

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086266.D
 Acq On : 16 Apr 2016 15:21
 Operator : UM/SJ
 Sample : H2471-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Quant Time: Apr 18 05:40:32 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	269227	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1122726	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	477830	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	858423	20.00	ng	0.00
75) Chrysene-d12	14.04	240	502461	20.00	ng	-0.01
86) Perylene-d12	15.48	264	478926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	987031	60.07	ng	0.00
7) Phenol-d6	6.51	99	820983	39.94	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1746598	89.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	487678	127.10	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2559292	98.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1736386	86.90	ng	0.00

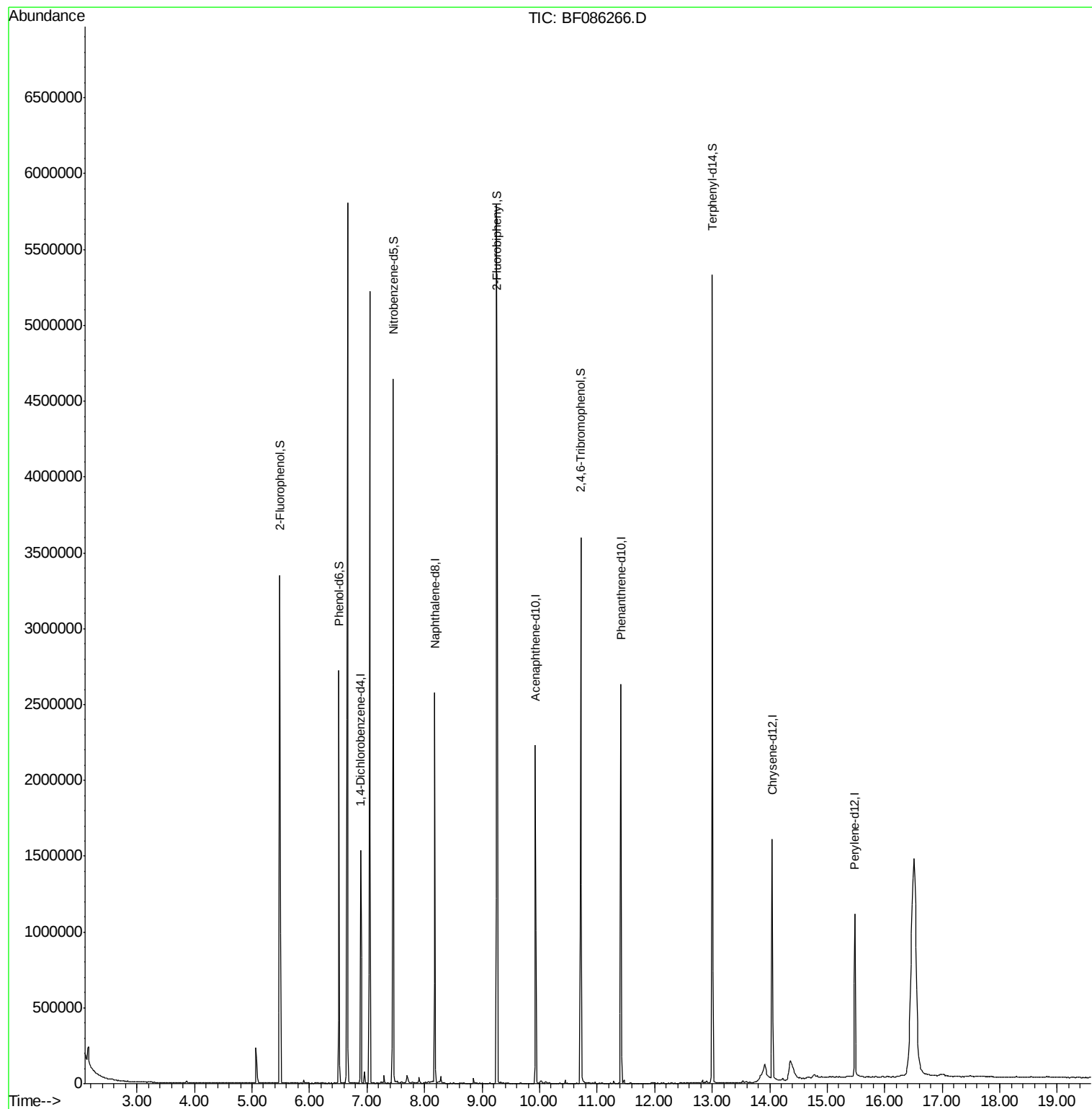
Target Compounds Qvalue

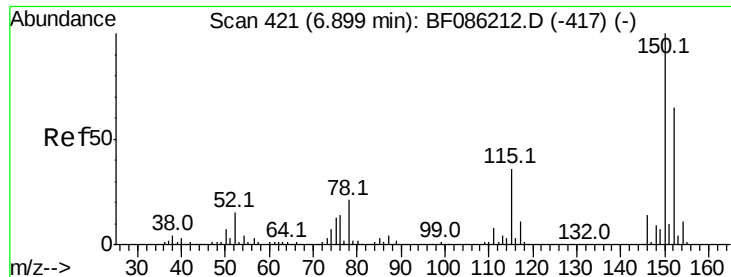
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampleId :

FB-1

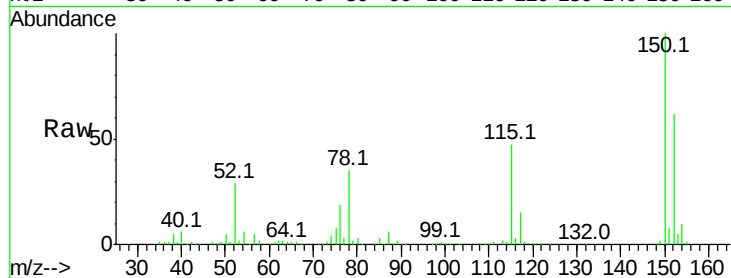
Tot Ion:152 Resp: 269227

Ion Ratio Lower Upper

152 100

150 160.5 124.1 186.1

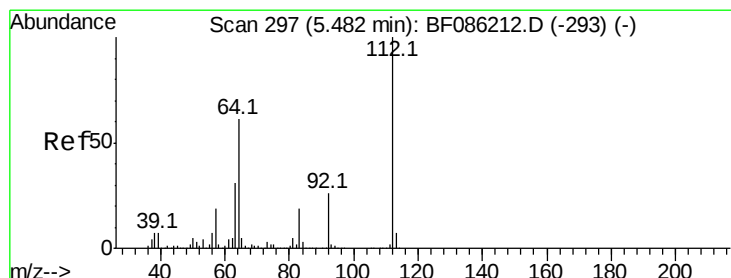
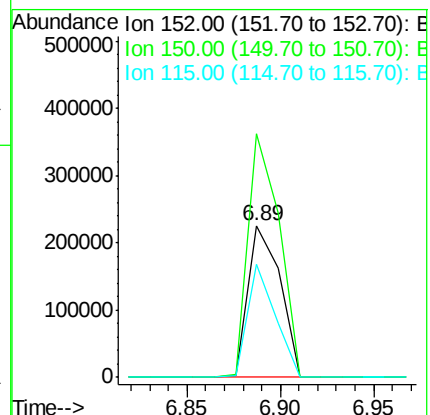
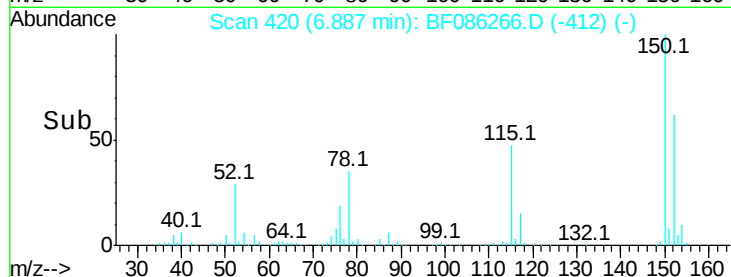
115 74.8 43.9 65.9#



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: 60.07 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

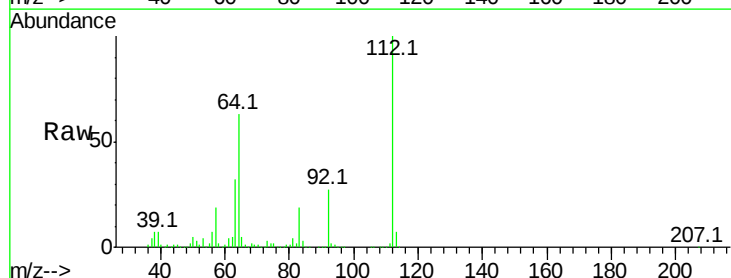
Tgt Ion:112 Resp: 987031

Ion Ratio Lower Upper

112 100

64 63.1 48.1 72.1

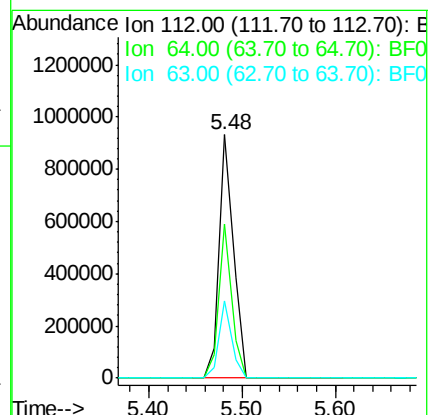
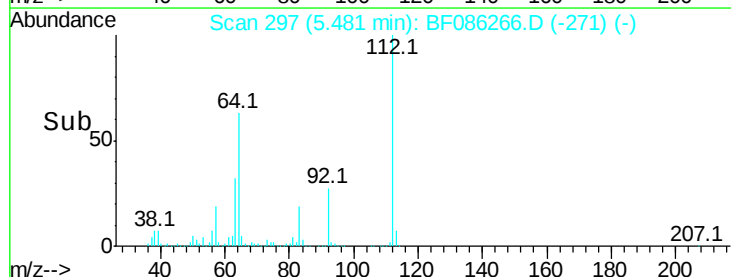
63 31.9 25.5 38.3

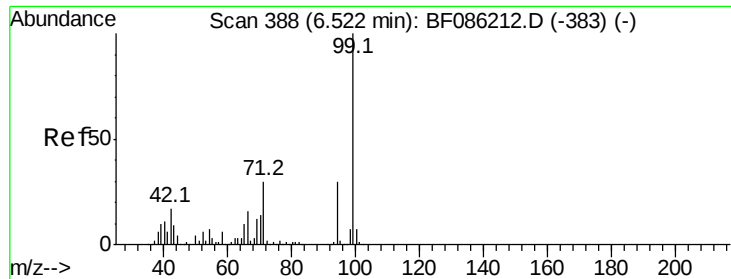


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.94 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampled :

FB-1

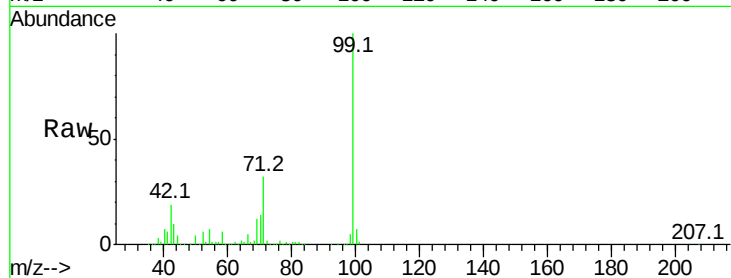
Tot Ion: 99 Resp: 820983

Ion Ratio Lower Upper

99 100

42 18.7 15.4 23.2

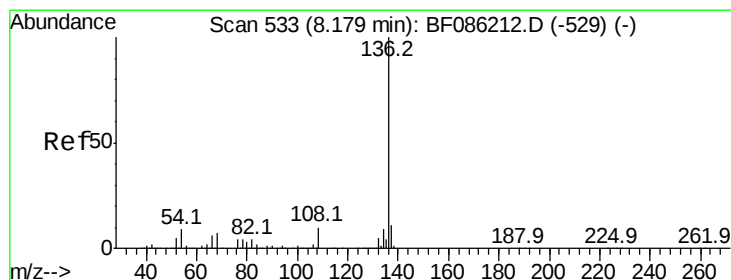
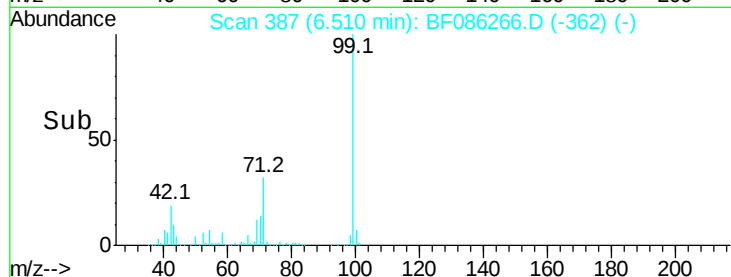
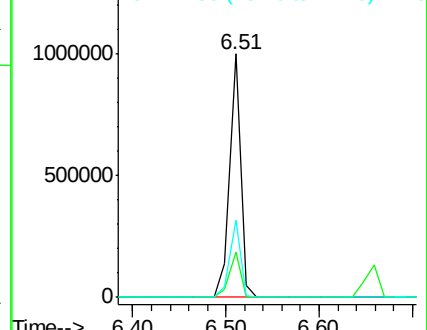
71 31.6 25.6 38.4



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: BF086266.D

Acq: 16 Apr 2016 15:21

Tgt Ion: 136 Resp: 1122726

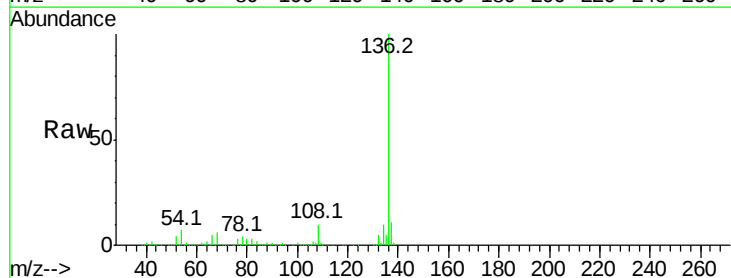
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.4 7.3 10.9

68 6.3 5.7 8.5

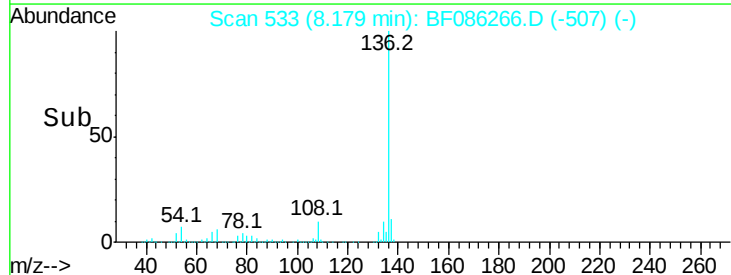
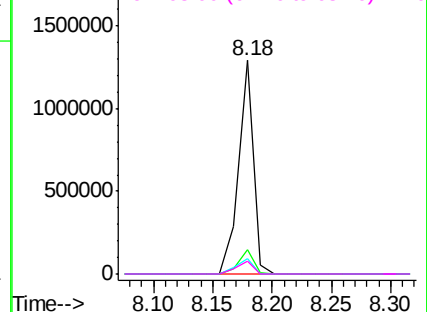


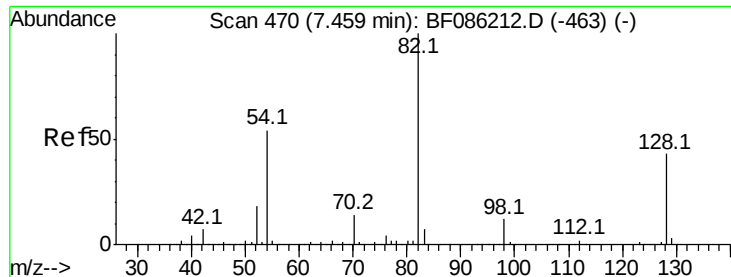
Abundance Ion 136.00 (135.70 to 136.70): E

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



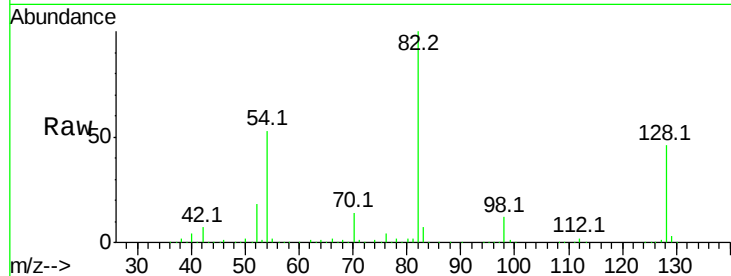


#23
 Nitrobenzene-d5
 Concen: 89.73 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

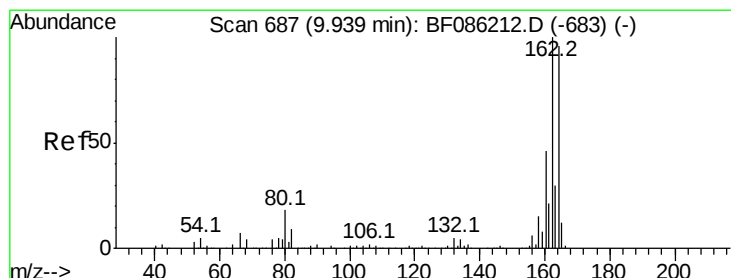
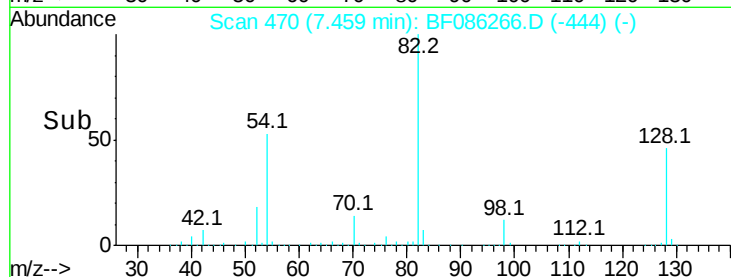
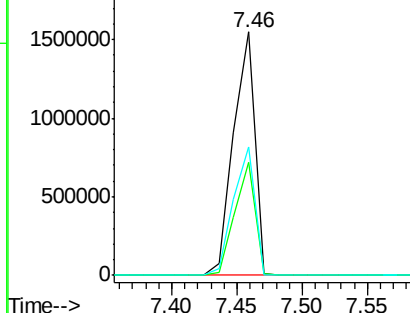
Instrument :
 BNA_F
 ClientSampled :
 FB-1

Tot Ion: 82 Resp: 1746598

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.4	53.2
54	52.5	43.4	65.0



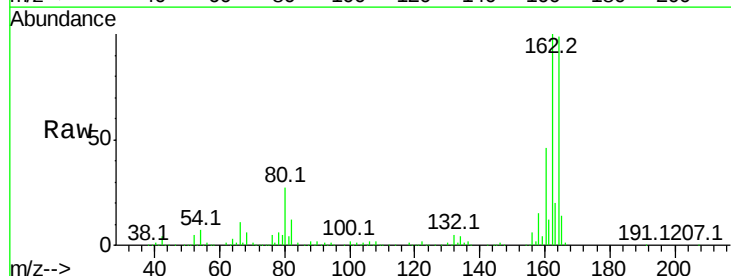
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



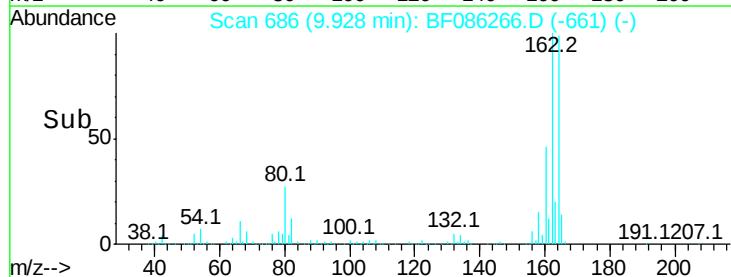
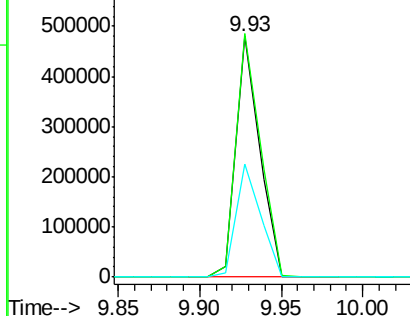
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

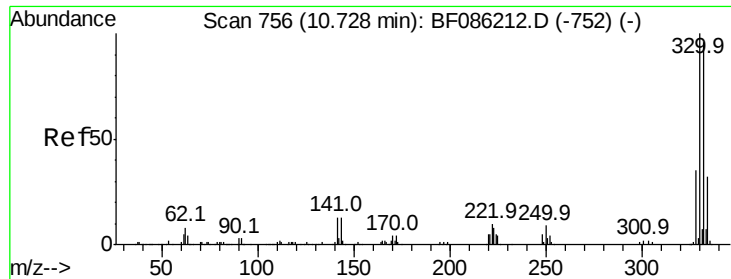
Tgt Ion:164 Resp: 477830

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.8	38.9	58.3



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

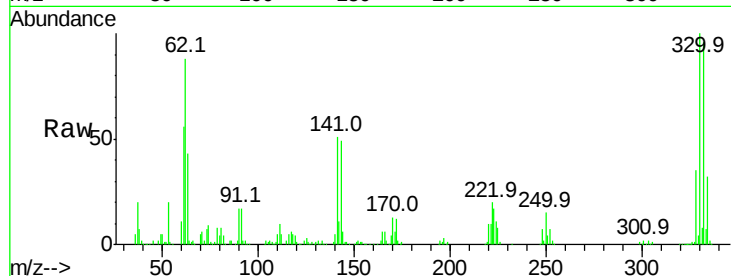




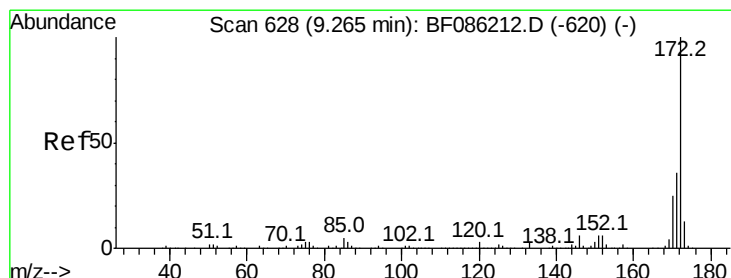
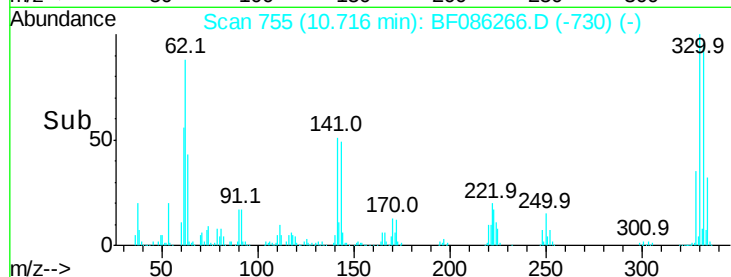
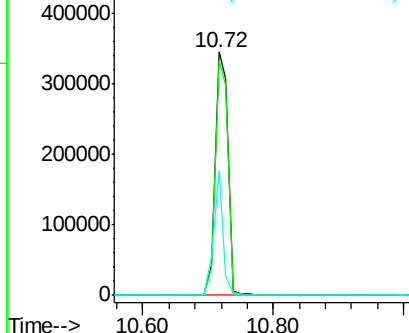
#41
 2,4,6-Tribromophenol
 Concen: 127.10 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	37.6	28.6	42.8

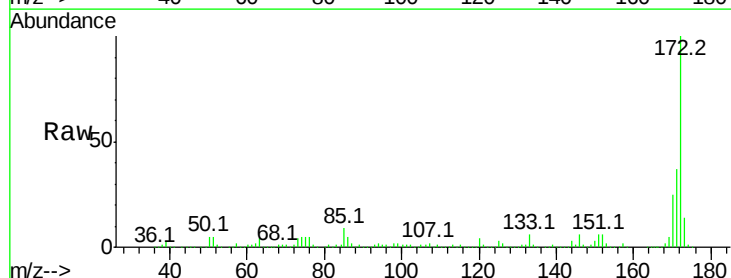


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

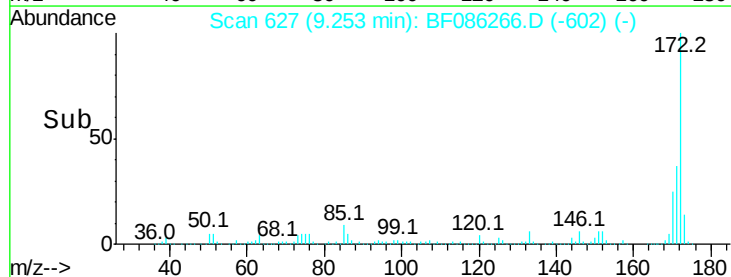
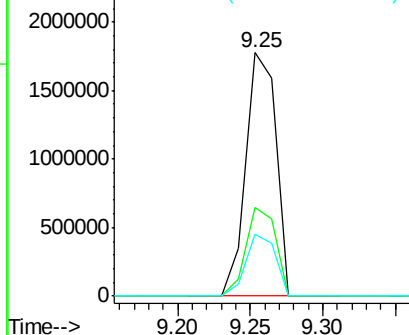


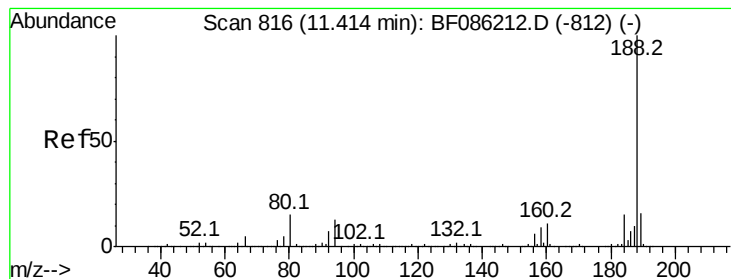
#44
 2-Fluorobiphenyl
 Concen: 98.83 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086266.D

Acq: 16 Apr 2016 15:21

Instrument :

BNA_F

ClientSampled :

FB-1

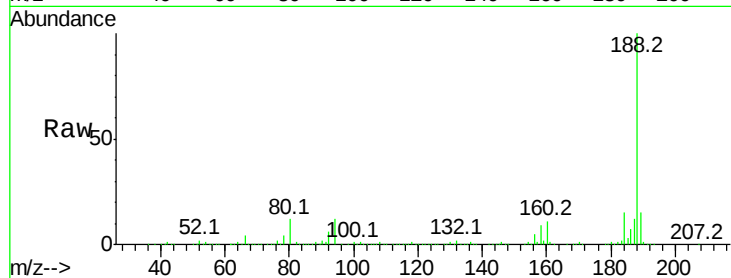
Tot Ion:188 Resp: 858423

Ion Ratio Lower Upper

188 100

94 11.6 9.8 14.8

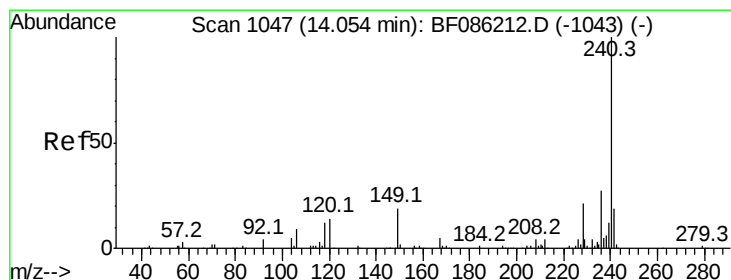
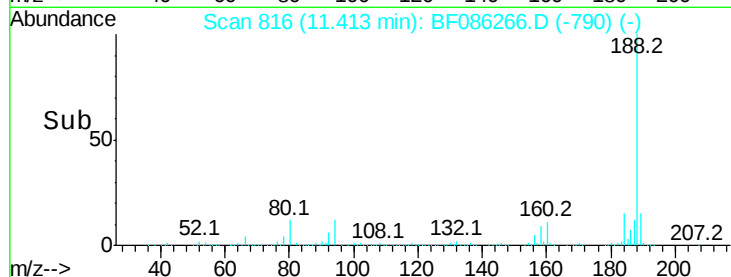
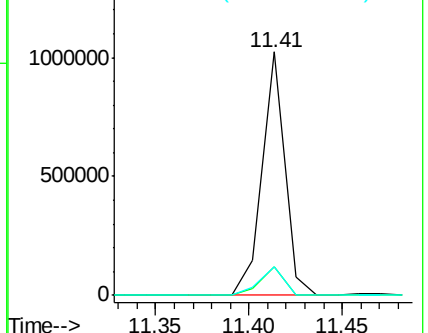
80 11.8 10.5 15.7



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: BF086266.D

Acq: 16 Apr 2016 15:21

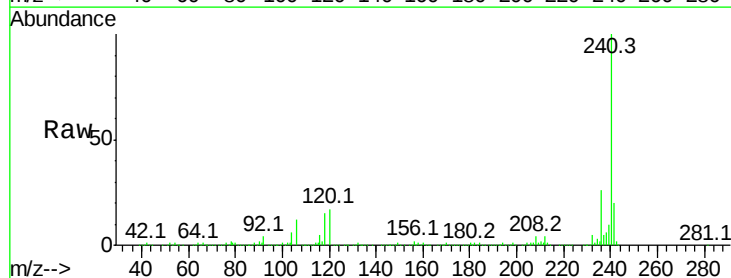
Tgt Ion:240 Resp: 502461

Ion Ratio Lower Upper

240 100

120 16.9 9.3 13.9#

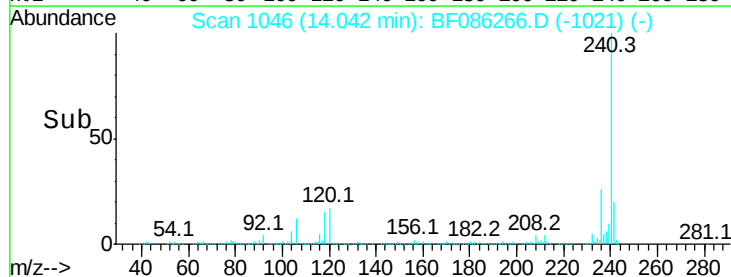
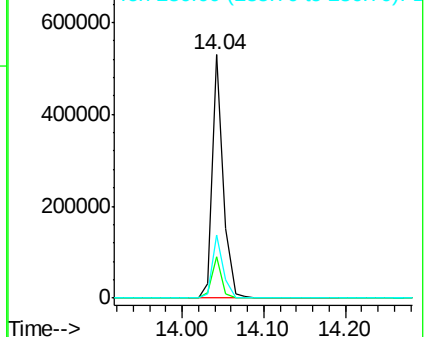
236 26.2 21.1 31.7

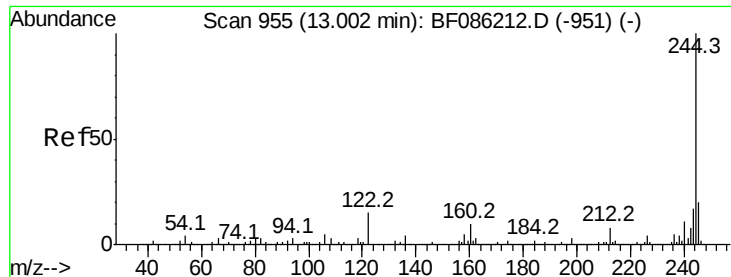


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

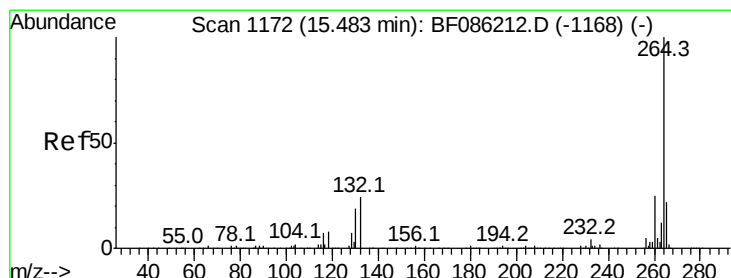
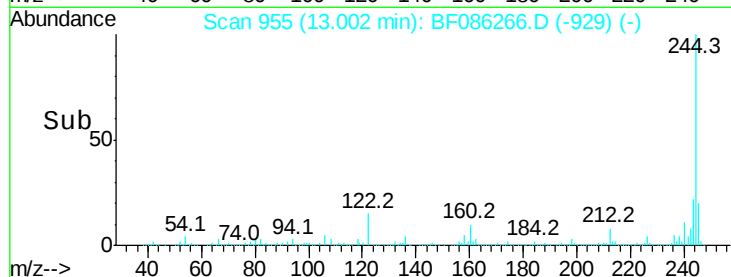
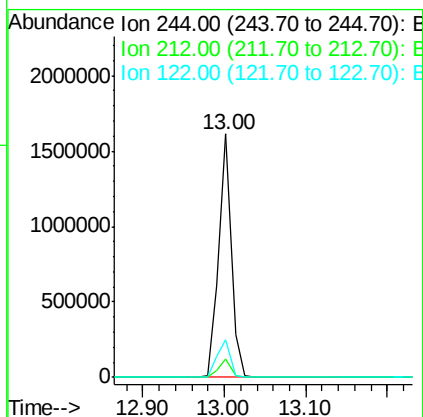
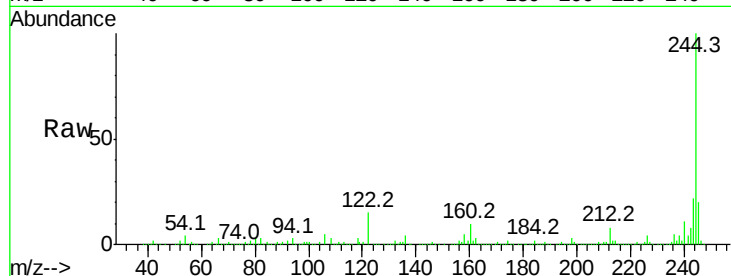




#78
 Terphenyl-d14
 Concen: 86.90 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Instrument :
 BNA_F
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 FB-1

Tot Ion:244 Resp: 1736386
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.3 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086266.D
 Acq: 16 Apr 2016 15:21

Tgt Ion:264 Resp: 478926
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 22.0 17.4 26.0

