

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085509.D
 Acq On : 17 Mar 2016 23:41
 Operator : UM/SJ
 Sample : H1774-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Quant Time: Mar 18 03:25:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

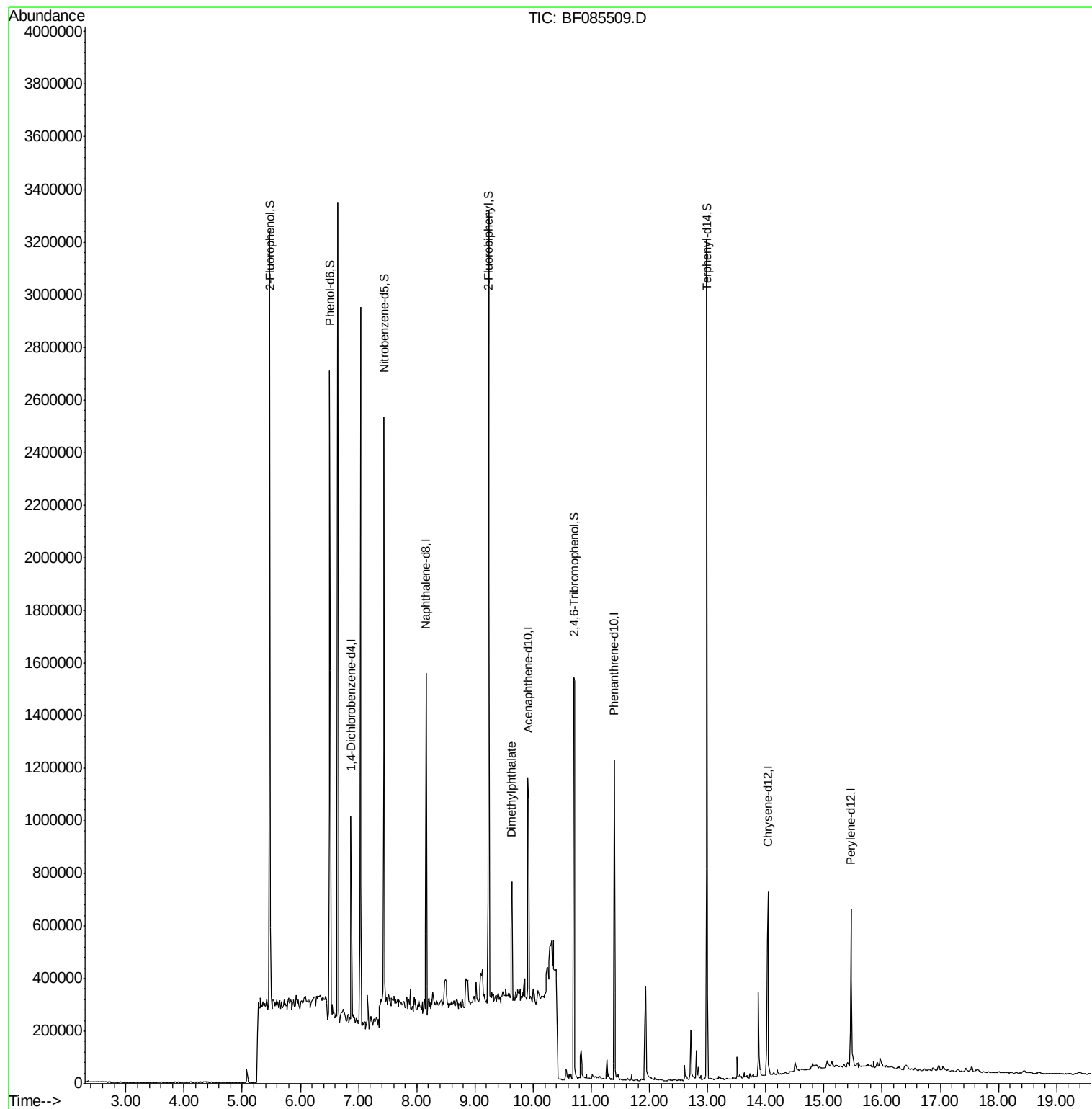
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138070	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	571058	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	241534	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	442559	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	301080	20.00	ng	-0.05
86) Perylene-d12	15.47	264	269475	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	943283	117.44	ng	-0.03
7) Phenol-d6	6.50	99	1268040	121.70	ng	-0.05
23) Nitrobenzene-d5	7.44	82	820530	84.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	312551	140.49	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1210226	86.93	ng	-0.05
78) Terphenyl-d14	12.98	244	970543	72.92	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.64	163	234563	13.31	ng	Qvalue 99

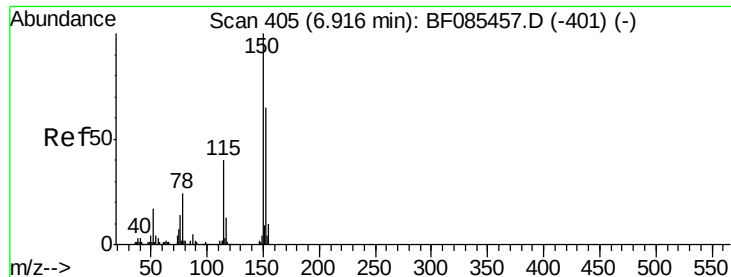
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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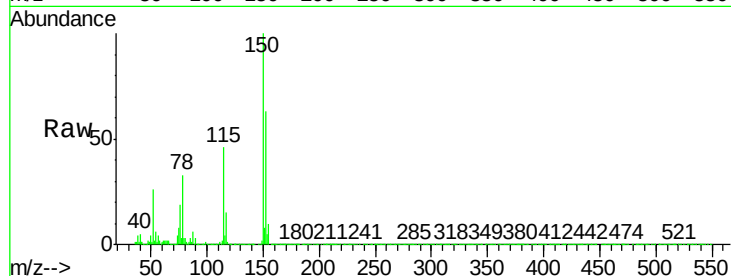


#1

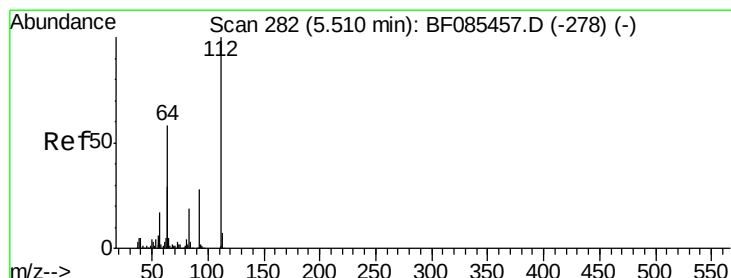
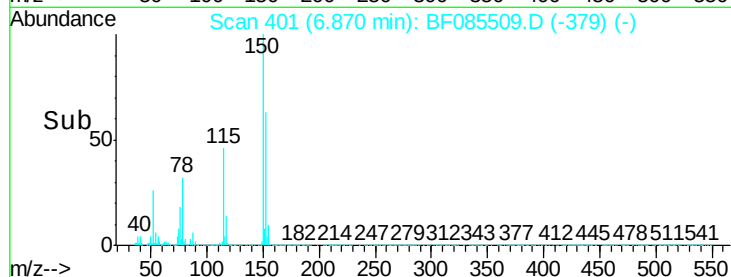
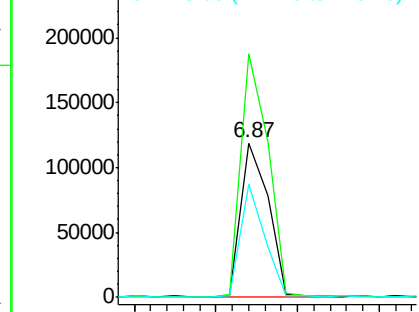
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

Tgt Ion:152 Resp: 138070
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 73.0 46.6 70.0#



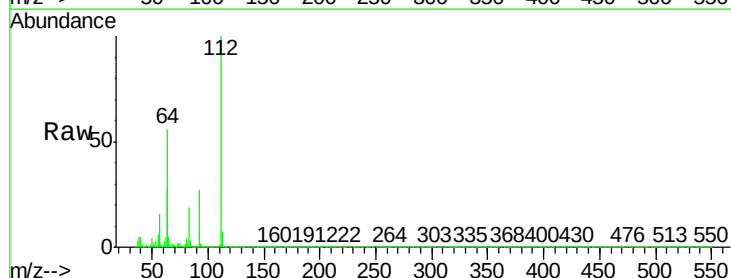
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



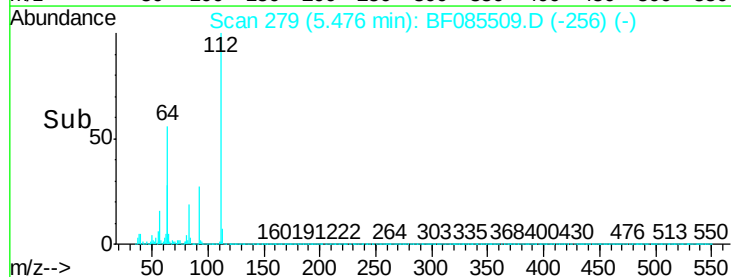
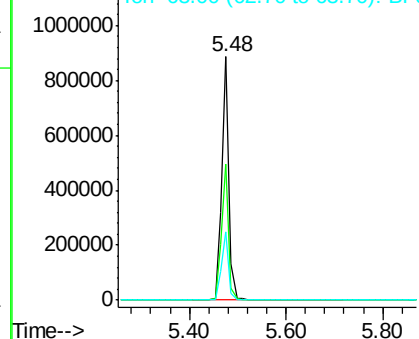
#5

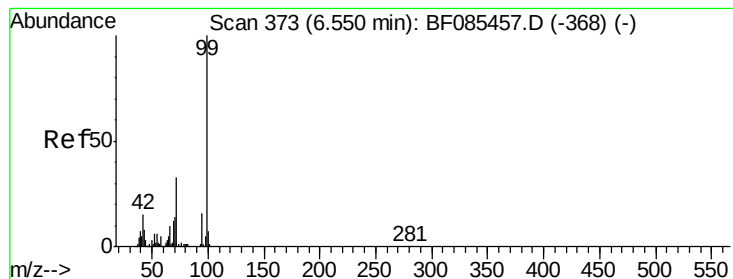
2-Fluorophenol
Concen: 117.44 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion:112 Resp: 943283
Ion Ratio Lower Upper
112 100
64 56.1 49.0 73.4
63 28.1 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: 121.70 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

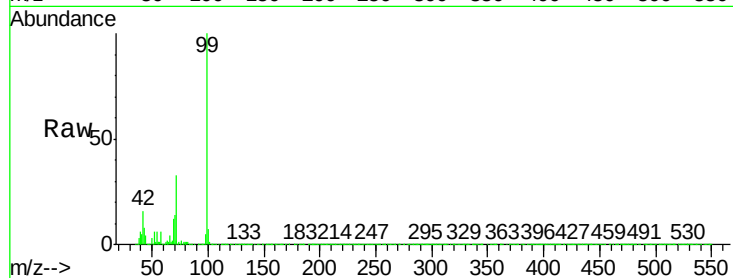
Tgt Ion: 99 Resp: 1268040

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

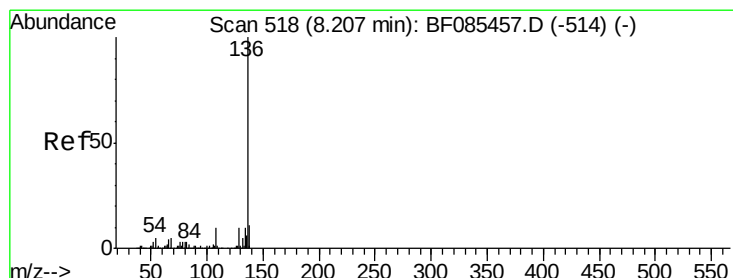
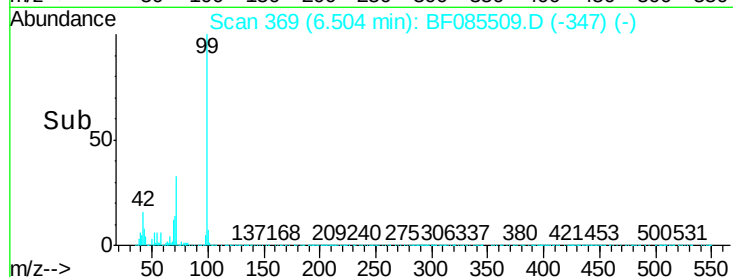
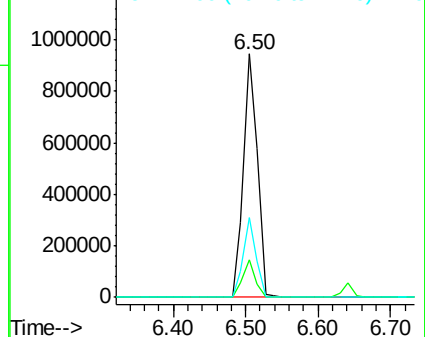
71 32.8 26.7 40.1



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: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Tgt Ion: 136 Resp: 571058

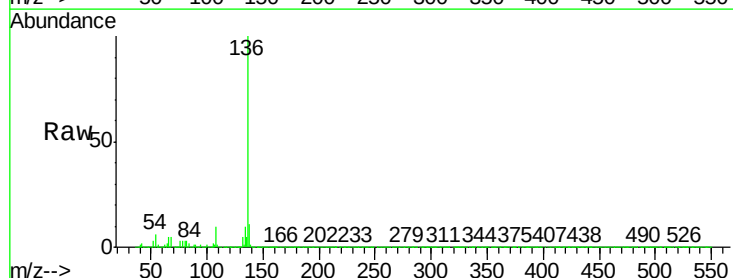
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.3 7.4 11.2#

68 5.4 6.0 9.0#

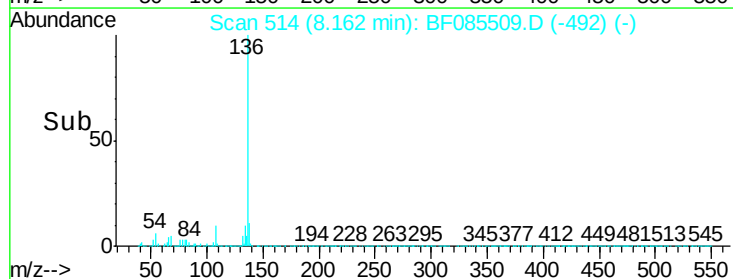
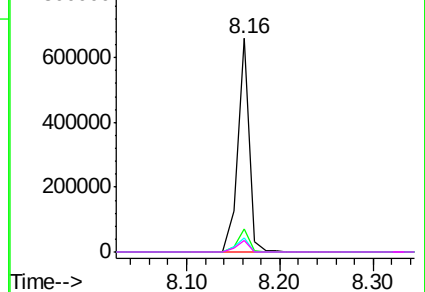


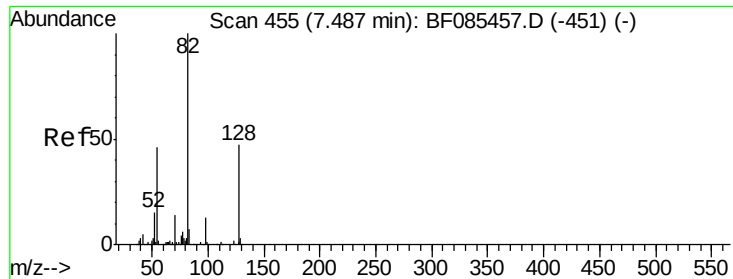
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.96 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

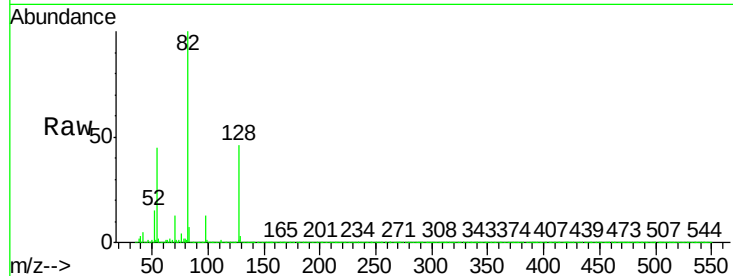
Tgt Ion: 82 Resp: 820530

Ion Ratio Lower Upper

82 100

128 46.2 34.5 51.7

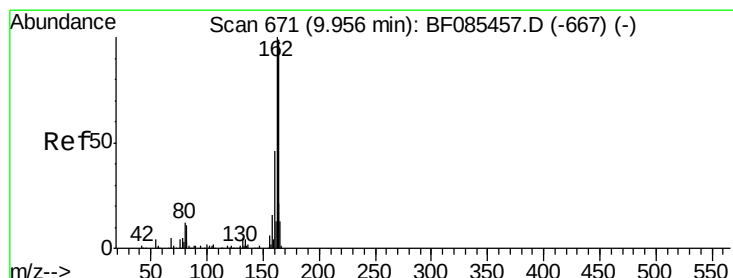
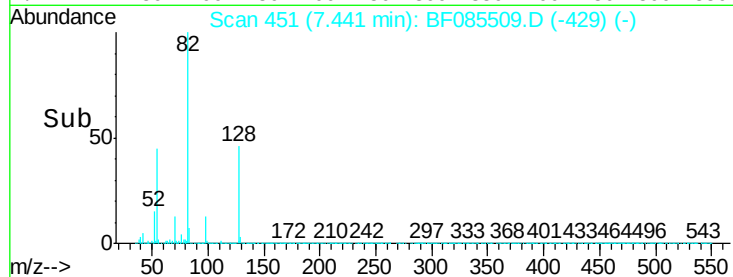
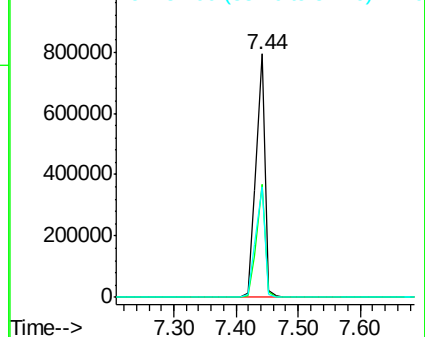
54 45.4 39.3 58.9



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: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

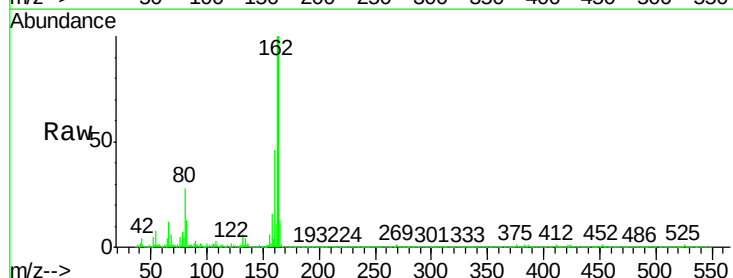
Tgt Ion: 164 Resp: 241534

Ion Ratio Lower Upper

164 100

162 100.2 83.3 124.9

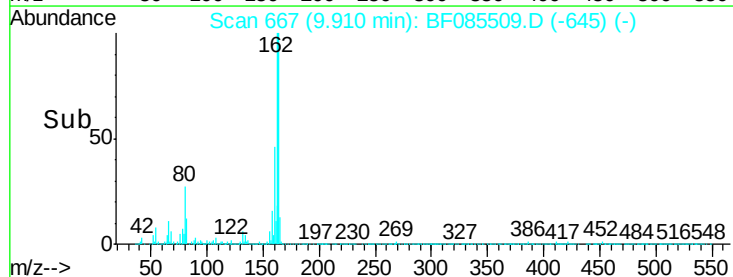
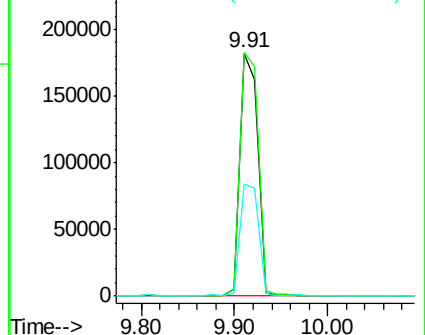
160 46.1 37.9 56.9

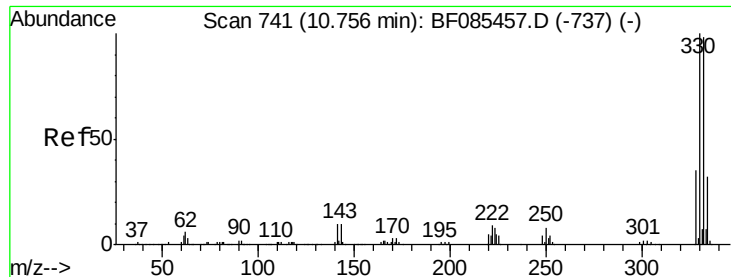


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

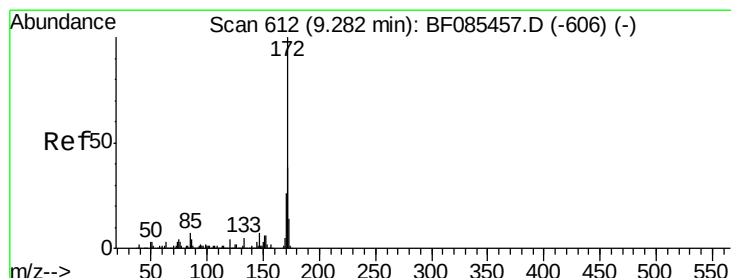
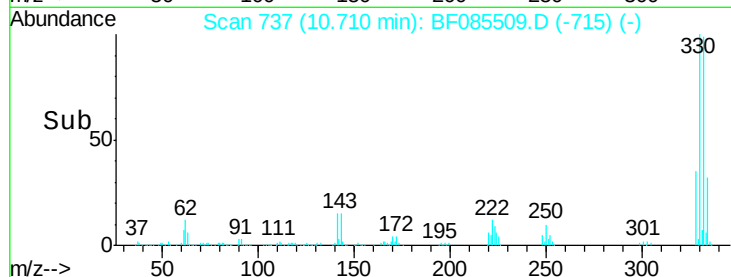
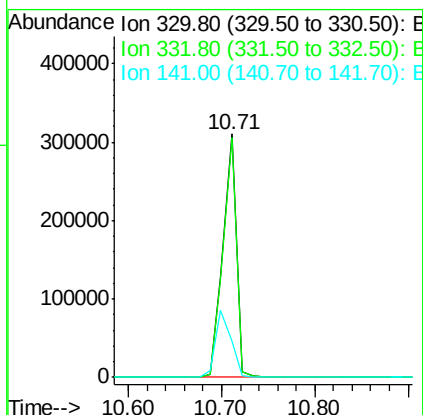
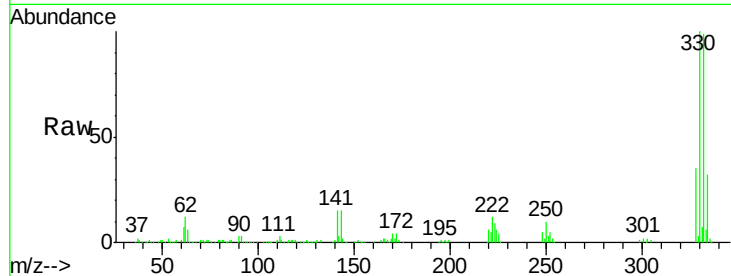




#41
 2,4,6-Tribromophenol
 Concen: 140.49 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085509.D
 Acq: 17 Mar 2016 23:41

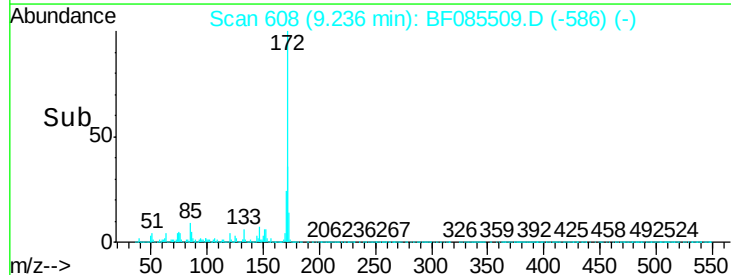
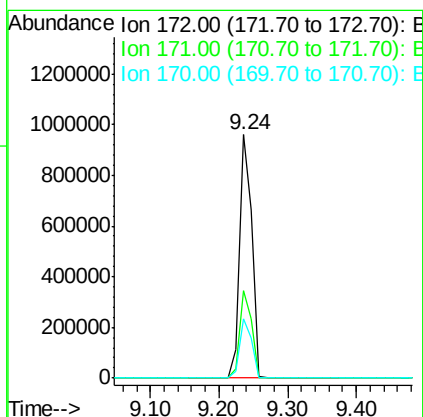
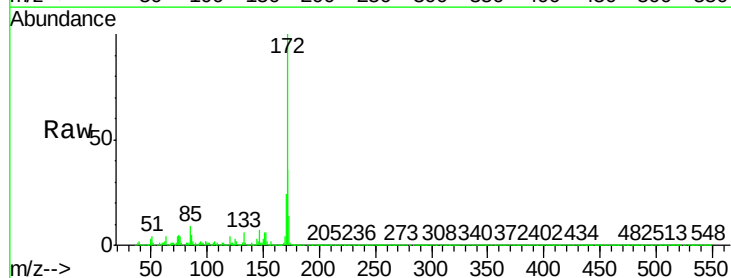
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

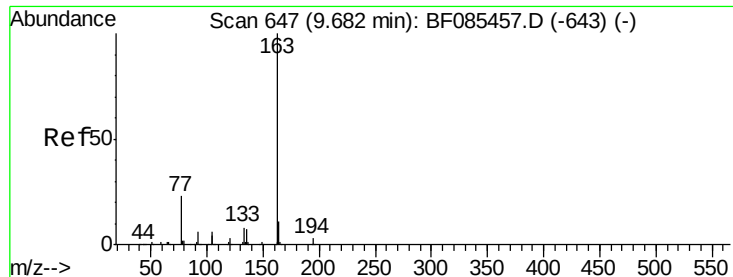
Tgt Ion:330 Resp: 312551
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.1 115.7
 141 32.0 35.0 52.6#



#44
 2-Fluorobiphenyl
 Concen: 86.93 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085509.D
 Acq: 17 Mar 2016 23:41

Tgt Ion:172 Resp: 1210226
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.4 20.0 30.0

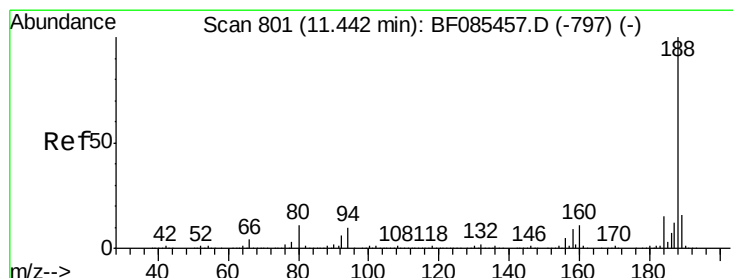
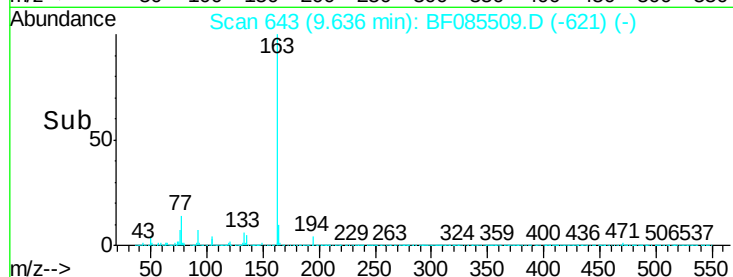
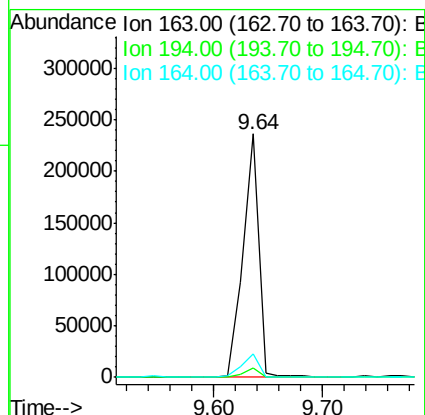
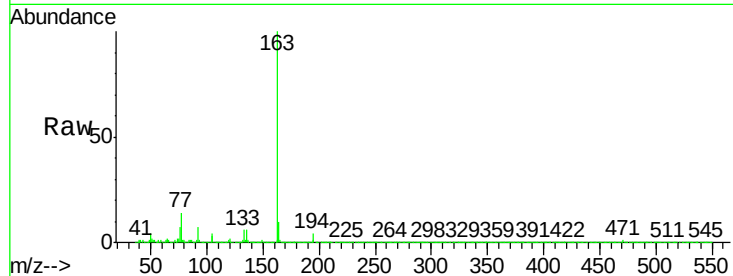




#49
Dimethylphthalate
Concen: 13.31 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

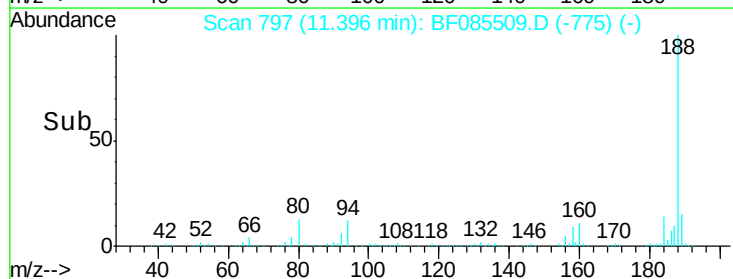
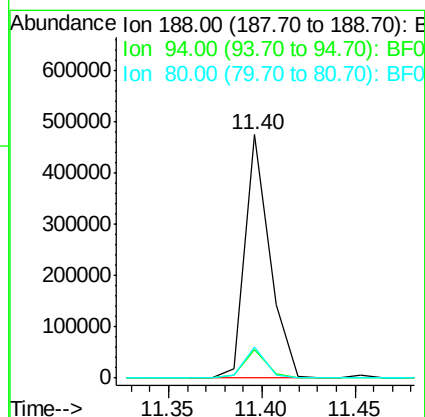
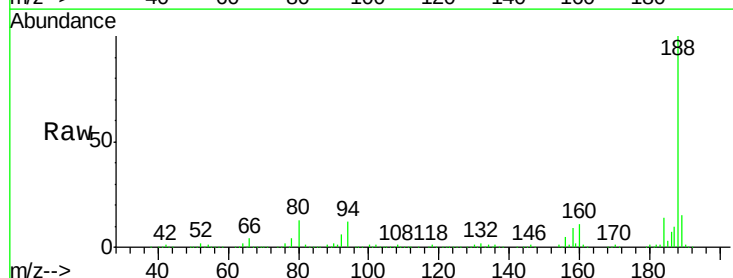
Instrument :
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ClientSampleId :
SB-23-COMP

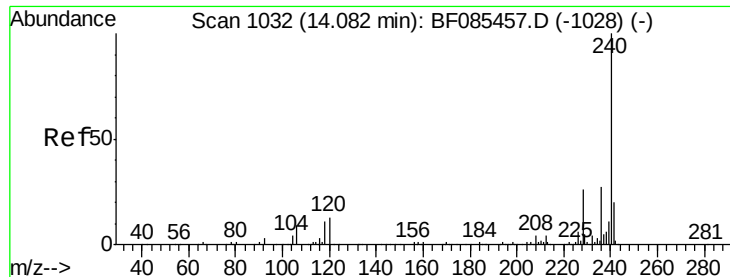
Tgt Ion:163 Resp: 234563
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Tgt Ion:188 Resp: 442559
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.9 7.4 11.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

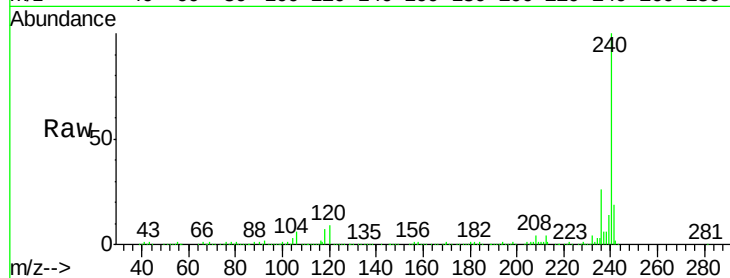
Tgt Ion:240 Resp: 301080

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

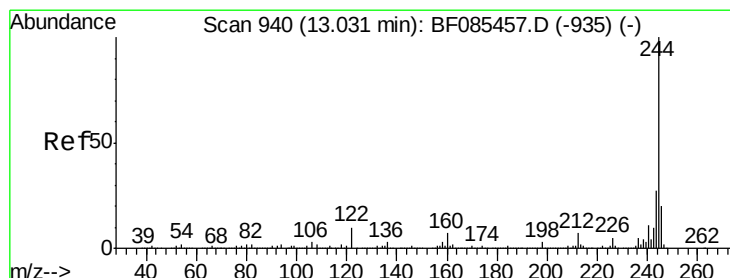
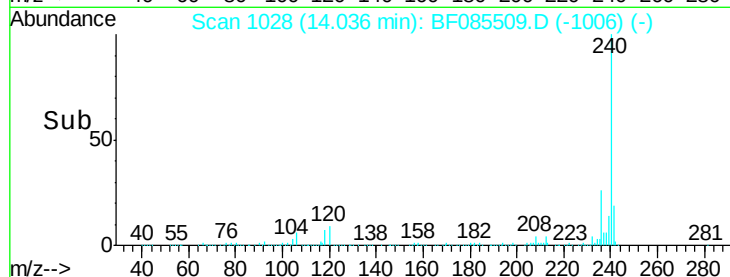
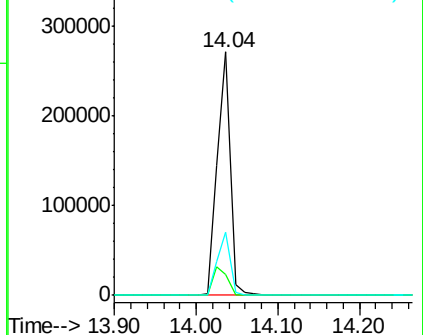
236 26.1 20.7 31.1



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: 72.92 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085509.D

Acq: 17 Mar 2016 23:41

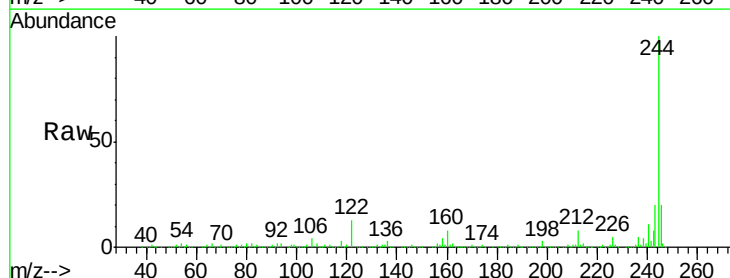
Tgt Ion:244 Resp: 970543

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

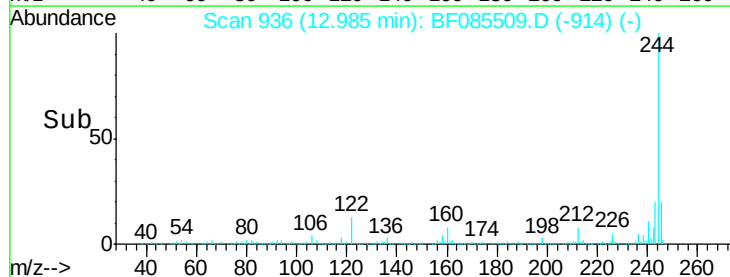
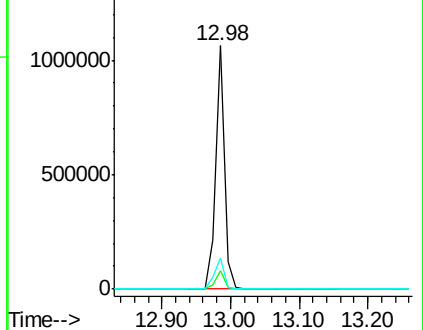
122 12.8 11.4 17.2

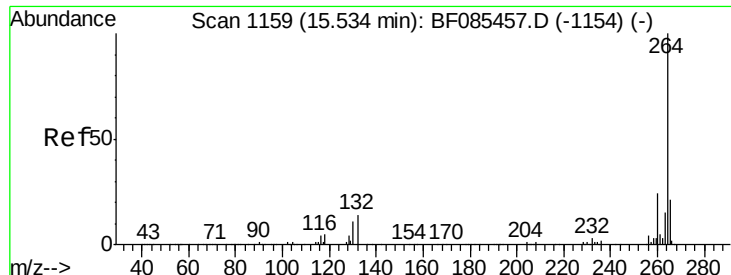


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085509.D
Acq: 17 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

Tgt Ion: 264 Resp: 269475
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 17.3 25.9

