

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084213.D
 Acq On : 31 Dec 2015 23:44
 Operator : UM/SJ
 Sample : PB86817BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86817BL

Quant Time: Jan 02 00:47:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	282533	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1139330	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	549094	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1043888	20.00	ng	0.00
75) Chrysene-d12	14.05	240	738053	20.00	ng	-0.01
86) Perylene-d12	15.49	264	548808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1785924	102.24	ng	0.01
7) Phenol-d6	6.52	99	2170886	98.96	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1379738	67.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	554464	100.02	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2488675	79.31	ng	0.00
78) Terphenyl-d14	13.01	244	2330880	70.50	ng	0.00

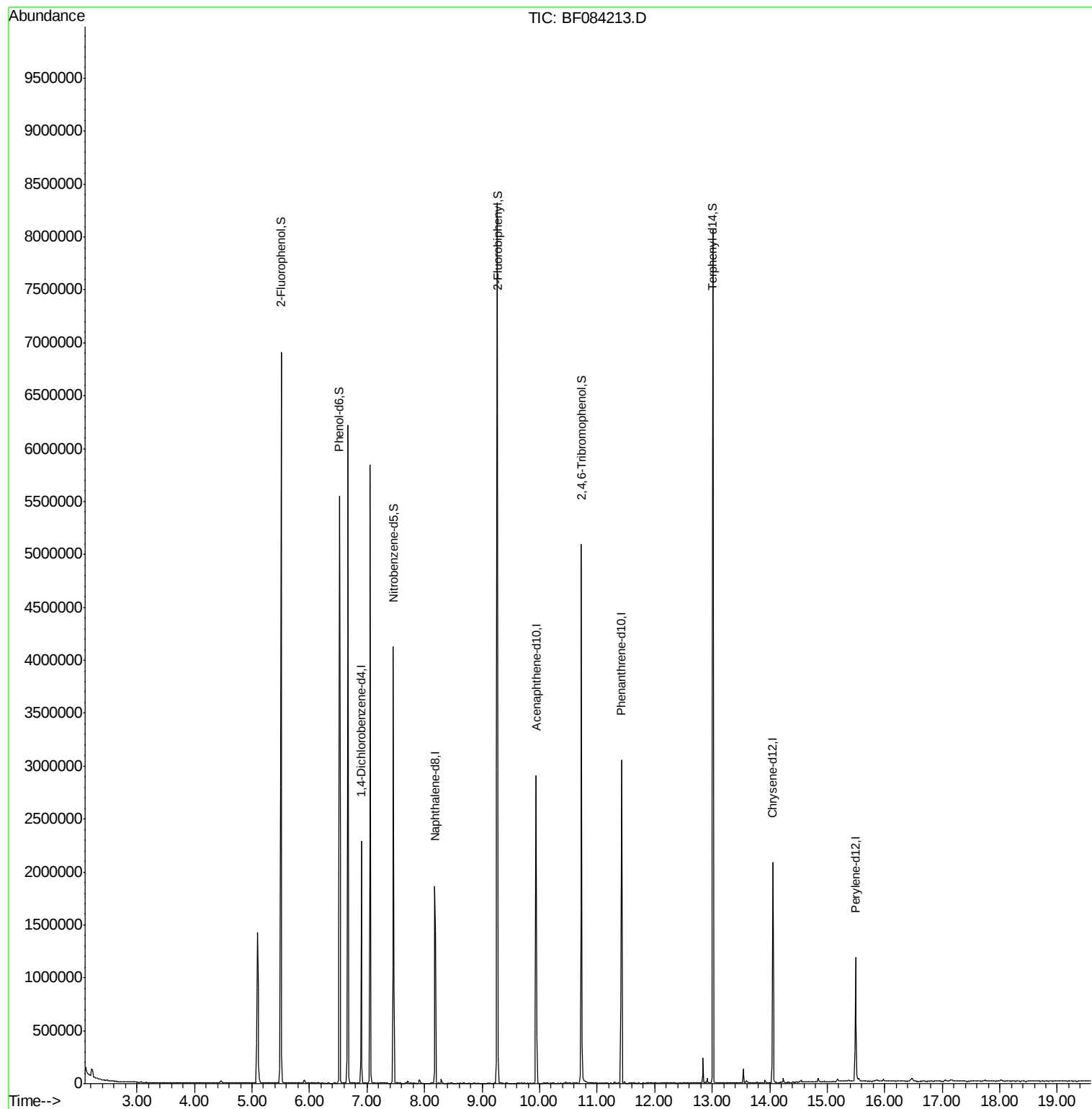
Target Compounds Qvalue

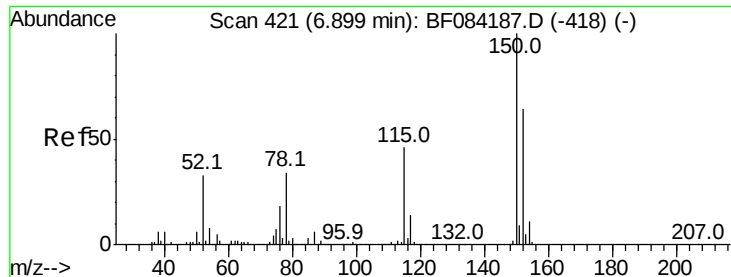
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Instrument :

BNA_F

ClientSampleId :

PB86817BL

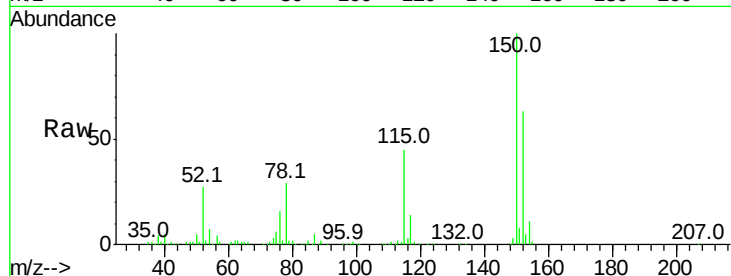
Tot Ion:152 Resp: 282533

Ion Ratio Lower Upper

152 100

150 158.5 123.0 184.4

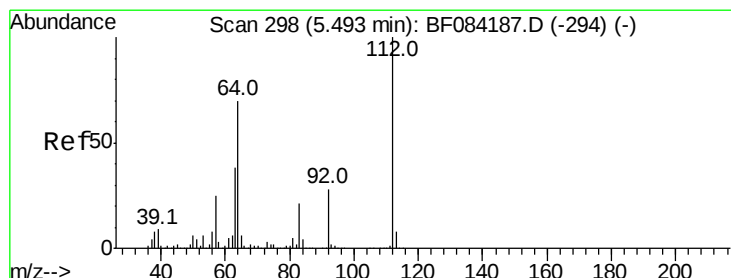
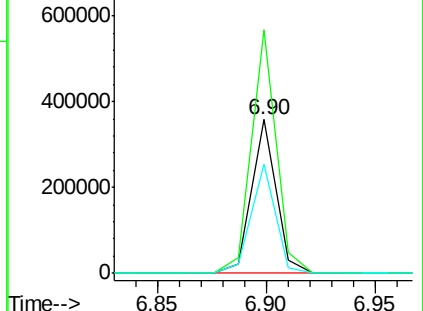
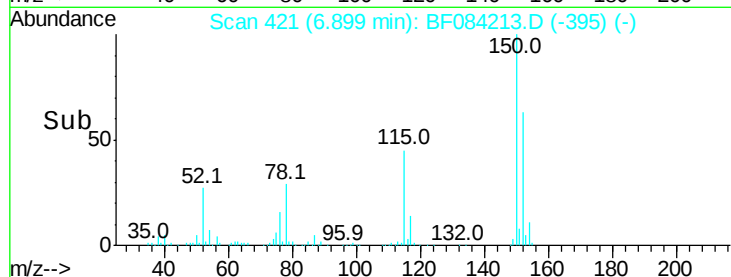
115 71.3 51.4 77.2



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: 102.24 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

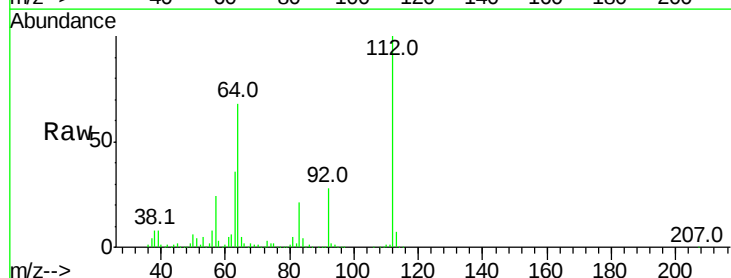
Tgt Ion:112 Resp: 1785924

Ion Ratio Lower Upper

112 100

64 67.6 36.6 55.0#

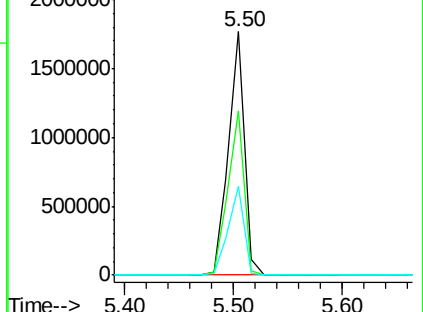
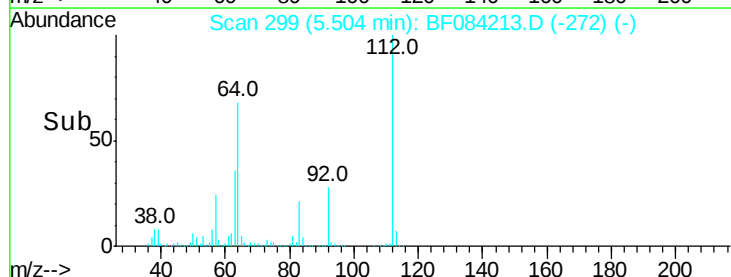
63 36.4 19.4 29.0#

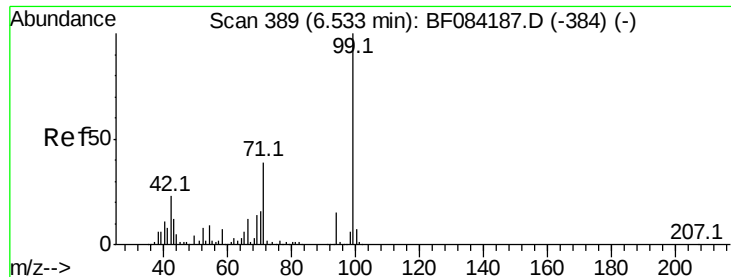


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.96 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Instrument :

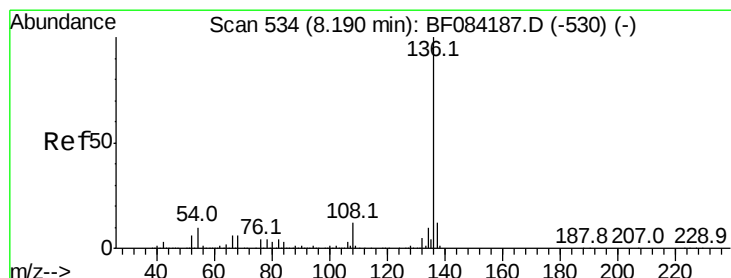
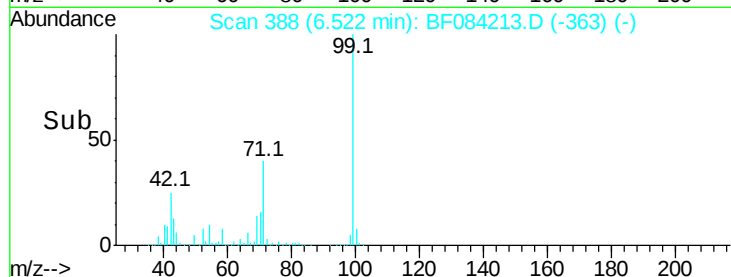
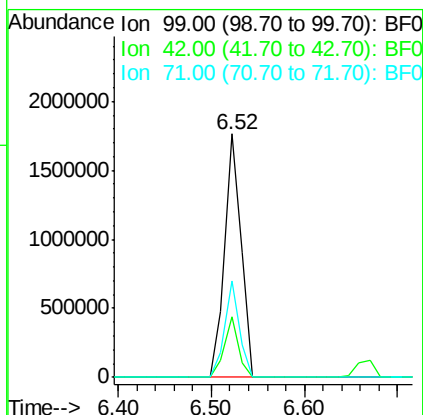
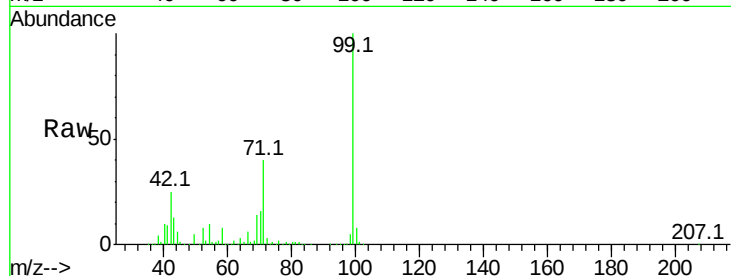
BNA_F

ClientSampleId :

PB86817BL

Tot Ion: 99 Resp: 2170886

Ion	Ratio	Lower	Upper
99	100		
42	24.6	12.8	19.2#
71	39.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

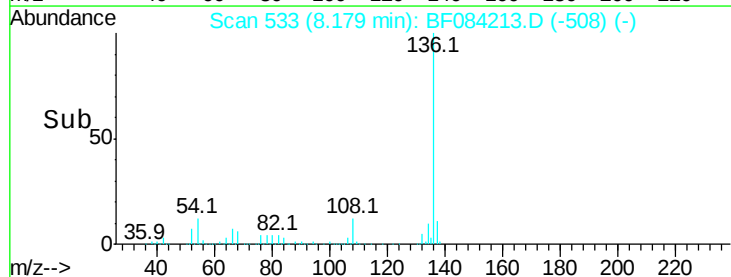
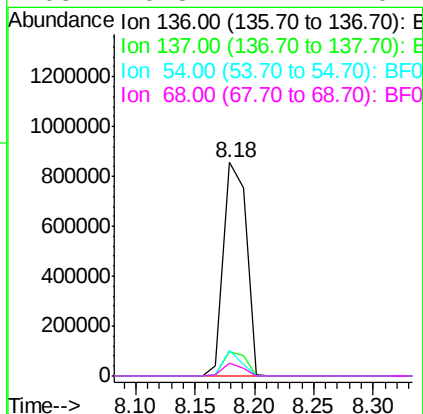
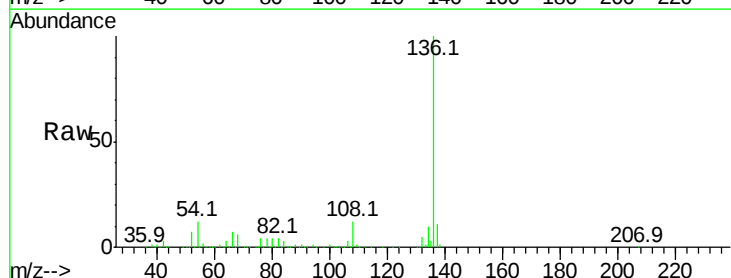
Delta R.T. -0.01 min

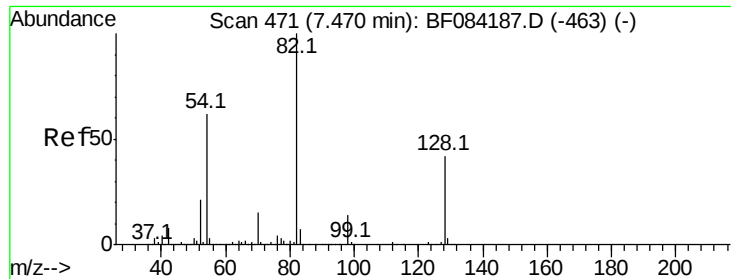
Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Tgt Ion: 136 Resp: 1139330

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.8	5.8	8.8#
68	6.3	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 67.40 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Instrument :

BNA_F

ClientSampleId :

PB86817BL

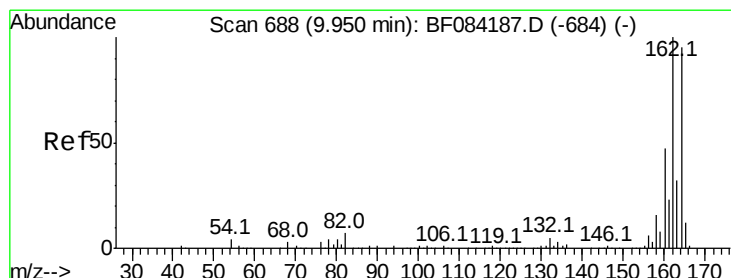
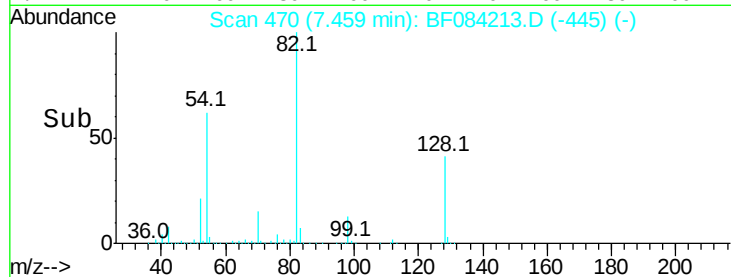
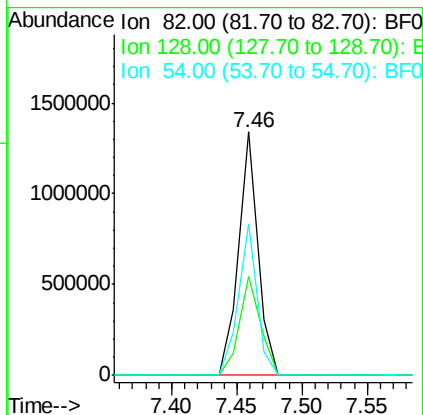
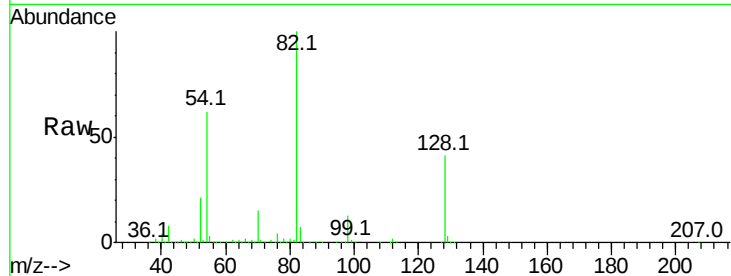
Tot Ion: 82 Resp: 1379738

Ion Ratio Lower Upper

82 100

128 40.6 34.6 51.8

54 62.1 38.4 57.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

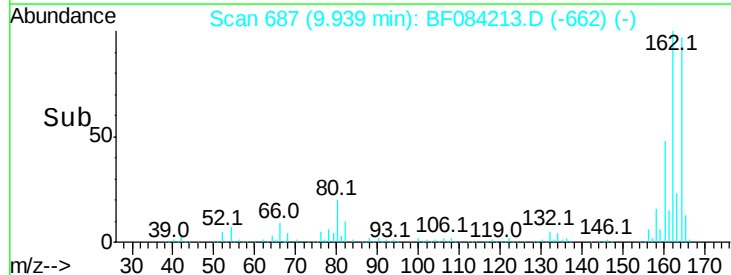
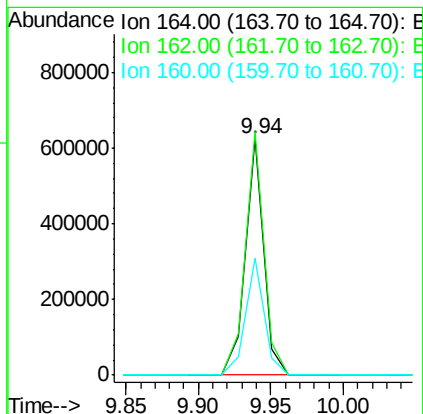
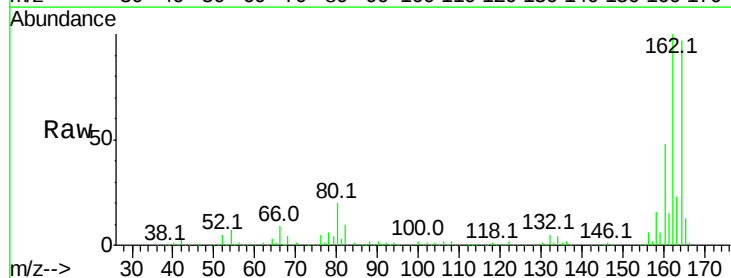
Tgt Ion:164 Resp: 549094

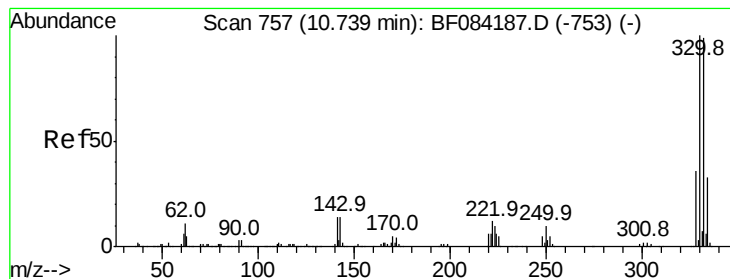
Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

160 49.5 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 100.02 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Instrument :

BNA_F

ClientSampleId :

PB86817BL

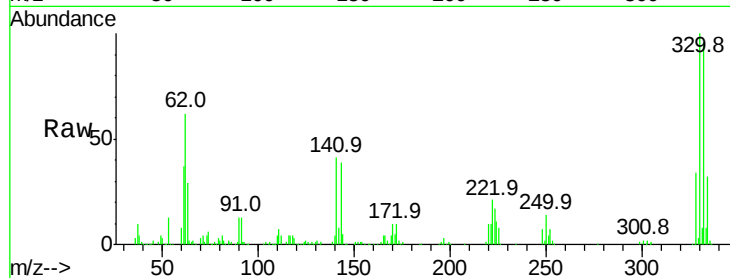
Tot Ion:330 Resp: 554464

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

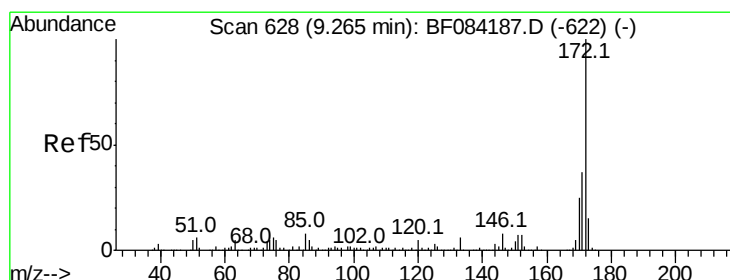
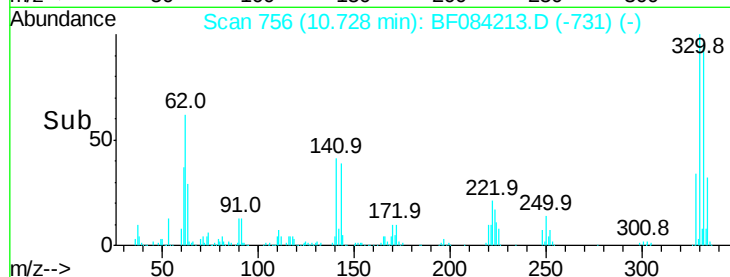
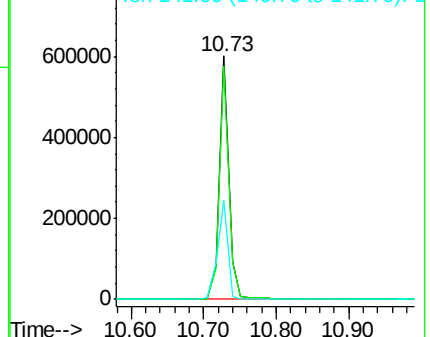
141 43.8 27.8 41.6#



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: 79.31 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

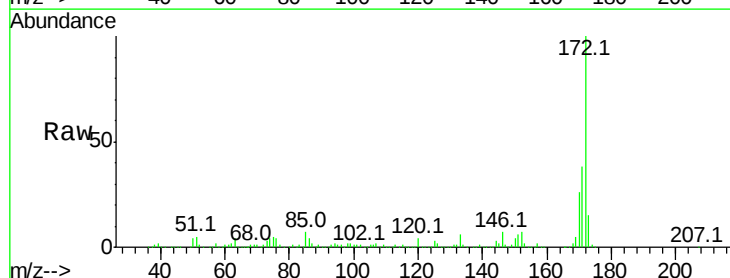
Tgt Ion:172 Resp: 2488675

Ion Ratio Lower Upper

172 100

171 38.0 28.9 43.3

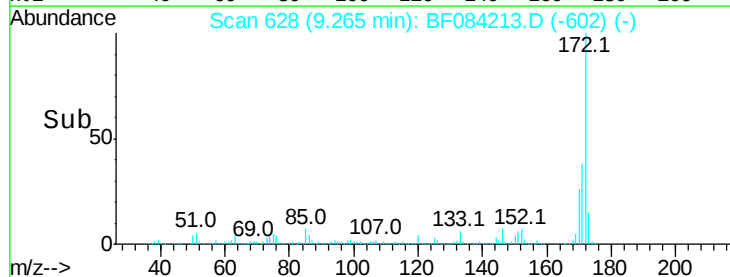
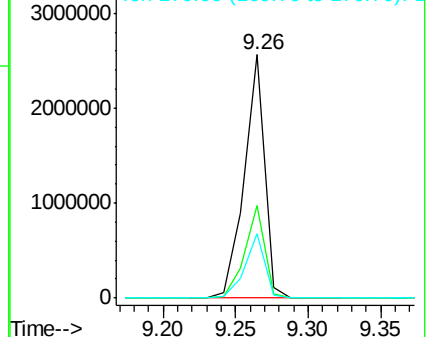
170 26.2 18.6 27.8

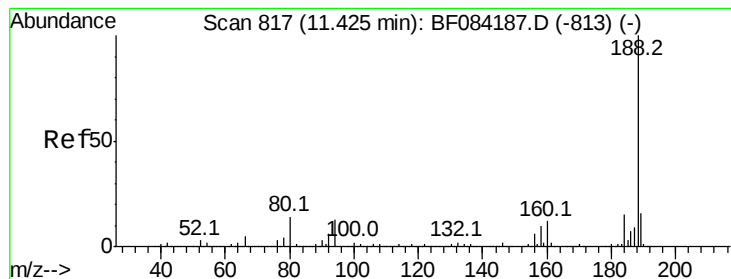


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084213.D

Acq: 31 Dec 2015 23:44

Instrument :

BNA_F

ClientSampleId :

PB86817BL

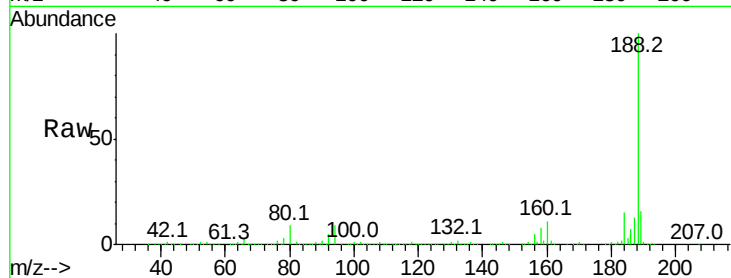
Tot Ion:188 Resp: 1043888

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

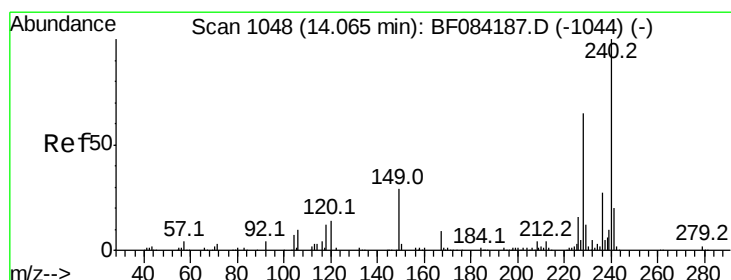
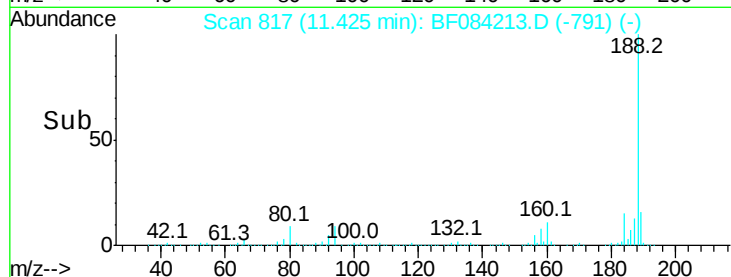
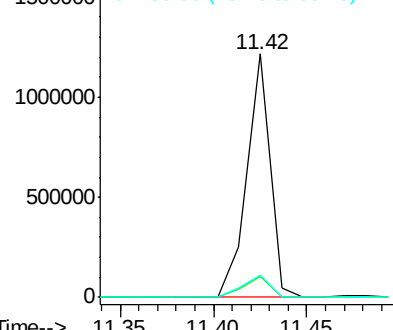
80 9.4 9.6 14.4#



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: BF084213.D

Acq: 31 Dec 2015 23:44

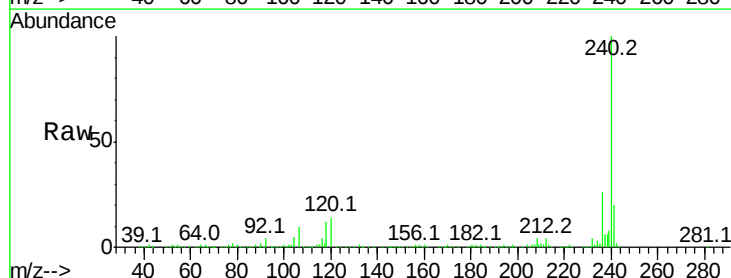
Tgt Ion:240 Resp: 738053

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

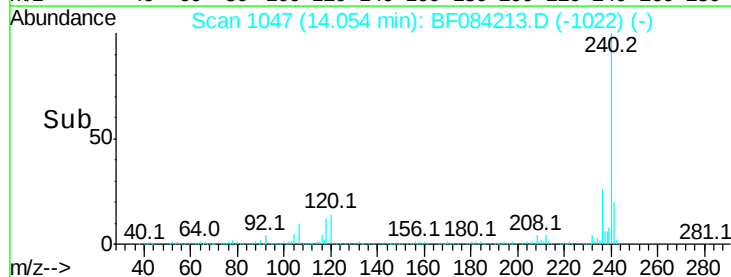
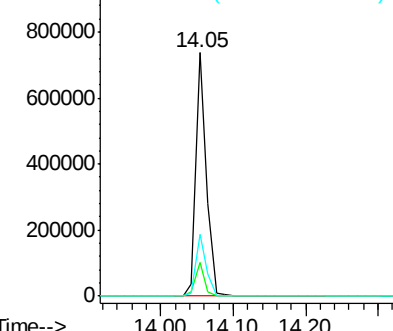
236 25.7 20.6 31.0

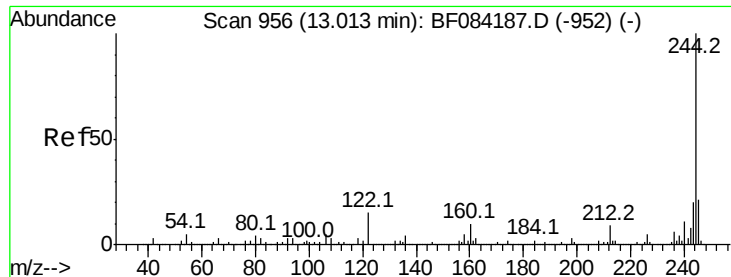


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

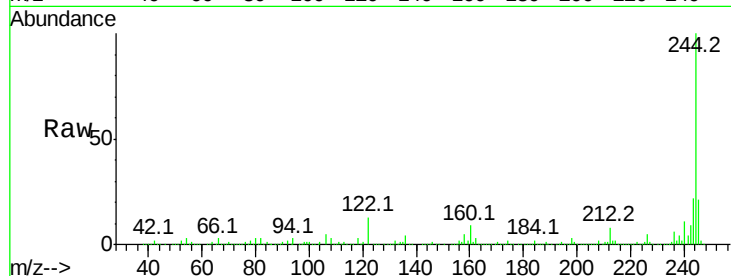




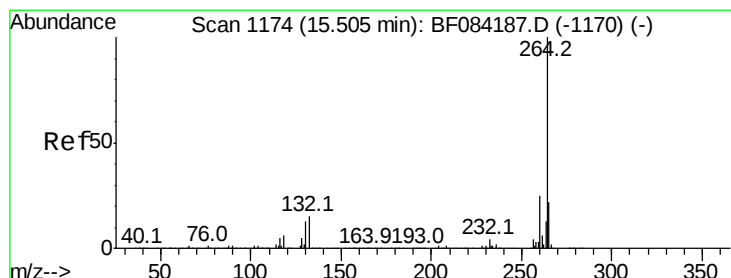
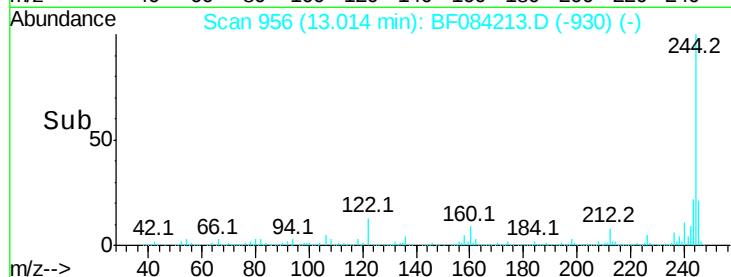
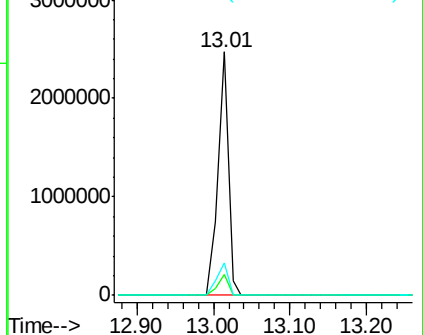
#78
 Terphenyl-d14
 Concen: 70.50 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084213.D
 Acq: 31 Dec 2015 23:44

Instrument :
 BNA_F
 ClientSampleId :
 PB86817BL

Tot Ion:244 Resp: 2330880
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 13.1 7.4 11.0#

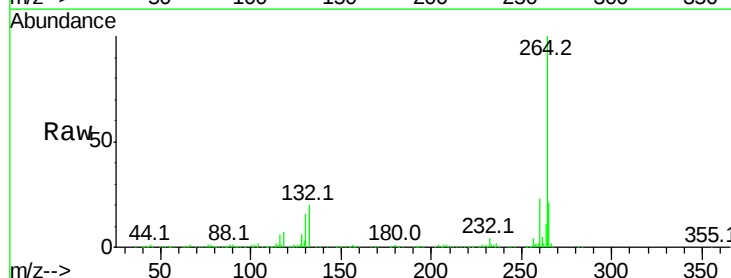


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084213.D
 Acq: 31 Dec 2015 23:44

Tgt Ion:264 Resp: 548808
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.6 17.8 26.6



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

