

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086223.D
 Acq On : 15 Apr 2016 18:22
 Operator : UM/SJ
 Sample : H2531-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Apr 16 00:54:53 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

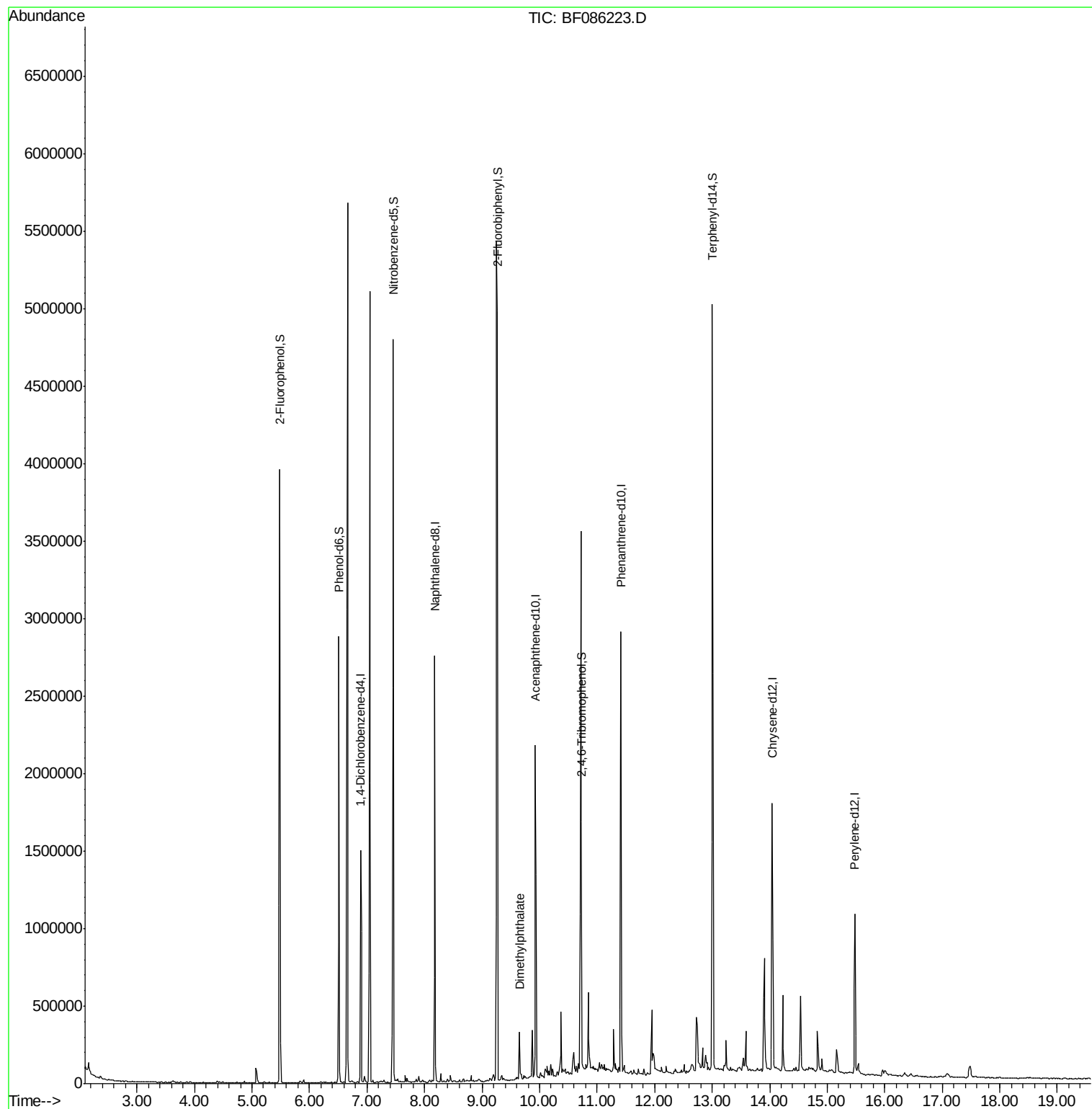
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	277605	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1184979	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	498335	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	909849	20.00	ng	0.00
75) Chrysene-d12	14.04	240	629913	20.00	ng	-0.01
86) Perylene-d12	15.48	264	463044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1057516	62.42	ng	0.00
7) Phenol-d6	6.51	99	981576	46.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1779501	86.62	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517992	129.45	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2587933	95.83	ng	0.00
78) Terphenyl-d14	13.00	244	1966805	78.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	182176	5.03	ng	Qvalue 97

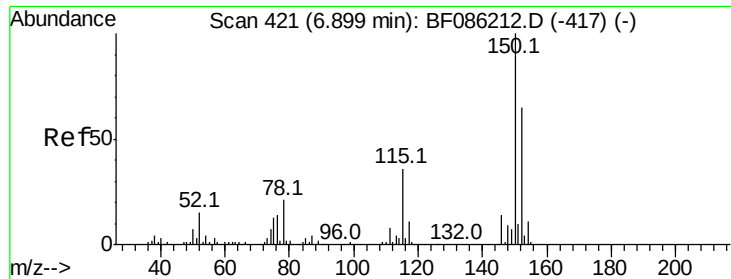
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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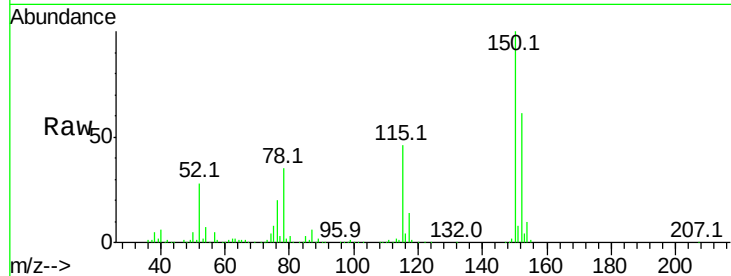


#1

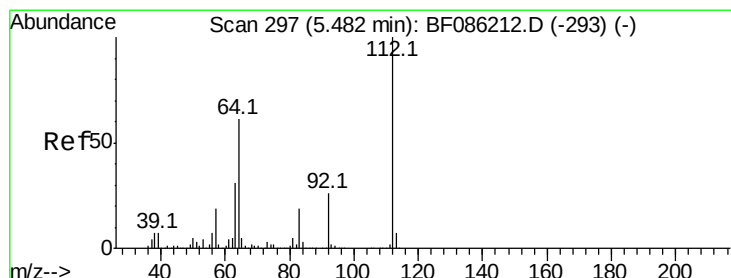
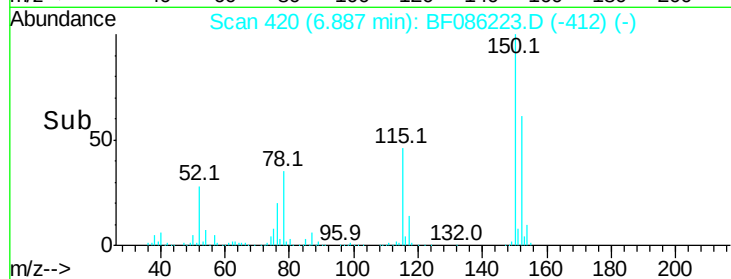
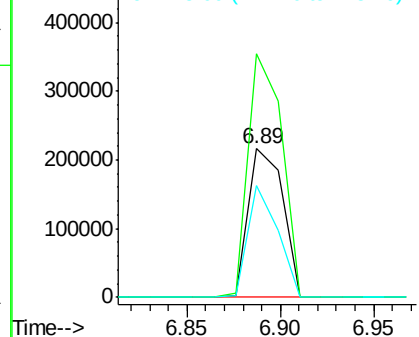
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:152 Resp: 277605
Ion Ratio Lower Upper
152 100
150 163.6 124.1 186.1
115 75.3 43.9 65.9#



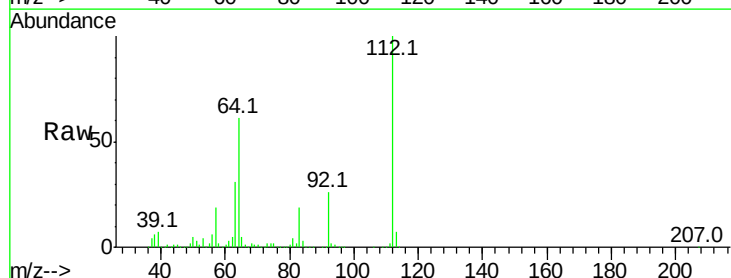
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



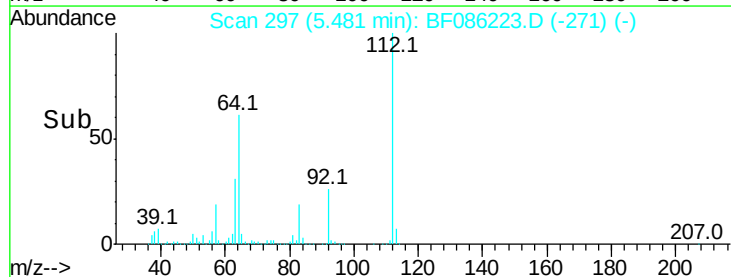
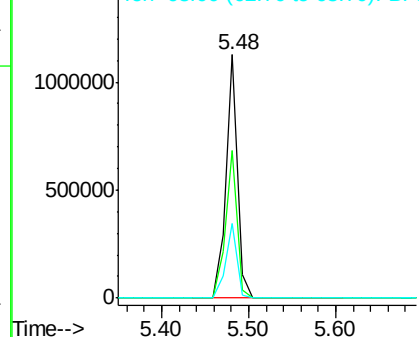
#5

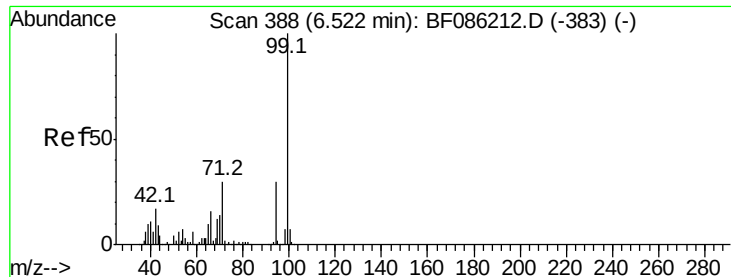
2-Fluorophenol
Concen: 62.42 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Tgt Ion:112 Resp: 1057516
Ion Ratio Lower Upper
112 100
64 60.5 48.1 72.1
63 30.8 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: 46.32 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampleId :

DSN001

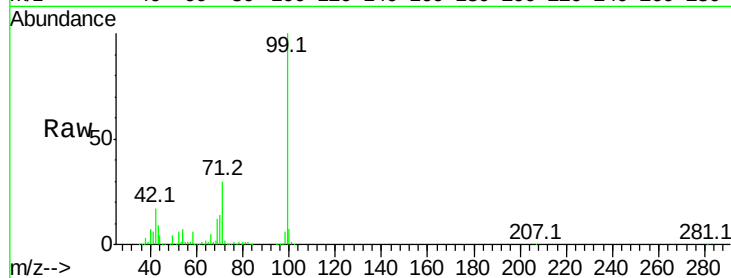
Tot Ion: 99 Resp: 981576

Ion Ratio Lower Upper

99 100

42 17.2 15.4 23.2

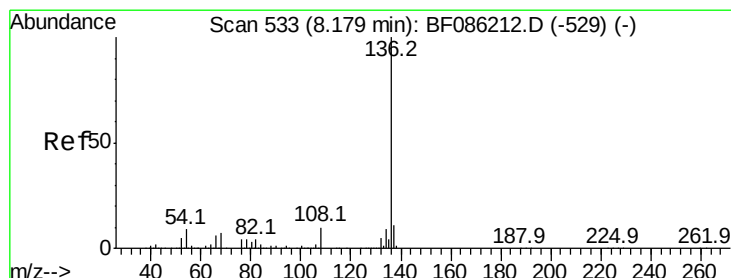
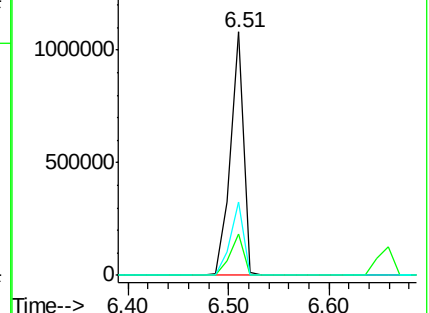
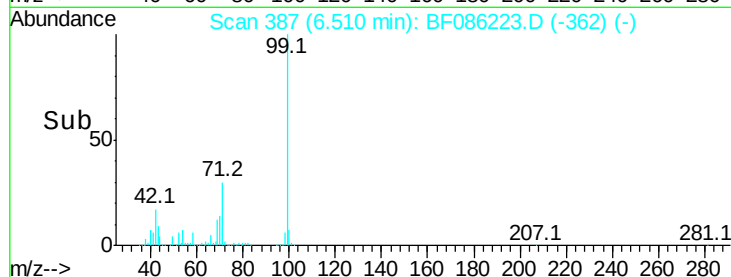
71 30.4 25.6 38.4



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: BF086223.D

Acq: 15 Apr 2016 18:22

Tgt Ion: 136 Resp: 1184979

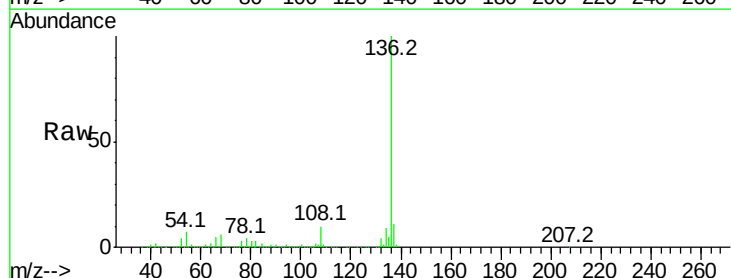
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.5 7.3 10.9

68 6.3 5.7 8.5

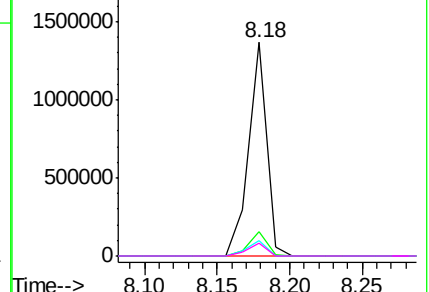
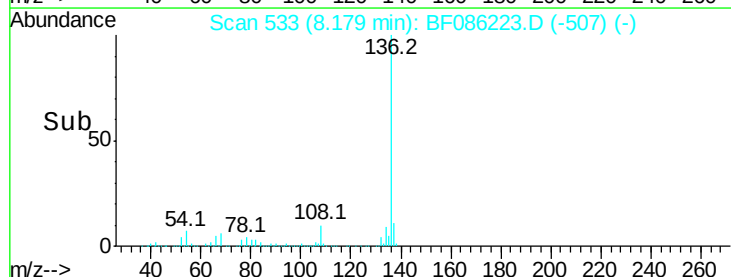


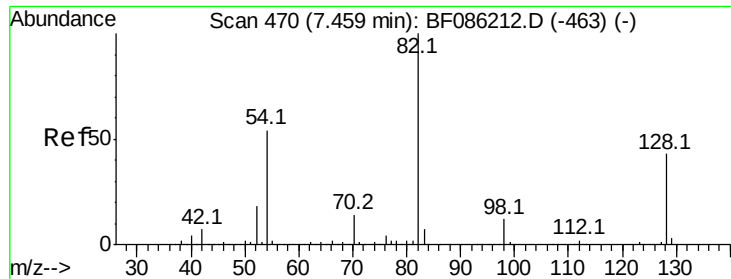
Abundance Ion 136.00 (135.70 to 136.70): E

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

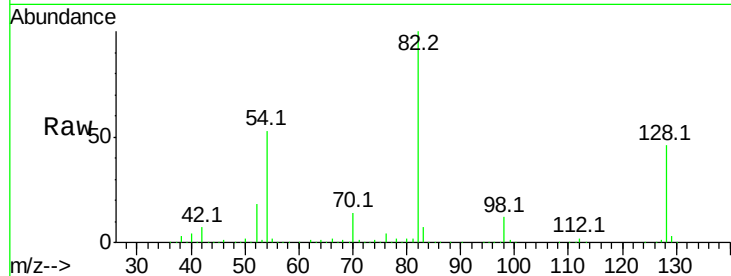




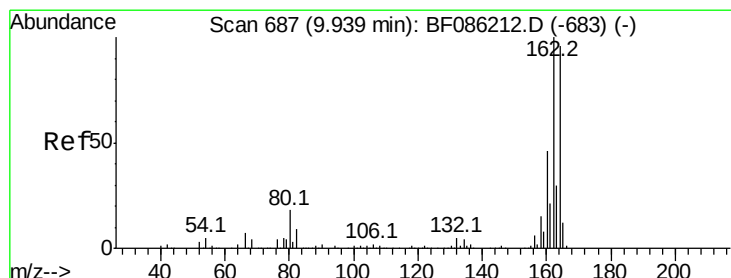
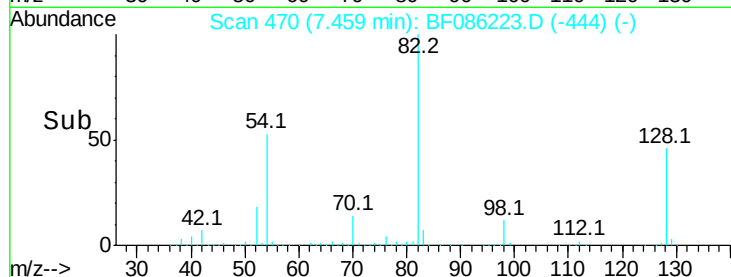
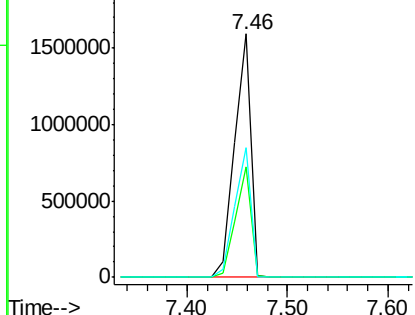
#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion: 82 Resp: 1779501
Ion Ratio Lower Upper
82 100
128 45.6 35.4 53.2
54 53.5 43.4 65.0

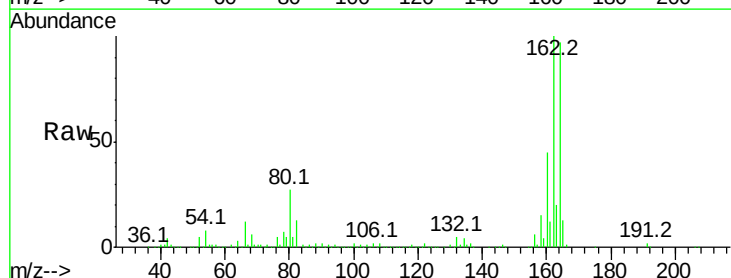


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

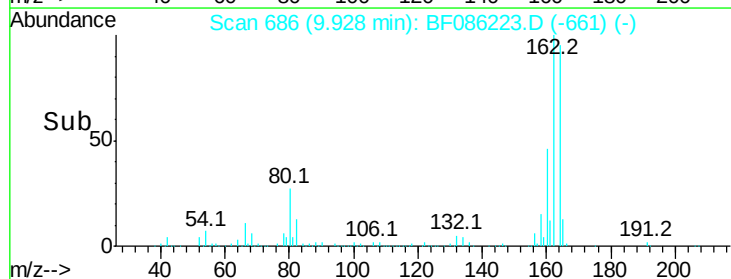
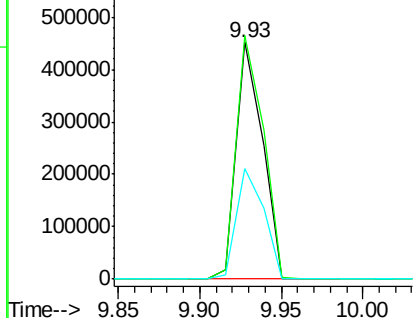


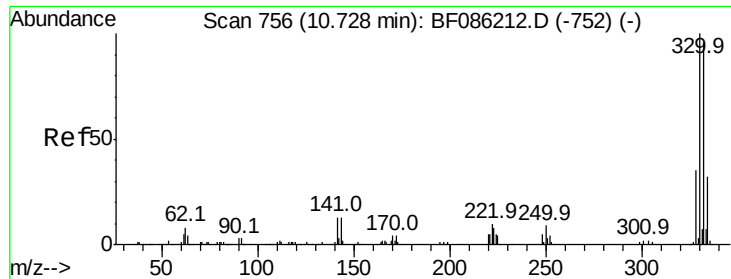
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Tgt Ion:164 Resp: 498335
Ion Ratio Lower Upper
164 100
162 102.9 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

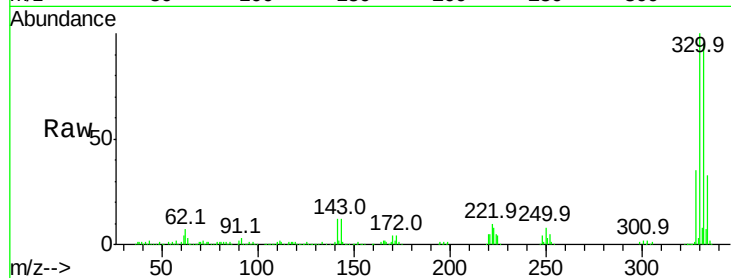




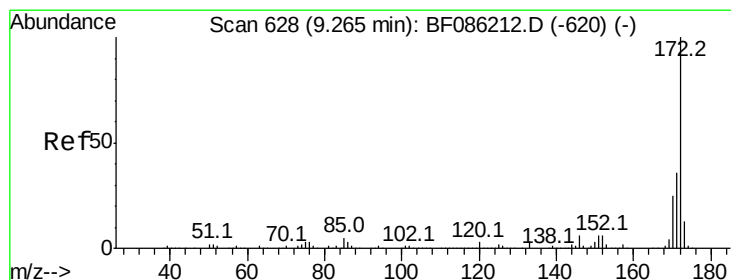
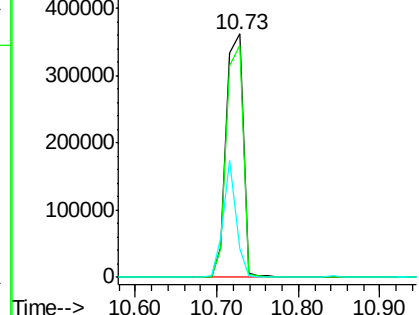
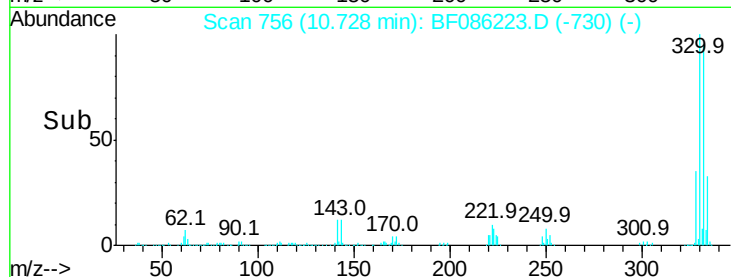
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.7	118.1
141	37.4	28.6	42.8

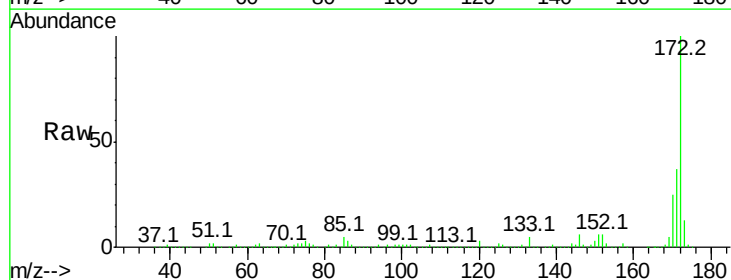


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

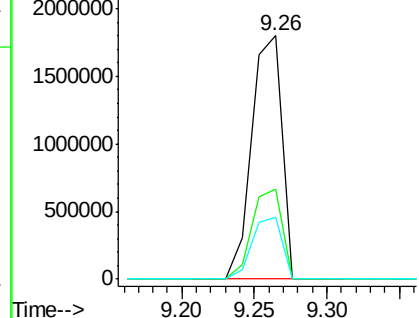
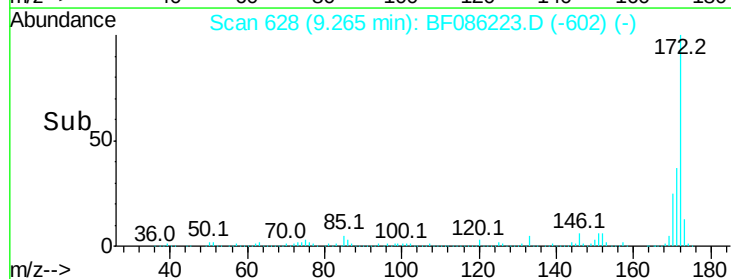


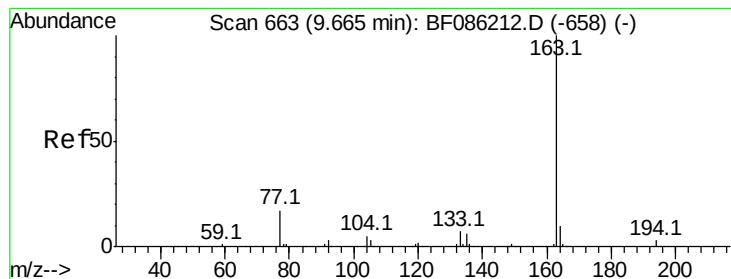
#44
 2-Fluorobiphenyl
 Concen: 95.83 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	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: 5.03 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampleId :

DSN001

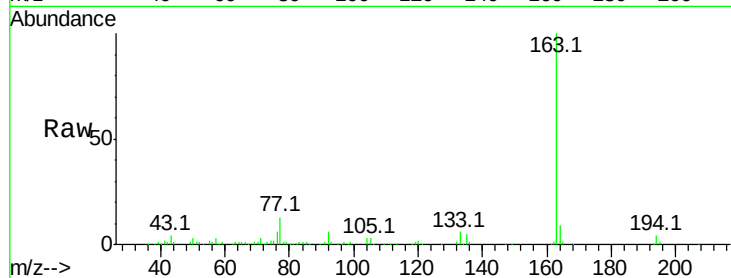
Tot Ion:163 Resp: 182176

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

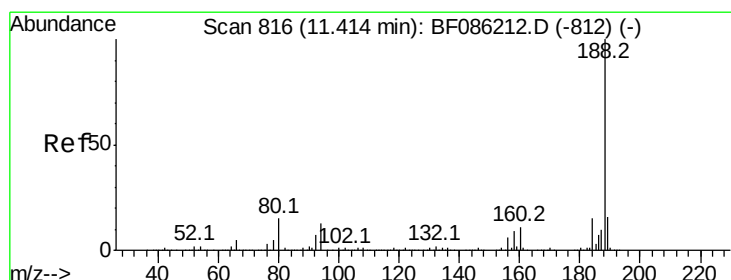
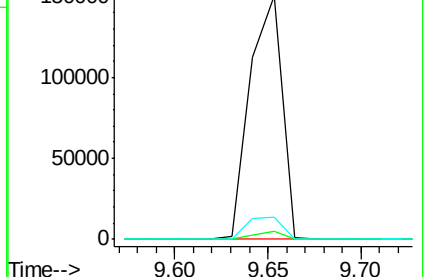
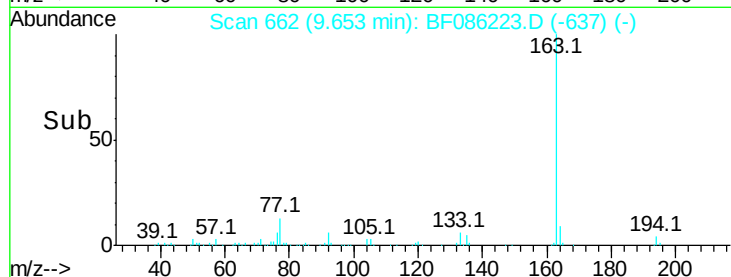
164 9.0 8.4 12.6



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: BF086223.D

Acq: 15 Apr 2016 18:22

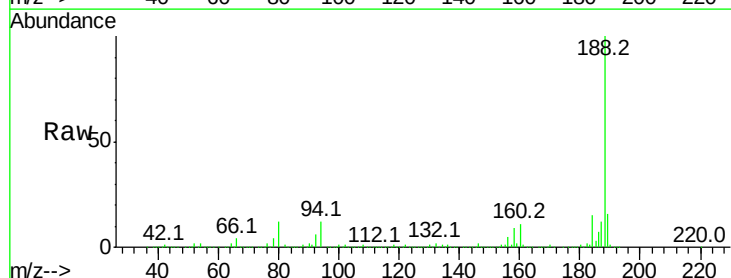
Tgt Ion:188 Resp: 909849

Ion Ratio Lower Upper

188 100

94 11.6 9.8 14.8

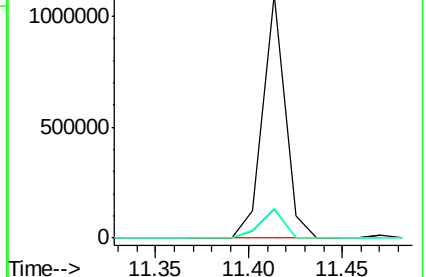
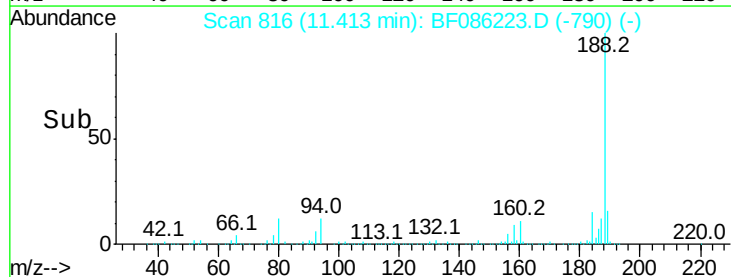
80 12.3 10.5 15.7

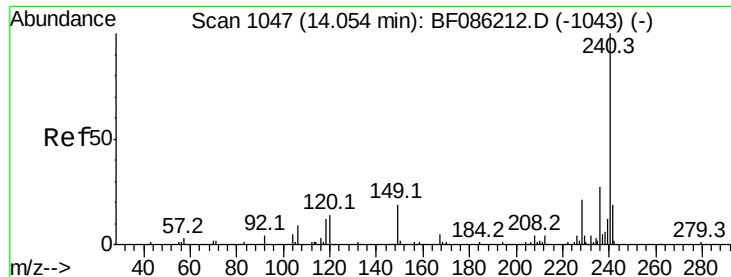


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampleId :

DSN001

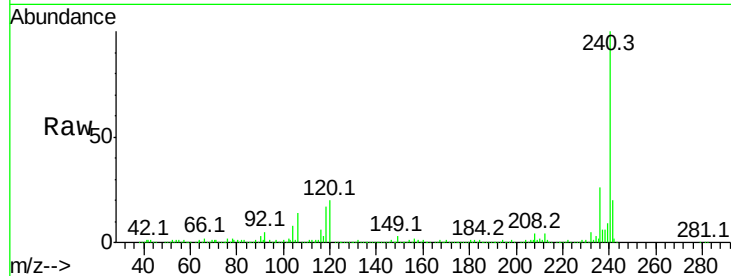
Tot Ion:240 Resp: 629913

Ion Ratio Lower Upper

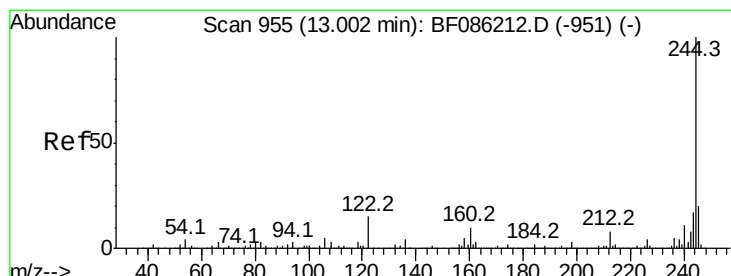
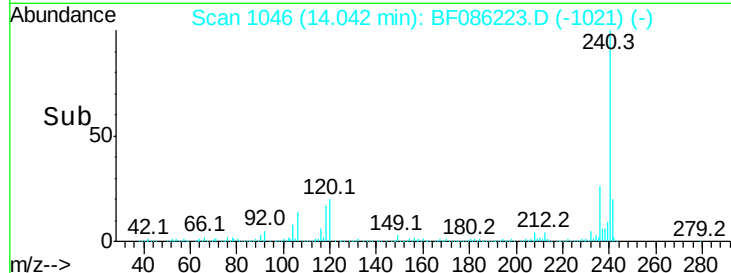
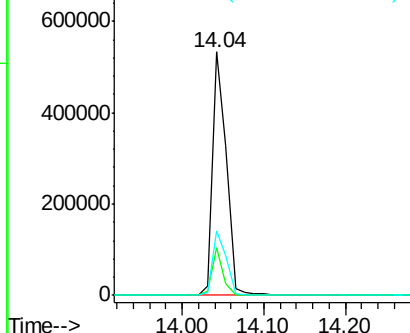
240 100

120 19.9 9.3 13.9#

236 26.5 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: 78.51 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

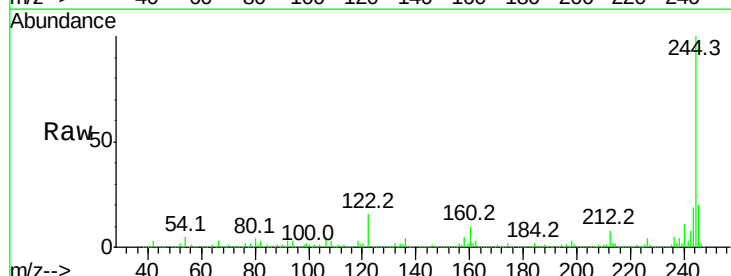
Tgt Ion:244 Resp: 1966805

Ion Ratio Lower Upper

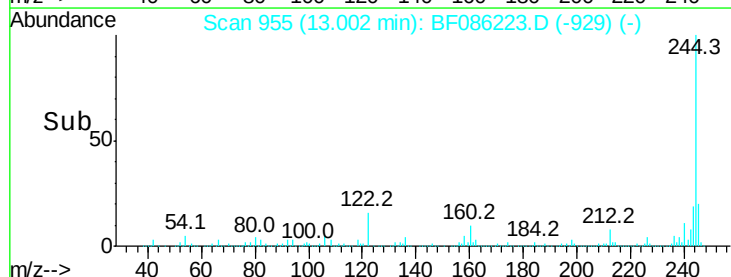
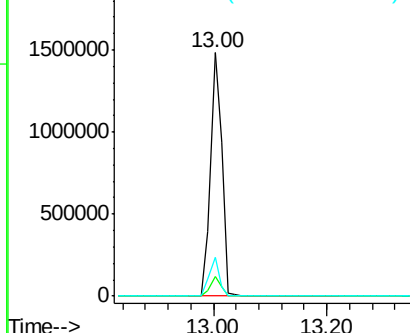
244 100

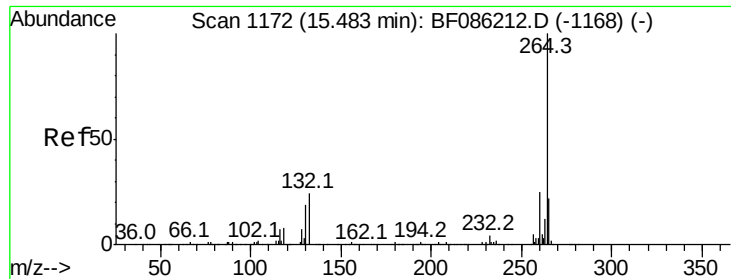
212 8.0 6.4 9.6

122 16.2 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

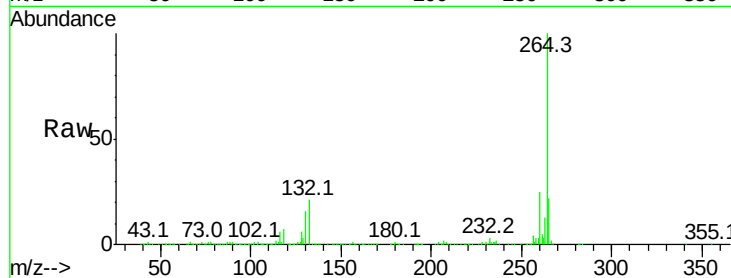




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.5	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

