

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082879.D
 Acq On : 10 Nov 2015 19:47
 Operator : UM/IZ
 Sample : PB86541TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

Quant Time: Nov 13 17:54:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 17:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	250090	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	940608	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	541169	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	961807	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	883365	20.00	ng	-0.01
86) Perylene-d12	15.40	264	721100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1360676	84.65	ng	0.01
7) Phenol-d6	6.45	99	1764627	82.58	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1356659	62.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	494326	79.67	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2175645	57.62	ng	0.00
78) Terphenyl-d14	12.93	244	2341659	62.87	ng	0.00

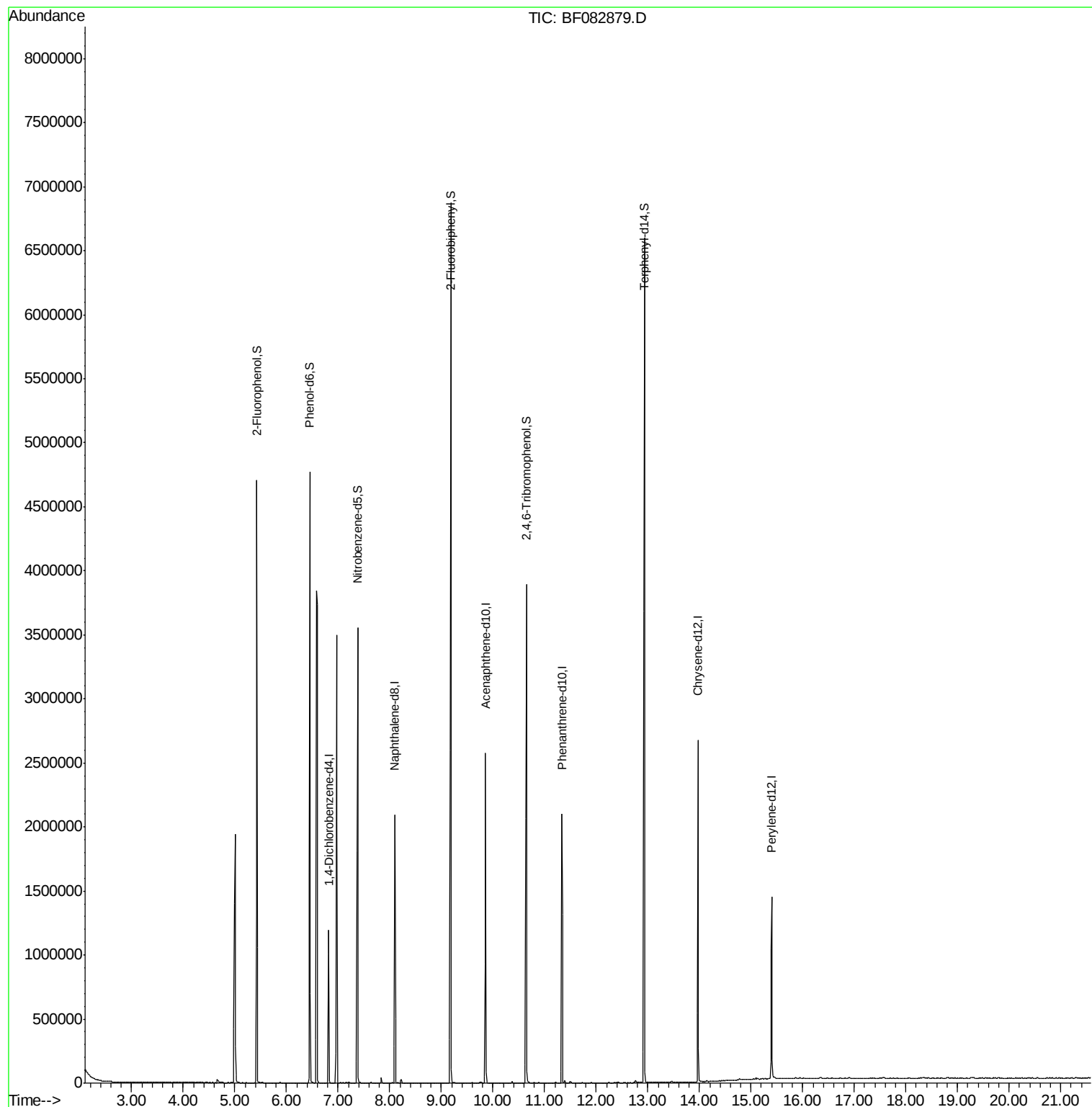
Target Compounds Qvalue

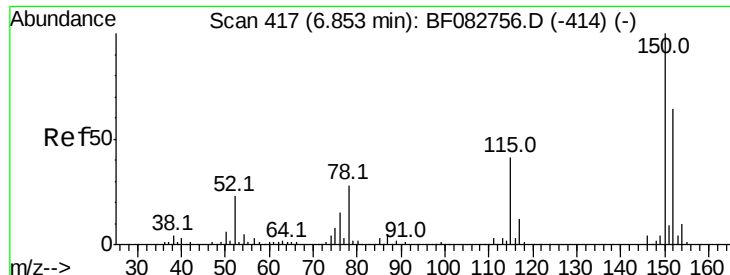
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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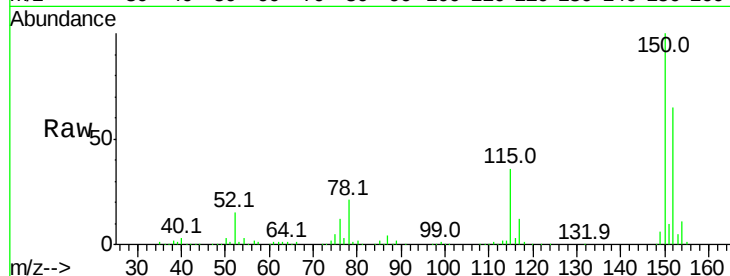


#1

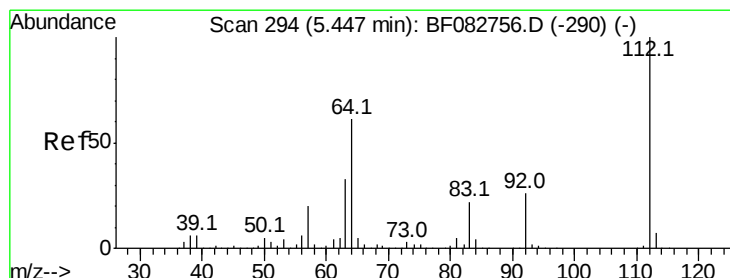
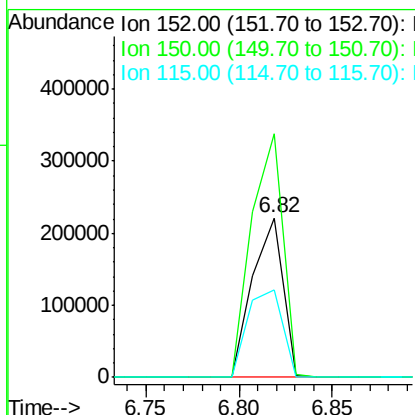
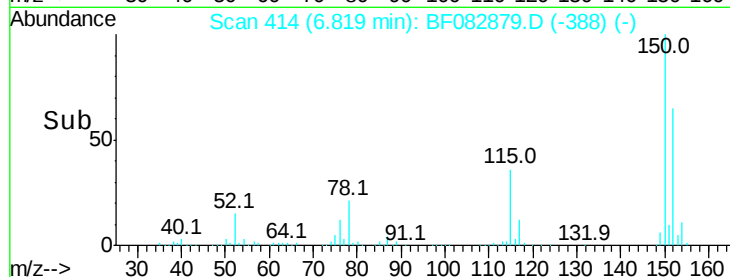
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

Instrument :
BNA_F
ClientSampleId :
PB86541TB

Tot Ion:152 Resp: 250090
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.4
115 55.2 47.0 70.6



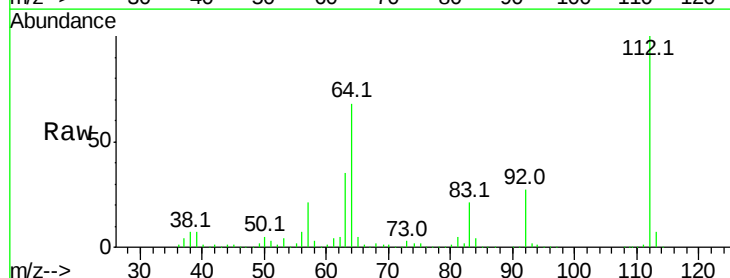
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



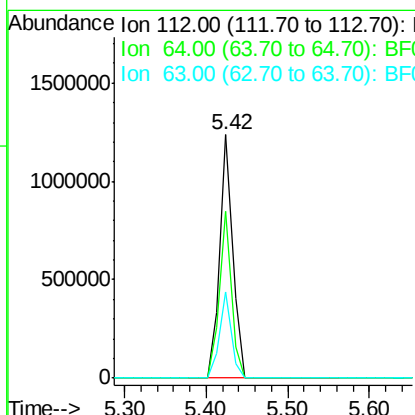
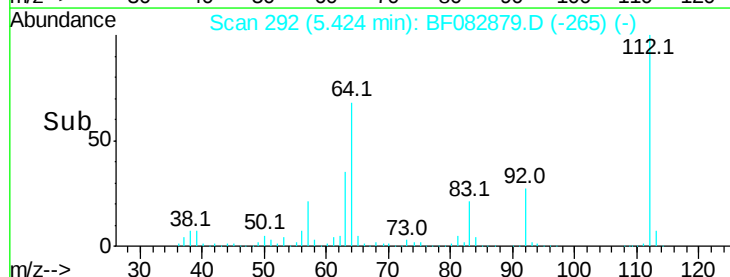
#5

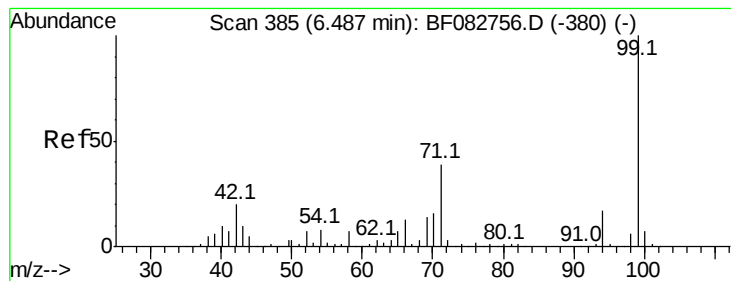
2-Fluorophenol
Concen: 84.65 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

Tgt Ion:112 Resp: 1360676
Ion Ratio Lower Upper
112 100
64 68.5 48.9 73.3
63 35.4 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: 82.58 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Instrument :

BNA_F

ClientSampleId :

PB86541TB

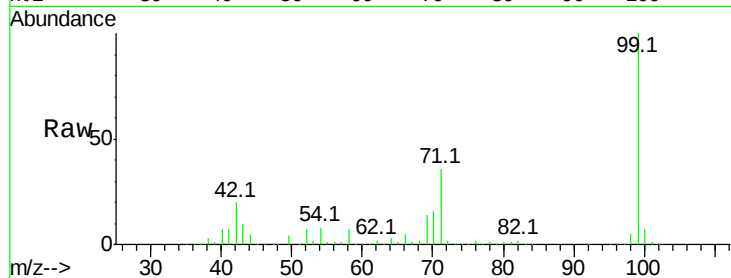
Tot Ion: 99 Resp: 1764627

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	36.2	35.0	52.4

99 100

42 19.9 19.2 28.8

71 36.2 35.0 52.4

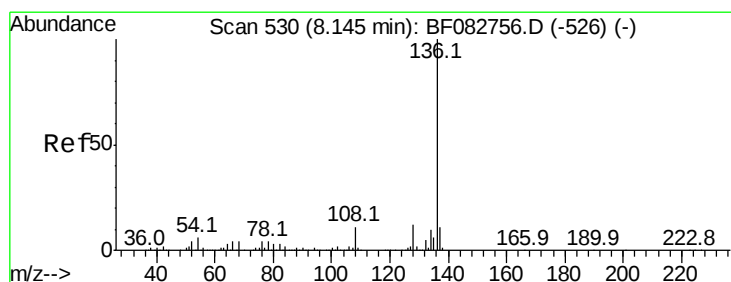
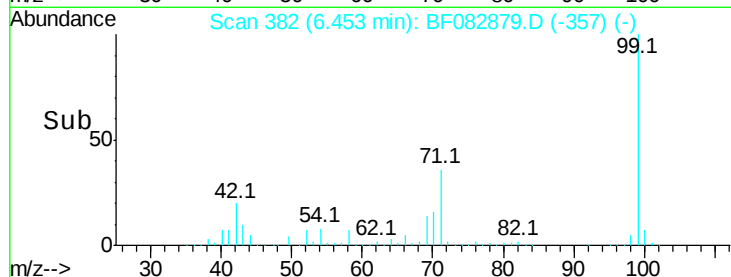
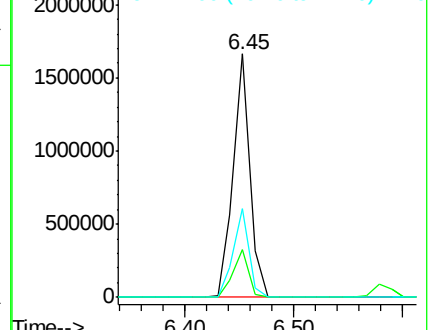


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Tgt Ion: 136 Resp: 940608

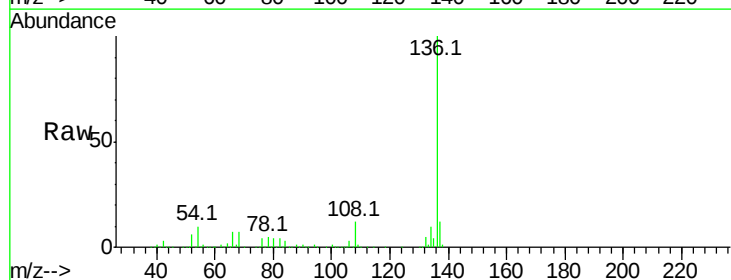
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.4	9.1	13.7
68	7.2	4.8	7.2#

136 100

137 11.6 9.1 13.7

54 10.4 9.1 13.7

68 7.2 4.8 7.2#



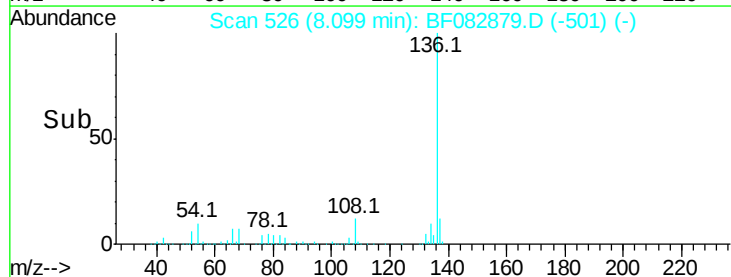
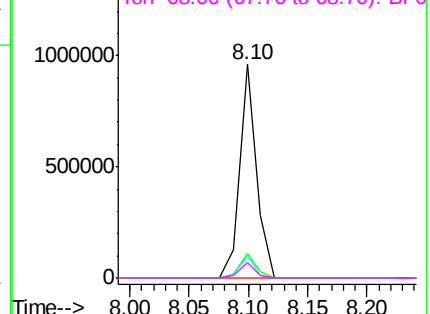
Abundance

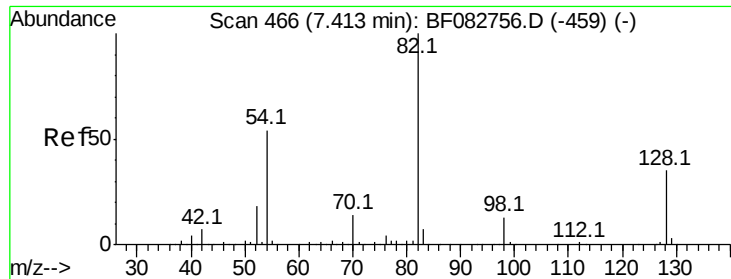
Ion 136.00 (135.70 to 136.70): E

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

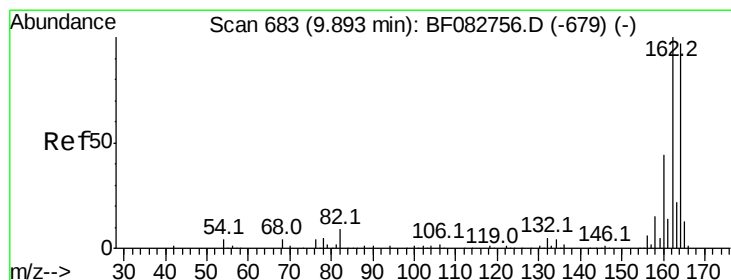
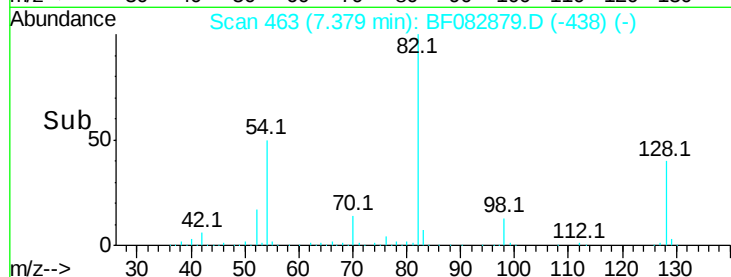
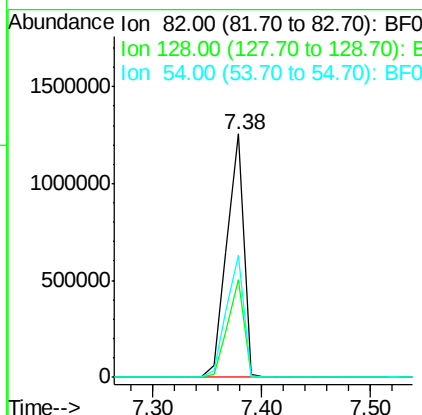
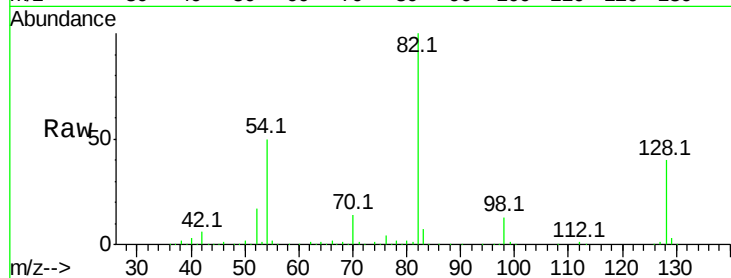




#23
 Nitrobenzene-d5
 Concen: 62.76 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

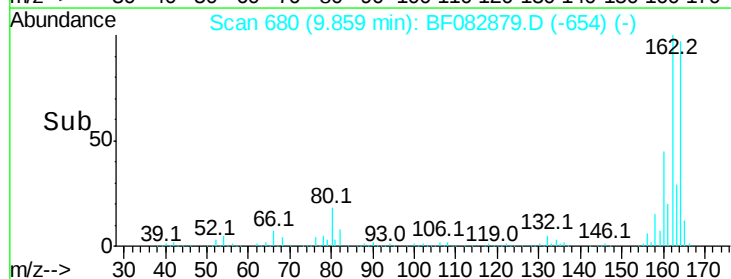
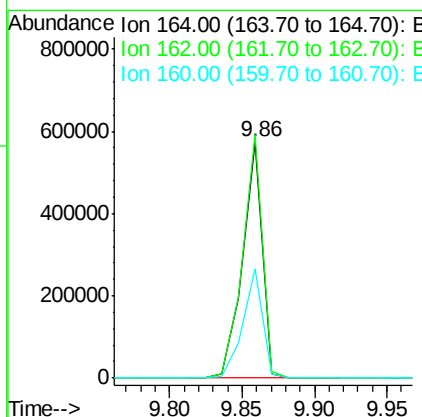
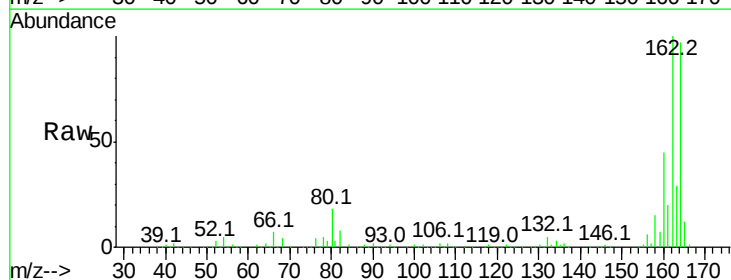
Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

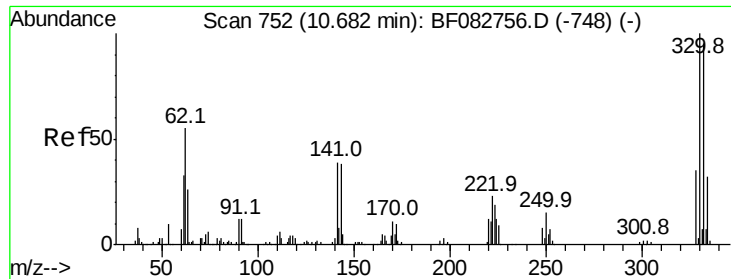
Tot Ion: 82 Resp: 1356659
 Ion Ratio Lower Upper
 82 100
 128 40.3 26.8 40.2#
 54 50.3 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Tgt Ion:164 Resp: 541169
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 46.0 37.5 56.3

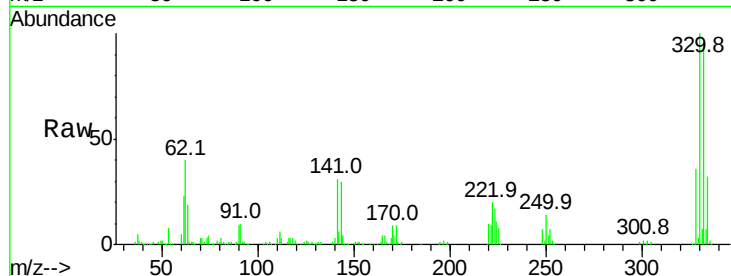




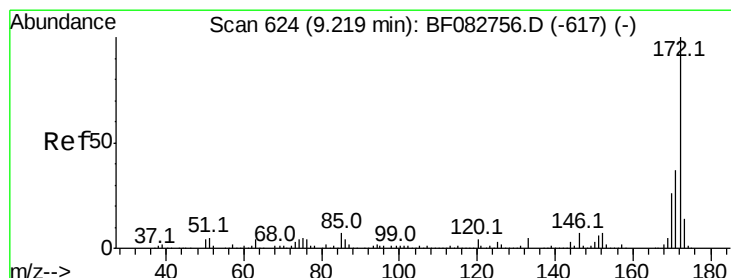
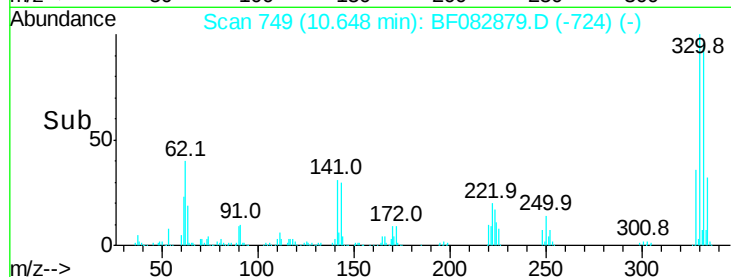
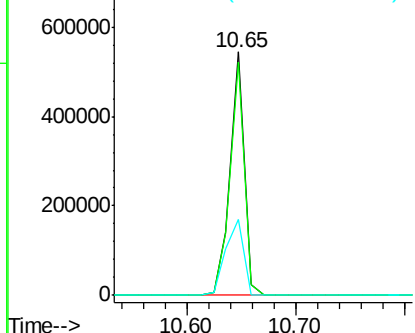
#41
 2,4,6-Tribromophenol
 Concen: 79.67 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

Tot Ion:330 Resp: 494326
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 39.7 41.2 61.8#

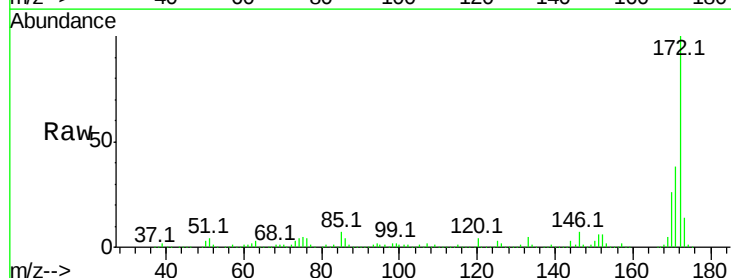


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

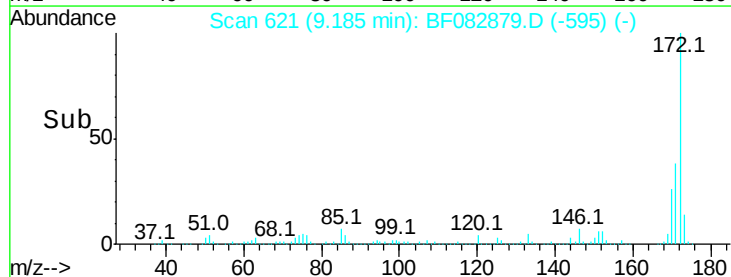
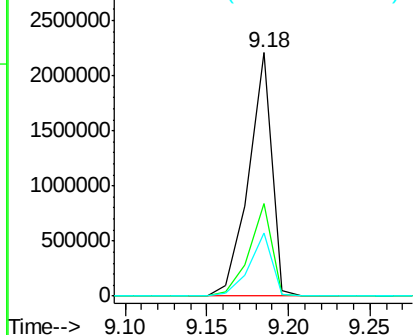


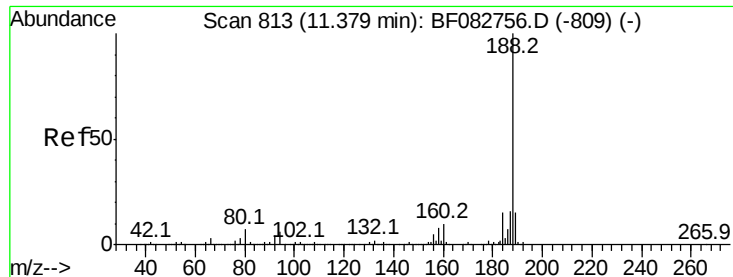
#44
 2-Fluorobiphenyl
 Concen: 57.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Tgt Ion:172 Resp: 2175645
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.0 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

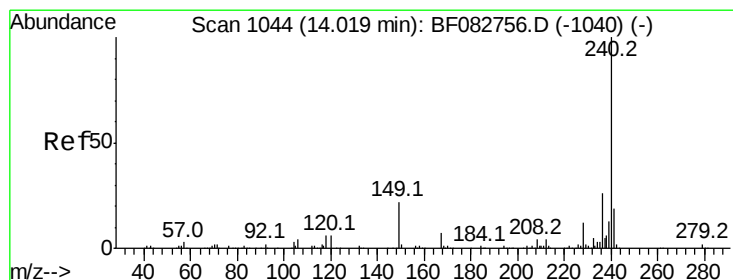
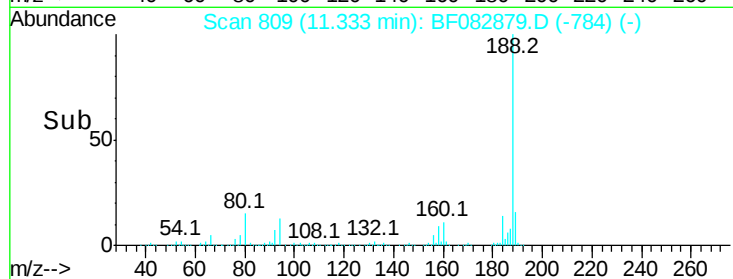
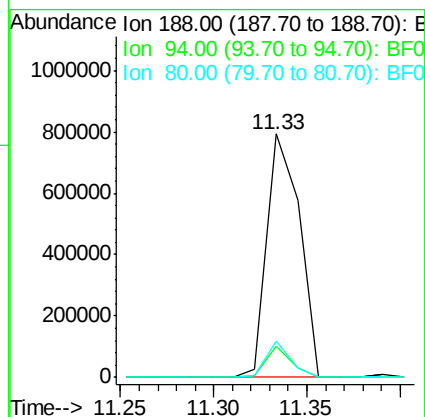
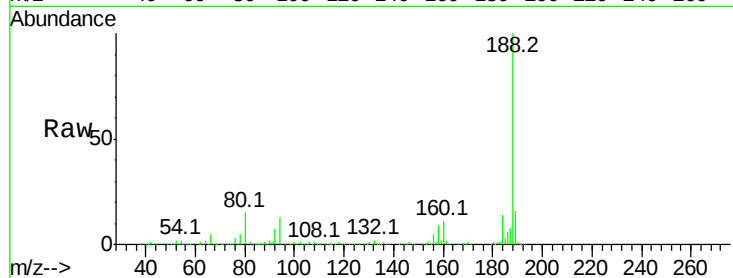




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

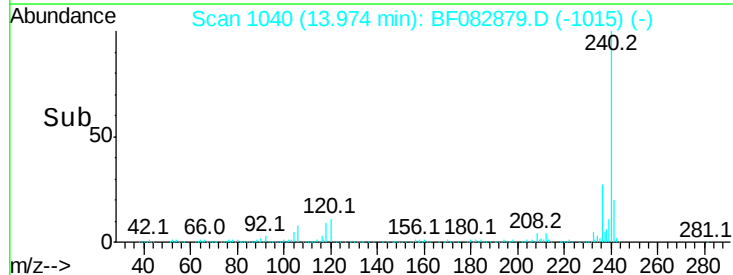
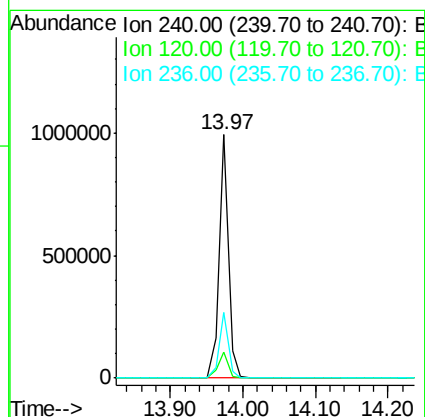
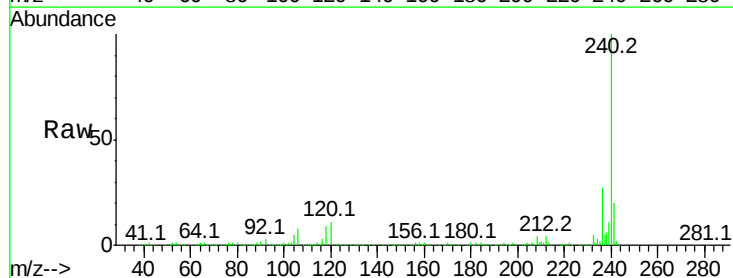
Instrument :
BNA_F
ClientSampleId :
PB86541TB

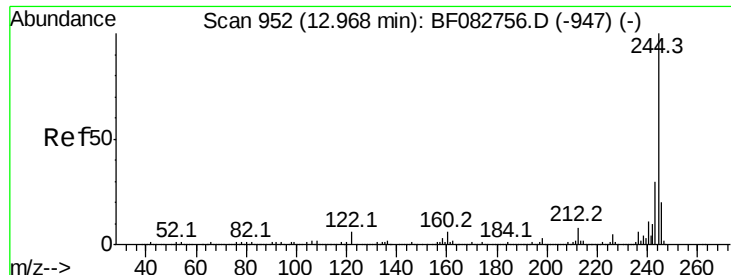
Tot Ion:188 Resp: 961807
Ion Ratio Lower Upper
188 100
94 13.0 6.1 9.1#
80 14.7 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

Tgt Ion:240 Resp: 883365
Ion Ratio Lower Upper
240 100
120 10.7 10.9 16.3#
236 27.0 21.6 32.4





#78

Terphenyl-d14

Concen: 62.87 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Instrument :

BNA_F

ClientSampleId :

PB86541TB

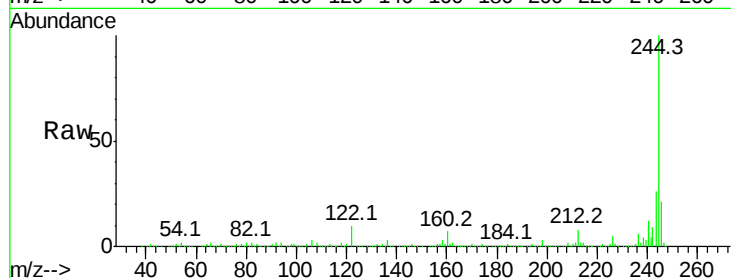
Tot Ion:244 Resp: 2341659

Ion Ratio Lower Upper

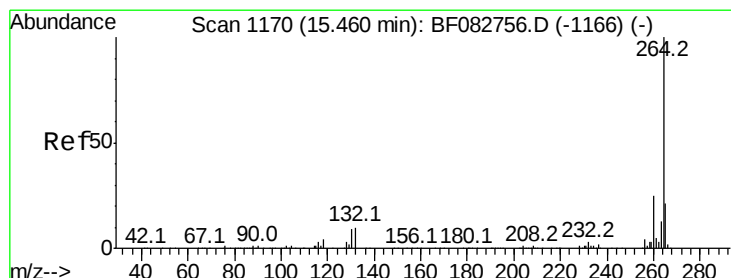
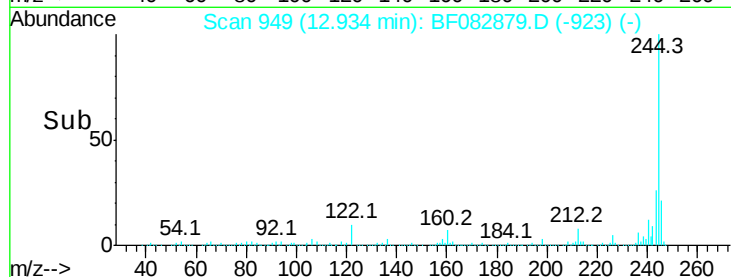
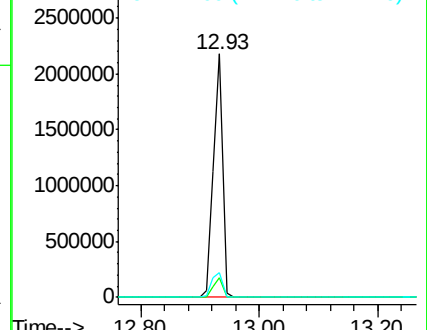
244 100

212 8.1 7.6 11.4

122 10.1 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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

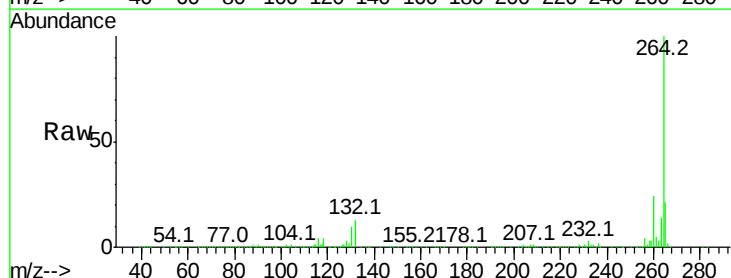
Tgt Ion:264 Resp: 721100

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.0 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

