

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079148.D
 Acq On : 12 May 2015 8:33
 Operator : TP/IZ
 Sample : G2176-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(10-15)

Quant Time: May 12 15:35:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:22:07 2015
 Response via : Initial Calibration

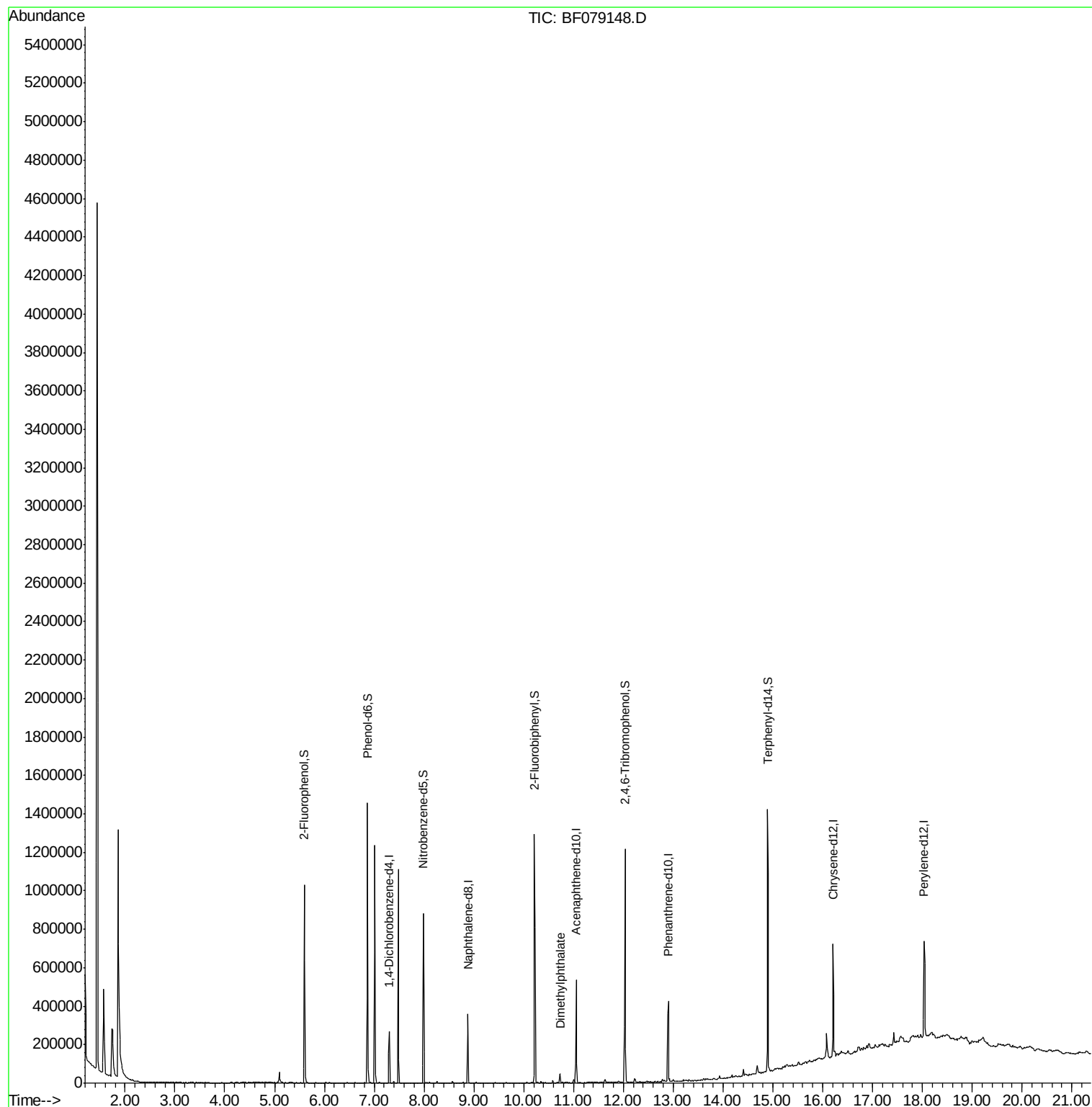
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	50194	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	216789	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	110566	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	218647	20.00	ng	0.01
75) Chrysene-d12	16.21	240	248368	20.00	ng	0.01
86) Perylene-d12	18.03	264	258855	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	367596	126.06	ng	0.00
7) Phenol-d6	6.87	99	516541	134.01	ng	0.01
23) Nitrobenzene-d5	7.99	82	271246	71.91	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	154578	129.23	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	518334	65.31	ng	0.00
78) Terphenyl-d14	14.89	244	622358	59.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	30322	3.74	ng	Qvalue # 98

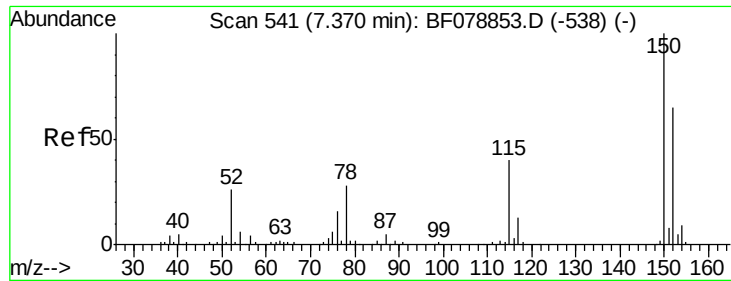
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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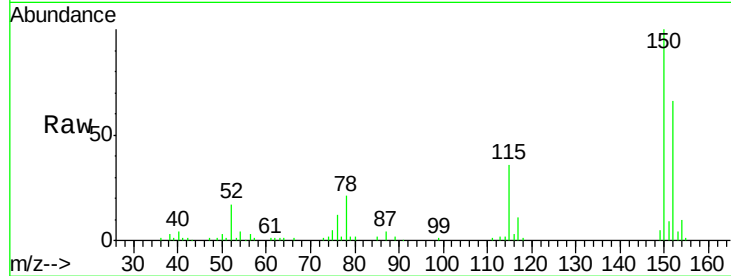


#1

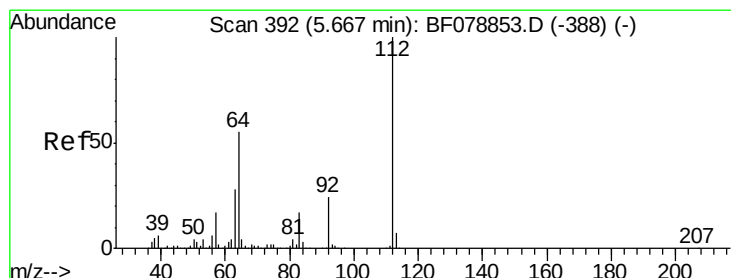
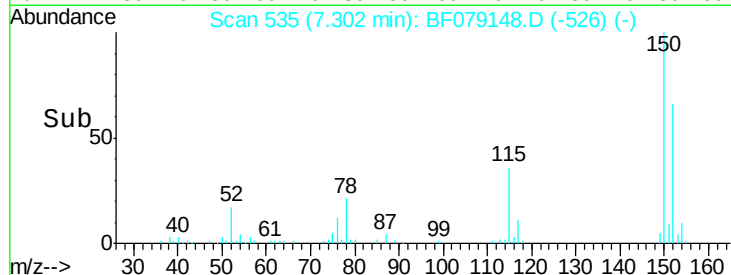
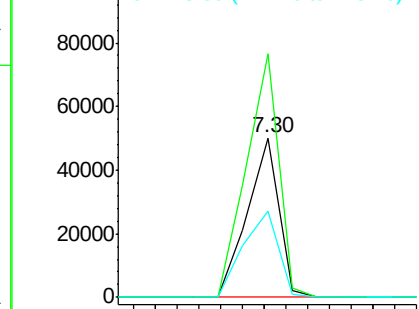
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079148.D
Acq: 12 May 2015 8:33

Instrument :
BNA_F
ClientSampleId :
PS-29(10-15)

Tot Ion:152 Resp: 50194
Ion Ratio Lower Upper
152 100
150 152.4 122.0 183.0
115 54.3 46.3 69.5



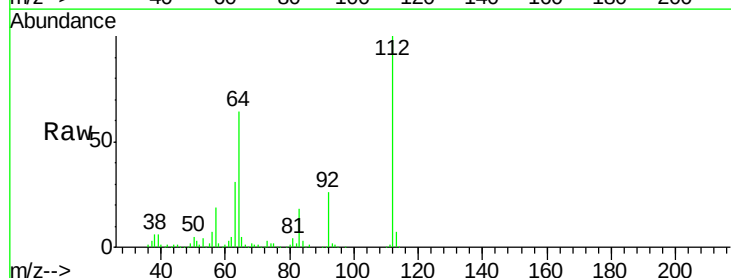
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



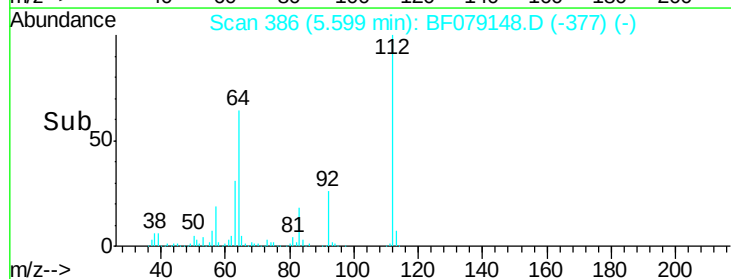
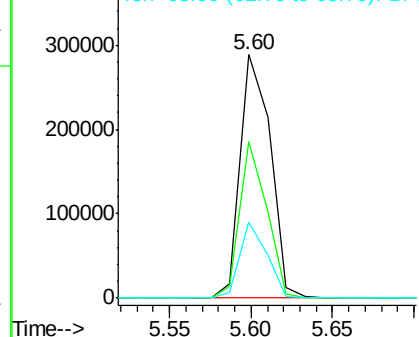
#5

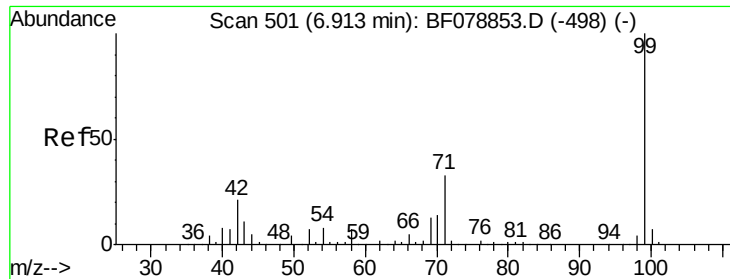
2-Fluorophenol
Concen: 126.06 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079148.D
Acq: 12 May 2015 8:33

Tgt Ion:112 Resp: 367596
Ion Ratio Lower Upper
112 100
64 64.5 53.5 80.3
63 31.2 27.5 41.3



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: 134.01 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PS-29(10-15)

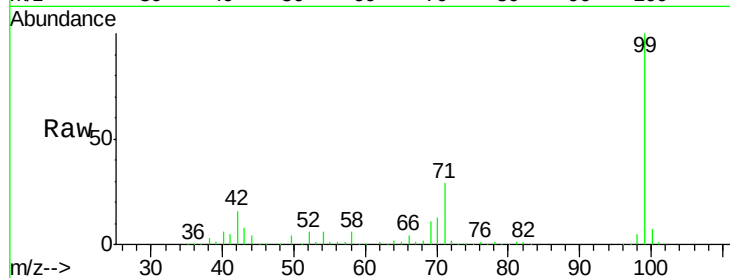
Tot Ion: 99 Resp: 516541

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

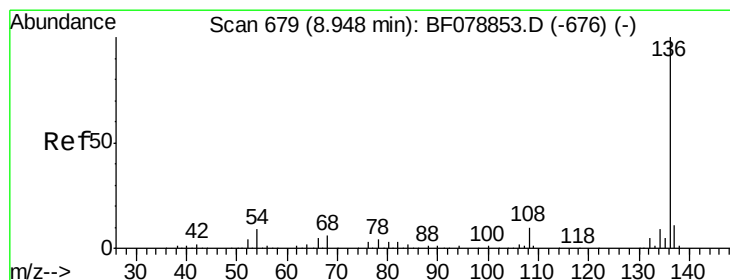
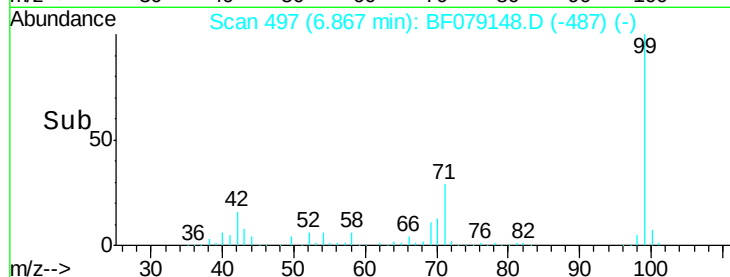
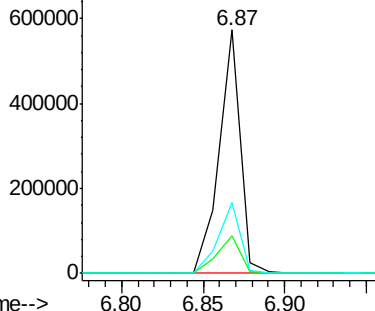
71 29.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

Tgt Ion: 136 Resp: 216789

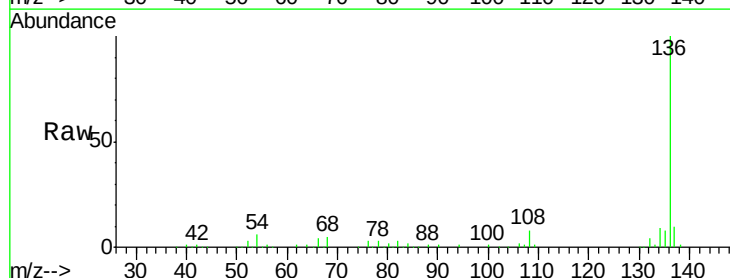
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.7 5.8 8.8#

68 5.0 4.2 6.4

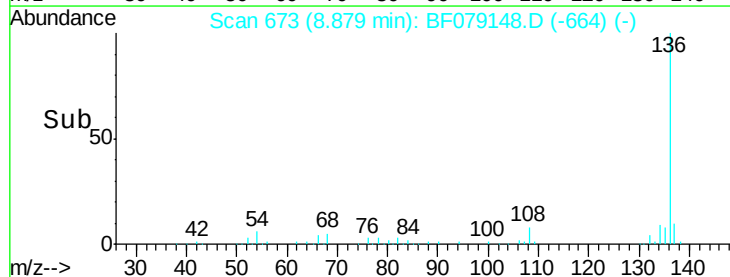
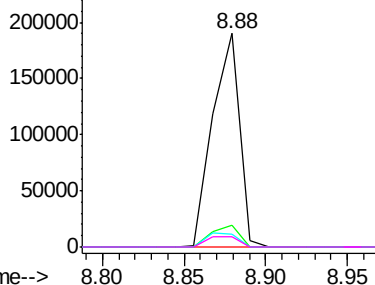


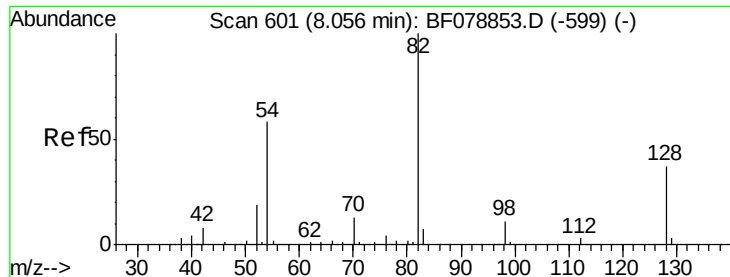
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

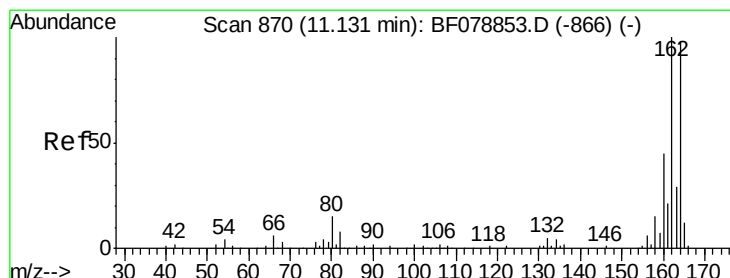
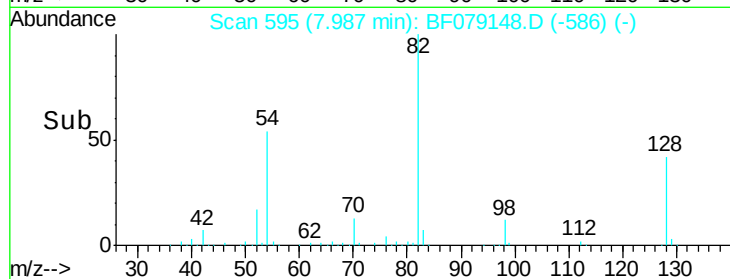
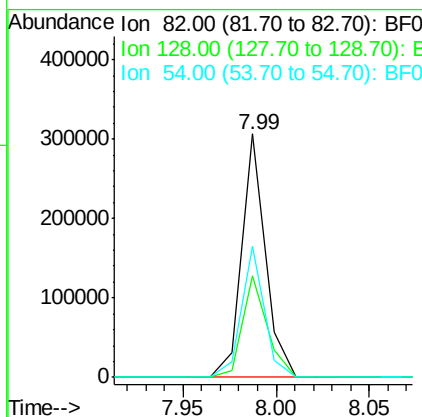
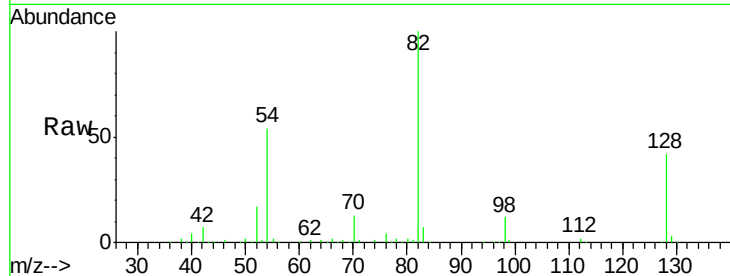




#23
 Nitrobenzene-d5
 Concen: 71.91 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079148.D
 Acq: 12 May 2015 8:33

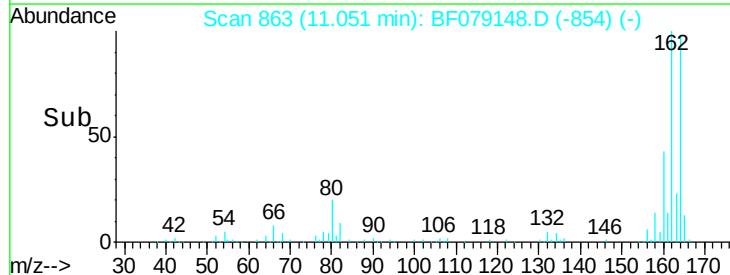
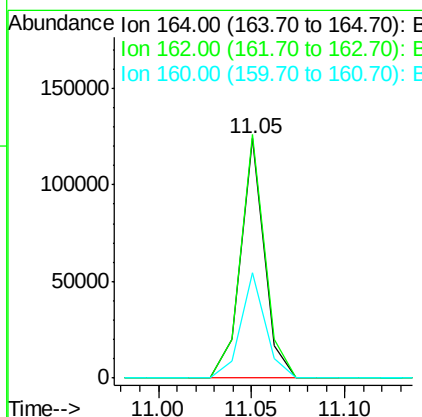
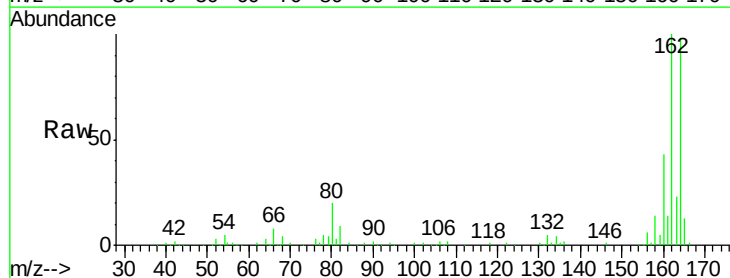
Instrument :
 BNA_F
 ClientSampleId :
 PS-29(10-15)

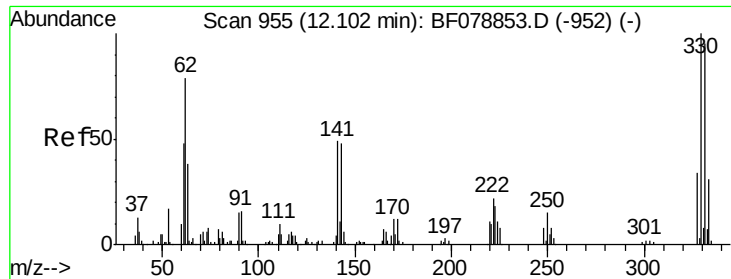
Tot Ion	82	Resp	271246
Ion Ratio	100	Lower	Upper
128	41.9	30.0	45.0
54	53.6	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079148.D
 Acq: 12 May 2015 8:33

Tgt Ion	164	Resp	110566
Ion Ratio	100	Lower	Upper
162	101.7	82.7	124.1
160	44.2	35.8	53.8

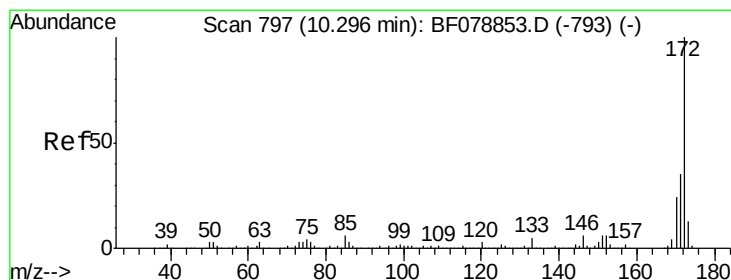
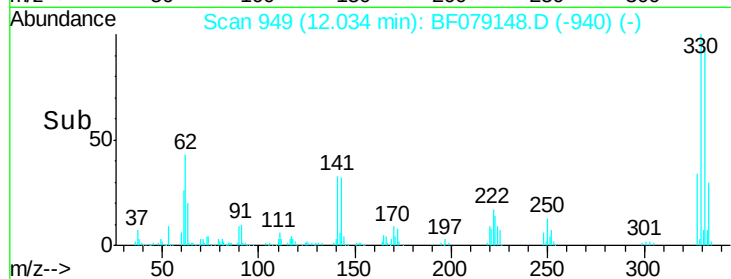
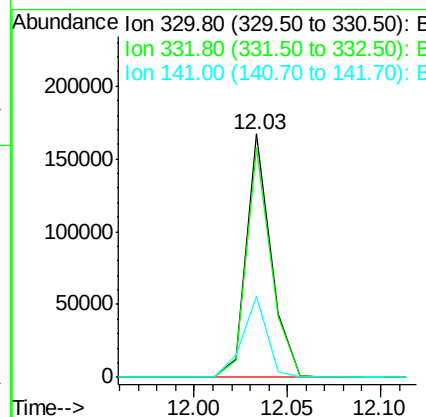
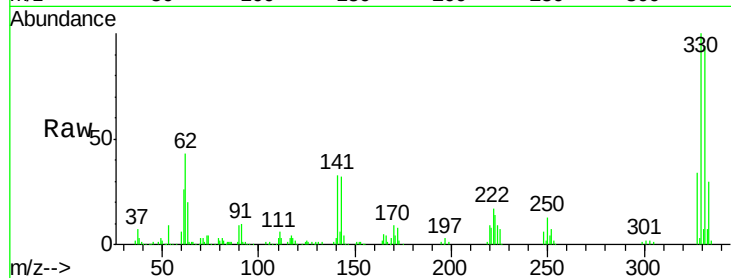




#41
 2,4,6-Tribromophenol
 Concen: 129.23 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079148.D
 Acq: 12 May 2015 8:33

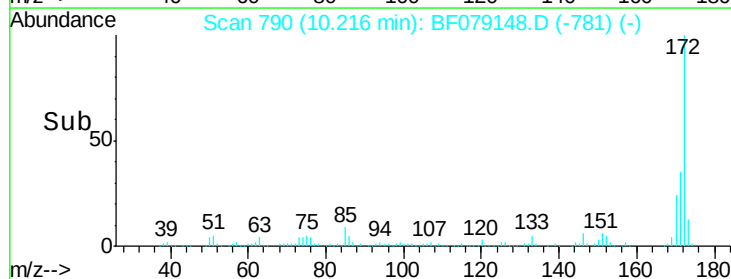
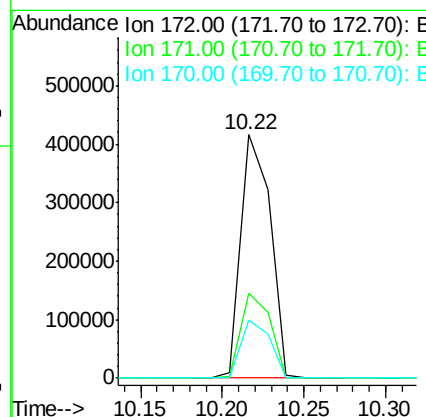
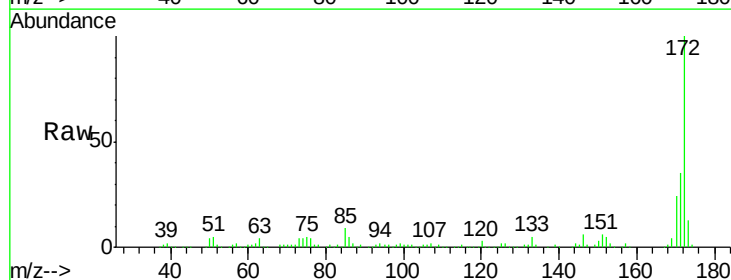
Instrument :
 BNA_F
 ClientSampleId :
 PS-29(10-15)

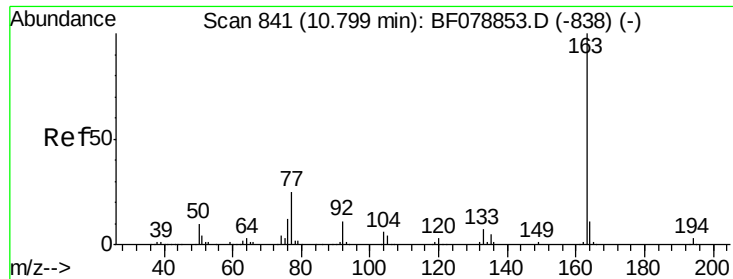
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	33.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.31 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079148.D
 Acq: 12 May 2015 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.8	19.4	29.0





#49

Dimethylphthalate

Concen: 3.74 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PS-29(10-15)

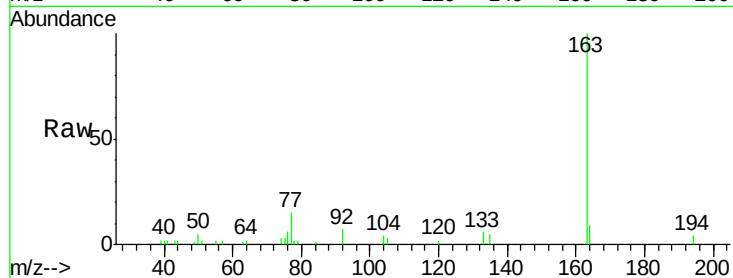
Tot Ion:163 Resp: 30322

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

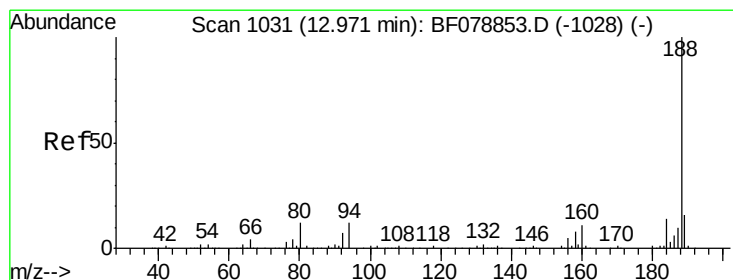
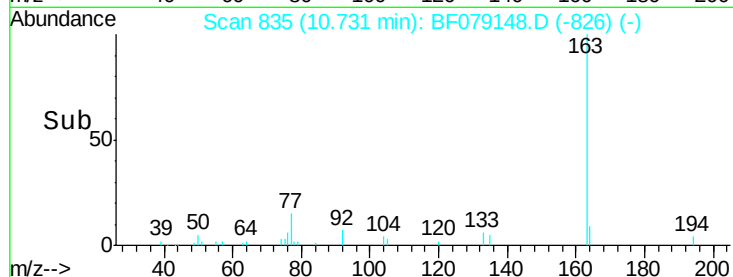
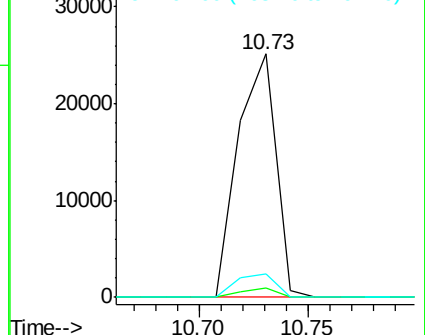
164 9.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.90 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

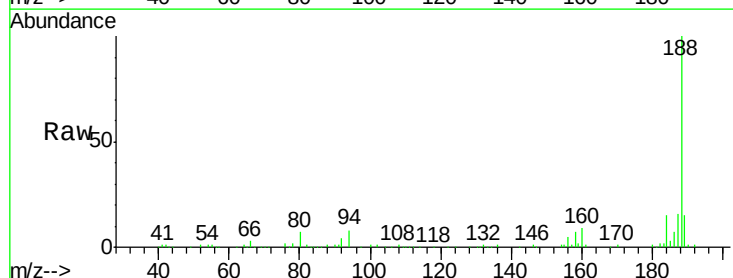
Tgt Ion:188 Resp: 218647

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

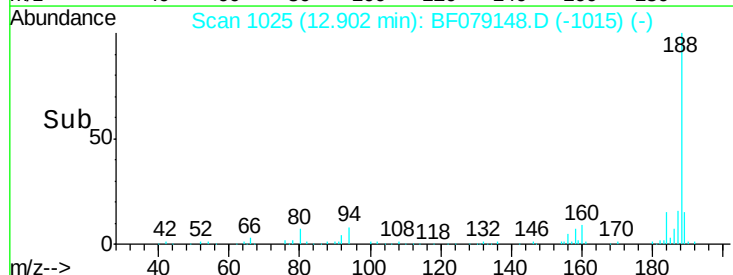
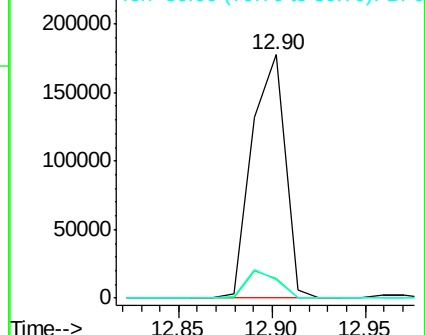
80 7.4 8.9 13.3#

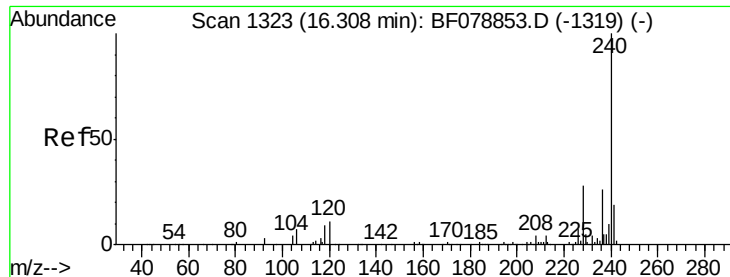


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.21 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PS-29(10-15)

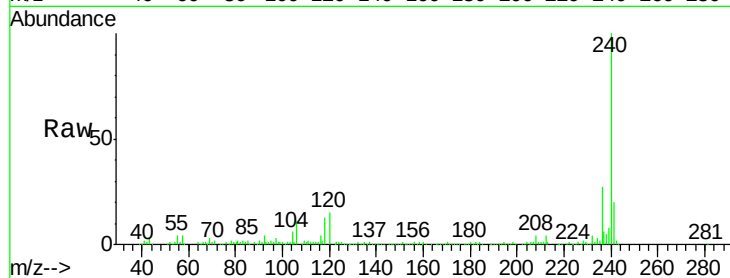
Tot Ion:240 Resp: 248368

Ion Ratio Lower Upper

240 100

120 15.4 9.7 14.5#

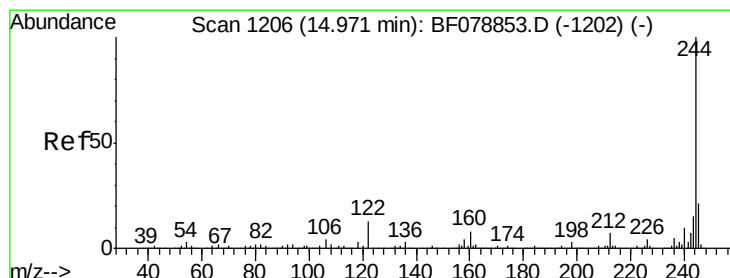
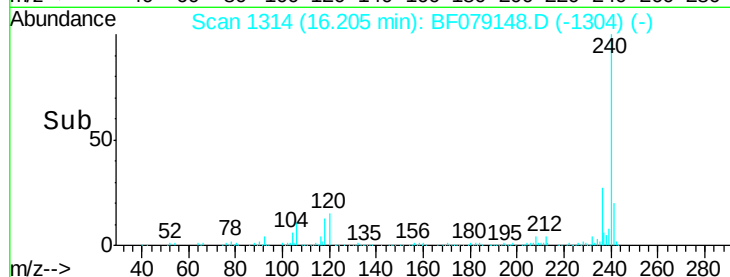
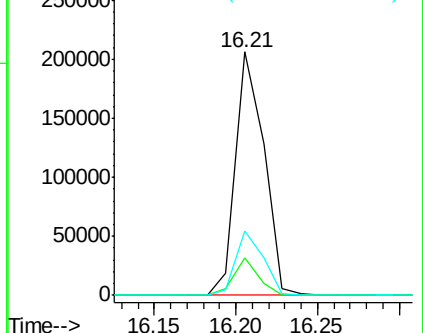
236 26.7 20.2 30.4



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: 59.99 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079148.D

Acq: 12 May 2015 8:33

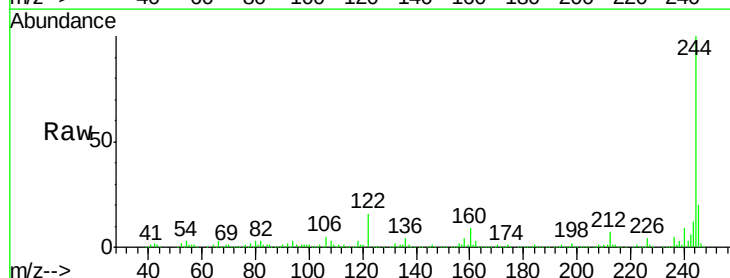
Tgt Ion:244 Resp: 622358

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

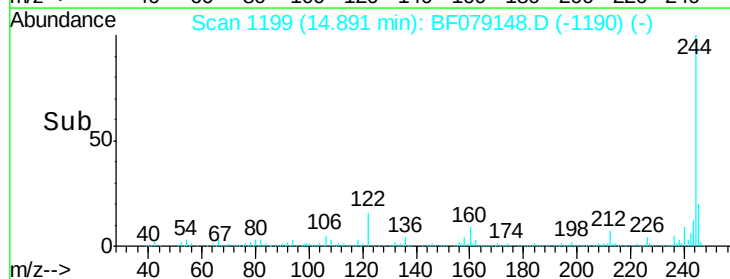
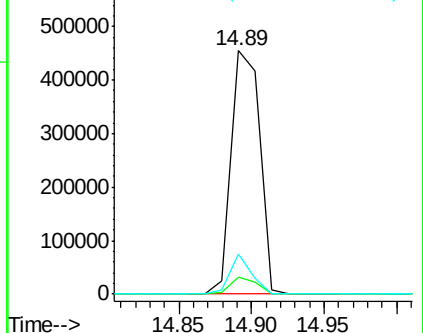
122 16.3 10.3 15.5#

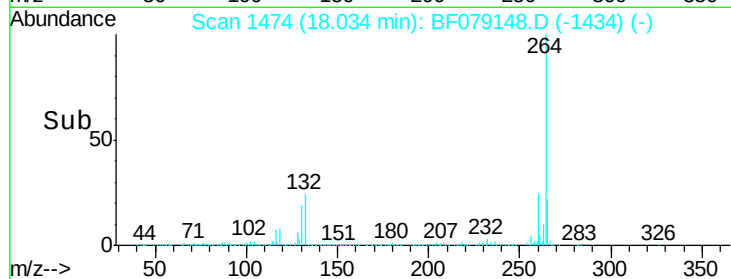
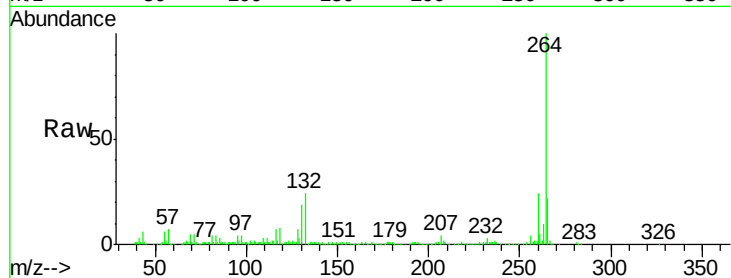
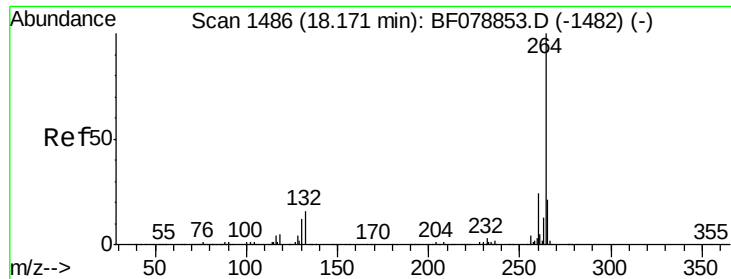


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. 0.16 min
 Lab File: BF079148.D
 Acq: 12 May 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	18.3	27.5

