

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092620.D
 Acq On : 28 Jan 2017 12:01
 Operator : SJ/MA
 Sample : I1528-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Quant Time: Jan 30 00:40:03 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

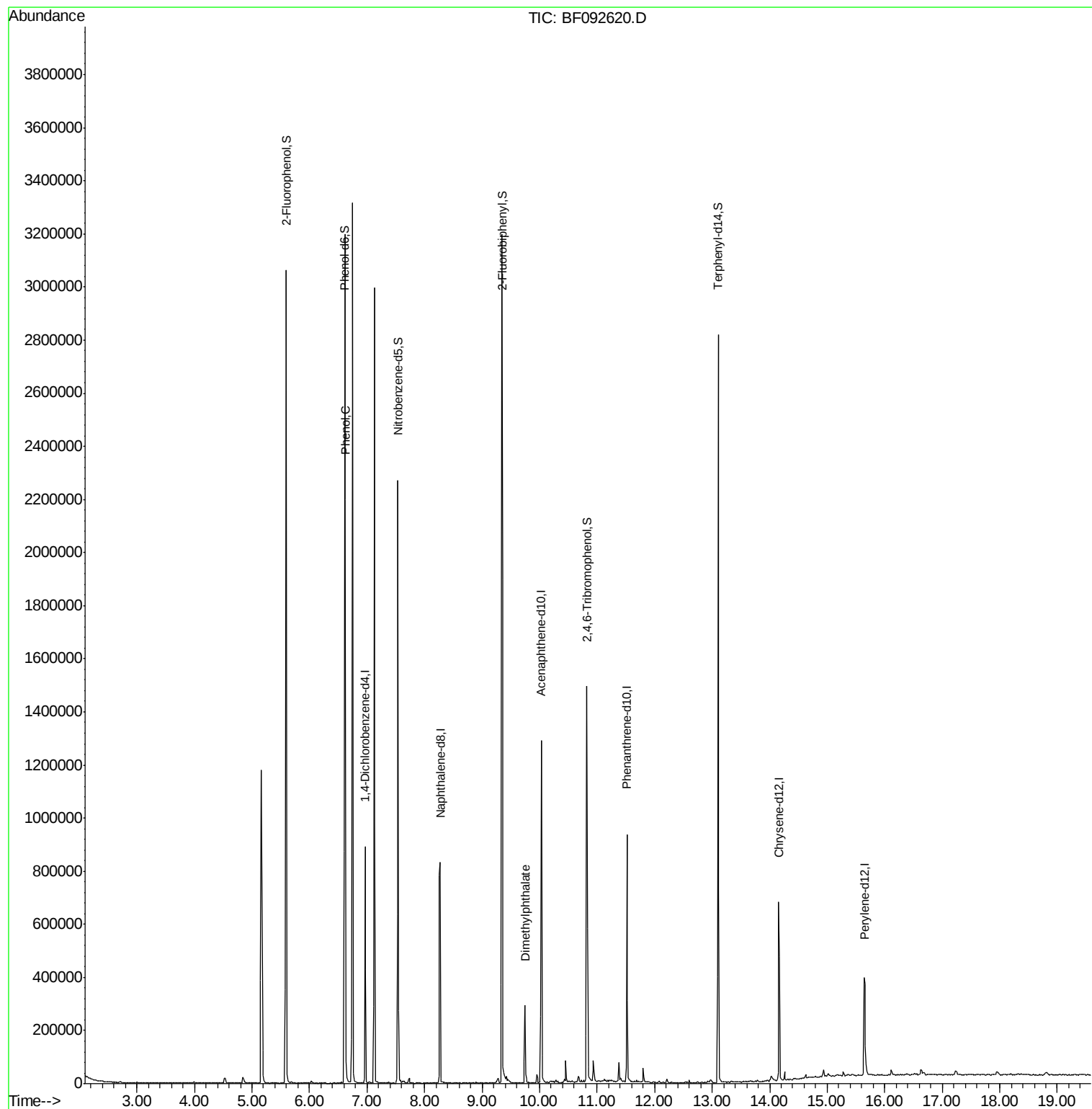
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151718	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	575780	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	276004	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	360108	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	310136	20.00	ng	-0.01
86) Perylene-d12	15.65	264	223605	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1220872	125.20	ng	0.05
7) Phenol-d6	6.61	99	1446089	116.42	ng	0.02
23) Nitrobenzene-d5	7.54	82	744934	70.67	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	190660	101.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1378503	92.36	ng	-0.01
78) Terphenyl-d14	13.11	244	896811	77.00	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	49509	3.30	ng	Qvalue # 63
49) Dimethylphthalate	9.74	163	140577	8.01	ng	99

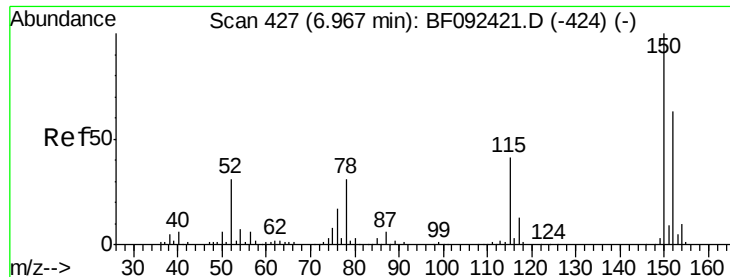
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

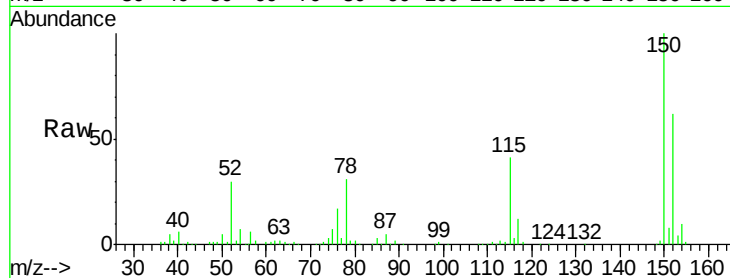
Tgt Ion:152 Resp: 151718

Ion Ratio Lower Upper

152 100

150 160.8 124.9 187.3

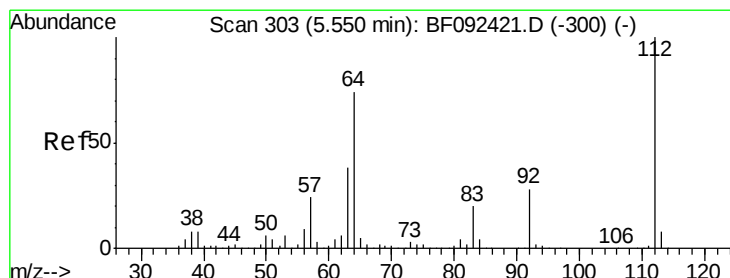
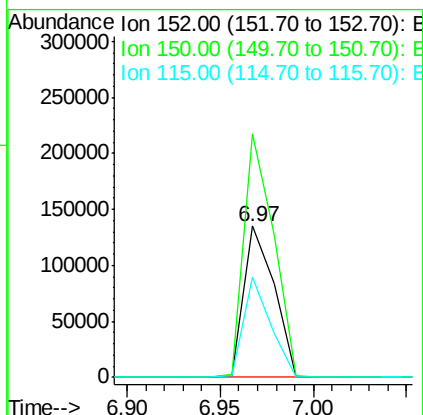
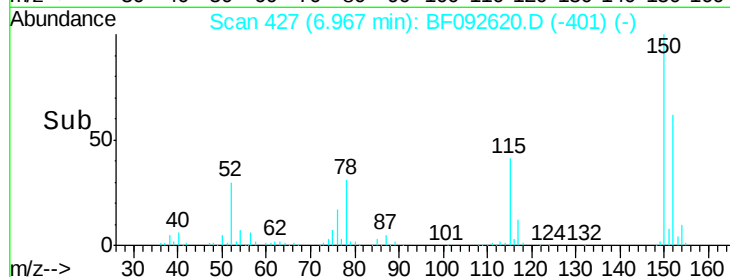
115 66.6 46.0 69.0



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: 125.20 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

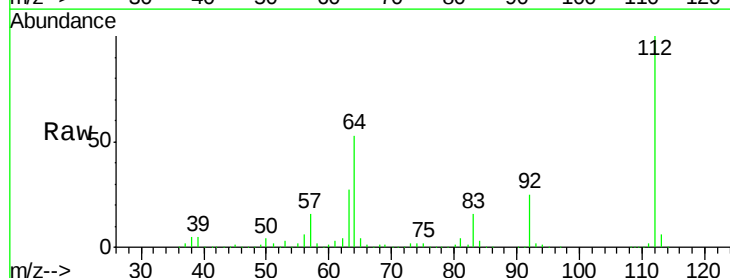
Tgt Ion:112 Resp: 1220872

Ion Ratio Lower Upper

112 100

64 53.2 46.1 69.1

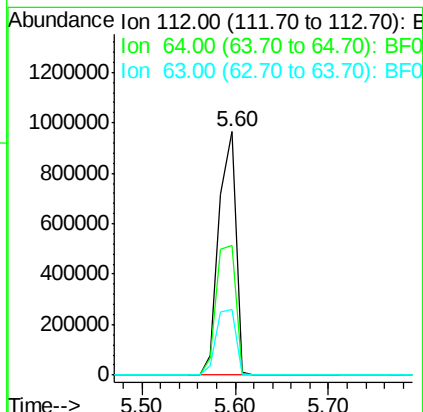
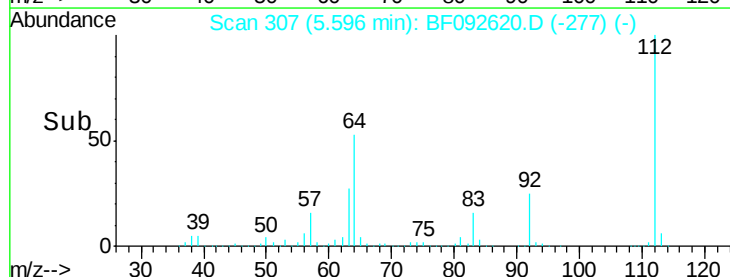
63 27.1 23.8 35.6

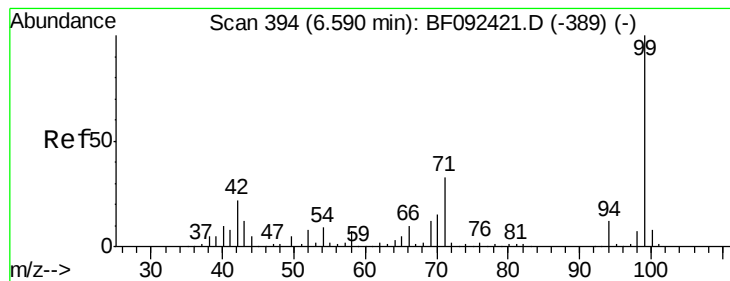


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.42 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

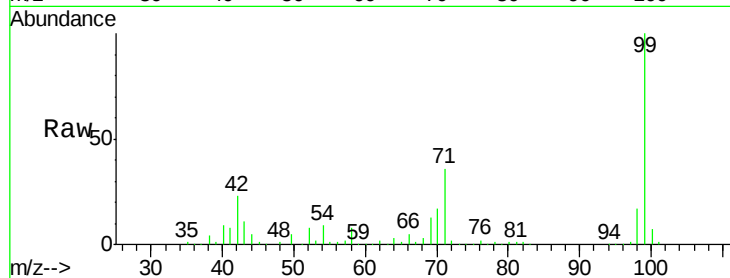
Tgt Ion: 99 Resp: 1446089

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

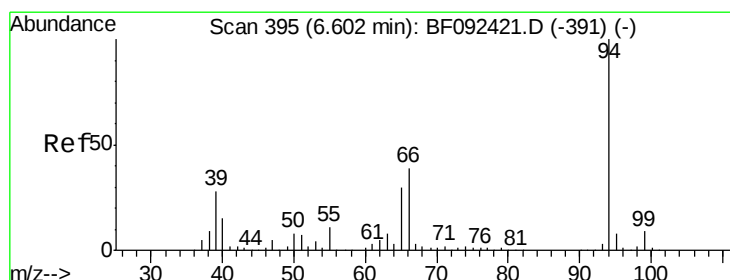
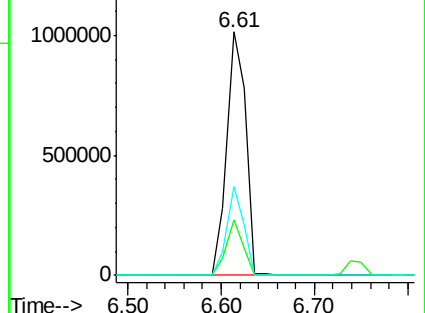
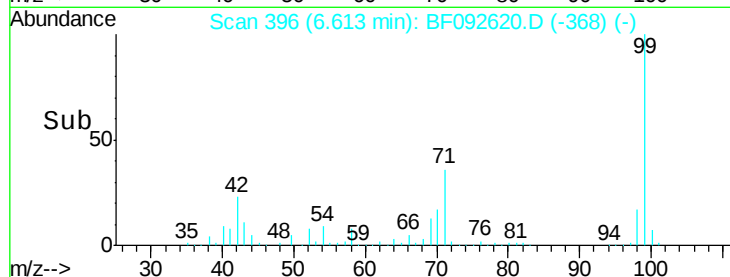
71 36.4 27.5 41.3



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: 3.30 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.02 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

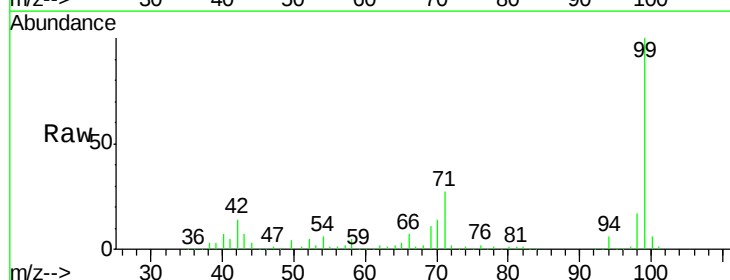
Tgt Ion: 94 Resp: 49509

Ion Ratio Lower Upper

94 100

65 45.8 21.4 61.4

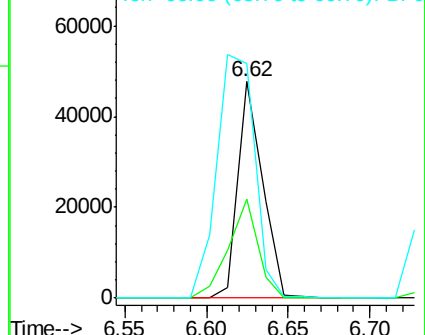
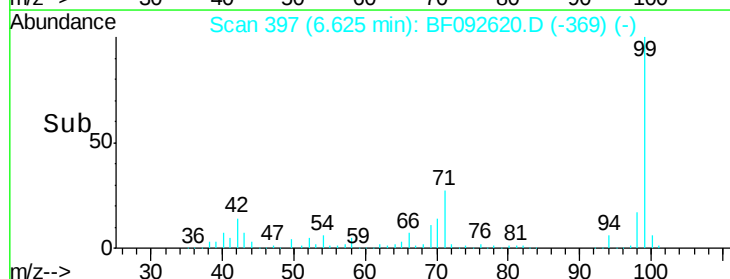
66 108.8 44.0 84.0#

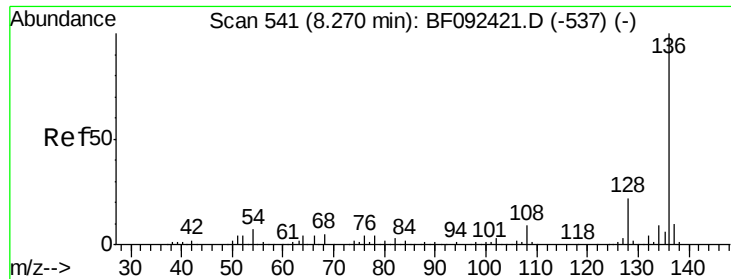


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

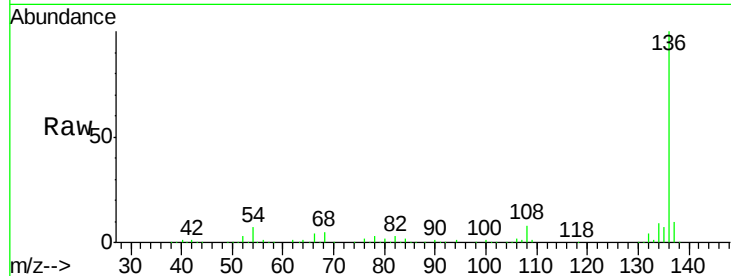




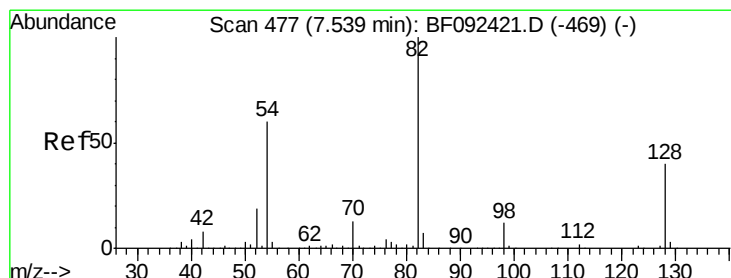
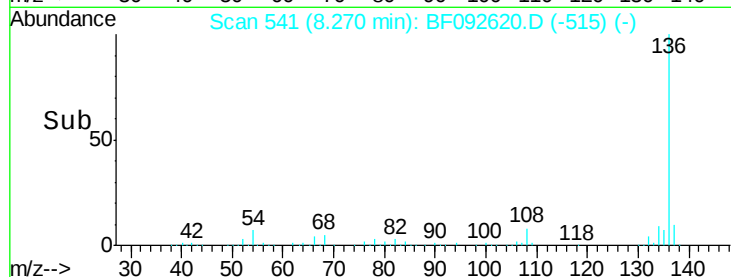
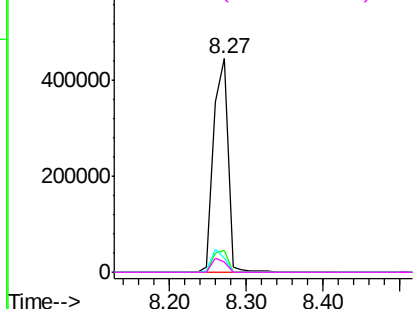
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion: 136 Resp: 575780
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 6.6 4.5 6.7
68 4.7 3.6 5.4

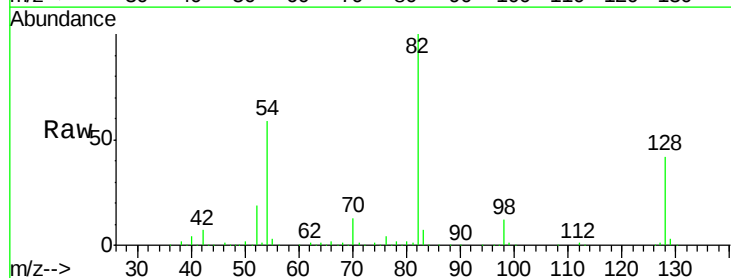


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

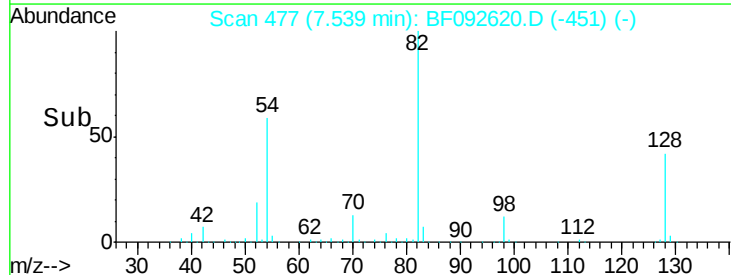
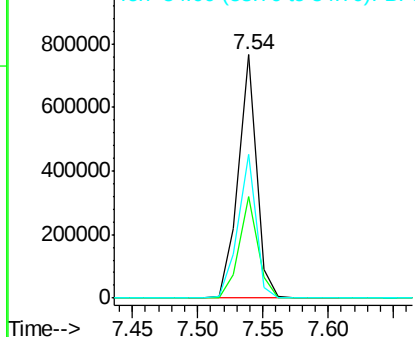


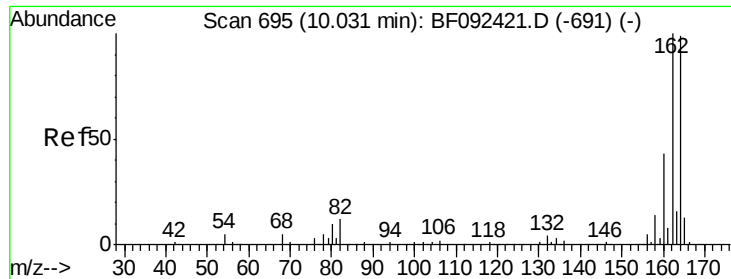
#23
Nitrobenzene-d5
Concen: 70.67 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Tgt Ion: 82 Resp: 744934
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 58.8 39.5 59.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

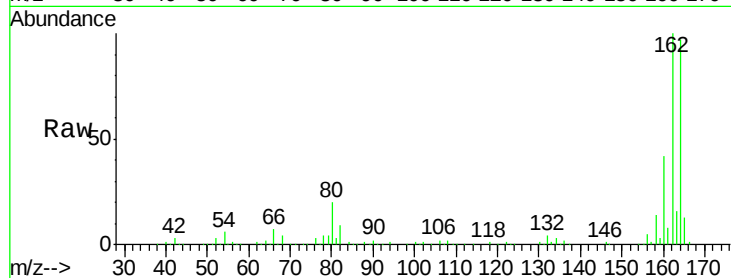
Tgt Ion:164 Resp: 276004

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

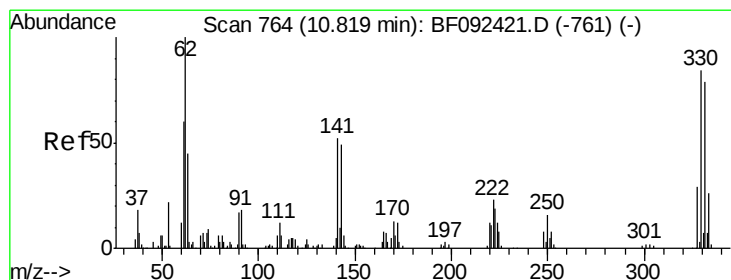
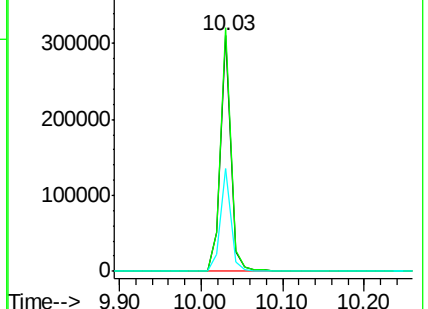
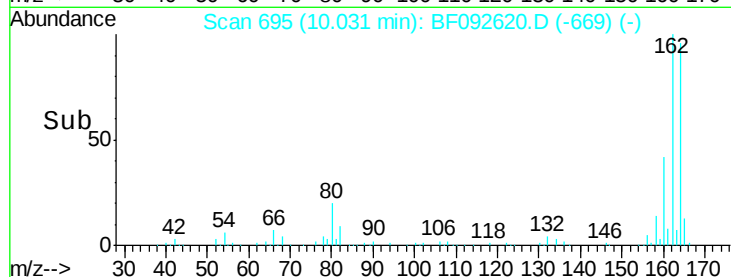
160 43.8 36.9 55.3



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: 101.37 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

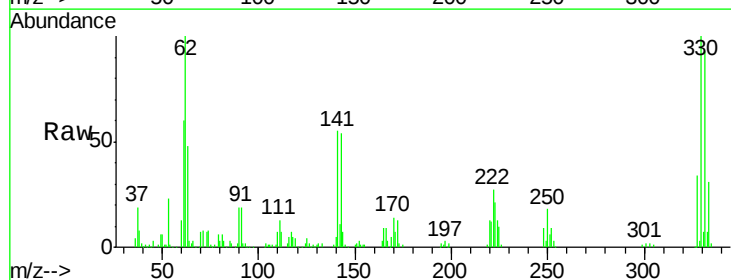
Tgt Ion:330 Resp: 190660

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

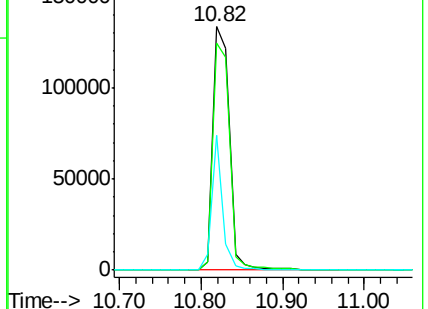
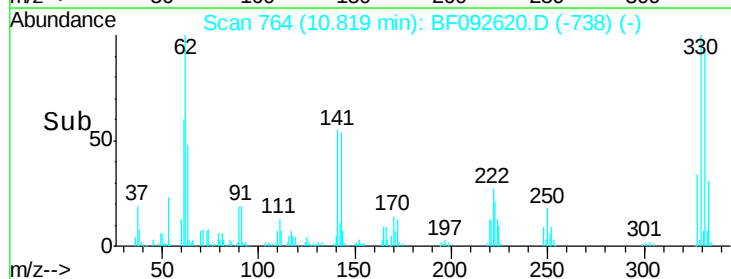
141 36.5 34.1 51.1

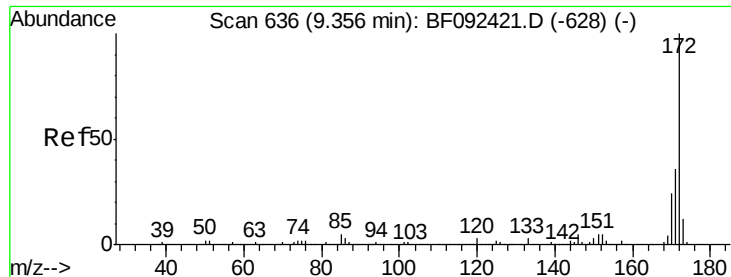


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

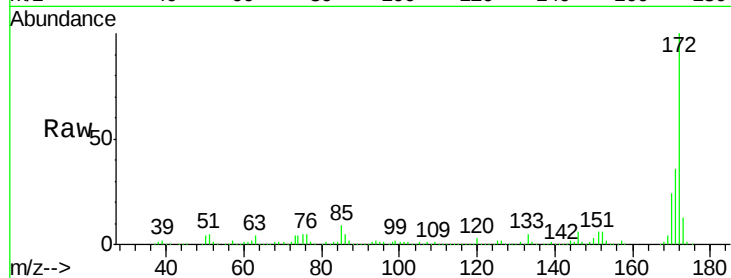




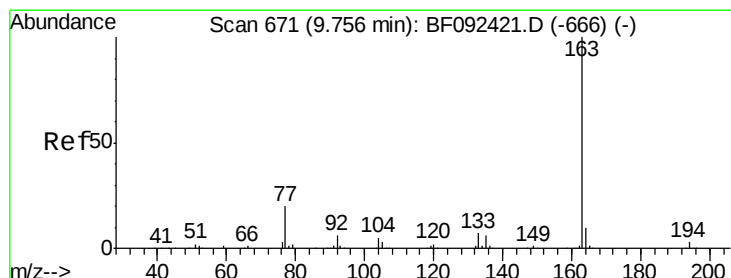
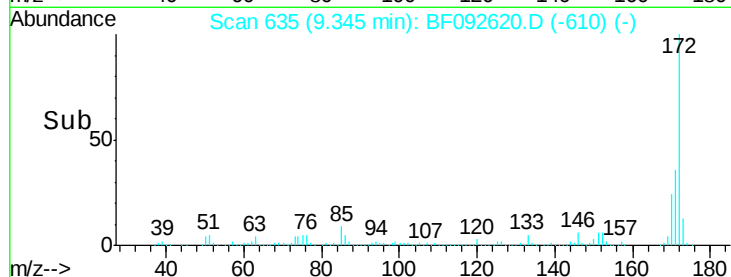
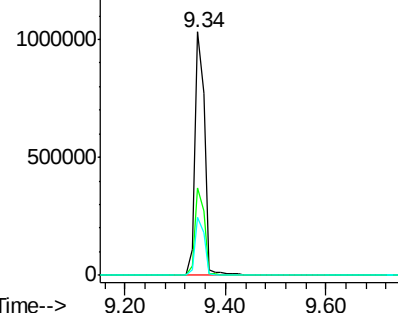
#44
2-Fluorobiphenyl
Concen: 92.36 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion:172 Resp: 1378503
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.8 20.2 30.4

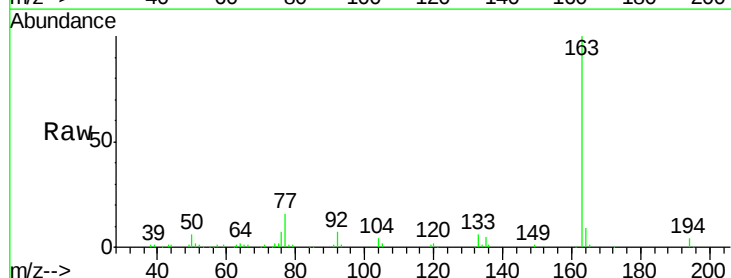


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

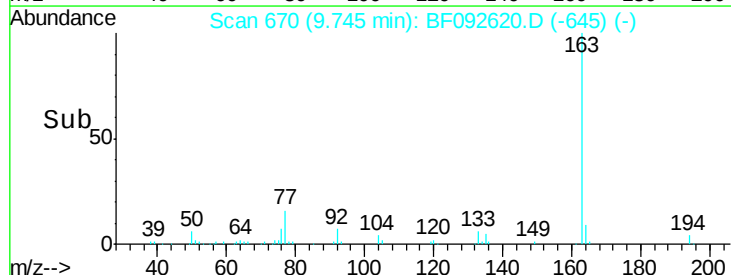
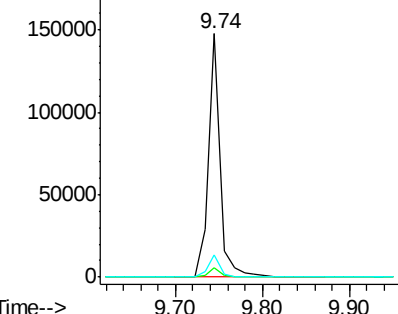


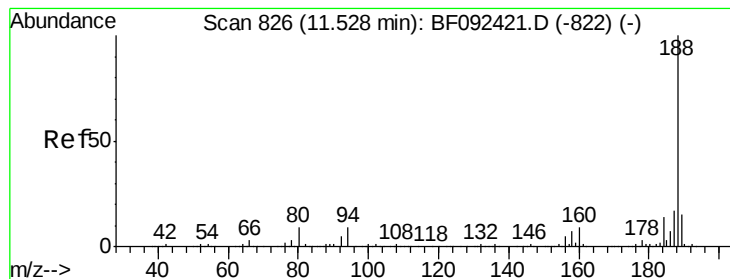
#49
Dimethylphthalate
Concen: 8.01 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Tgt Ion:163 Resp: 140577
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.3 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: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

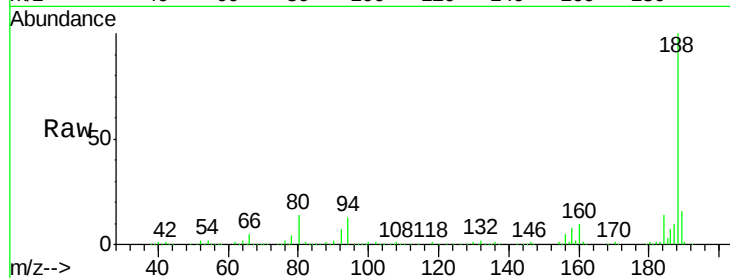
Tgt Ion:188 Resp: 360108

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

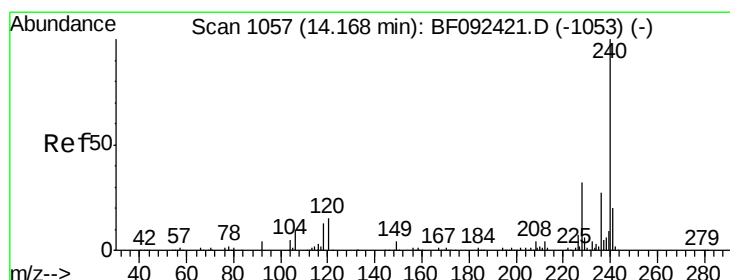
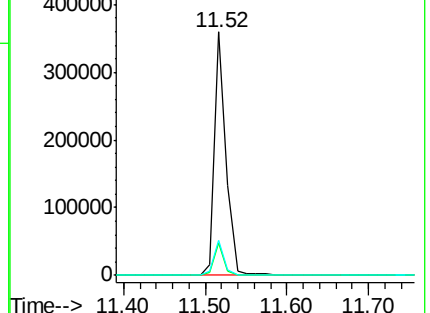
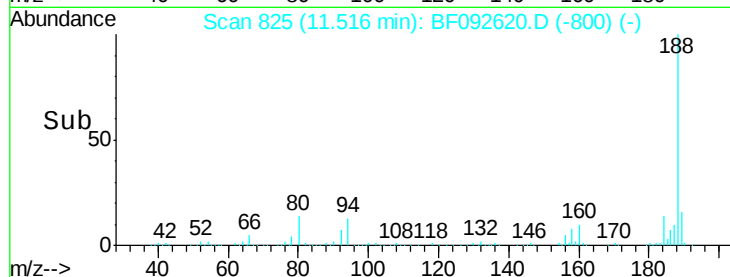
80 14.4 11.2 16.8



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: BF092620.D

Acq: 28 Jan 2017 12:01

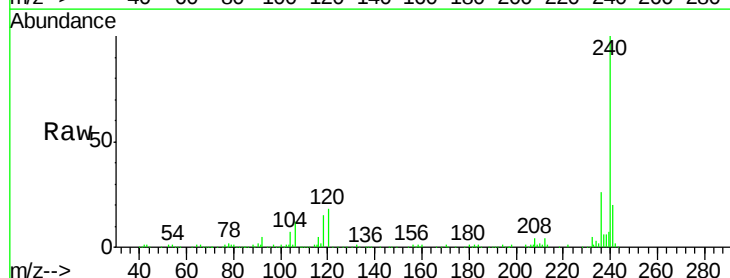
Tgt Ion:240 Resp: 310136

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

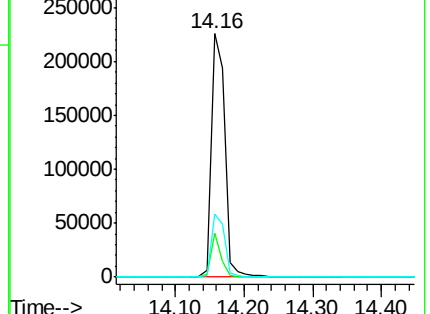
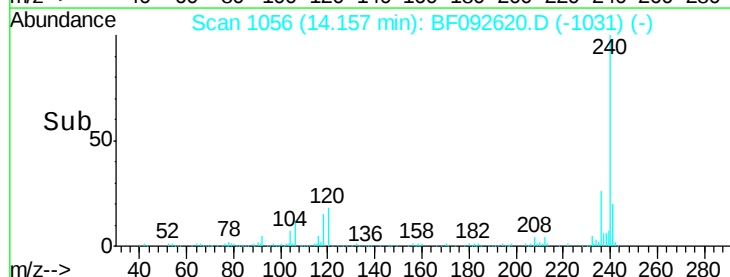
236 26.0 20.9 31.3

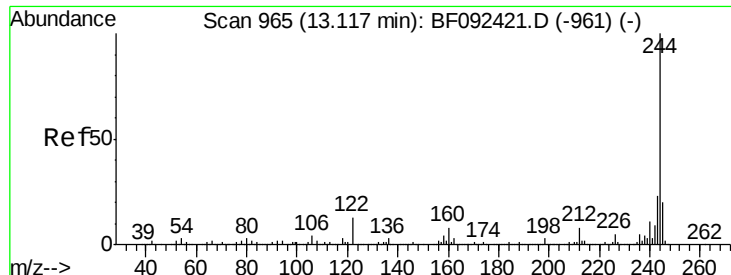


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

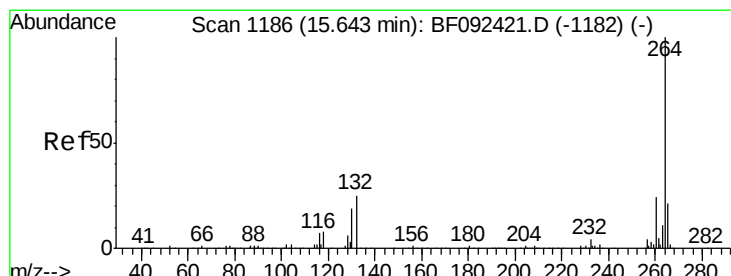
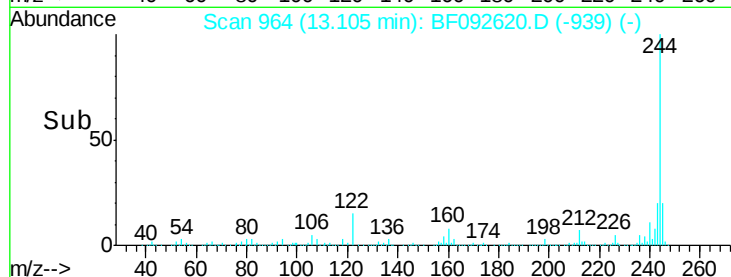
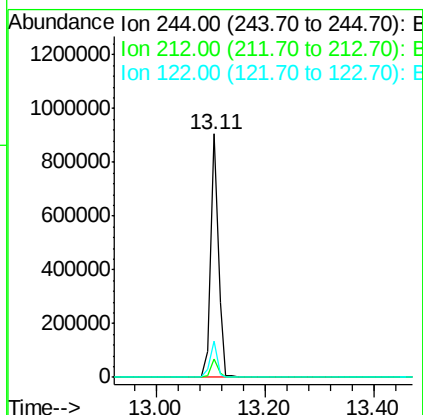
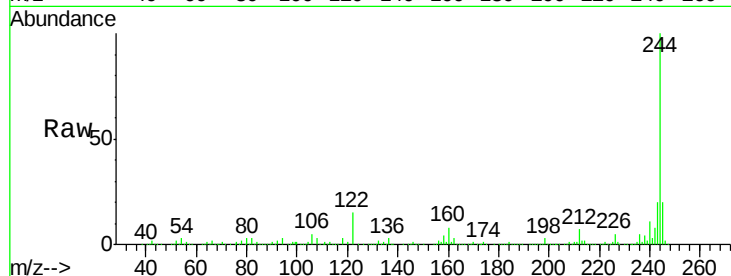




#78
 Terphenyl-d14
 Concen: 77.00 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:244 Resp: 896811
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Tgt Ion:264 Resp: 223605
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.0

