

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092439.D
 Acq On : 24 Jan 2017 20:00
 Operator : UM/SJ
 Sample : I1322-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-8-9

Quant Time: Jan 25 00:05:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

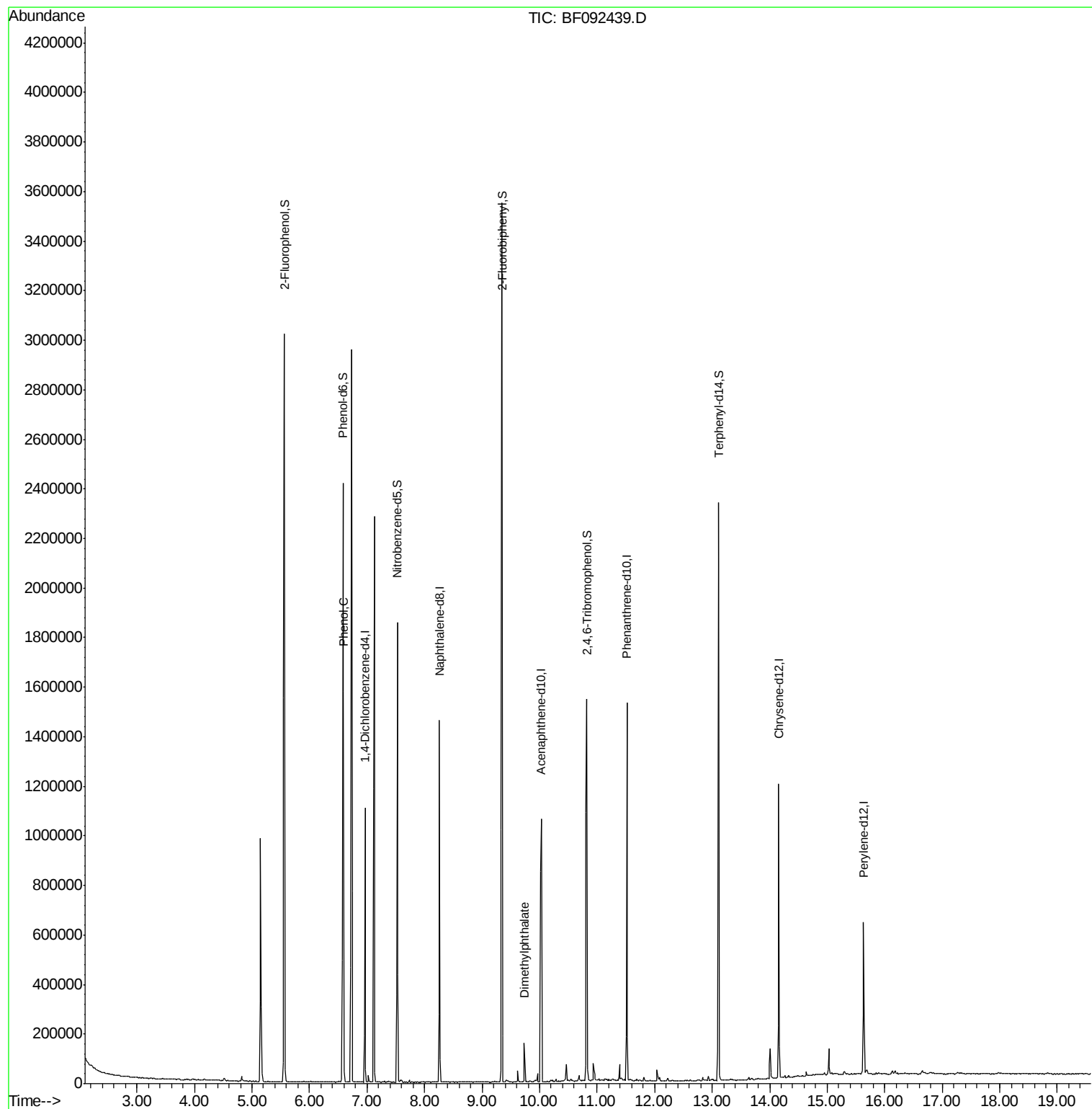
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150645	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	601039	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	317144	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	504061	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	373297	20.00	ng	-0.01
86) Perylene-d12	15.63	264	271863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	867134	89.56	ng	0.01
7) Phenol-d6	6.58	99	1056680	85.68	ng	-0.01
23) Nitrobenzene-d5	7.53	82	603517	54.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	203861	94.33	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1091721	63.65	ng	-0.01
78) Terphenyl-d14	13.12	244	1025596	73.16	ng	0.00
Target Compounds						
10) Phenol	6.59	94	38990	2.62	ng	# 75
49) Dimethylphthalate	9.73	163	73259	3.63	ng	# 98

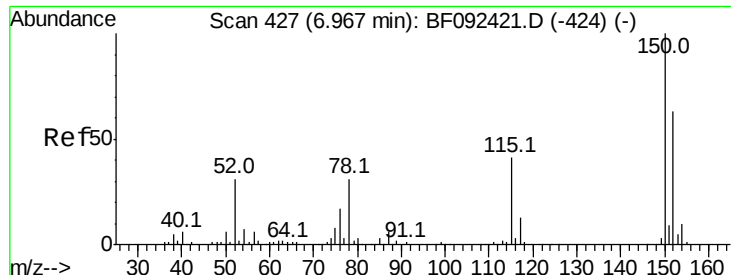
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

B1-8-9

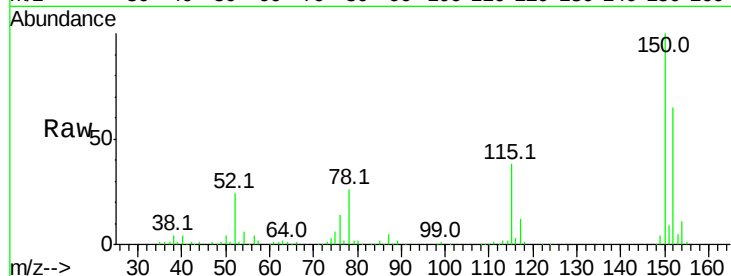
Tot Ion:152 Resp: 150645

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

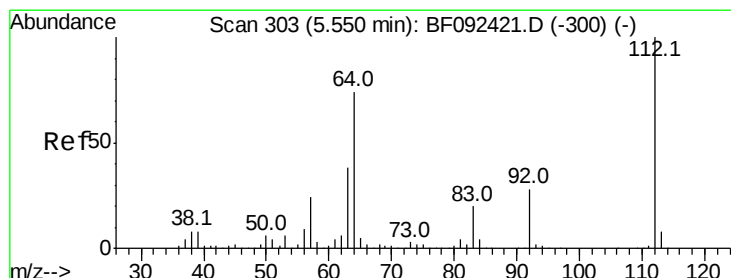
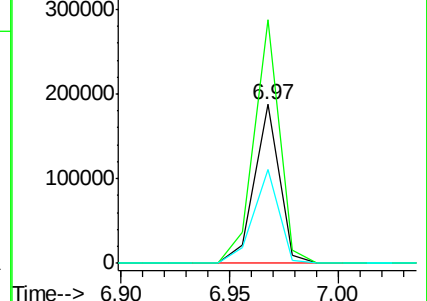
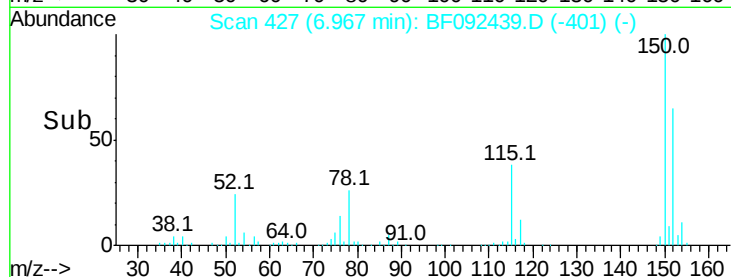
115 58.6 46.0 69.0



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: 89.56 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

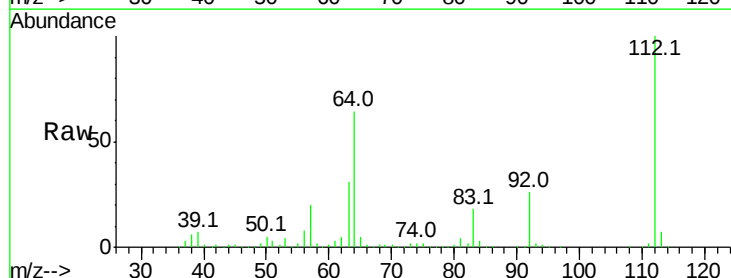
Tgt Ion:112 Resp: 867134

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

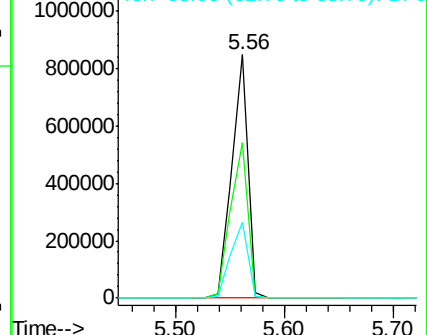
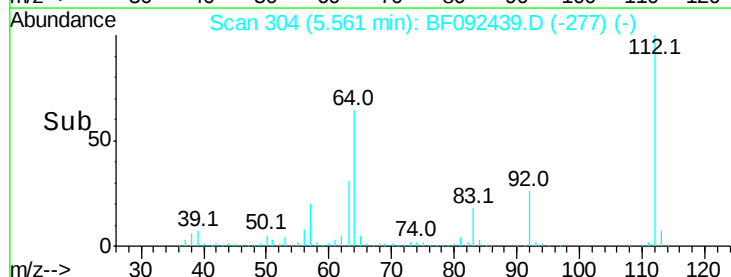
63 31.4 23.8 35.6

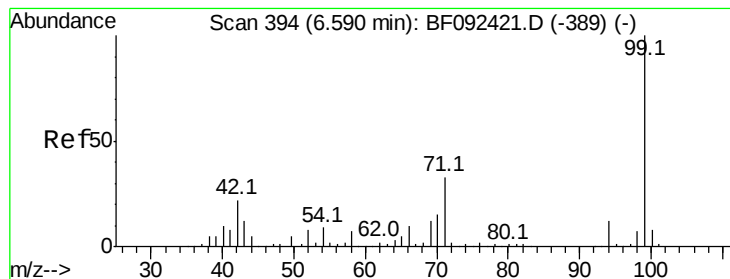


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.68 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

Instrument :

BNA_F

ClientSampleId :

B1-8-9

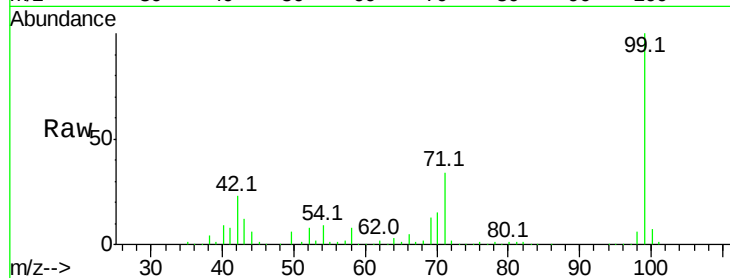
Tot Ion: 99 Resp: 1056680

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

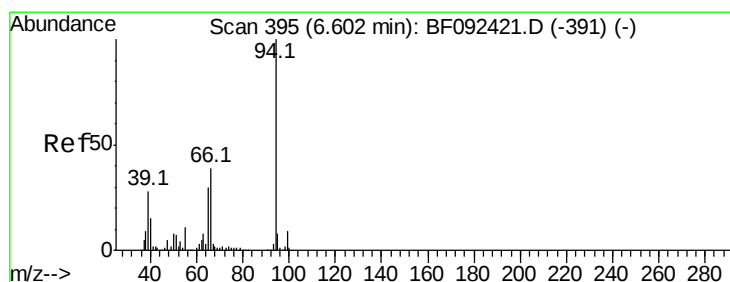
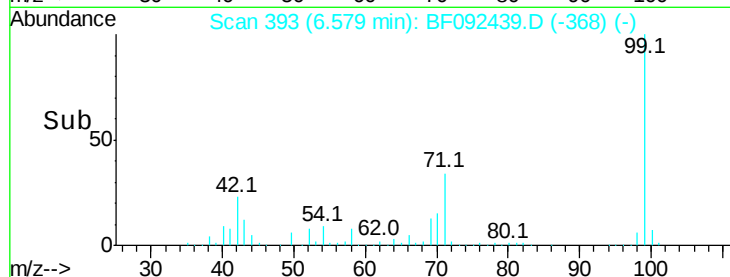
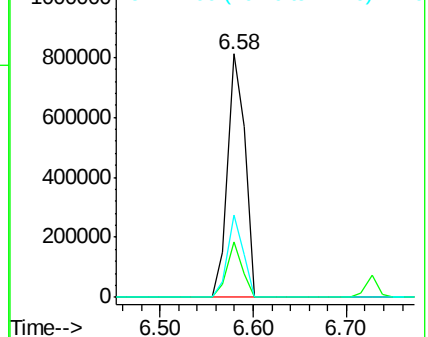
71 33.7 27.5 41.3



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



#10

Phenol

Concen: 2.62 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092439.D

Acq: 24 Jan 2017 20:00

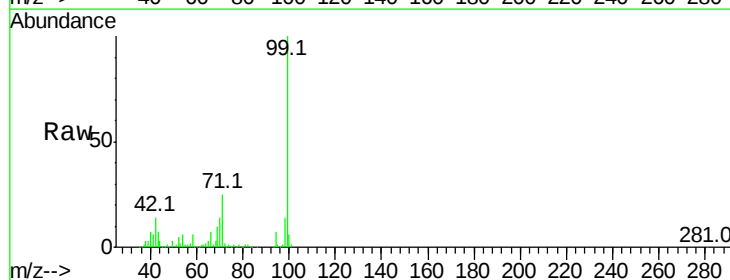
Tgt Ion: 94 Resp: 38990

Ion Ratio Lower Upper

94 100

65 46.2 21.4 61.4

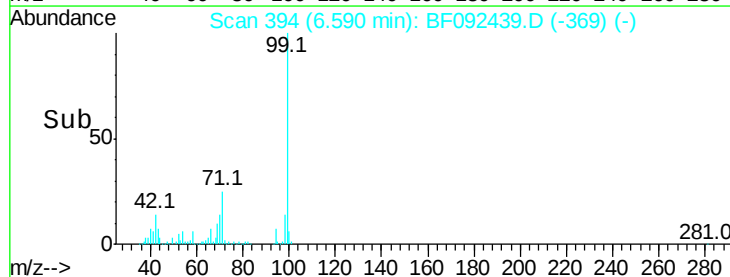
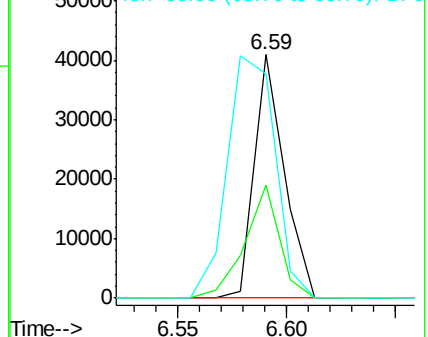
66 92.3 44.0 84.0#

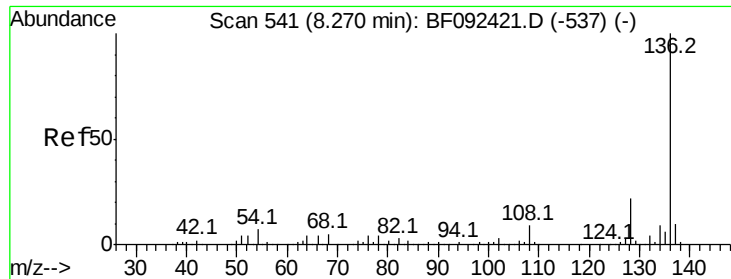


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

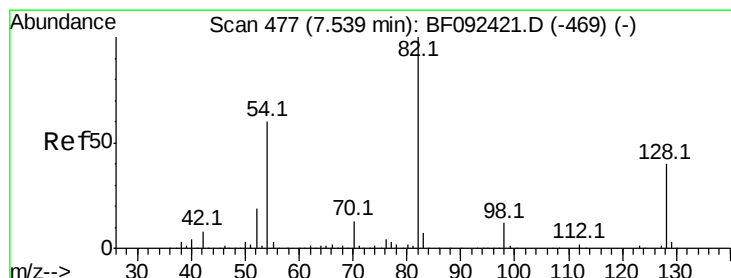
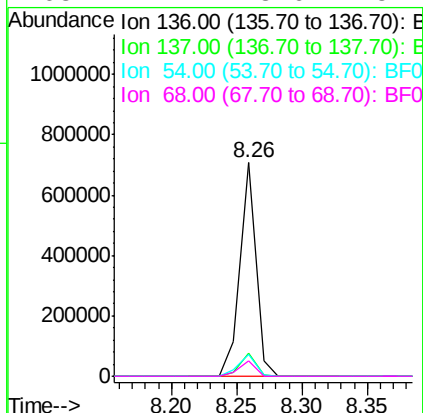
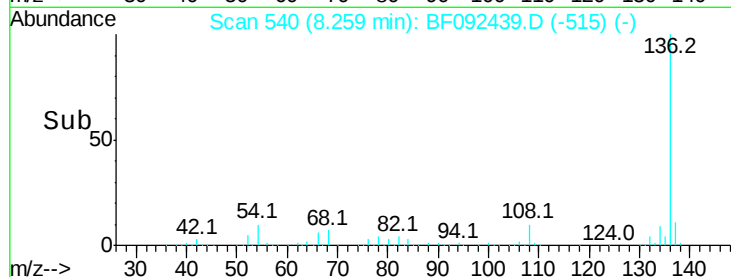
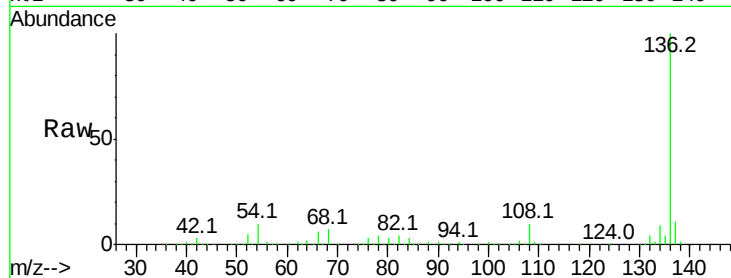




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

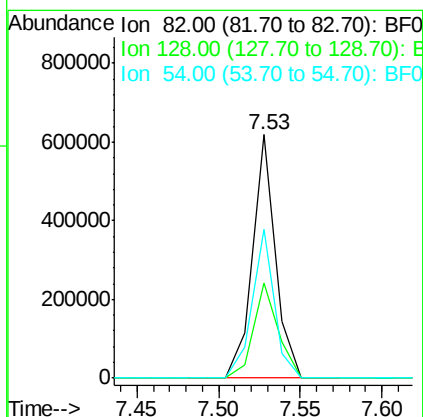
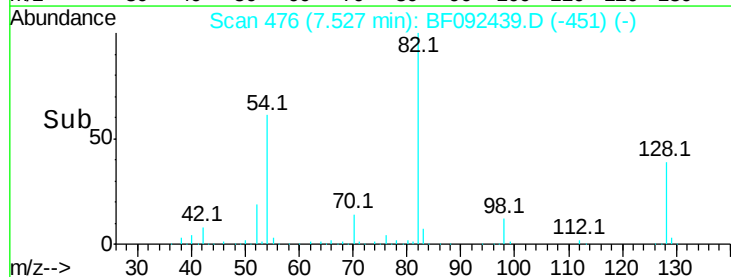
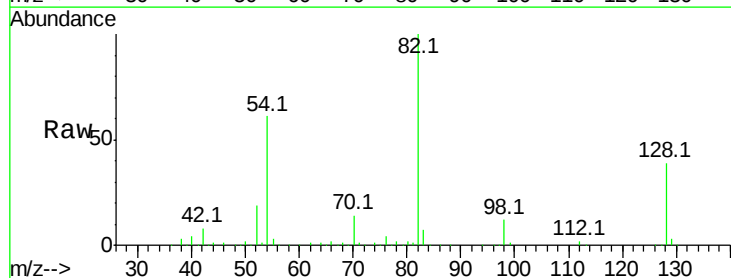
Instrument :
BNA_F
ClientSampleId :
B1-8-9

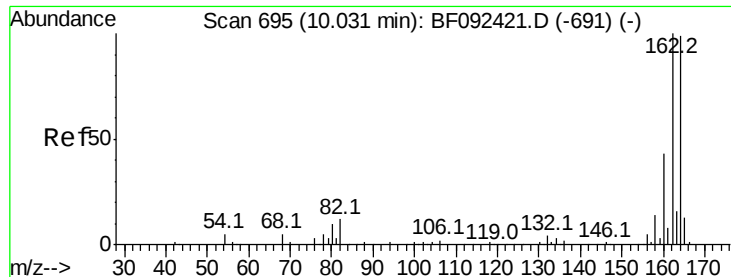
Tot Ion:	136	Resp:	601039
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.5	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 54.85 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:	82	Resp:	603517
Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.6	52.0
54	61.3	39.5	59.3#

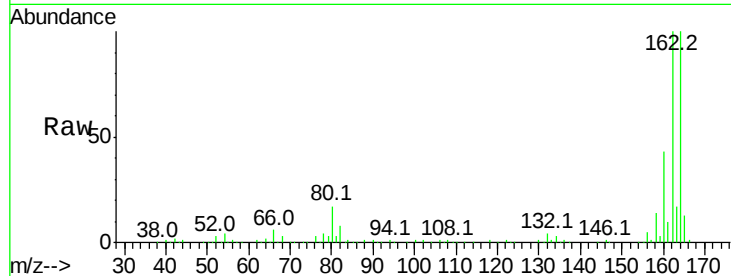




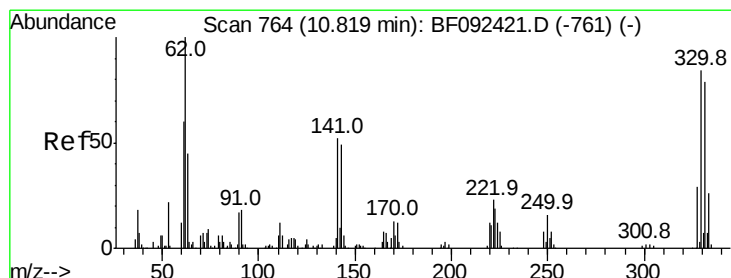
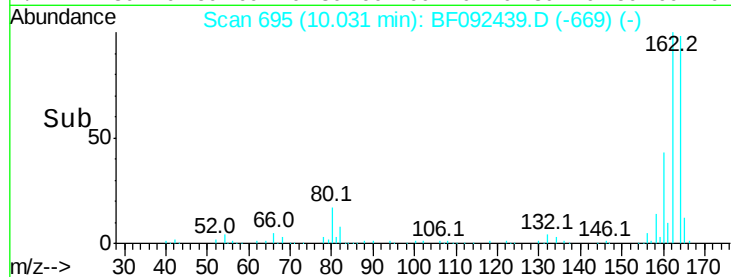
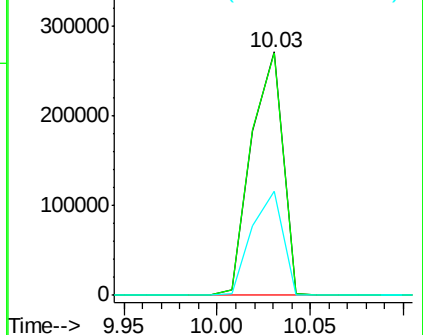
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Tot Ion:164 Resp: 317144
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 42.5 36.9 55.3

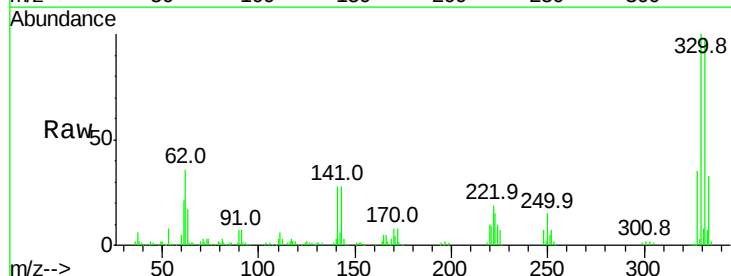


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

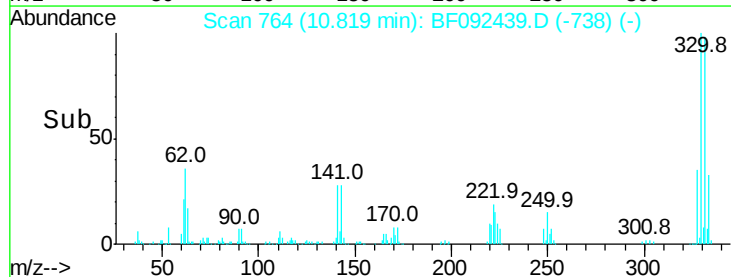
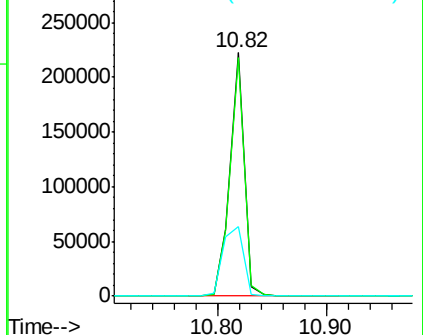


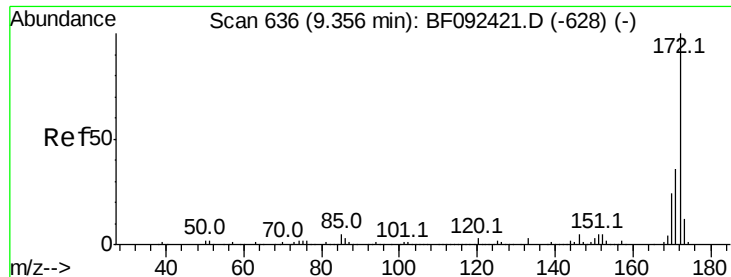
#41
2,4,6-Tribromophenol
Concen: 94.33 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:330 Resp: 203861
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.2
141 41.0 34.1 51.1



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

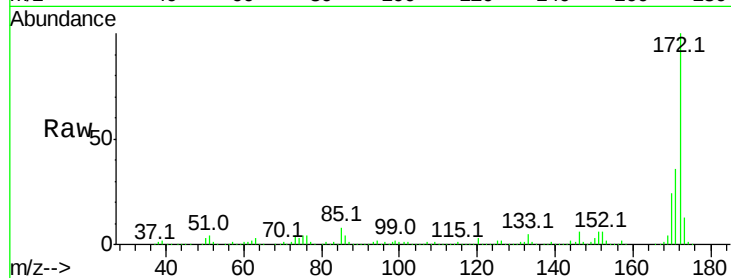




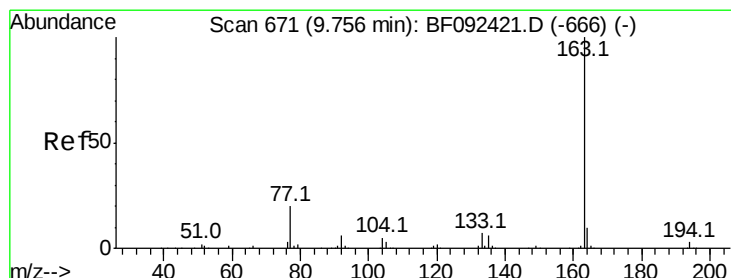
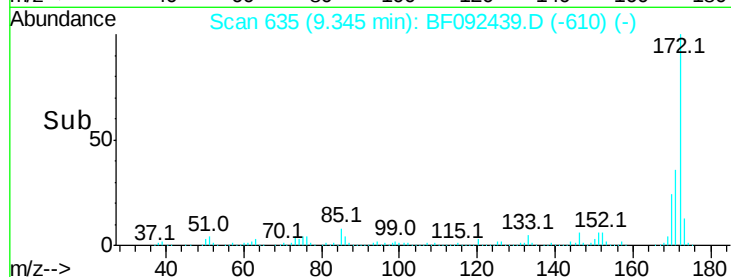
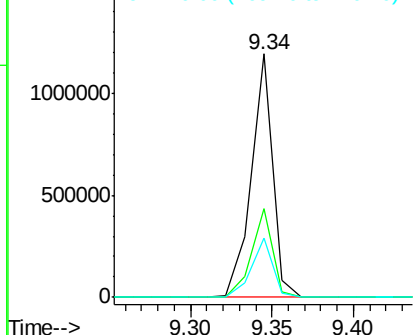
#44
2-Fluorobiphenyl
Concen: 63.65 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Tot Ion:172 Resp: 1091721
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.2 20.2 30.4

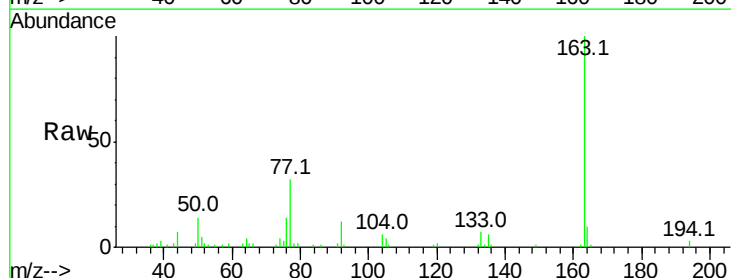


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

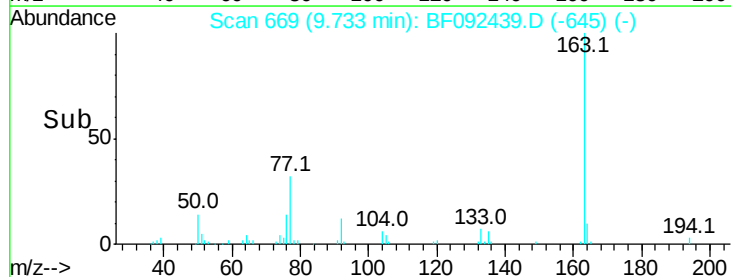
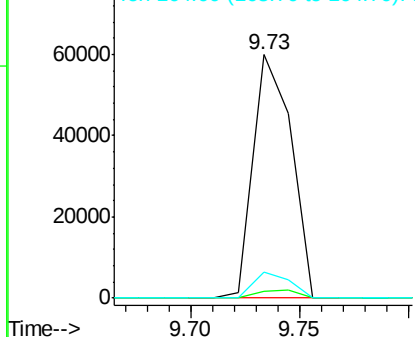


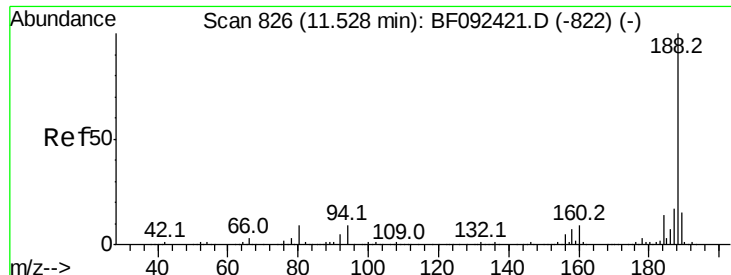
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:163 Resp: 73259
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.5 8.0 12.0



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

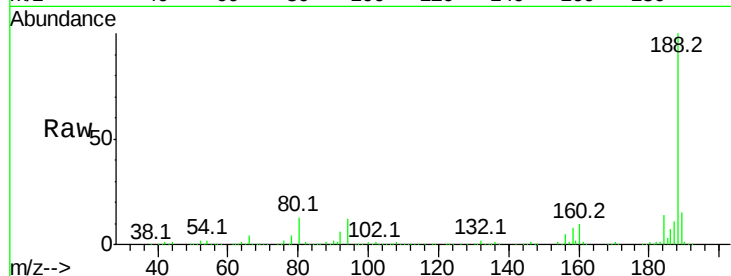




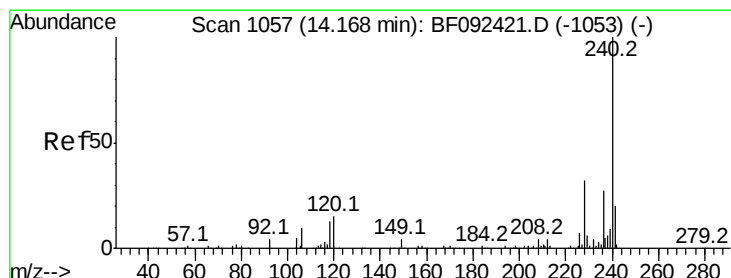
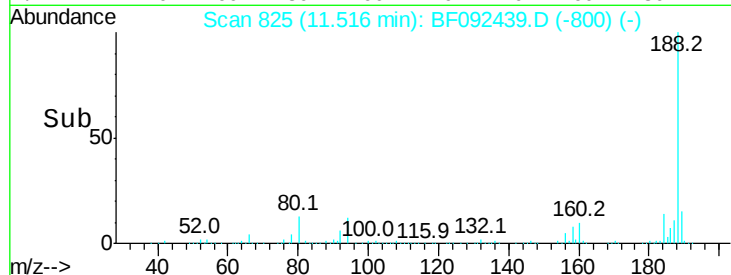
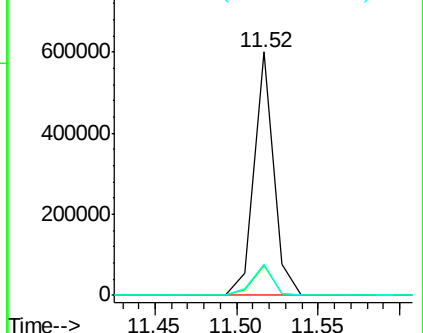
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Instrument :
BNA_F
ClientSampleId :
B1-8-9

Tot Ion:188 Resp: 504061
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 12.8 11.2 16.8

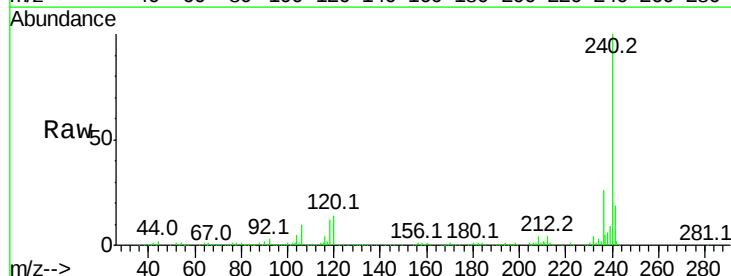


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

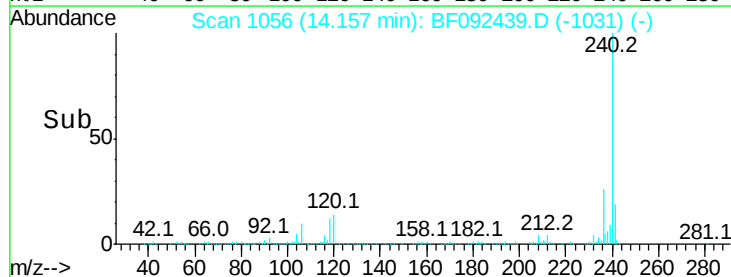
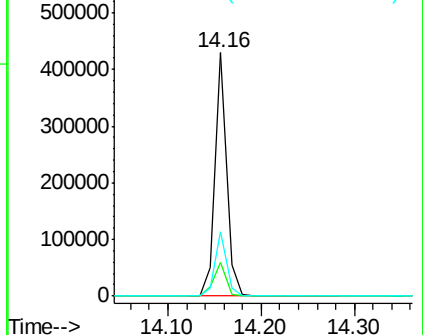


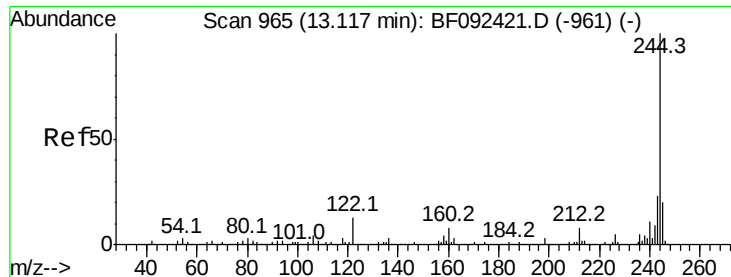
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092439.D
Acq: 24 Jan 2017 20:00

Tgt Ion:240 Resp: 373297
Ion Ratio Lower Upper
240 100
120 14.0 12.9 19.3
236 26.2 20.9 31.3



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

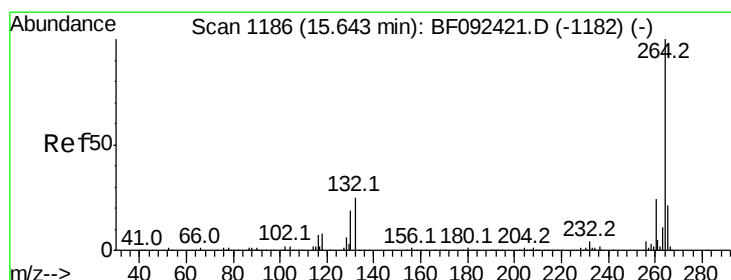
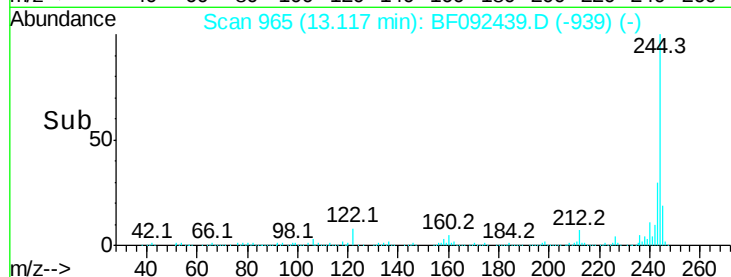
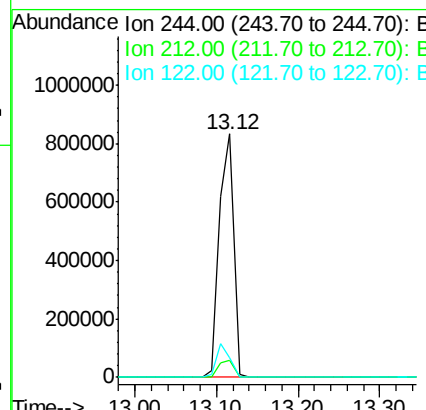
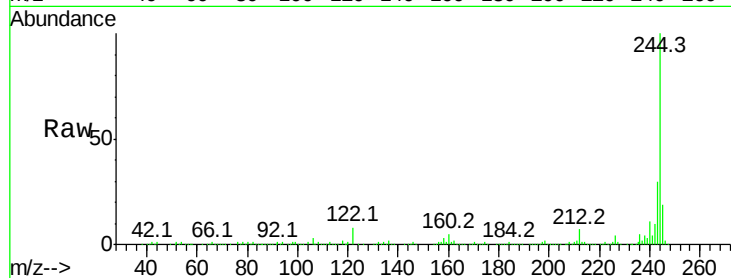




#78
 Terphenyl-d14
 Concen: 73.16 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Instrument :
 BNA_F
 ClientSampled :
 B1-8-9

Tot Ion:244 Resp: 1025596
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092439.D
 Acq: 24 Jan 2017 20:00

Tgt Ion:264 Resp: 271863
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.4 26.0

