

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084260.D
 Acq On : 5 Jan 2016 2:45
 Operator : UM/SJ
 Sample : G4990-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Jan 05 07:21:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

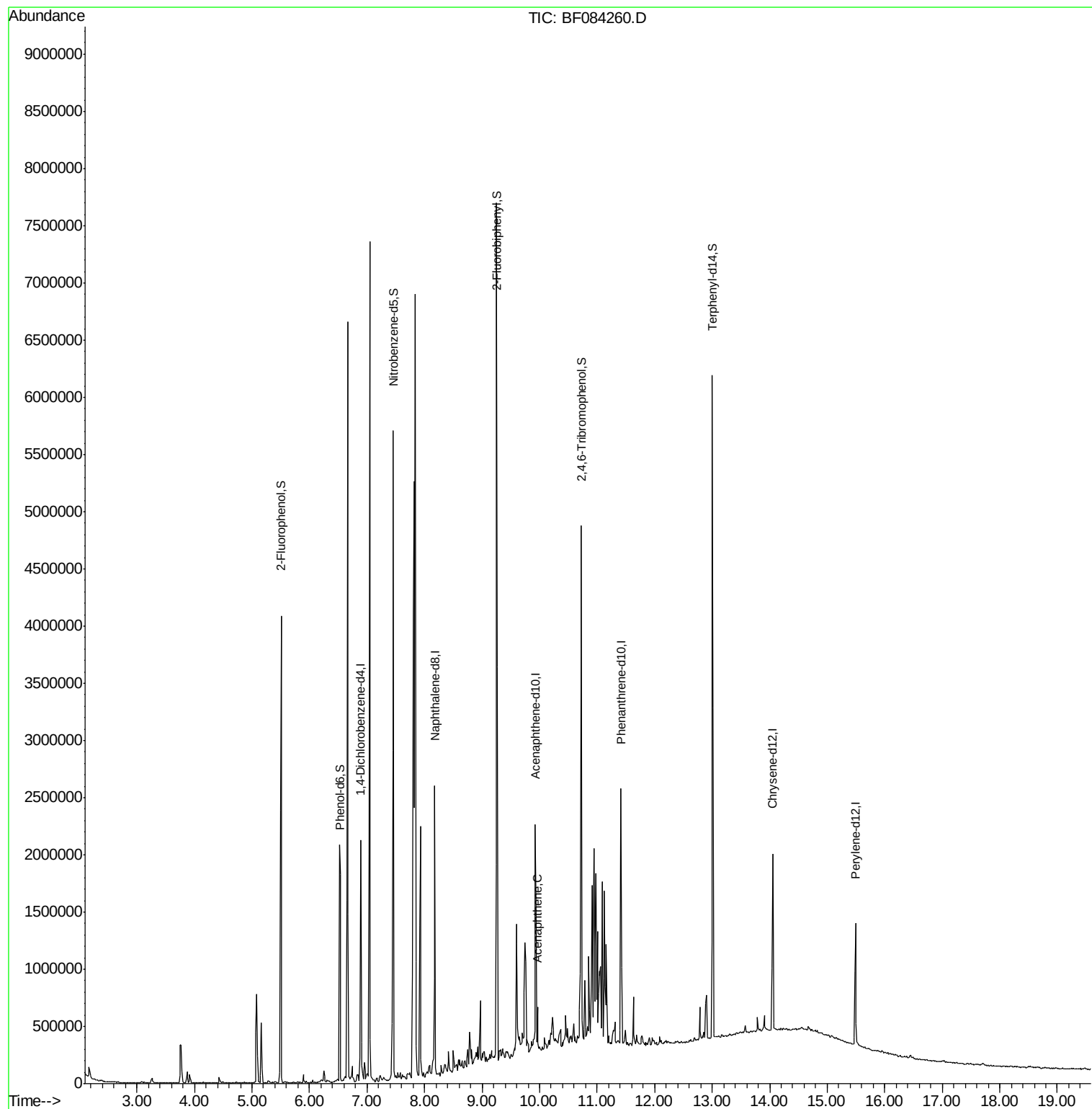
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	273674	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1134413	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	488975	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	818641	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	568111	20.00	ng	-0.01
86) Perylene-d12	15.49	264	529945	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1248520	73.79	ng	0.01
7) Phenol-d6	6.53	99	973387	45.81	ng	0.00
23) Nitrobenzene-d5	7.46	82	2018003	99.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	716940	145.23	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2863219	104.46	ng	-0.01
78) Terphenyl-d14	13.00	244	2151256	84.53	ng	-0.01
Target Compounds						
51) Acenaphthene	9.96	154	82934	2.74	ng	Qvalue 96

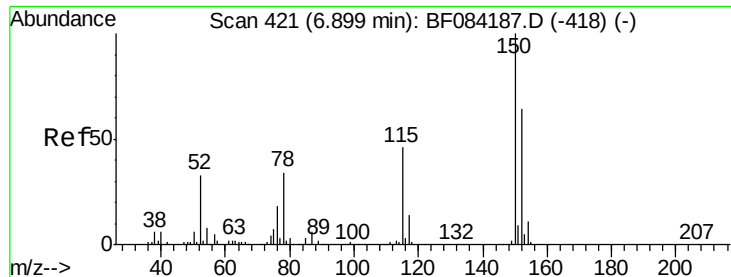
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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W-29

Quant Time: Jan 05 07:21:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

W-29

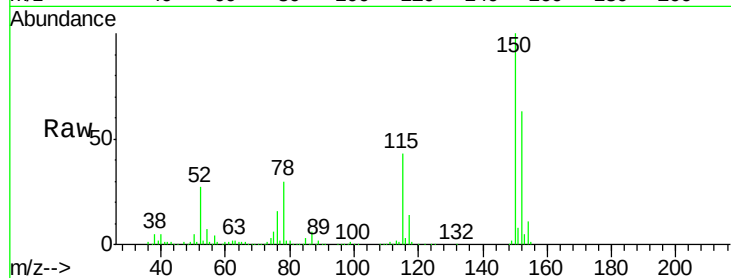
Tot Ion:152 Resp: 273674

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

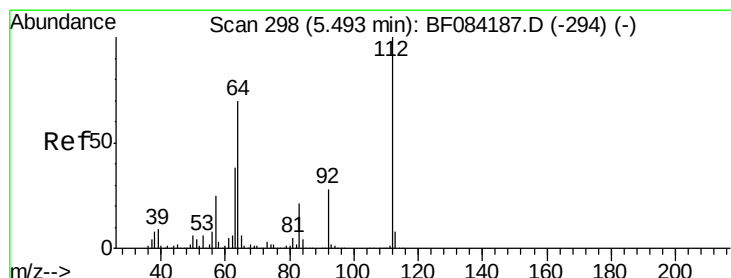
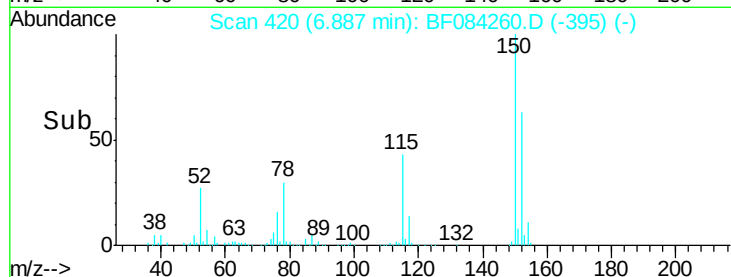
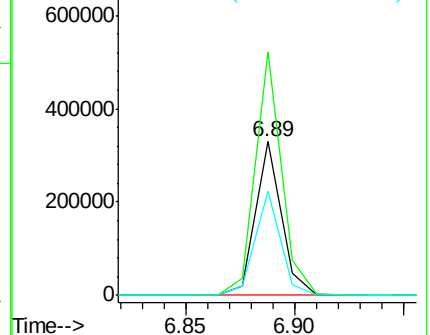
115 67.8 51.4 77.2



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: 73.79 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

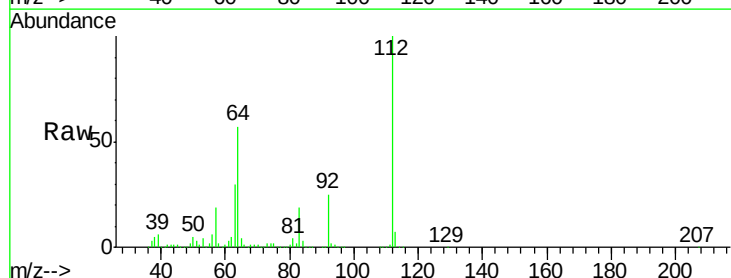
Tgt Ion:112 Resp: 1248520

Ion Ratio Lower Upper

112 100

64 57.1 36.6 55.0#

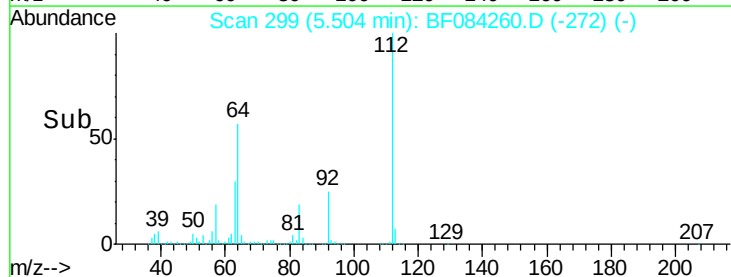
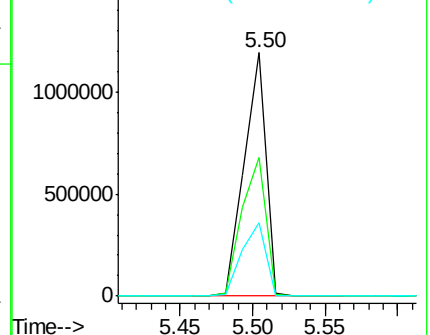
63 30.1 19.4 29.0#

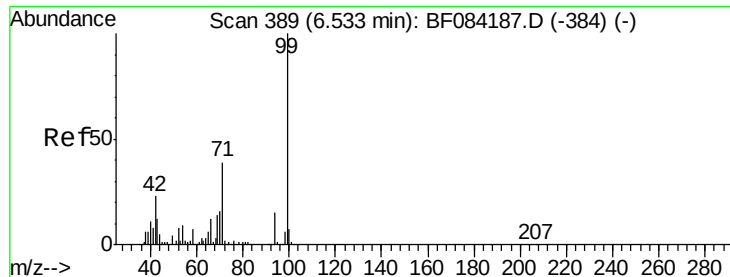


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.81 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

W-29

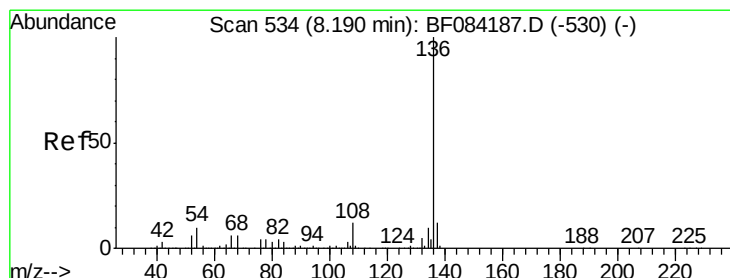
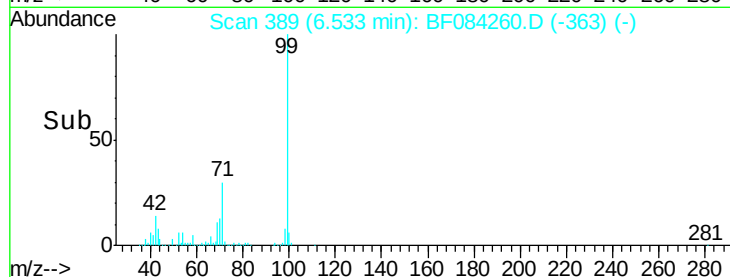
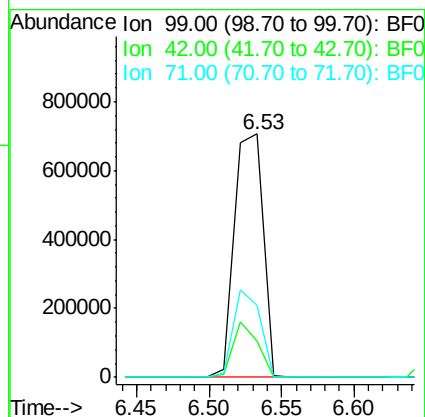
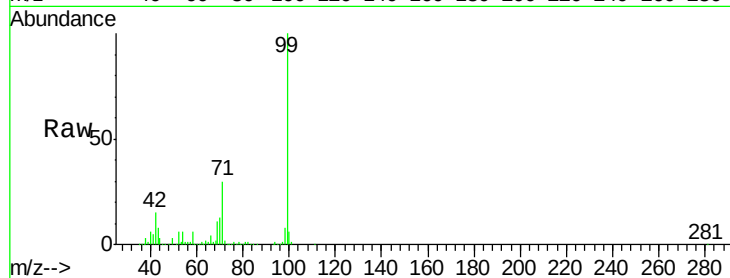
Tot Ion: 99 Resp: 973387

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

71 29.8 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

Tgt Ion: 136 Resp: 1134413

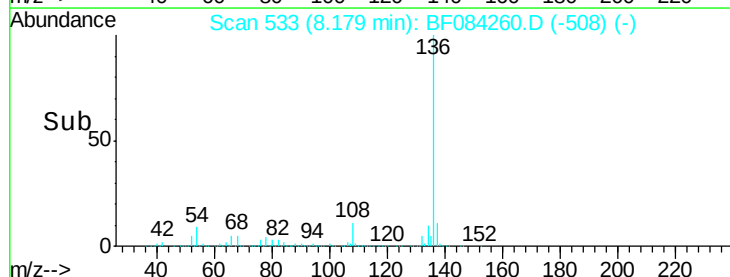
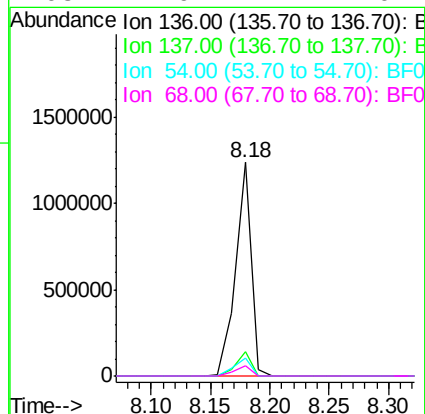
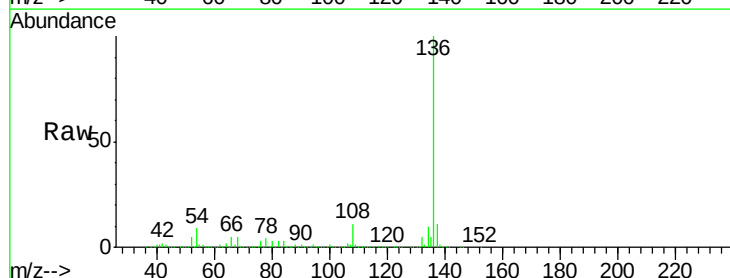
Ion Ratio Lower Upper

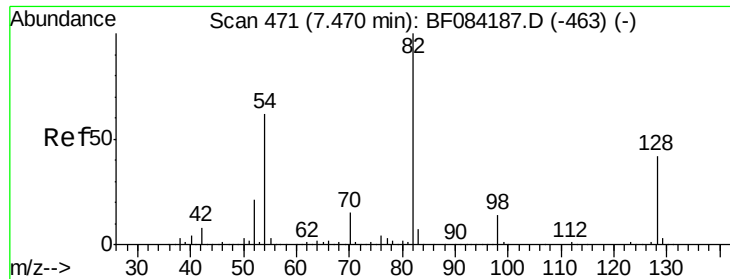
136 100

137 11.2 8.7 13.1

54 8.7 5.8 8.8

68 4.9 4.2 6.2

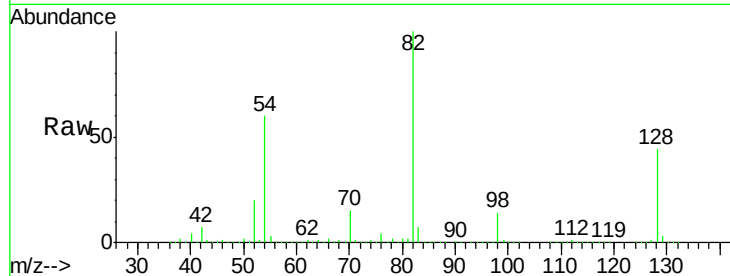




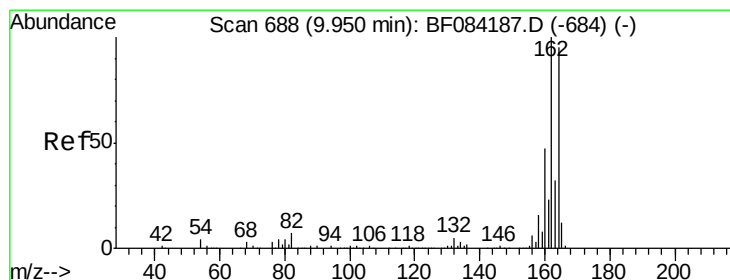
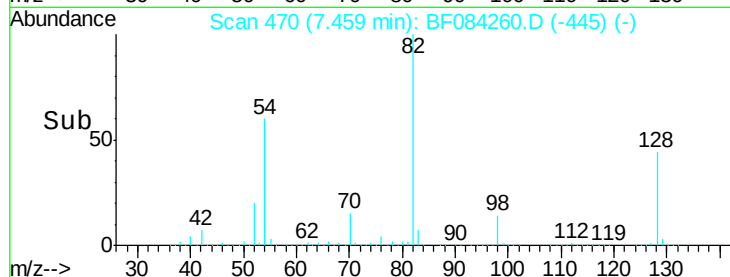
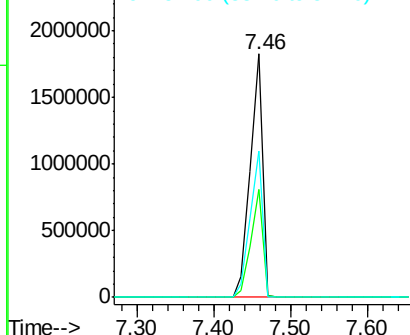
#23
Nitrobenzene-d5
Concen: 99.00 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampled :
W-29

Tot Ion: 82 Resp: 2018003
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 60.1 38.4 57.6#

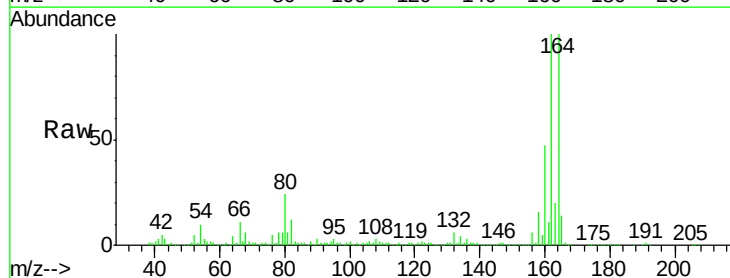


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

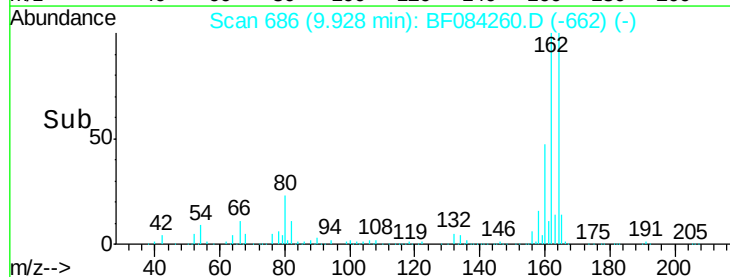
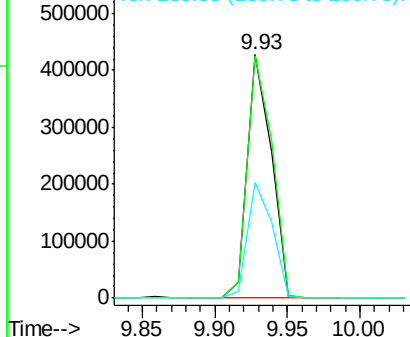


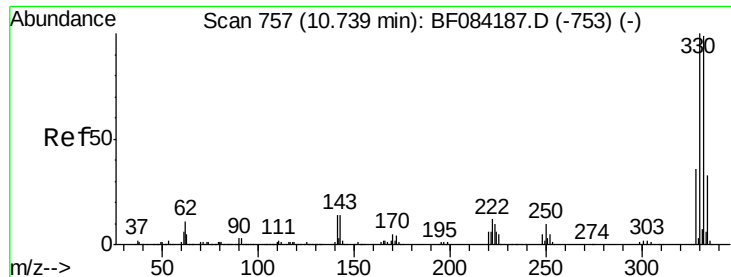
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Tgt Ion:164 Resp: 488975
Ion Ratio Lower Upper
164 100
162 99.6 85.1 127.7
160 47.2 37.5 56.3



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

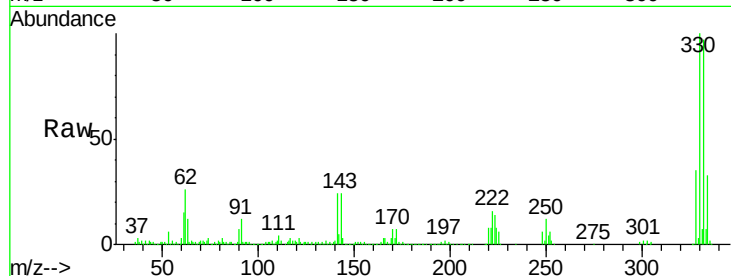




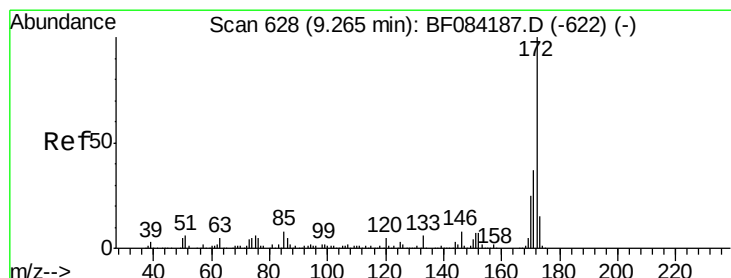
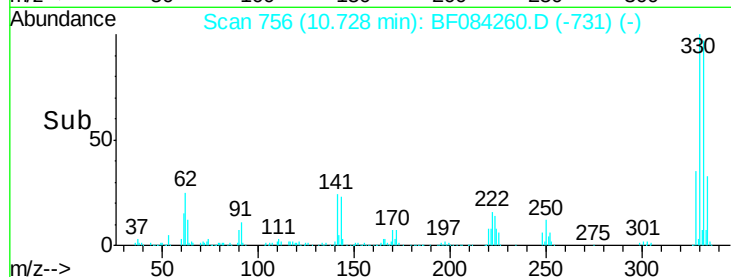
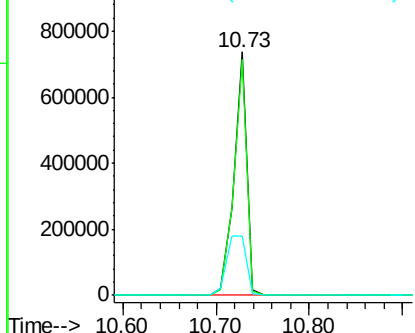
#41
 2,4,6-Tribromophenol
 Concen: 145.23 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084260.D
 Acq: 5 Jan 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion:330 Resp: 716940
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 36.7 27.8 41.6

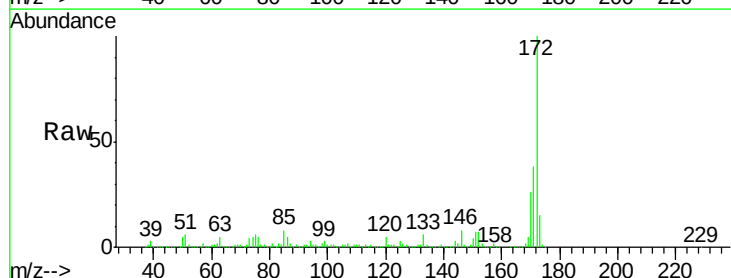


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

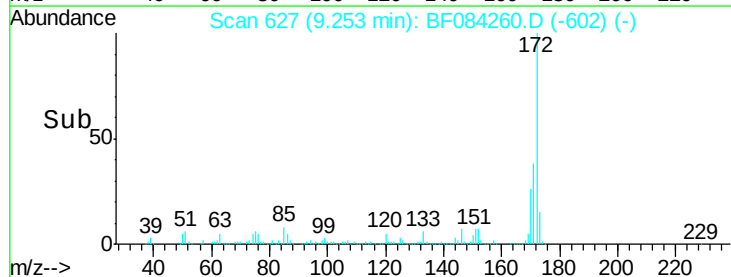
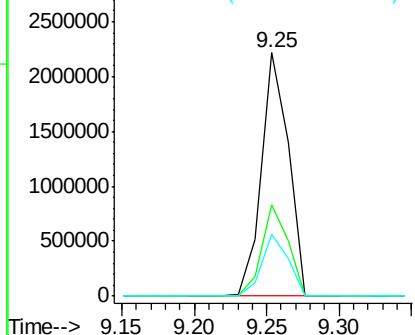


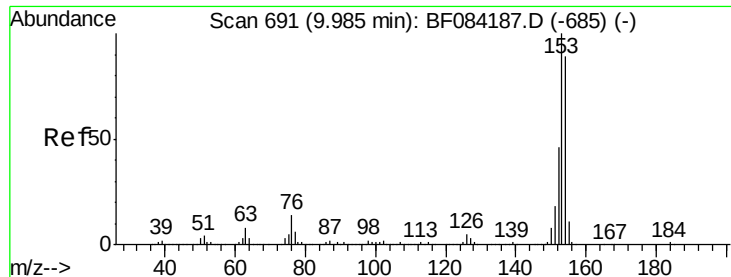
#44
 2-Fluorobiphenyl
 Concen: 104.46 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084260.D
 Acq: 5 Jan 2016 2:45

Tgt Ion:172 Resp: 2863219
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.5 18.6 27.8



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





#51

Acenaphthene

Concen: 2.74 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

W-29

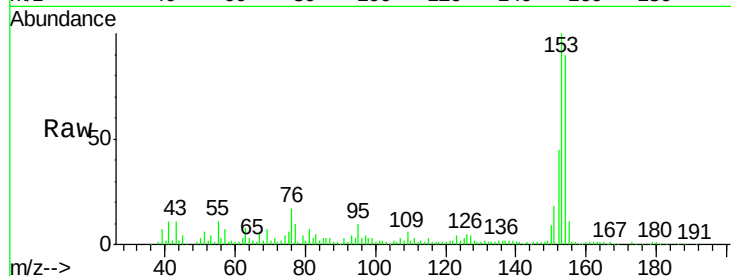
Tot Ion:154 Resp: 82934

Ion Ratio Lower Upper

154 100

153 111.2 91.5 137.3

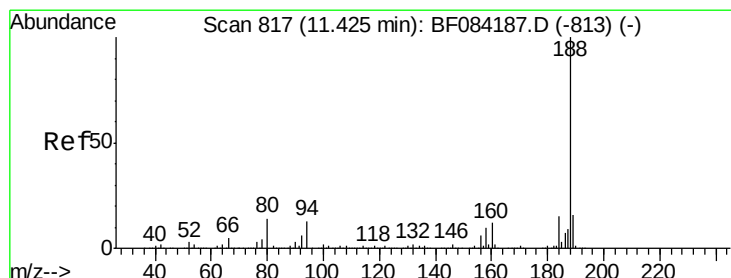
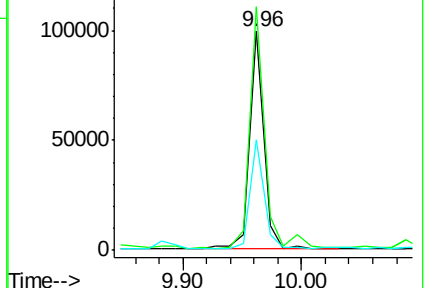
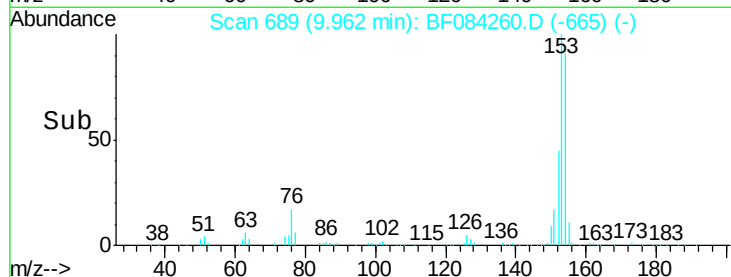
152 50.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

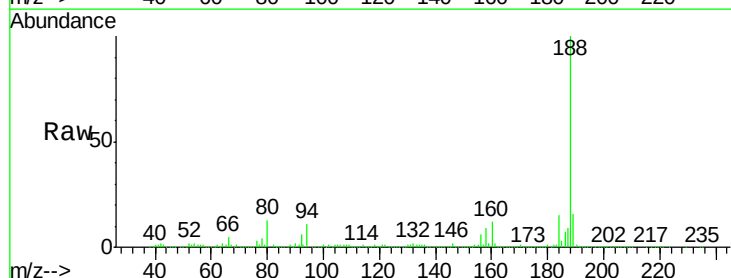
Tgt Ion:188 Resp: 818641

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

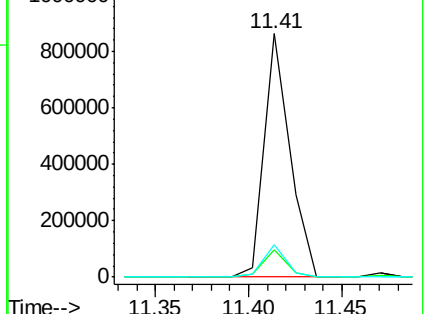
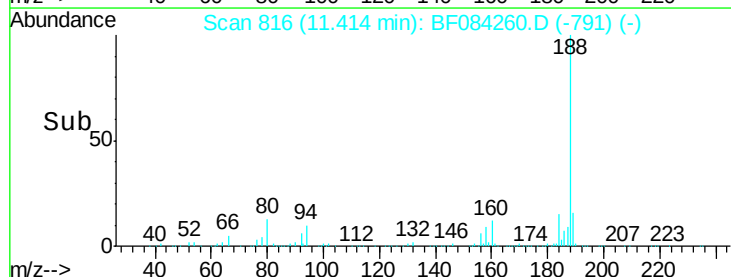
80 13.1 9.6 14.4

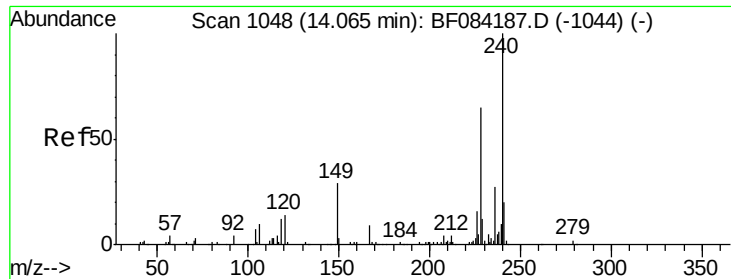


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

W-29

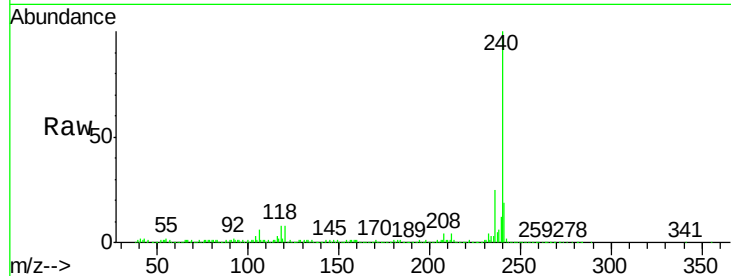
Tot Ion:240 Resp: 568111

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

236 25.4 20.6 31.0

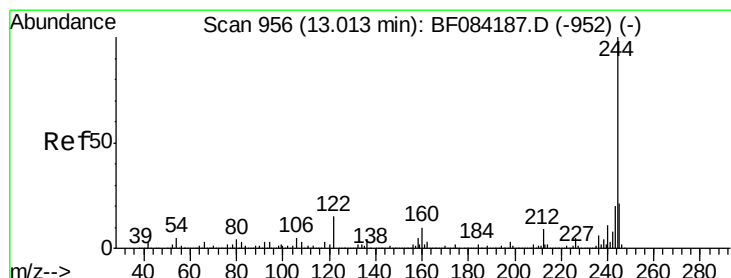
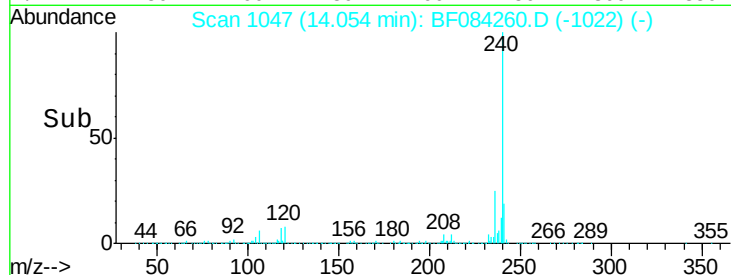
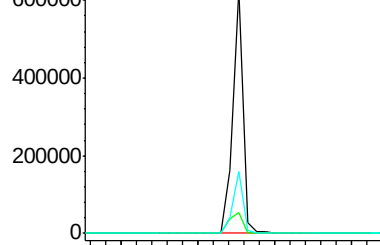


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05



#78

Terphenyl-d14

Concen: 84.53 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084260.D

Acq: 5 Jan 2016 2:45

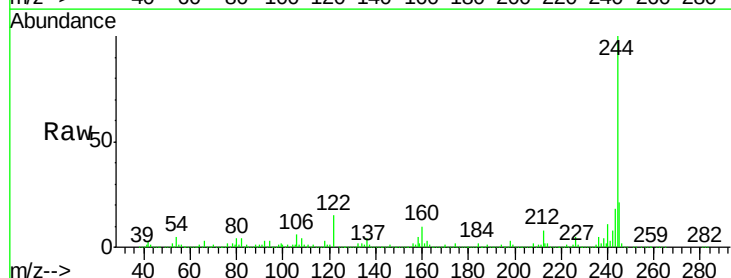
Tgt Ion:244 Resp: 2151256

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

122 15.2 7.4 11.0#

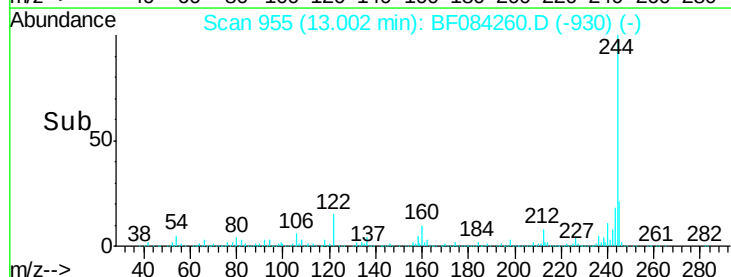
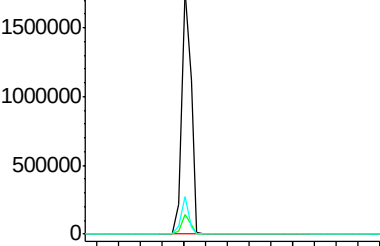


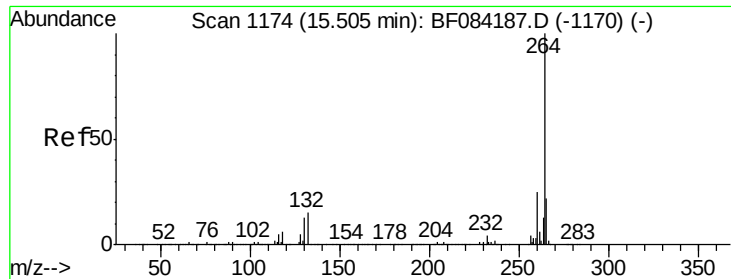
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.00





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084260.D
Acq: 5 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6

