

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093492.D
 Acq On : 9 Mar 2017 23:02
 Operator : SJ/MA
 Sample : I2195-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-TP-4-COMP-0-12FT

Quant Time: Mar 10 00:23:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

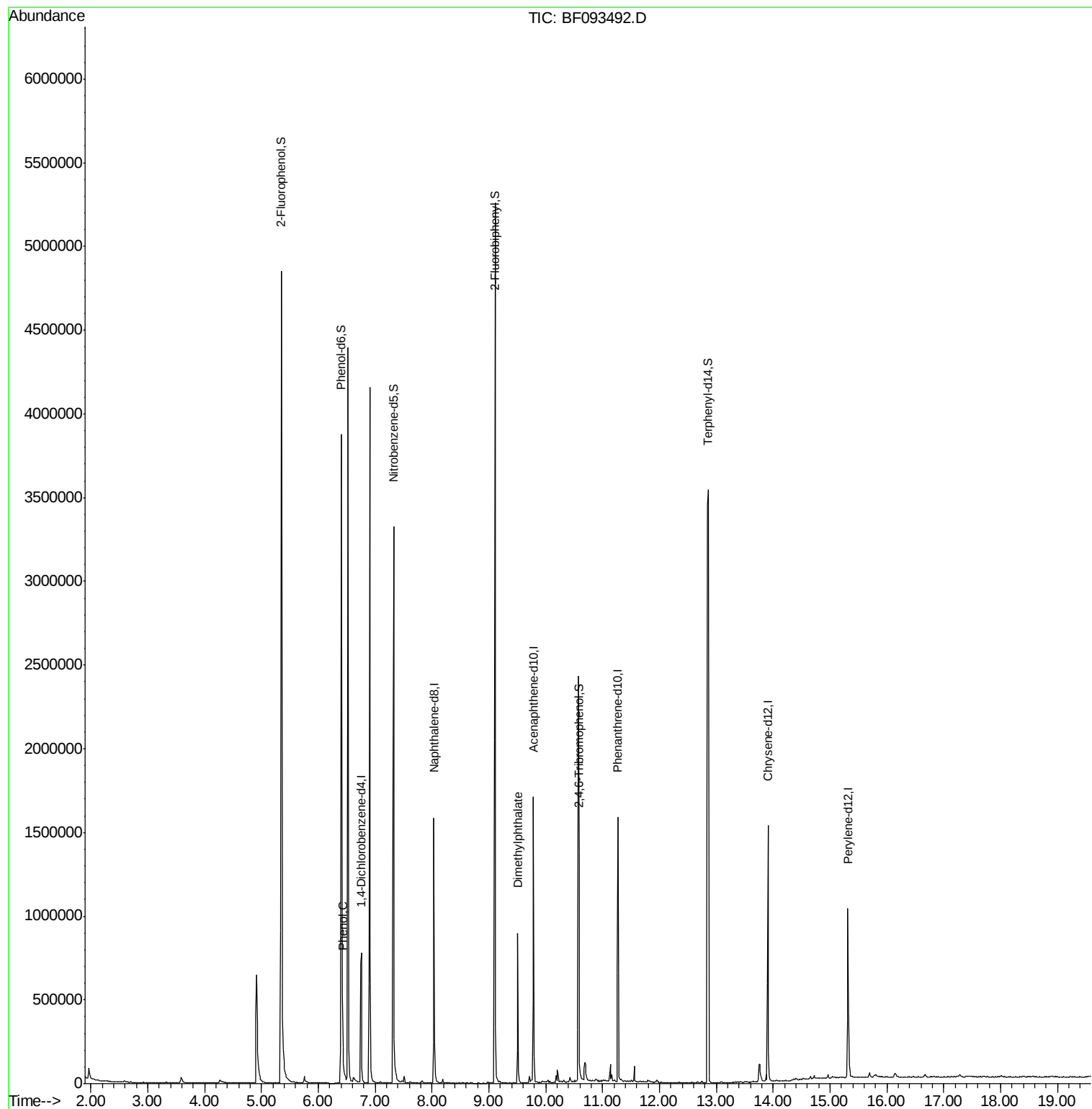
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177758	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	717397	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	338689	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	639314	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	581402	20.00	ng	-0.01
86) Perylene-d12	15.32	264	434459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1485010	139.04	ng	0.00
7) Phenol-d6	6.40	99	2012046	149.39	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1352364	104.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	359347	162.85	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1761457	96.74	ng	-0.02
78) Terphenyl-d14	12.86	244	1680006	75.13	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	122763	7.44	ng	Qvalue # 71
49) Dimethylphthalate	9.51	163	365058	16.26	ng	99

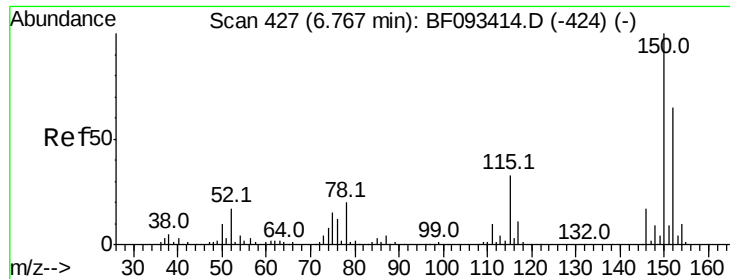
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

Instrument :

BNA_F

ClientSampleId :

TP-5-TP-4-COMP-0-12FT

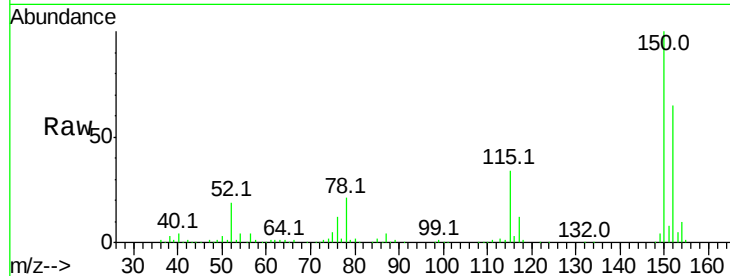
Tot Ion:152 Resp: 177758

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

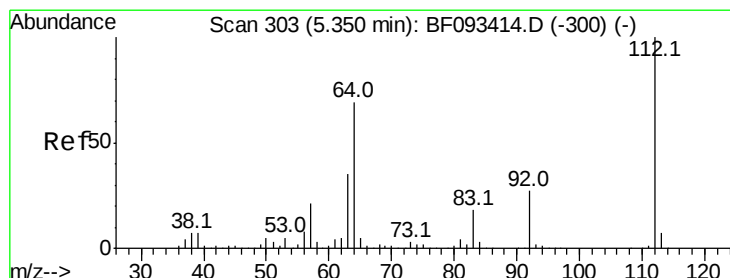
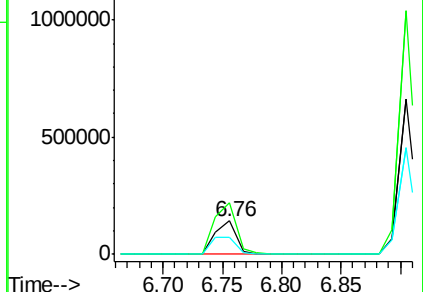
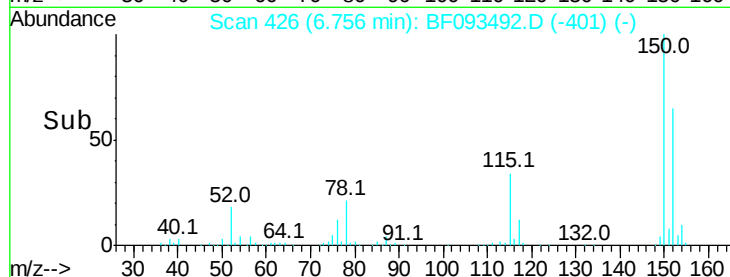
115 52.8 46.0 69.0



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: 139.04 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

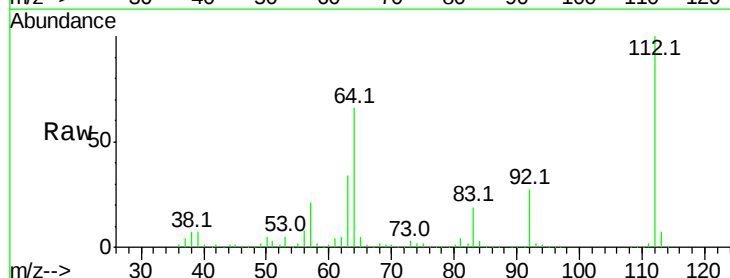
Tgt Ion:112 Resp: 1485010

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

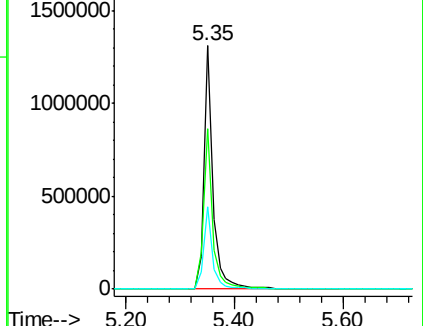
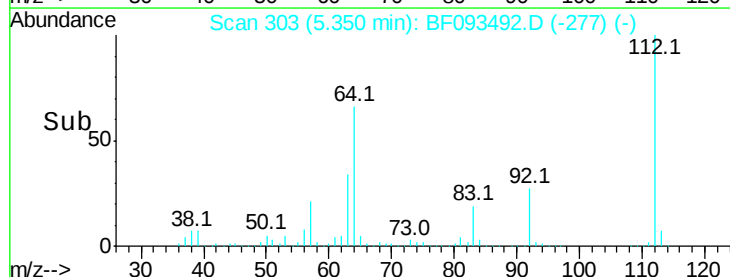
63 33.6 23.8 35.6

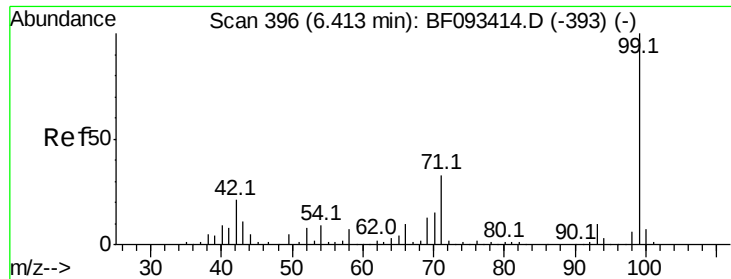


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.39 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

Instrument :

BNA_F

ClientSampleId :

TP-5-TP-4-COMP-0-12FT

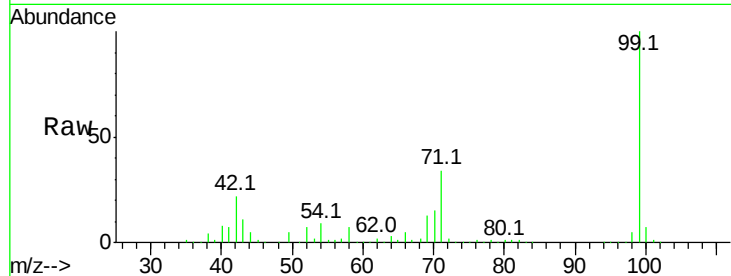
Tot Ion: 99 Resp: 2012046

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

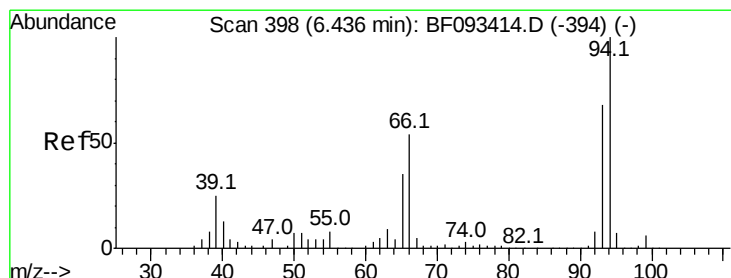
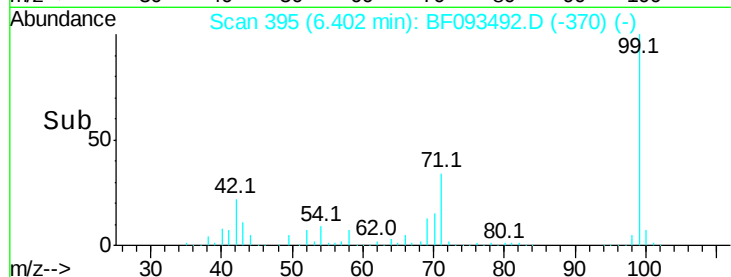
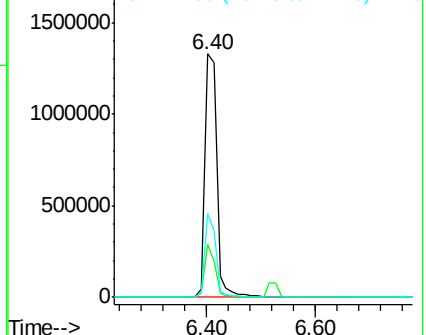
71 34.2 27.5 41.3



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: 7.44 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

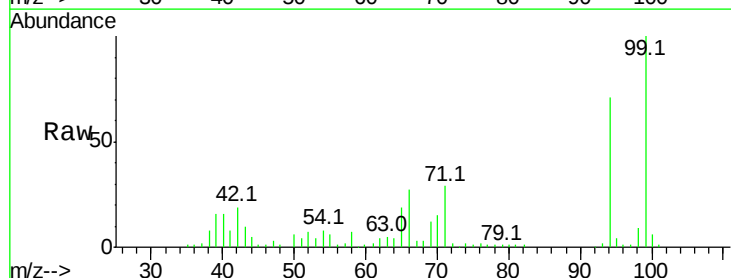
Tgt Ion: 94 Resp: 122763

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

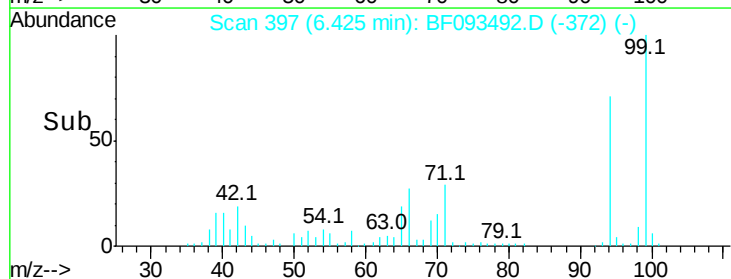
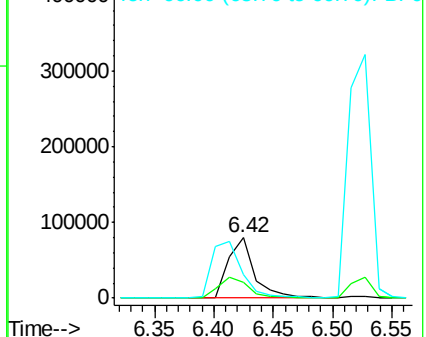
66 38.5 44.0 84.0#

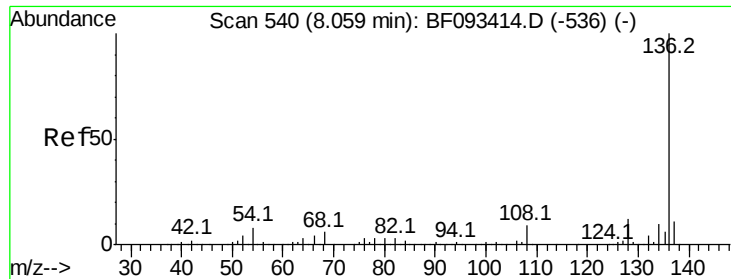


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

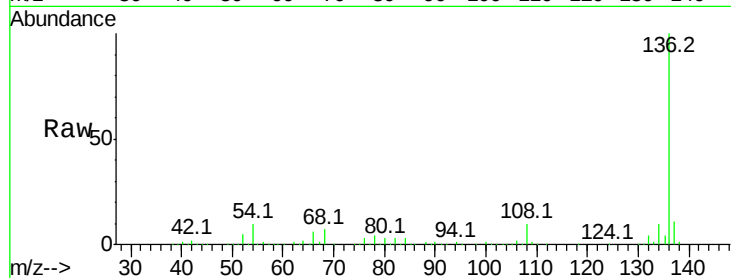




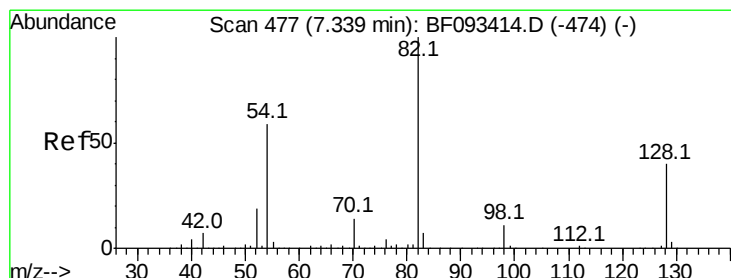
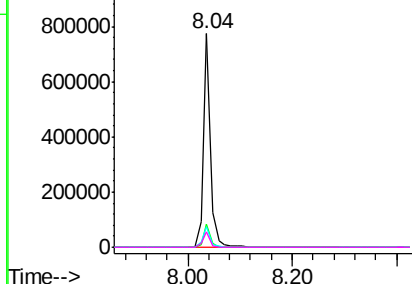
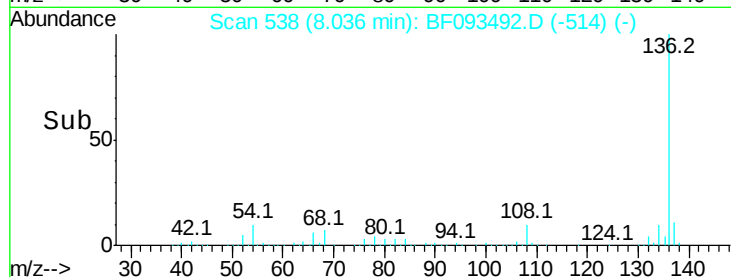
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

Instrument :
BNA_F
ClientSampleId :
TP-5-TP-4-COMP-0-12FT

Tot Ion:	136	Resp:	717397
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.9	4.5	6.7#
68	6.9	3.6	5.4#

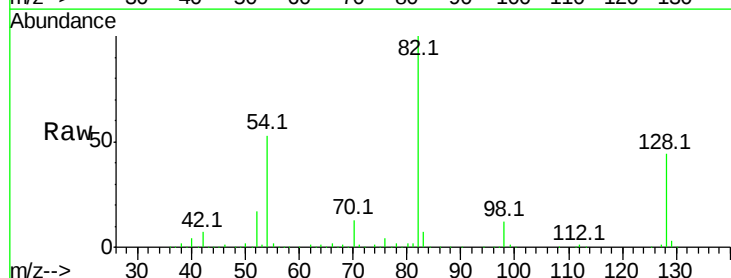


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

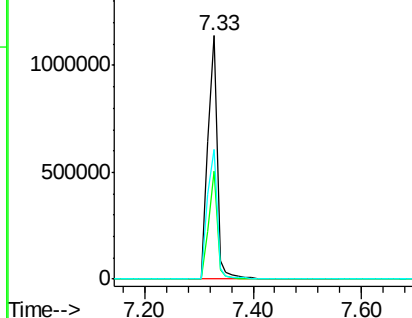
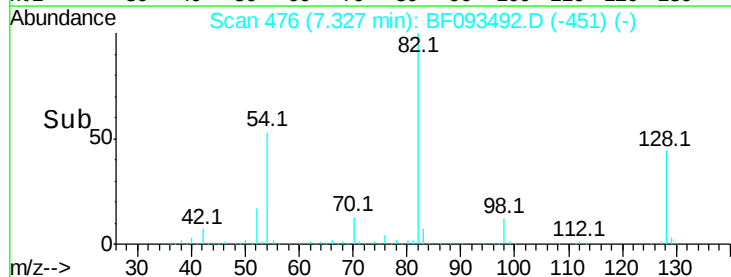


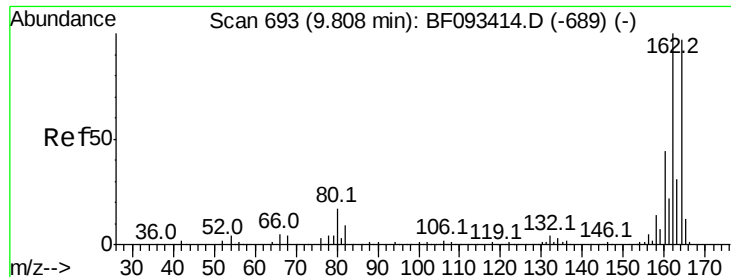
#23
Nitrobenzene-d5
Concen: 104.59 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

Tgt Ion:	82	Resp:	1352364
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	53.4	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

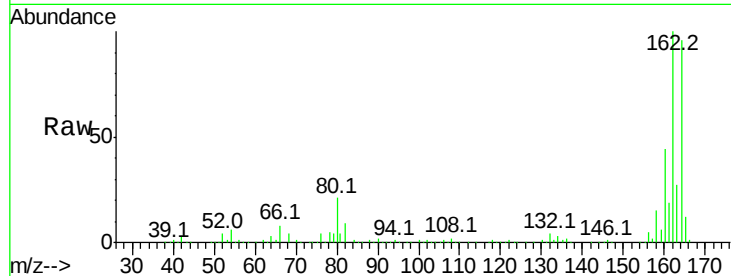




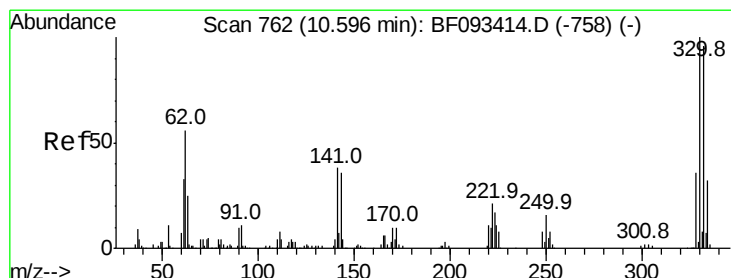
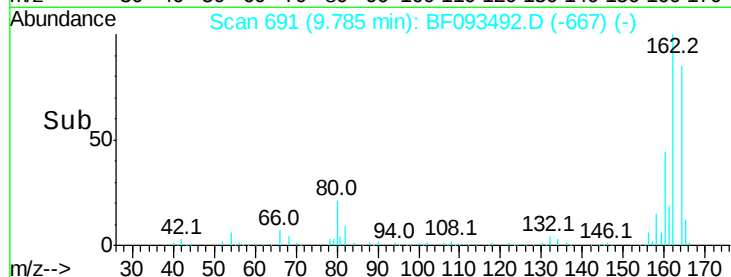
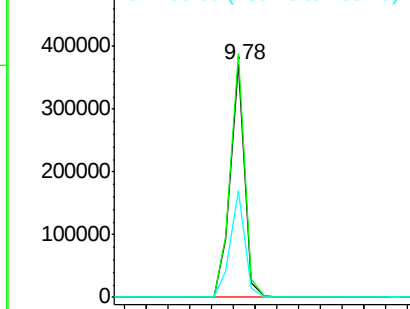
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

Instrument :
BNA_F
ClientSampleId :
TP-5-TP-4-COMP-0-12FT

Tot Ion:164 Resp: 338689
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 45.7 36.9 55.3

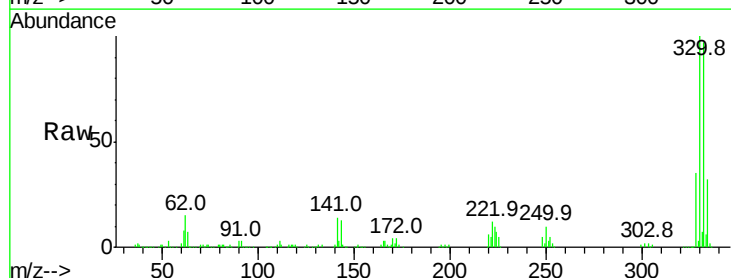


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

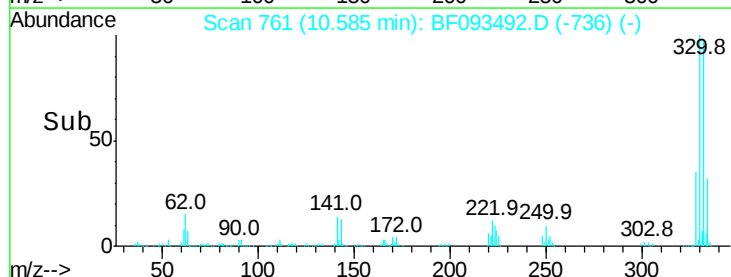
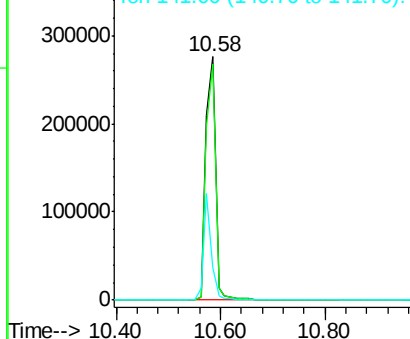


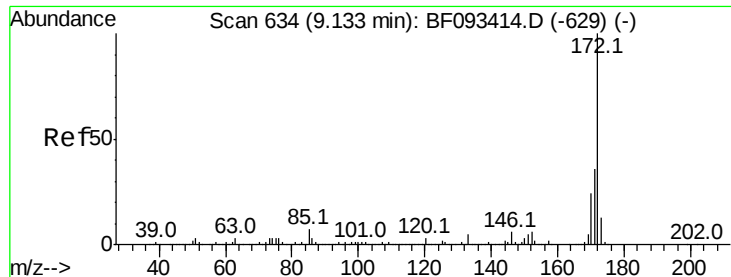
#41
2,4,6-Tribromophenol
Concen: 162.85 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

Tgt Ion:330 Resp: 359347
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.2
141 35.0 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: 96.74 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

Instrument :

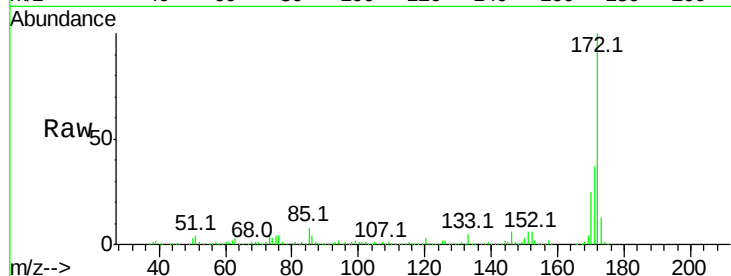
BNA_F

ClientSampleId :

TP-5-TP-4-COMP-0-12FT

Tot Ion:172 Resp: 1761457

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4

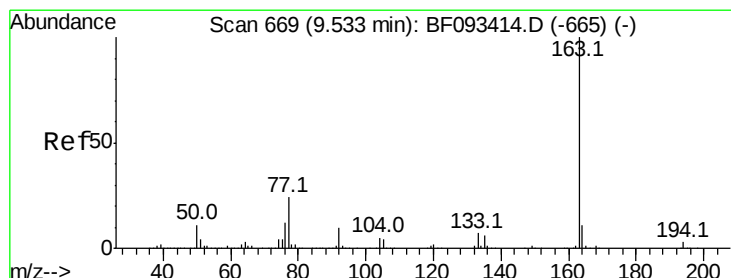
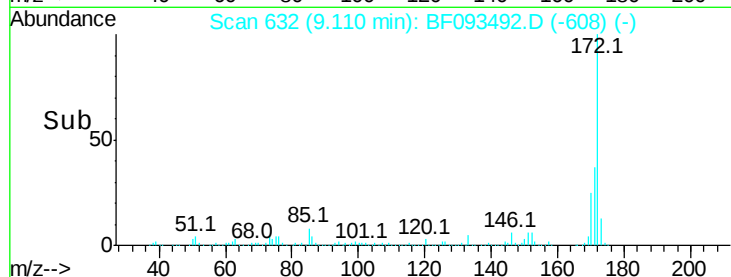
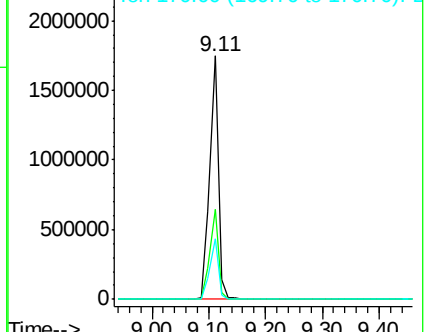


Abundance

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: 16.26 ng

RT: 9.51 min Scan# 667

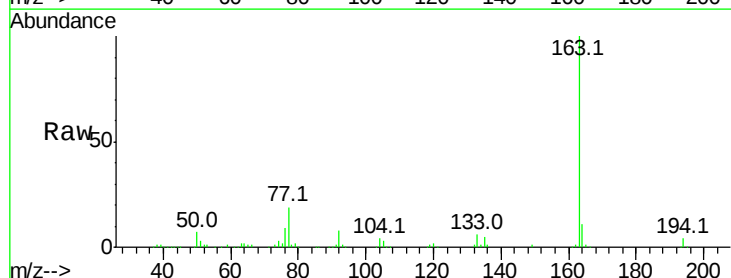
Delta R.T. -0.02 min

Lab File: BF093492.D

Acq: 9 Mar 2017 23:02

Tgt Ion:163 Resp: 365058

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.6	8.0	12.0

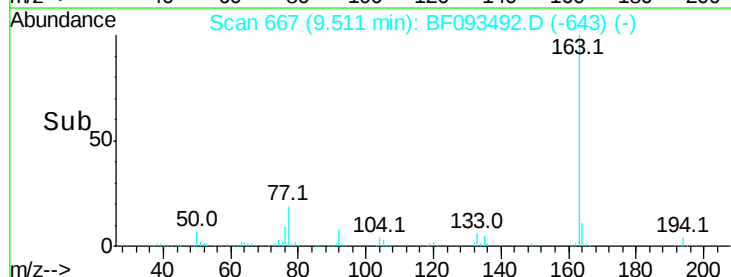
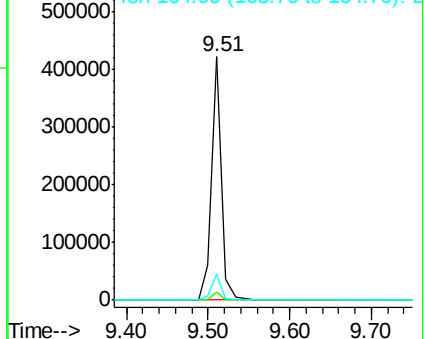


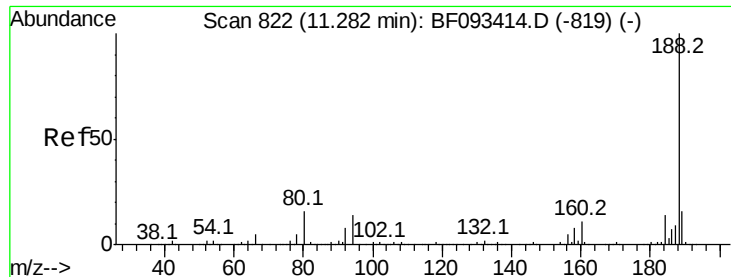
Abundance

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

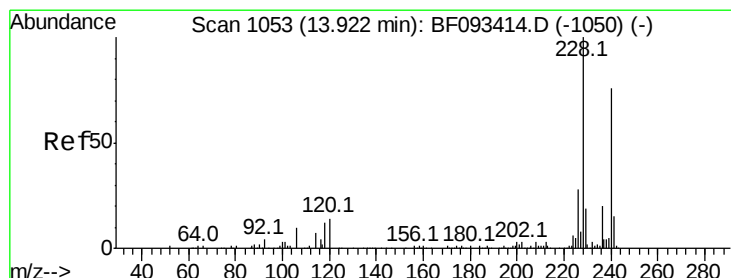
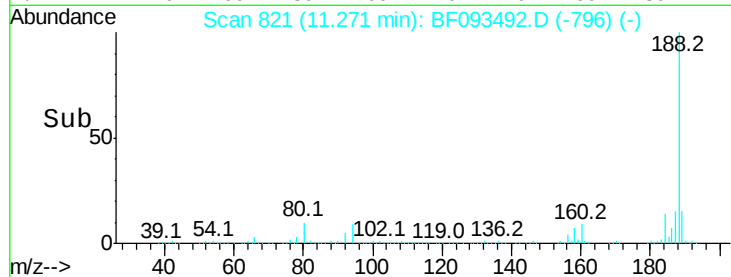
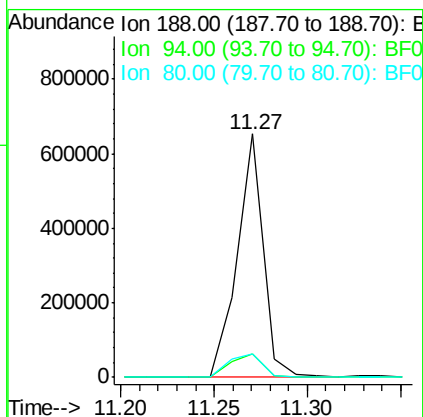
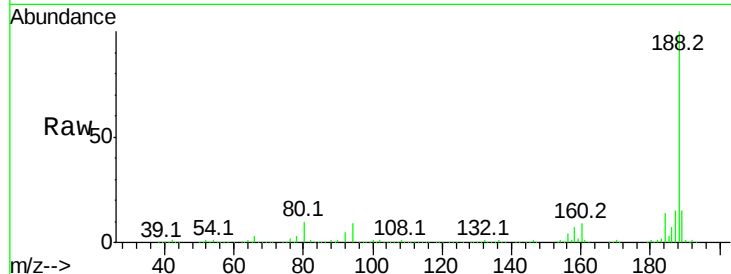




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

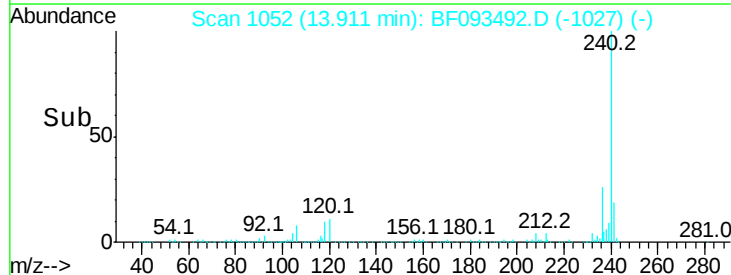
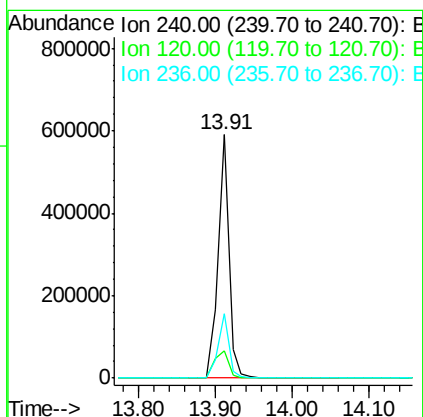
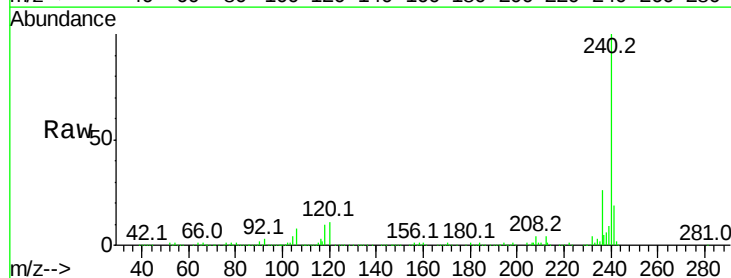
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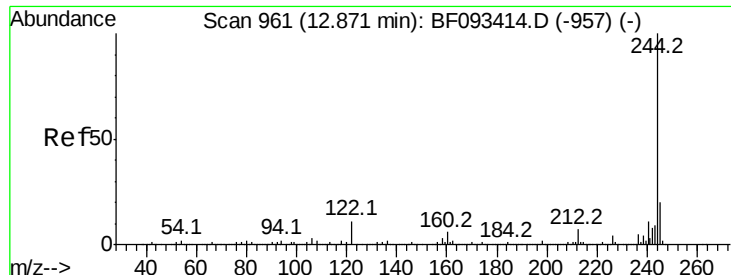
Tot Ion:188 Resp: 639314
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.6 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093492.D
Acq: 9 Mar 2017 23:02

Tgt Ion:240 Resp: 581402
Ion Ratio Lower Upper
240 100
120 11.1 12.9 19.3#
236 26.5 20.9 31.3

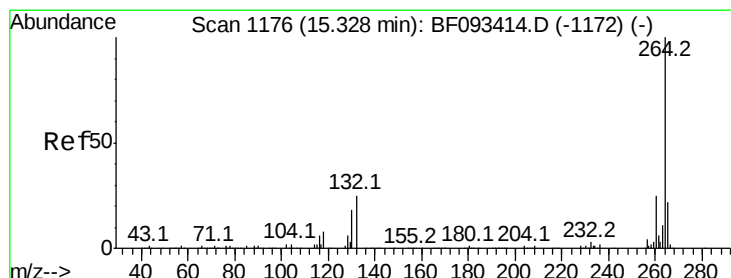
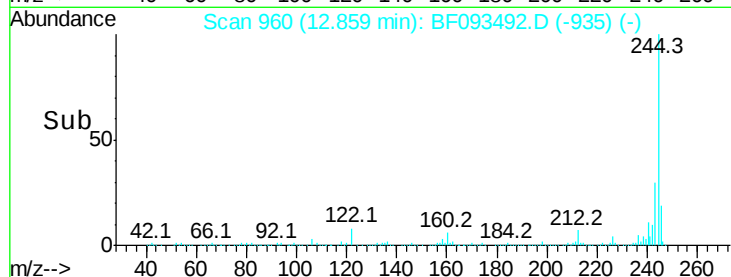
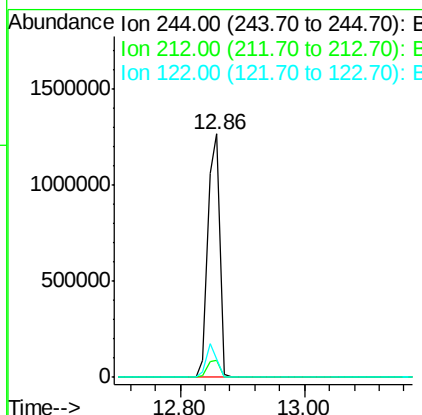
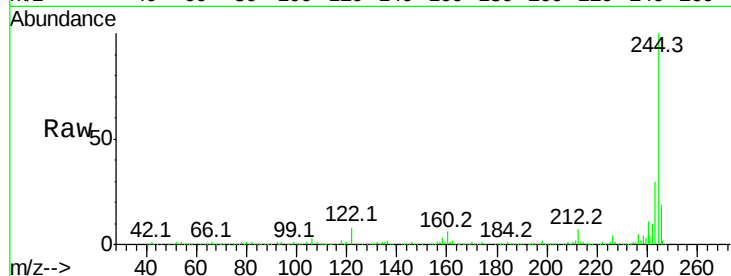




#78
 Terphenyl-d14
 Concen: 75.13 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093492.D
 Acq: 9 Mar 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-TP-4-COMP-0-12FT

Tot Ion:244 Resp: 1680006
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093492.D
 Acq: 9 Mar 2017 23:02

Tgt Ion:264 Resp: 434459
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.7 17.4 26.0

