

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094562.D
 Acq On : 21 Apr 2017 14:23
 Operator : SJ/MA
 Sample : I2744-01DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418DL

Quant Time: Apr 21 15:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

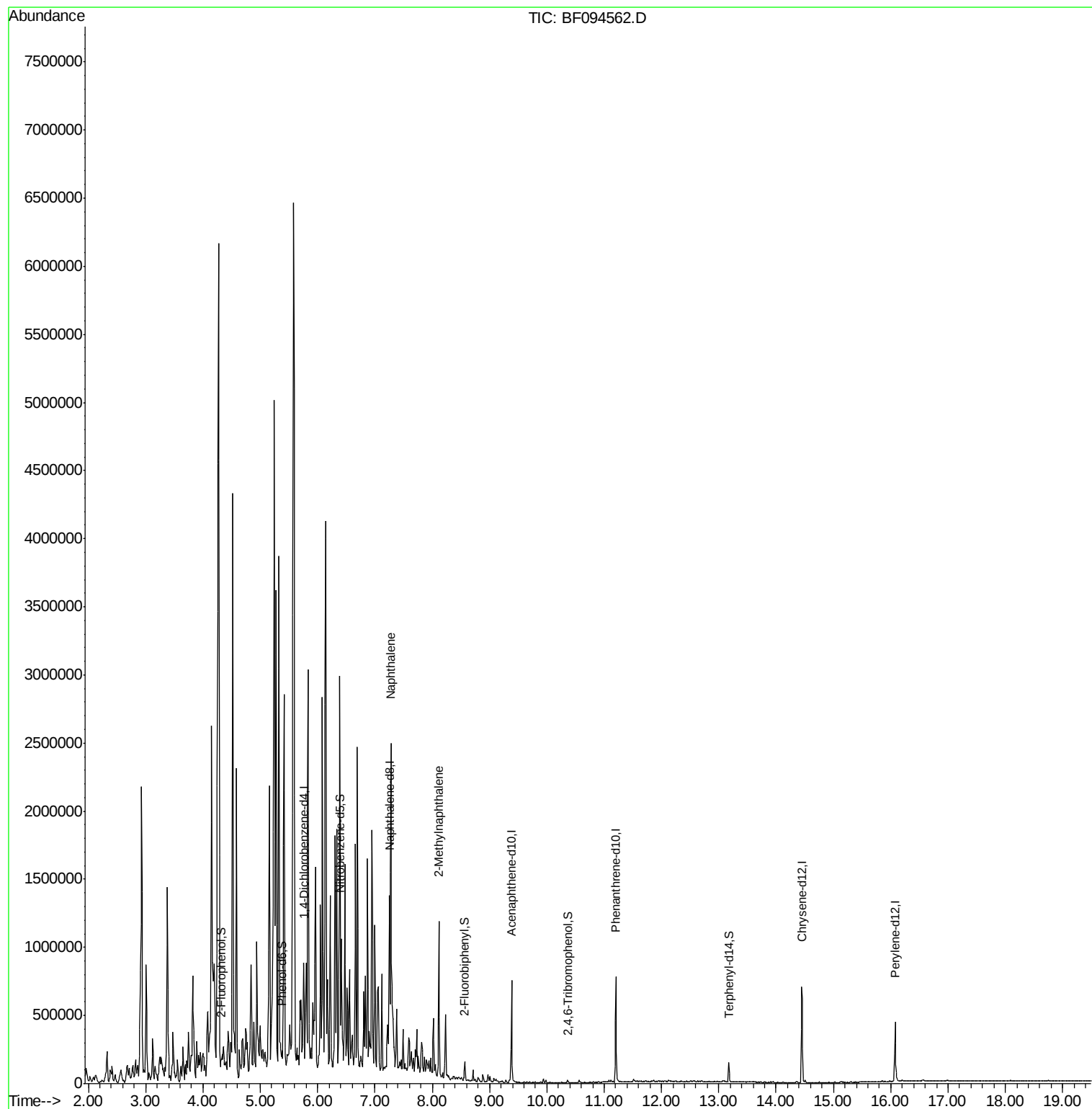
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	89350	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	352170	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	168842	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	326574	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	285796	20.00	ng	-0.02
86) Perylene-d12	16.08	264	205839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	21645	4.02	ng	0.00
7) Phenol-d6	5.38	99	30821	4.85	ng	0.00
23) Nitrobenzene-d5	6.40	82	28734	5.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	3160	2.39	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	49299	4.30	ng	-0.02
78) Terphenyl-d14	13.18	244	51294	4.80	ng	-0.02
Target Compounds						
31) Naphthalene	7.28	128	698243	41.24	ng	Qvalue 100
37) 2-Methylnaphthalene	8.12	142	331844	28.65	ng	98

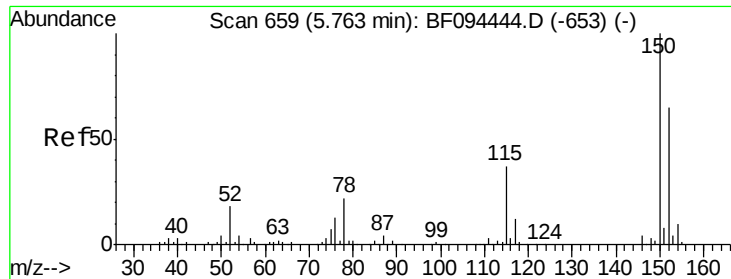
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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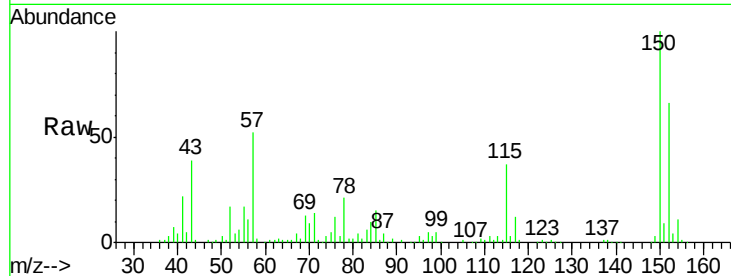


#1

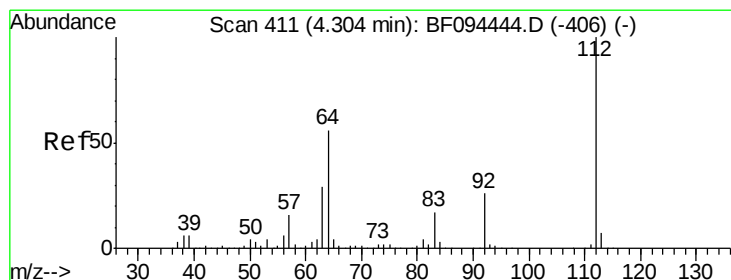
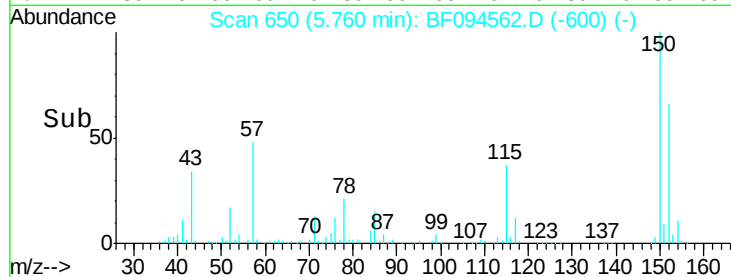
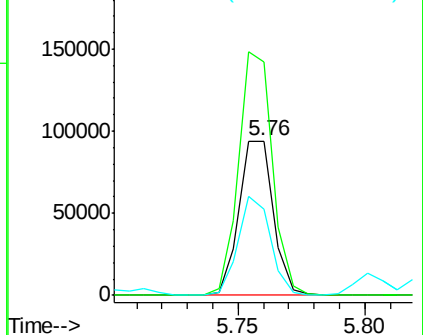
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418DL

Tot Ion:152 Resp: 89350
Ion Ratio Lower Upper
152 100
150 151.1 126.2 189.2
115 56.2 52.2 78.2



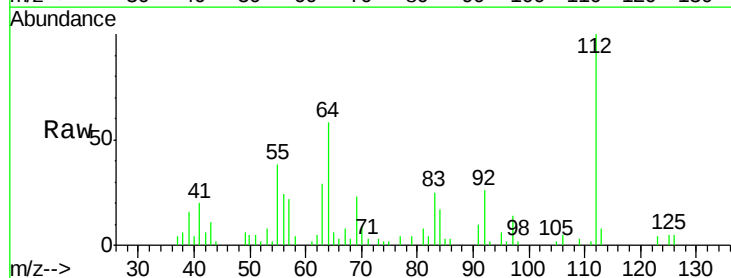
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



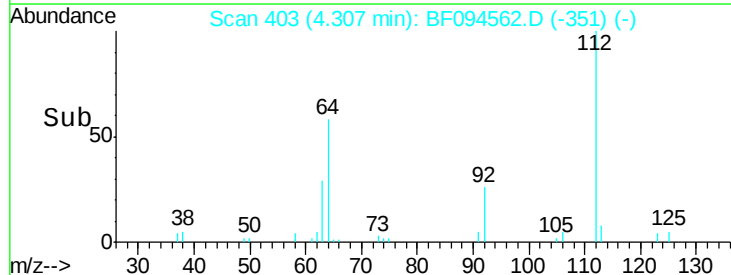
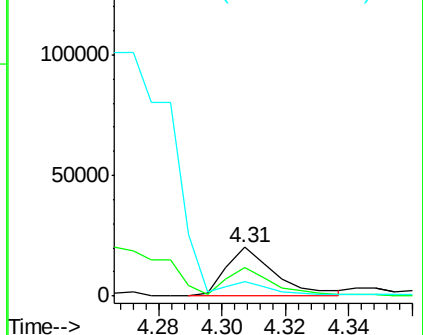
#5

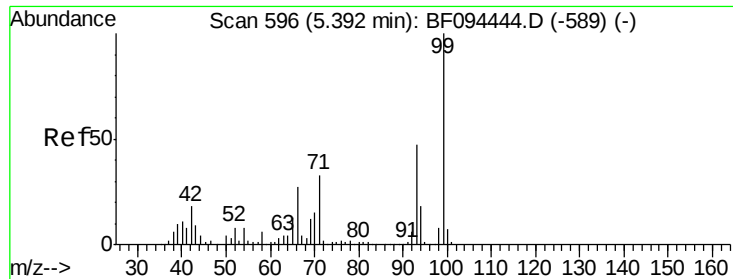
2-Fluorophenol
Concen: 4.02 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

Tgt Ion:112 Resp: 21645
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.0 23.4 35.0



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: 4.85 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094562.D

Acq: 21 Apr 2017 14:23

Instrument :

BNA_F

ClientSampleId :

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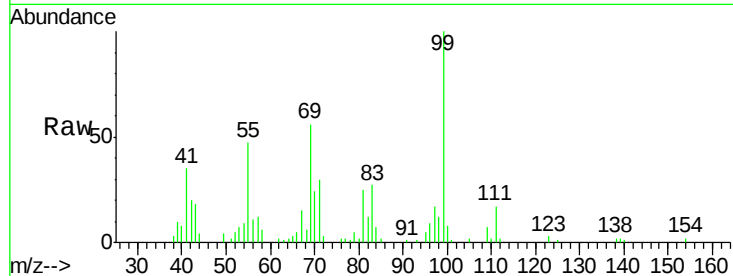
Tot Ion: 99 Resp: 30821

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

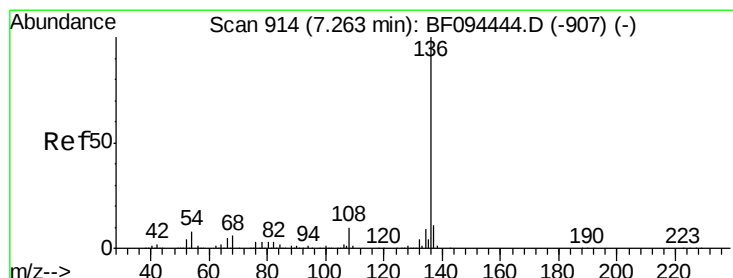
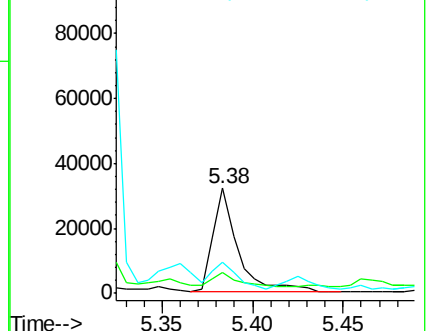
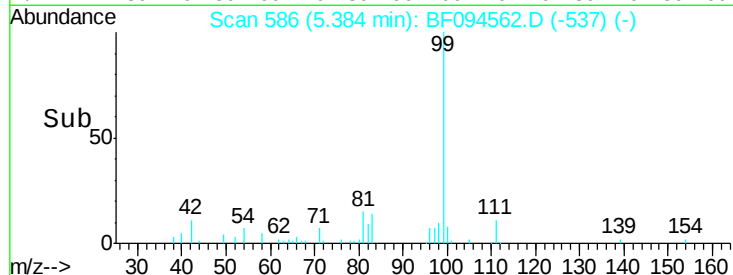
71 29.8 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094562.D

Acq: 21 Apr 2017 14:23

Tgt Ion: 136 Resp: 352170

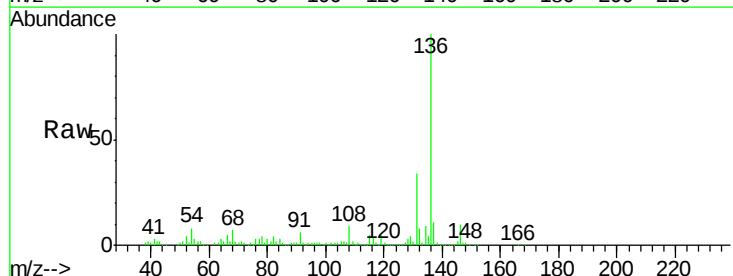
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.9 4.9 7.3#

68 6.5 4.1 6.1#

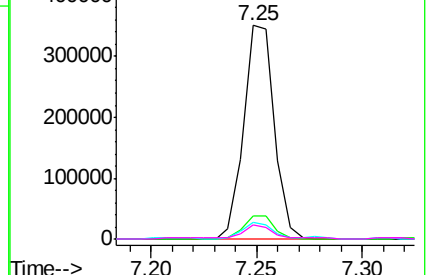
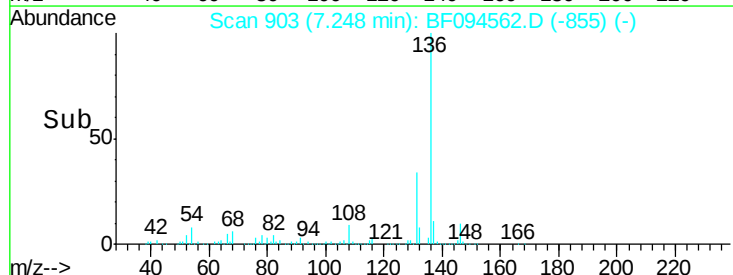


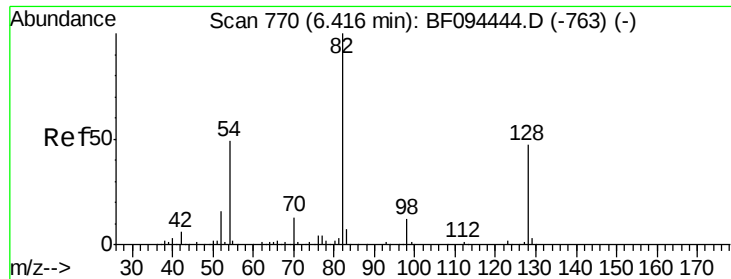
Abundance Ion 136.00 (135.70 to 136.70): E

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

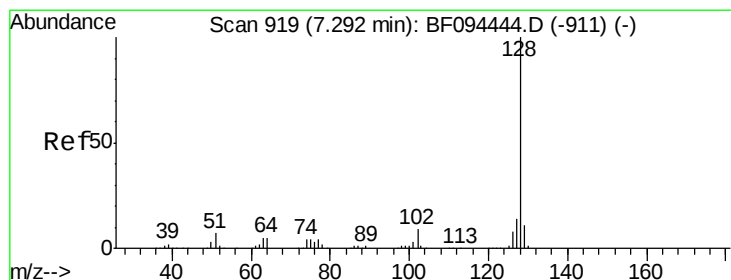
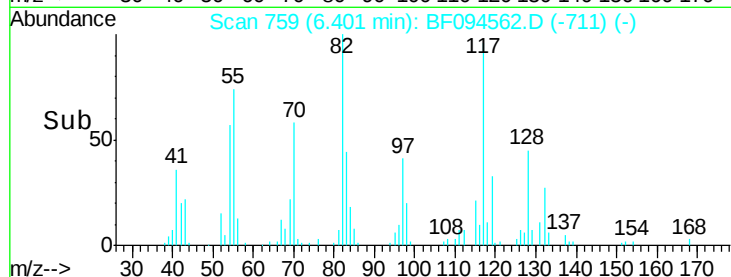
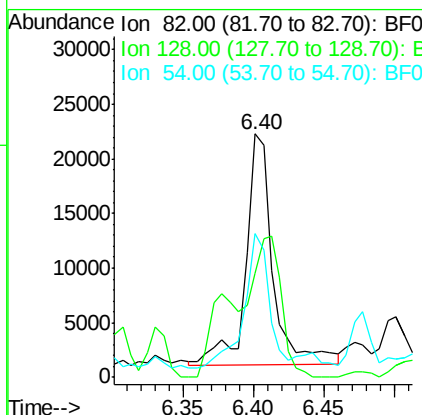
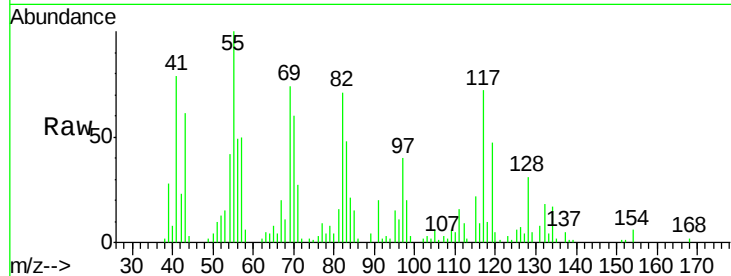




#23
Nitrobenzene-d5
Concen: 5.04 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

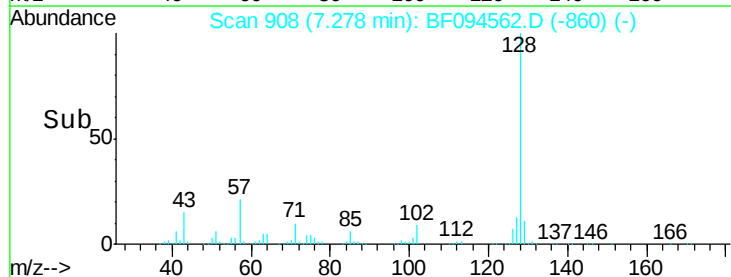
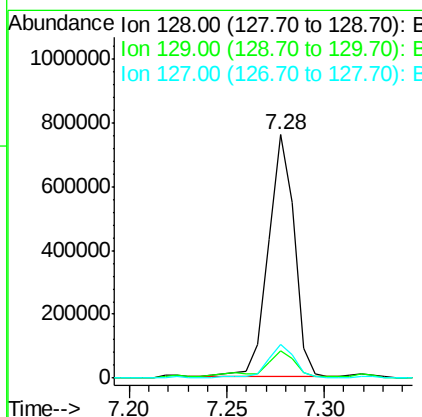
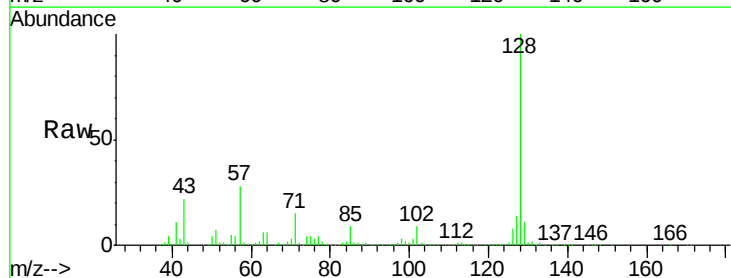
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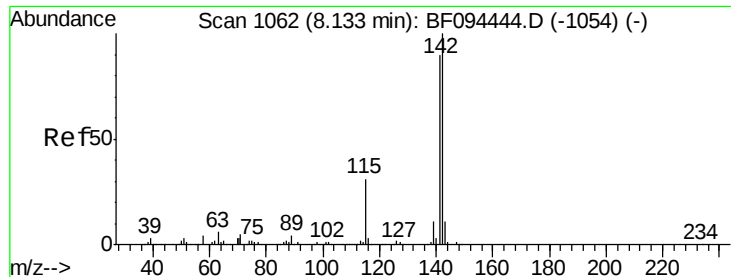
Tot Ion: 82 Resp: 28734
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 59.2 42.2 63.2



#31
Naphthalene
Concen: 41.24 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

Tgt Ion:128 Resp: 698243
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2

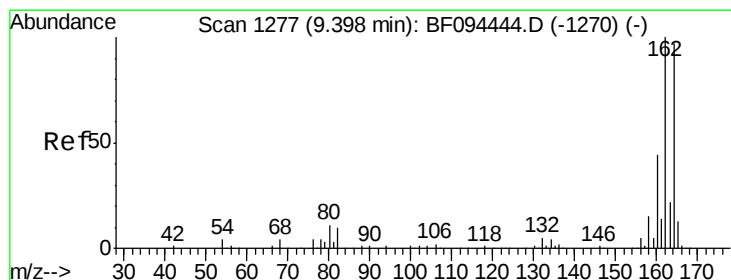
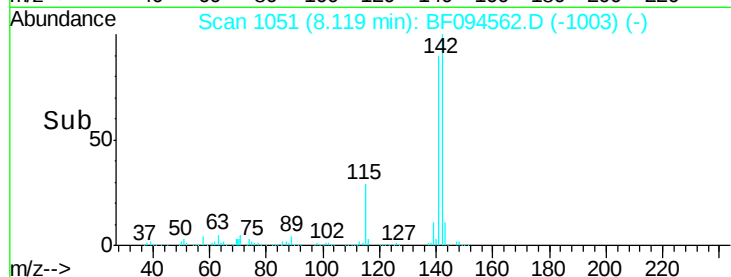
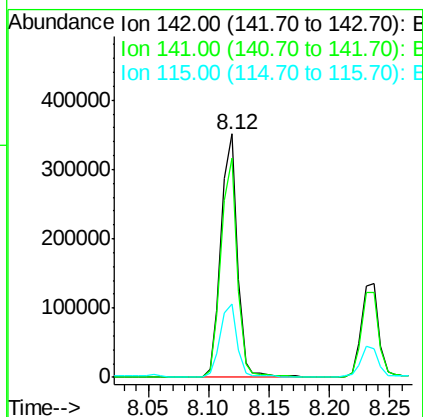
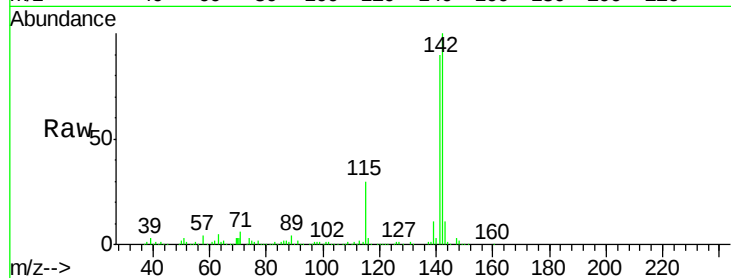




#37
2-Methylnaphthalene
Concen: 28.65 ng
RT: 8.12 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

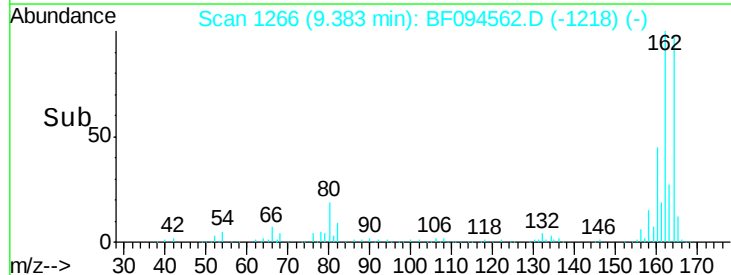
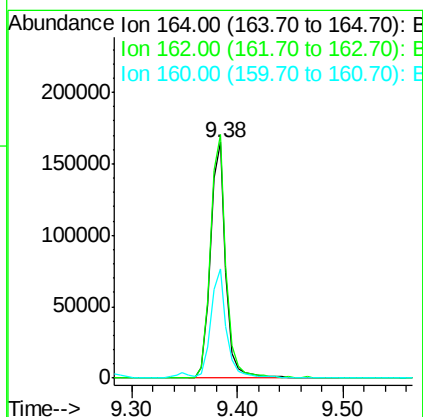
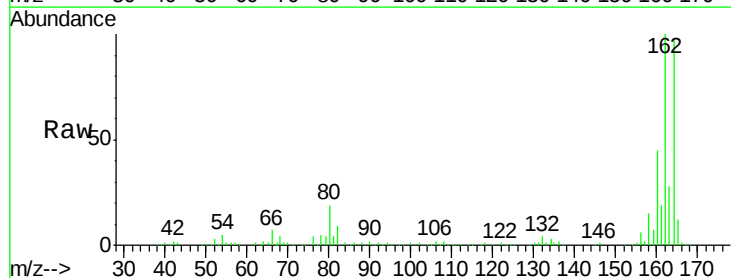
Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)20170418DL

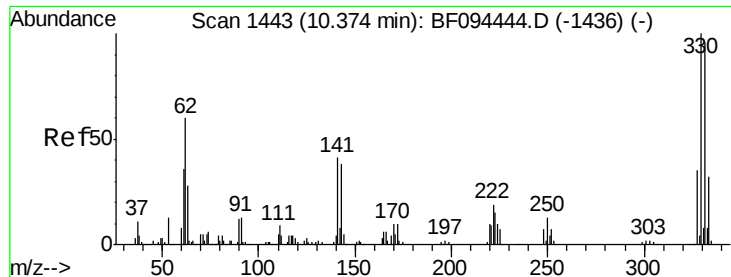
Tot Ion:142 Resp: 331844
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 30.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

Tgt Ion:164 Resp: 168842
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 46.4 36.2 54.2

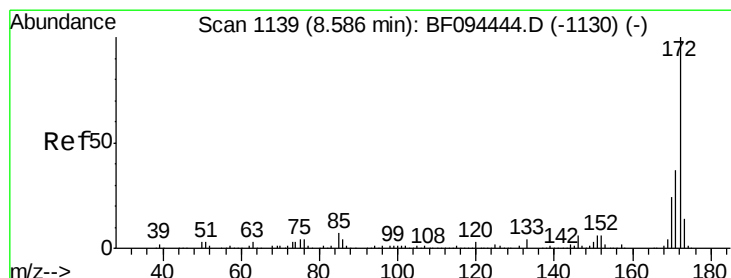
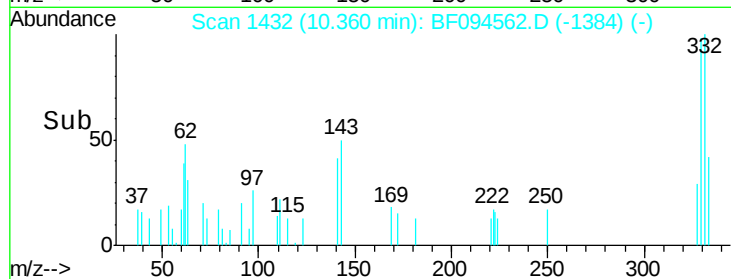
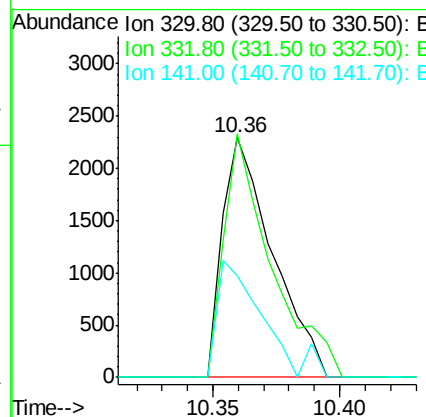
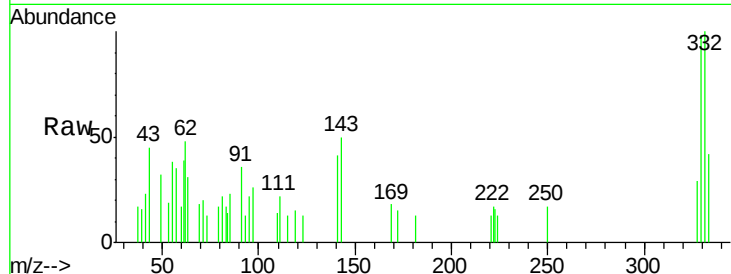




#41
 2,4,6-Tribromophenol
 Concen: 2.39 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094562.D
 Acq: 21 Apr 2017 14:23

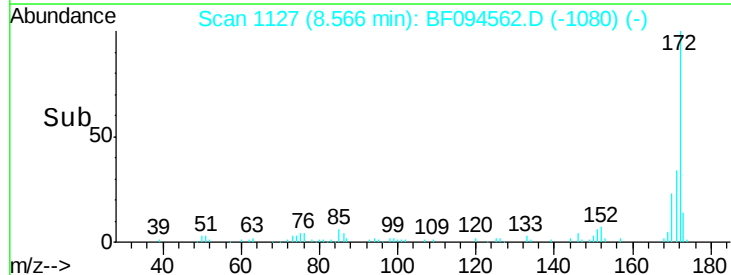
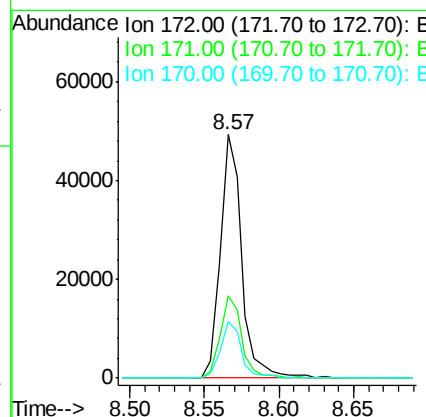
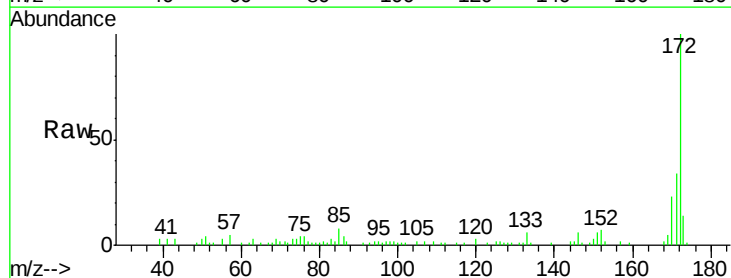
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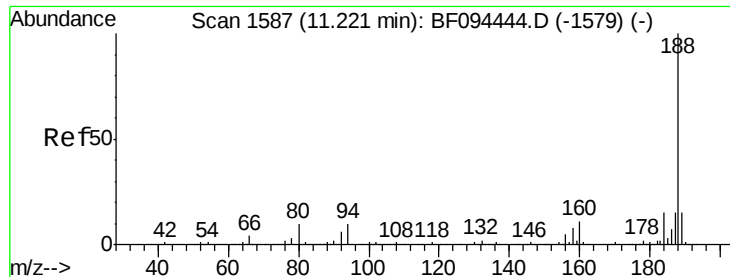
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	44.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 4.30 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094562.D
 Acq: 21 Apr 2017 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.6	44.4
170	23.1	19.8	29.8

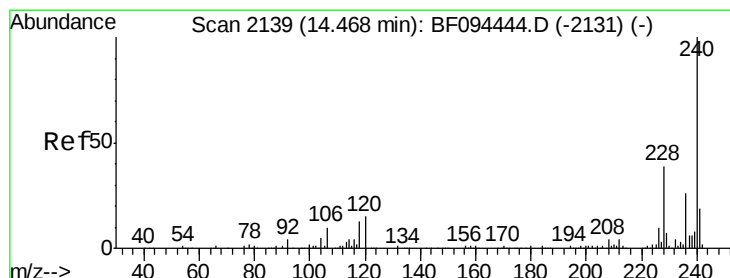
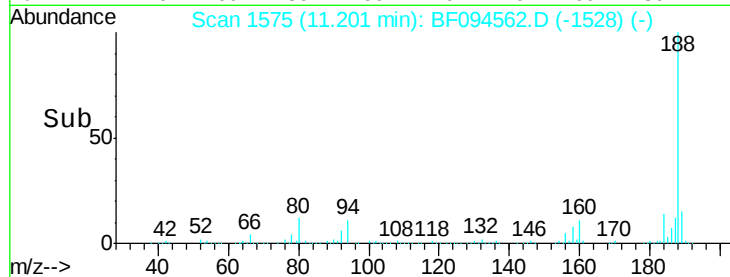
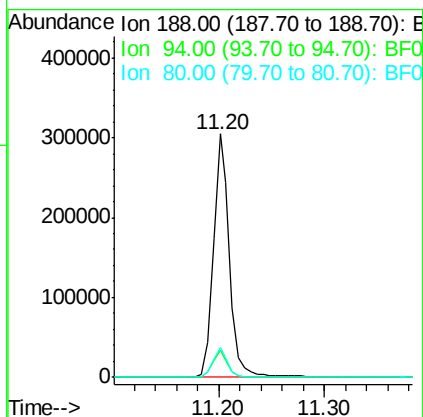
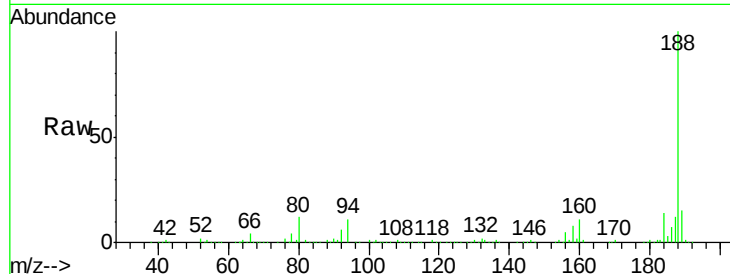




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

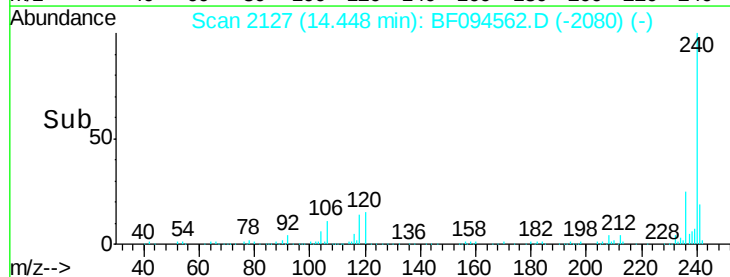
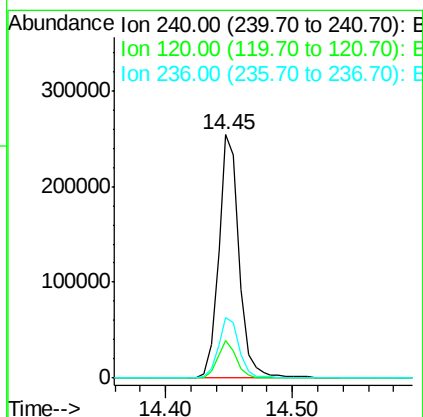
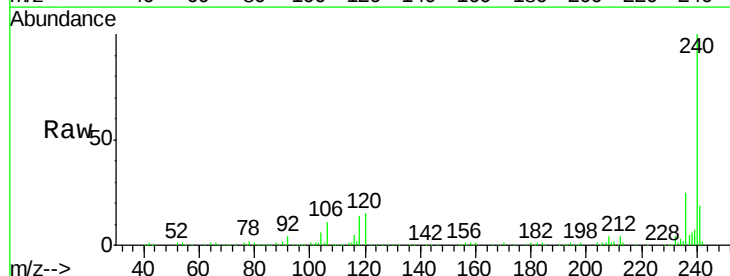
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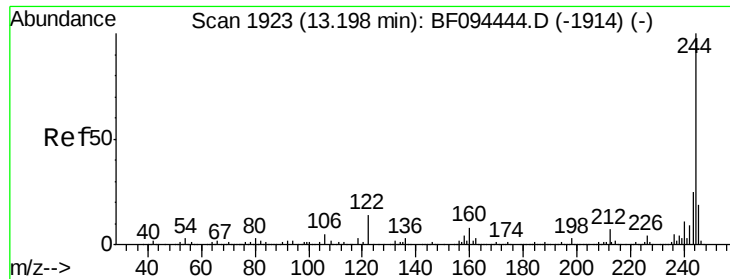
Tot Ion:188 Resp: 326574
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094562.D
Acq: 21 Apr 2017 14:23

Tgt Ion:240 Resp: 285796
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.1 20.5 30.7

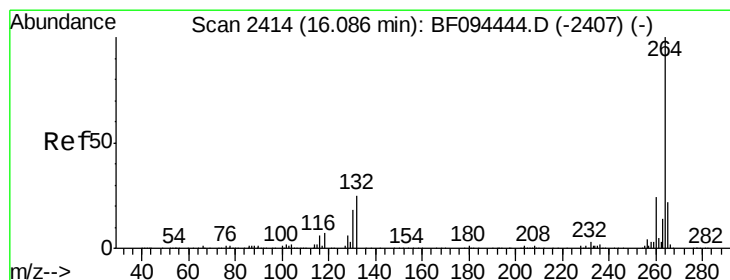
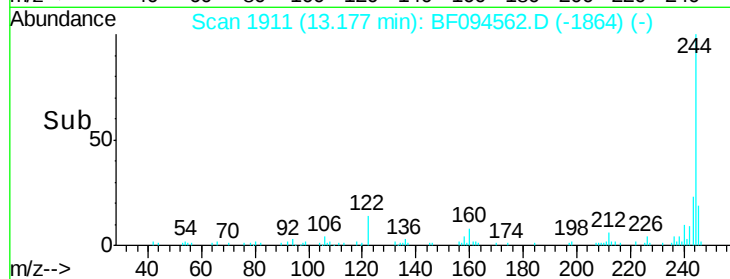
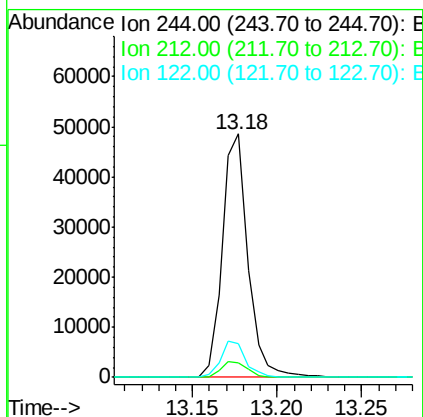
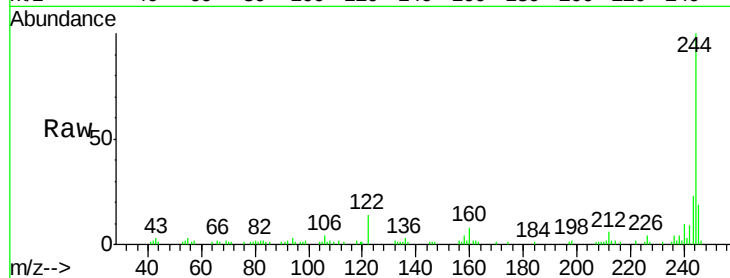




#78
 Terphenyl-d14
 Concen: 4.80 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094562.D
 Acq: 21 Apr 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)20170418DL

Tot Ion:244 Resp: 51294
 Ion Ratio Lower Upper
 244 100
 212 5.8 6.0 9.0#
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094562.D
 Acq: 21 Apr 2017 14:23

Tgt Ion:264 Resp: 205839
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.3 17.2 25.8

