

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084092.D
 Acq On : 24 Dec 2015 21:26
 Operator : UM/SJ
 Sample : PB87153BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Quant Time: Dec 28 16:23:48 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	53259	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	200980	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	100962	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	187301	20.00	ng	0.00
75) Chrysene-d12	13.95	240	154090	20.00	ng	-0.01
86) Perylene-d12	15.37	264	112045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	300295	95.59	ng	0.00
7) Phenol-d6	6.45	99	403821	103.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	217028	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	106517	98.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	504197	68.33	ng	0.00
78) Terphenyl-d14	12.90	244	447083	52.50	ng	0.00

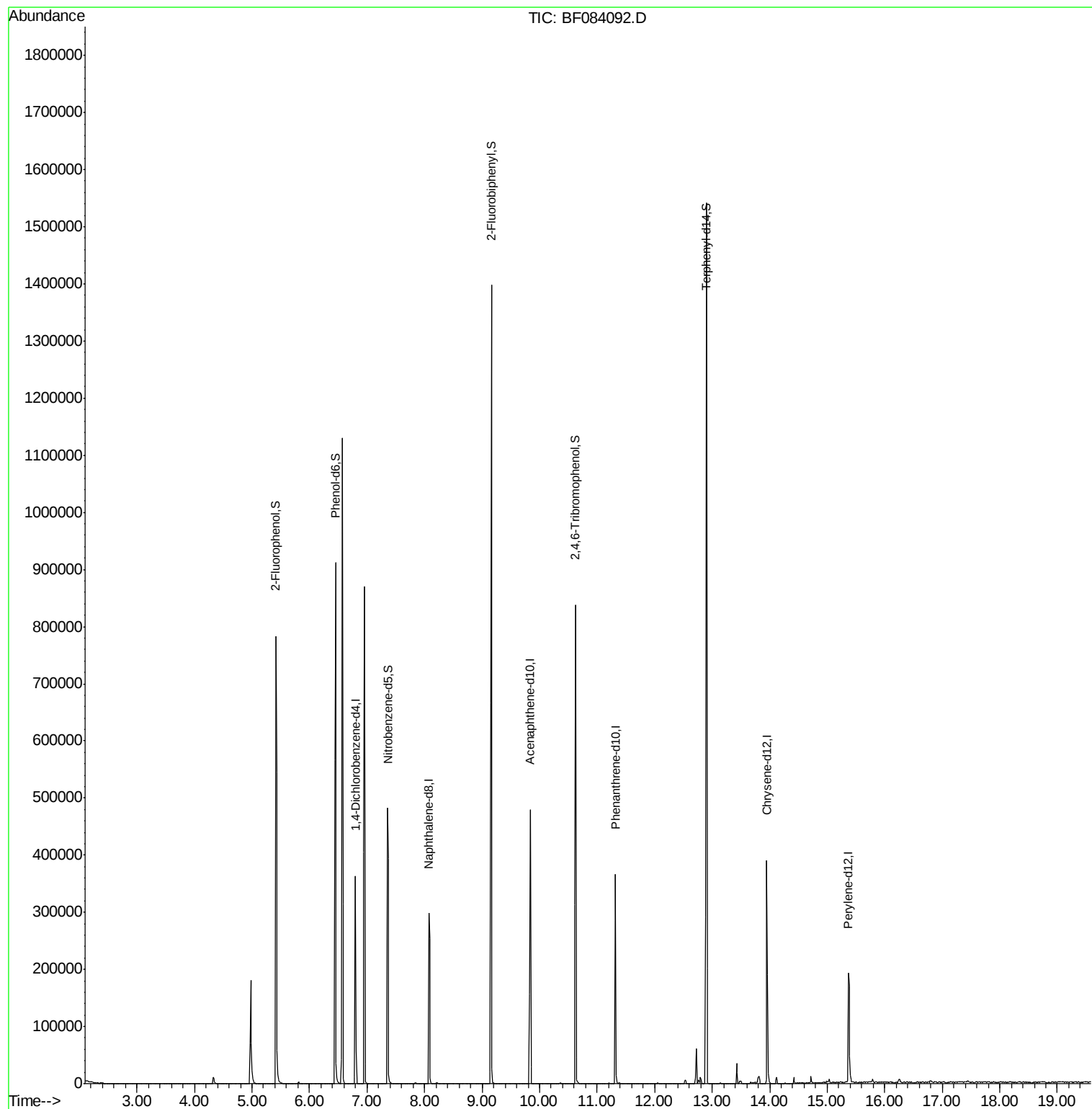
Target Compounds Qvalue

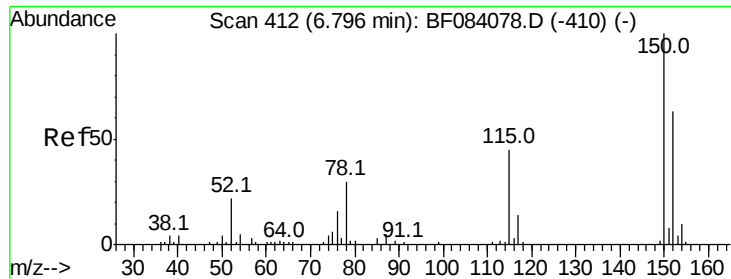
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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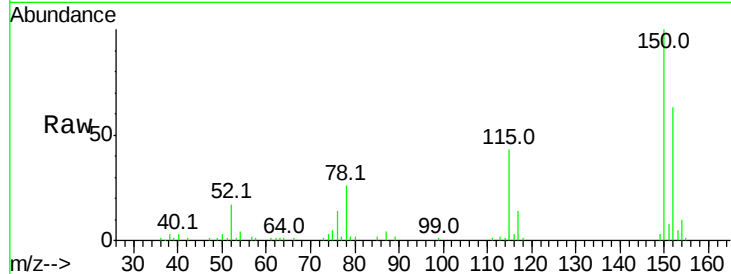


#1

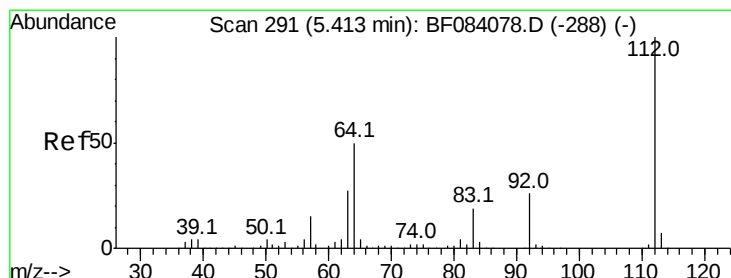
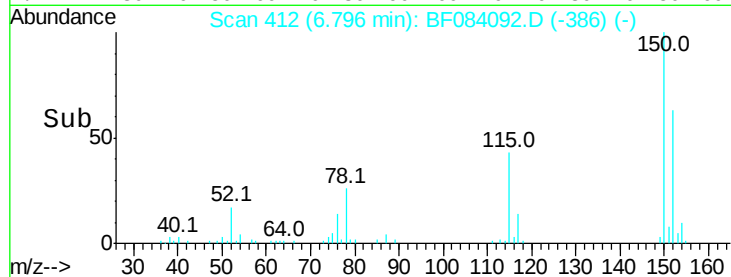
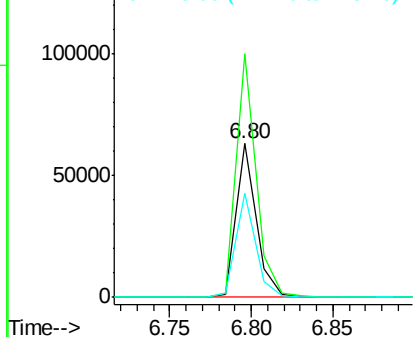
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Instrument :
BNA_F
ClientSampleId :
PB87153BL

Tot Ion:152 Resp: 53259
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.4
115 67.8 51.4 77.2



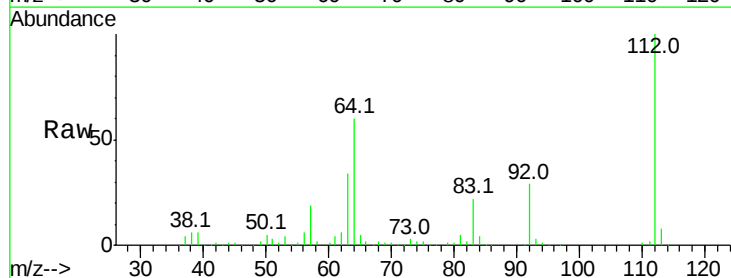
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



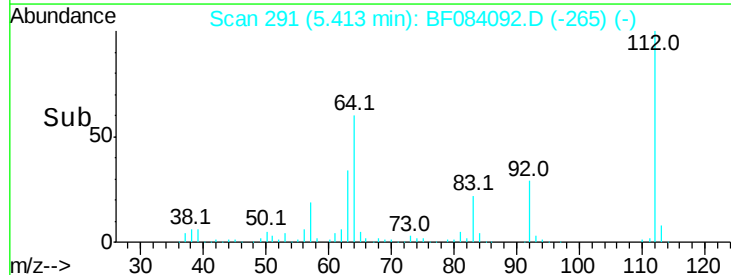
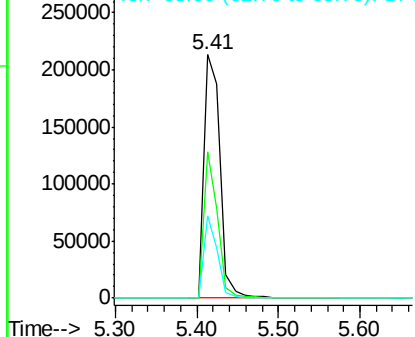
#5

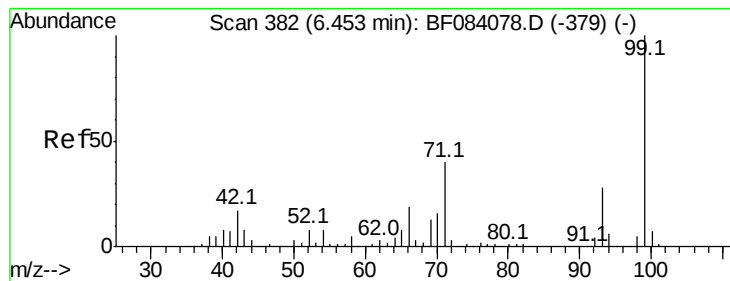
2-Fluorophenol
Concen: 95.59 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Tgt Ion:112 Resp: 300295
Ion Ratio Lower Upper
112 100
64 60.3 36.6 55.0#
63 33.9 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: 103.89 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

Instrument :

BNA_F

ClientSampleID :

PB87153BL

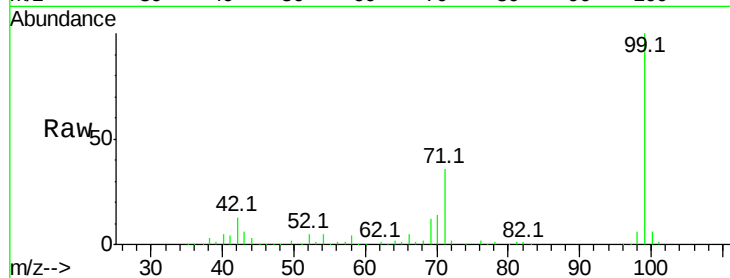
Tot Ion: 99 Resp: 403821

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

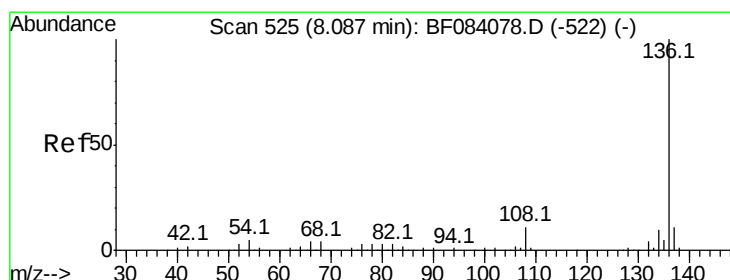
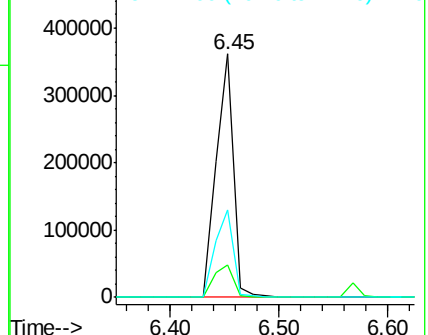
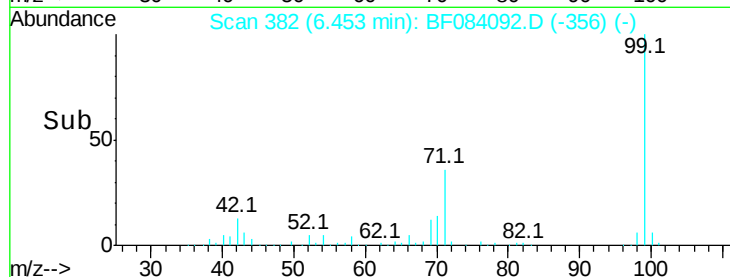
71 36.1 30.9 46.3



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084092.D

Acq: 24 Dec 2015 21:26

Tgt Ion: 136 Resp: 200980

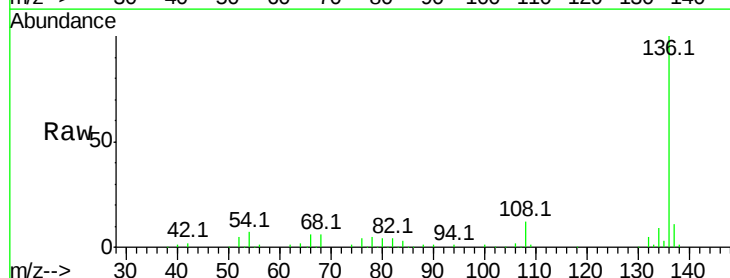
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 5.8 4.2 6.2

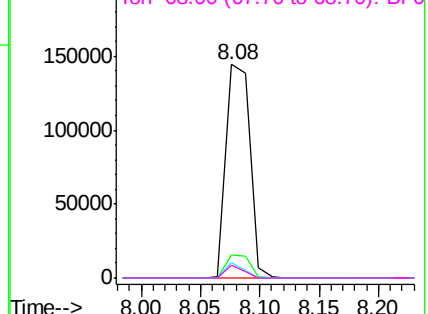
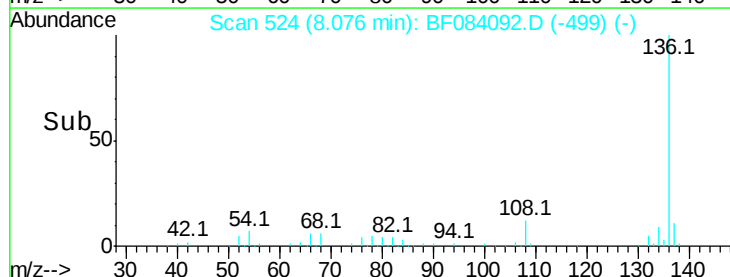


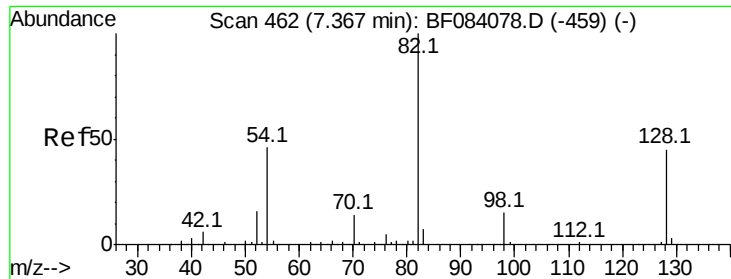
Abundance Ion 136.00 (135.70 to 136.70): E

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

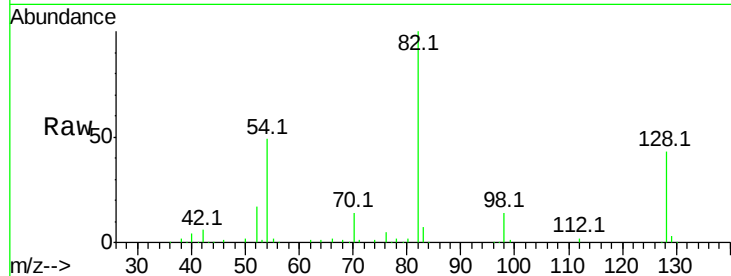




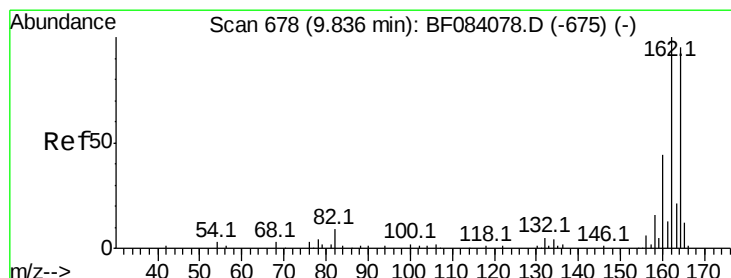
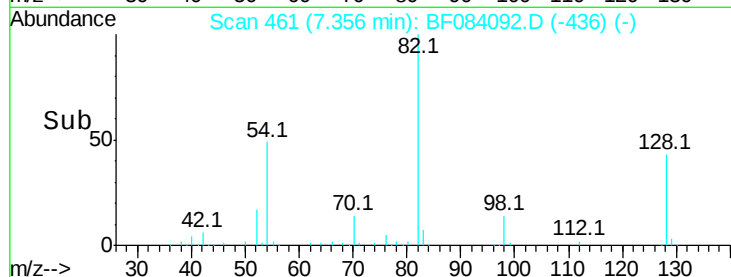
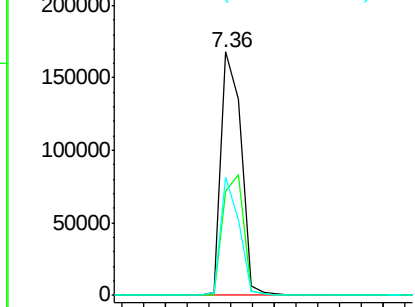
#23
Nitrobenzene-d5
Concen: 63.21 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Instrument :
BNA_F
ClientSampleId :
PB87153BL

Tot Ion: 82 Resp: 217028
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 48.5 38.4 57.6

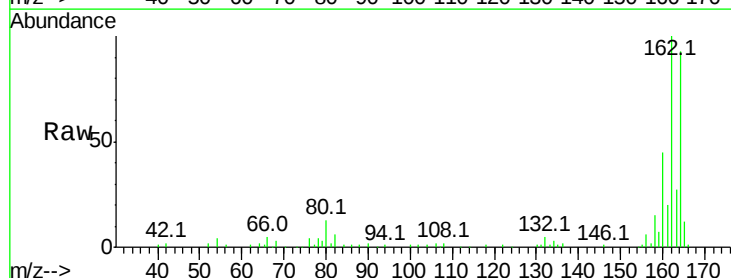


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

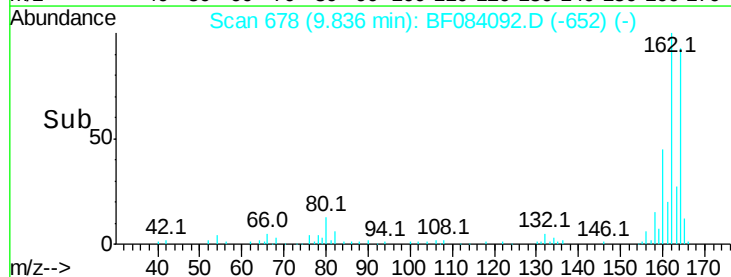
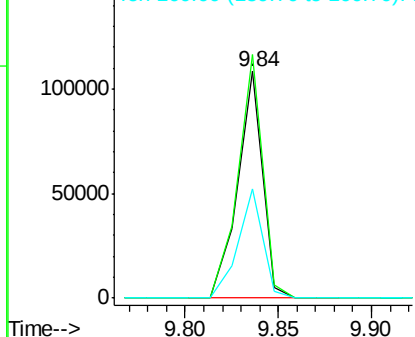


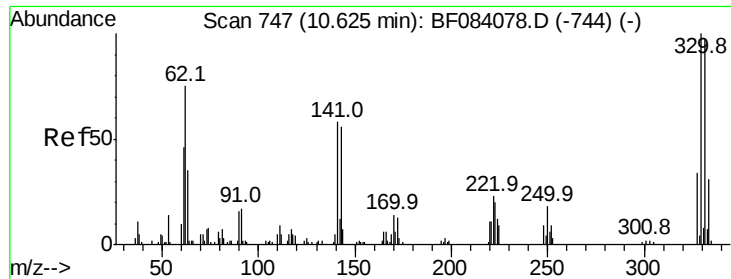
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Tgt Ion:164 Resp: 100962
Ion Ratio Lower Upper
164 100
162 107.3 85.1 127.7
160 48.0 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

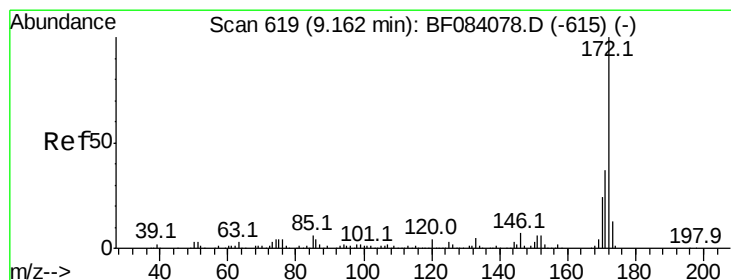
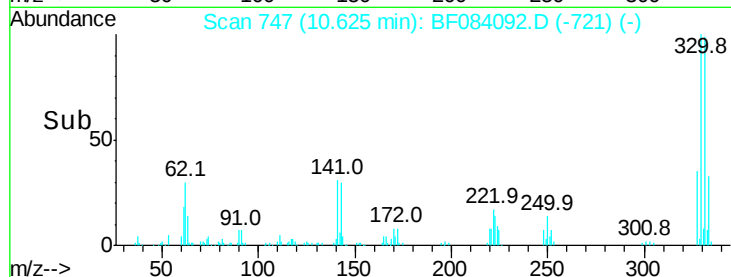
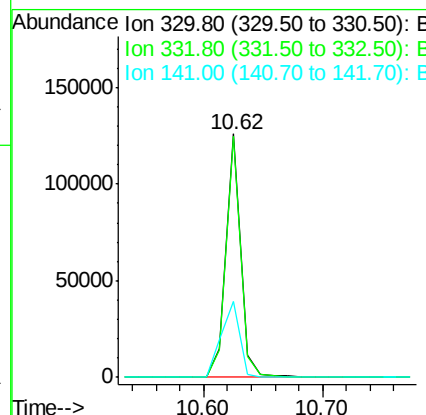
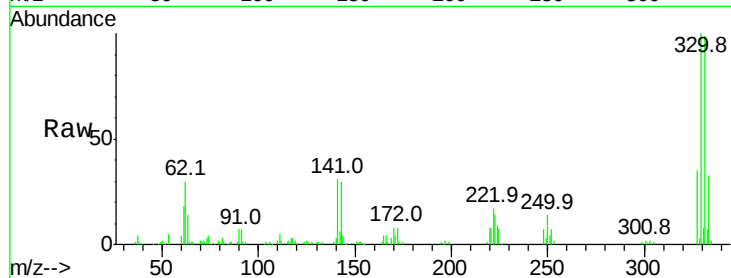




#41
 2,4,6-Tribromophenol
 Concen: 98.93 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

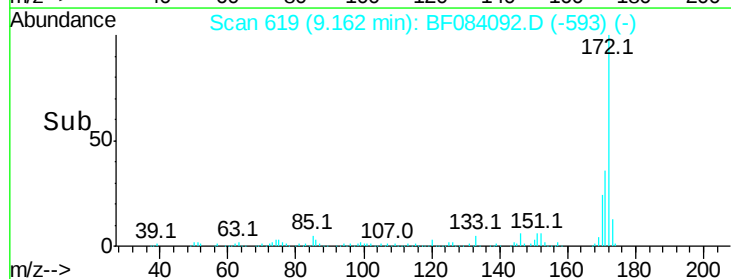
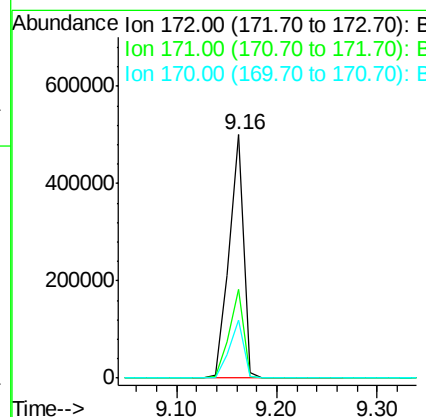
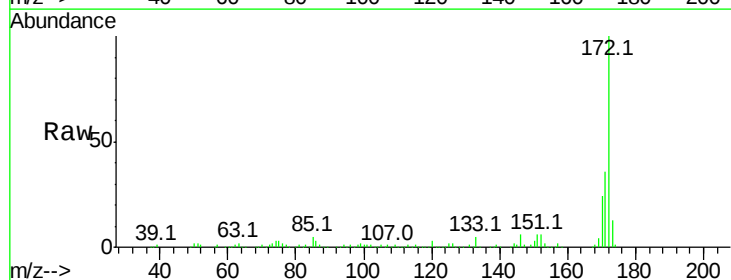
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

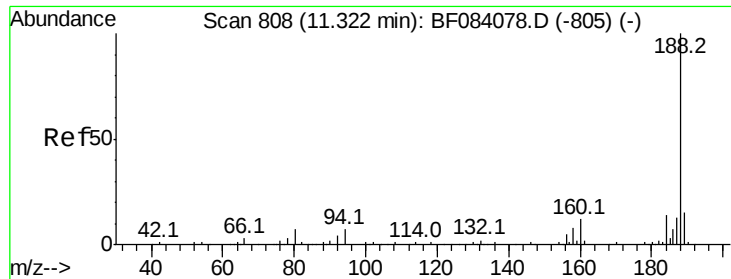
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	39.6	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 68.33 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.1	18.6	27.8

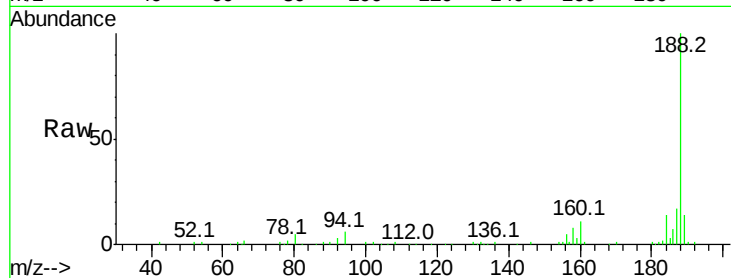




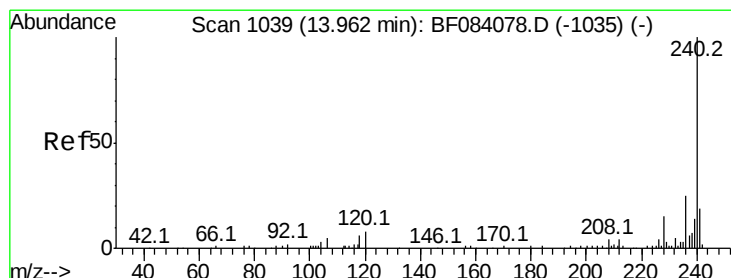
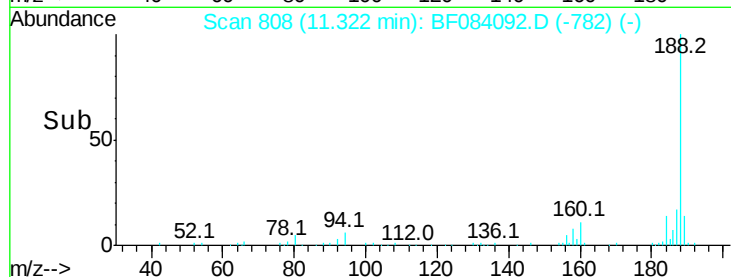
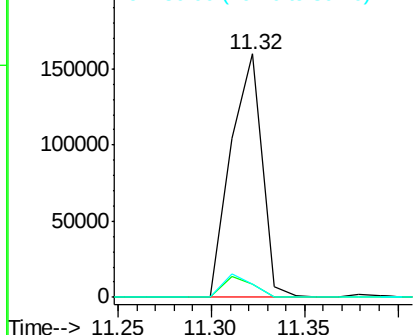
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Instrument :
BNA_F
ClientSampleId :
PB87153BL

Tot Ion:188 Resp: 187301
Ion Ratio Lower Upper
188 100
94 5.6 9.0 13.4#
80 5.4 9.6 14.4#

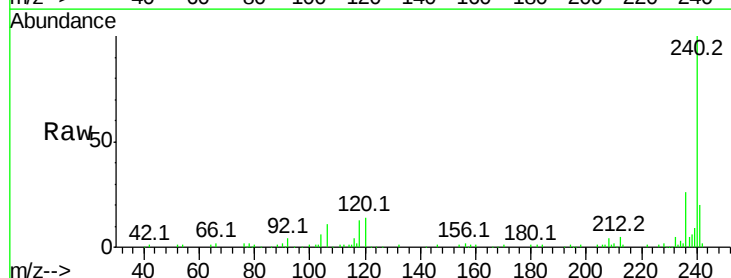


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

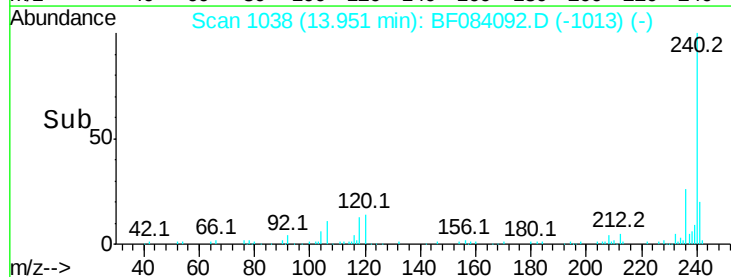
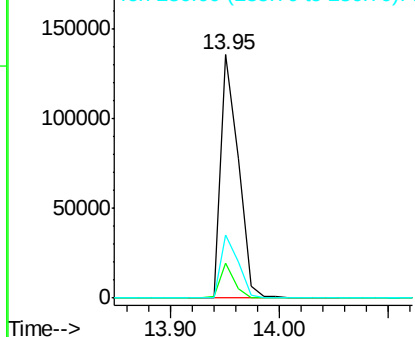


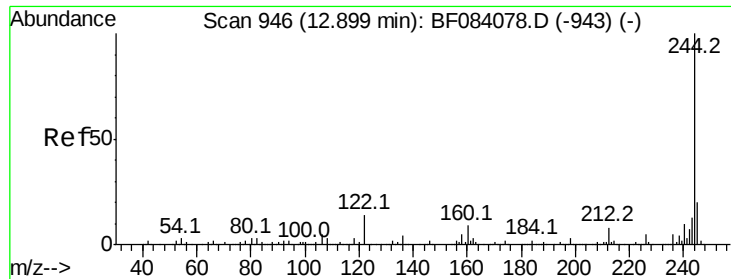
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084092.D
Acq: 24 Dec 2015 21:26

Tgt Ion:240 Resp: 154090
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.0 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

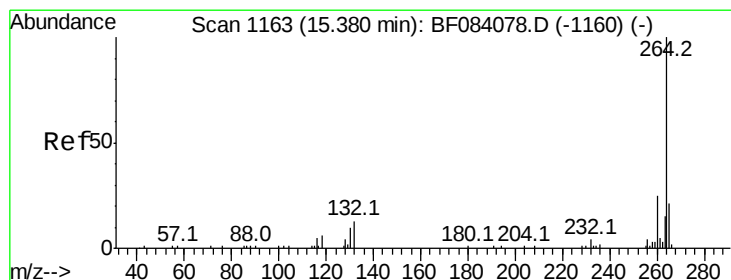
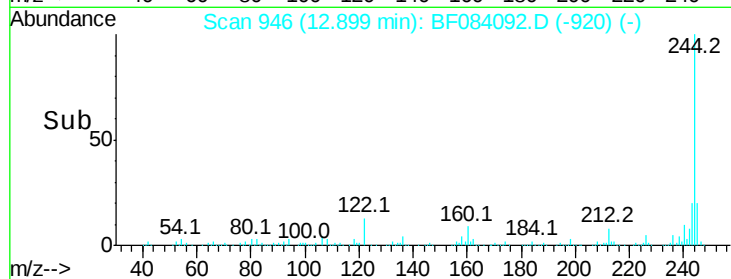
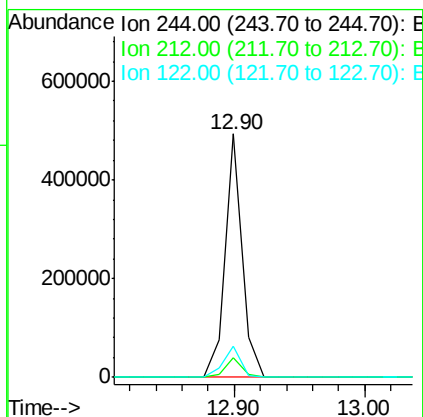
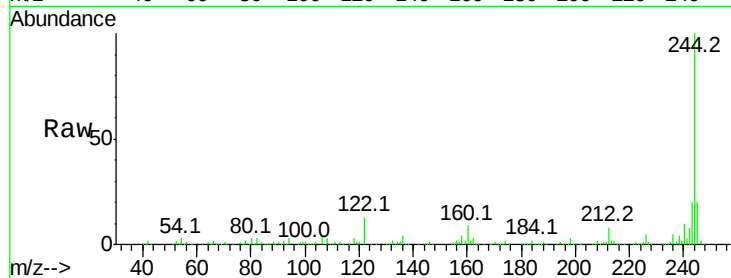




#78
 Terphenyl-d14
 Concen: 52.50 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BL

Tot Ion:244 Resp: 447083
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF084092.D
 Acq: 24 Dec 2015 21:26

Tgt Ion:264 Resp: 112045
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.2 17.8 26.6

