

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084244.D
 Acq On : 4 Jan 2016 17:40
 Operator : UM/SJ
 Sample : PB87615BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BL

Quant Time: Jan 05 02:30:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278776	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1199080	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	527484	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	911002	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	619892	20.00	ng	-0.01
86) Perylene-d12	15.49	264	580560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1838133	106.65	ng	0.02
7) Phenol-d6	6.54	99	2417706	111.69	ng	0.01
23) Nitrobenzene-d5	7.46	82	1602170	74.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	601848	113.01	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2476149	82.38	ng	-0.01
78) Terphenyl-d14	13.00	244	1957327	70.48	ng	-0.01

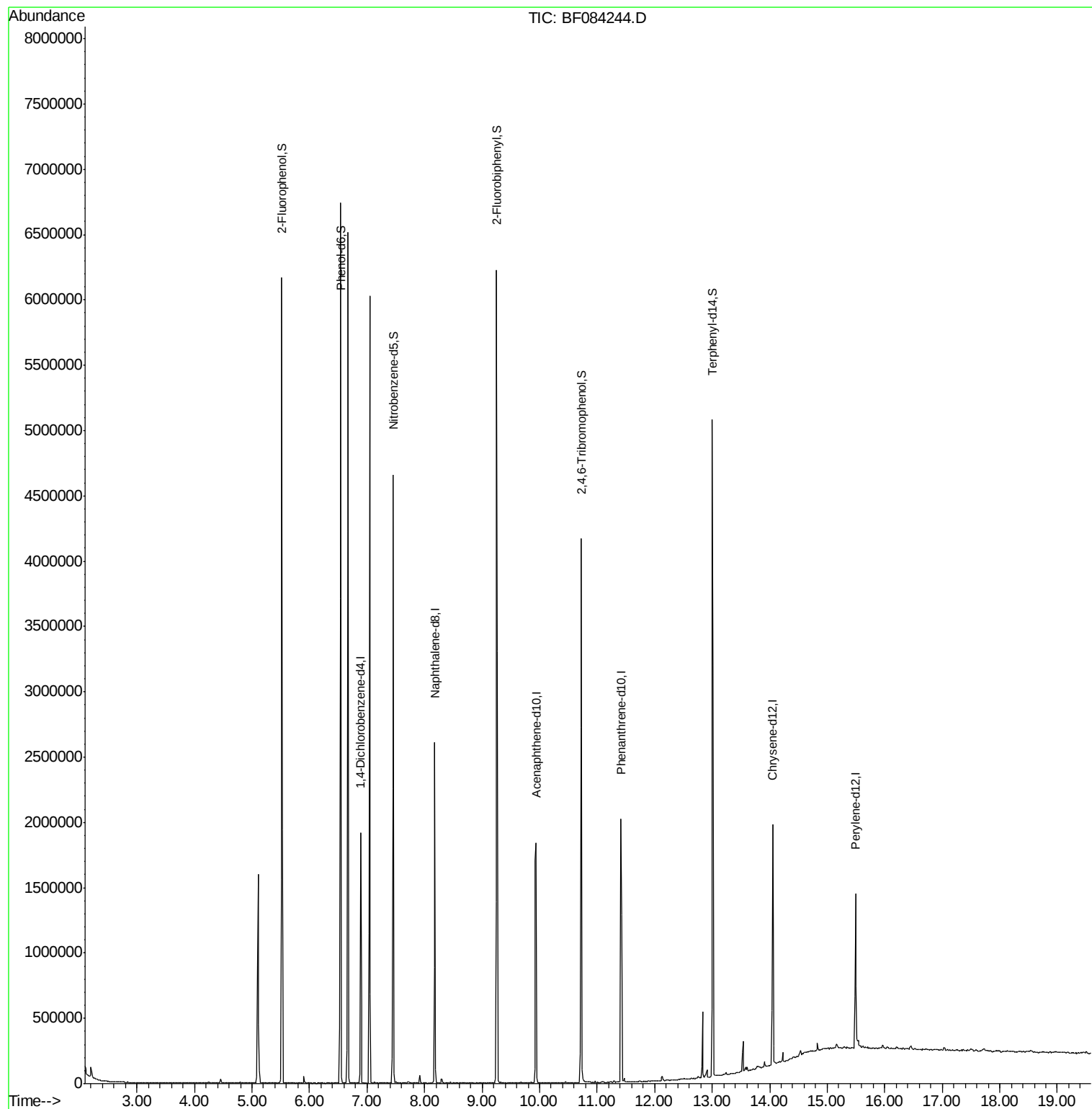
Target Compounds Qvalue

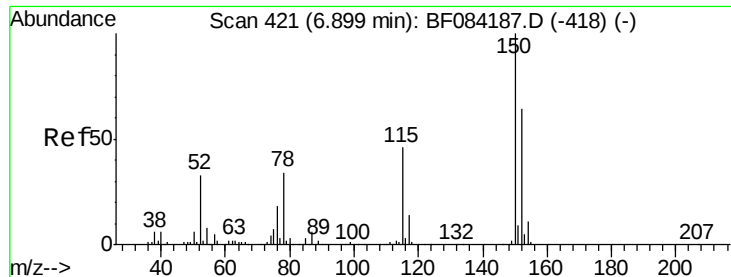
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB87615BL

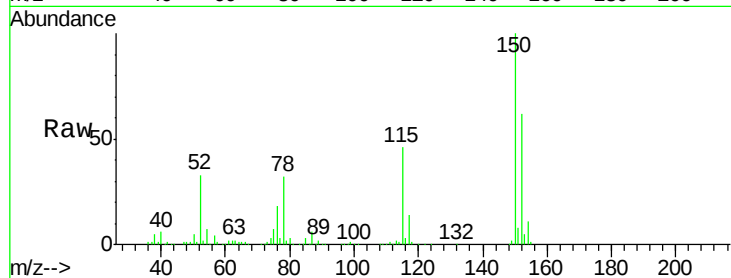
Tot Ion:152 Resp: 278776

Ion Ratio Lower Upper

152 100

150 160.2 123.0 184.4

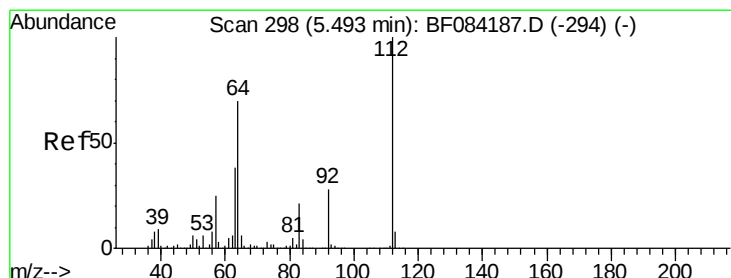
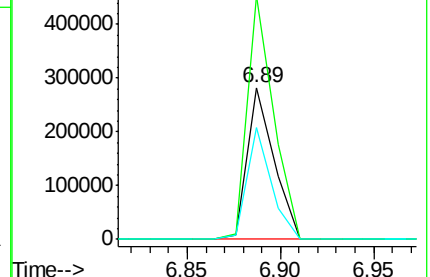
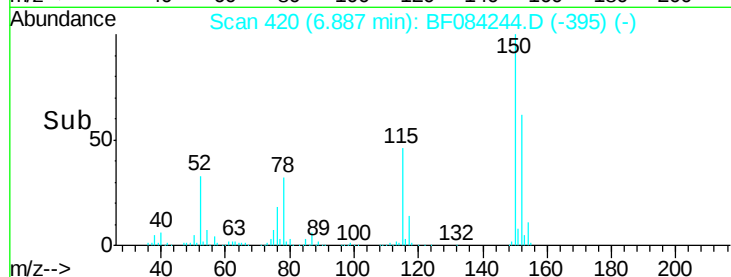
115 73.8 51.4 77.2



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: 106.65 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

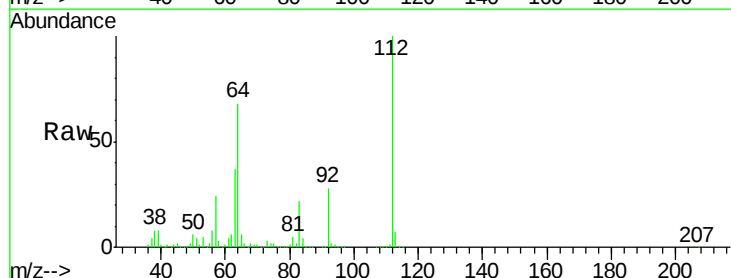
Tgt Ion:112 Resp: 1838133

Ion Ratio Lower Upper

112 100

64 67.8 36.6 55.0#

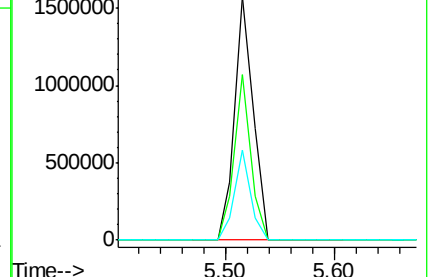
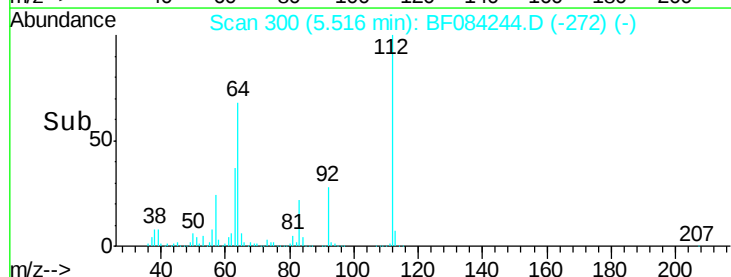
63 36.7 19.4 29.0#

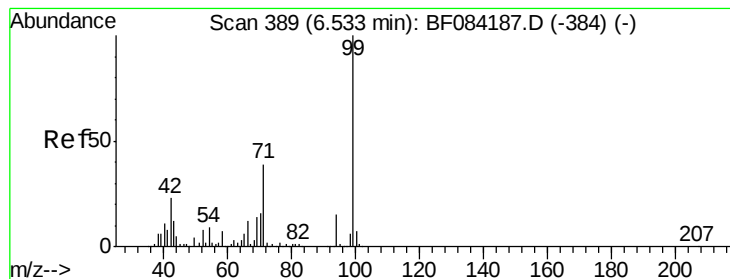


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.69 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

Instrument :

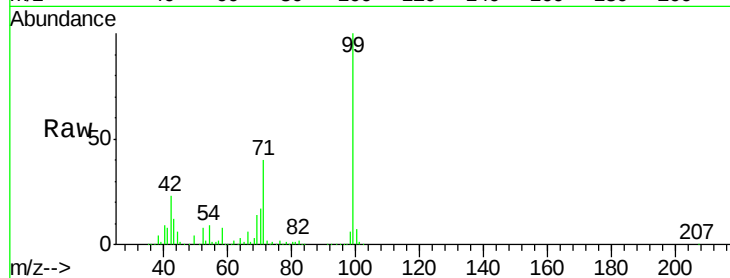
BNA_F

ClientSampleId :

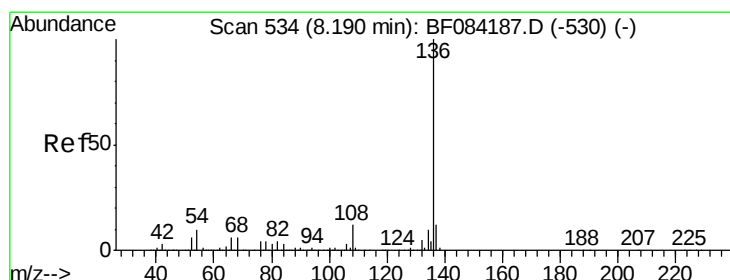
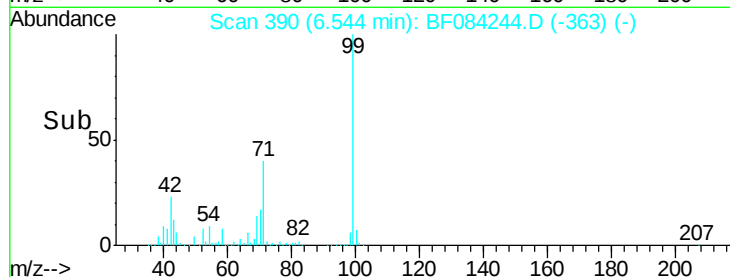
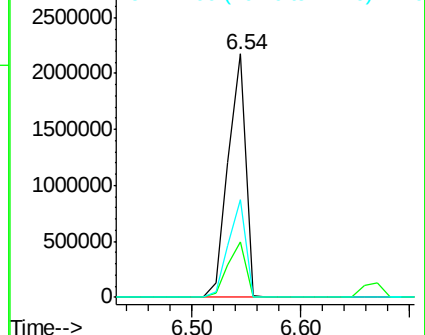
PB87615BL

Tot Ion: 99 Resp: 2417706

Ion	Ratio	Lower	Upper
99	100		
42	22.8	12.8	19.2#
71	40.1	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: 8.18 min Scan# 533

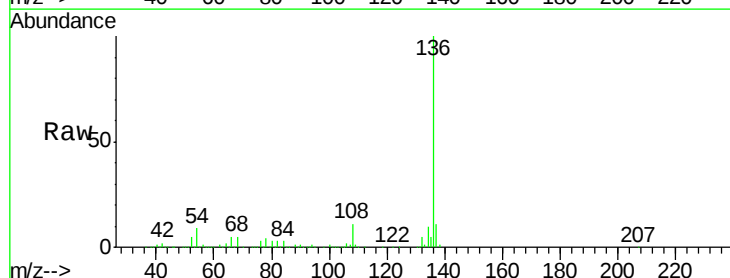
Delta R.T. -0.01 min

Lab File: BF084244.D

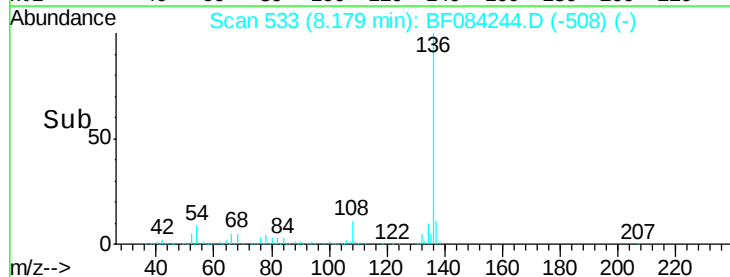
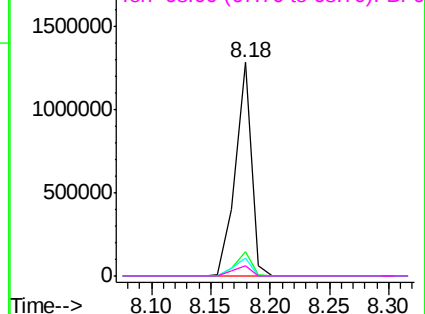
Acq: 4 Jan 2016 17:40

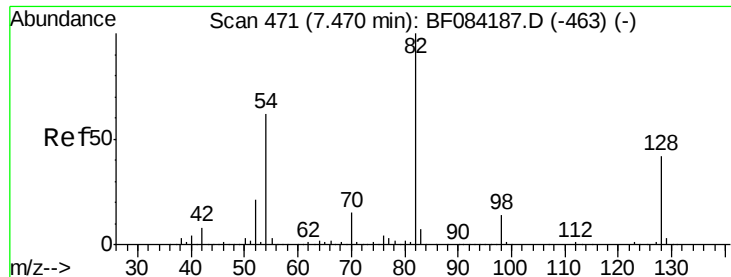
Tgt Ion: 136 Resp: 1199080

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.6	5.8	8.8
68	5.1	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

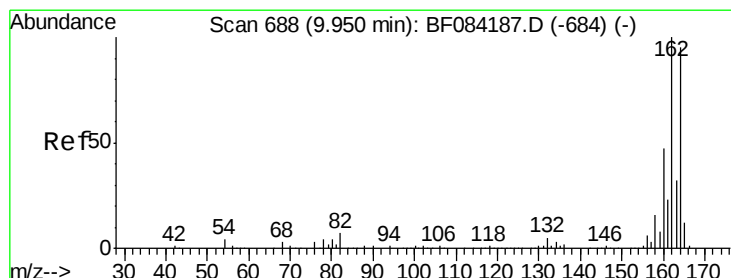
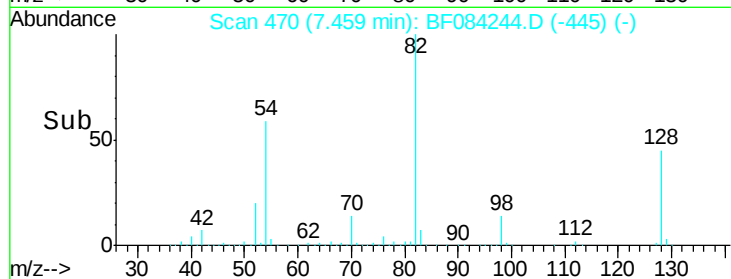
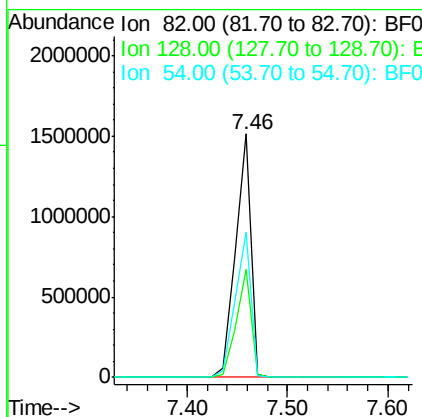
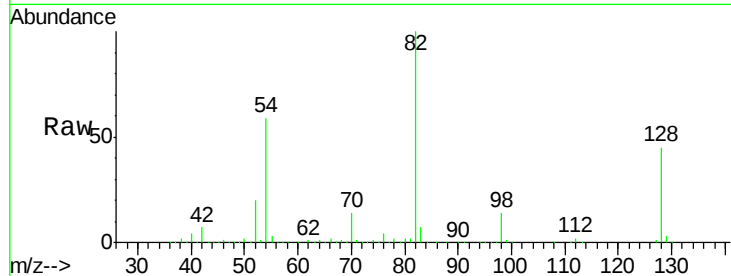




#23
 Nitrobenzene-d5
 Concen: 74.36 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084244.D
 Acq: 4 Jan 2016 17:40

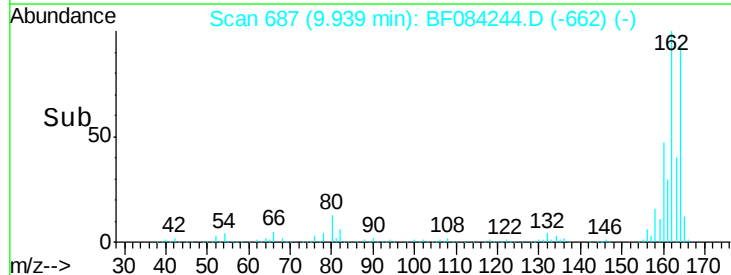
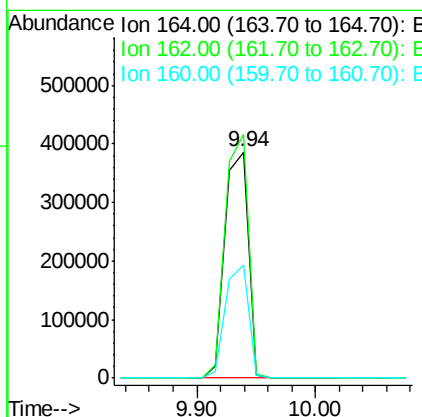
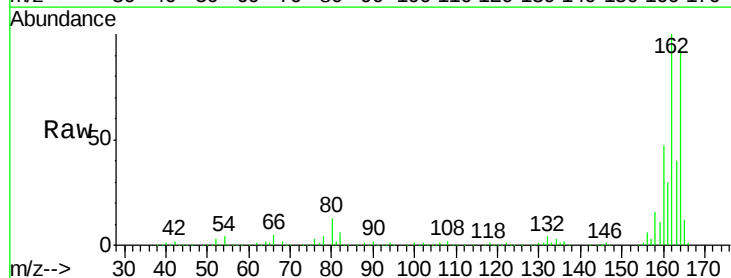
Instrument :
 BNA_F
 ClientSampleId :
 PB87615BL

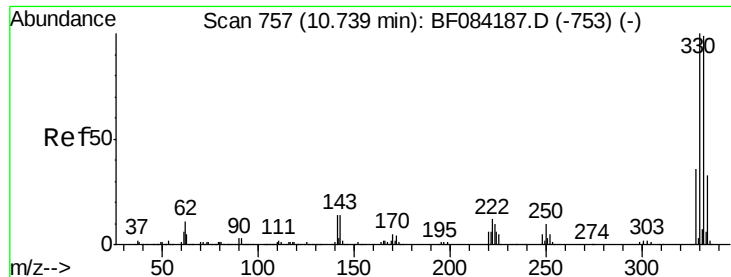
Tot Ion: 82 Resp: 1602170
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 59.3 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084244.D
 Acq: 4 Jan 2016 17:40

Tgt Ion:164 Resp: 527484
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.1 127.7
 160 50.2 37.5 56.3

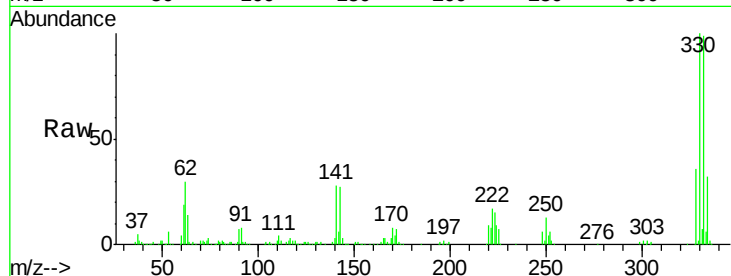




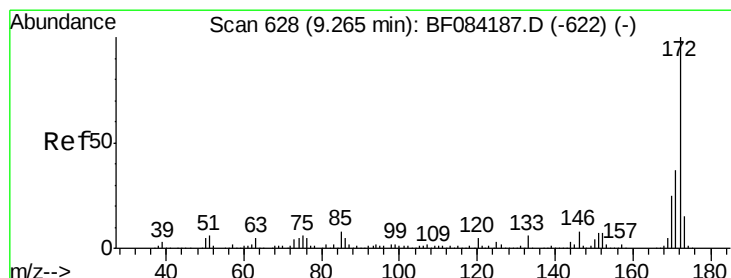
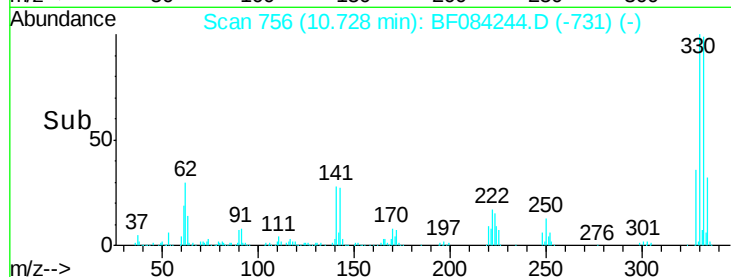
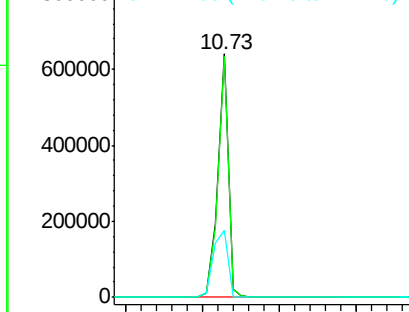
#41
 2,4,6-Tribromophenol
 Concen: 113.01 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084244.D
 Acq: 4 Jan 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87615BL

Tot Ion:330 Resp: 601848
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 38.4 27.8 41.6

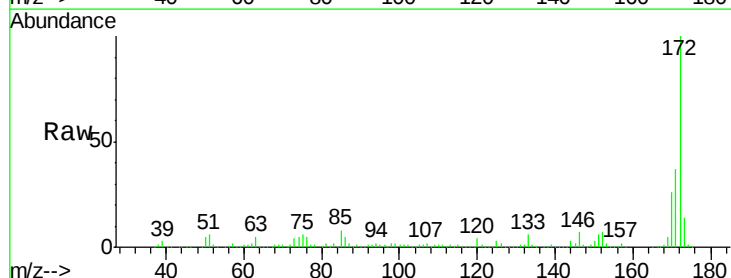


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

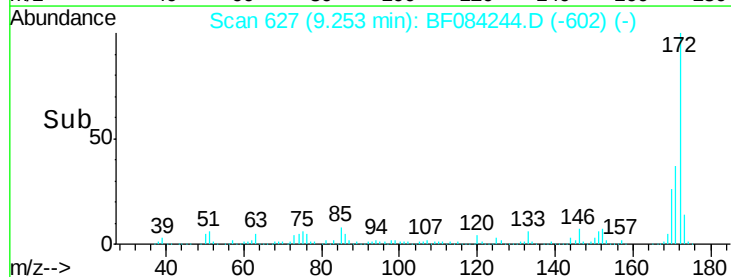
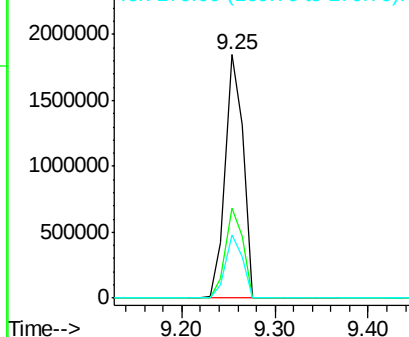


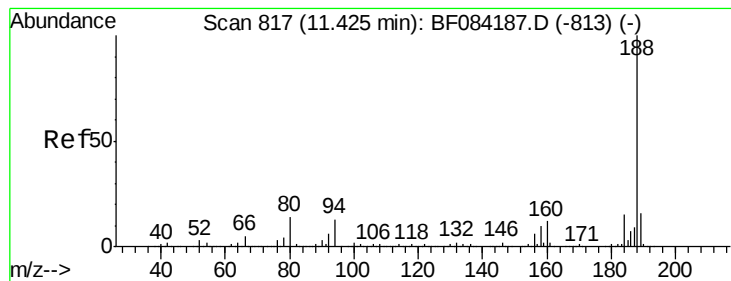
#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084244.D
 Acq: 4 Jan 2016 17:40

Tgt Ion:172 Resp: 2476149
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.8 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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB87615BL

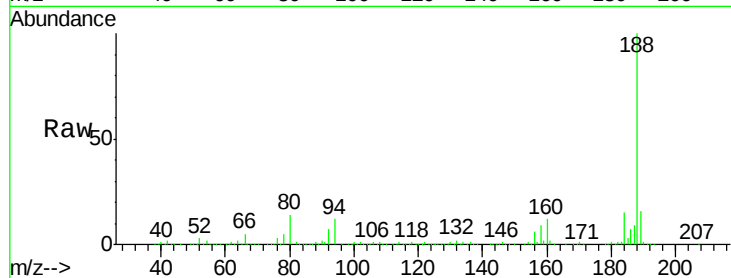
Tot Ion:188 Resp: 911002

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.4

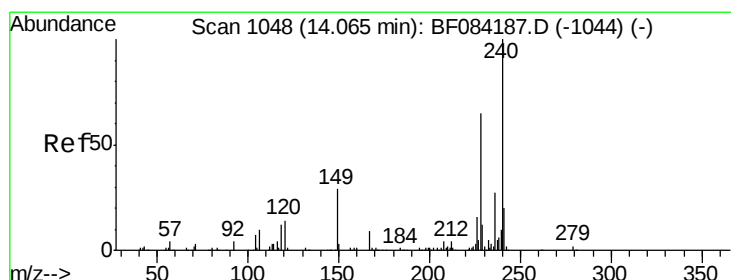
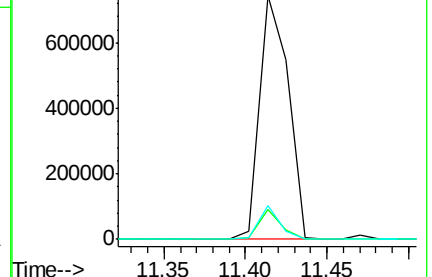
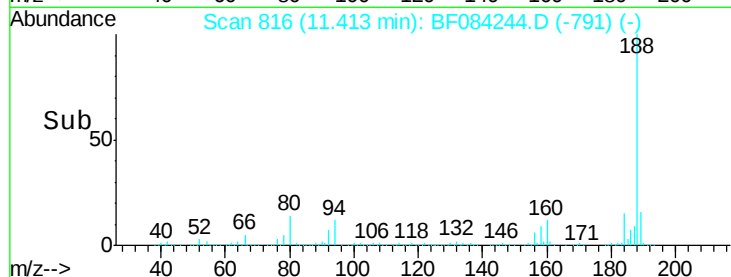
80 13.9 9.6 14.4



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

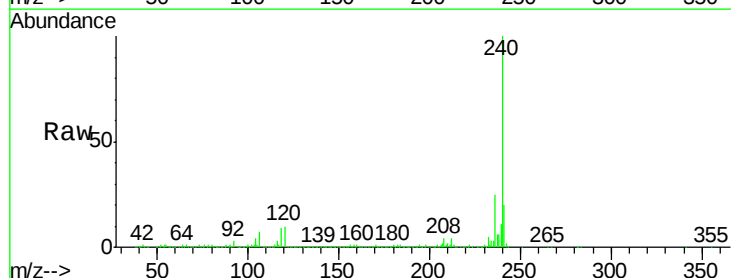
Tgt Ion:240 Resp: 619892

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

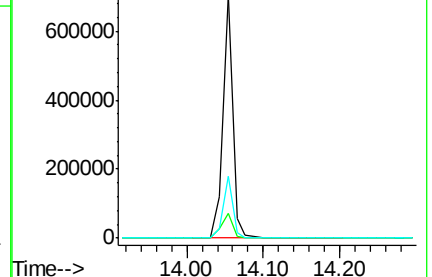
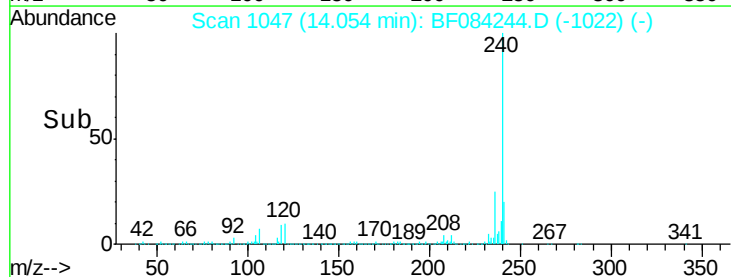
236 25.3 20.6 31.0

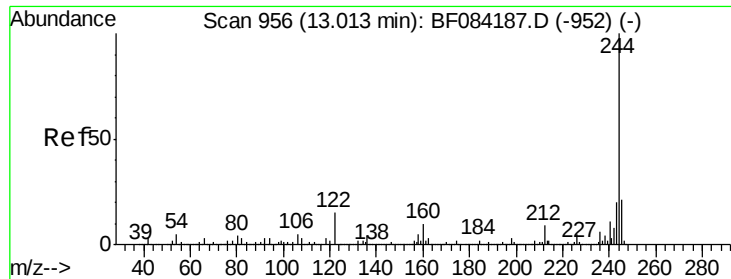


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.48 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

Instrument :

BNA_F

ClientSampleId :

PB87615BL

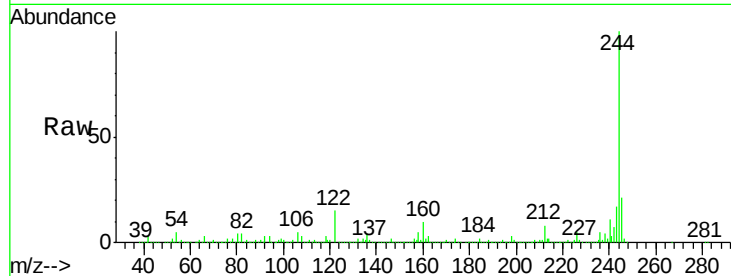
Tot Ion:244 Resp: 1957327

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

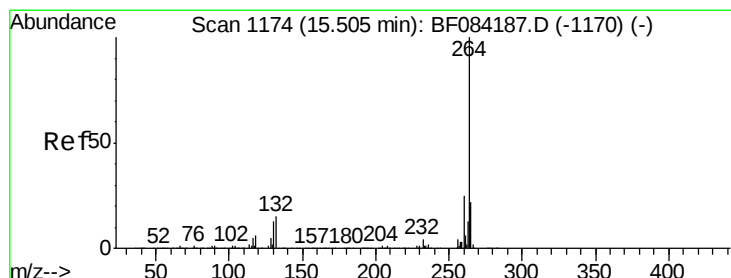
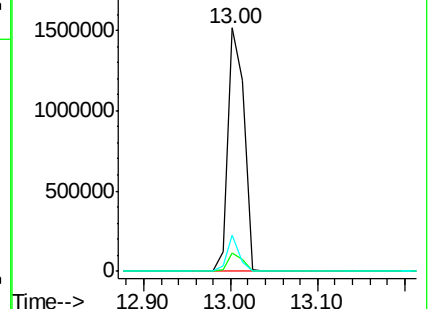
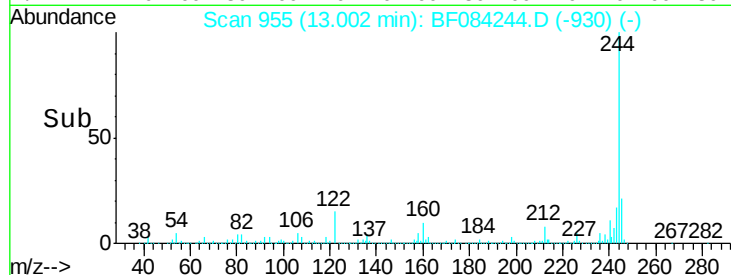
122 15.0 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084244.D

Acq: 4 Jan 2016 17:40

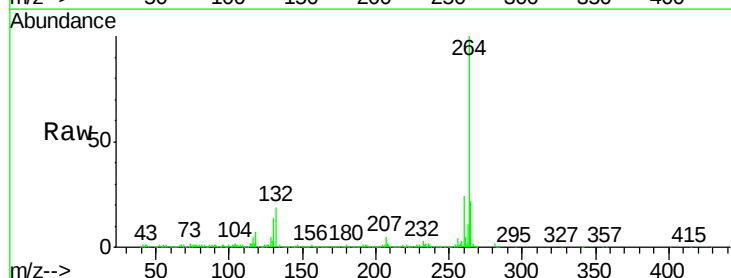
Tgt Ion:264 Resp: 580560

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.2 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

