

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088930.D
 Acq On : 12 Jul 2016 20:29
 Operator : UM/SJ
 Sample : H3889-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Quant Time: Jul 13 03:38:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

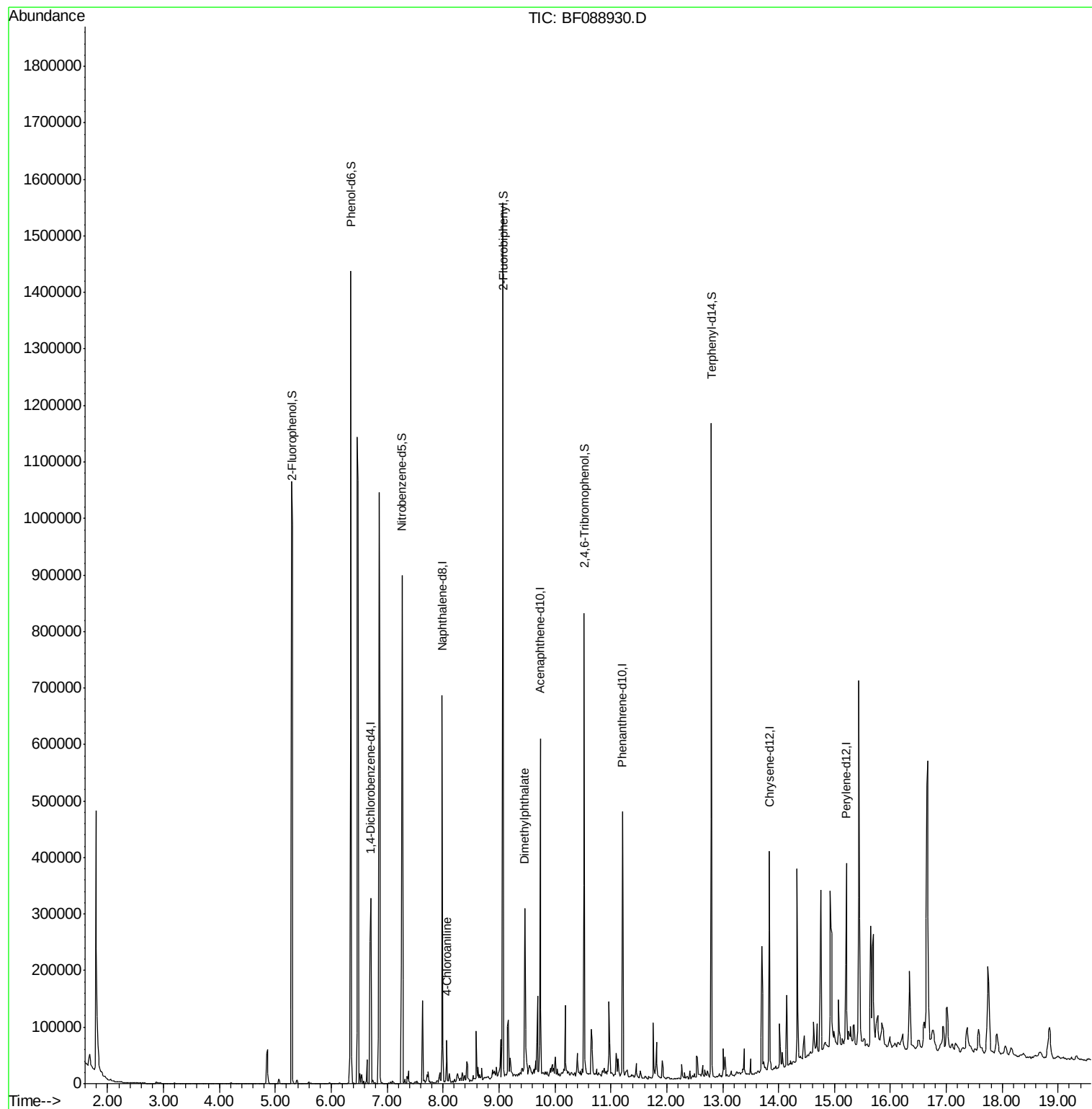
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	64212	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	257314	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	102424	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	152761	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	143338	20.00	ng	-0.01
86) Perylene-d12	15.21	264	129849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	449617	104.94	ng	0.01
7) Phenol-d6	6.35	99	526223	95.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	313584	63.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	95292	100.19	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	606924	93.60	ng	0.00
78) Terphenyl-d14	12.80	244	364418	56.63	ng	0.00
Target Compounds						
33) 4-Chloroaniline	8.07	127	18727	3.32	ng	Qvalue # 93
49) Dimethylphthalate	9.46	163	91926	12.60	ng	99

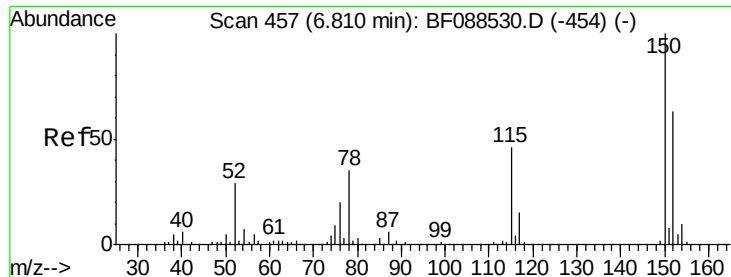
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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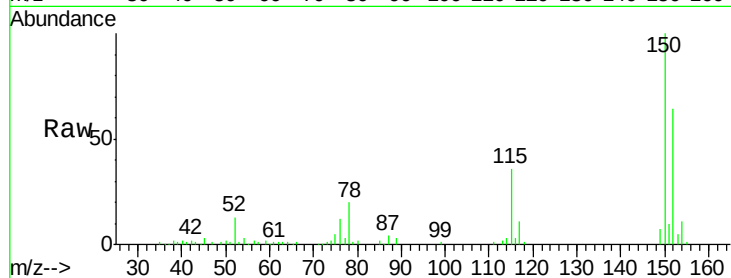


#1

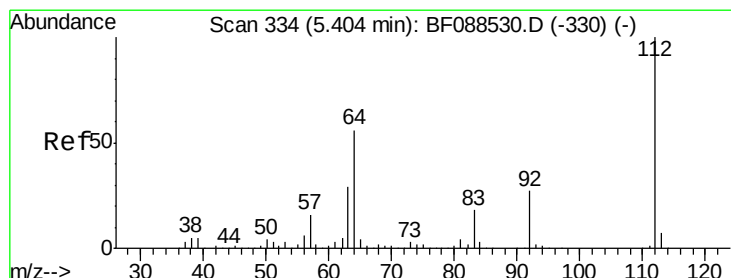
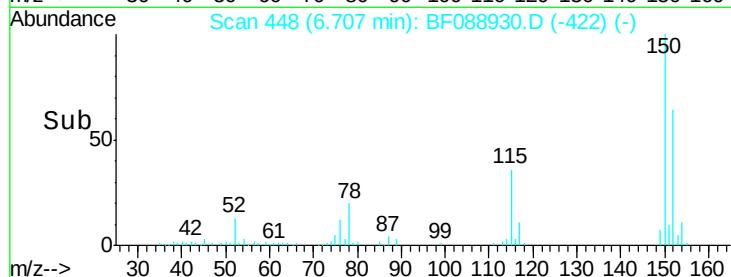
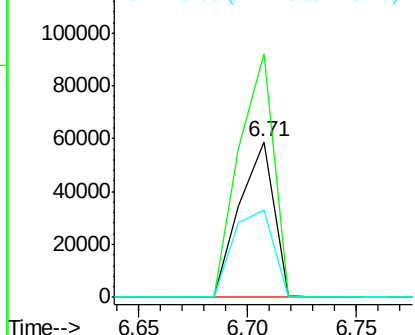
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tot Ion:152 Resp: 64212
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 55.9 39.6 59.4



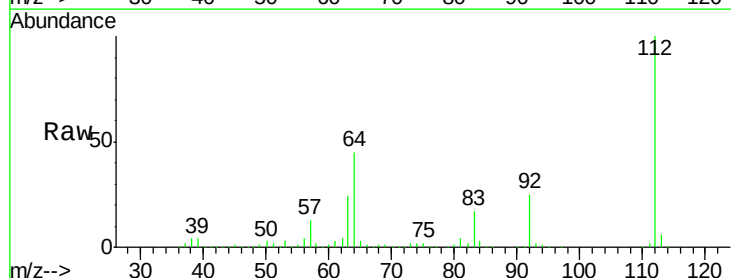
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



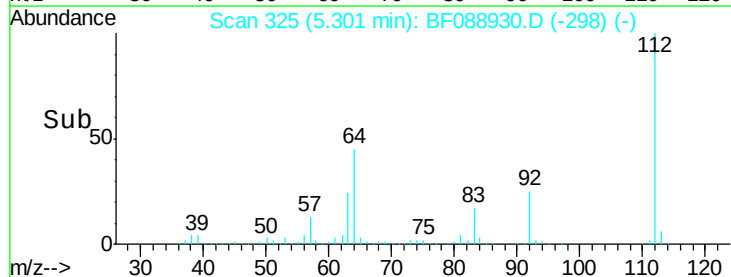
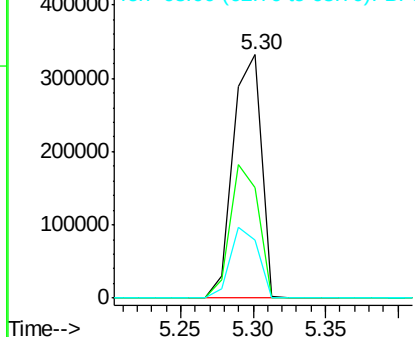
#5

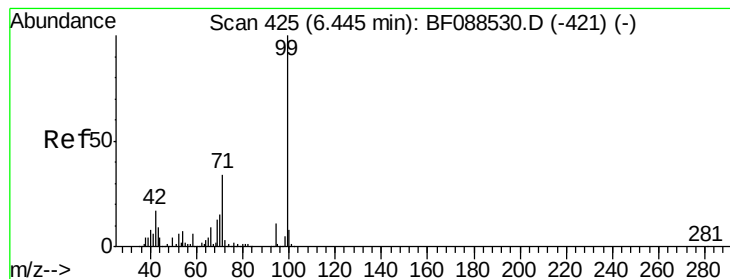
2-Fluorophenol
Concen: 104.94 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:112 Resp: 449617
Ion Ratio Lower Upper
112 100
64 45.5 42.2 63.2
63 24.0 21.8 32.8



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: 95.05 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

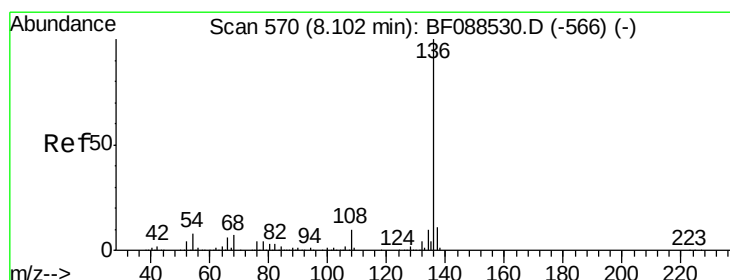
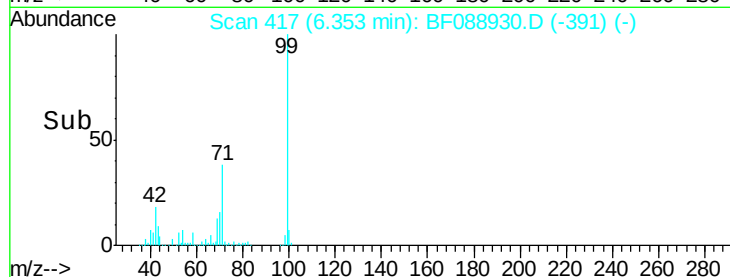
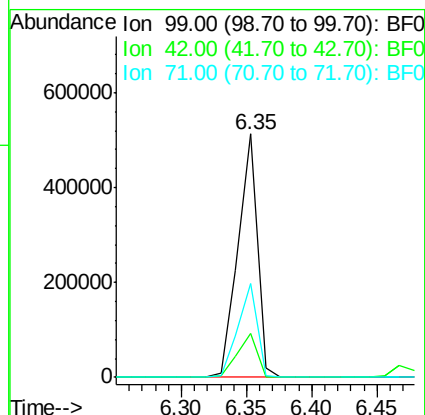
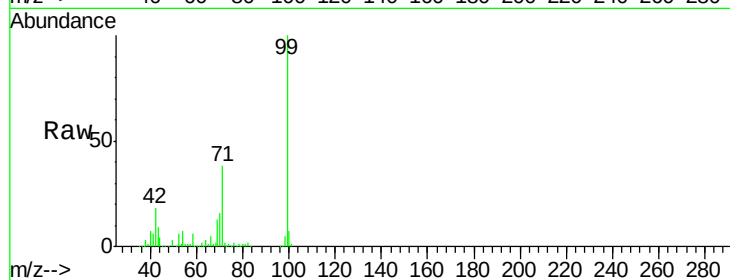
Tot Ion: 99 Resp: 526223

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 38.4 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Tgt Ion: 136 Resp: 257314

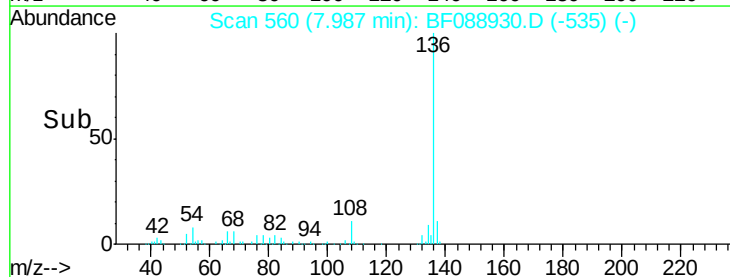
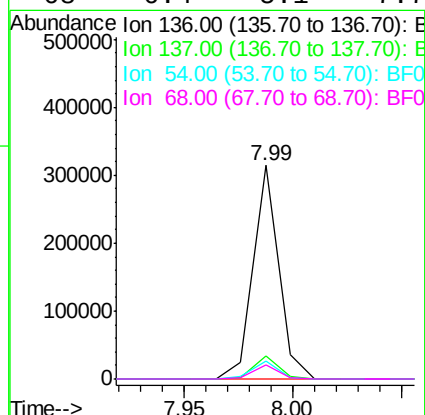
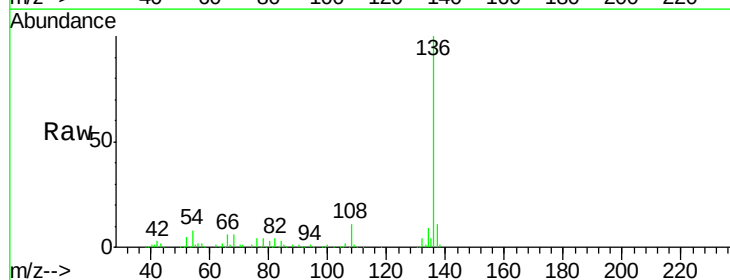
Ion Ratio Lower Upper

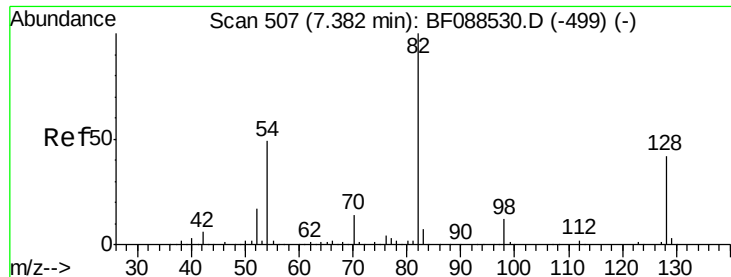
136 100

137 11.0 9.1 13.7

54 8.3 6.6 10.0

68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 63.86 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampled :

SS-14

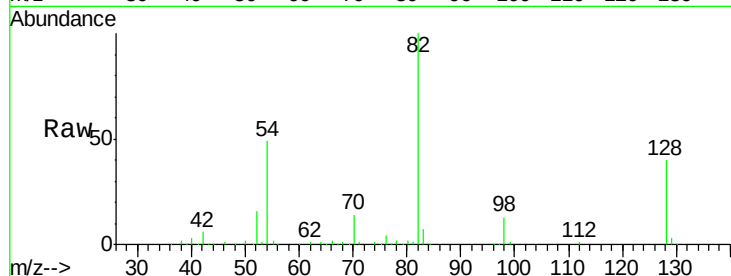
Tot Ion: 82 Resp: 313584

Ion Ratio Lower Upper

82 100

128 39.9 35.9 53.9

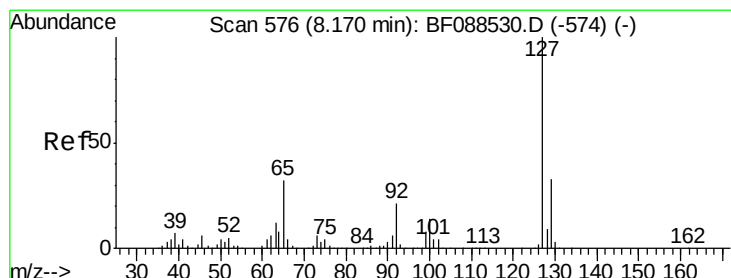
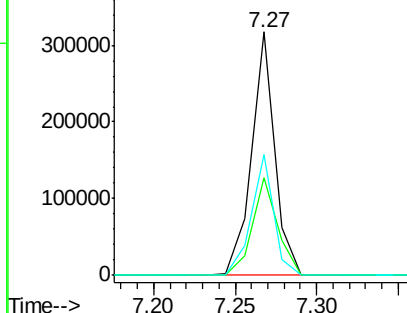
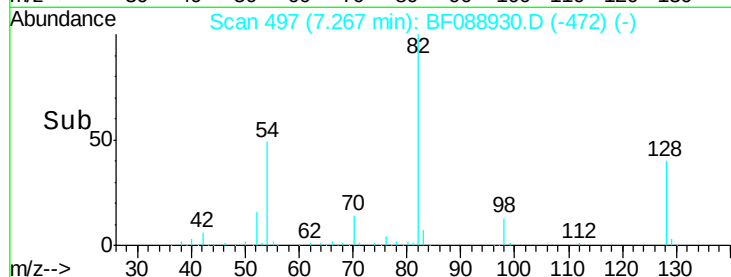
54 49.4 40.9 61.3



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



#33

4-Chloroaniline

Concen: 3.32 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Tgt Ion: 127 Resp: 18727

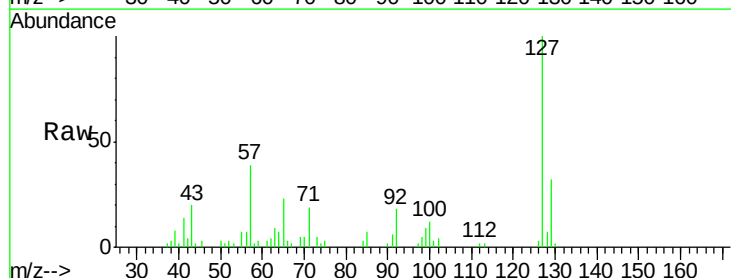
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 23.0 24.7 37.1#

92 18.2 15.4 23.0

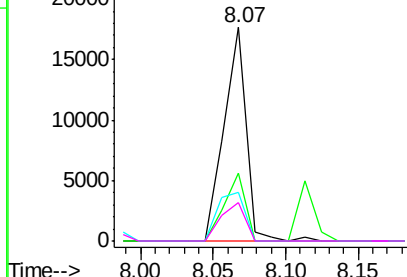
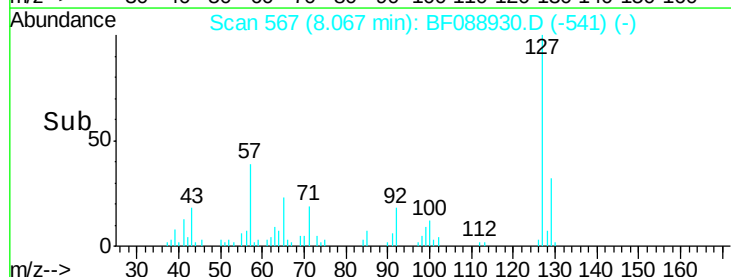


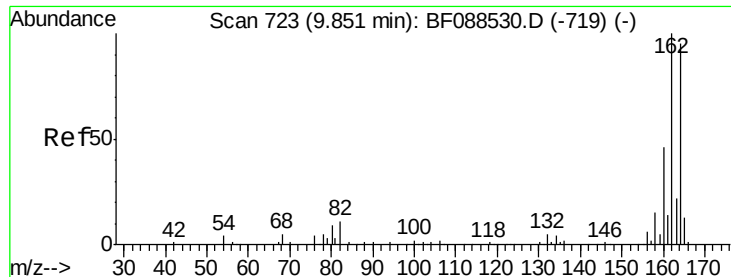
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

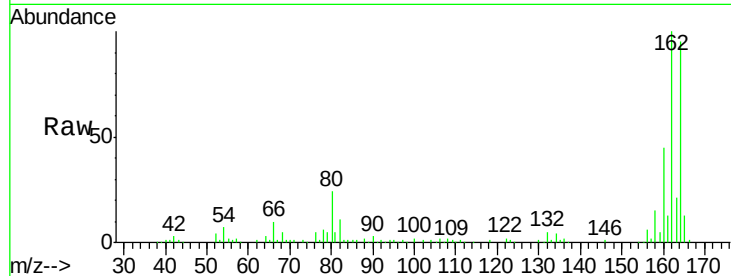




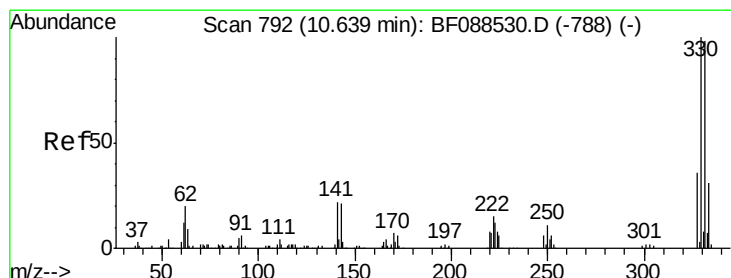
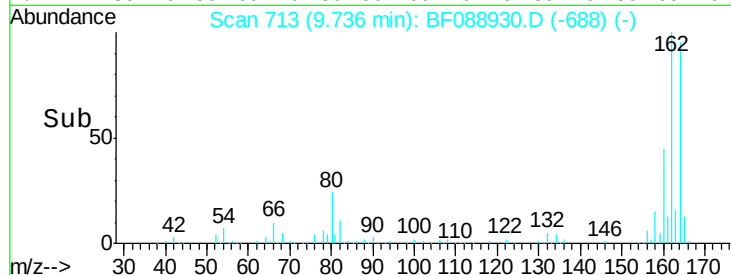
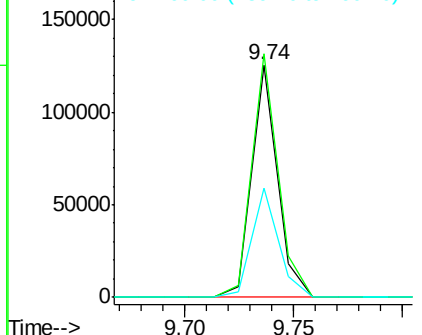
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tot Ion:164 Resp: 102424
Ion Ratio Lower Upper
164 100
162 104.8 85.4 128.2
160 47.1 39.5 59.3

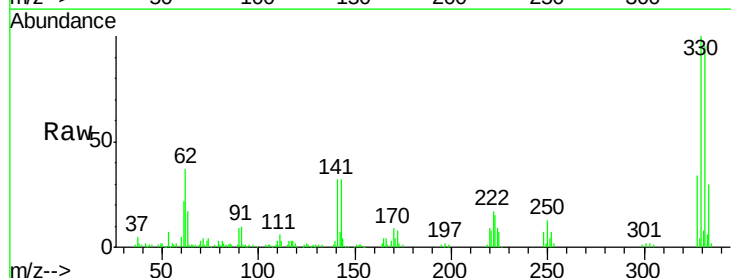


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

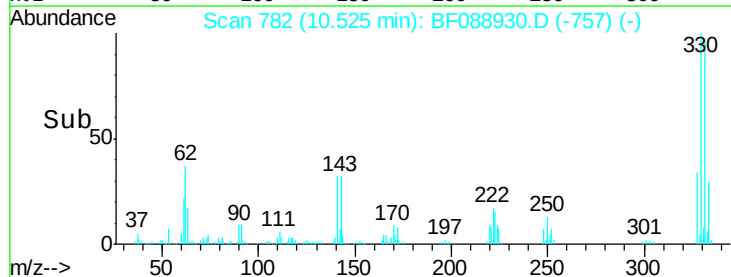
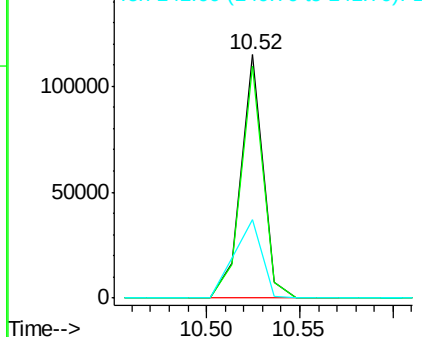


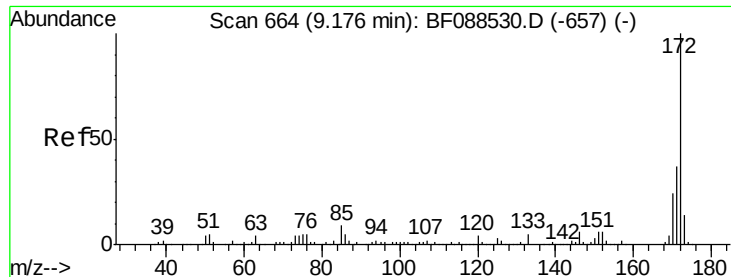
#41
2,4,6-Tribromophenol
Concen: 100.19 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:330 Resp: 95292
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 41.2 0.0 0.0#



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

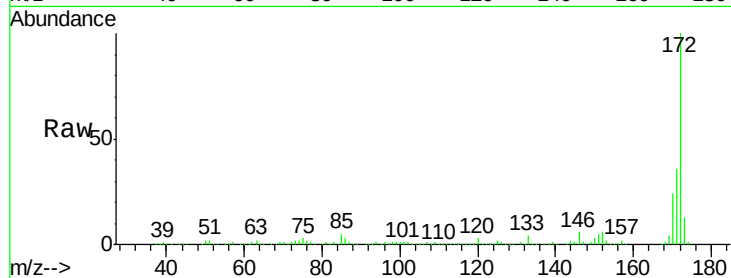




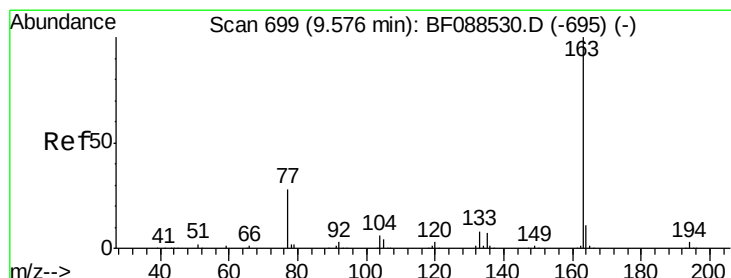
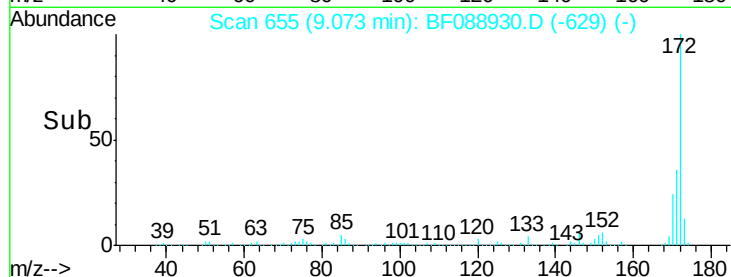
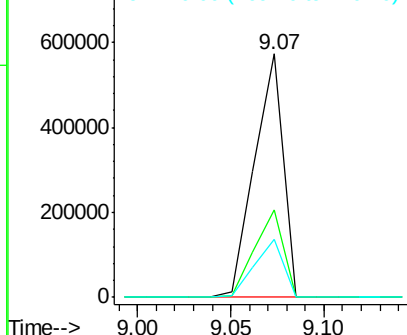
#44
2-Fluorobiphenyl
Concen: 93.60 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tot Ion:172 Resp: 606924
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.7 19.2 28.8

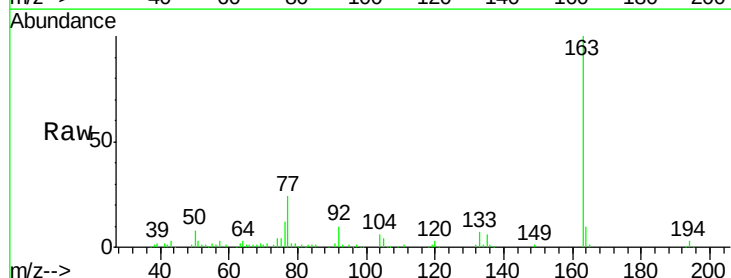


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

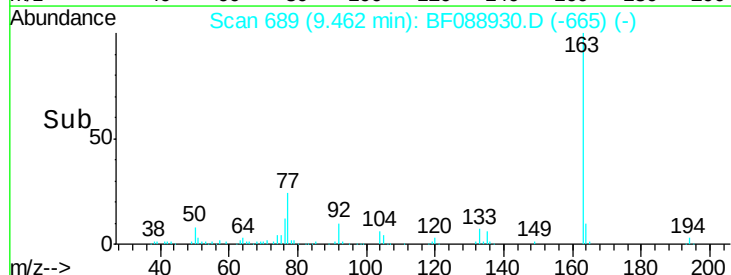
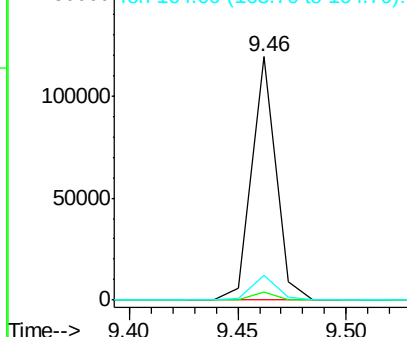


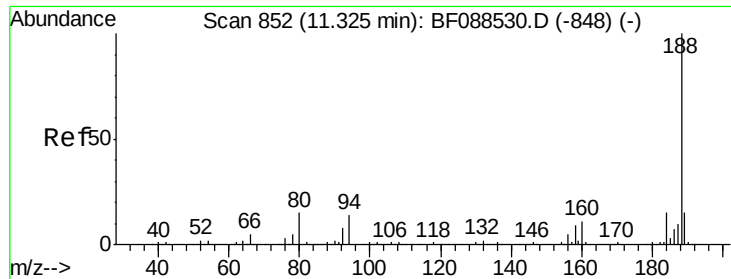
#49
Dimethylphthalate
Concen: 12.60 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:163 Resp: 91926
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 8.3 12.5



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

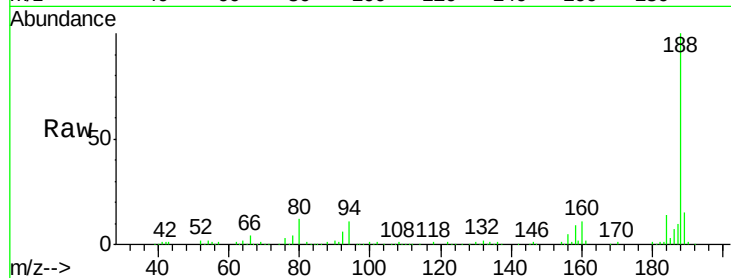




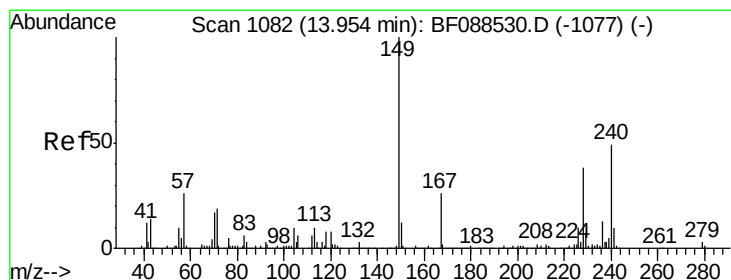
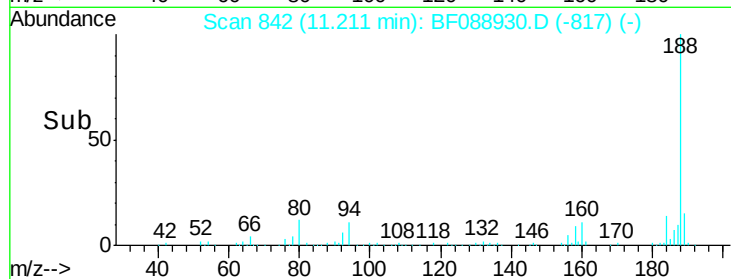
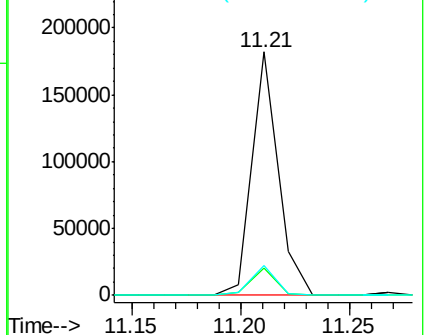
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tot Ion:188 Resp: 152761
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.4 10.0 15.0

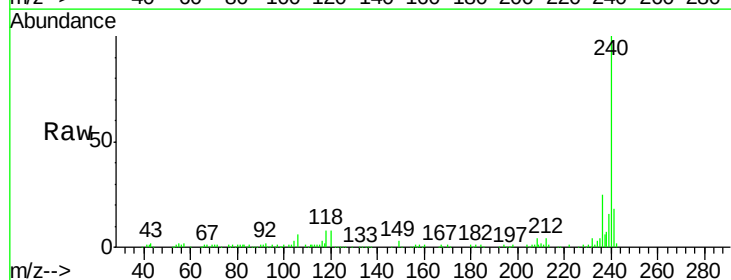


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

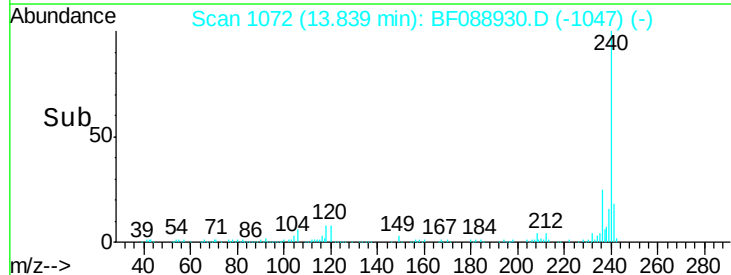
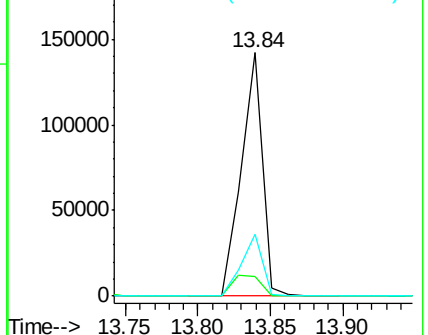


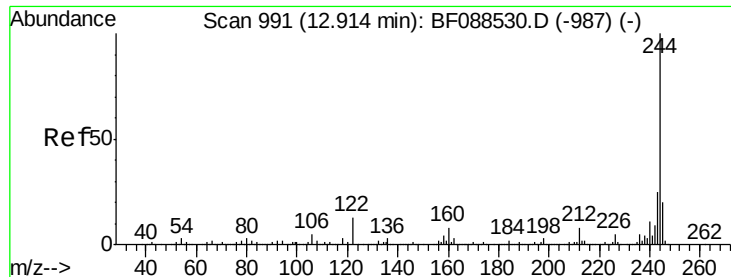
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:240 Resp: 143338
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.2 20.2 30.2



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

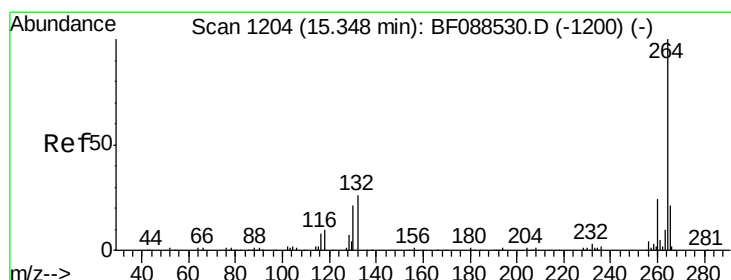
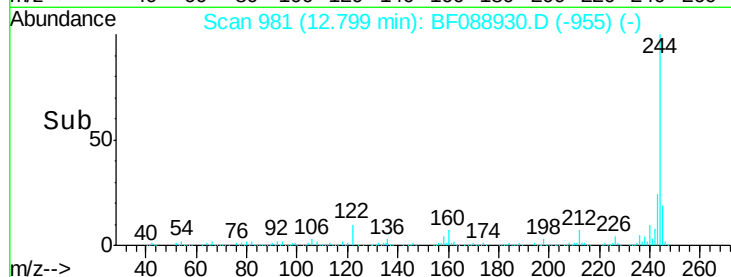
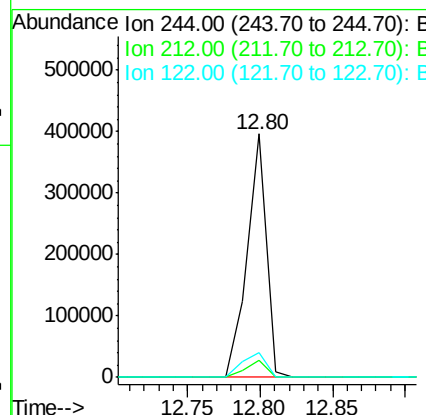
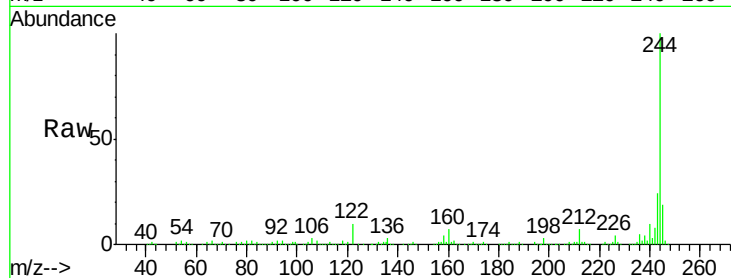




#78
 Terphenyl-d14
 Concen: 56.63 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Tot Ion:244 Resp: 364418
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion:264 Resp: 129849
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 16.9 25.3

