

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093676.D
 Acq On : 15 Mar 2017 19:03
 Operator : SJ/MA
 Sample : I2264-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Quant Time: Mar 16 02:29:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

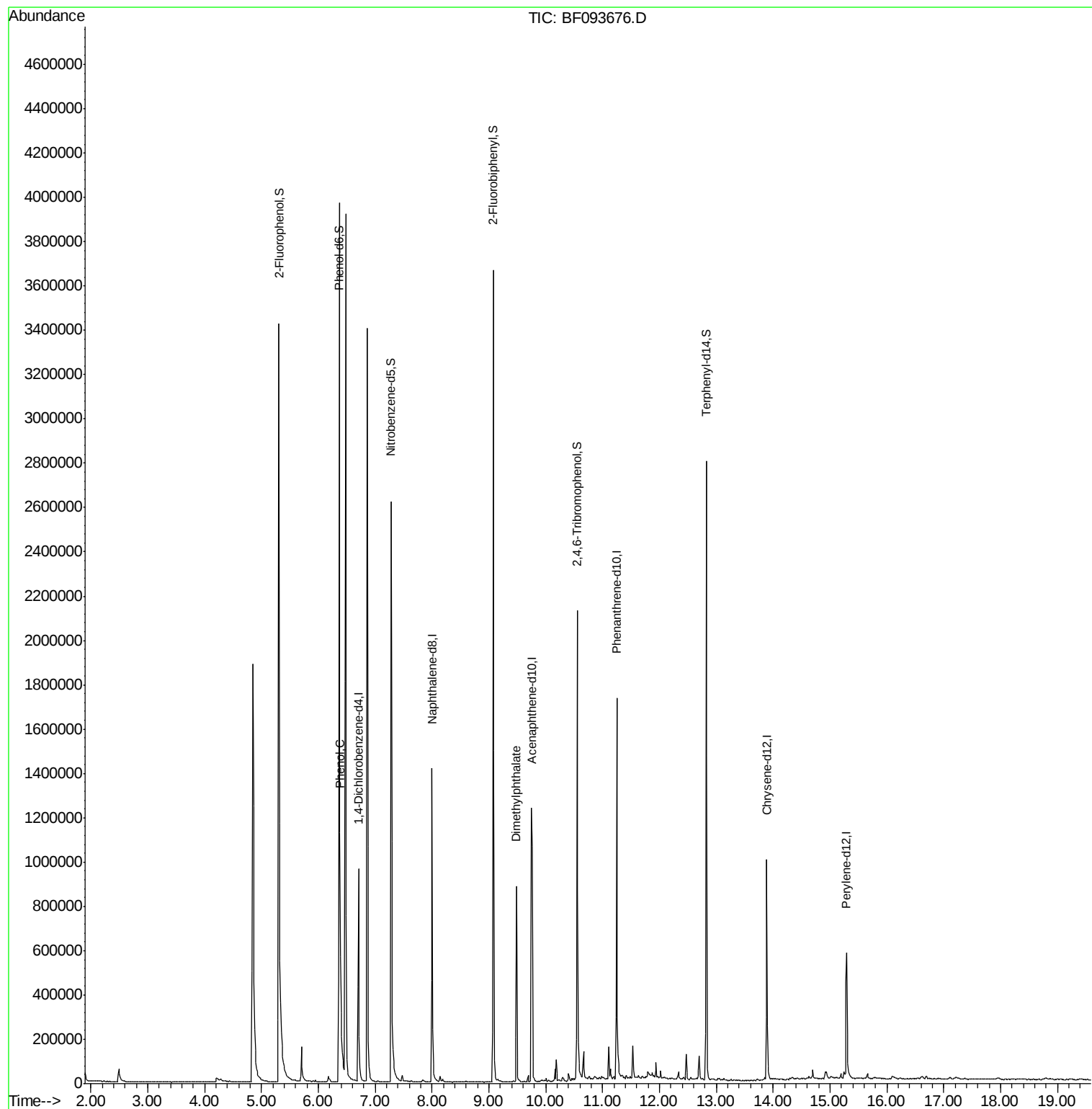
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180243	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	738001	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	346709	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	621437	20.00	ng	0.00
75) Chrysene-d12	13.89	240	383992	20.00	ng	0.00
86) Perylene-d12	15.29	264	317397	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1273532	117.60	ng	-0.01
7) Phenol-d6	6.37	99	1615010	118.26	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1029229	77.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	259876	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1271626	68.22	ng	-0.01
78) Terphenyl-d14	12.82	244	1026396	69.50	ng	0.00
Target Compounds						
10) Phenol	6.38	94	120481	7.20	ng	91
49) Dimethylphthalate	9.49	163	381277	16.59	ng	100

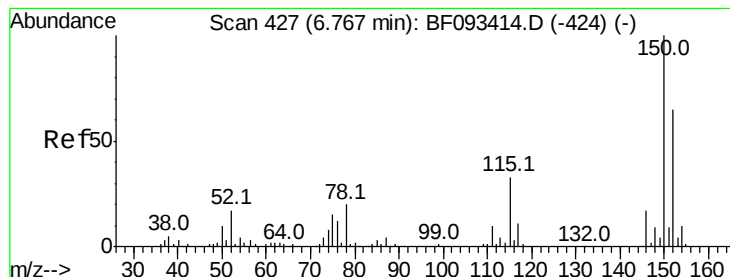
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

BNA_F

ClientSampleId :

E2-CC6-BASE

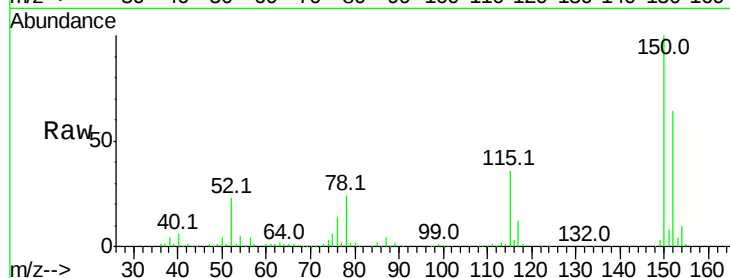
Tot Ion:152 Resp: 180243

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

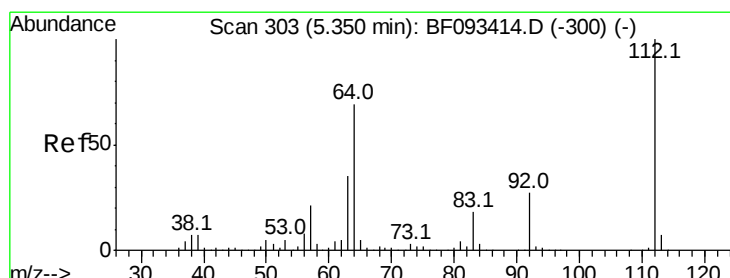
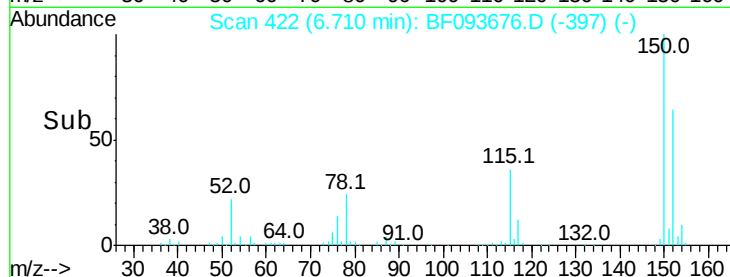
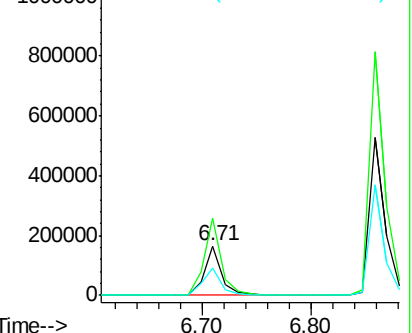
115 56.4 46.0 69.0



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: 117.60 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

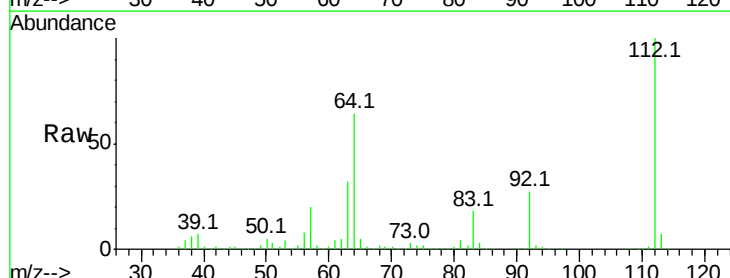
Tgt Ion:112 Resp: 1273532

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

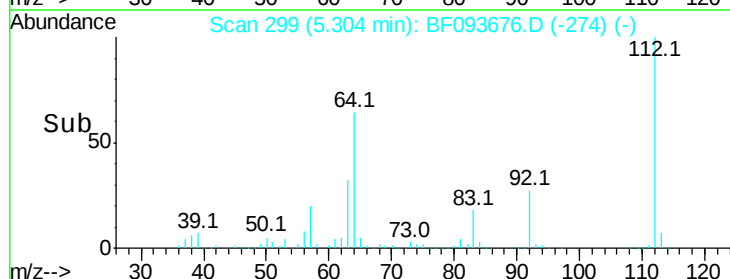
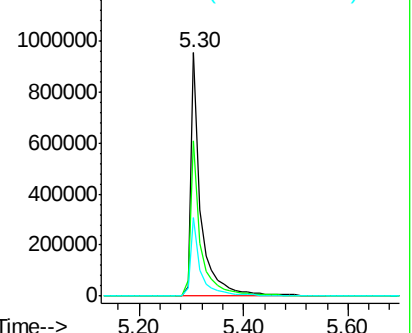
63 32.3 23.8 35.6

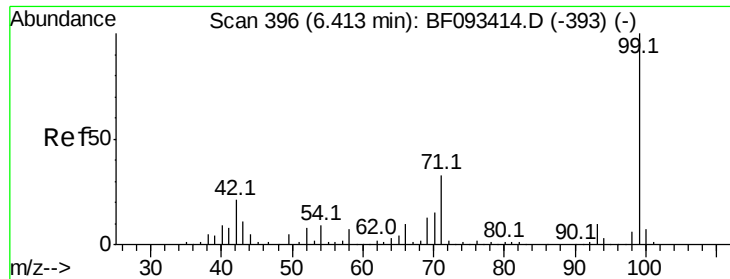


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.26 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

BNA_F

ClientSampleId :

E2-CC6-BASE

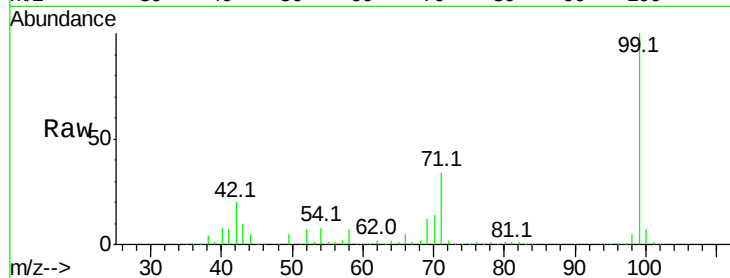
Tot Ion: 99 Resp: 1615010

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	33.7	27.5	41.3

99 100

42 20.4 15.6 23.4

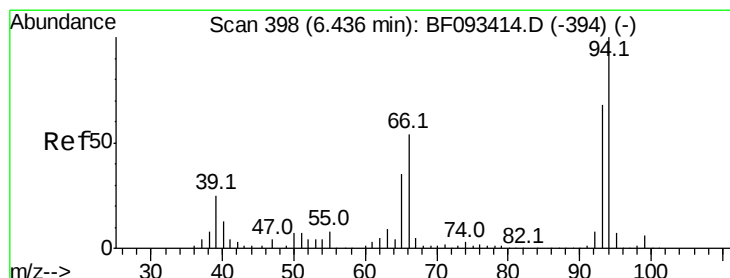
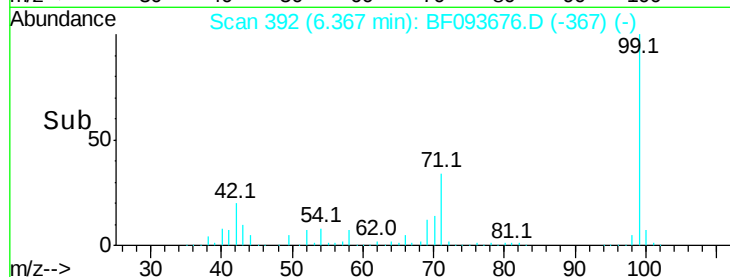
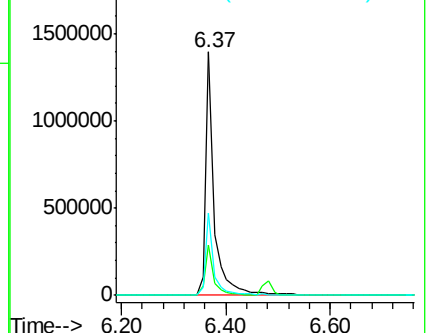
71 33.7 27.5 41.3



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: 7.20 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

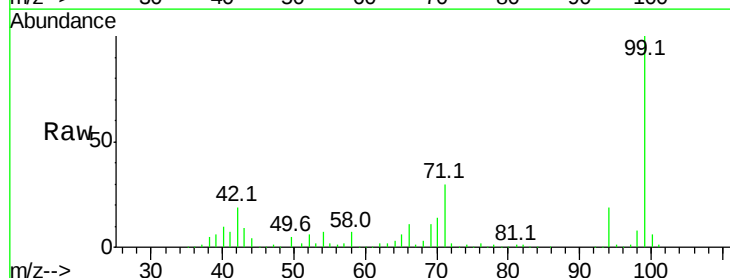
Tgt Ion: 94 Resp: 120481

Ion	Ratio	Lower	Upper
94	100		
65	32.1	21.4	61.4
66	59.5	44.0	84.0

94 100

65 32.1 21.4 61.4

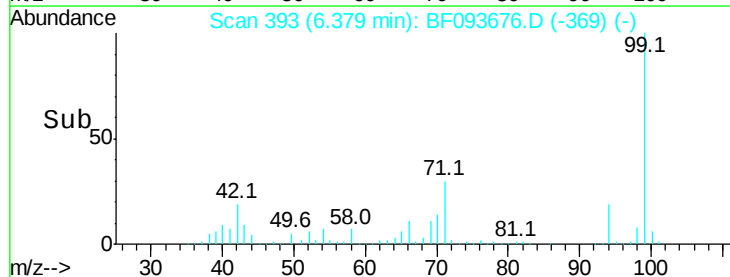
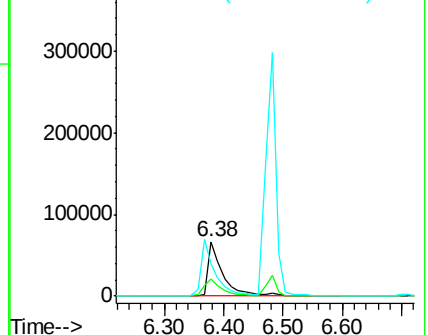
66 59.5 44.0 84.0

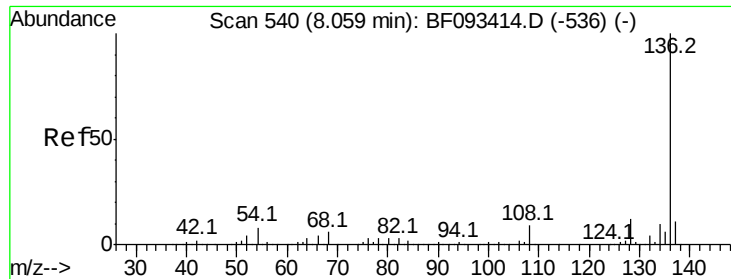


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

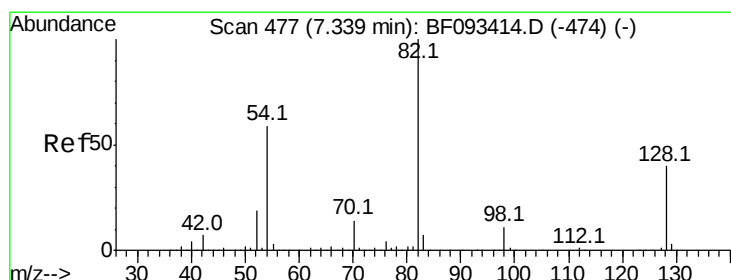
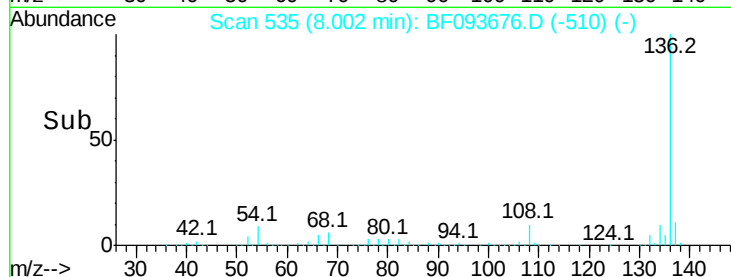
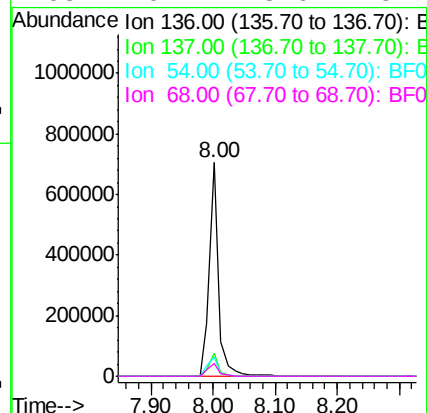
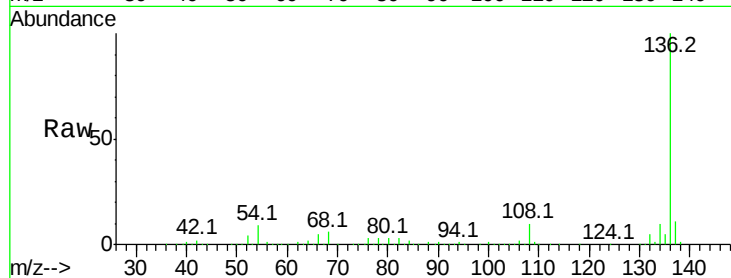




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

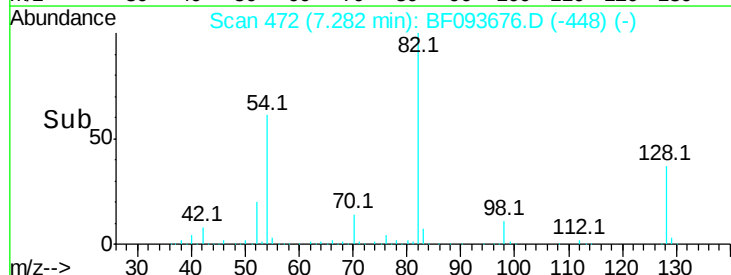
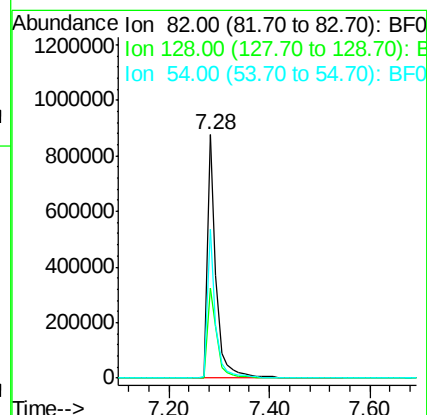
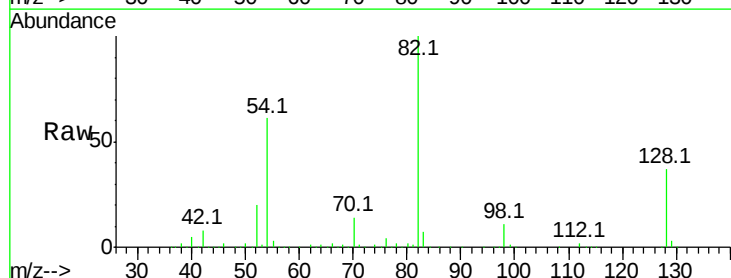
Instrument :
BNA_F
ClientSampleId :
E2-CC6-BASE

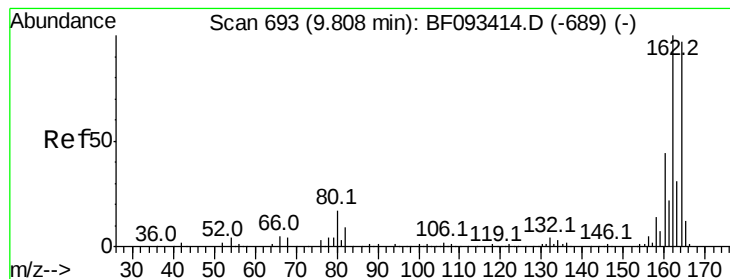
Tot Ion:136	Resp: 738001
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 8.7	4.5 6.7#
68 6.2	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 77.38 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Tgt Ion: 82	Resp: 1029229
Ion Ratio	Lower Upper
82 100	
128 37.2	34.6 52.0
54 61.2	39.5 59.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

BNA_F

ClientSampleId :

E2-CC6-BASE

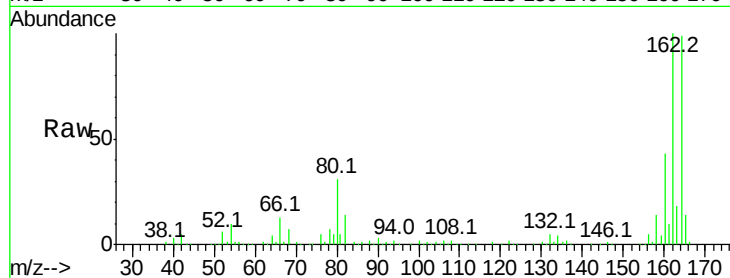
Tot Ion:164 Resp: 346709

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

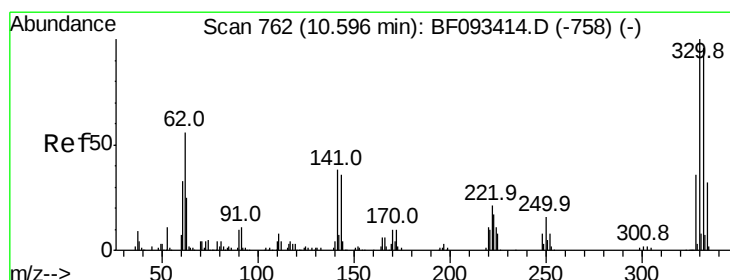
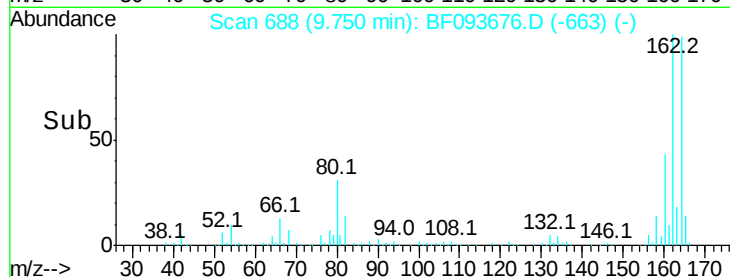
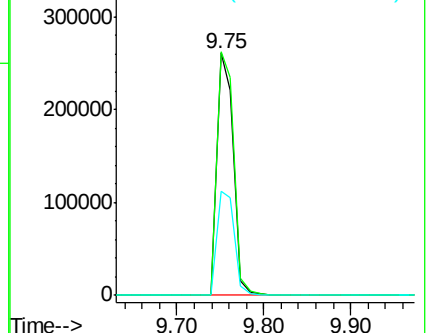
160 43.0 36.9 55.3



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: 115.05 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

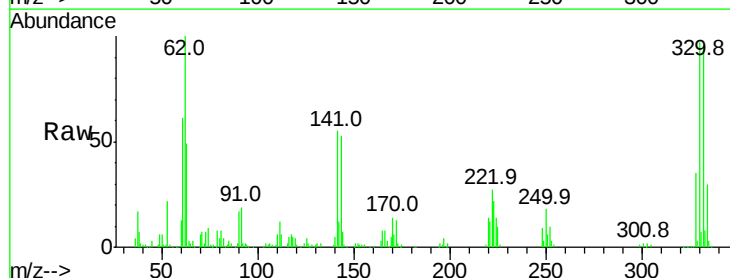
Tgt Ion:330 Resp: 259876

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

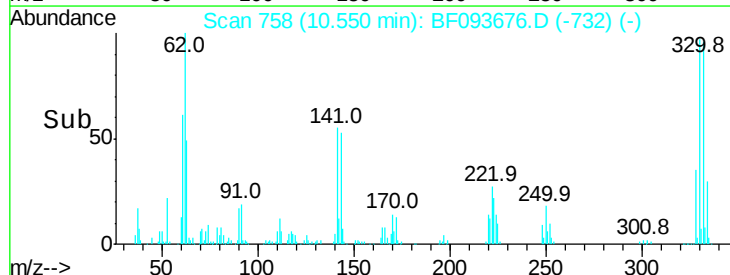
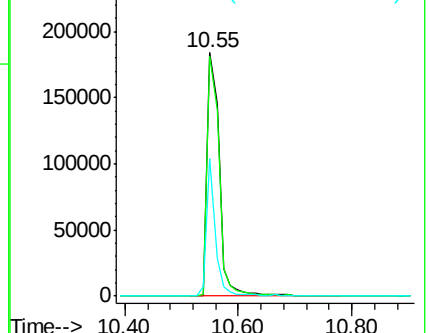
141 41.3 34.1 51.1

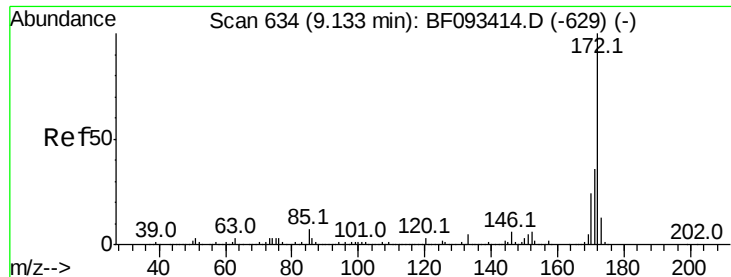


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.22 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

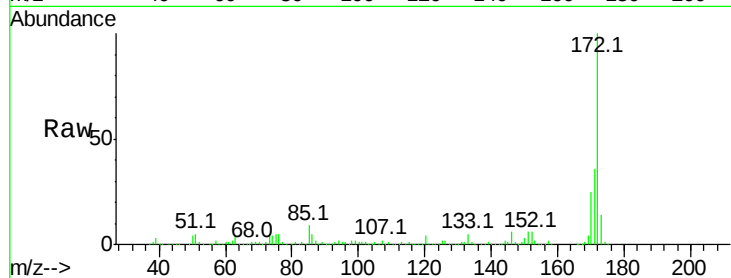
BNA_F

ClientSampleId :

E2-CC6-BASE

Tot Ion:172 Resp: 1271626

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4

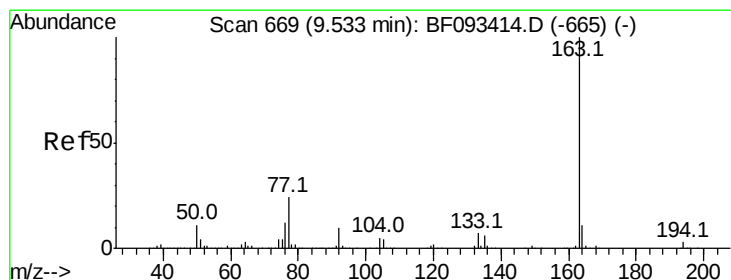
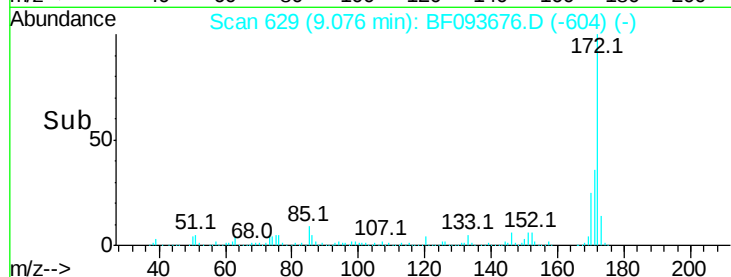
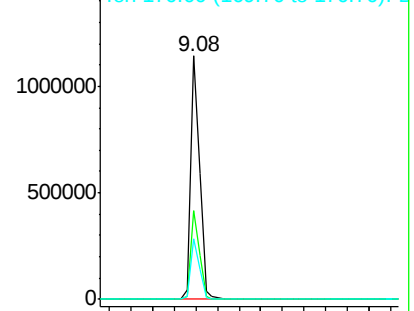


Abundance

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: 16.59 ng

RT: 9.49 min Scan# 665

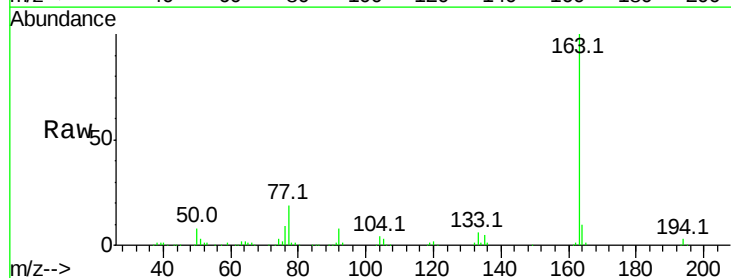
Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Tgt Ion:163 Resp: 381277

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.9	8.0	12.0

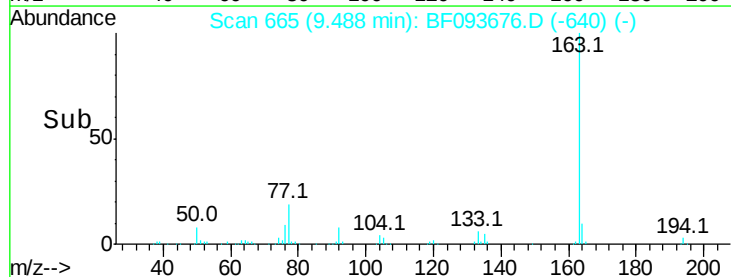
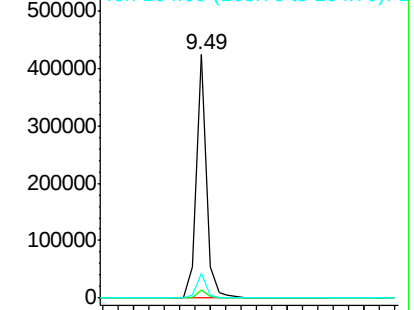


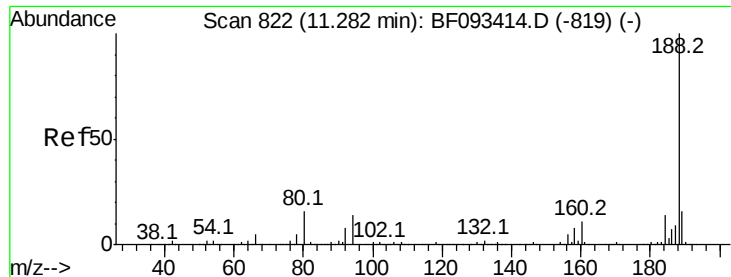
Abundance

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

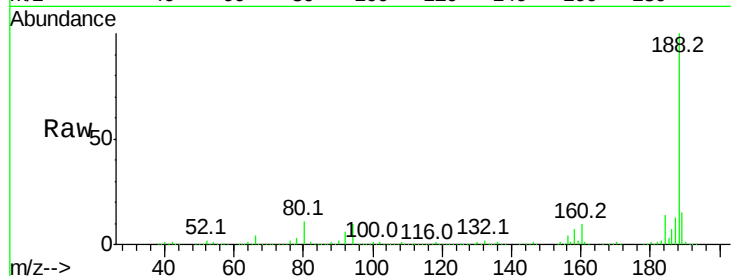




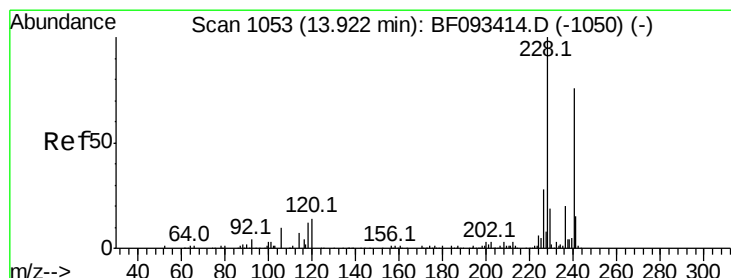
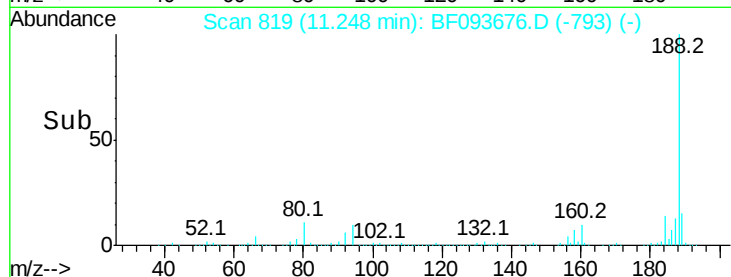
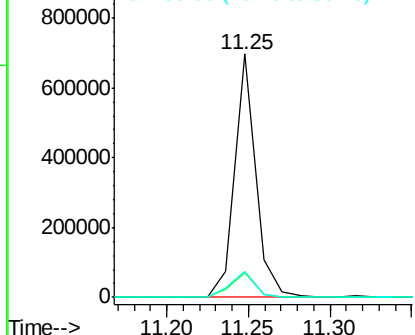
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Instrument :
BNA_F
ClientSampleId :
E2-CC6-BASE

Tot Ion:188 Resp: 621437
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.8 11.2 16.8#

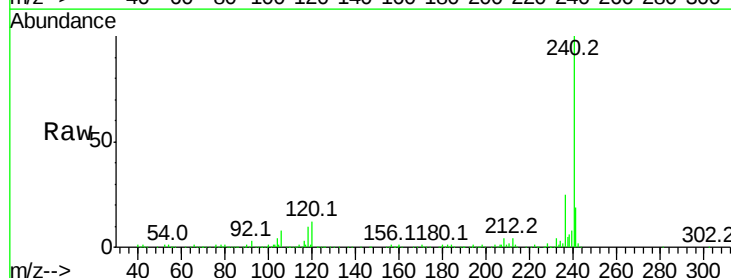


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

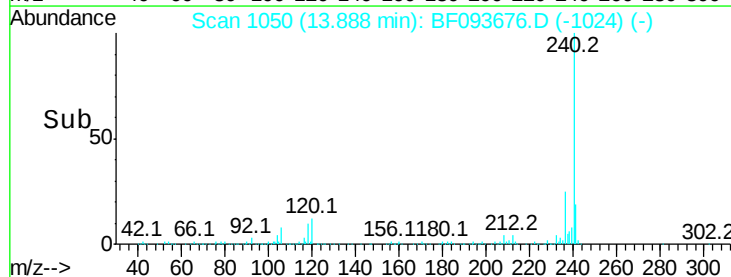
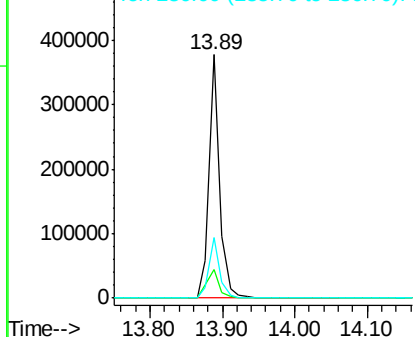


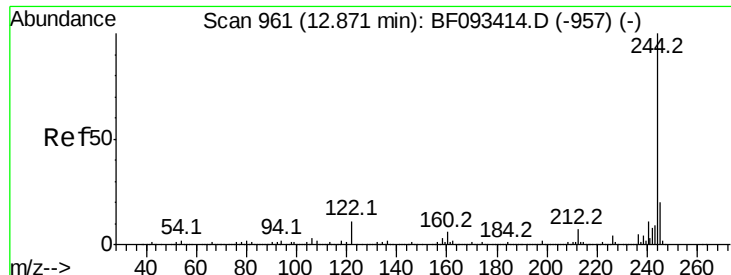
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Tgt Ion:240 Resp: 383992
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 25.1 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



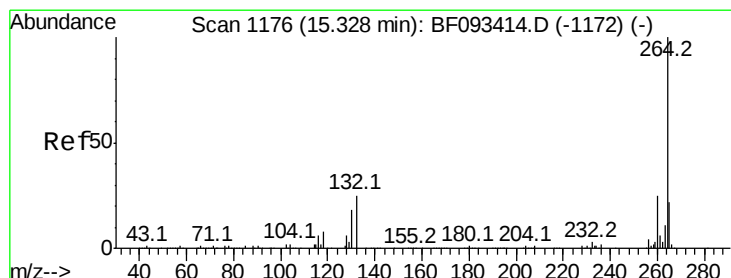
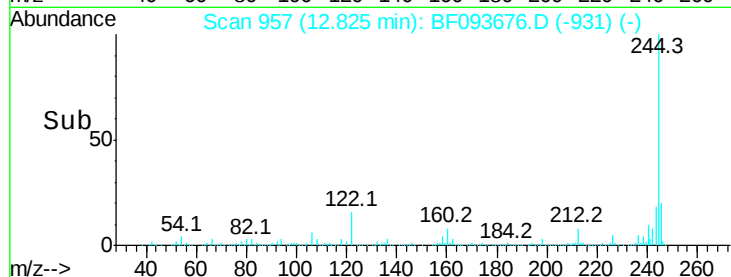
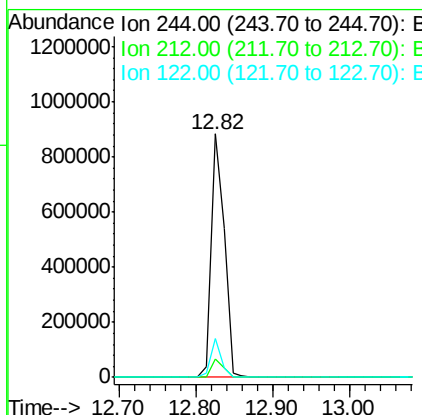
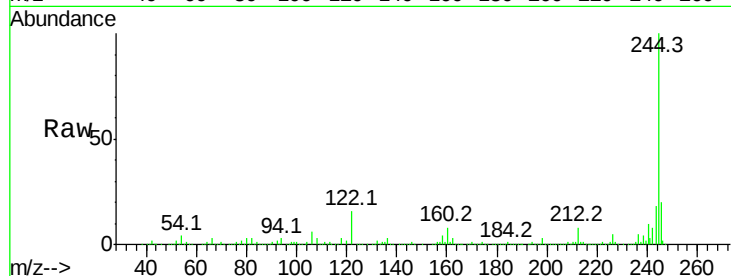


#78
 Terphenyl-d14
 Concen: 69.50 ng
 RT: 12.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Tot Ion:244 Resp: 1026396

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.8	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Tgt Ion:264 Resp: 317397

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.4	26.0

