

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084047.D
 Acq On : 23 Dec 2015 21:39
 Operator : UM/SJ
 Sample : PB87486BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BL

Quant Time: Dec 24 02:24:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49650	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	181469	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	93068	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	143244	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	88882	20.00	ng	-0.02
86) Perylene-d12	15.40	264	86524	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	248112	85.20	ng	0.00
7) Phenol-d6	6.46	99	289824	84.65	ng	-0.01
23) Nitrobenzene-d5	7.38	82	186433	63.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	63385	70.81	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	450037	65.08	ng	-0.01
78) Terphenyl-d14	12.92	244	282607	75.83	ng	-0.01

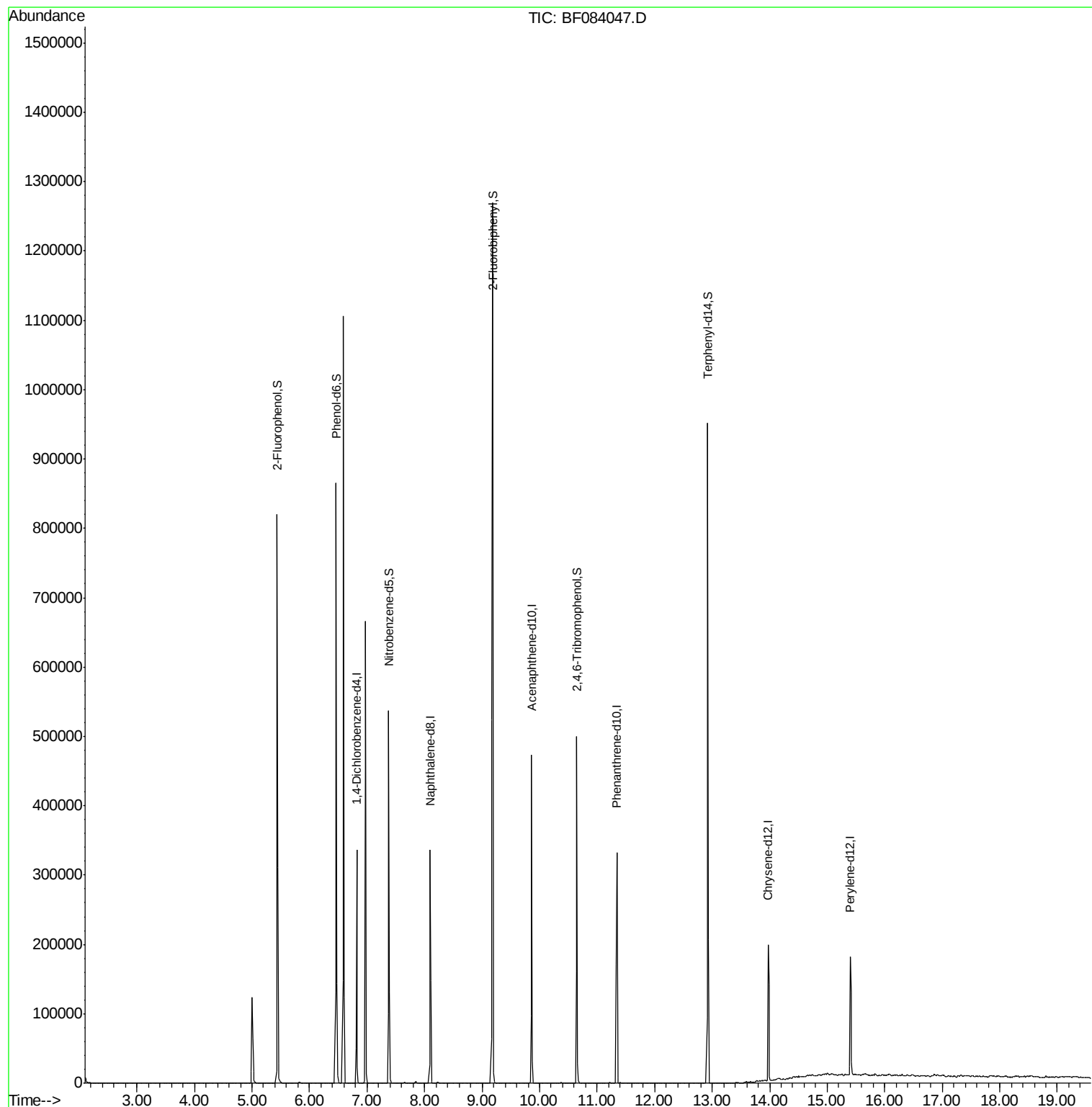
Target Compounds Qvalue

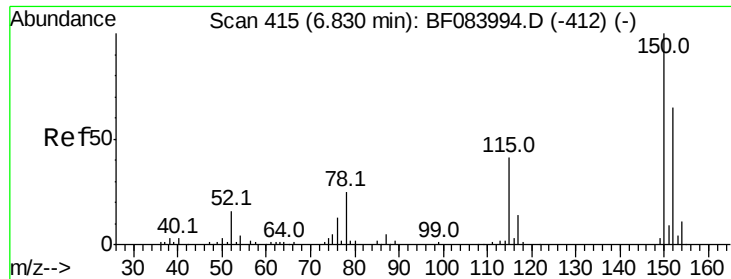
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB87486BL

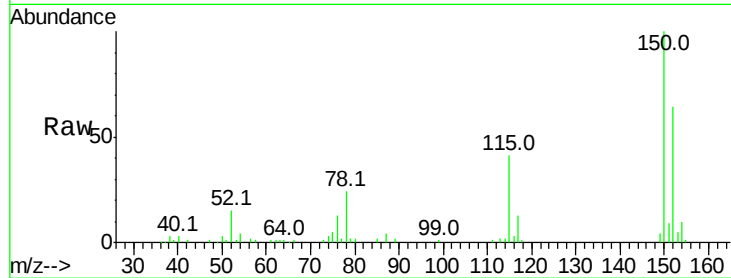
Tot Ion:152 Resp: 49650

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

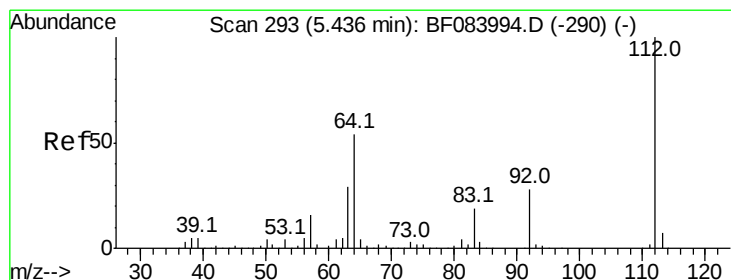
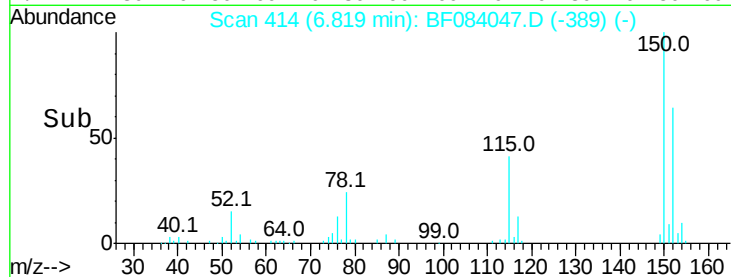
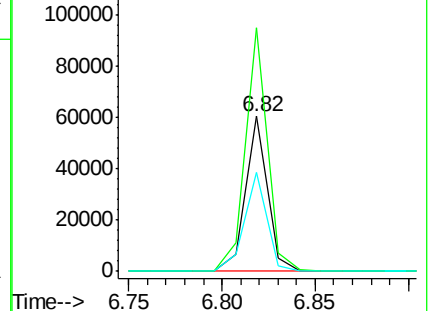
115 63.8 51.4 77.2



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: 85.20 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

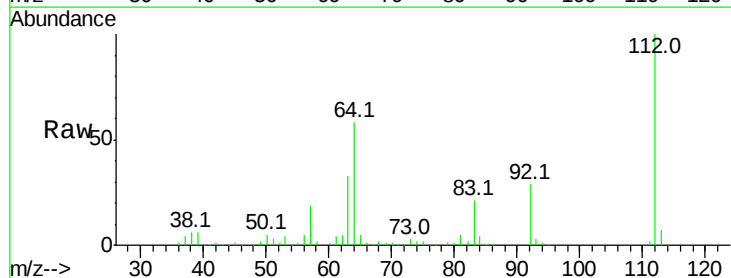
Tgt Ion:112 Resp: 248112

Ion Ratio Lower Upper

112 100

64 58.5 36.6 55.0#

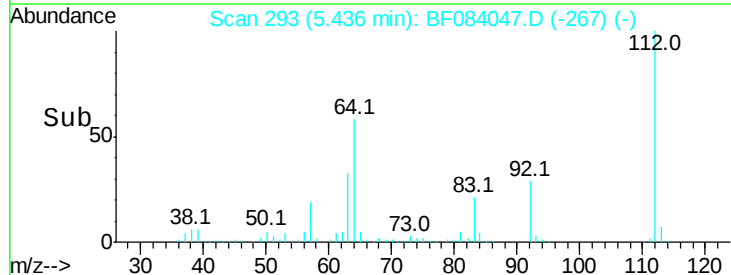
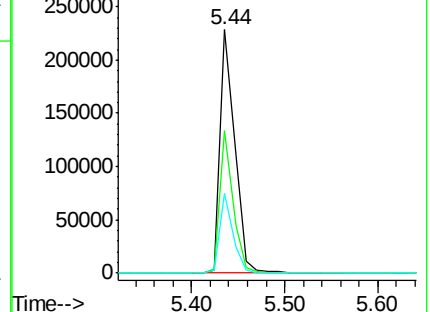
63 32.5 19.4 29.0#

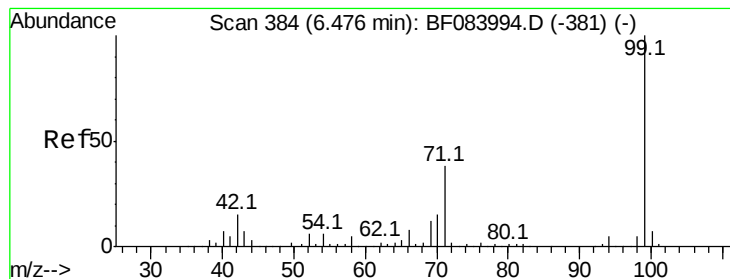


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.65 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

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ClientSampleId :

PB87486BL

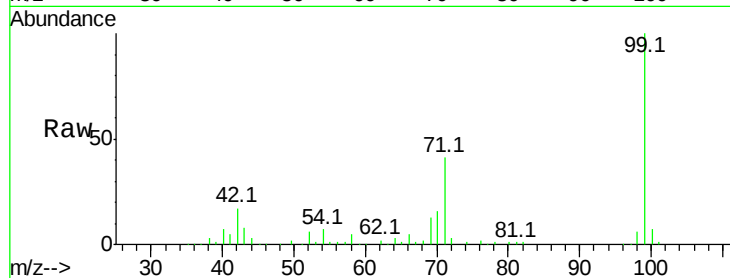
Tot Ion: 99 Resp: 289824

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

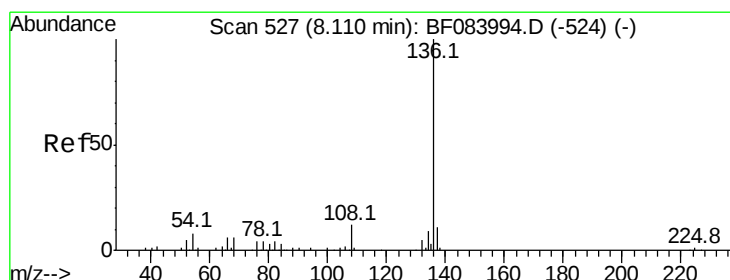
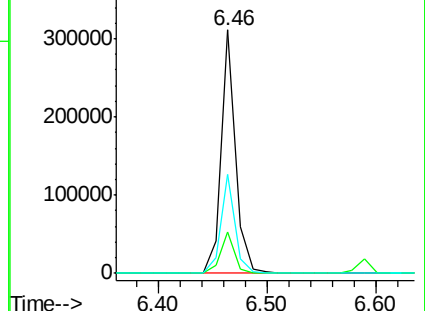
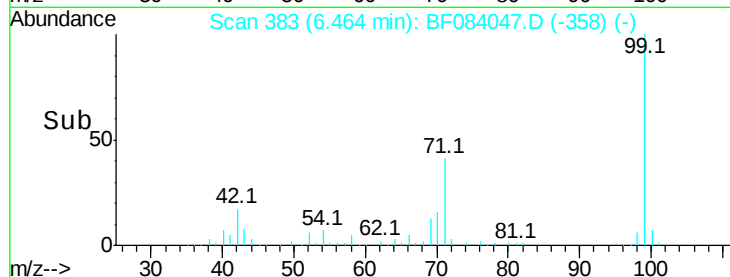
71 40.8 30.9 46.3



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Tgt Ion: 136 Resp: 181469

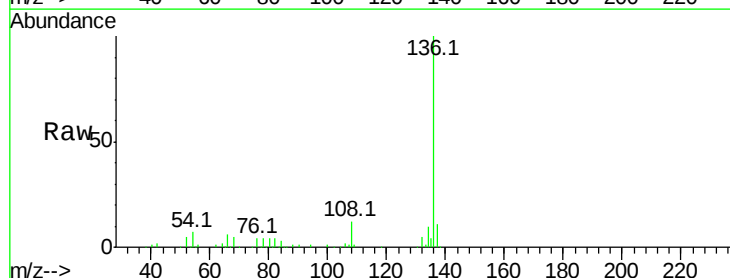
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.8 8.8

68 5.2 4.2 6.2

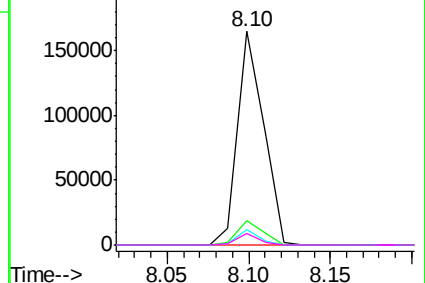
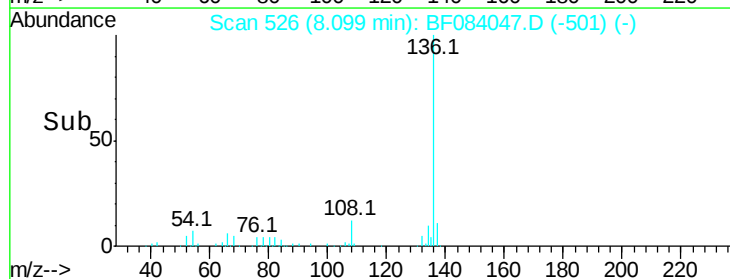


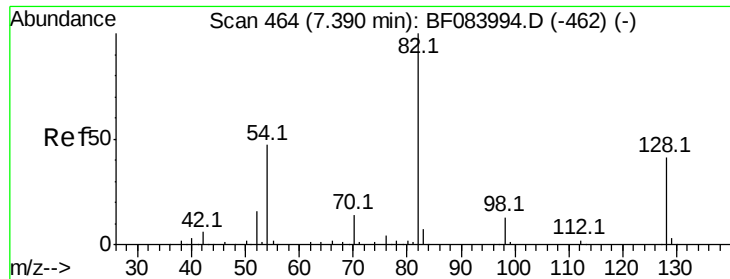
Abundance Ion 136.00 (135.70 to 136.70): E

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

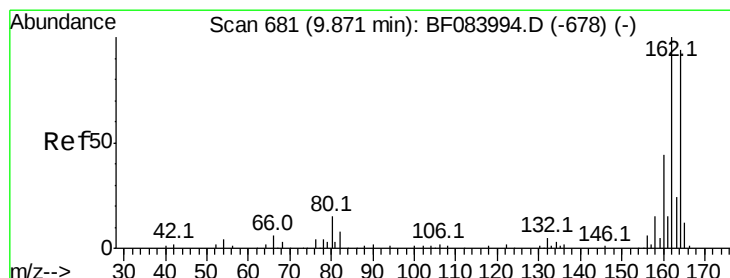
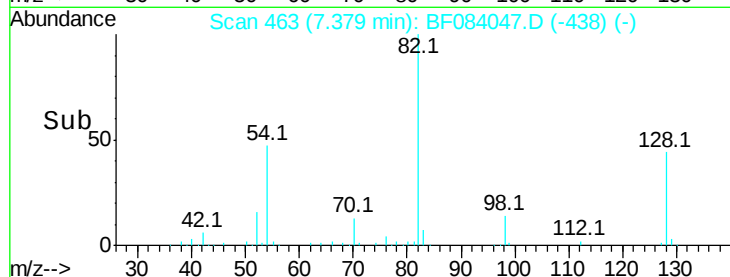
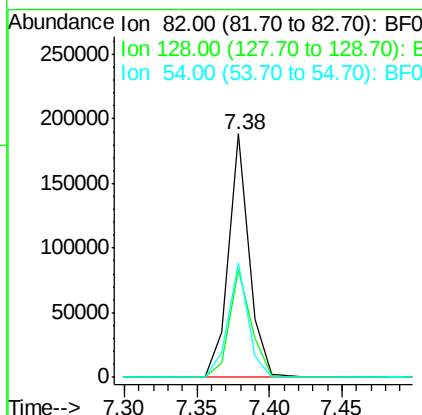
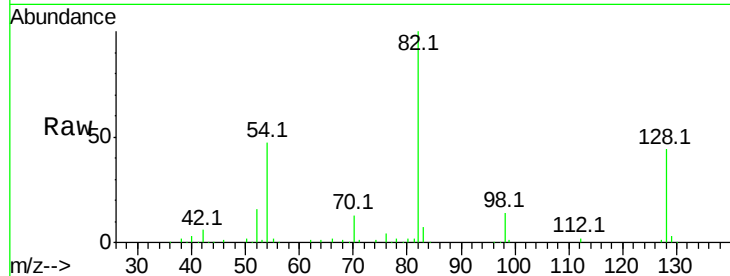




#23
 Nitrobenzene-d5
 Concen: 63.11 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

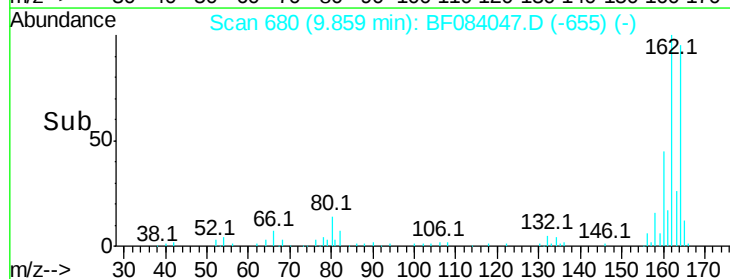
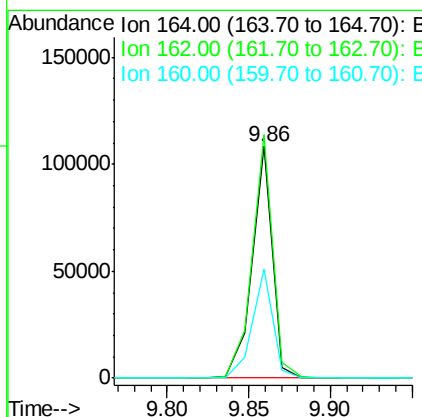
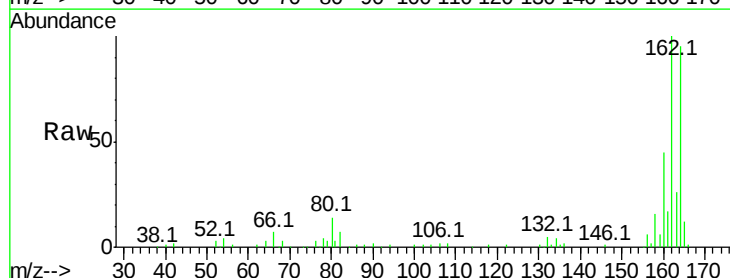
Instrument :
 BNA_F
 ClientSampleID :
 PB87486BL

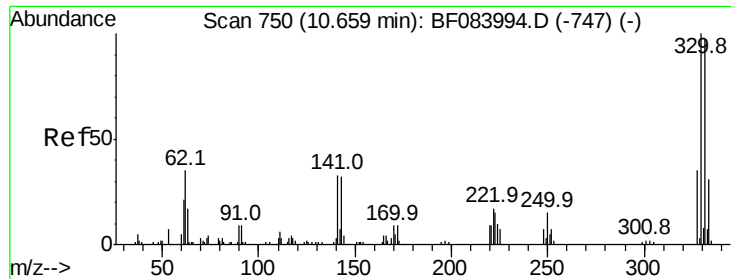
Tot Ion	82	Resp	186433
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	46.8		57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Tgt Ion	164	Resp	93068
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	105.0		56.3
160	47.2		

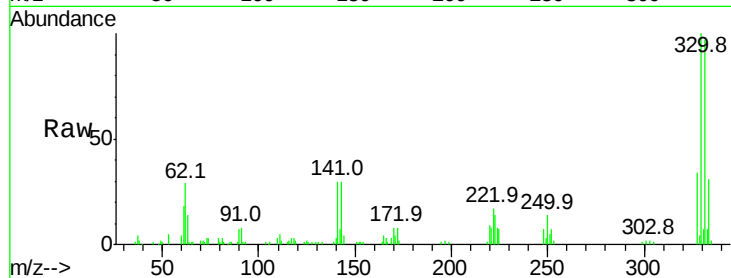




#41
 2,4,6-Tribromophenol
 Concen: 70.81 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87486BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	36.4	27.8	41.6

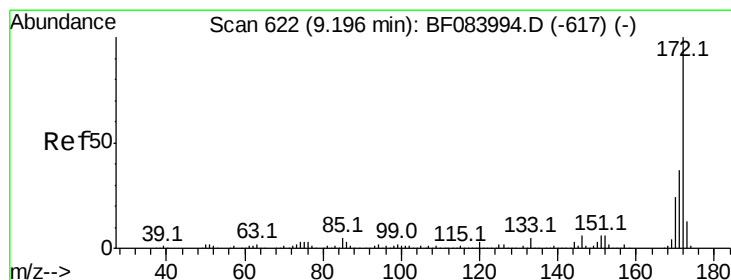
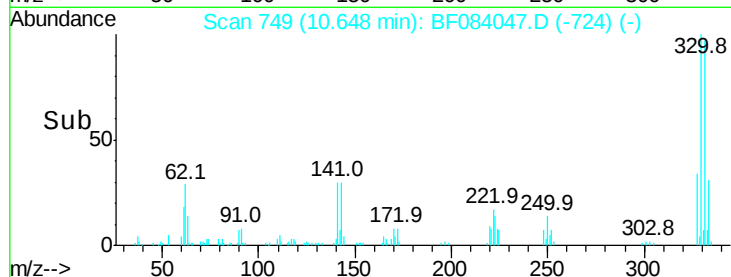
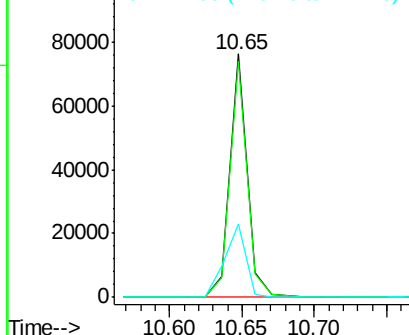


Abundance

Ion 329.80 (329.50 to 330.50): E

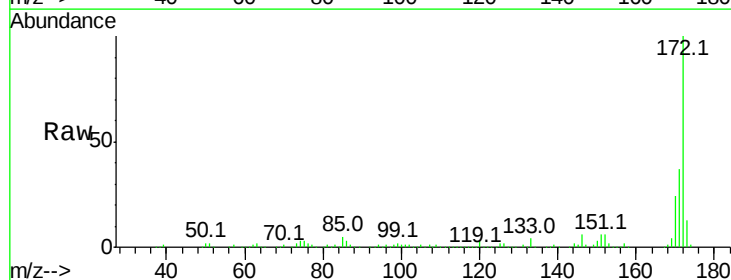
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.08 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084047.D
 Acq: 23 Dec 2015 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	23.6	18.6	27.8

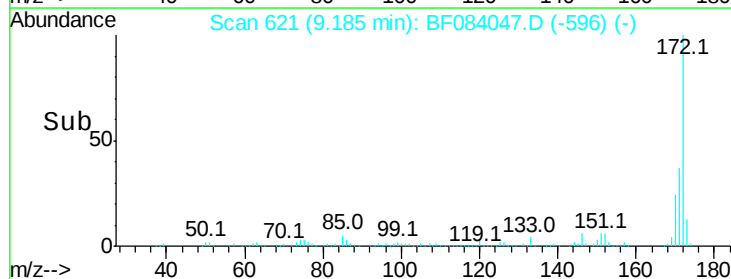
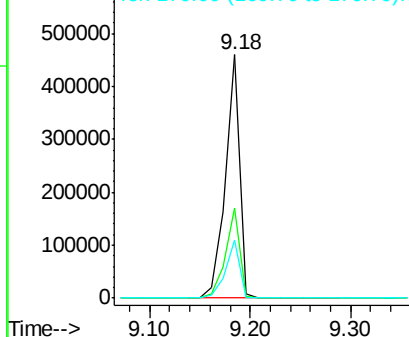


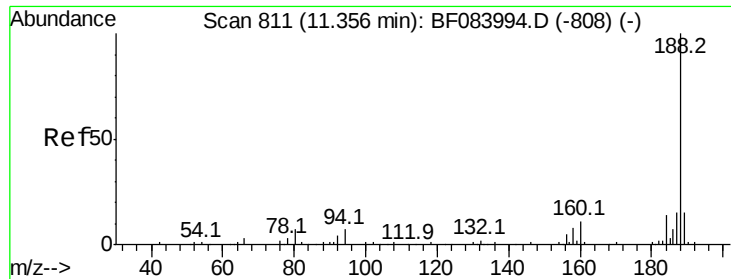
Abundance

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

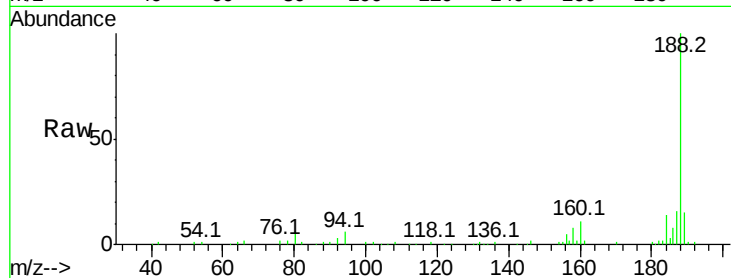




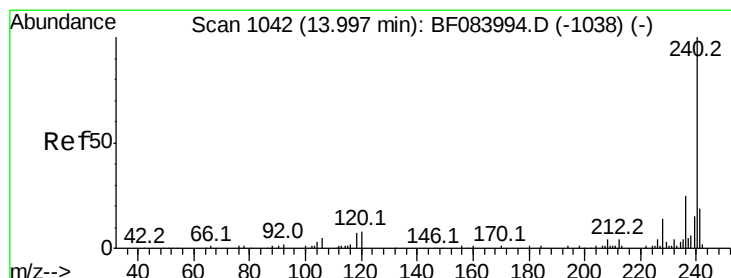
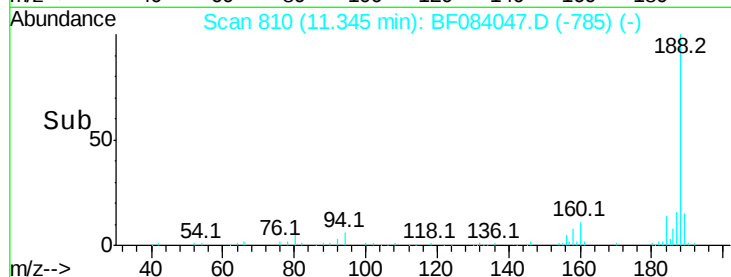
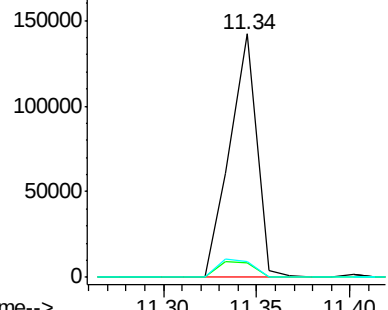
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Instrument :
BNA_F
ClientSampleId :
PB87486BL

Tot Ion:188 Resp: 143244
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.3 9.6 14.4#

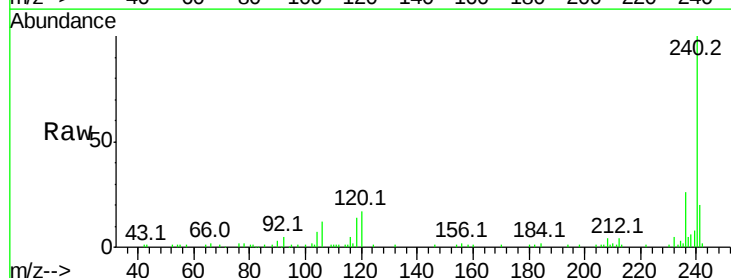


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

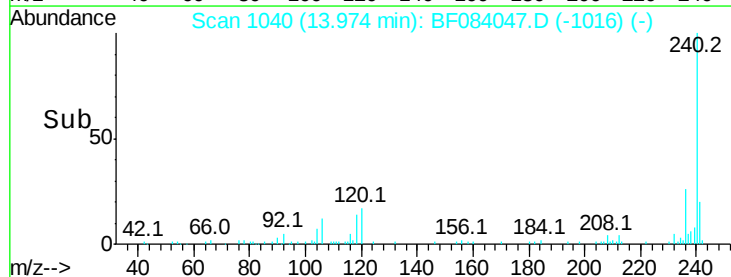
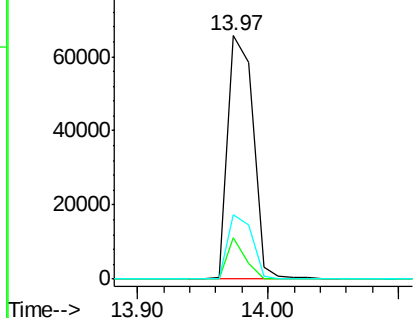


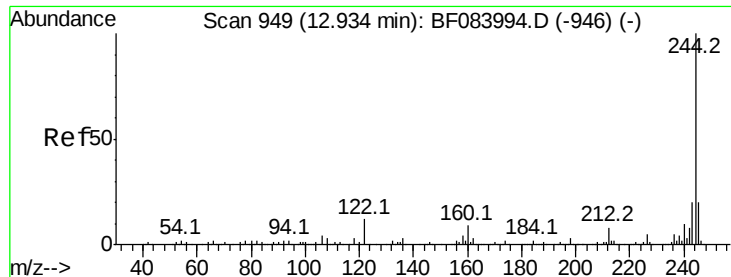
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF084047.D
Acq: 23 Dec 2015 21:39

Tgt Ion:240 Resp: 88882
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 26.4 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: 75.83 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

Instrument :

BNA_F

ClientSampleId :

PB87486BL

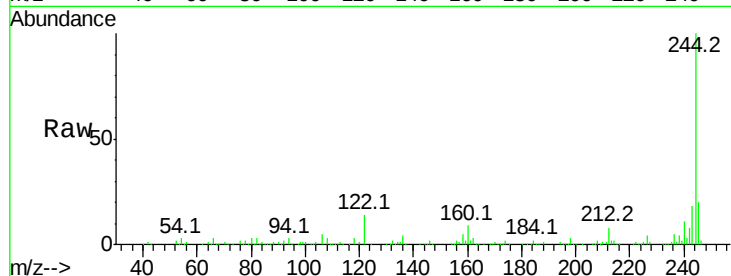
Tot Ion:244 Resp: 282607

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

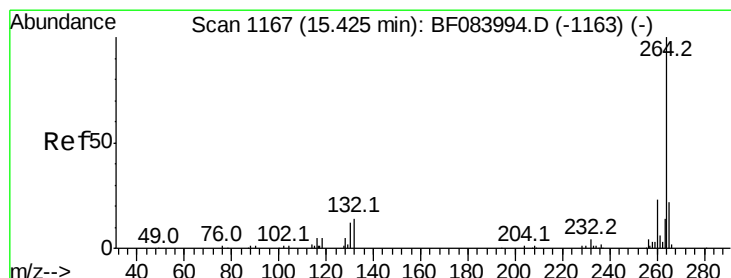
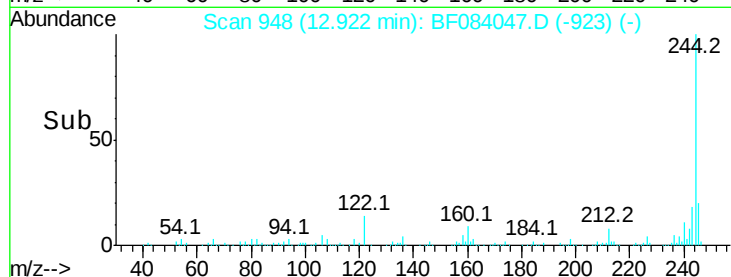
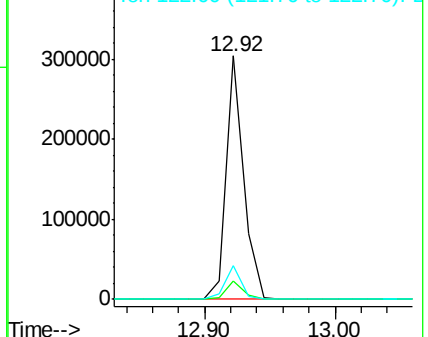
122 13.6 7.4 11.0#



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: 15.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF084047.D

Acq: 23 Dec 2015 21:39

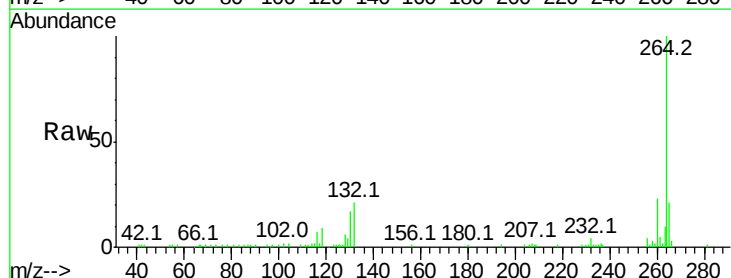
Tgt Ion:264 Resp: 86524

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 20.9 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

