

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084121.D
 Acq On : 25 Dec 2015 11:11
 Operator : UM/SJ
 Sample : G4951-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

Quant Time: Dec 26 03:05:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52720	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	194256	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	94764	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	171187	20.00	ng	0.00
75) Chrysene-d12	13.95	240	118649	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	183886	59.14	ng	0.00
7) Phenol-d6	6.45	99	137306	35.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	309161	93.16	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	125162	123.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	607227	87.68	ng	0.00
78) Terphenyl-d14	12.90	244	488613	74.52	ng	0.00

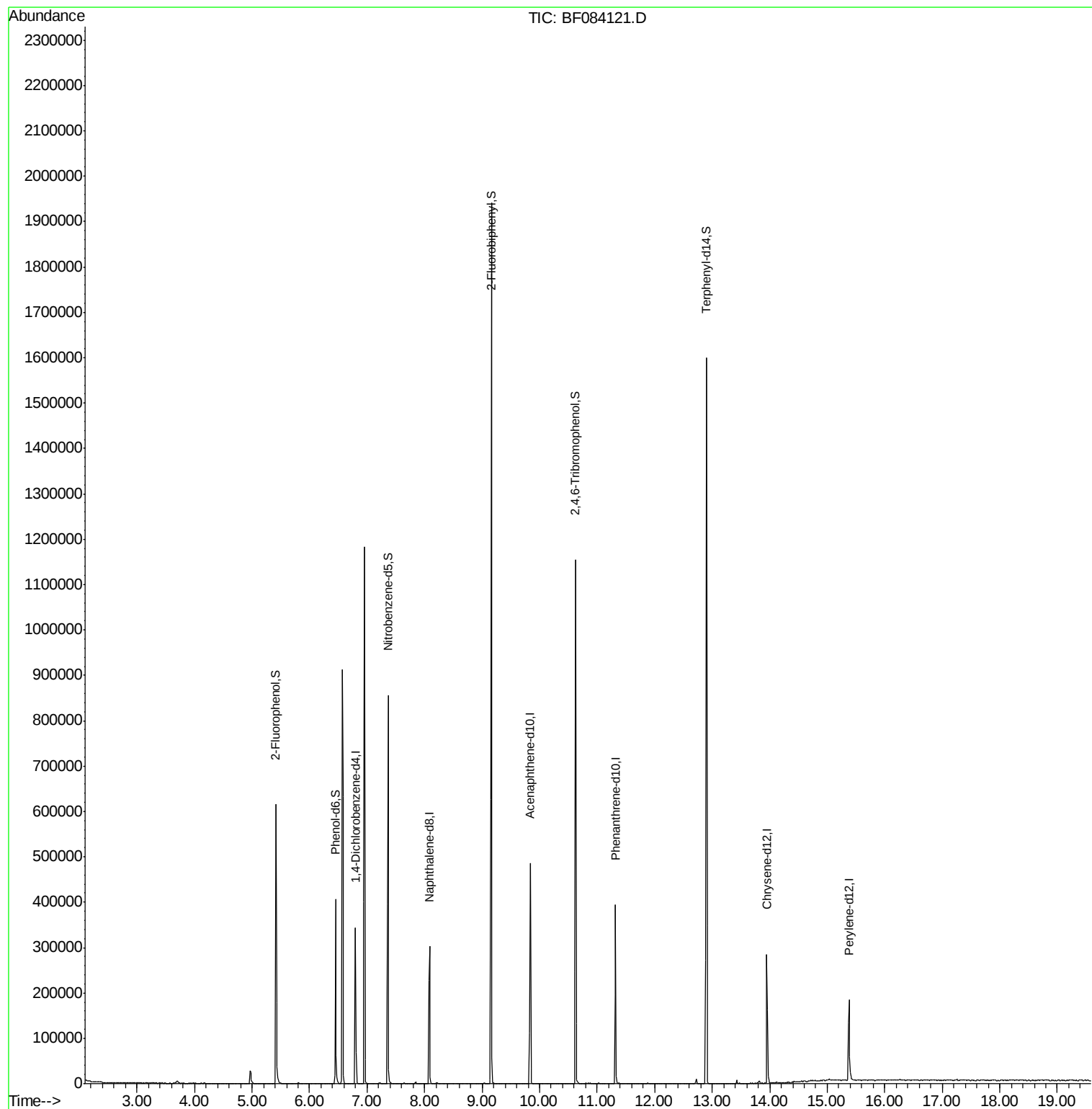
Target Compounds Qvalue

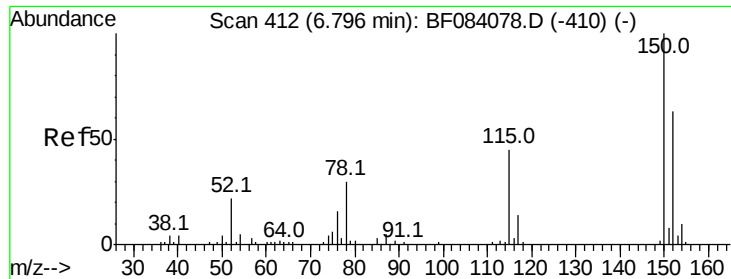
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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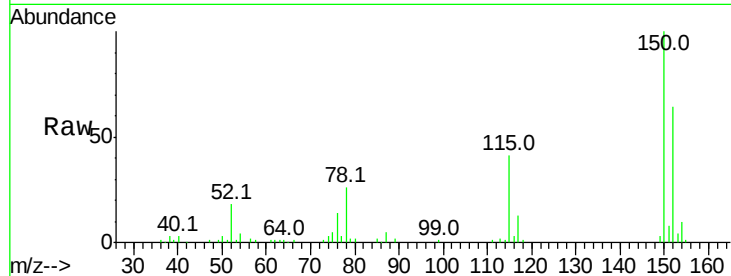


#1

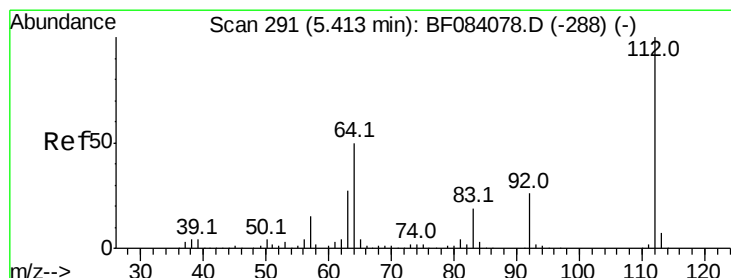
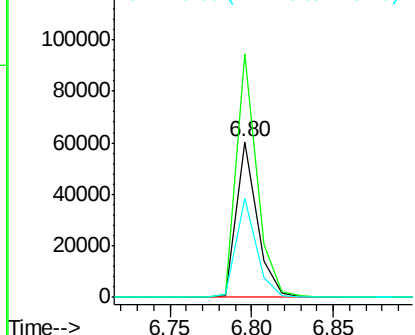
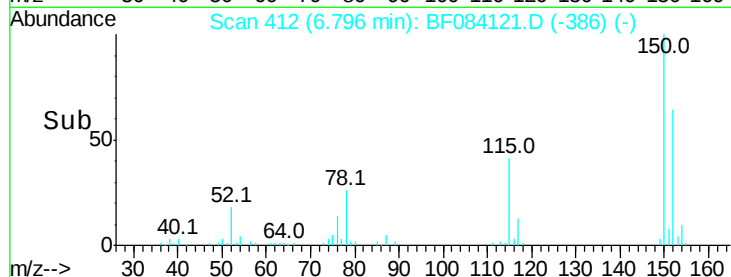
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

Tot Ion:152 Resp: 52720
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 63.5 51.4 77.2



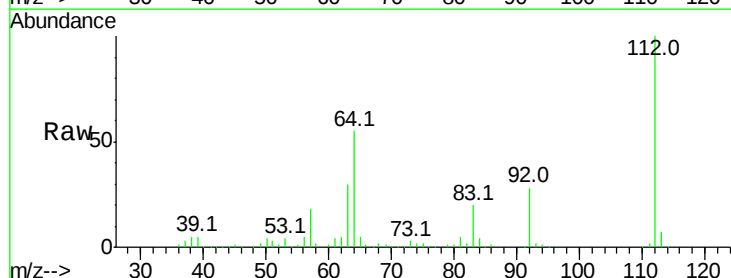
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



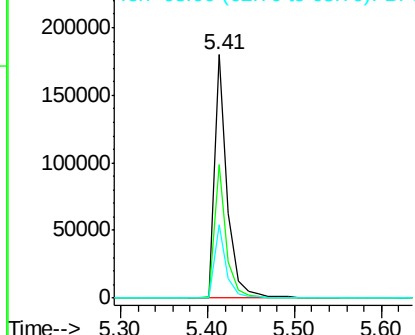
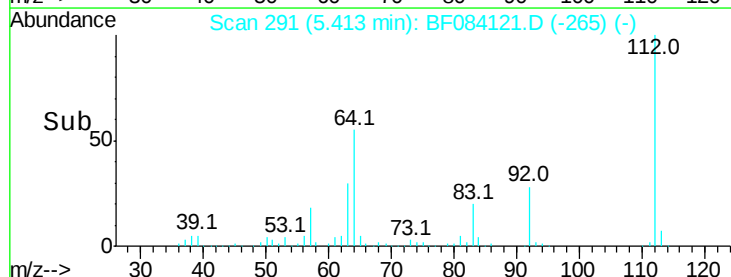
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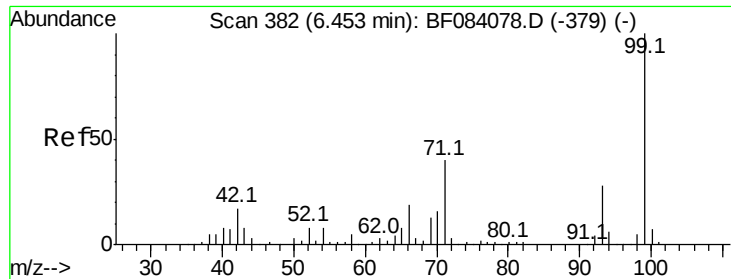
2-Fluorophenol
 Concen: 59.14 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion:112 Resp: 183886
 Ion Ratio Lower Upper
 112 100
 64 54.9 36.6 55.0
 63 30.0 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: 35.68 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122315

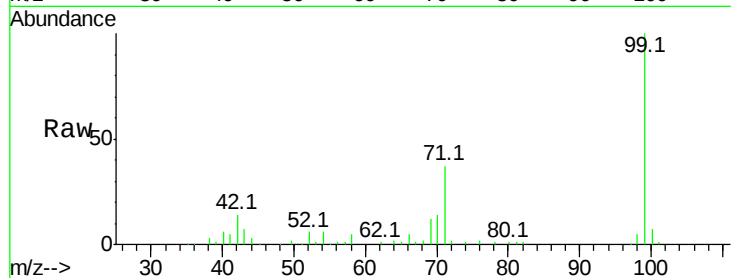
Tot Ion: 99 Resp: 137306

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

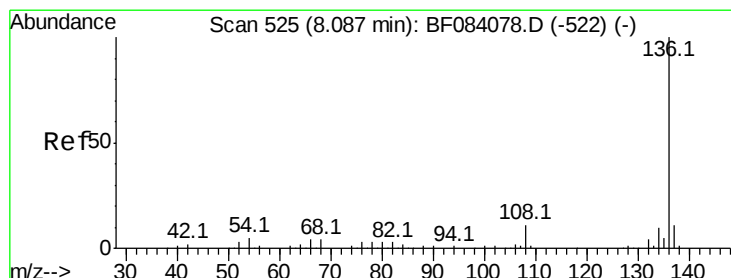
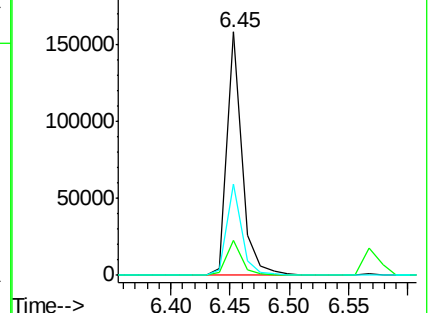
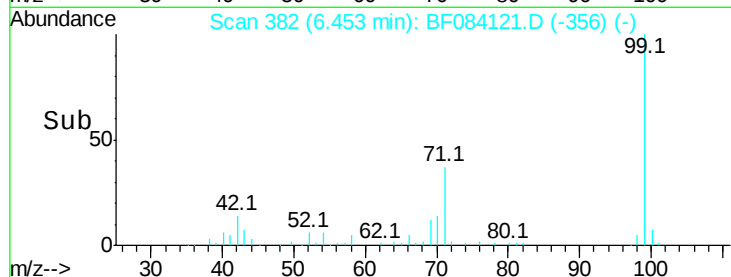
71 37.3 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Tgt Ion: 136 Resp: 194256

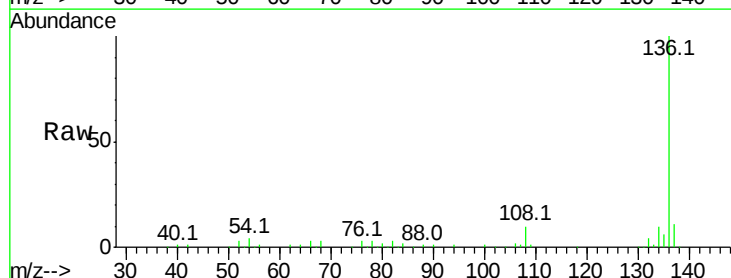
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 4.3 5.8 8.8#

68 3.2 4.2 6.2#

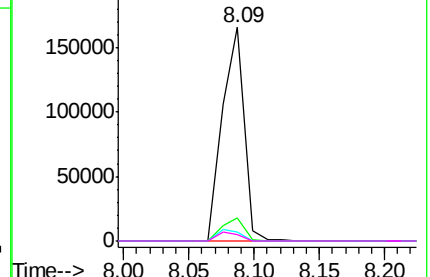
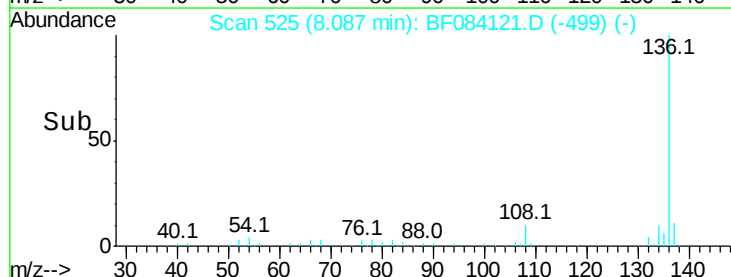


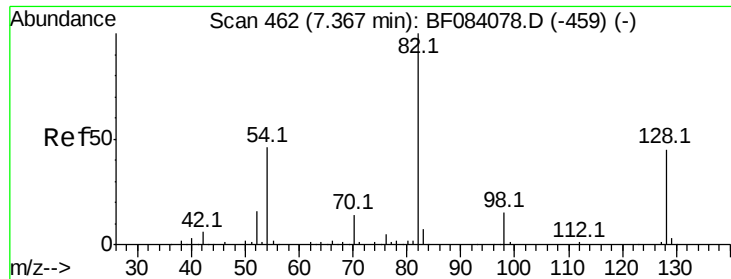
Abundance Ion 136.00 (135.70 to 136.70): E

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

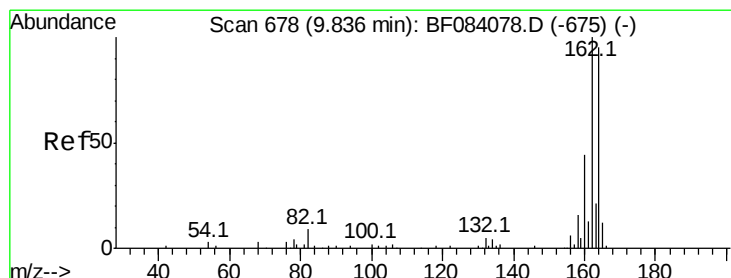
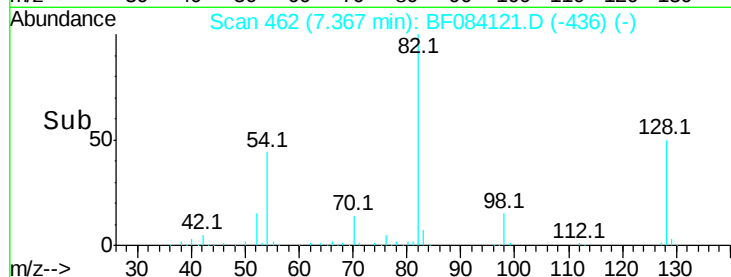
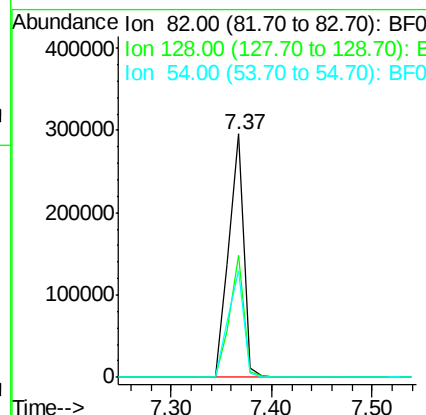
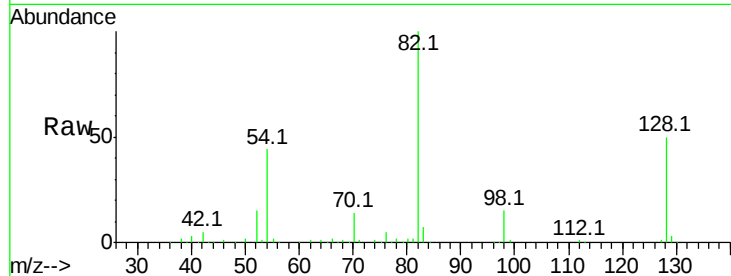




#23
 Nitrobenzene-d5
 Concen: 93.16 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

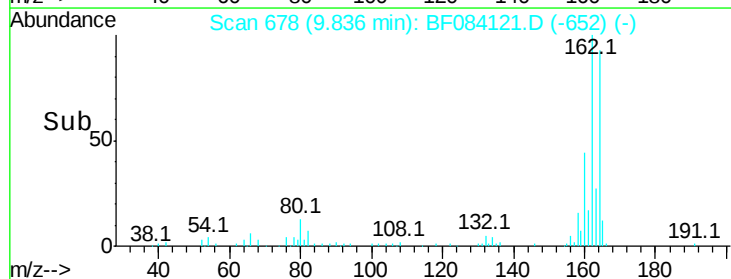
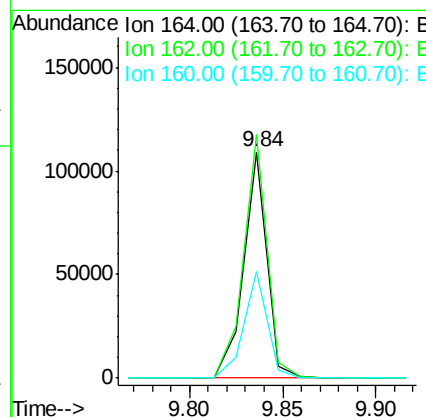
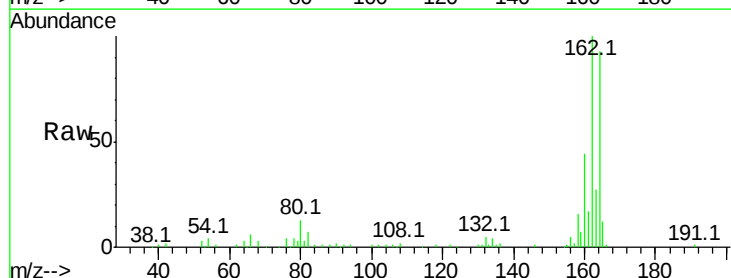
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

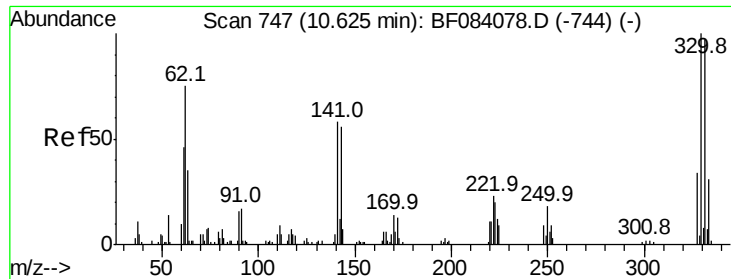
Tot Ion	82	Resp	309161
Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	51.8
54	43.9	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion	164	Resp	94764
Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.1	127.7
160	46.9	37.5	56.3

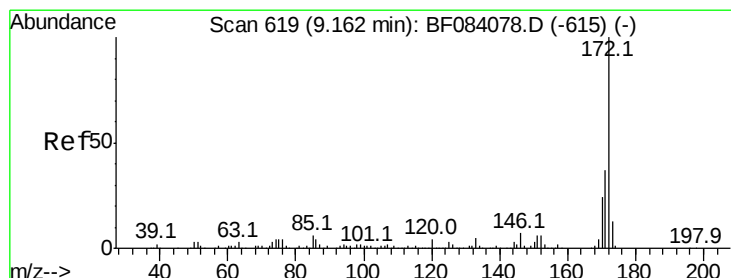
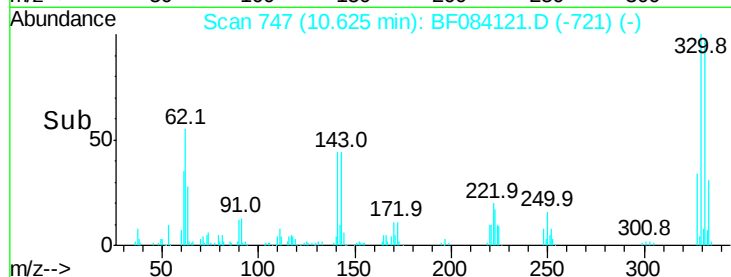
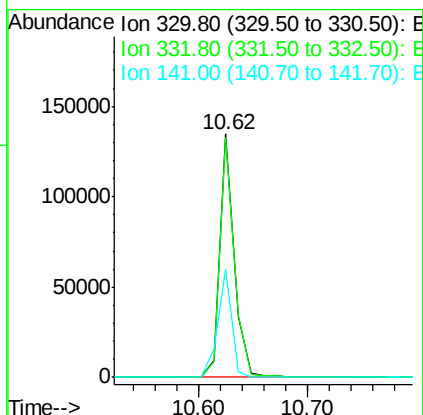
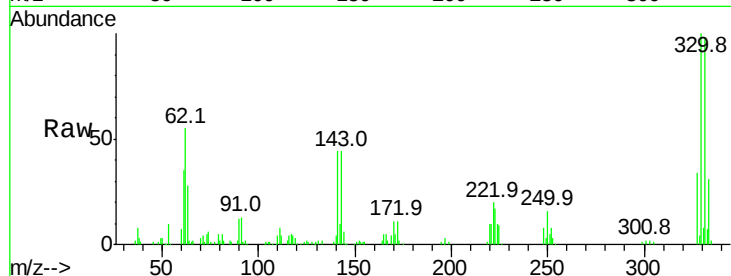




#41
 2,4,6-Tribromophenol
 Concen: 123.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

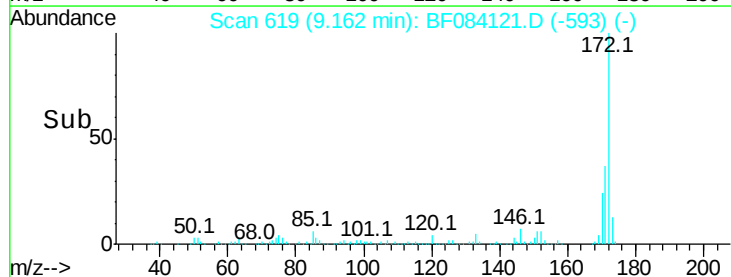
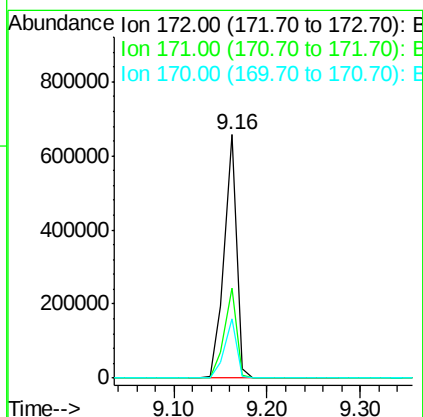
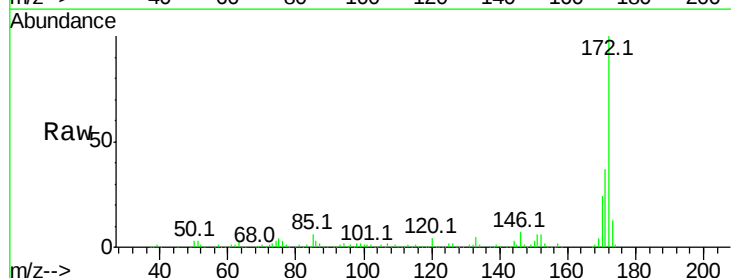
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

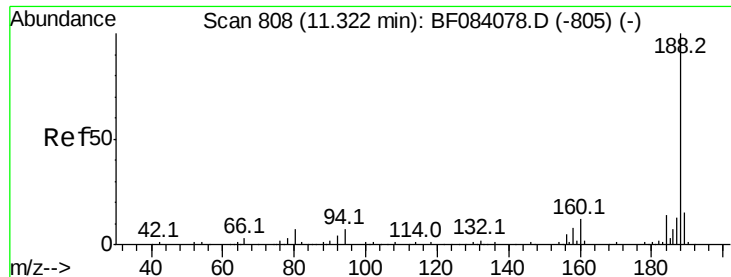
Tot Ion:330 Resp: 125162
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 114.8
 141 43.3 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion:172 Resp: 607227
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.3 18.6 27.8

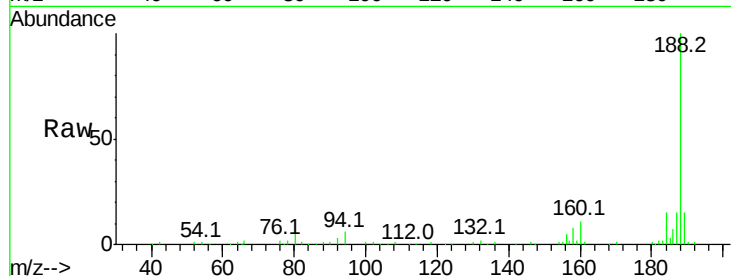




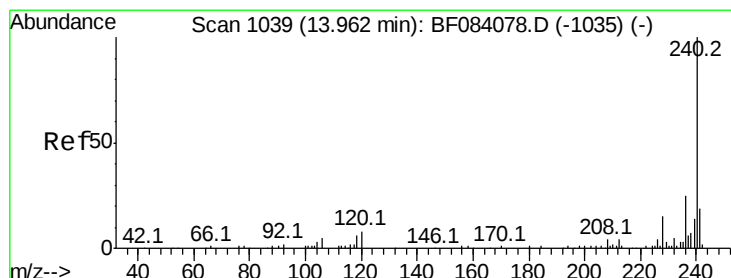
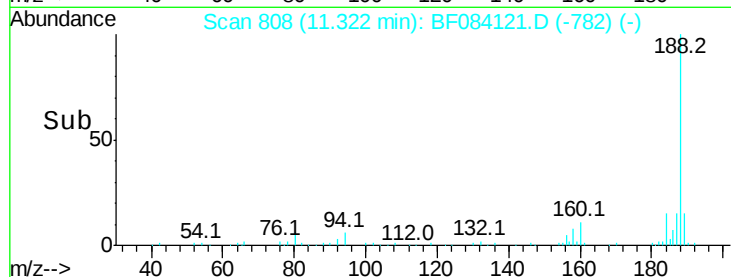
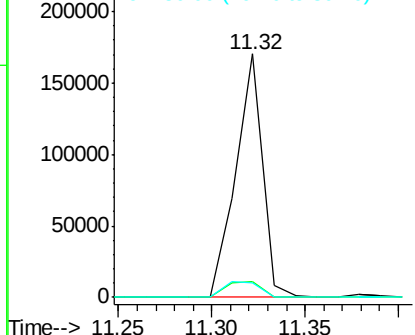
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.1	9.6	14.4#

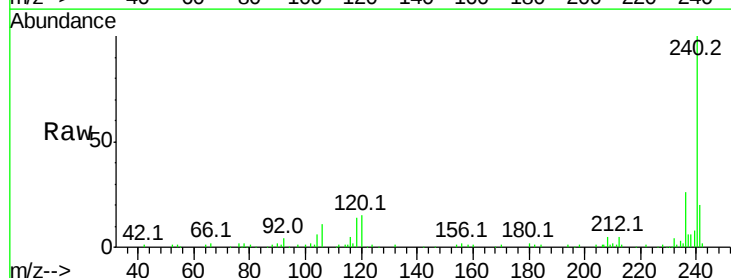


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

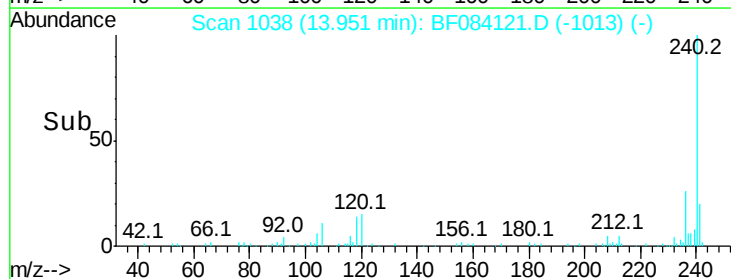
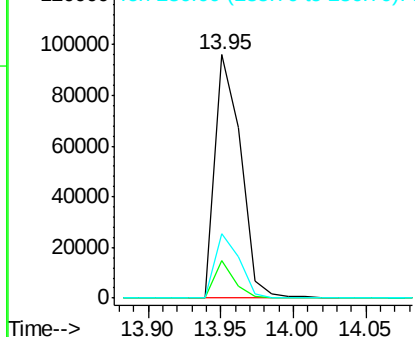


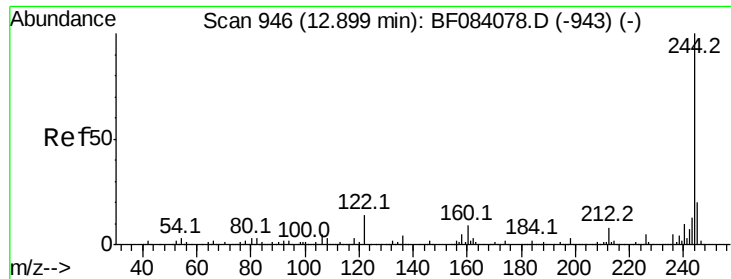
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	26.2	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: 74.52 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122315

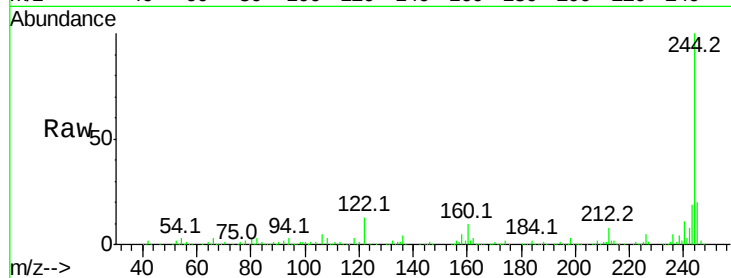
Tot Ion:244 Resp: 488613

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

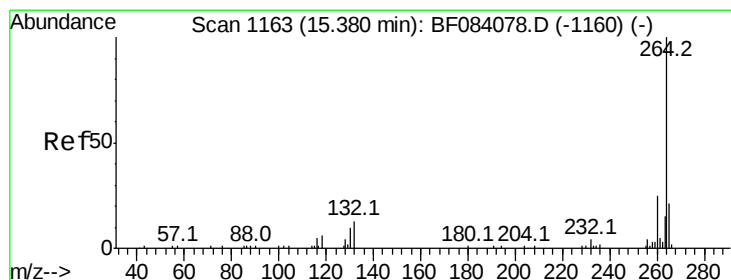
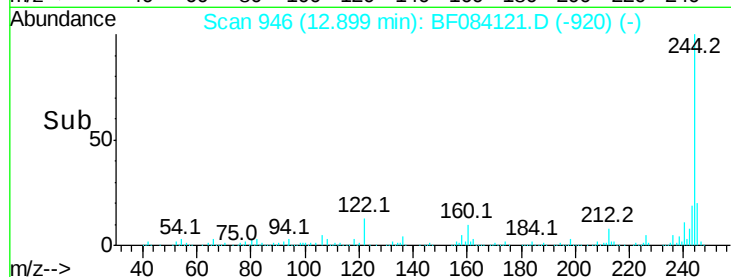
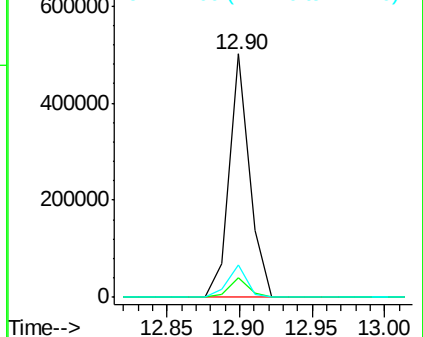
122 13.4 7.4 11.0#



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: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

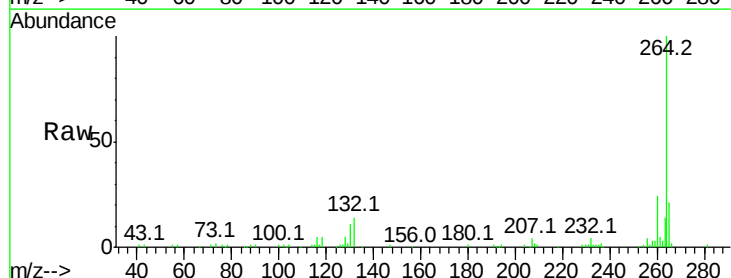
Tgt Ion:264 Resp: 99497

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.2 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

