

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085282.D
 Acq On : 9 Mar 2016 3:43
 Operator : UM/SJ
 Sample : H1703-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Quant Time: Mar 09 04:40:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

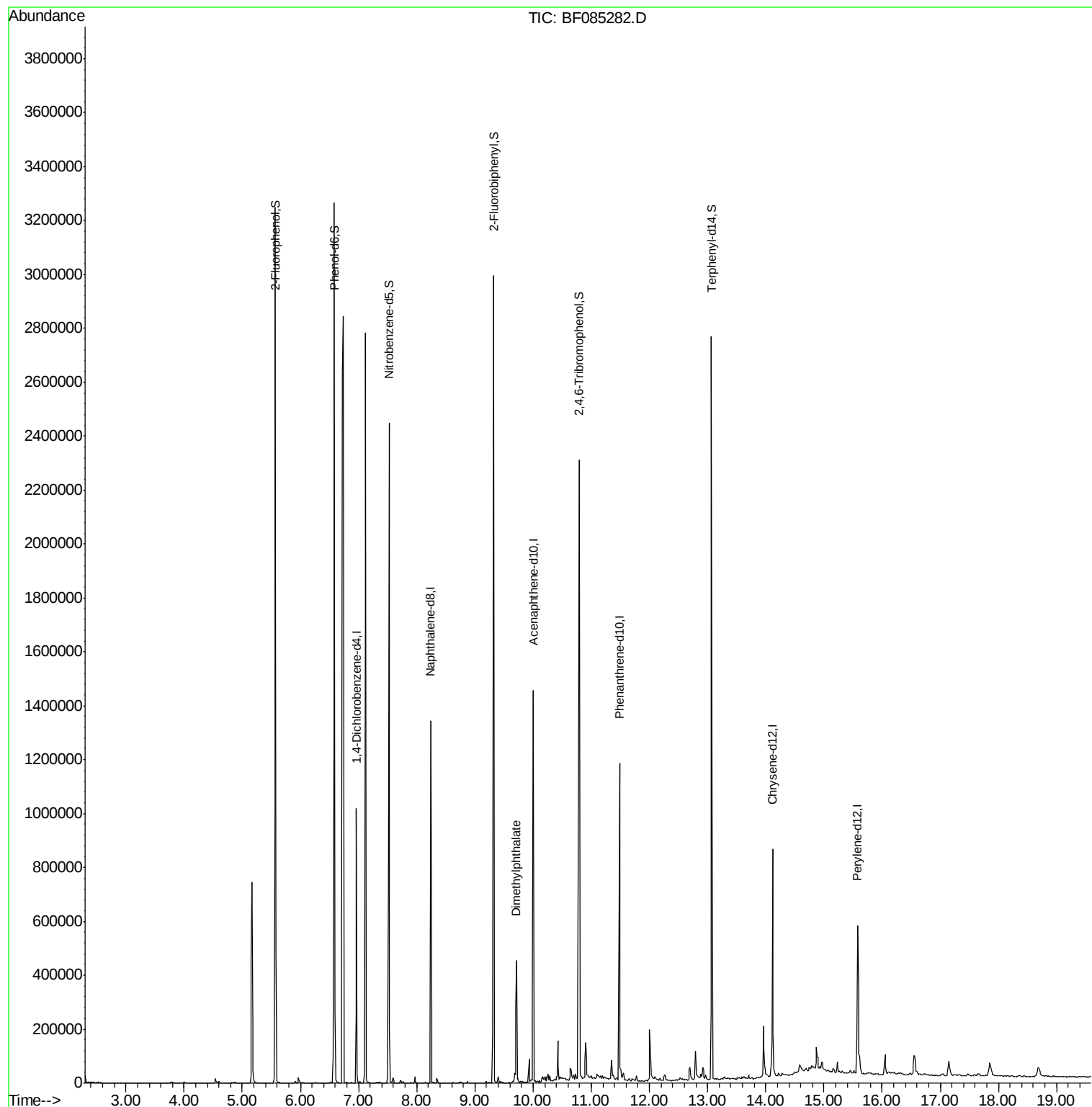
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152361	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	579721	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	269430	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	475589	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	261975	20.00	ng	-0.03
86) Perylene-d12	15.58	264	252106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	986633	108.62	ng	-0.01
7) Phenol-d6	6.58	99	1272057	106.89	ng	-0.02
23) Nitrobenzene-d5	7.52	82	834735	77.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	289228	125.46	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1392894	78.62	ng	-0.02
78) Terphenyl-d14	13.06	244	905976	80.28	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.72	163	232298	11.23	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

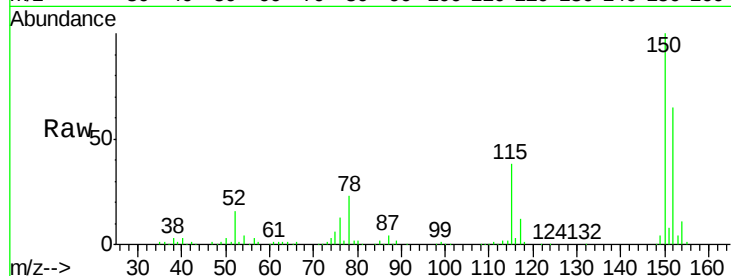
Tgt Ion:152 Resp: 152361

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

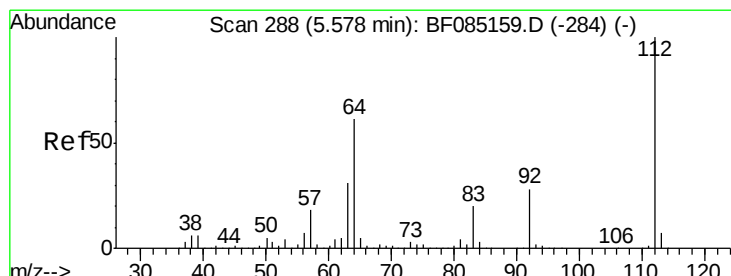
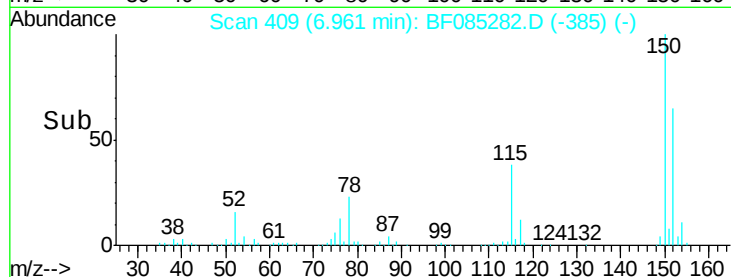
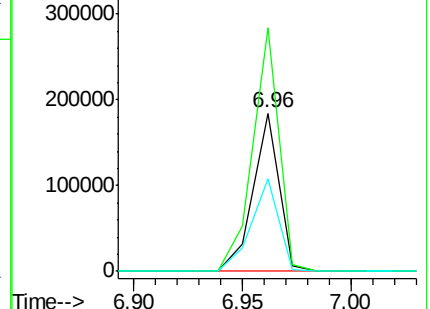
115 58.6 46.6 70.0



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: 108.62 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

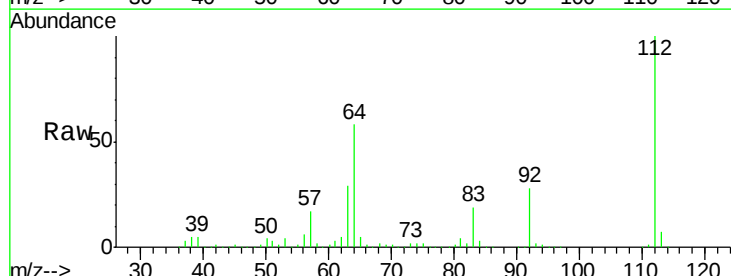
Tgt Ion:112 Resp: 986633

Ion Ratio Lower Upper

112 100

64 58.2 49.0 73.4

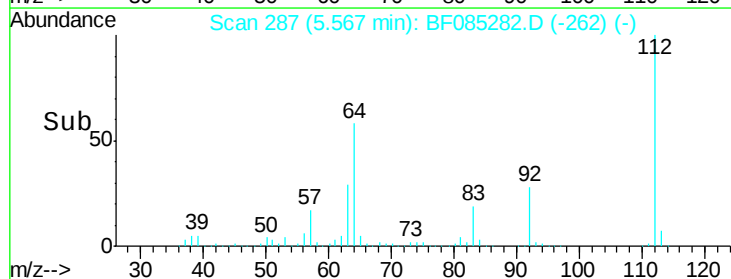
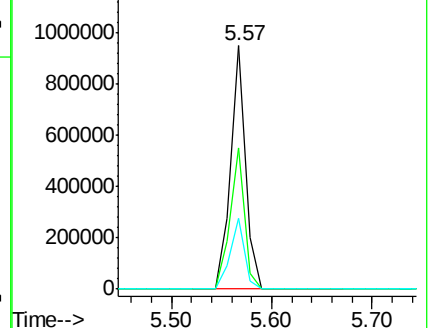
63 29.3 24.8 37.2



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: 106.89 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

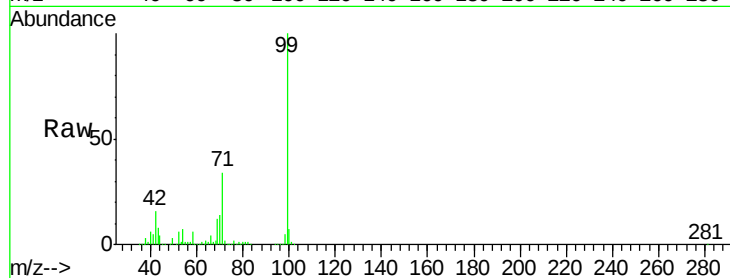
BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

Tgt Ion: 99 Resp: 1272057

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	33.7	26.7	40.1

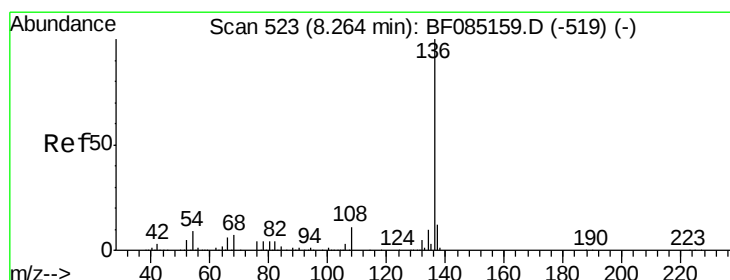
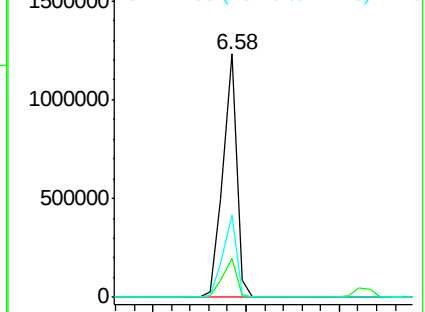
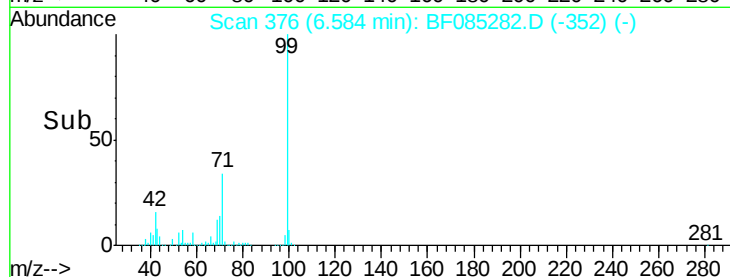


Abundance

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: 8.24 min Scan# 521

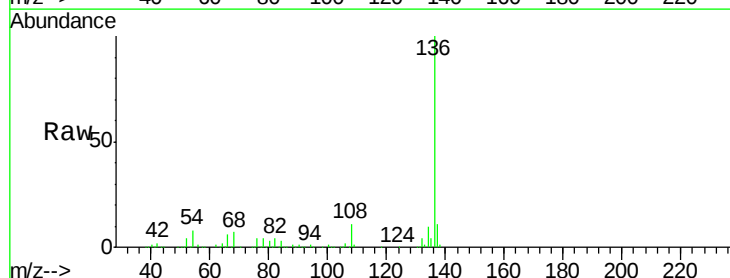
Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Tgt Ion: 136 Resp: 579721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.4	7.4	11.2
68	6.8	6.0	9.0



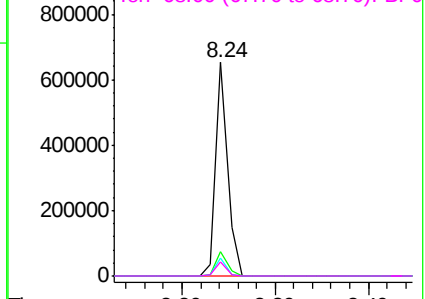
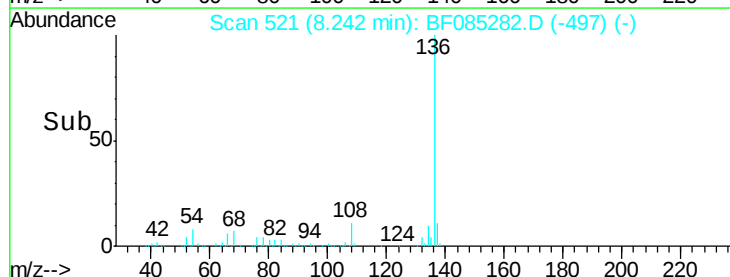
Abundance

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

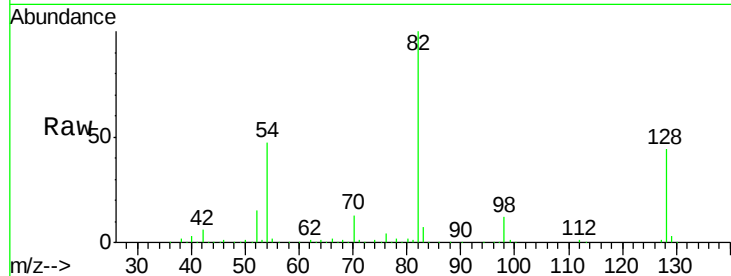




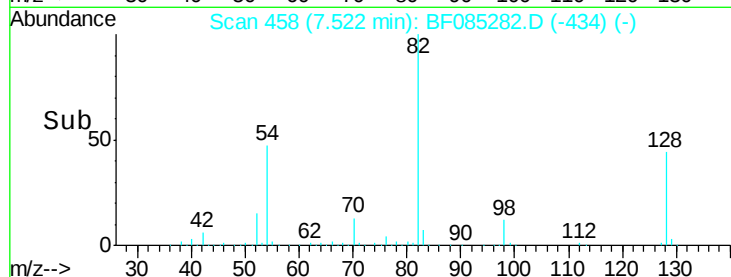
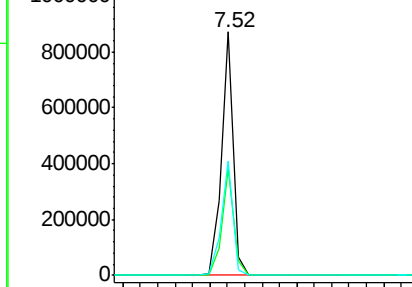
#23
 Nitrobenzene-d5
 Concen: 77.05 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Tgt Ion: 82 Resp: 834735
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.5 51.7
 54 46.9 39.3 58.9

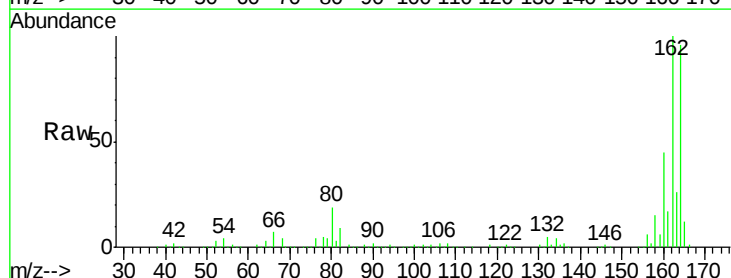


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

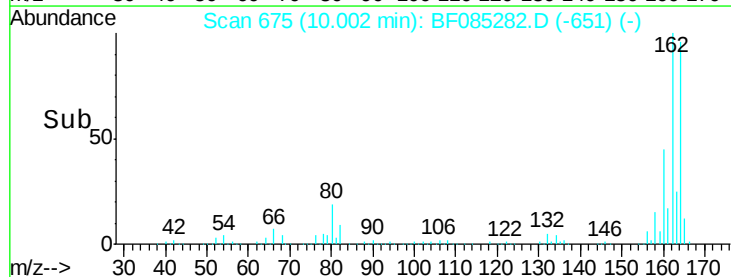
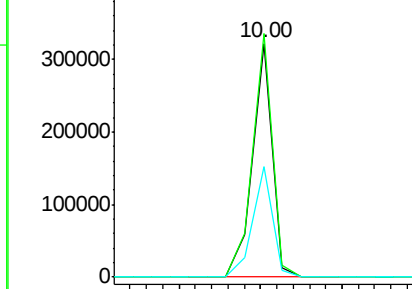


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Tgt Ion: 164 Resp: 269430
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.3 124.9
 160 47.1 37.9 56.9



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

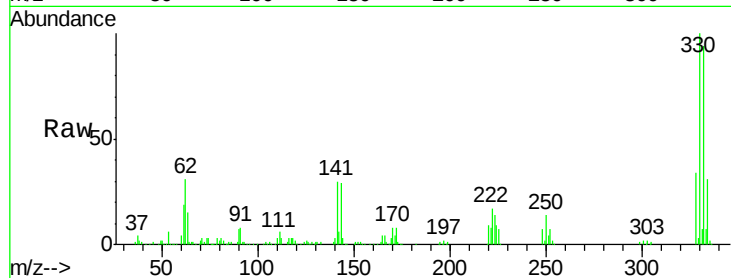




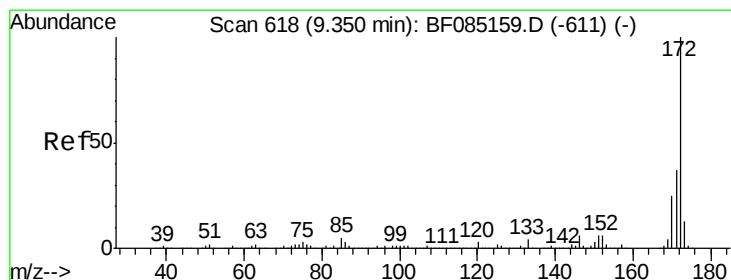
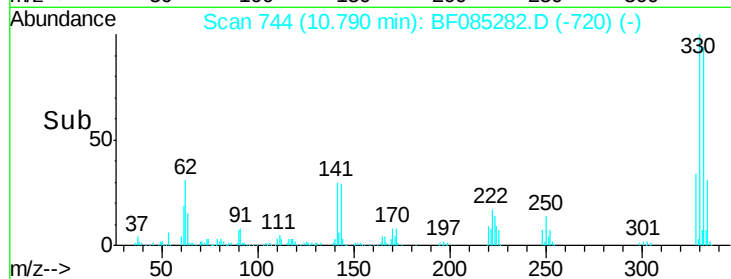
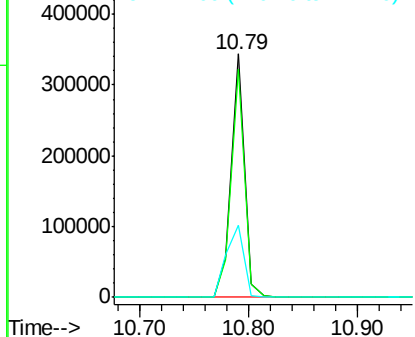
#41
 2,4,6-Tribromophenol
 Concen: 125.46 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-41COMP(0.5-5.0)

Tgt Ion:330 Resp: 289228
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.1 115.7
 141 39.5 35.0 52.6

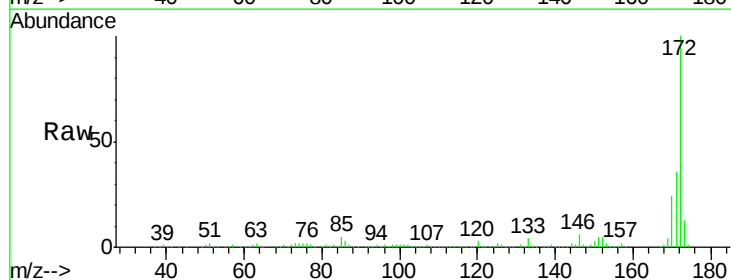


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

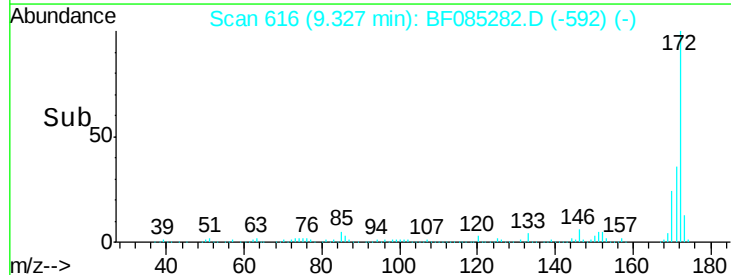
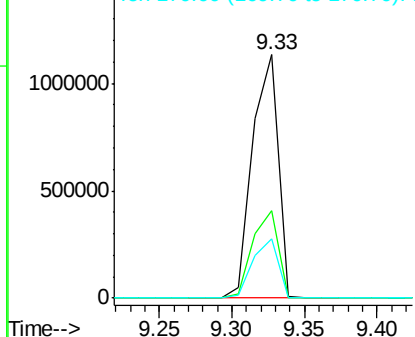


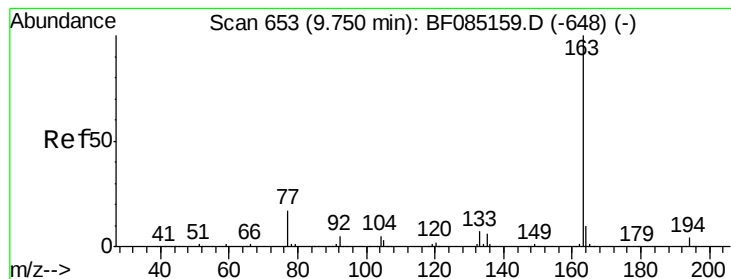
#44
 2-Fluorobiphenyl
 Concen: 78.62 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085282.D
 Acq: 9 Mar 2016 3:43

Tgt Ion:172 Resp: 1392894
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.2 20.0 30.0



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: 11.23 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

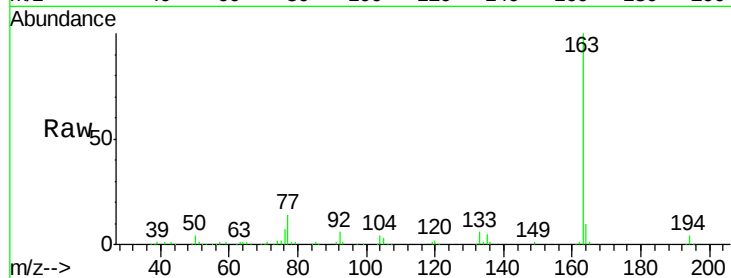
Tgt Ion:163 Resp: 232298

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

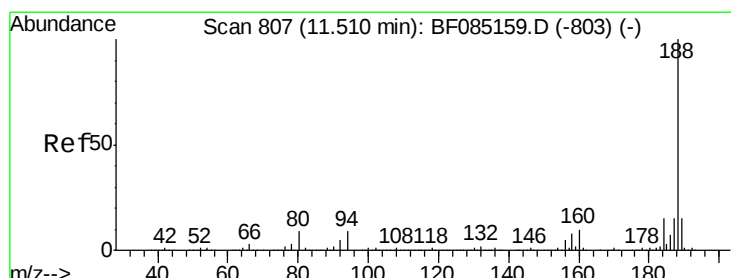
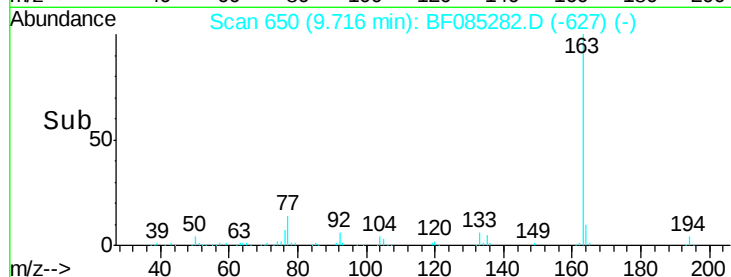
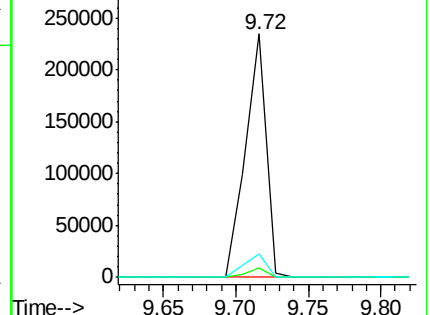
164 9.8 8.2 12.4



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: 20.00 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

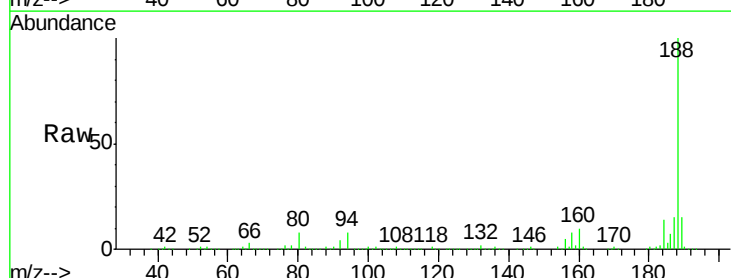
Tgt Ion:188 Resp: 475589

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

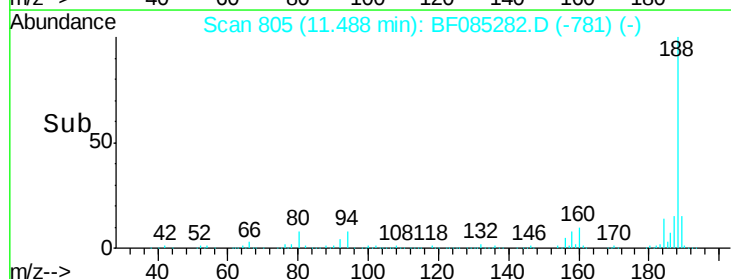
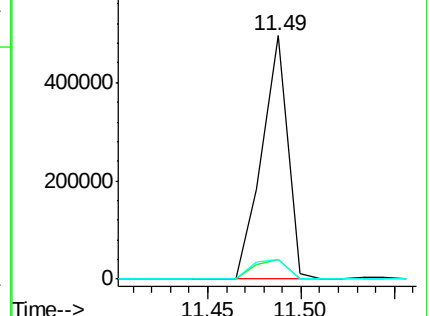
80 8.0 7.4 11.0

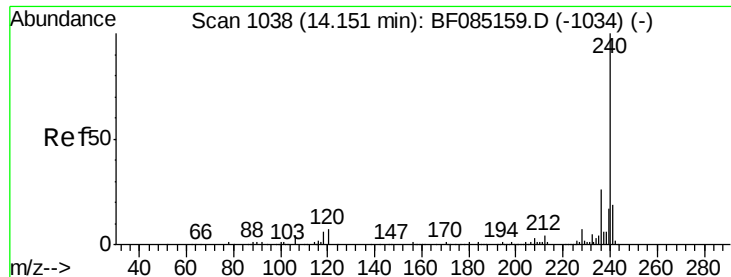


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SB-41COMP(0.5-5.0)

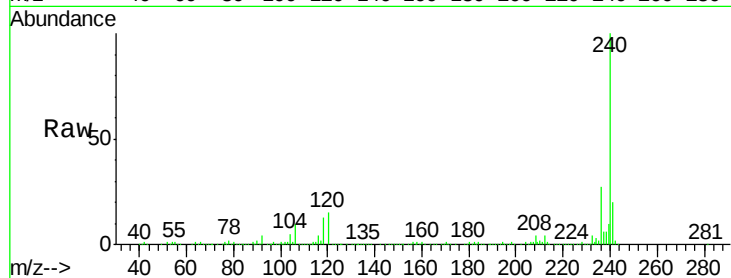
Tgt Ion:240 Resp: 261975

Ion Ratio Lower Upper

240 100

120 15.0 5.3 7.9#

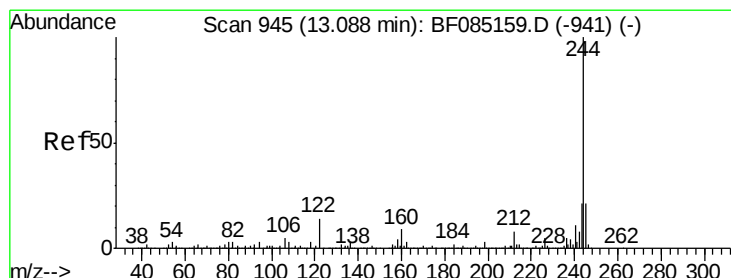
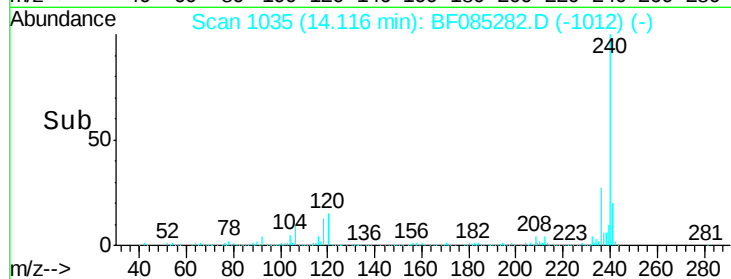
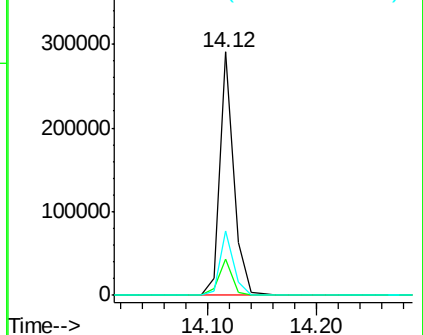
236 26.6 20.7 31.1



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: 80.28 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085282.D

Acq: 9 Mar 2016 3:43

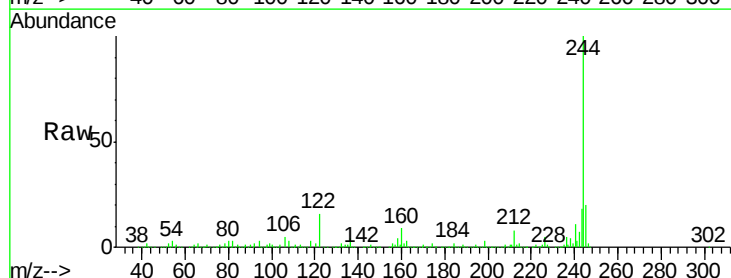
Tgt Ion:244 Resp: 905976

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

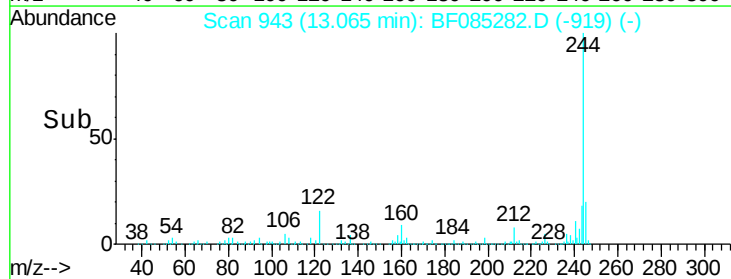
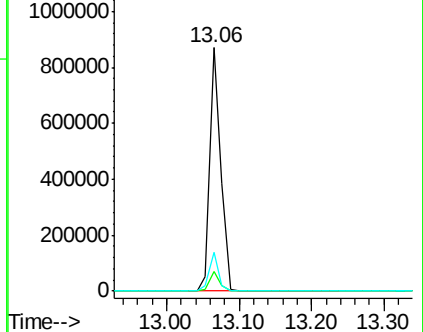
122 16.0 11.4 17.2

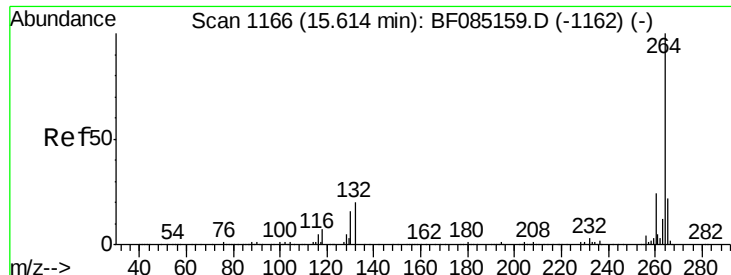


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085282.D
Acq: 9 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.3	25.9

