

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086030.D
 Acq On : 2 Apr 2016 23:59
 Operator : UM/SJ
 Sample : H2017-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Quant Time: Apr 04 04:09:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

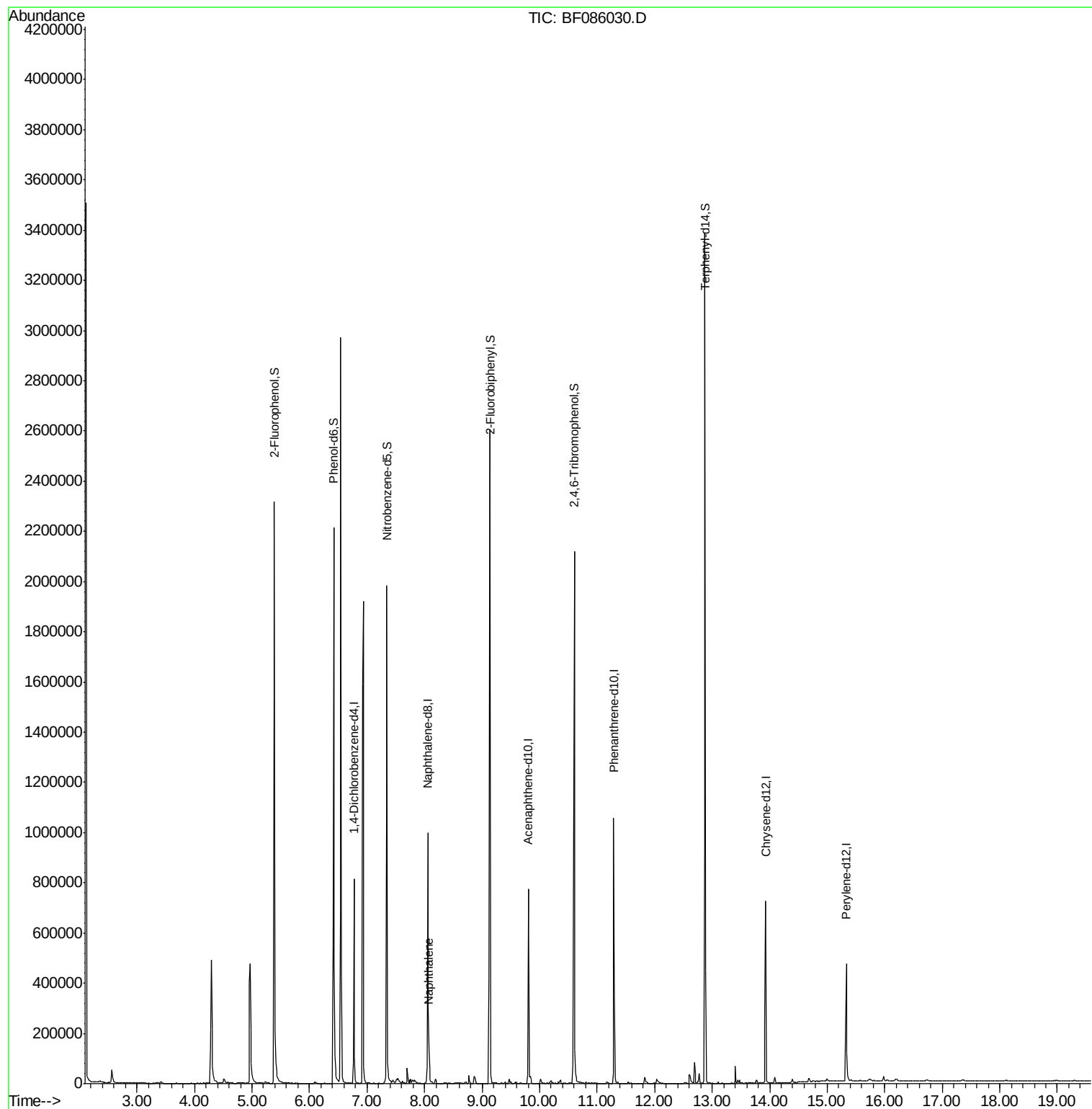
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	121339	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	472548	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	210175	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	397838	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	259440	20.00	ng	0.00
86) Perylene-d12	15.33	264	220129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	930947	131.14	ng	0.02
7) Phenol-d6	6.42	99	939261	104.17	ng	0.00
23) Nitrobenzene-d5	7.34	82	799452	99.77	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	323883	164.18	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1300964	102.92	ng	0.00
78) Terphenyl-d14	12.88	244	1102621	99.90	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	62508	2.63	ng	Qvalue 98

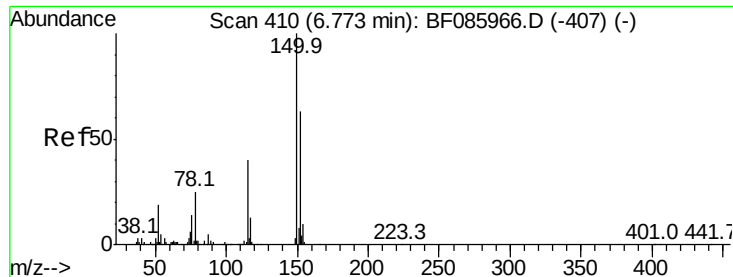
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

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ClientSampleId :

SB-COMP

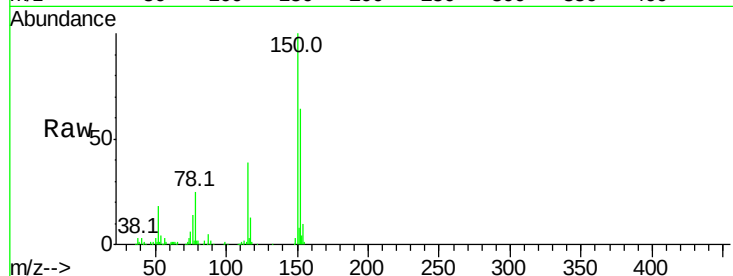
Tot Ion:152 Resp: 121339

Ion Ratio Lower Upper

152 100

150 156.0 124.2 186.2

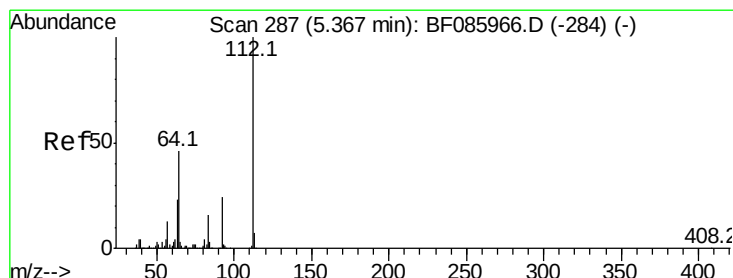
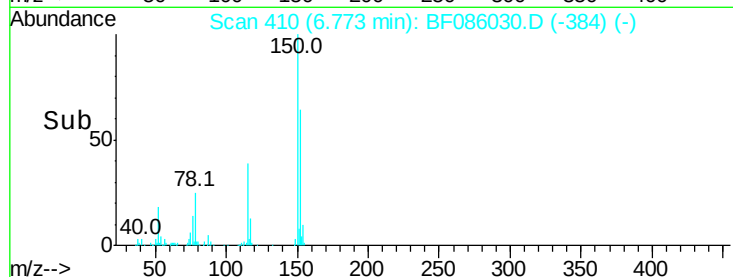
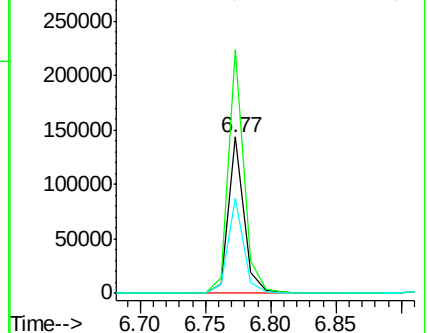
115 61.2 47.0 70.6



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: 131.14 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

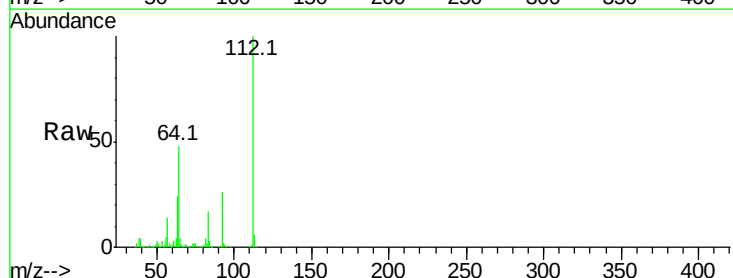
Tgt Ion:112 Resp: 930947

Ion Ratio Lower Upper

112 100

64 48.0 39.9 59.9

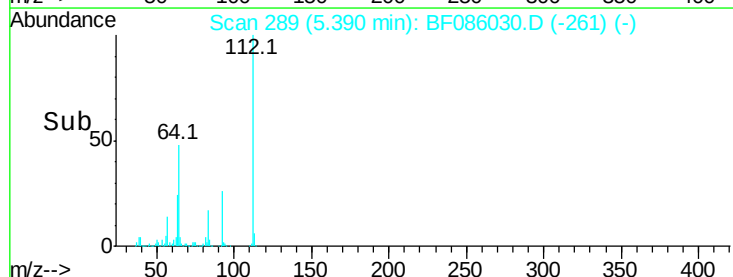
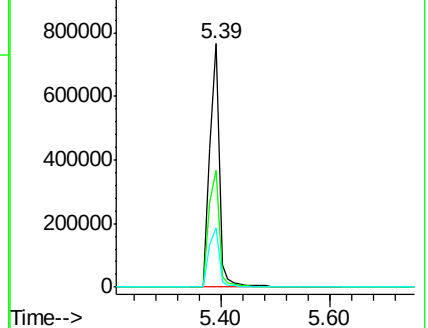
63 24.1 20.2 30.2

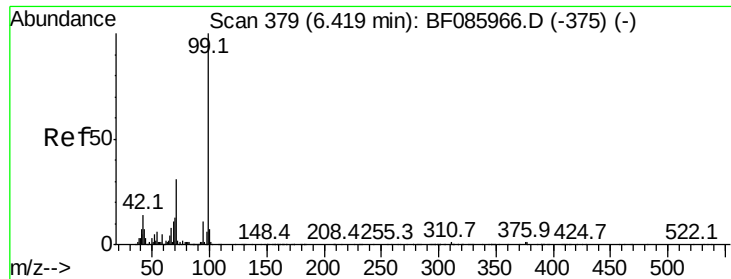


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.17 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

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ClientSampleId :

SB-COMP

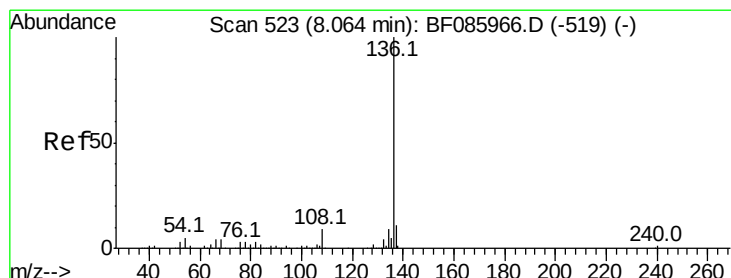
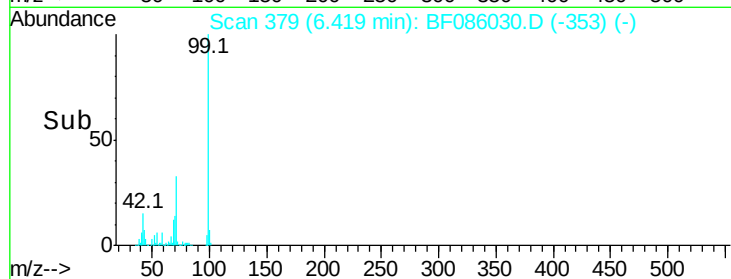
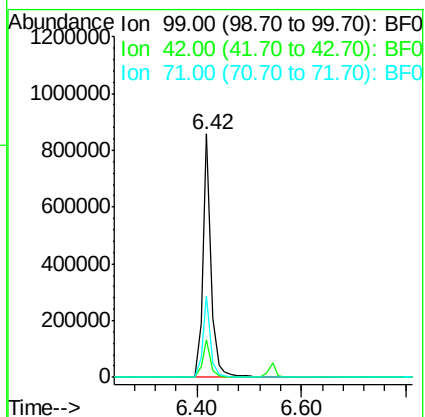
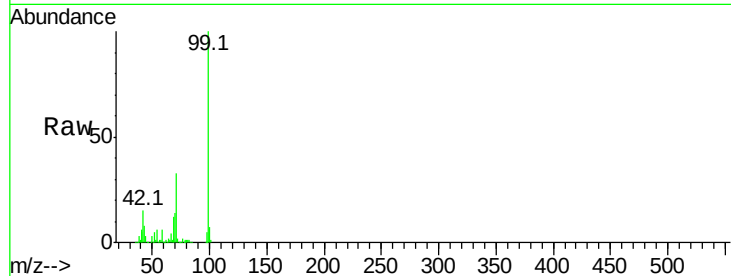
Tot Ion: 99 Resp: 939261

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 33.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Tgt Ion: 136 Resp: 472548

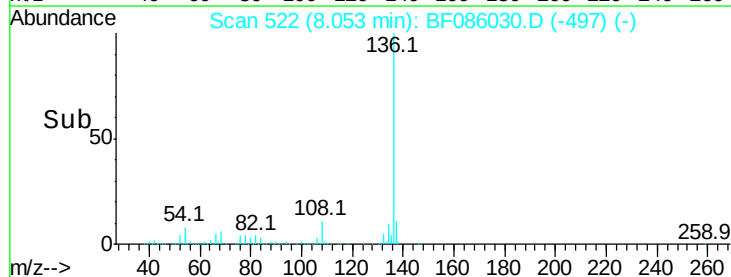
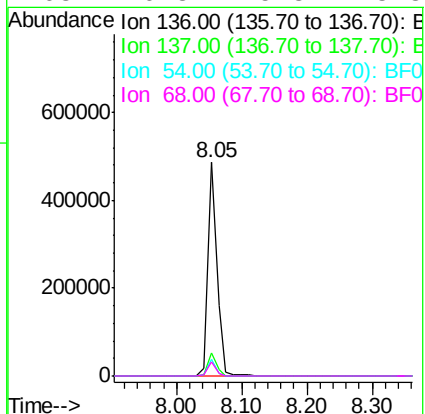
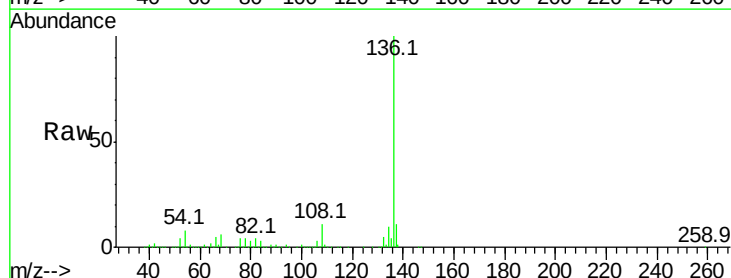
Ion Ratio Lower Upper

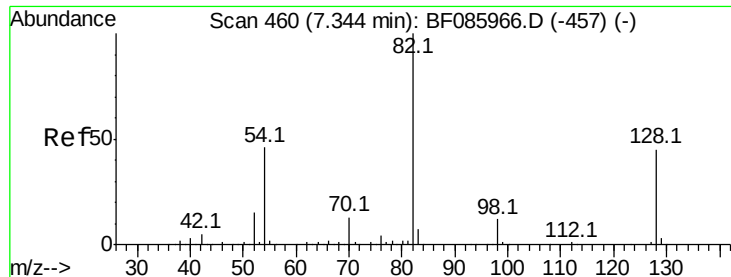
136 100

137 11.0 9.1 13.7

54 7.8 7.4 11.0

68 6.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 99.77 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

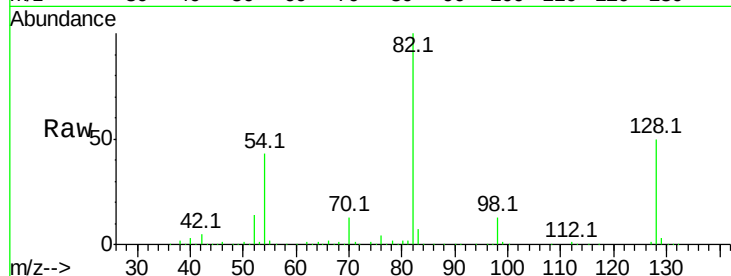
Tot Ion: 82 Resp: 799452

Ion Ratio Lower Upper

82 100

128 49.9 41.8 62.8

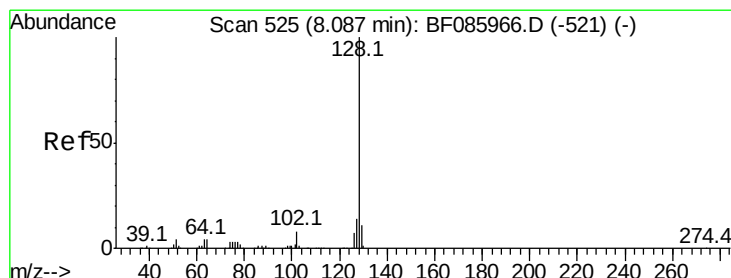
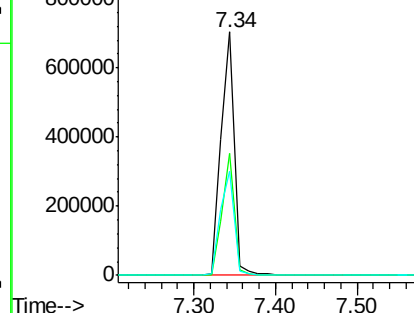
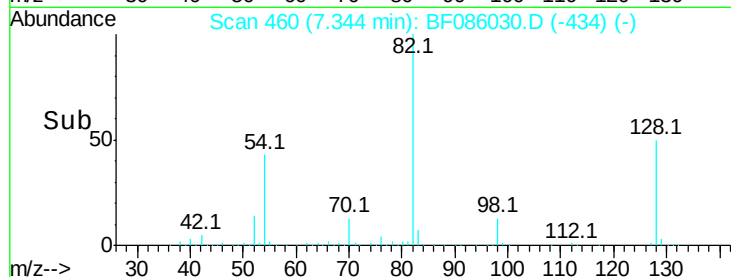
54 42.7 33.4 50.0



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



#31

Naphthalene

Concen: 2.63 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

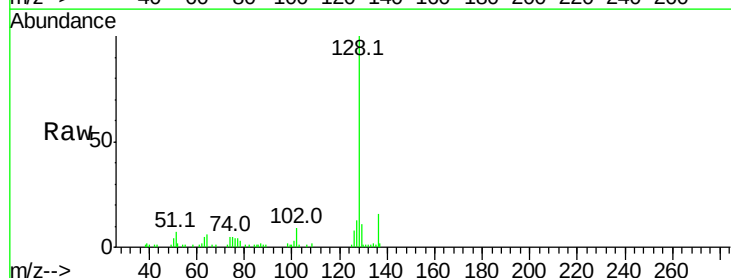
Tgt Ion:128 Resp: 62508

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

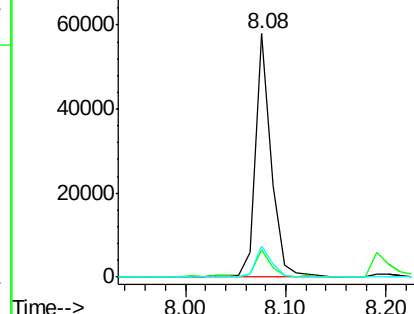
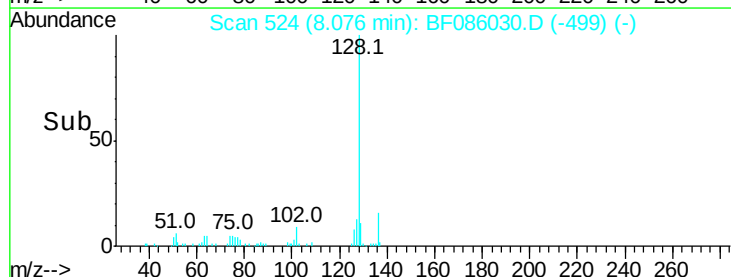
127 12.6 11.0 16.6

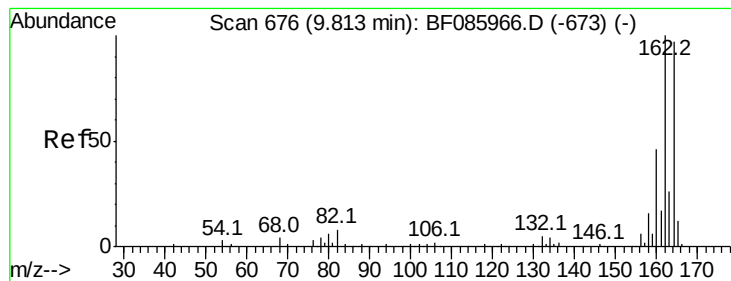


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

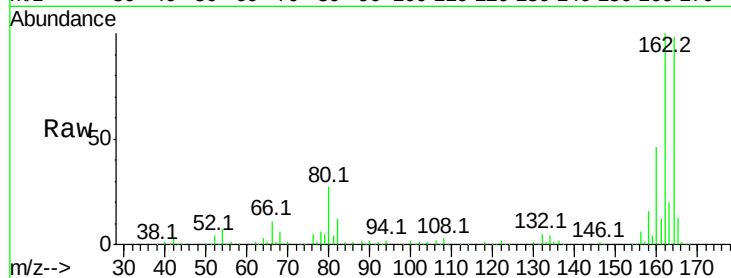
Tot Ion:164 Resp: 210175

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

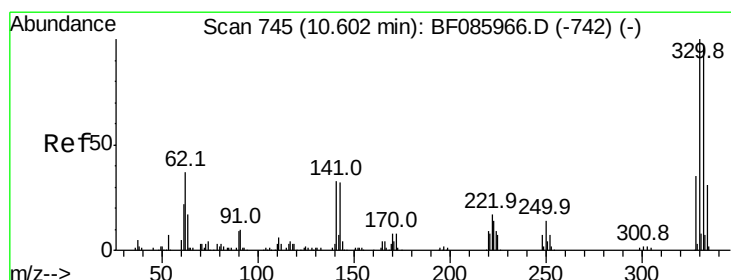
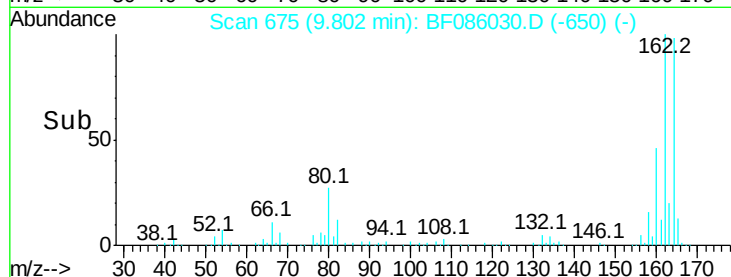
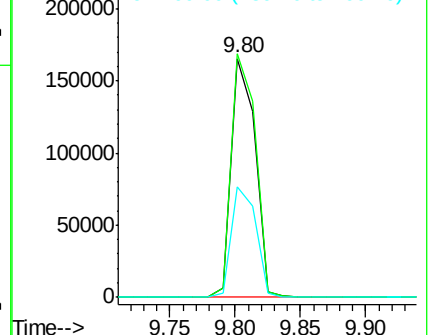
160 46.4 37.4 56.2



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: 164.18 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

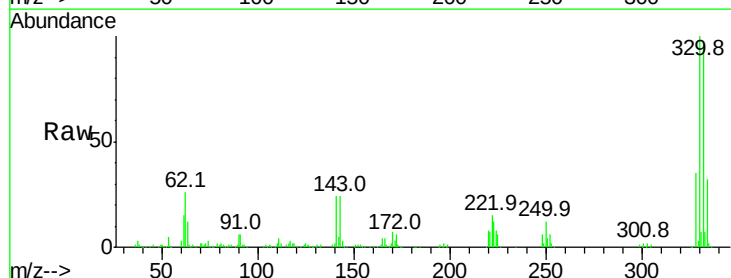
Tgt Ion:330 Resp: 323883

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

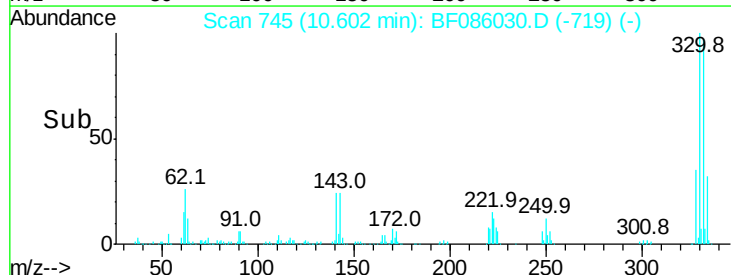
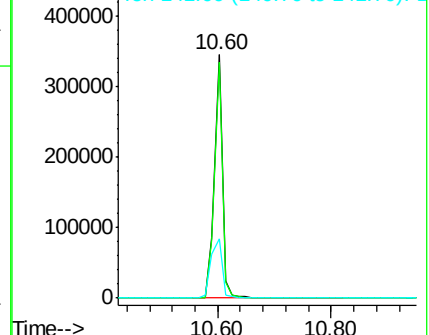
141 34.1 31.5 47.3

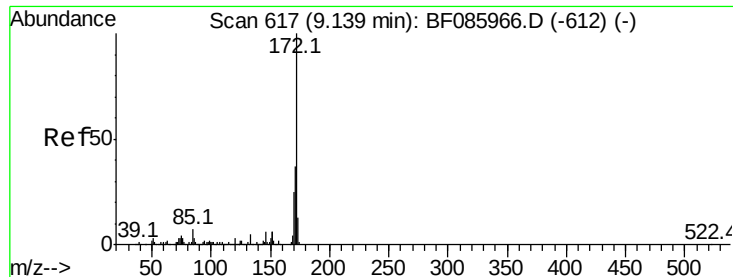


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 102.92 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

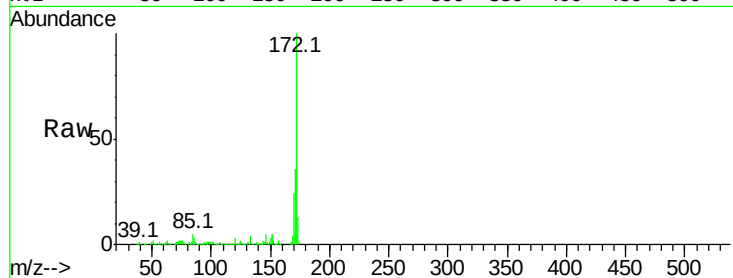
Tot Ion:172 Resp: 1300964

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

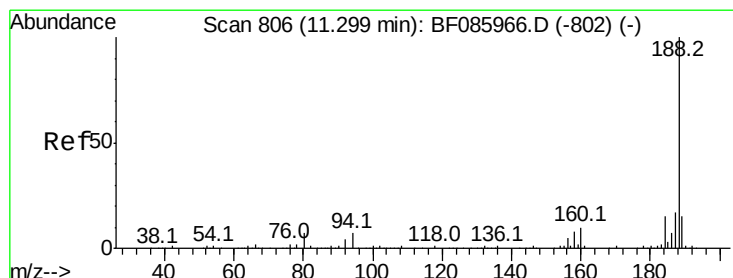
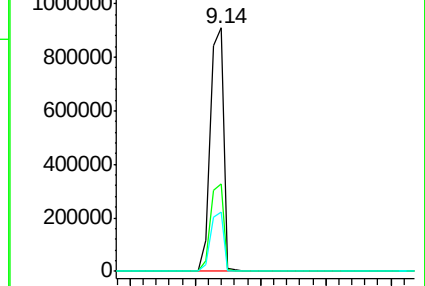
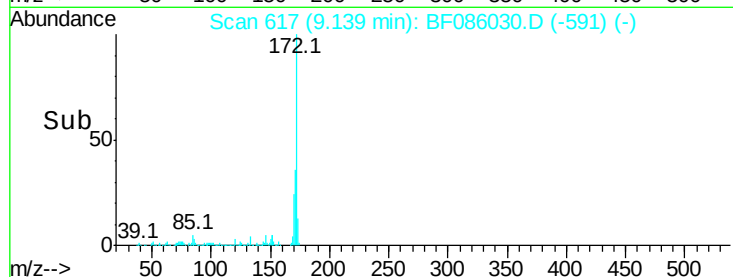
170 24.3 19.8 29.6



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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

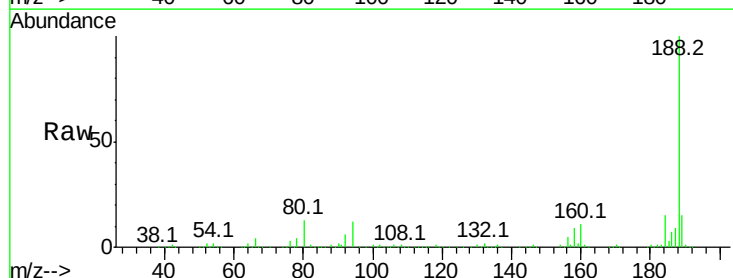
Tgt Ion:188 Resp: 397838

Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

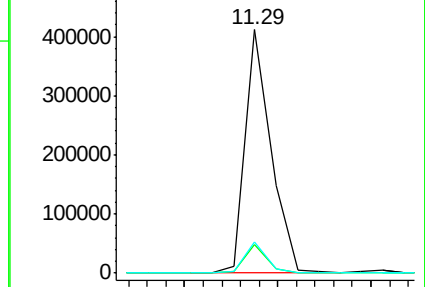
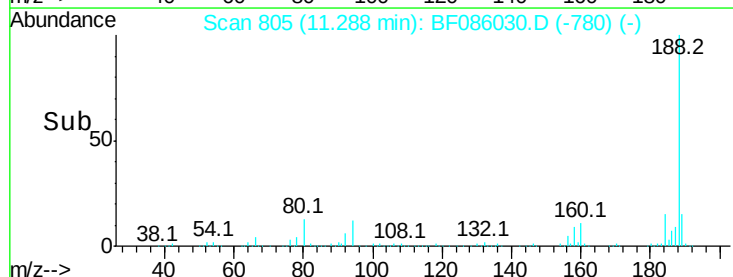
80 12.8 5.5 8.3#

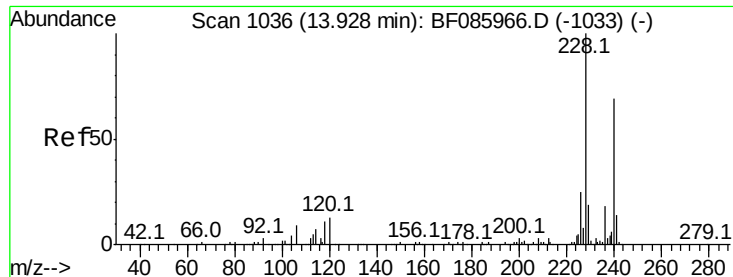


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

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ClientSampleId :

SB-COMP

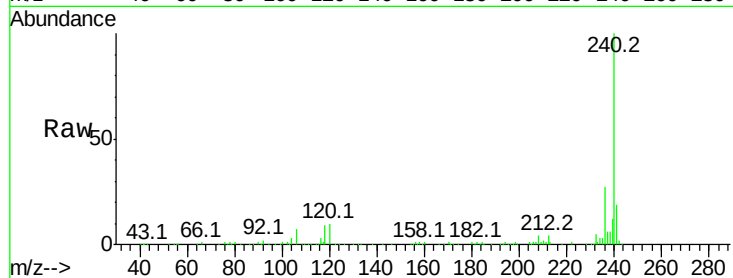
Tot Ion:240 Resp: 259440

Ion Ratio Lower Upper

240 100

120 10.2 13.8 20.8#

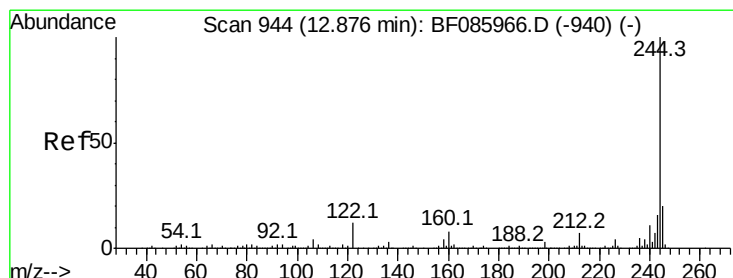
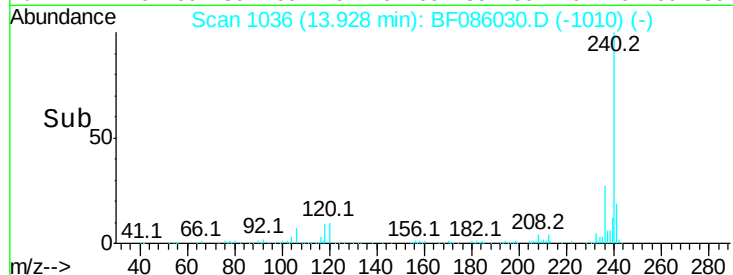
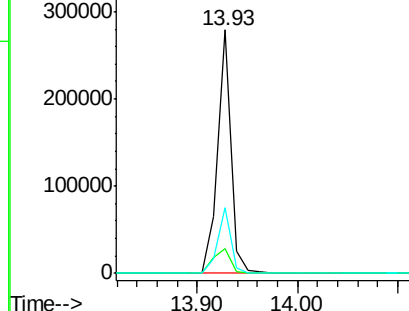
236 26.9 20.6 30.8



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: 99.90 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

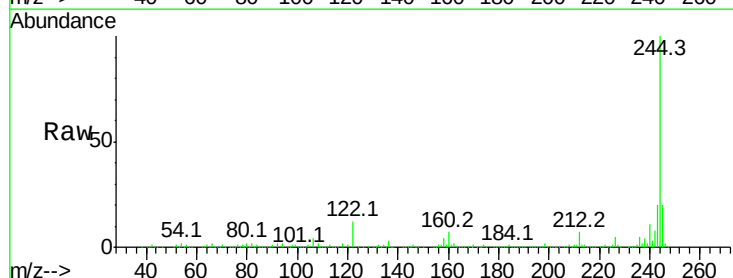
Tgt Ion:244 Resp: 1102621

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

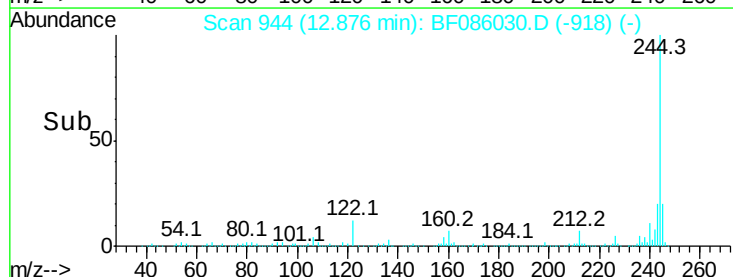
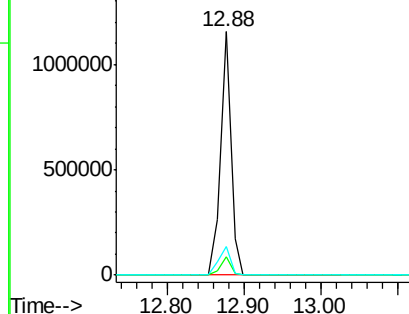
122 11.5 10.2 15.4

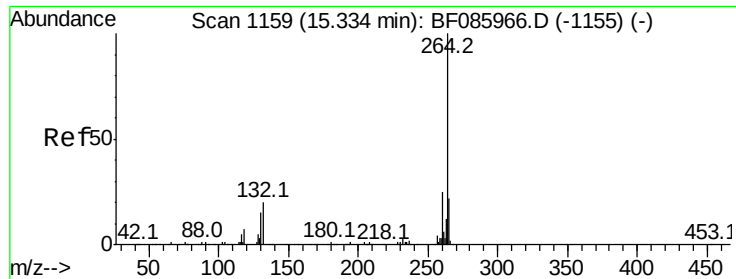


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8

