

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086757.D
 Acq On : 7 May 2016 7:05
 Operator : UM/SJ
 Sample : H2720-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS1

Quant Time: May 07 23:05:56 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

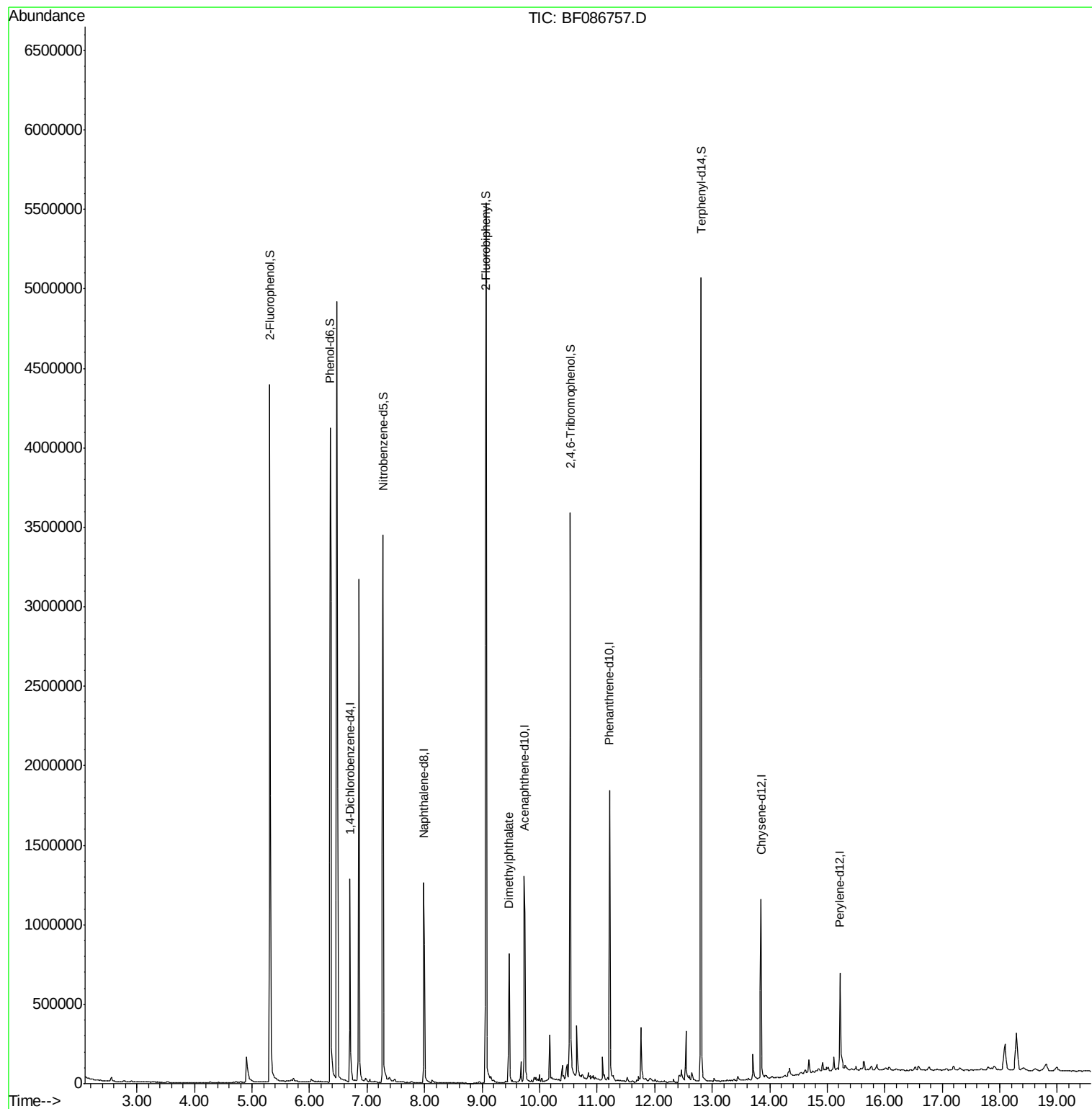
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	188464	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	761501	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	365607	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	665882	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	469293	40.00	ng	-0.03
86) Perylene-d12	15.22	264	344580	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1333319	117.12	ng	-0.01
7) Phenol-d6	6.36	99	1930161	125.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1215629	82.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	526207	147.13	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1977192	88.65	ng	-0.03
78) Terphenyl-d14	12.81	244	1706511	73.49	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.47	163	323600	11.87	ng	Qvalue 99

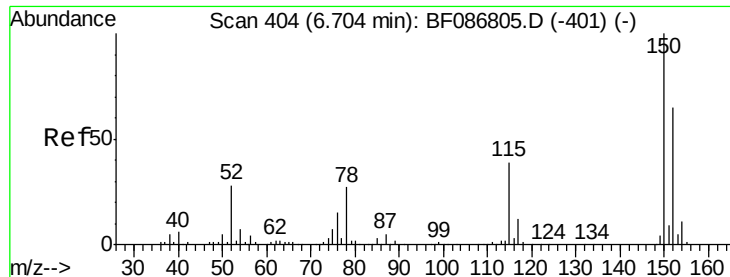
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

Instrument :

BNA_F

ClientSampleId :

SS1

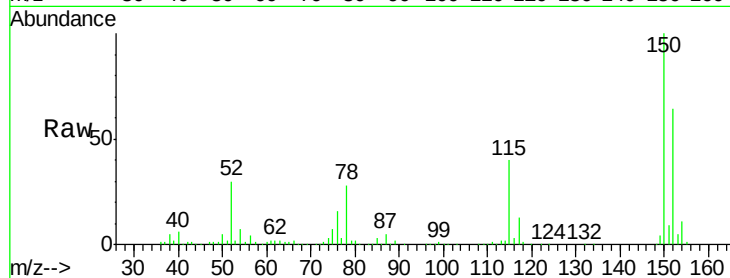
Tgt Ion:152 Resp: 188464

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

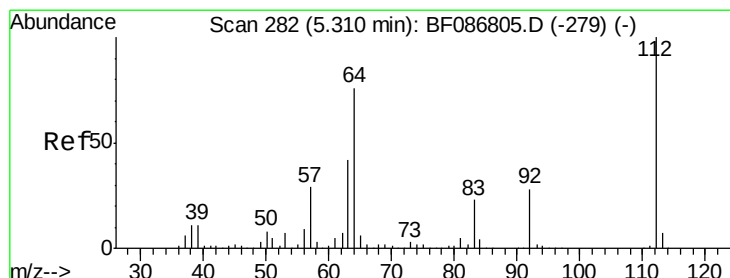
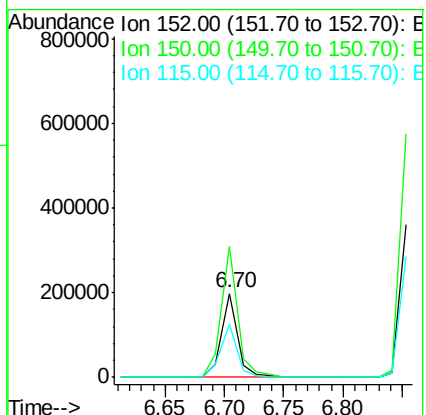
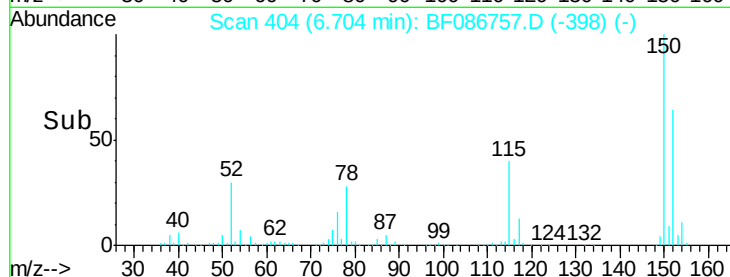
115 62.7 51.5 77.3



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: 117.12 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

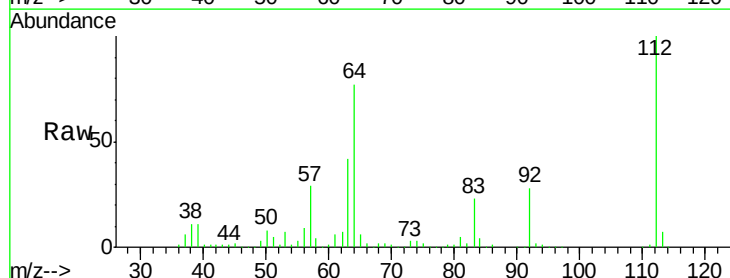
Tgt Ion:112 Resp: 1333319

Ion Ratio Lower Upper

112 100

64 77.1 52.1 78.1

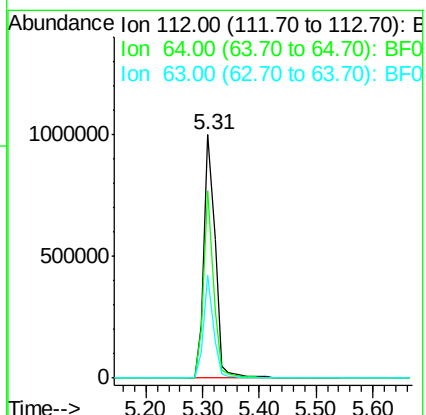
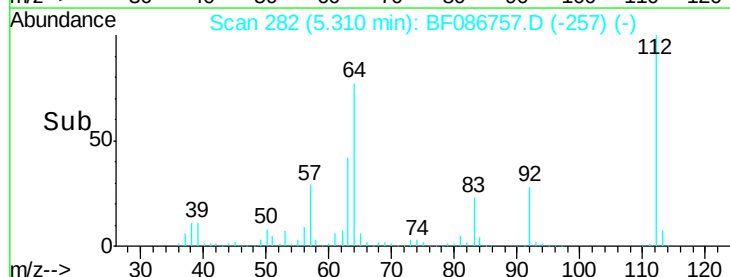
63 42.2 25.7 38.5

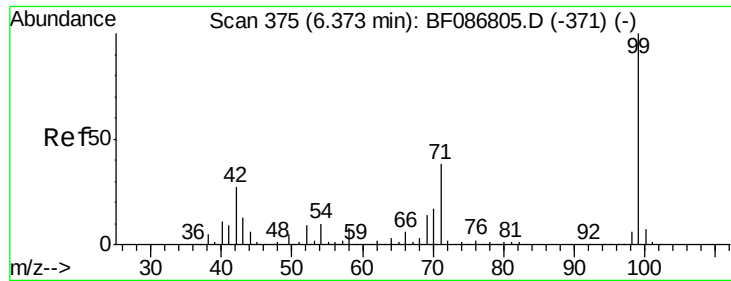


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.87 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

Instrument :

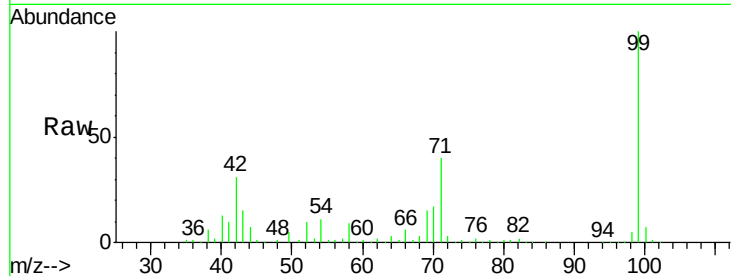
BNA_F

ClientSampleId :

SS1

Tgt Ion: 99 Resp: 1930161

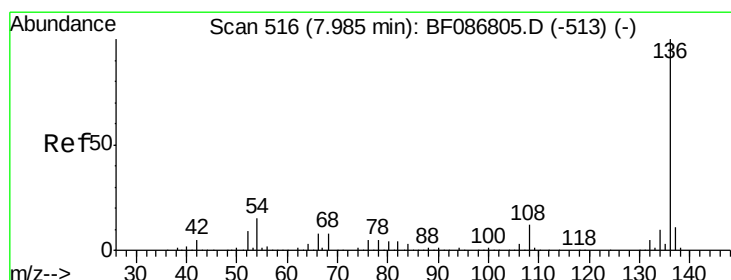
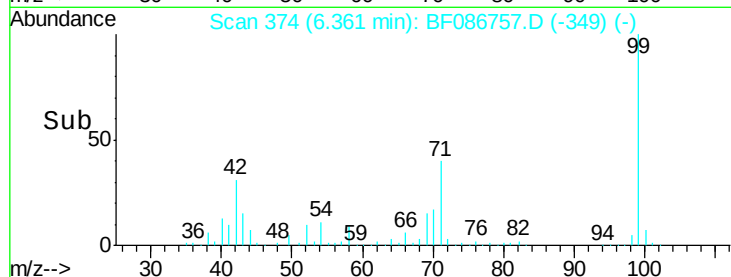
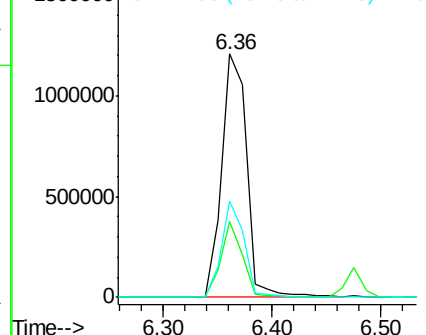
Ion	Ratio	Lower	Upper
99	100		
42	31.0	13.6	20.4#
71	39.8	24.6	36.8#



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: 7.98 min Scan# 516

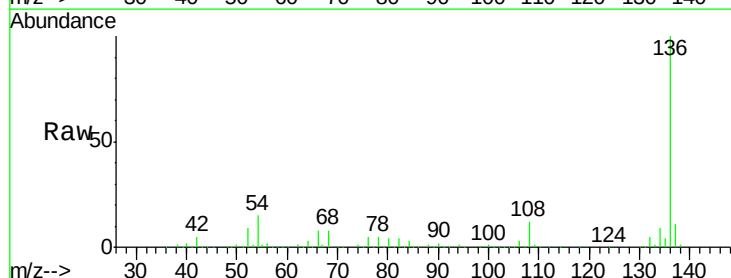
Delta R.T. -0.05 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

Tgt Ion: 136 Resp: 761501

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	14.7	5.0	7.4#
68	8.0	4.4	6.6#

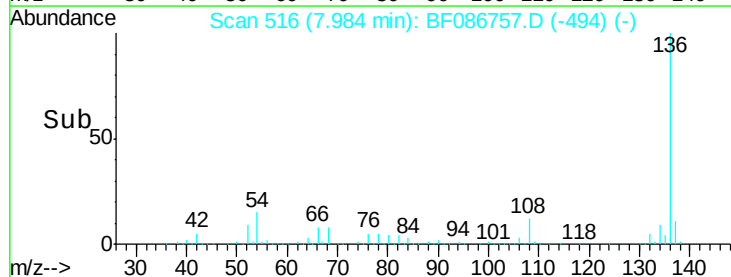
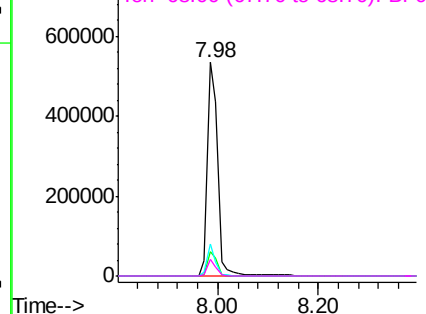


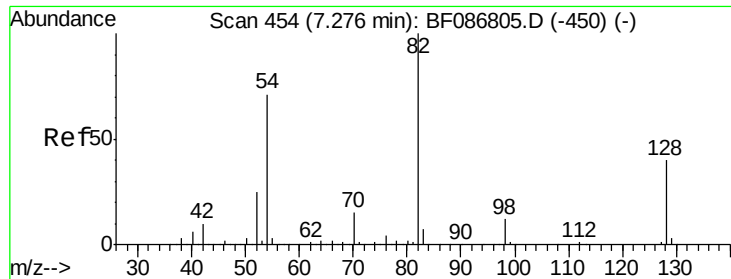
Abundance Ion 136.00 (135.70 to 136.70): E

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

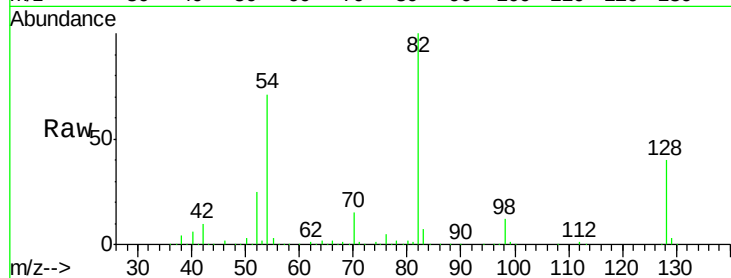




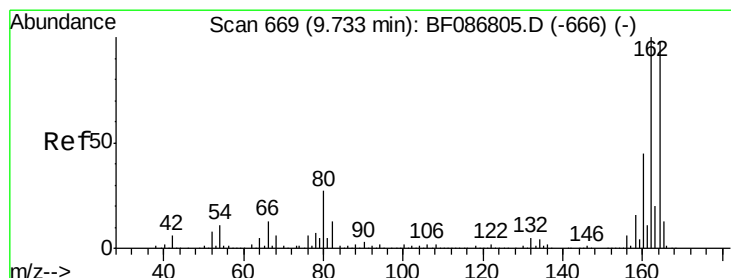
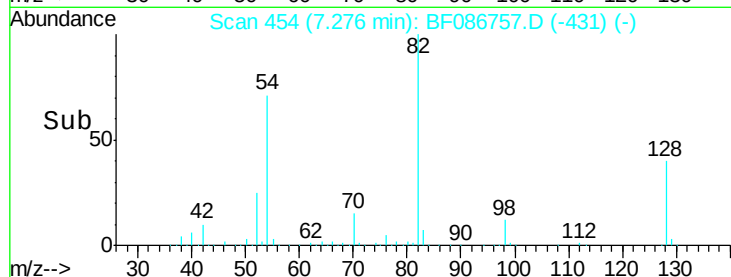
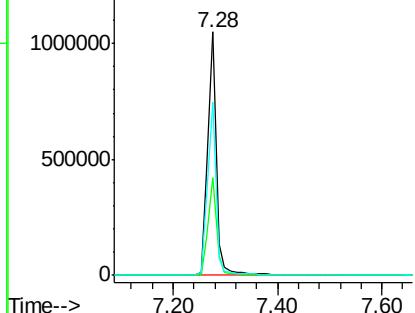
#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086757.D
 Acq: 7 May 2016 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SS1

Tgt Ion: 82 Resp: 1215629
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 71.3 38.1 57.1#

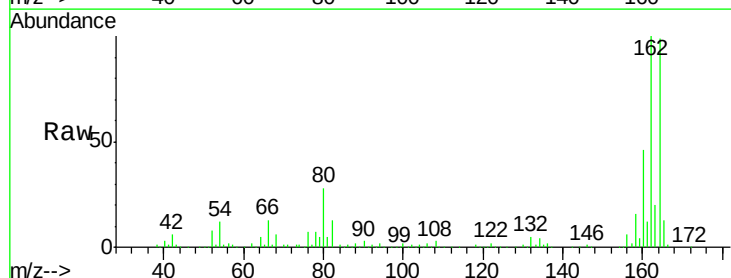


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

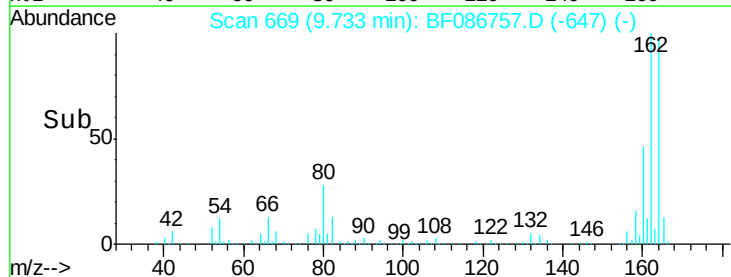
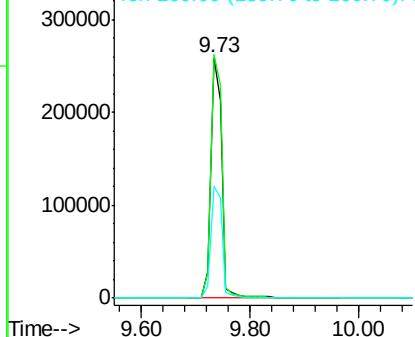


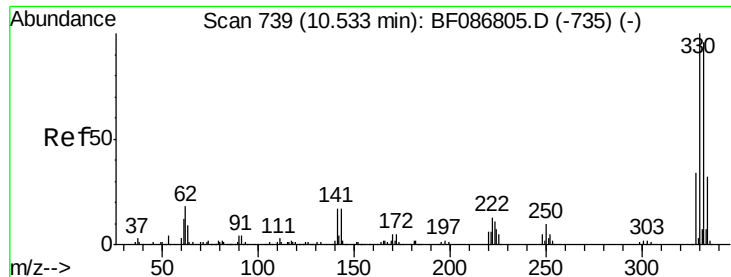
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.05 min
 Lab File: BF086757.D
 Acq: 7 May 2016 7:05

Tgt Ion: 164 Resp: 365607
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 46.7 36.9 55.3



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

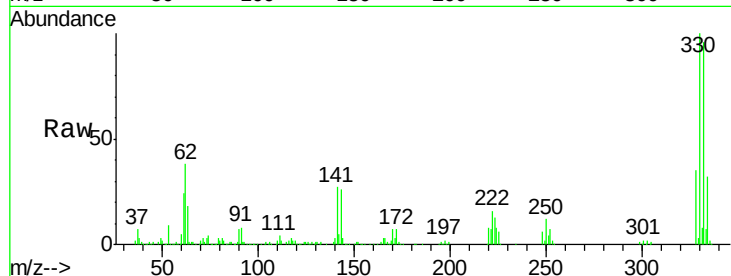




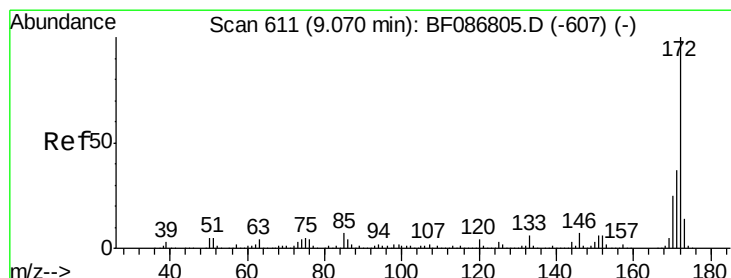
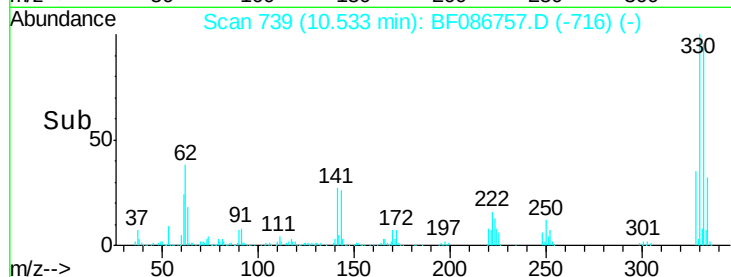
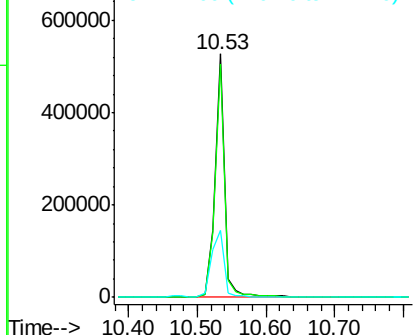
#41
 2,4,6-Tribromophenol
 Concen: 147.13 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086757.D
 Acq: 7 May 2016 7:05

Instrument :
 BNA_F
 ClientSampleId :
 SS1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	36.3	31.2	46.8

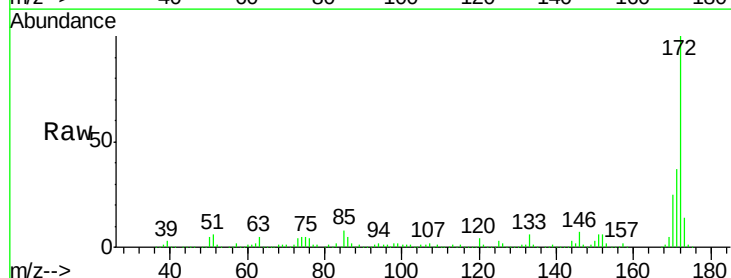


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

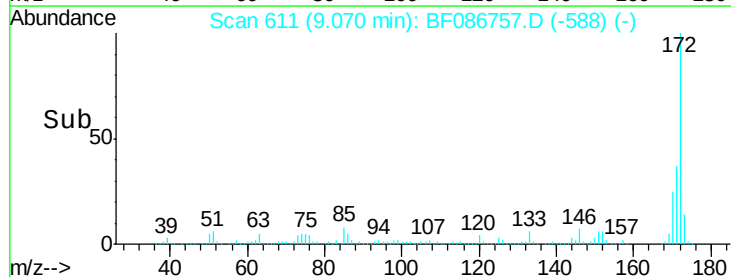
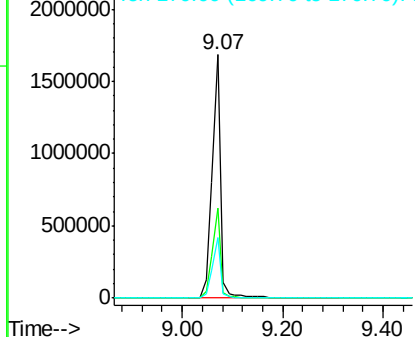


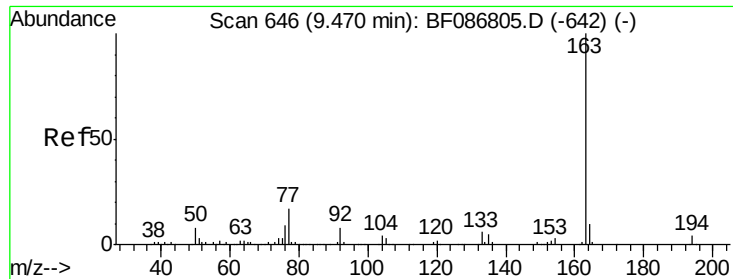
#44
 2-Fluorobiphenyl
 Concen: 88.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086757.D
 Acq: 7 May 2016 7:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.0	19.8	29.8



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

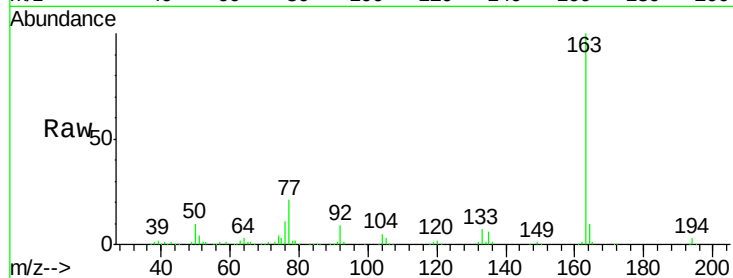




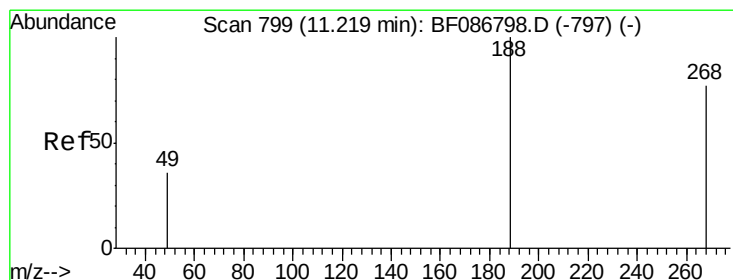
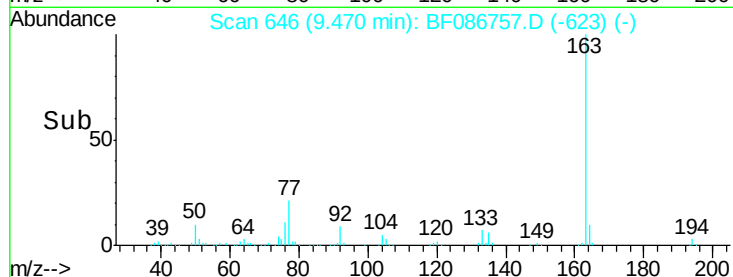
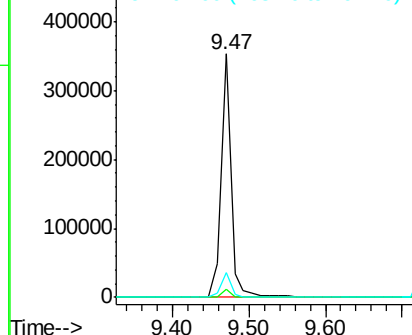
#49
Dimethylphthalate
Concen: 11.87 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion:163 Resp: 323600
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 8.2 12.4

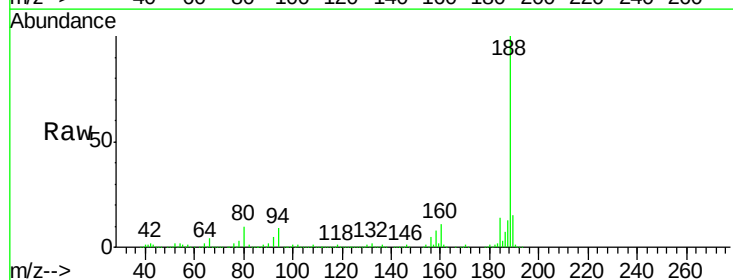


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

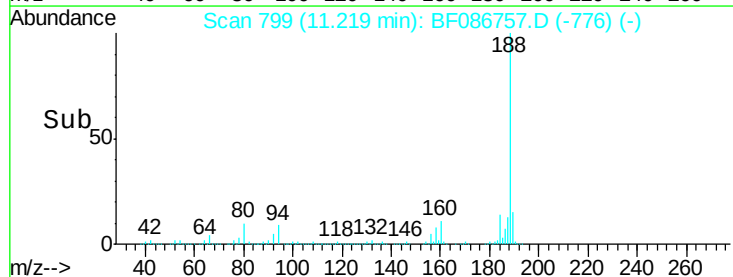
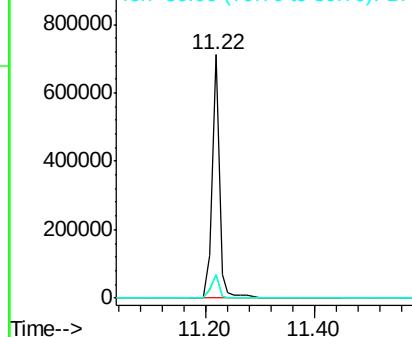


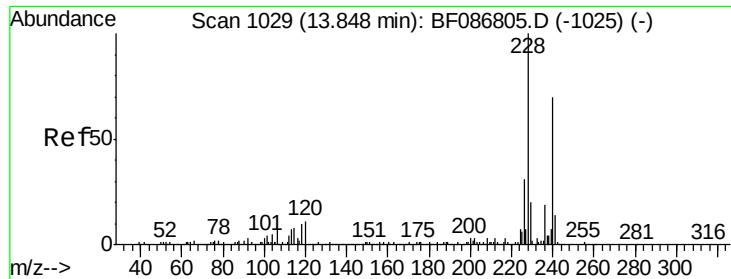
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Tgt Ion:188 Resp: 665882
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 9.9 7.1 10.7



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

Instrument :

BNA_F

ClientSampled :

SS1

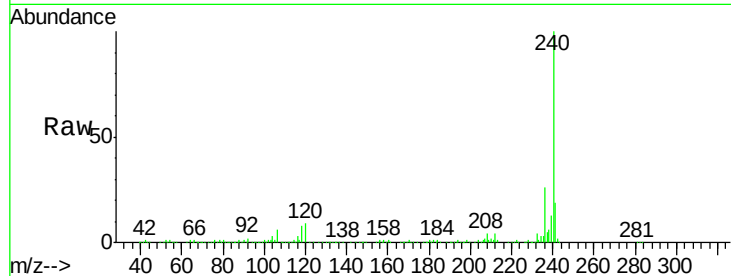
Tgt Ion:240 Resp: 469293

Ion Ratio Lower Upper

240 100

120 9.3 11.2 16.8#

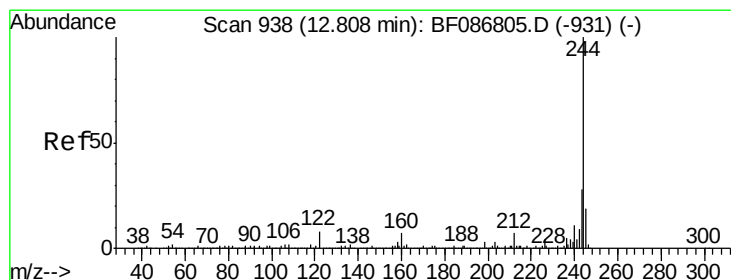
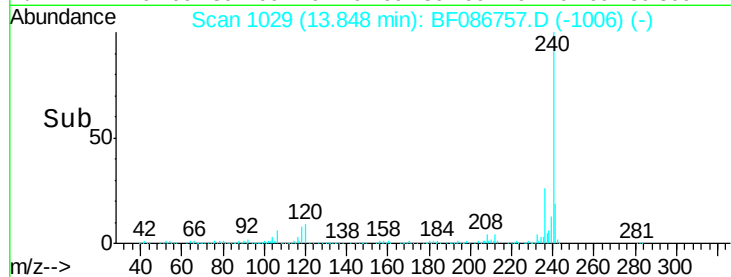
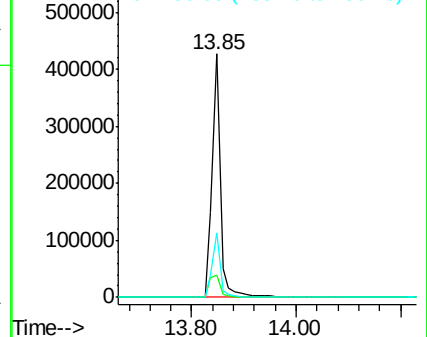
236 26.4 21.2 31.8



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: 73.49 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086757.D

Acq: 7 May 2016 7:05

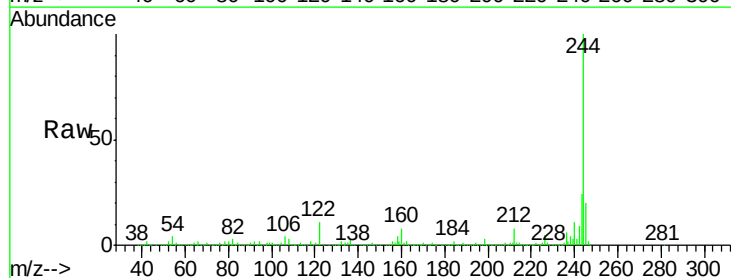
Tgt Ion:244 Resp: 1706511

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

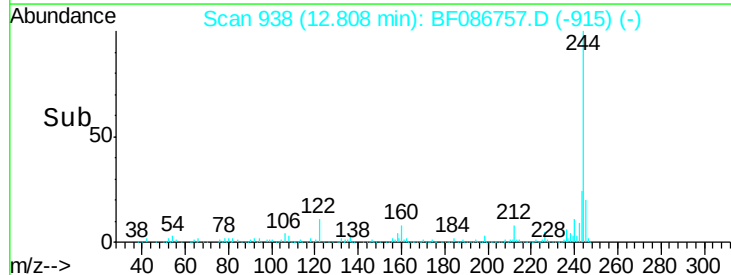
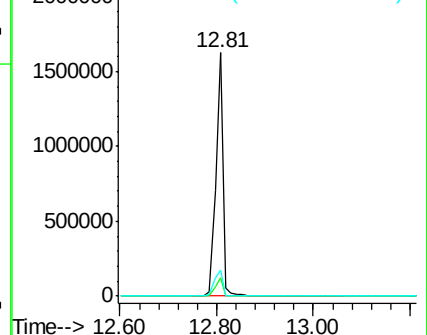
122 10.8 12.0 18.0#

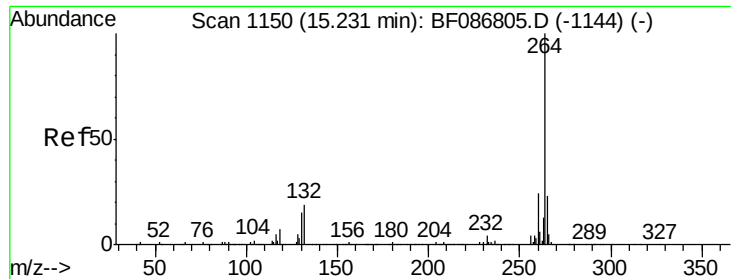


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086757.D
Acq: 7 May 2016 7:05

Instrument :
BNA_F
ClientSampleId :
SS1

Tgt Ion: 264 Resp: 344580
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.5 17.3 25.9

