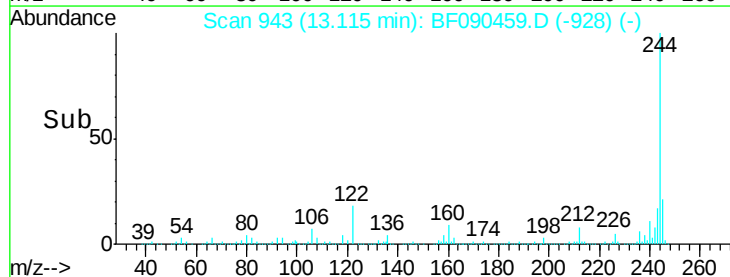
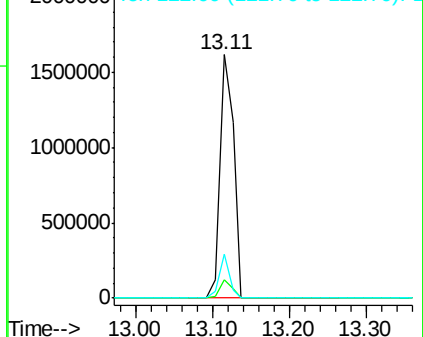
122 18.2 13.3 19.9

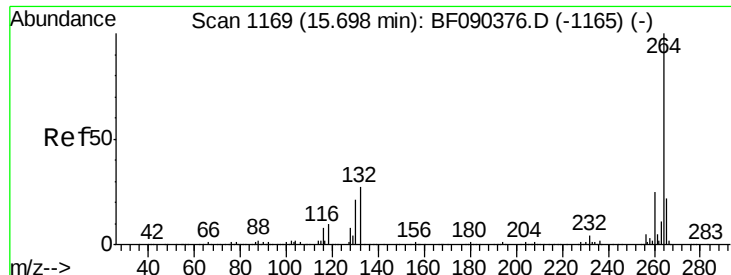


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

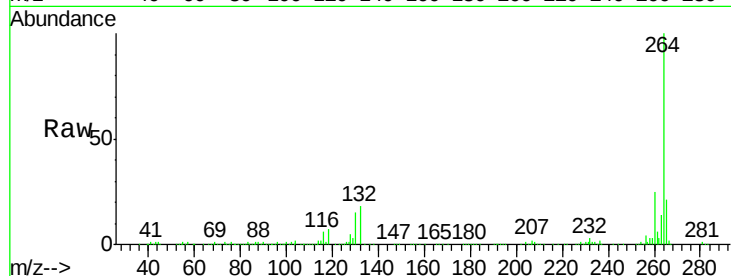




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090459.D
Acq: 7 Oct 2016 22:24

Instrument :
BNA_F
ClientSampleId :
PB93867BL

Tgt Ion:	264	Resp:	389752
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	21.2	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

