

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086222.D
 Acq On : 15 Apr 2016 17:53
 Operator : UM/SJ
 Sample : H2495-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Quant Time: Apr 16 00:53:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

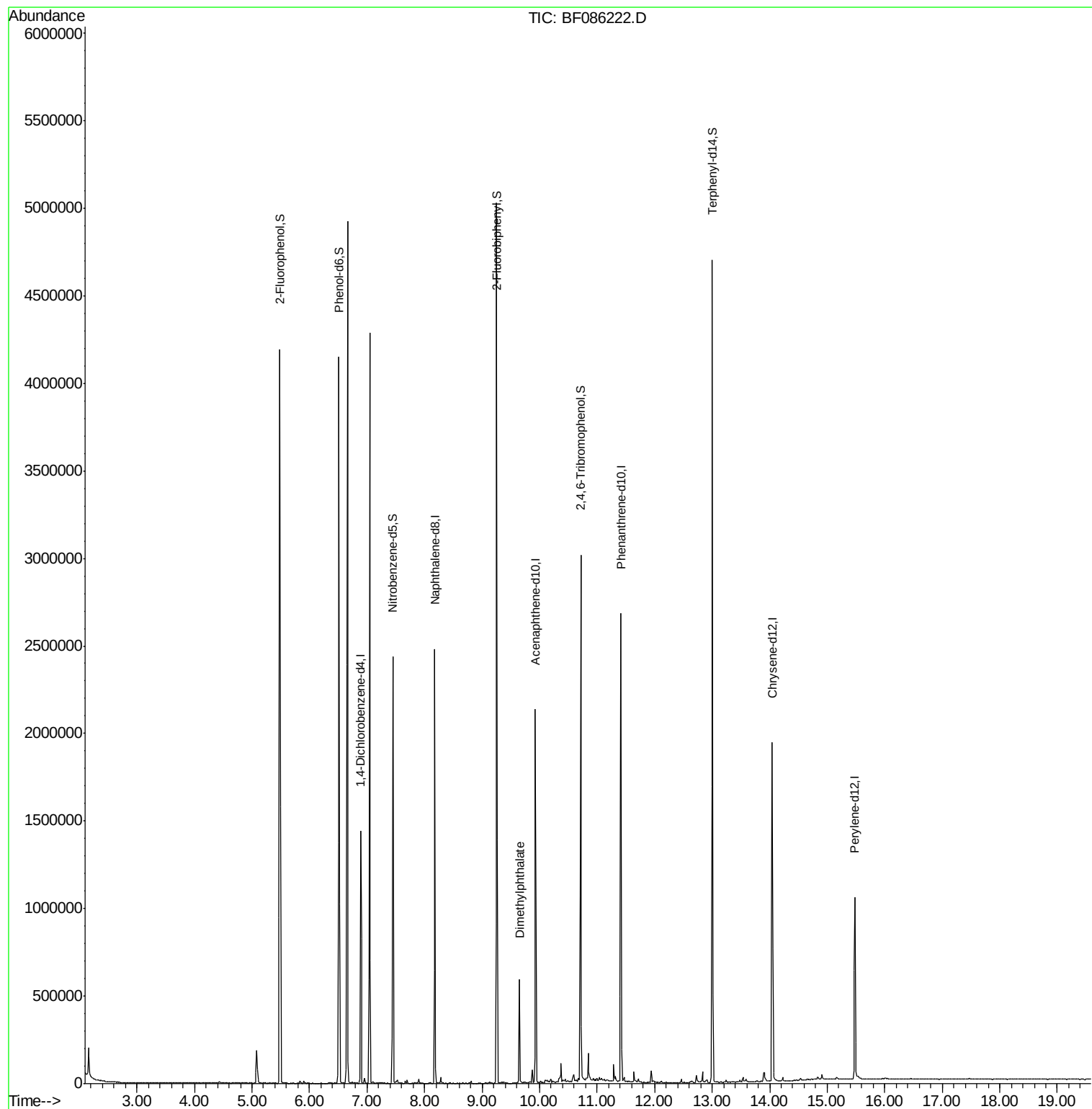
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	255311	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1090449	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	470233	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	875879	20.00	ng	0.00
75) Chrysene-d12	14.04	240	655355	20.00	ng	-0.01
86) Perylene-d12	15.48	264	476409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1378994	88.50	ng	0.00
7) Phenol-d6	6.51	99	1639651	84.12	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1196313	63.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	313274	82.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1629798	63.96	ng	-0.01
78) Terphenyl-d14	13.00	244	1436315	55.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	378691	11.08	ng	98

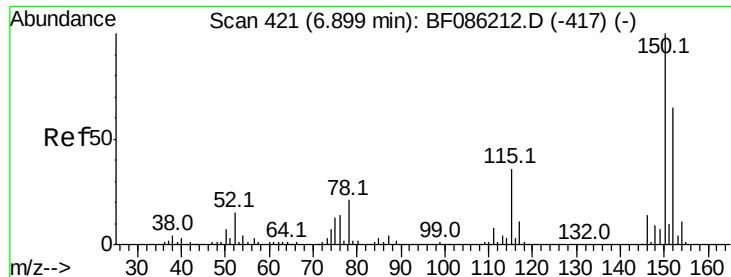
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086222.D

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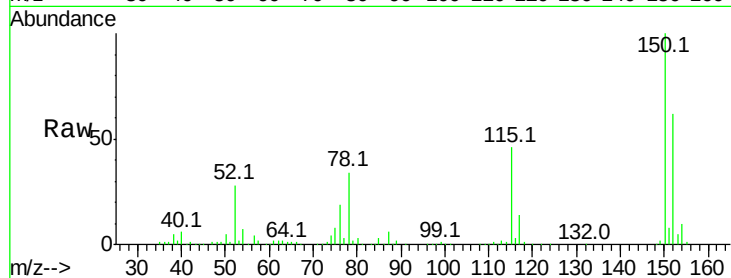
Tot Ion:152 Resp: 255311

Ion Ratio Lower Upper

152 100

150 161.9 124.1 186.1

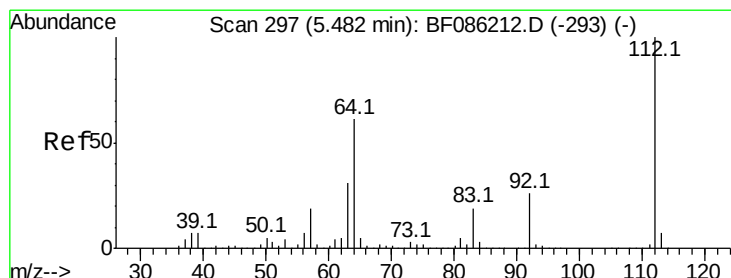
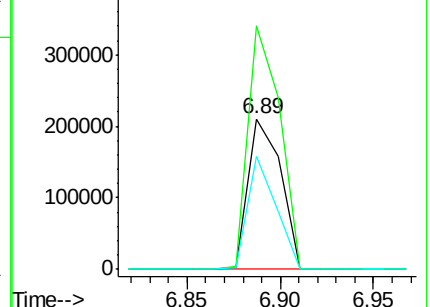
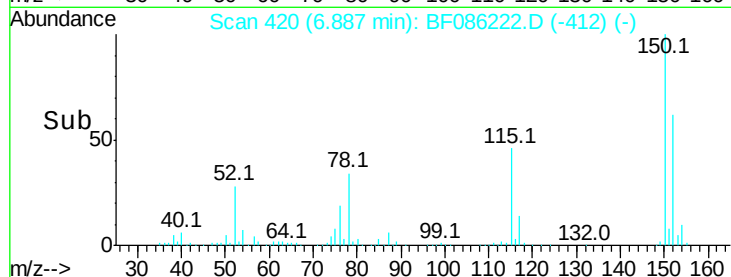
115 75.2 43.9 65.9#



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: 88.50 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

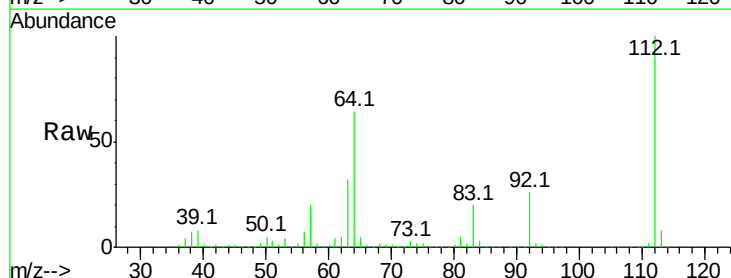
Tgt Ion:112 Resp: 1378994

Ion Ratio Lower Upper

112 100

64 63.9 48.1 72.1

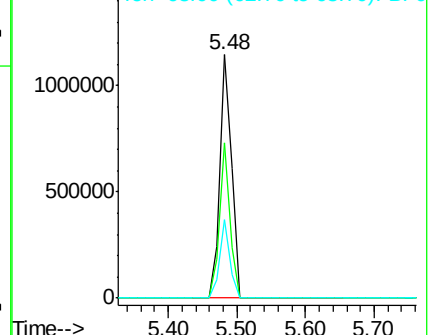
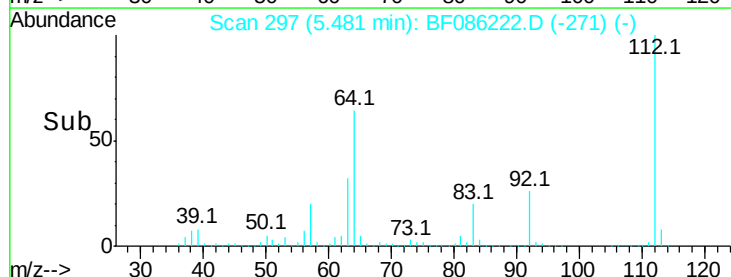
63 32.3 25.5 38.3

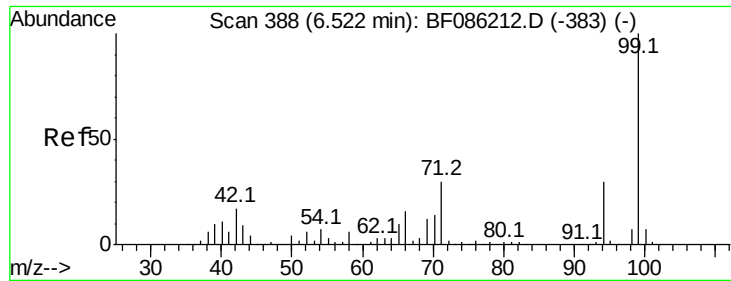


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.12 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

BNA_F

ClientSampleId :

DRUM-360-372

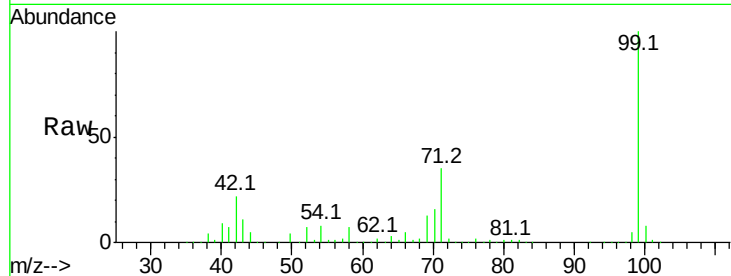
Tot Ion: 99 Resp: 1639651

Ion Ratio Lower Upper

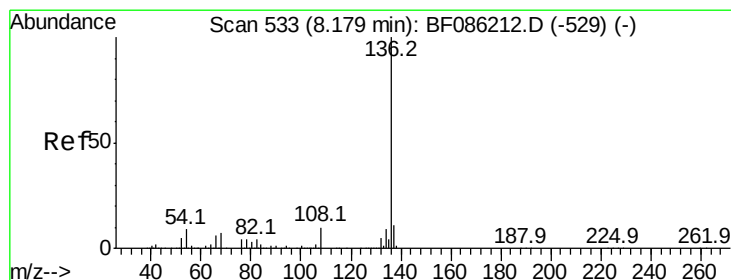
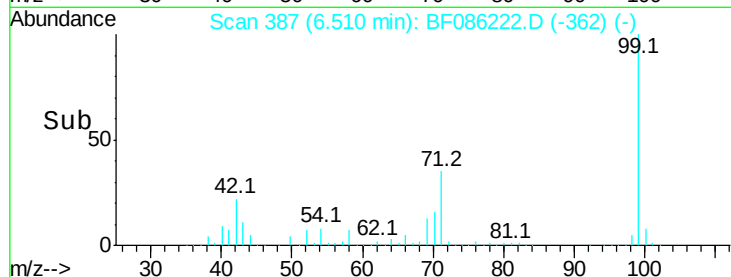
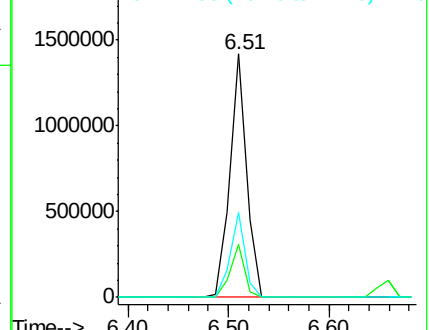
99 100

42 21.6 15.4 23.2

71 34.8 25.6 38.4



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. -0.00 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Tgt Ion:136 Resp: 1090449

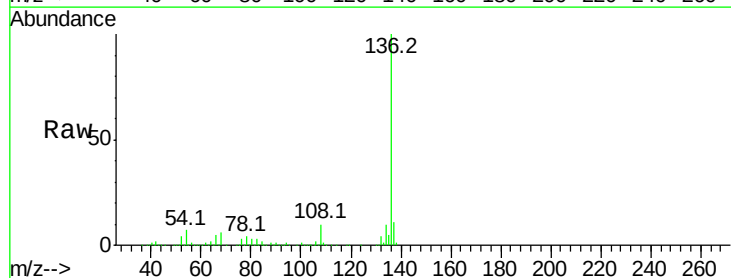
Ion Ratio Lower Upper

136 100

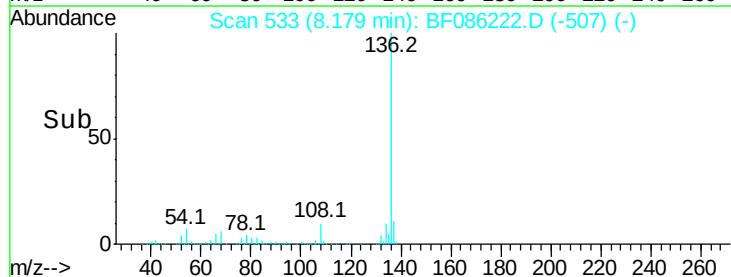
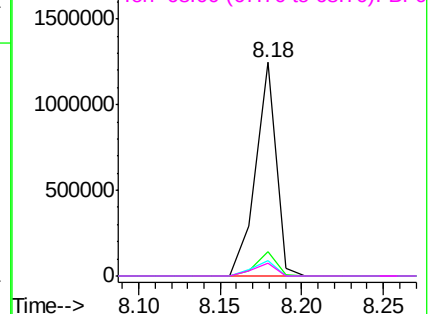
137 11.2 9.1 13.7

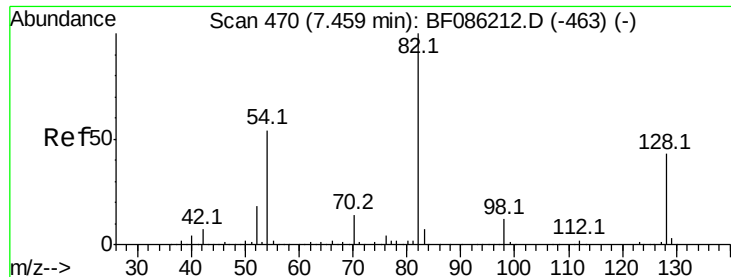
54 7.5 7.3 10.9

68 6.1 5.7 8.5



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

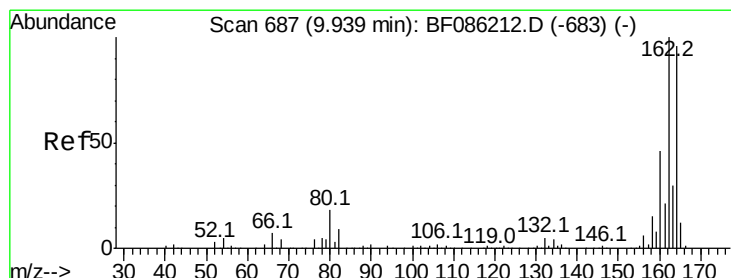
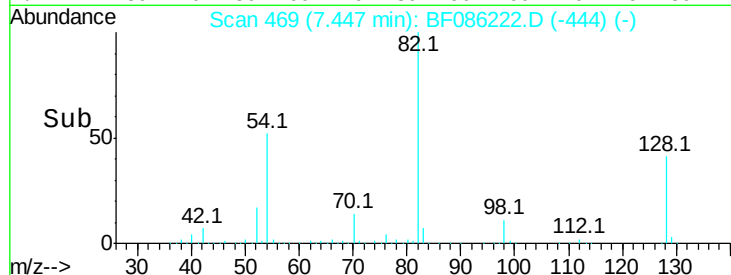
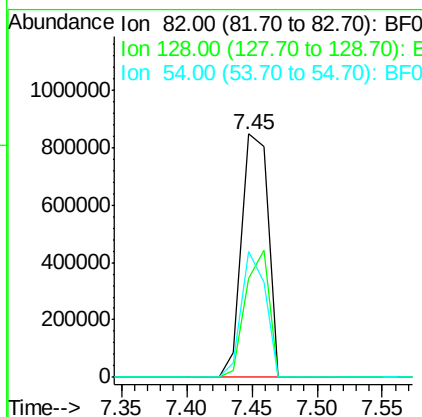
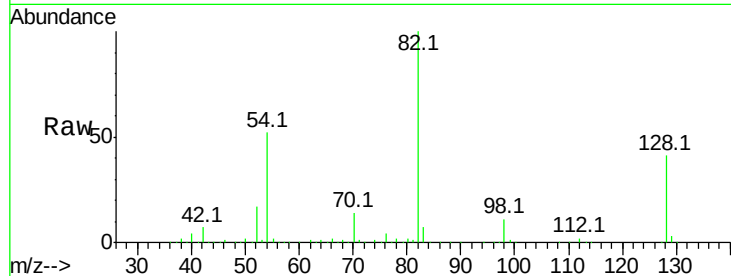




#23
 Nitrobenzene-d5
 Concen: 63.28 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

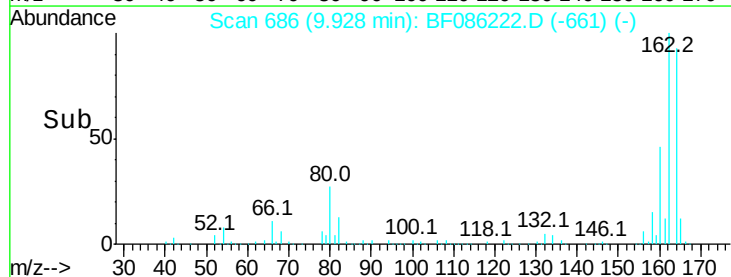
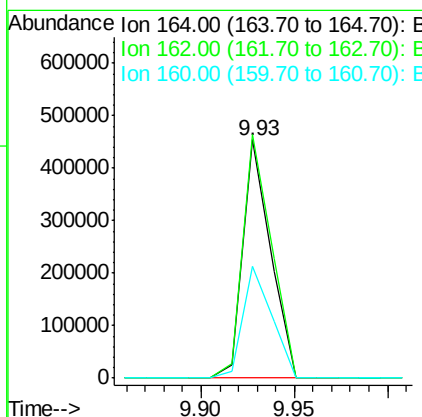
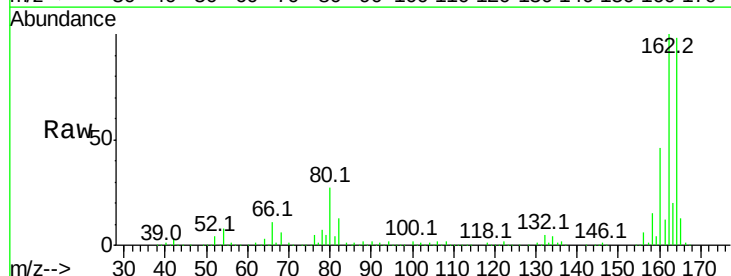
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

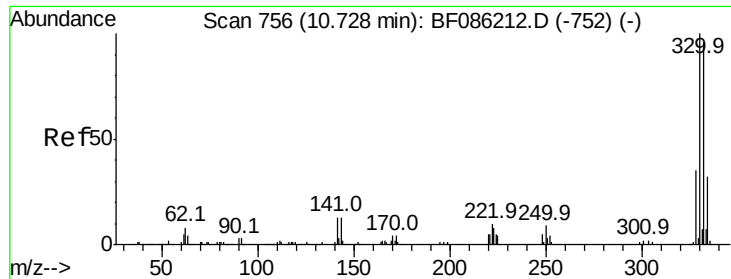
Tot Ion: 82 Resp: 1196313
 Ion Ratio Lower Upper
 82 100
 128 40.7 35.4 53.2
 54 51.6 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion:164 Resp: 470233
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.8 124.2
 160 46.8 38.9 58.3

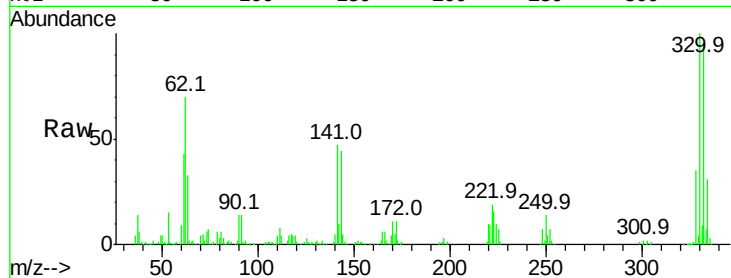




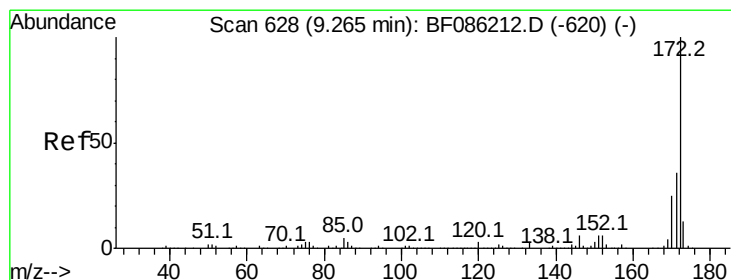
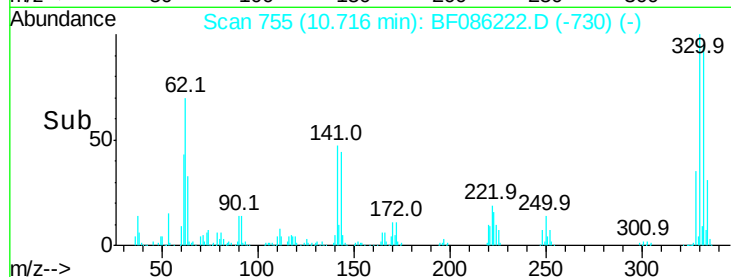
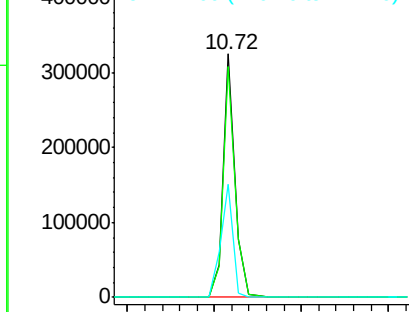
#41
 2,4,6-Tribromophenol
 Concen: 82.97 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.7	118.1
141	48.6	28.6	42.8#

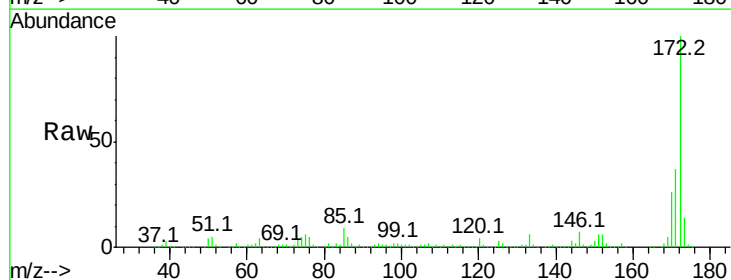


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

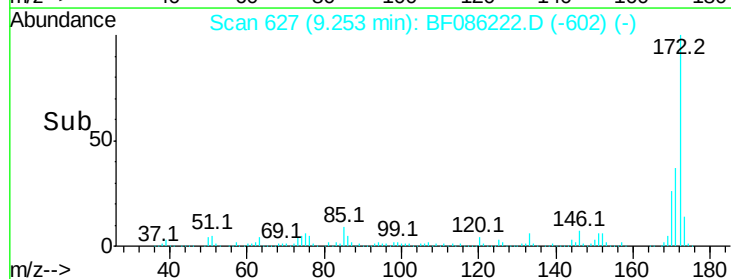
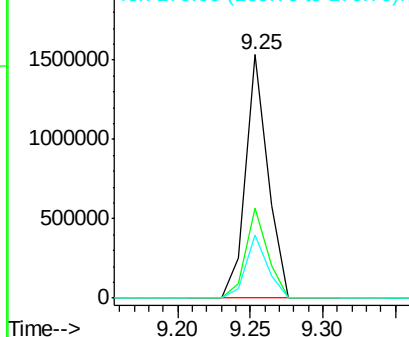


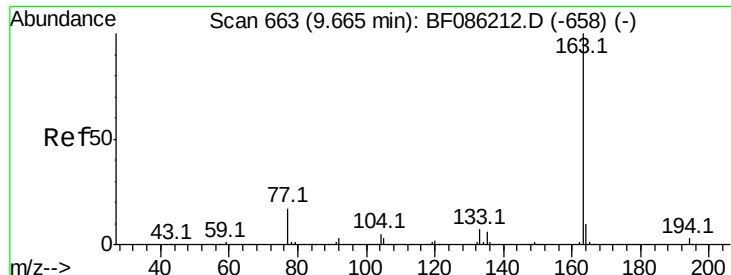
#44
 2-Fluorobiphenyl
 Concen: 63.96 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.8	19.9	29.9



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





#49

Dimethylphthalate

Concen: 11.08 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

BNA_F

ClientSampleId :

DRUM-360-372

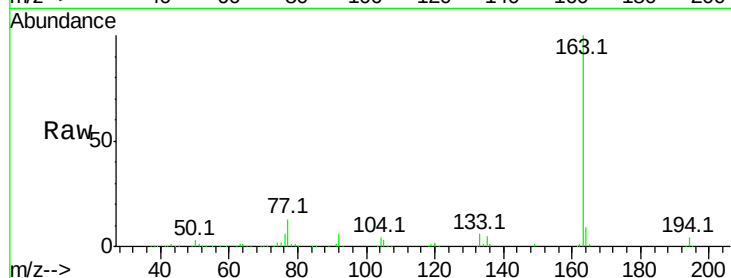
Tot Ion:163 Resp: 378691

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

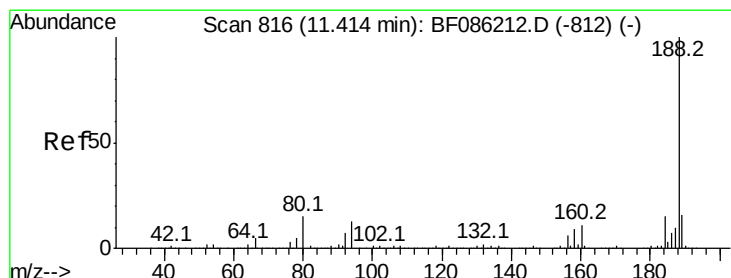
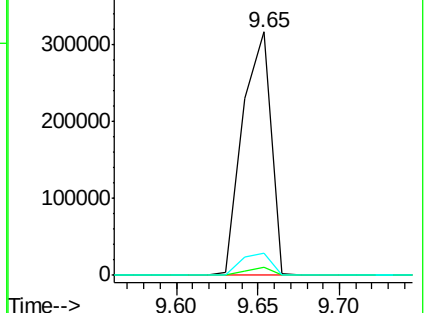
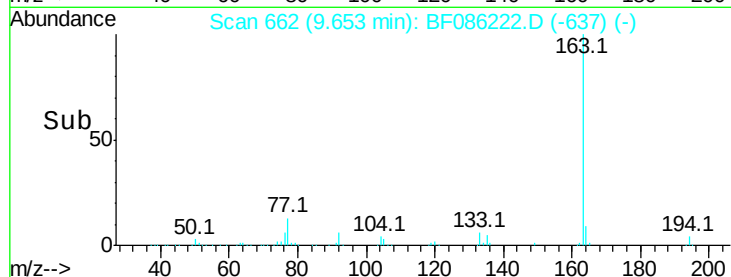
164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

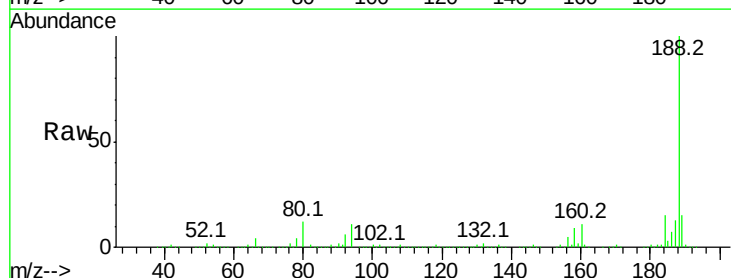
Tgt Ion:188 Resp: 875879

Ion Ratio Lower Upper

188 100

94 11.4 9.8 14.8

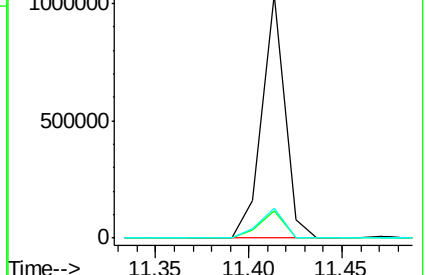
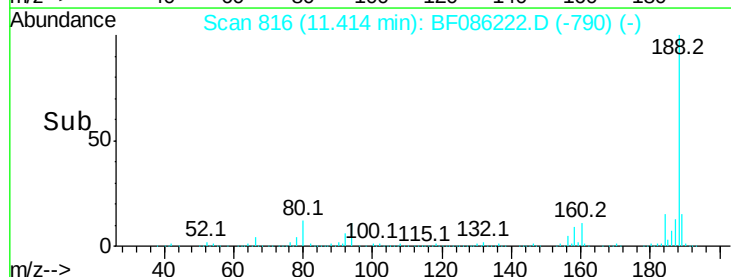
80 12.1 10.5 15.7

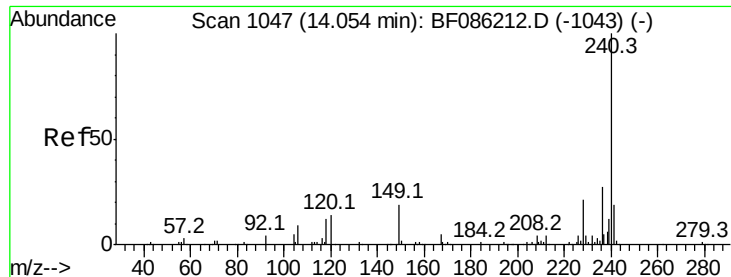


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

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DRUM-360-372

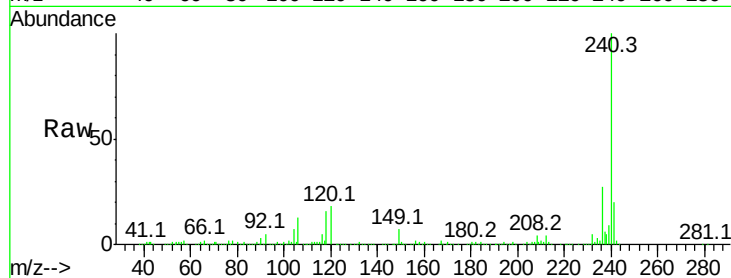
Tot Ion:240 Resp: 655355

Ion Ratio Lower Upper

240 100

120 18.4 9.3 13.9#

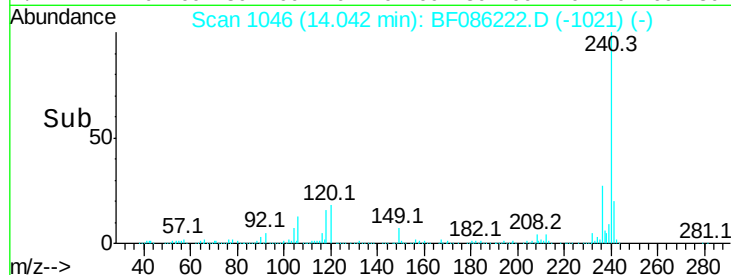
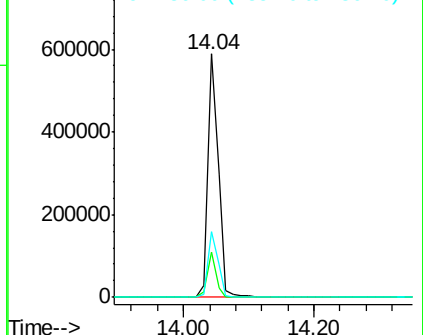
236 26.9 21.1 31.7



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: 55.11 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

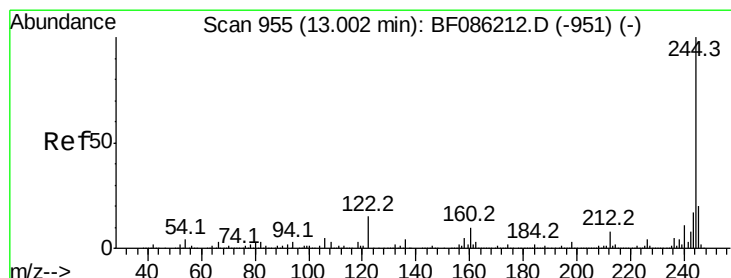
Tgt Ion:244 Resp: 1436315

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

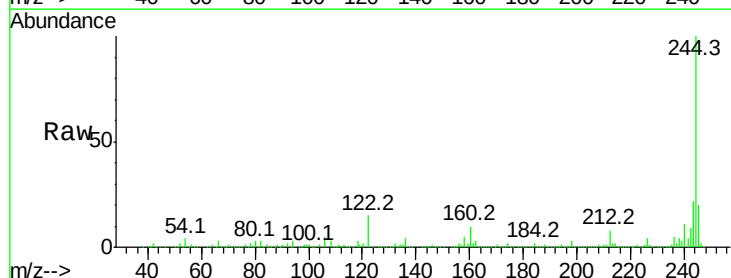
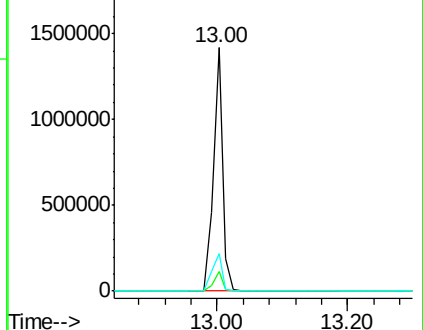
122 15.4 11.7 17.5

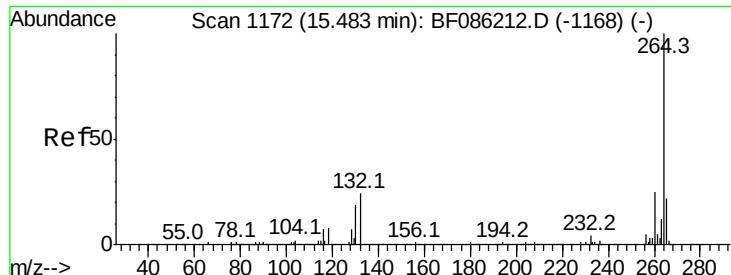


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

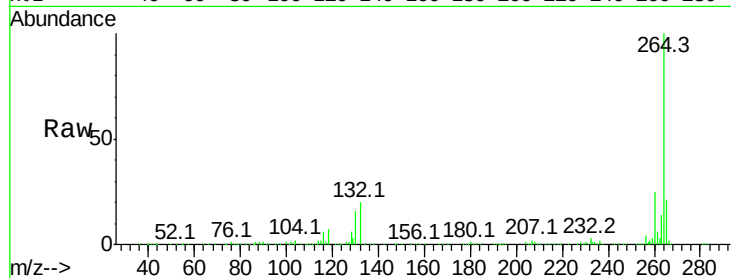




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.2	17.4	26.0



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

