

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086708.D
 Acq On : 5 May 2016 14:31
 Operator : UM/SJ
 Sample : PB90099TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

Quant Time: May 06 01:25:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174265	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	742370	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	343601	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	695987	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	566763	40.00	ng	-0.01
86) Perylene-d12	15.25	264	459263	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1235576	117.38	ng	0.00
7) Phenol-d6	6.37	99	1827334	128.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	1054158	72.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	426209	126.80	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1902429	90.76	ng	-0.01
78) Terphenyl-d14	12.83	244	1638403	58.42	ng	-0.01

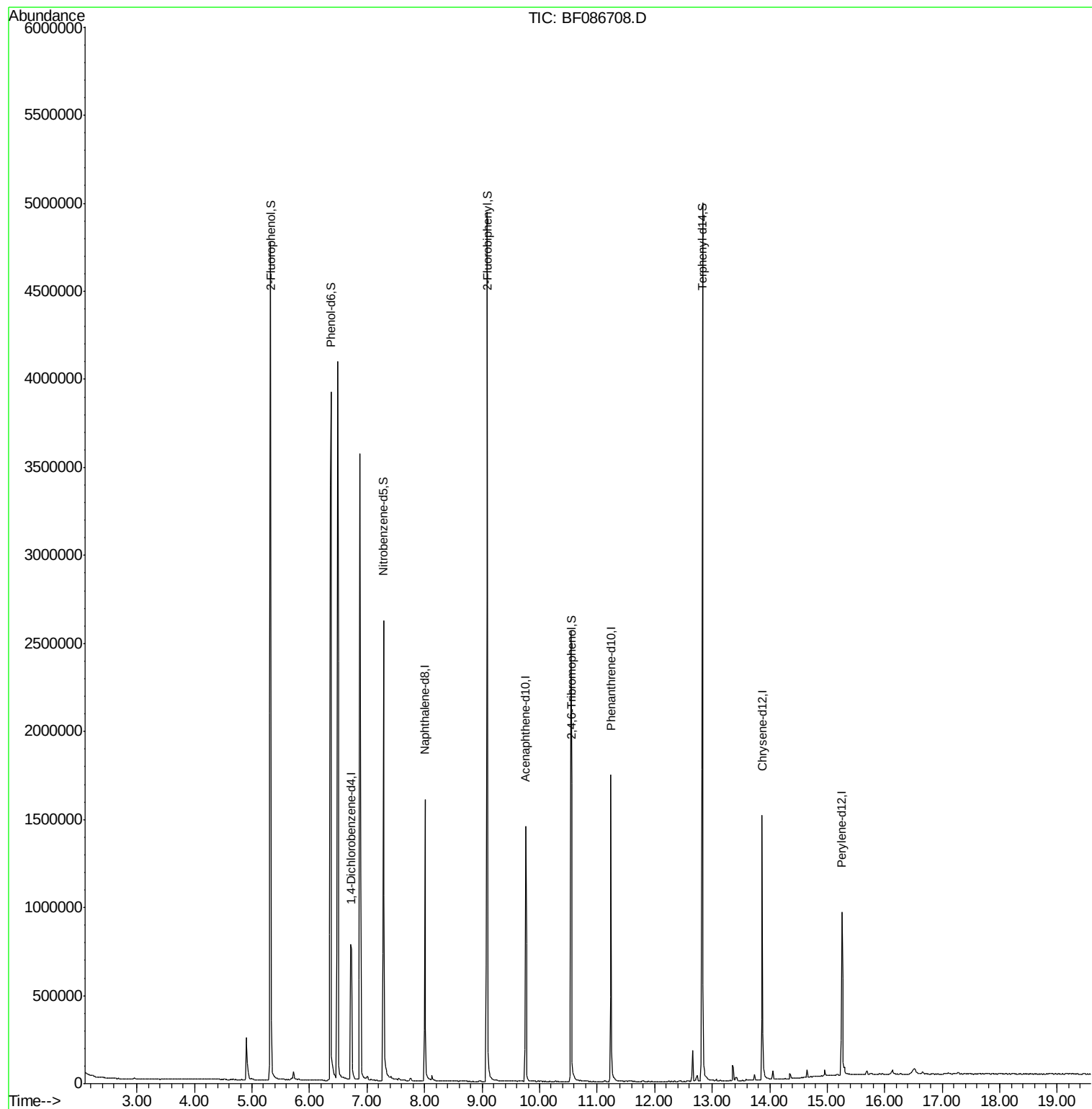
Target Compounds	Qvalue
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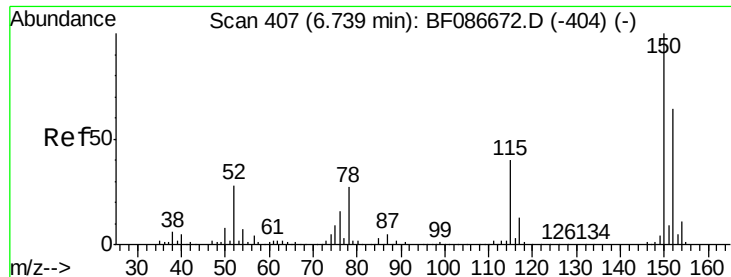
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

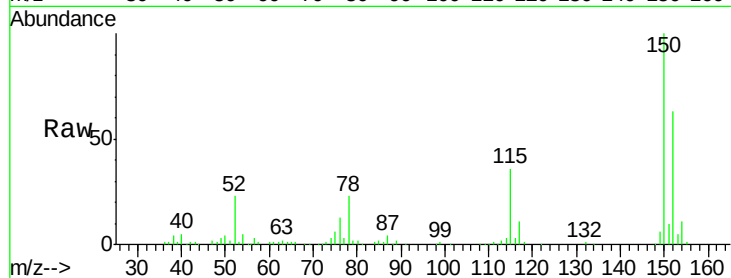
Tgt Ion:152 Resp: 174265

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

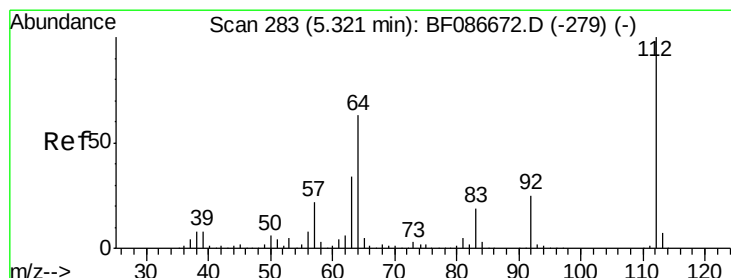
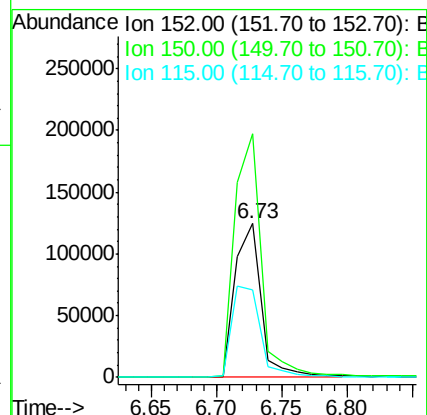
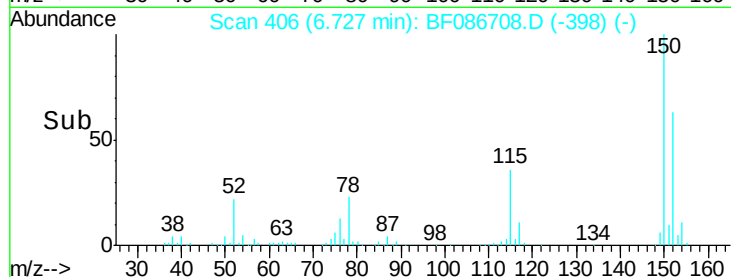
115 56.5 51.5 77.3



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: 117.38 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

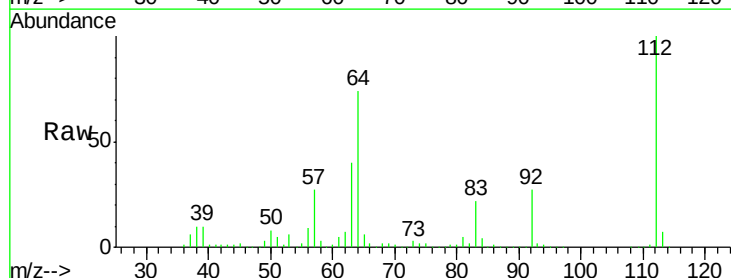
Tgt Ion:112 Resp: 1235576

Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

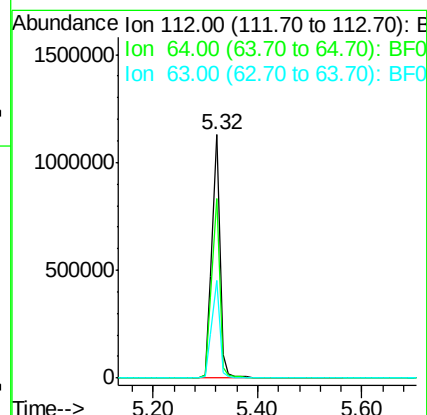
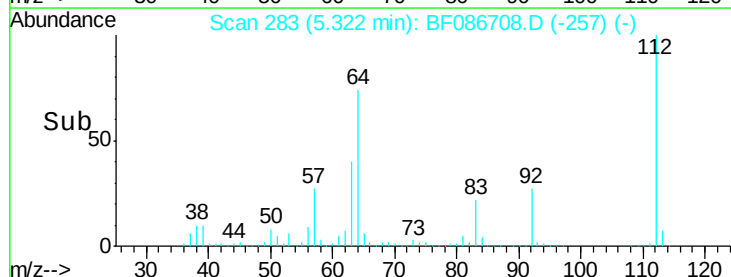
63 40.1 25.7 38.5

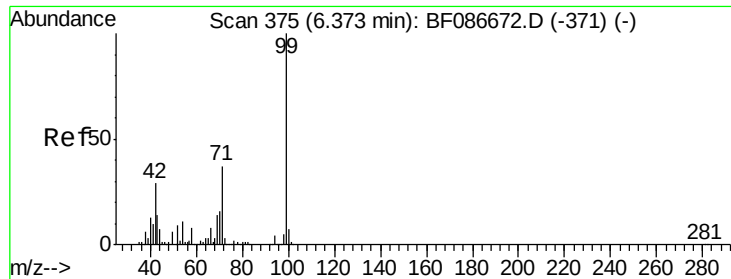


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.87 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

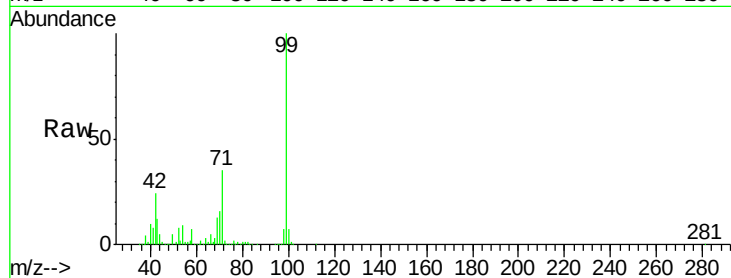
Tgt Ion: 99 Resp: 1827334

Ion Ratio Lower Upper

99 100

42 23.7 13.6 20.4#

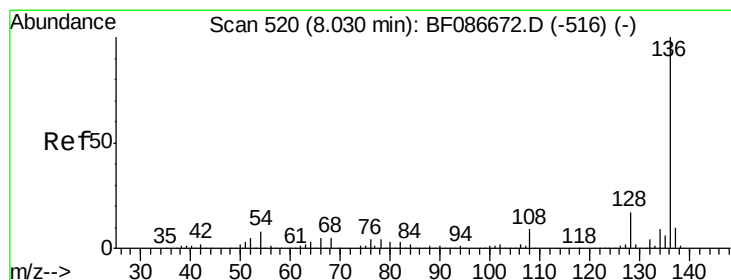
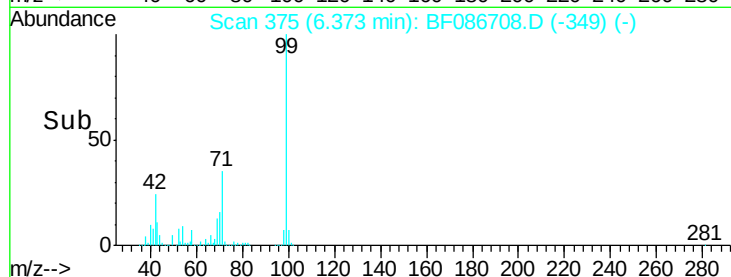
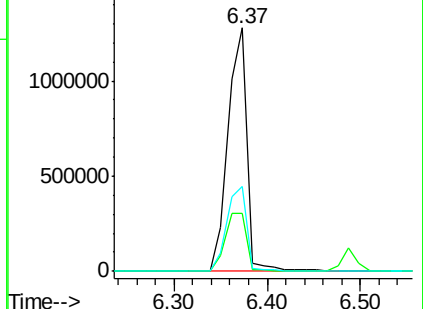
71 34.9 24.6 36.8



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: 40.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Tgt Ion: 136 Resp: 742370

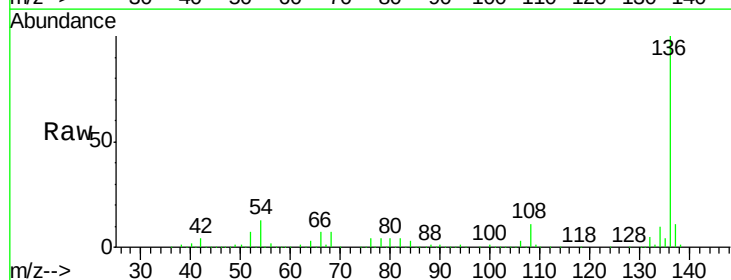
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.7 5.0 7.4#

68 7.2 4.4 6.6#

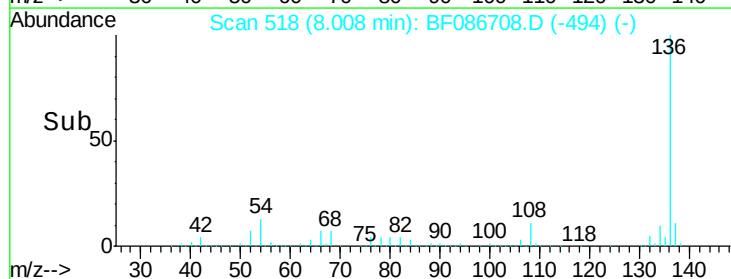
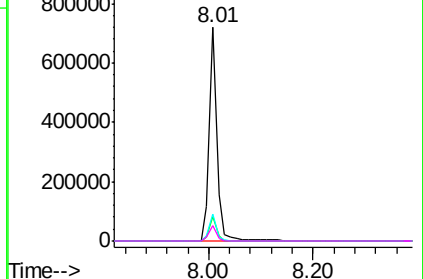


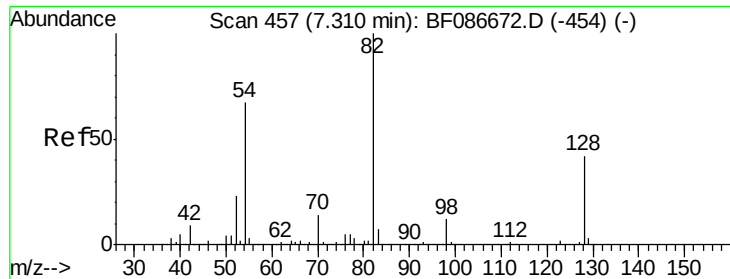
Abundance Ion 136.00 (135.70 to 136.70): E

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

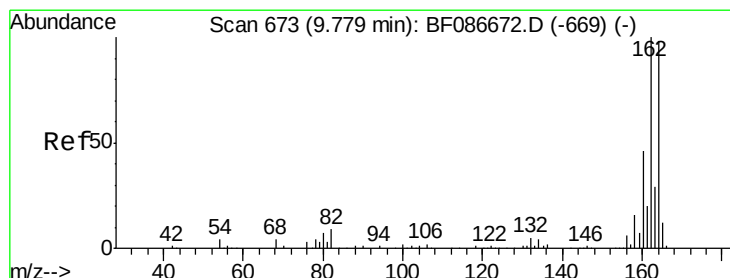
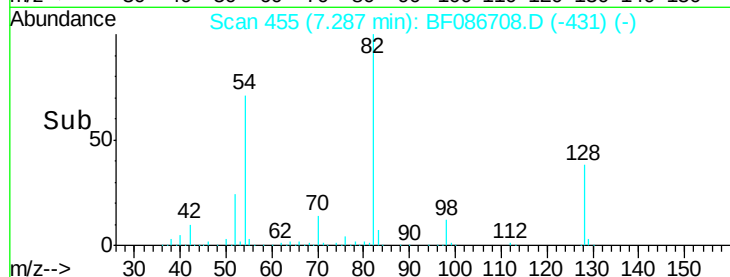
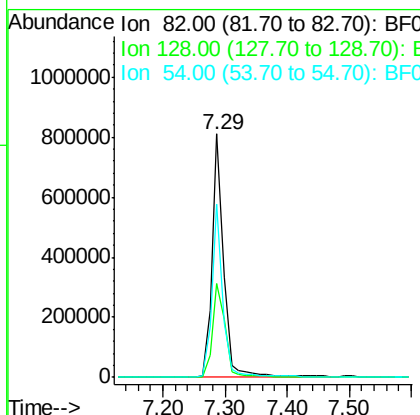
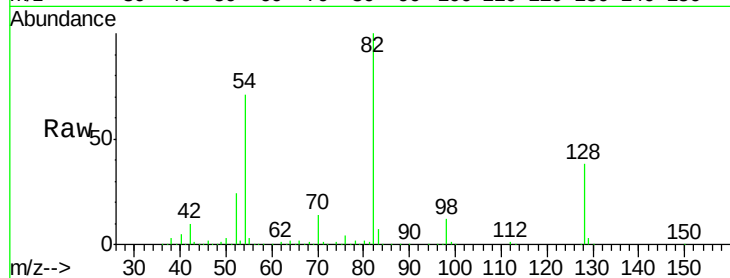




#23
 Nitrobenzene-d5
 Concen: 72.97 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

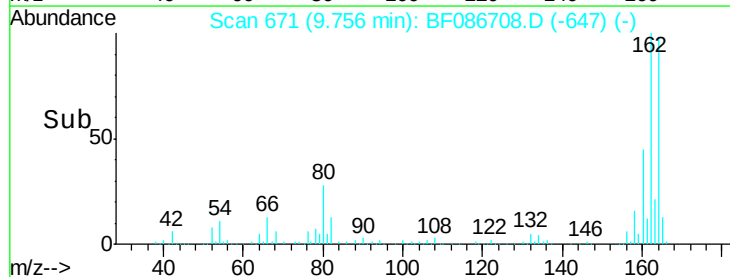
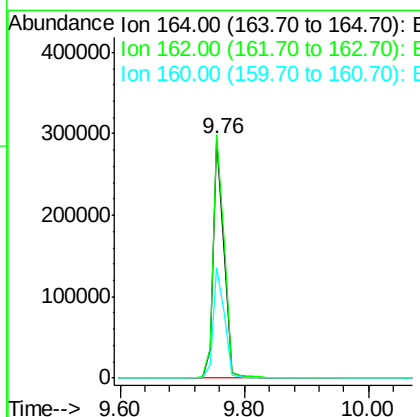
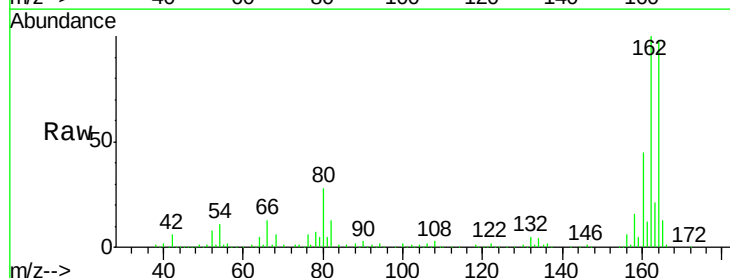
Instrument :
 BNA_F
 ClientSampled :
 PB90099TB

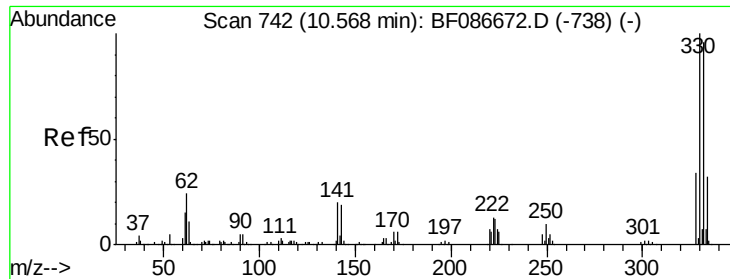
Tgt Ion: 82 Resp: 1054158
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 71.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

Tgt Ion: 164 Resp: 343601
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 46.3 36.9 55.3

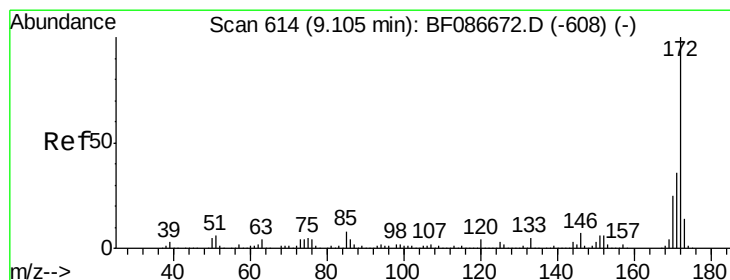
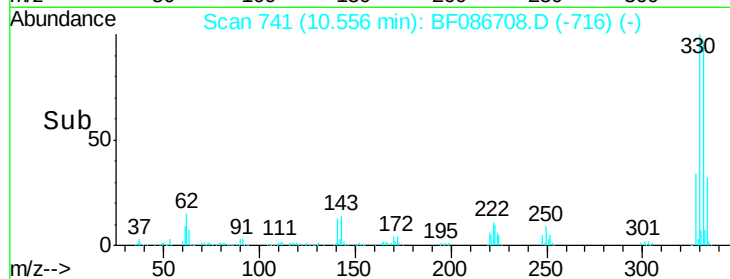
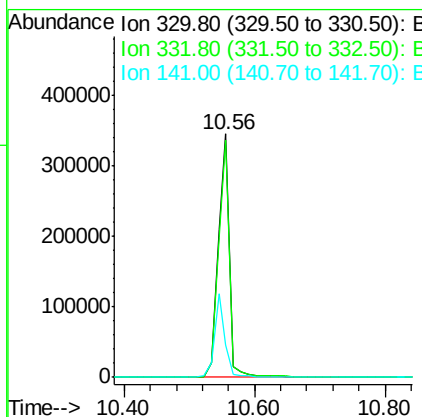
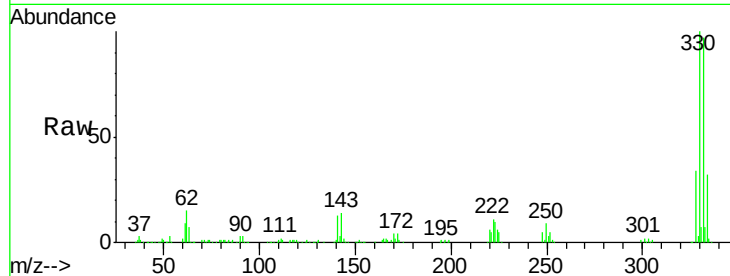




#41
 2,4,6-Tribromophenol
 Concen: 126.80 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

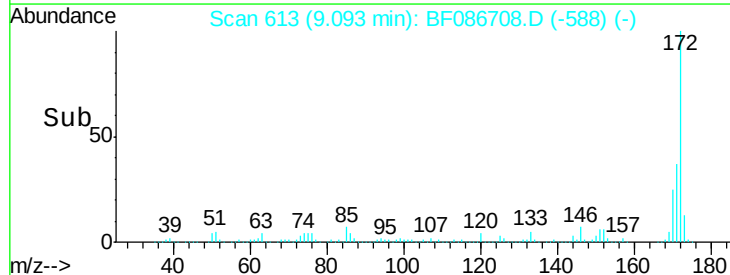
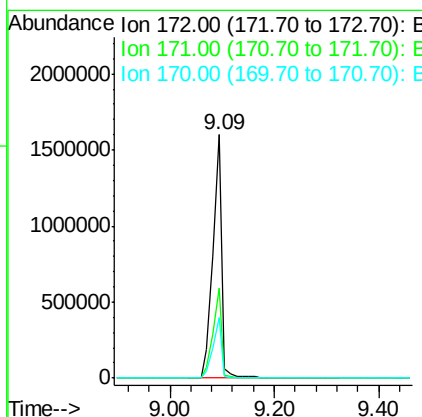
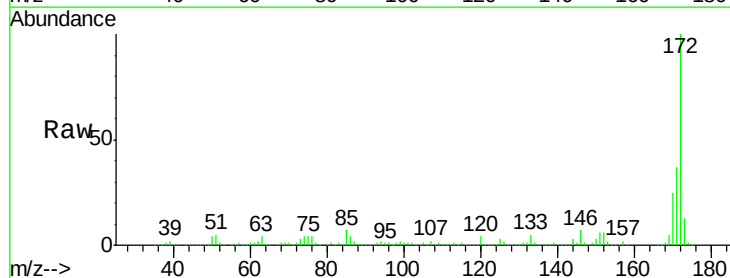
Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

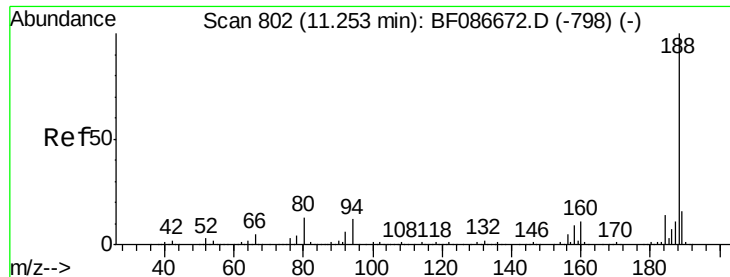
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	32.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 90.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086708.D
 Acq: 5 May 2016 14:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8

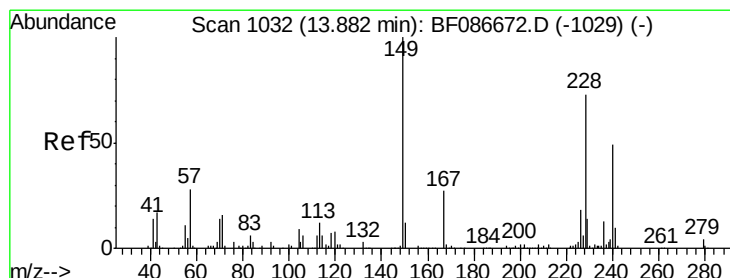
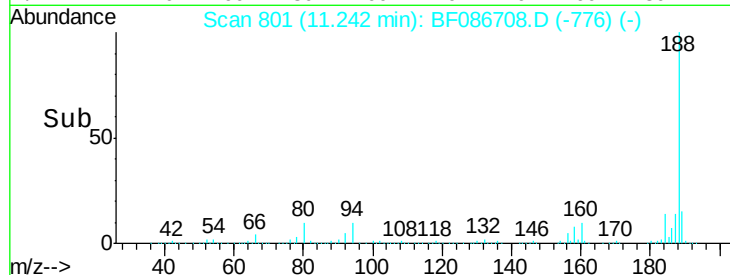
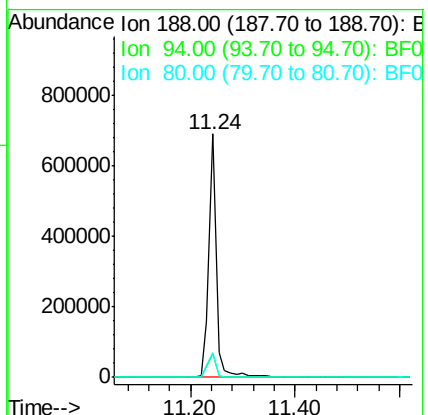
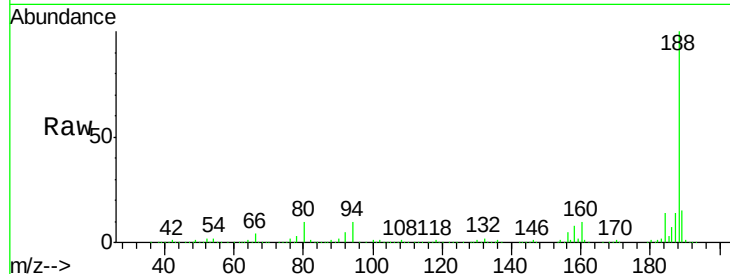




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

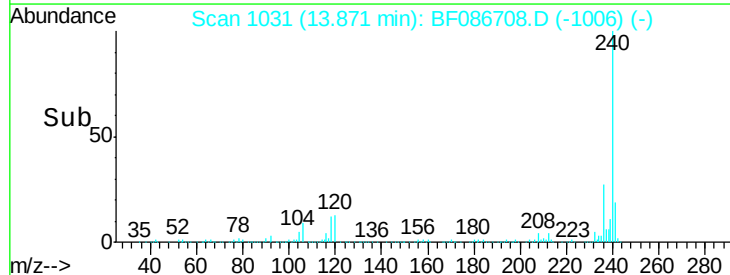
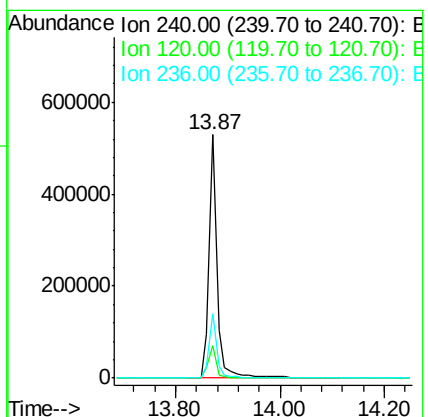
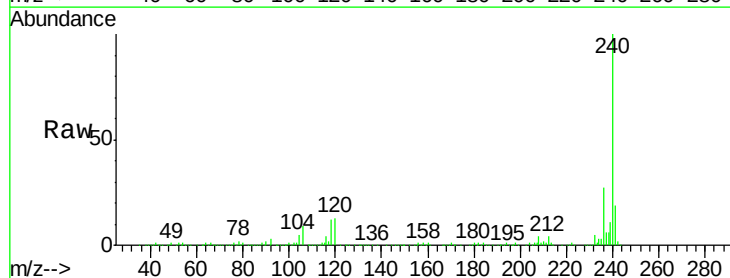
Instrument :
BNA_F
ClientSampleId :
PB90099TB

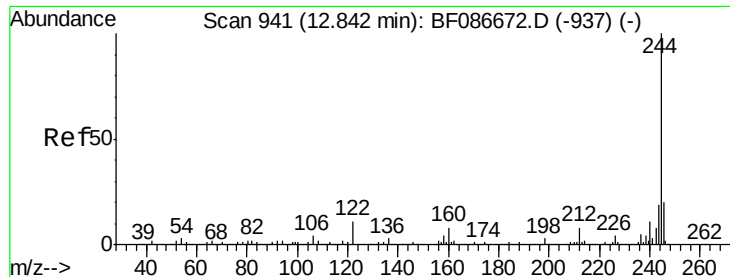
Tgt Ion:188 Resp: 695987
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.0 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086708.D
Acq: 5 May 2016 14:31

Tgt Ion:240 Resp: 566763
Ion Ratio Lower Upper
240 100
120 13.2 11.2 16.8
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 58.42 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB90099TB

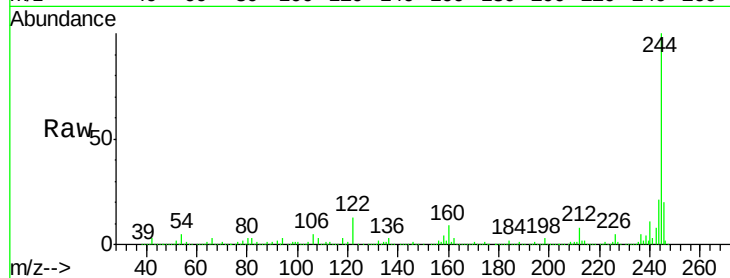
Tgt Ion:244 Resp: 1638403

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

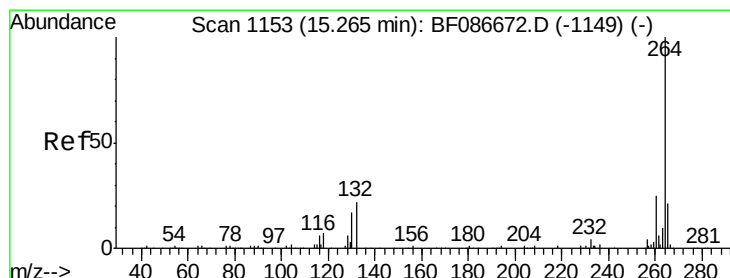
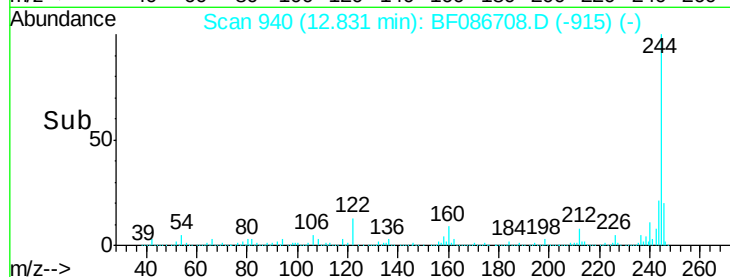
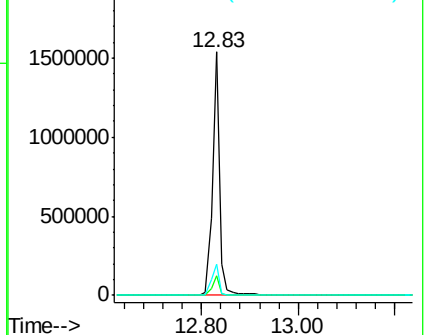
122 13.0 12.0 18.0



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: 40.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF086708.D

Acq: 5 May 2016 14:31

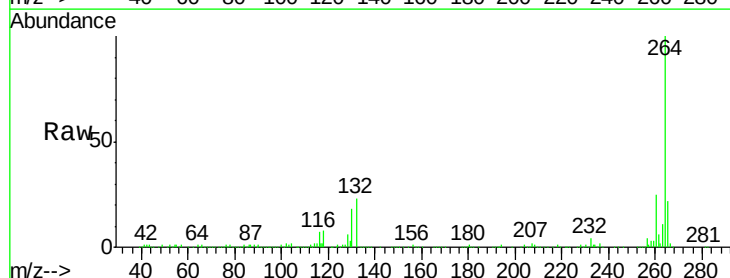
Tgt Ion:264 Resp: 459263

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 17.3 25.9



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

