

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084090.D
 Acq On : 24 Dec 2015 20:29
 Operator : UM/SJ
 Sample : PB87543BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Quant Time: Dec 25 04:28:40 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	47229	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	179805	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89909	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166830	20.00	ng	0.00
75) Chrysene-d12	13.95	240	139555	20.00	ng	-0.01
86) Perylene-d12	15.38	264	101863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	304023	109.14	ng	0.01
7) Phenol-d6	6.45	99	395261	114.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	215041	70.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	102465	106.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	487529	74.19	ng	0.00
78) Terphenyl-d14	12.90	244	433363	56.19	ng	0.00

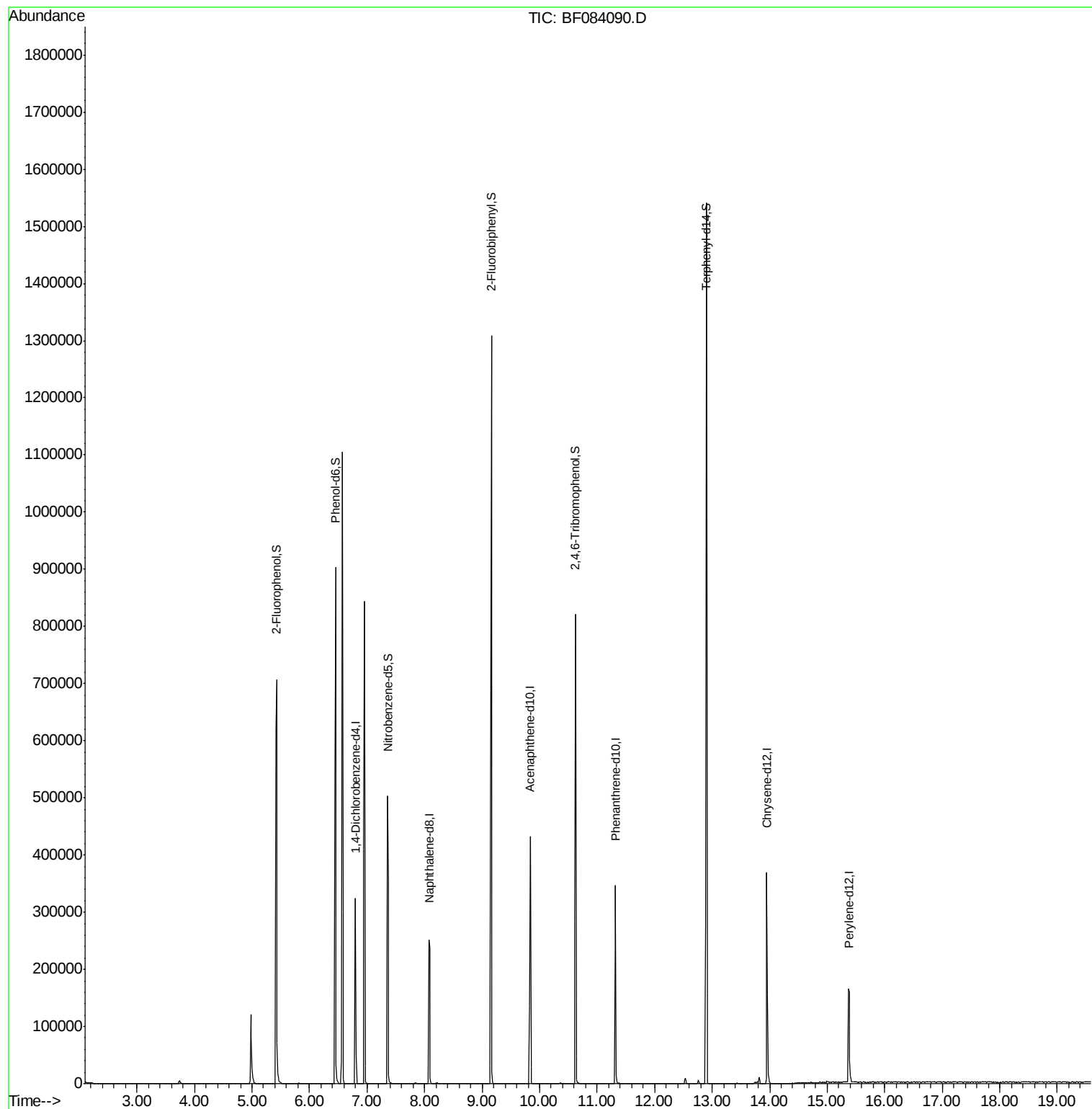
Target Compounds Qvalue

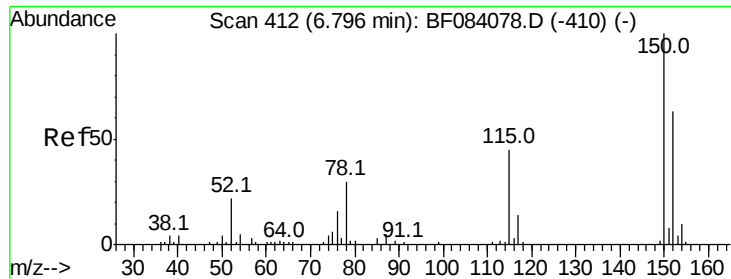
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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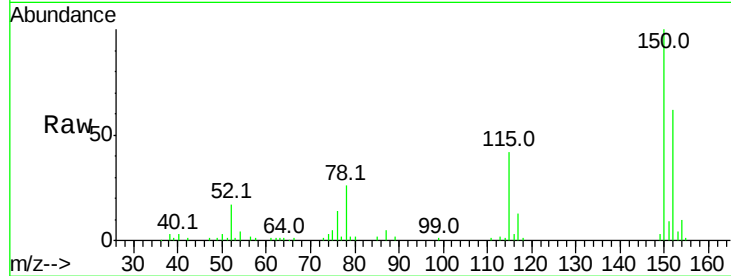


#1

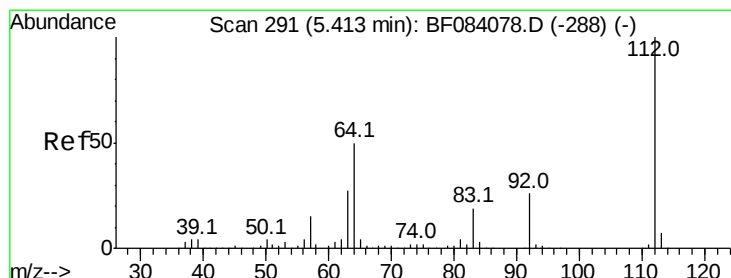
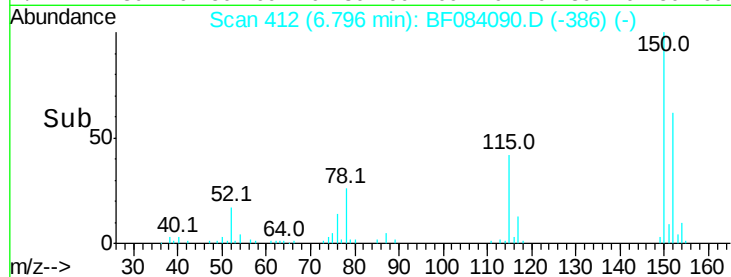
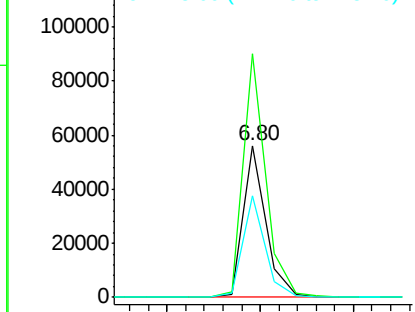
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
PB87543BL

Tot Ion:152 Resp: 47229
Ion Ratio Lower Upper
152 100
150 160.6 123.0 184.4
115 67.2 51.4 77.2



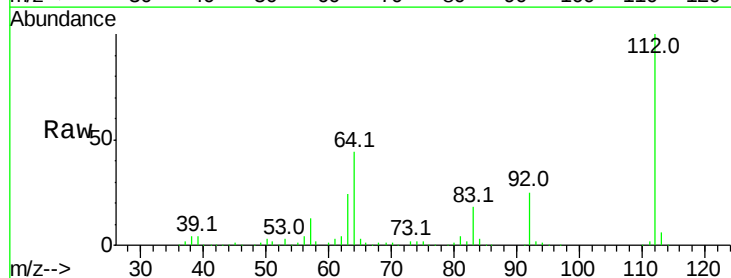
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



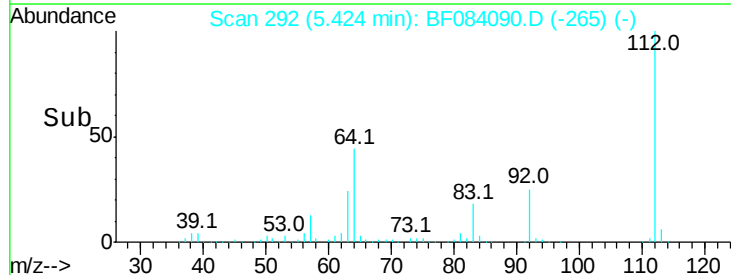
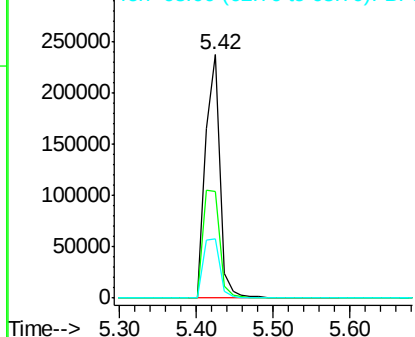
#5

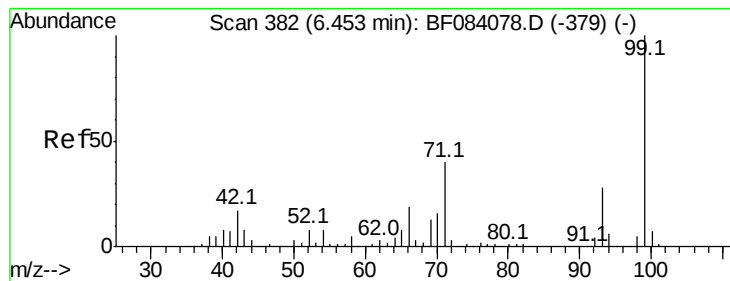
2-Fluorophenol
Concen: 109.14 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Tgt Ion:112 Resp: 304023
Ion Ratio Lower Upper
112 100
64 43.7 36.6 55.0
63 24.4 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: 114.67 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

PB87543BL

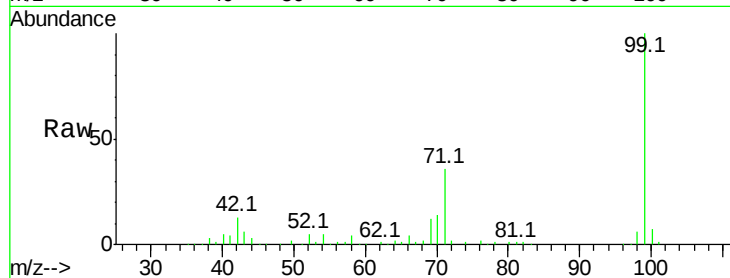
Tot Ion: 99 Resp: 395261

Ion Ratio Lower Upper

99 100

42 13.2 12.8 19.2

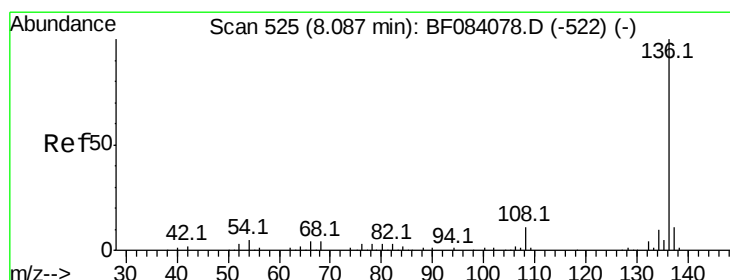
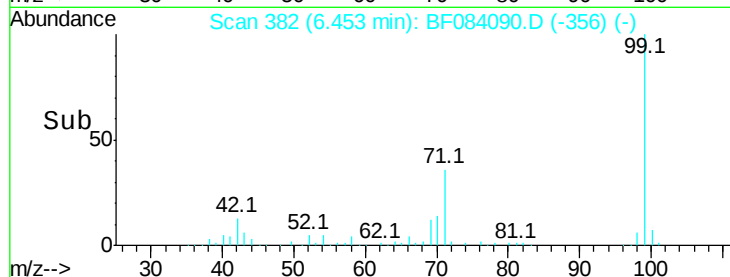
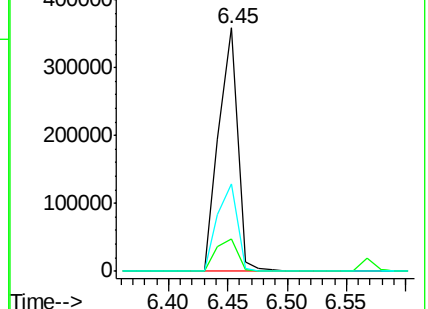
71 36.0 30.9 46.3



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: BF084090.D

Acq: 24 Dec 2015 20:29

Tgt Ion:136 Resp: 179805

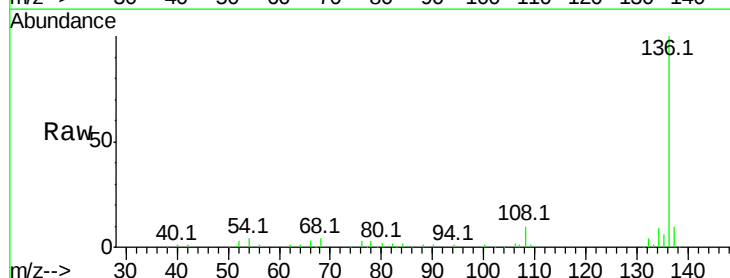
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.2 5.8 8.8#

68 3.7 4.2 6.2#

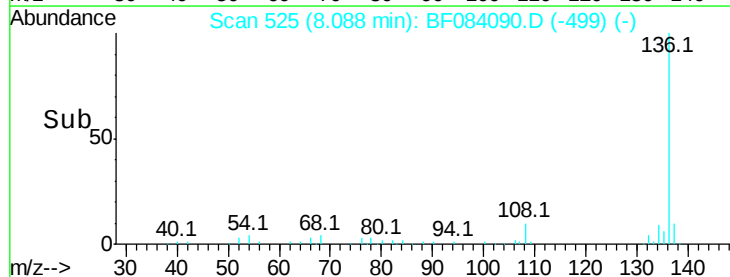
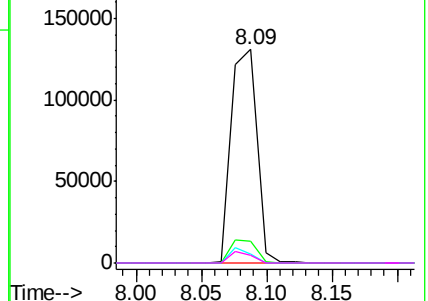


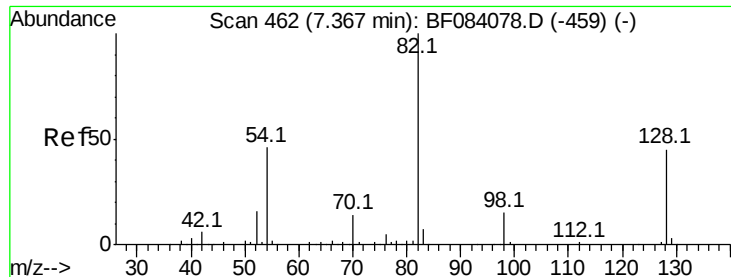
Abundance Ion 136.00 (135.70 to 136.70): E

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

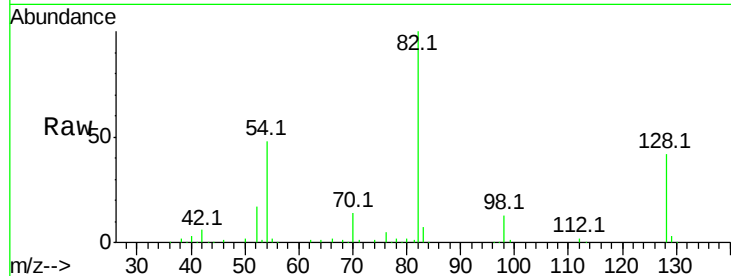




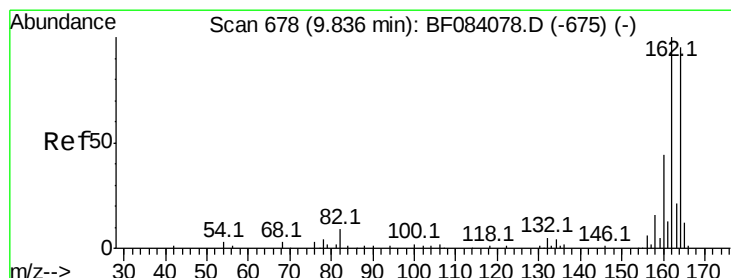
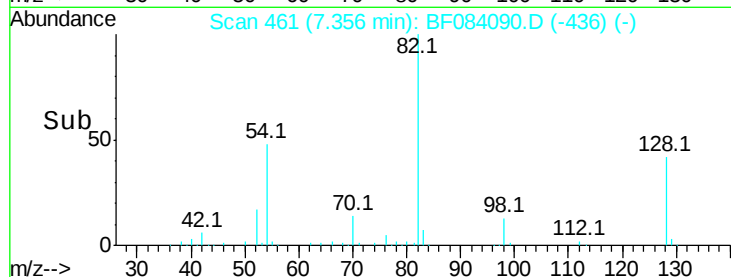
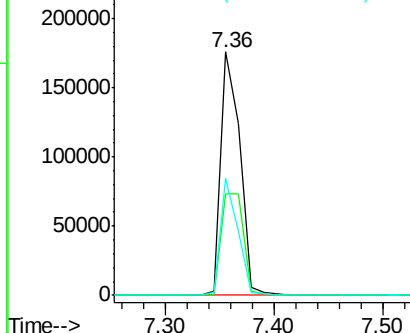
#23
Nitrobenzene-d5
Concen: 70.01 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Instrument :
BNA_F
ClientSampleId :
PB87543BL

Tot Ion: 82 Resp: 215041
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 48.3 38.4 57.6

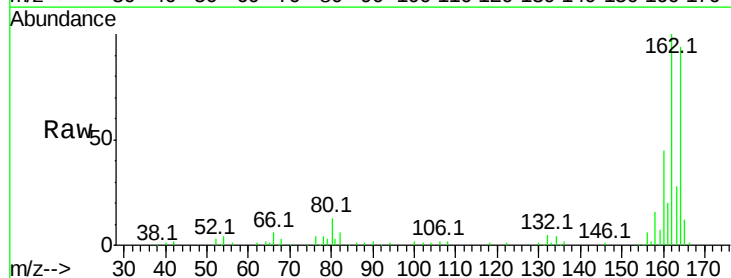


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

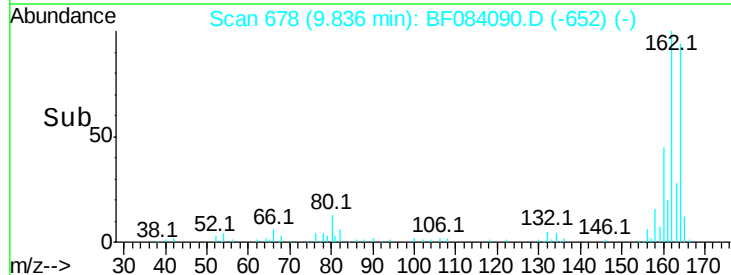
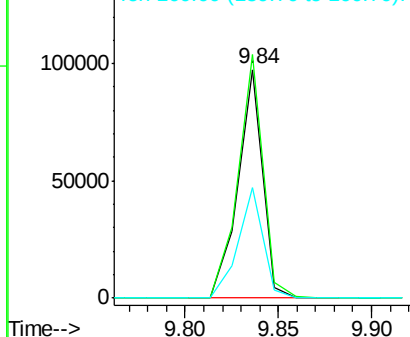


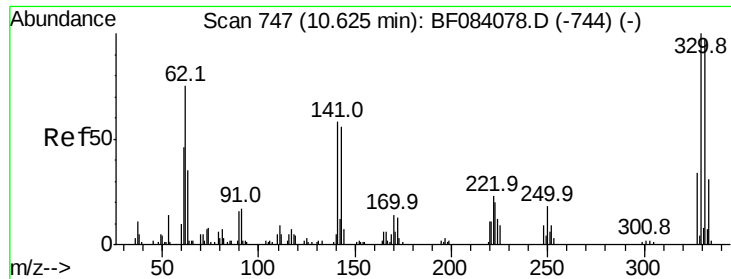
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084090.D
Acq: 24 Dec 2015 20:29

Tgt Ion:164 Resp: 89909
Ion Ratio Lower Upper
164 100
162 106.5 85.1 127.7
160 48.4 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

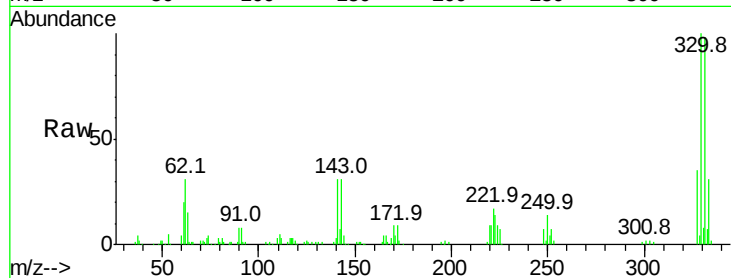




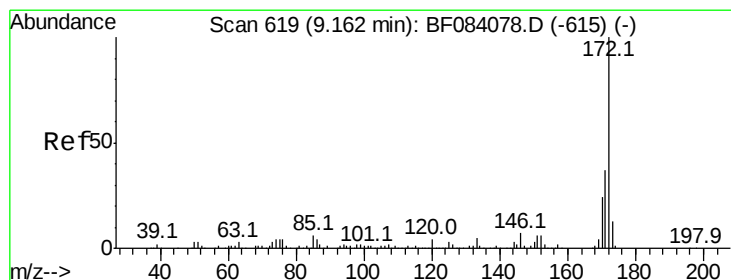
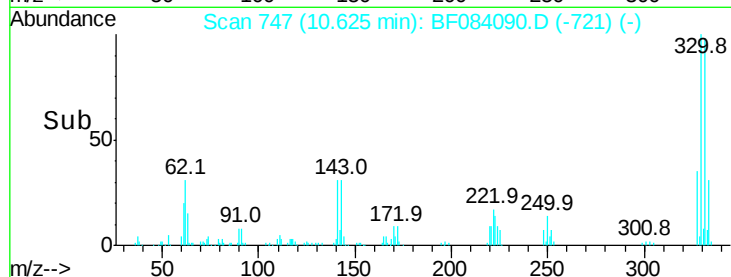
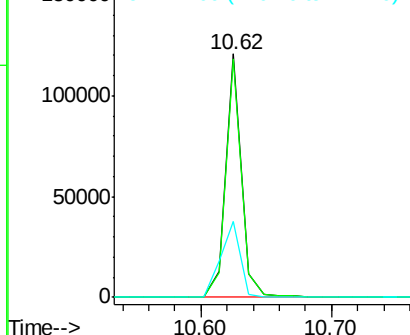
#41
 2,4,6-Tribromophenol
 Concen: 106.87 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Tot Ion:330 Resp: 102465
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 38.6 27.8 41.6

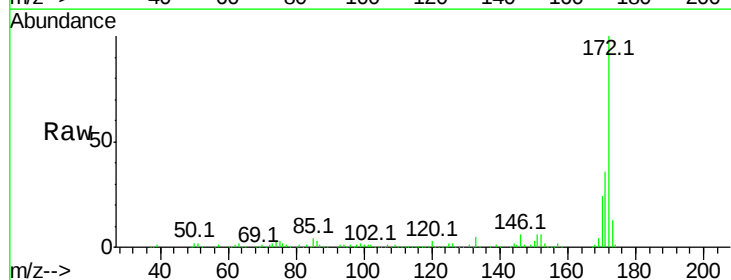


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

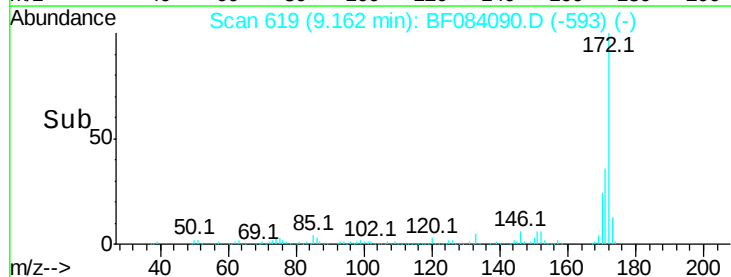
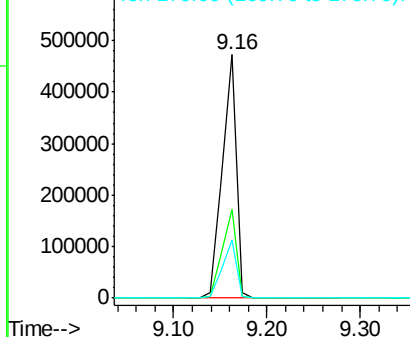


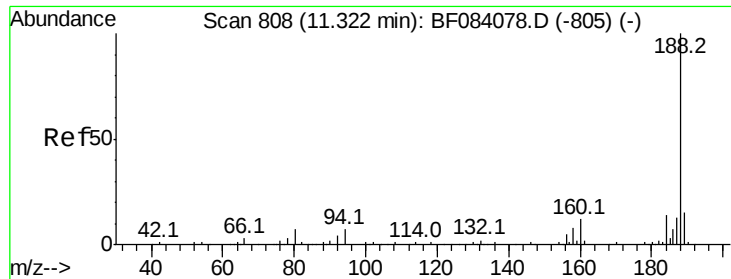
#44
 2-Fluorobiphenyl
 Concen: 74.19 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Tgt Ion:172 Resp: 487529
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.0 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

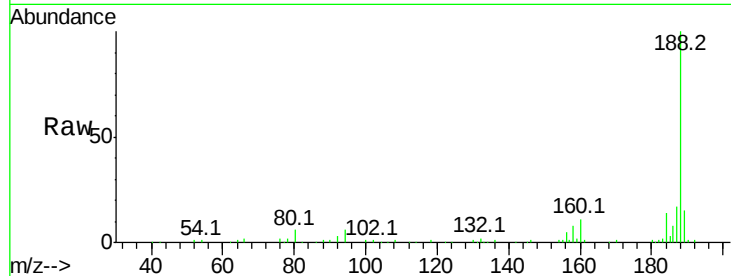




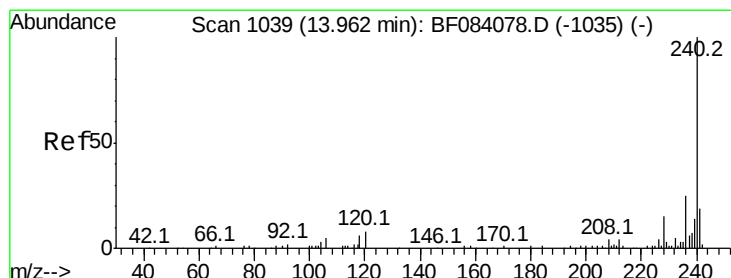
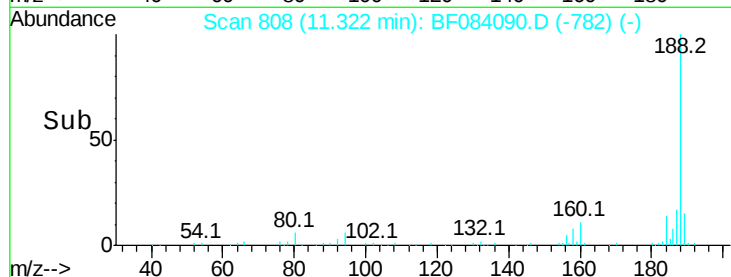
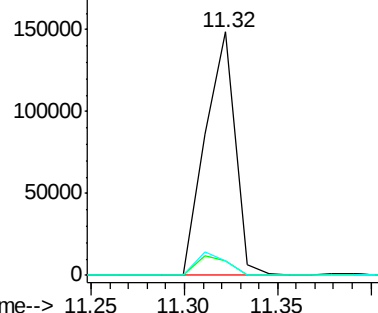
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	6.2	9.6	14.4#

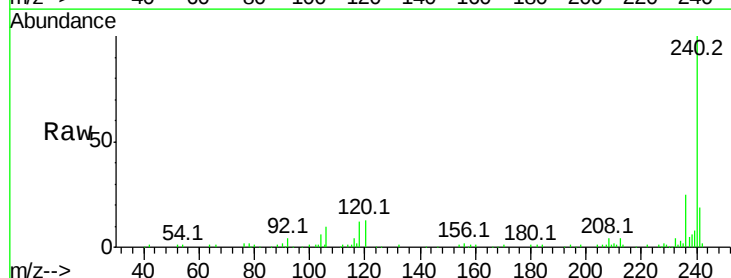


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

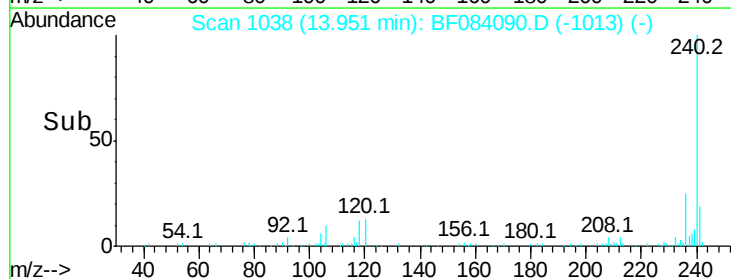
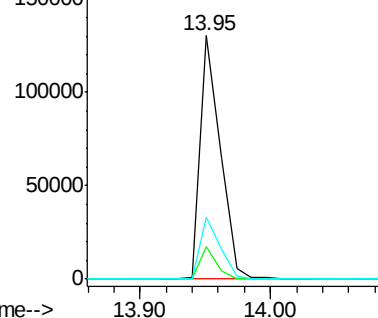


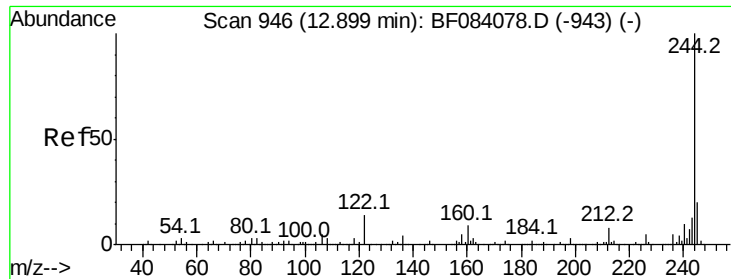
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084090.D
 Acq: 24 Dec 2015 20:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.2	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: 56.19 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084090.D

Acq: 24 Dec 2015 20:29

Instrument :

BNA_F

ClientSampleId :

PB87543BL

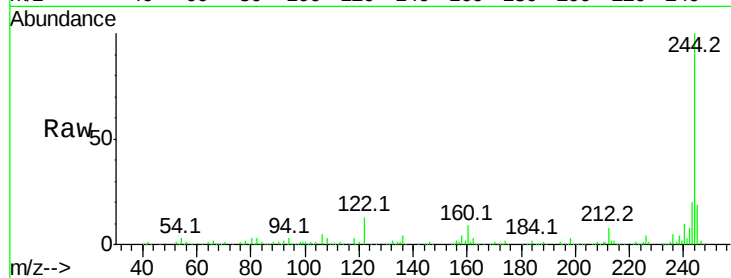
Tot Ion:244 Resp: 433363

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

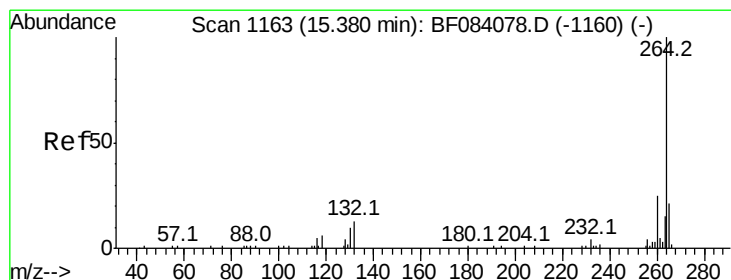
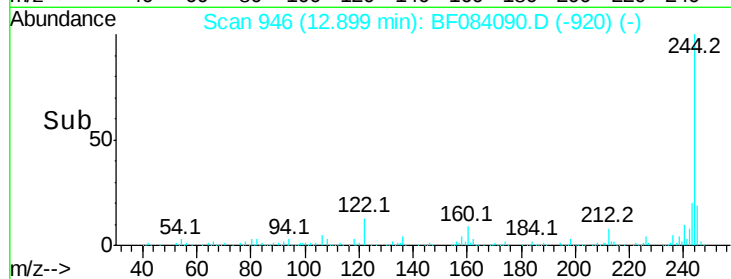
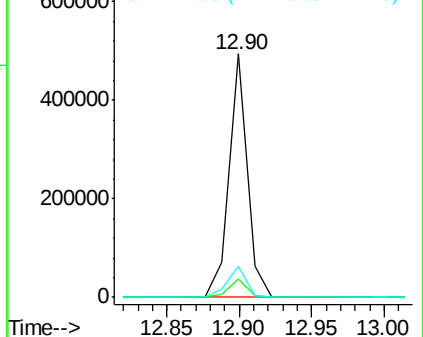
122 12.8 7.4 11.0#



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: BF084090.D

Acq: 24 Dec 2015 20:29

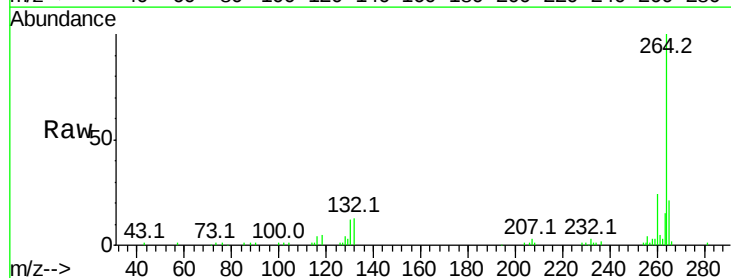
Tgt Ion:264 Resp: 101863

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.4 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

