

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082877.D
 Acq On : 10 Nov 2015 18:49
 Operator : UM/IZ
 Sample : G4326-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151106MGP221BRV95.5

Quant Time: Nov 13 17:52:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258400	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	935673	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	559290	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	1027600	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	867988	20.00	ng	-0.05
86) Perylene-d12	15.41	264	727186	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1064735	64.11	ng	-0.02
7) Phenol-d6	6.45	99	1034477	46.85	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1486948	69.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	585246	91.26	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2415129	61.89	ng	-0.03
78) Terphenyl-d14	12.93	244	2438759	66.64	ng	-0.03

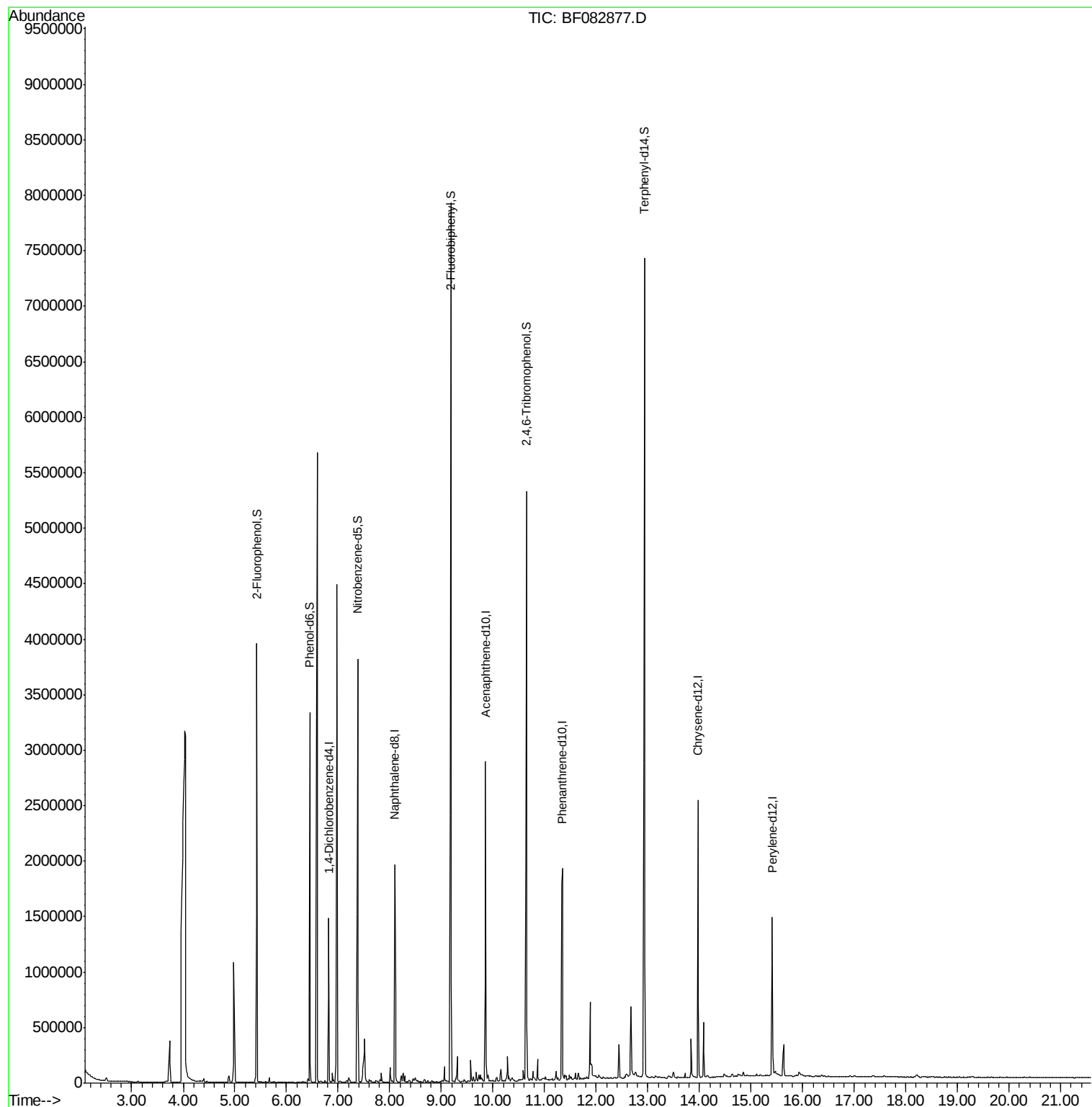
Target Compounds Qvalue

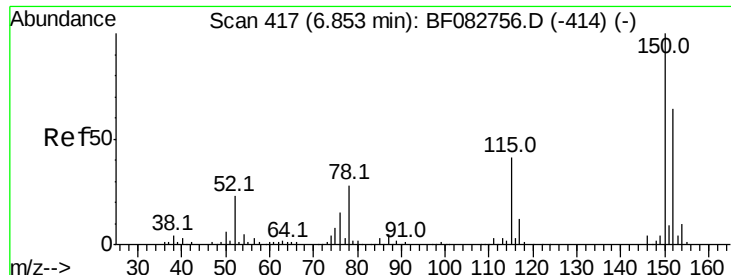
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

Instrument :

BNA_F

ClientSampleId :

20151106MGP221BRV95.5

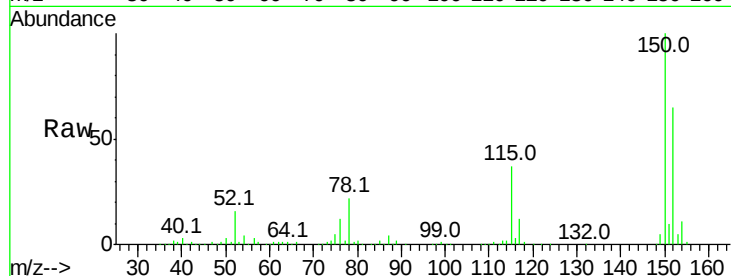
Tot Ion:152 Resp: 258400

Ion Ratio Lower Upper

152 100

150 153.4 127.0 190.4

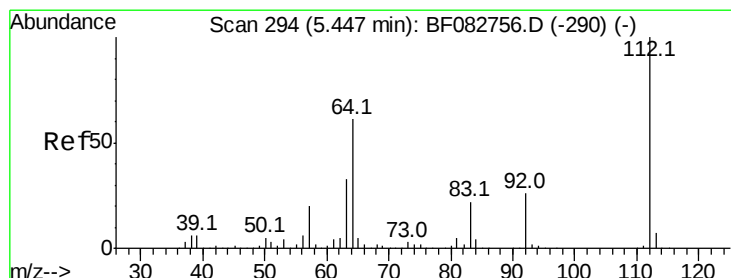
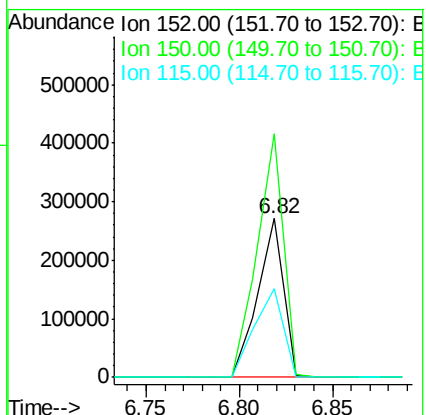
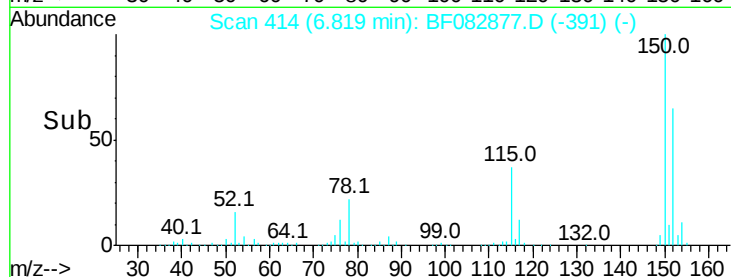
115 56.3 47.0 70.6



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: 64.11 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

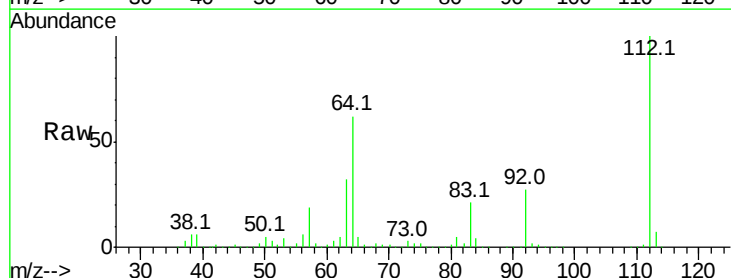
Tgt Ion:112 Resp: 1064735

Ion Ratio Lower Upper

112 100

64 62.2 48.9 73.3

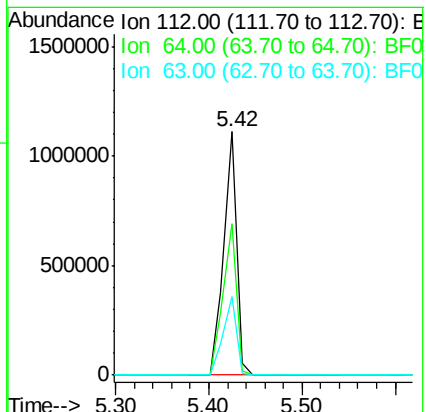
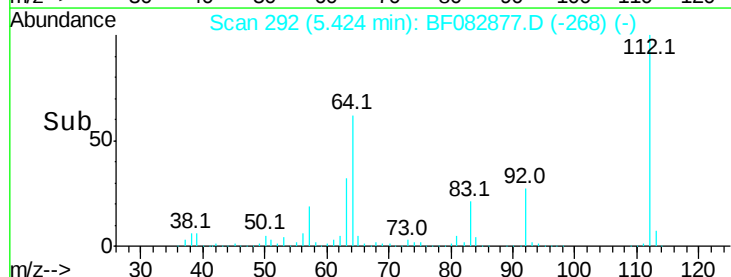
63 32.0 28.1 42.1

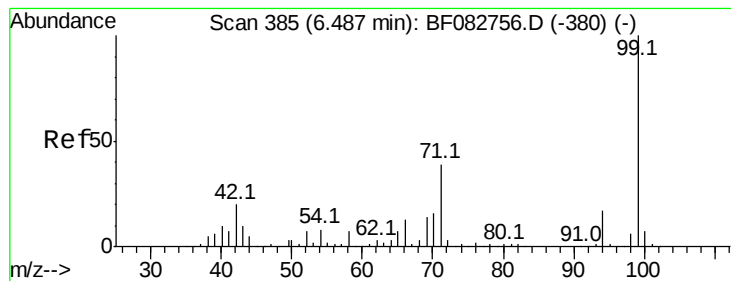


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.85 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

Instrument :

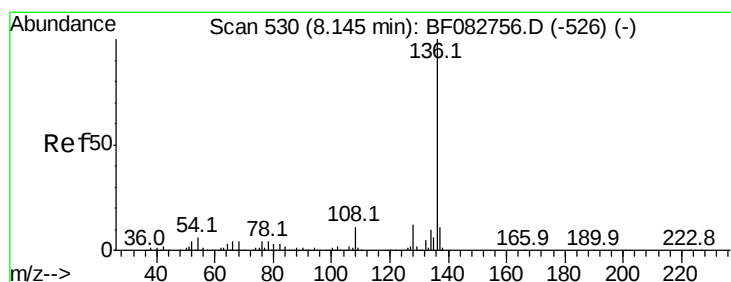
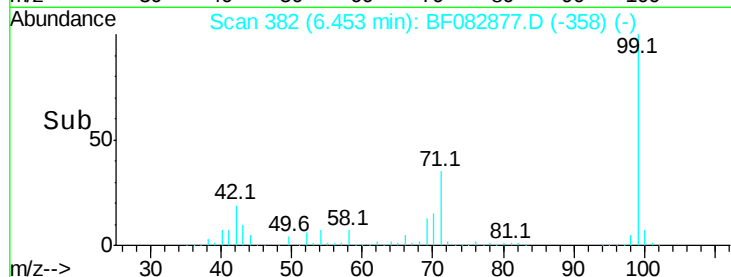
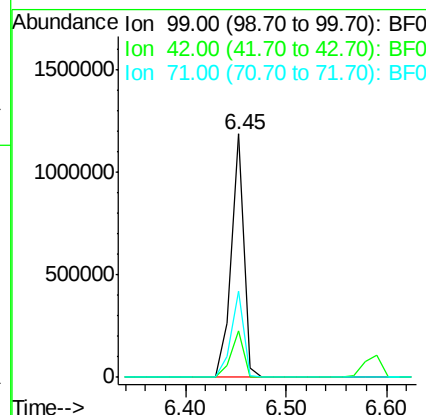
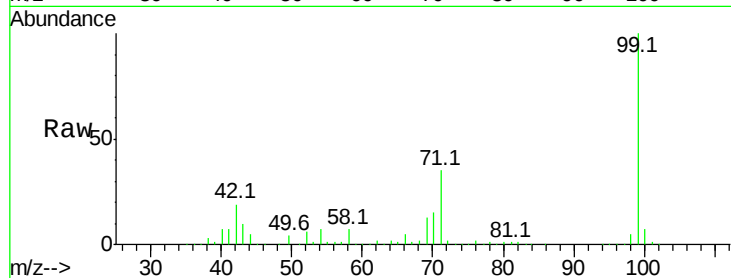
BNA_F

ClientSampleId :

20151106MGP221BRV95.5

Tot Ion: 99 Resp: 1034477

Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.2	28.8#
71	35.5	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

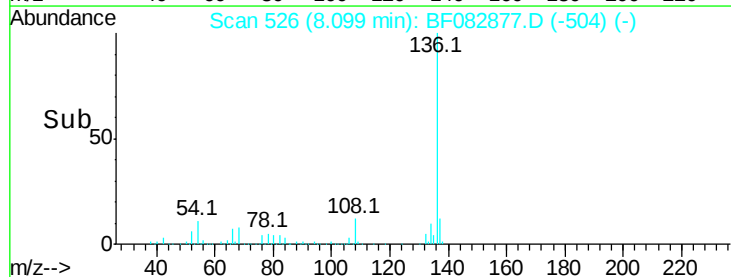
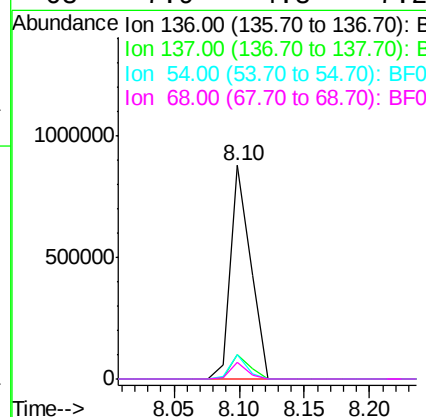
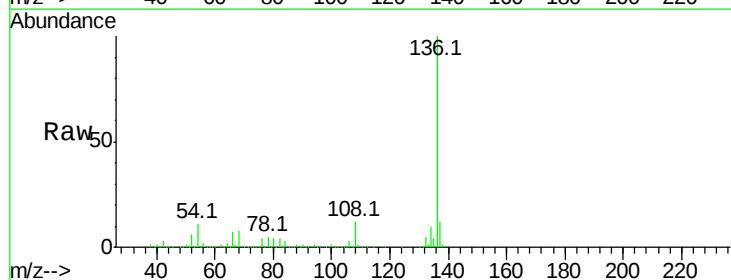
Delta R.T. -0.05 min

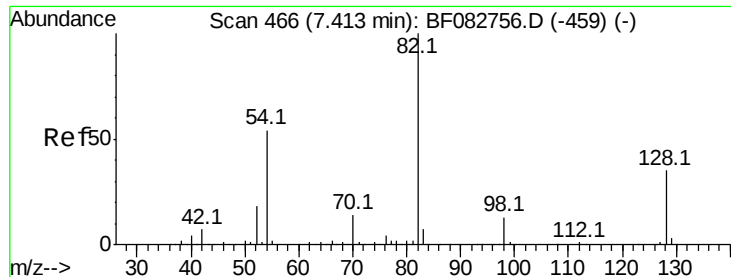
Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

Tgt Ion: 136 Resp: 935673

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.3	9.1	13.7
68	7.9	4.8	7.2#

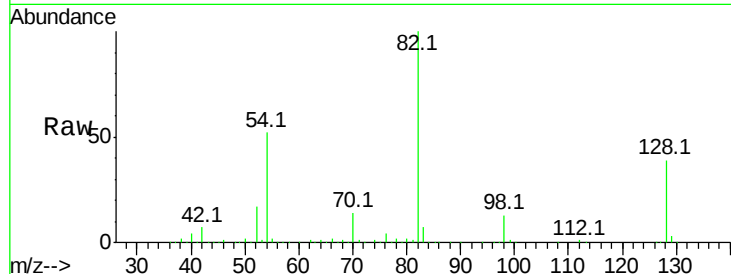




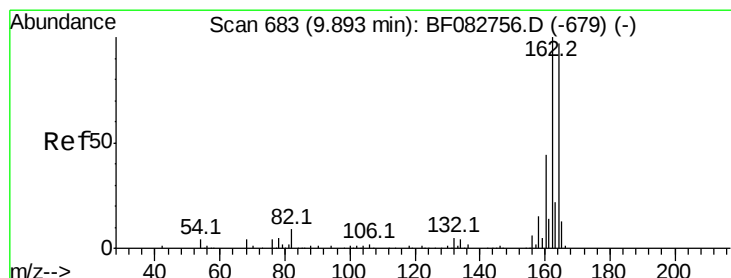
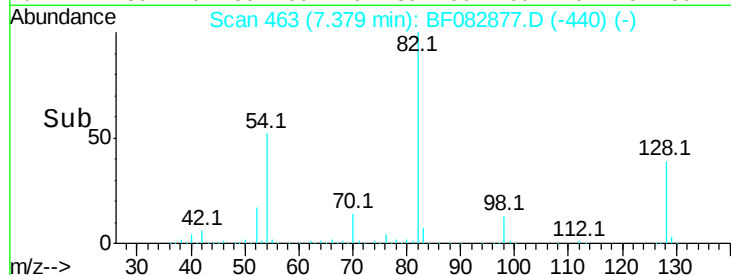
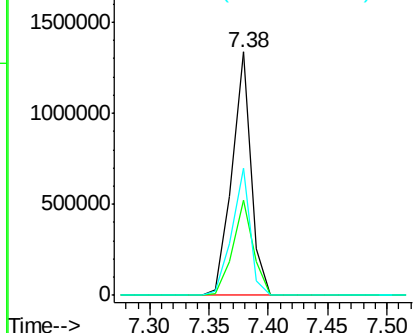
#23
 Nitrobenzene-d5
 Concen: 69.15 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082877.D
 Acq: 10 Nov 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 20151106MGP221BRV95.5

Tot Ion: 82 Resp: 1486948
 Ion Ratio Lower Upper
 82 100
 128 38.8 26.8 40.2
 54 52.4 45.7 68.5

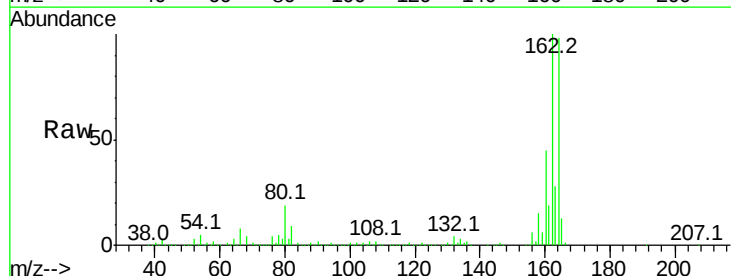


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

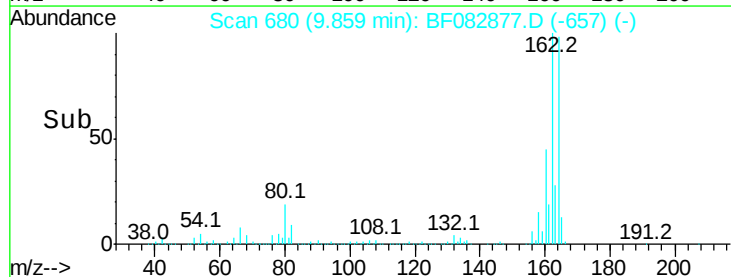
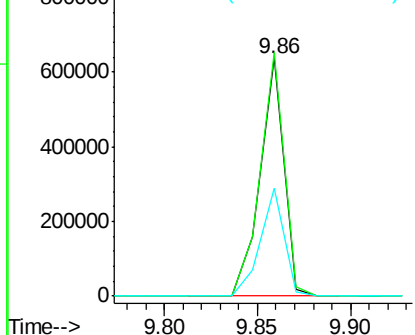


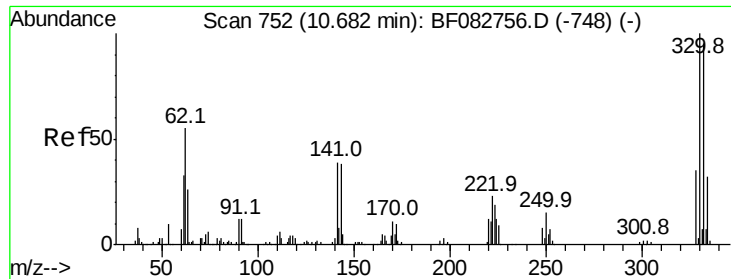
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082877.D
 Acq: 10 Nov 2015 18:49

Tgt Ion:164 Resp: 559290
 Ion Ratio Lower Upper
 164 100
 162 102.2 84.9 127.3
 160 45.5 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

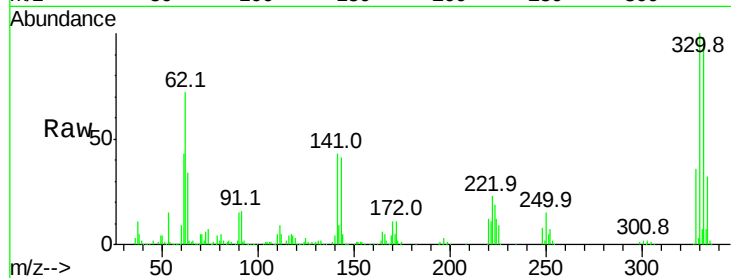




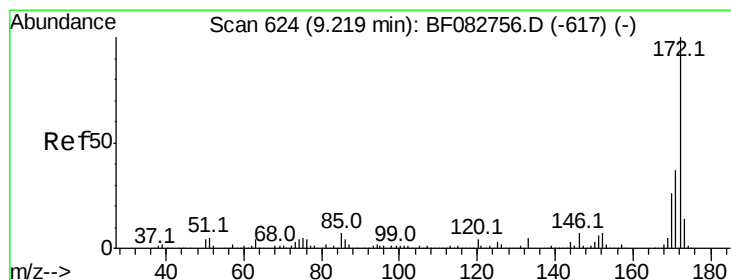
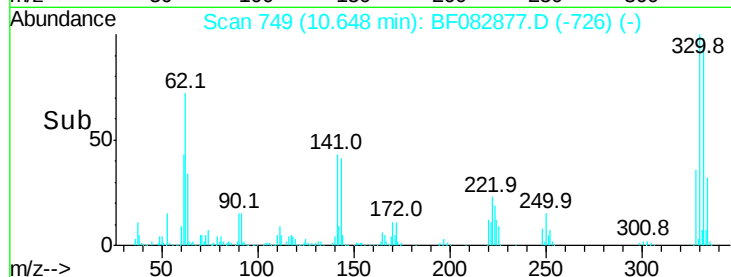
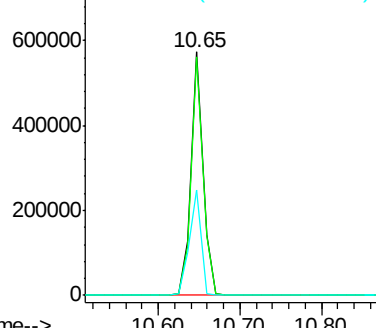
#41
 2,4,6-Tribromophenol
 Concen: 91.26 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082877.D
 Acq: 10 Nov 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 20151106MGP221BRV95.5

Tot Ion	330	Ratio	100	Resp	585246
Ion	330	Ratio	100	Lower	Upper
	332	96.7	76.6	114.8	
	141	42.1	41.2	61.8	

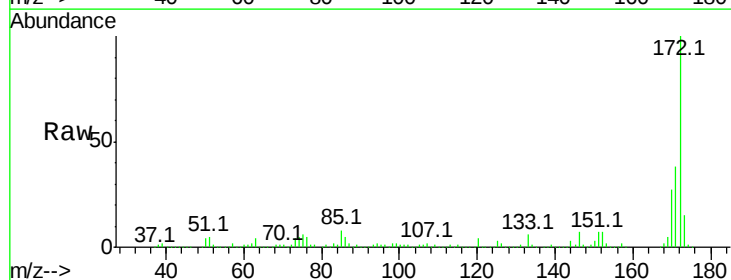


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

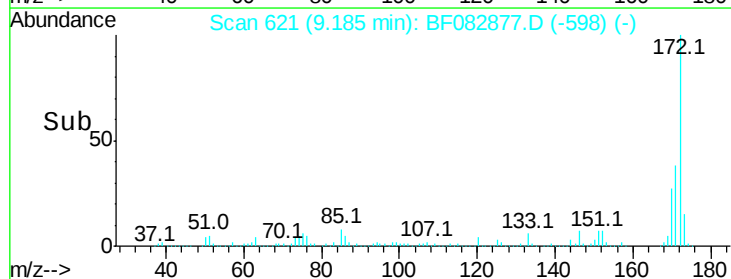
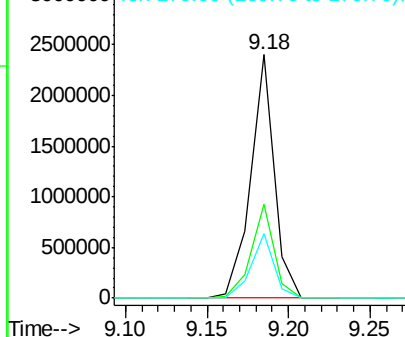


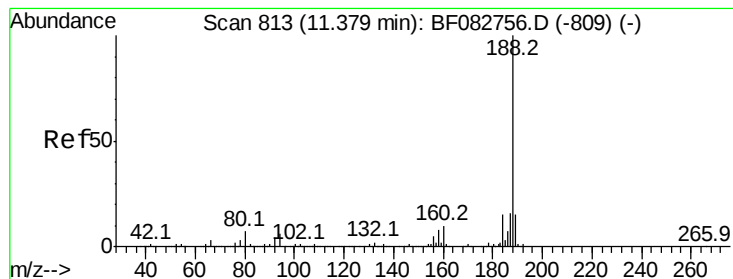
#44
 2-Fluorobiphenyl
 Concen: 61.89 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082877.D
 Acq: 10 Nov 2015 18:49

Tgt Ion	172	Ratio	100	Resp	2415129
Ion	172	Ratio	100	Lower	Upper
	171	38.5	30.8	46.2	
	170	26.5	21.2	31.8	



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

Instrument :

BNA_F

ClientSampleId :

20151106MGP221BRV95.5

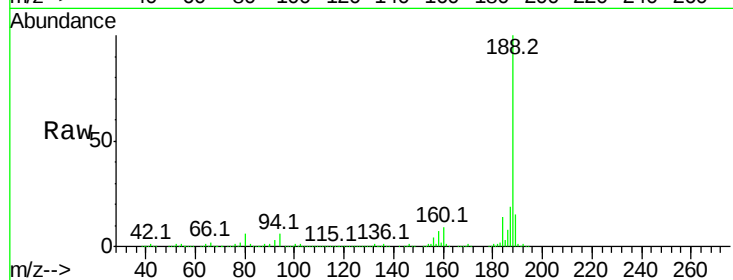
Tot Ion:188 Resp: 1027600

Ion Ratio Lower Upper

188 100

94 6.1 6.1 9.1#

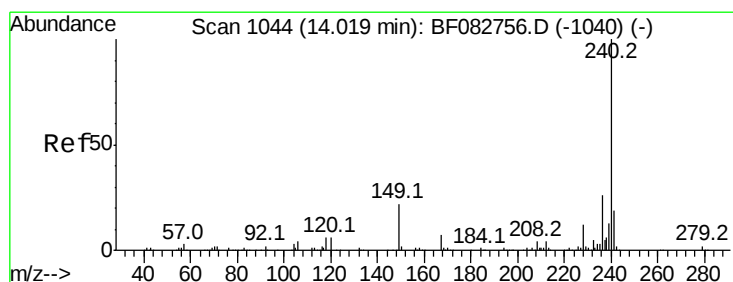
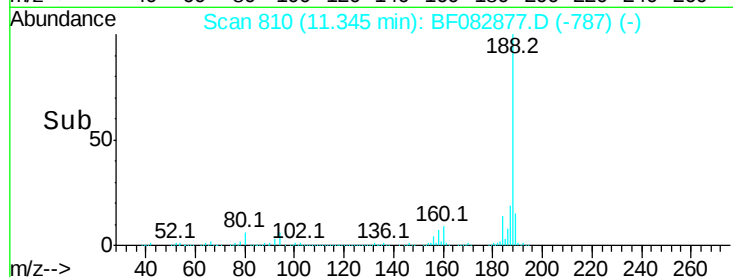
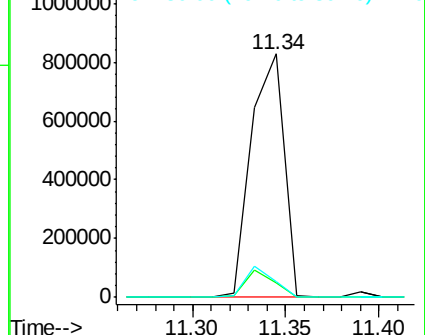
80 6.2 7.0 10.6#



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

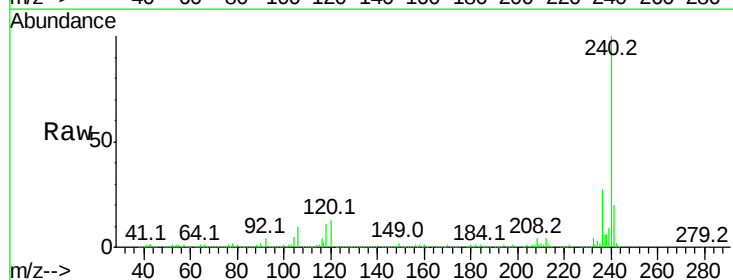
Tgt Ion:240 Resp: 867988

Ion Ratio Lower Upper

240 100

120 12.6 10.9 16.3

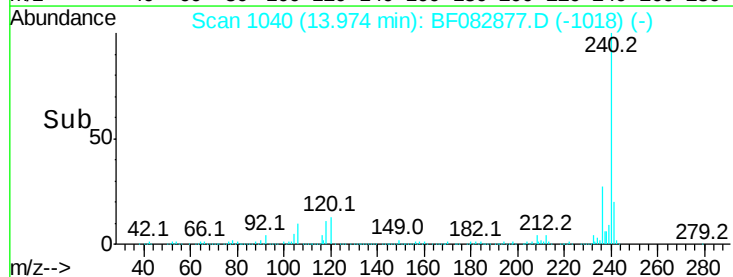
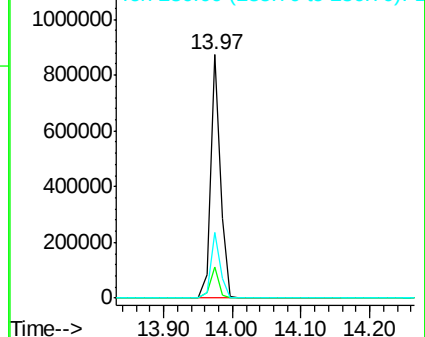
236 26.8 21.6 32.4

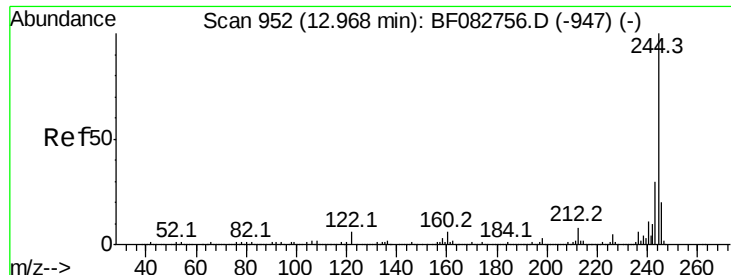


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.64 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

Instrument :

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20151106MGP221BRV95.5

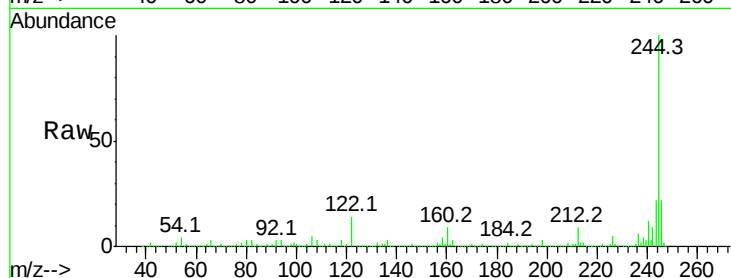
Tot Ion:244 Resp: 2438759

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

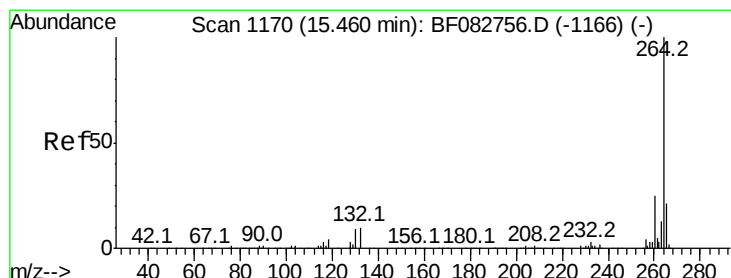
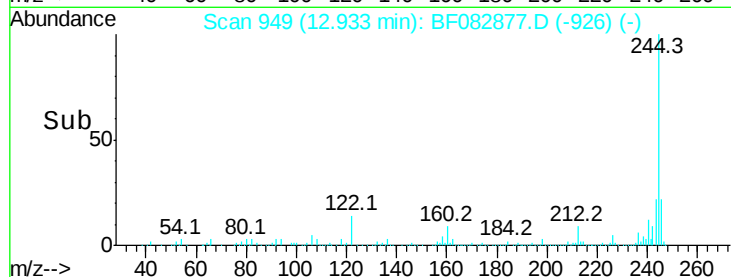
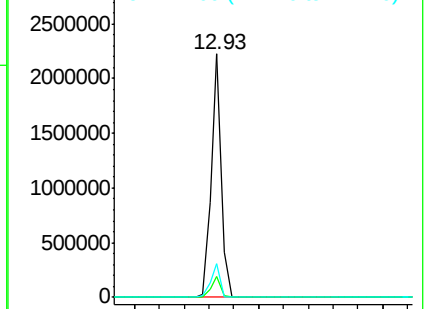
122 14.0 11.3 16.9



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082877.D

Acq: 10 Nov 2015 18:49

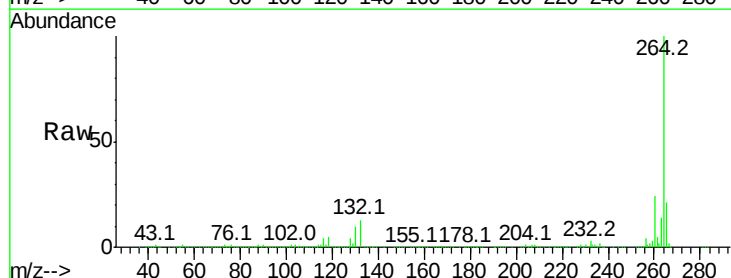
Tgt Ion:264 Resp: 727186

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

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

