

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092544.D
 Acq On : 27 Jan 2017 00:10
 Operator : SJ/MA
 Sample : I1451-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Jan 27 02:16:05 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

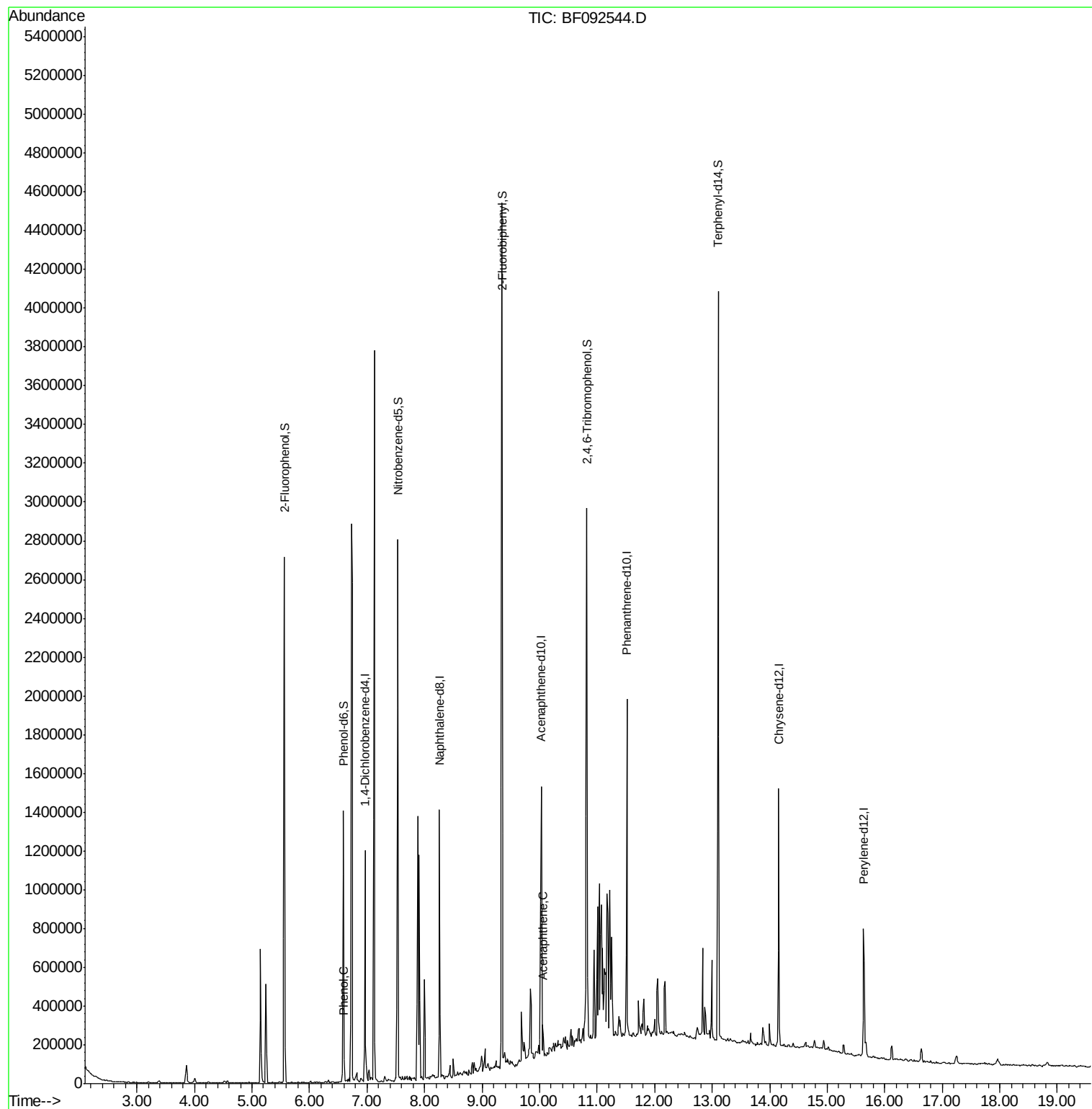
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162441	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	646114	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	373708	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	625951	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	495321	20.00	ng	-0.01
86) Perylene-d12	15.63	264	352857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	681546	65.28	ng	0.01
7) Phenol-d6	6.59	99	620625	46.67	ng	0.00
23) Nitrobenzene-d5	7.54	82	1187850	100.43	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	323599	127.07	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1722917	85.25	ng	-0.01
78) Terphenyl-d14	13.10	244	1531986	82.36	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	34794	2.17	ng	Qvalue # 63
51) Acenaphthene	10.05	154	45528	2.26	ng	97

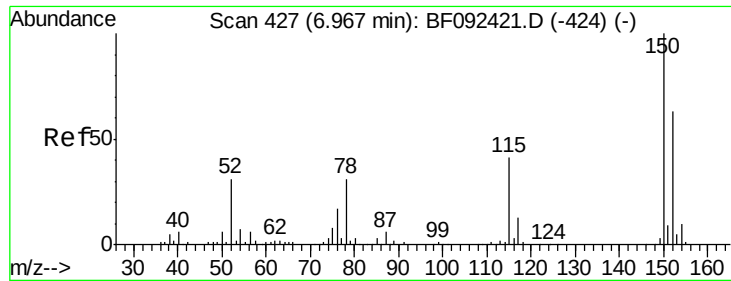
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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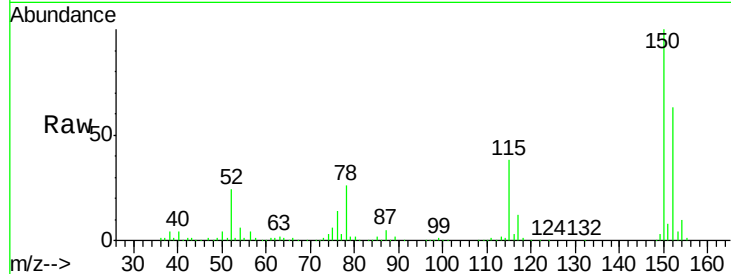


#1

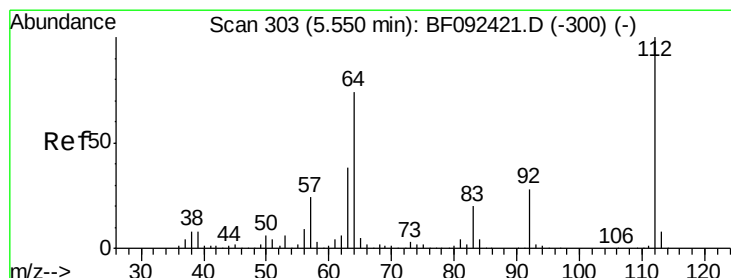
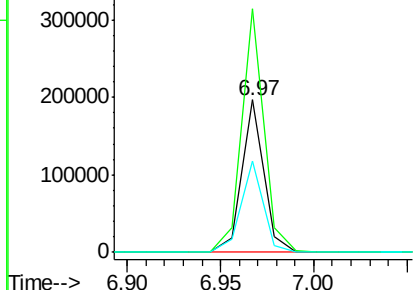
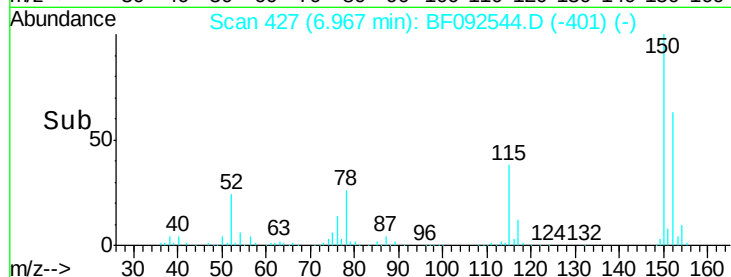
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Instrument :
 BNA_F
 ClientSampled :
 W-29

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.9	187.3
115	60.1	46.0	69.0



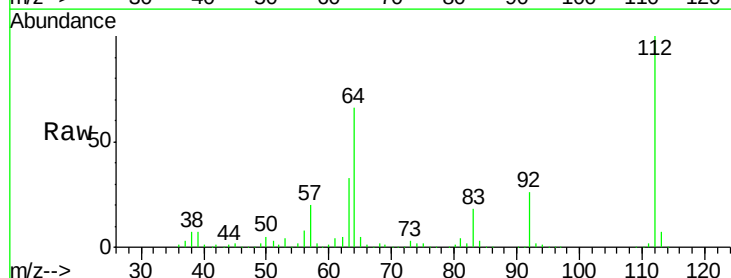
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



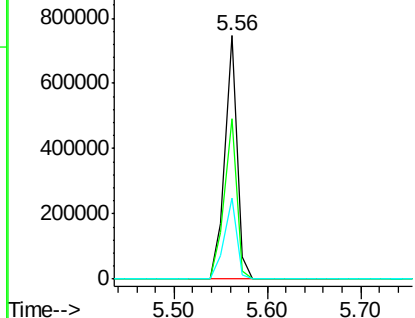
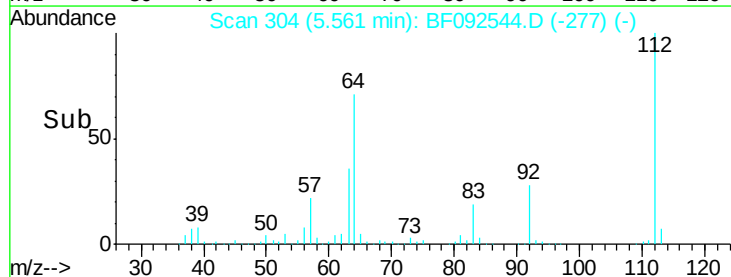
#5

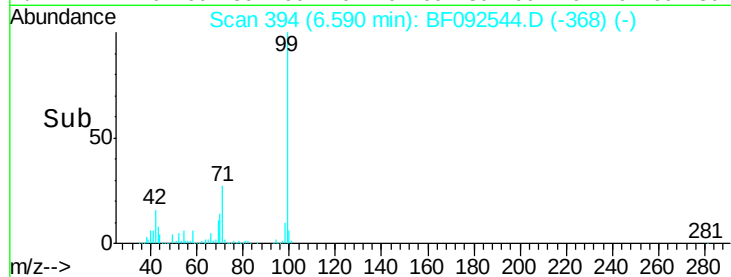
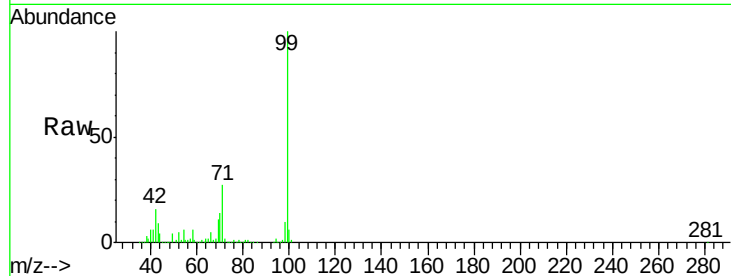
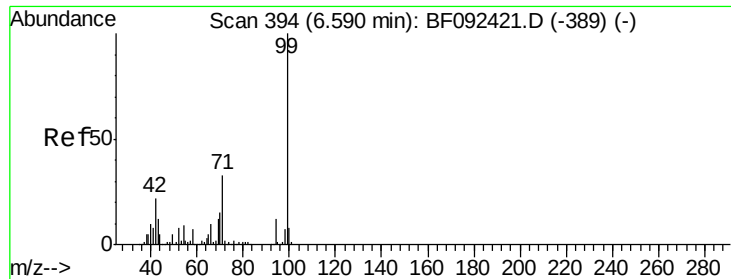
2-Fluorophenol
 Concen: 65.28 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.1	69.1
63	33.2	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: 46.67 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampleId :

W-29

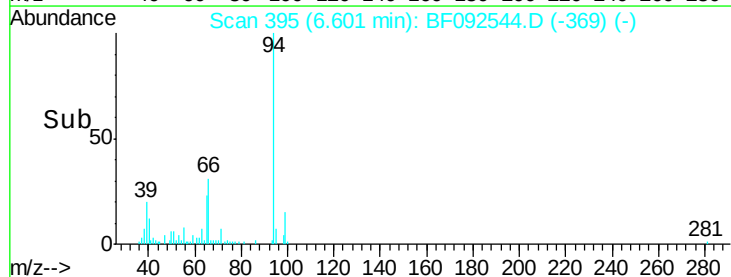
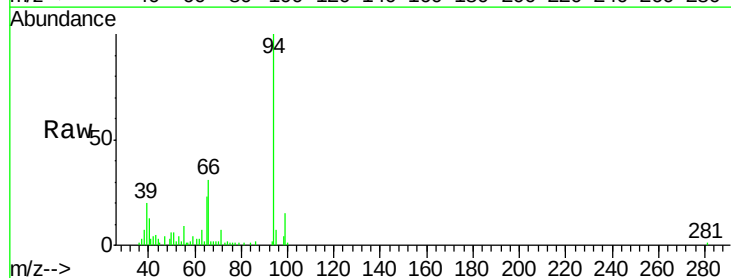
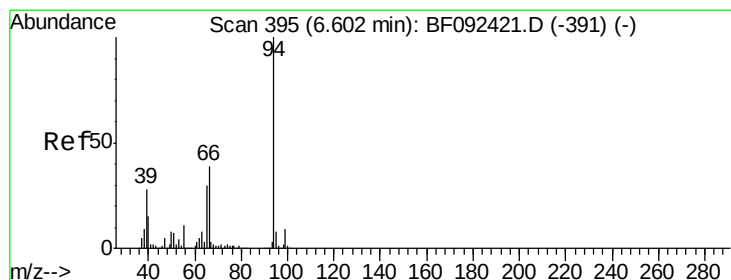
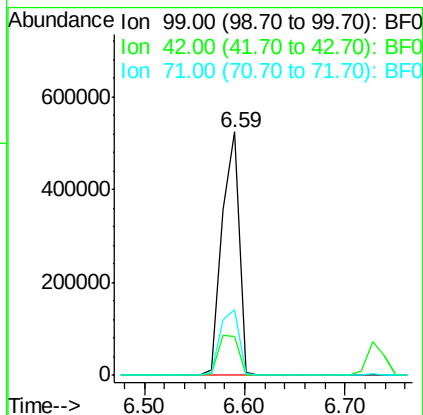
Tot Ion: 99 Resp: 620625

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

71 27.2 27.5 41.3#



#10

Phenol

Concen: 2.17 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

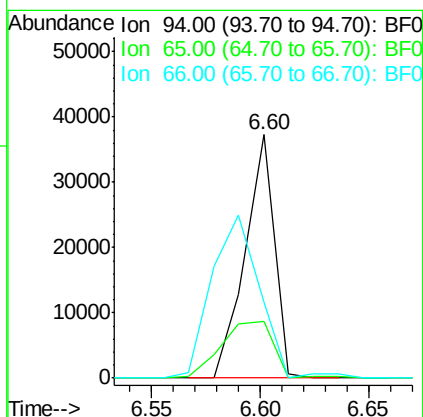
Tgt Ion: 94 Resp: 34794

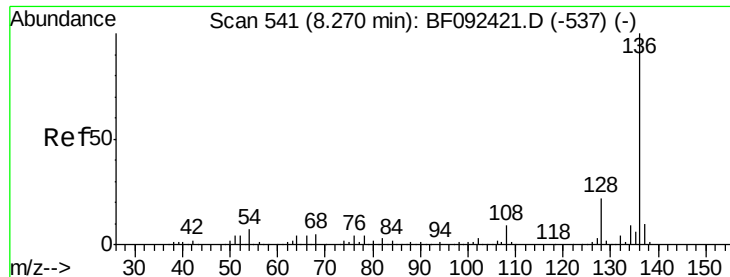
Ion Ratio Lower Upper

94 100

65 23.2 21.4 61.4

66 31.2 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 646114

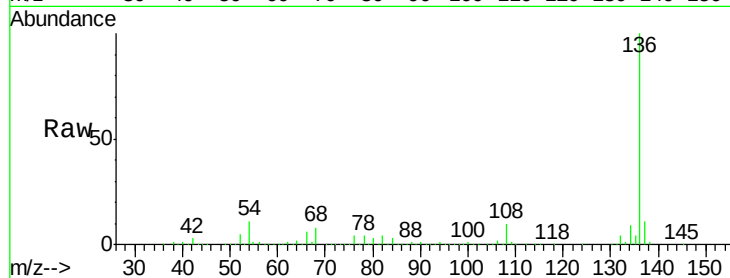
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.8 3.6 5.4#

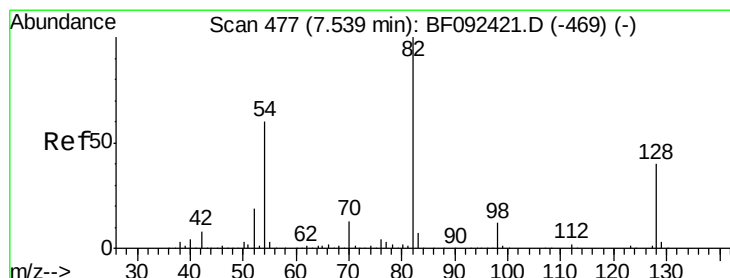
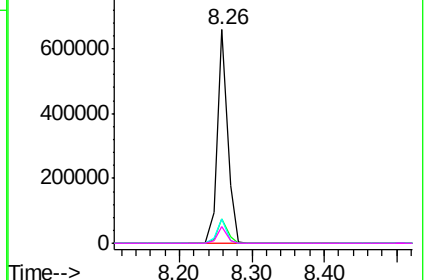
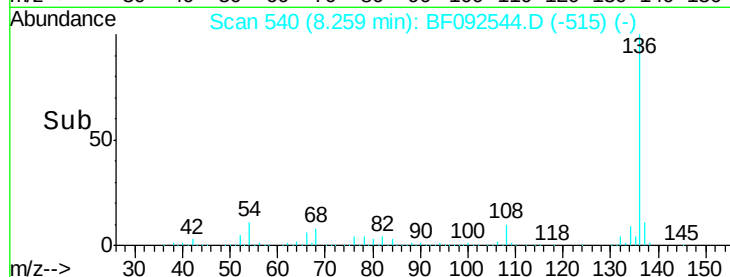


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.43 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

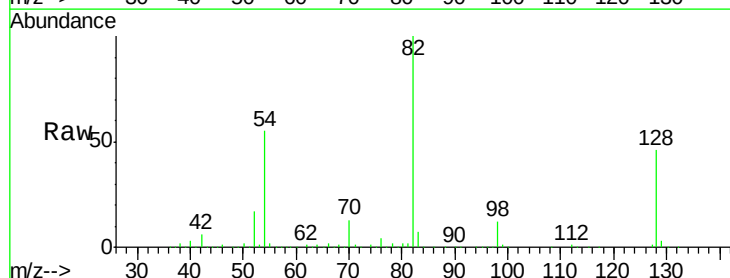
Tgt Ion: 82 Resp: 1187850

Ion Ratio Lower Upper

82 100

128 46.4 34.6 52.0

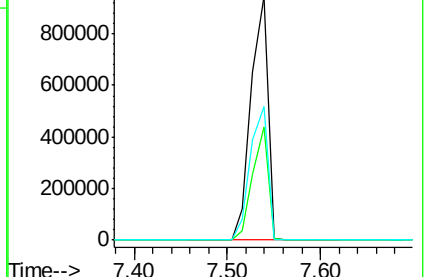
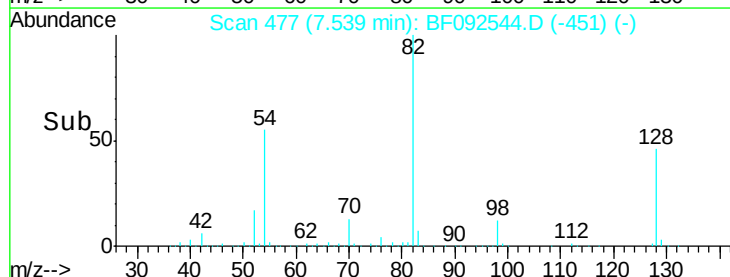
54 55.0 39.5 59.3

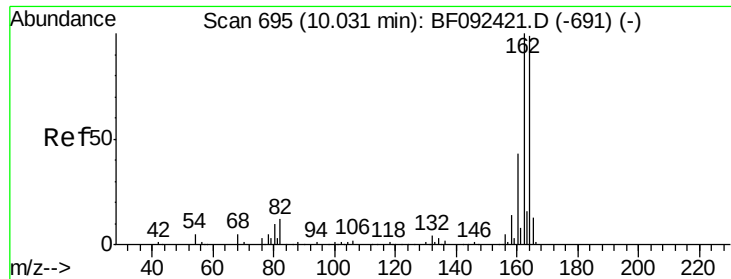


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

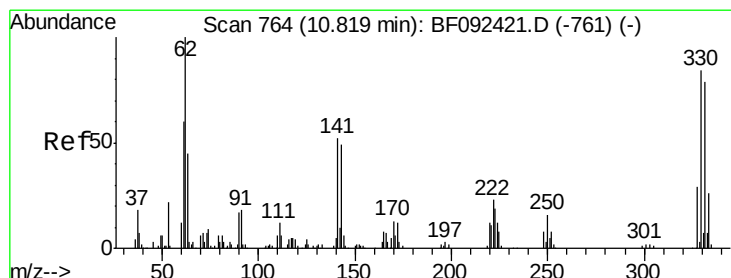
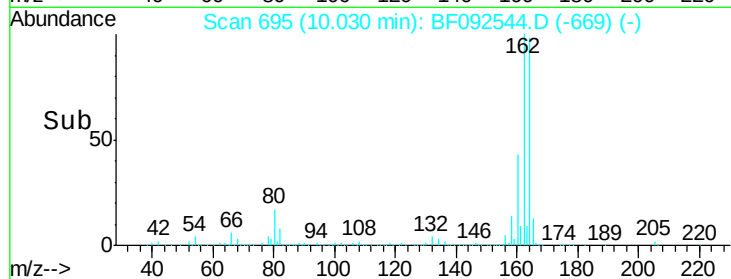
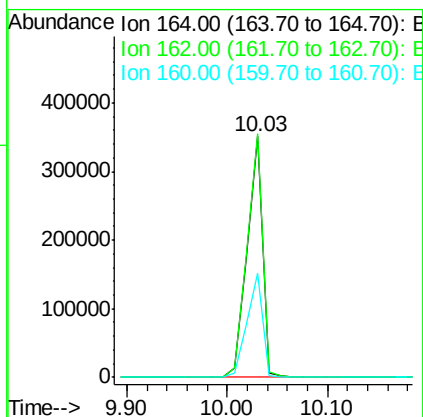
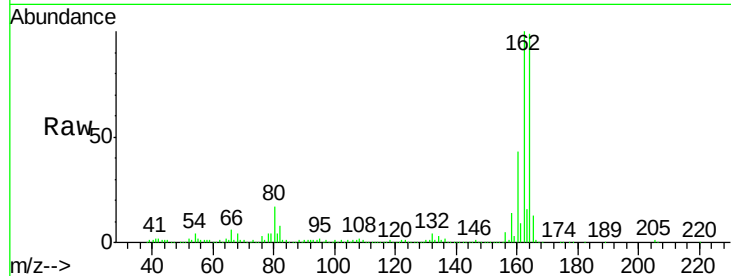




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

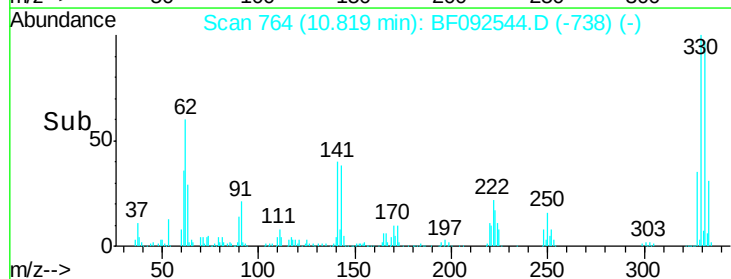
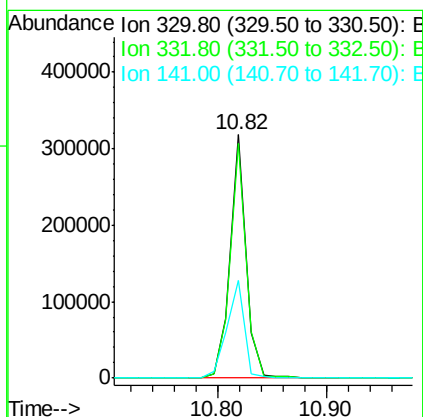
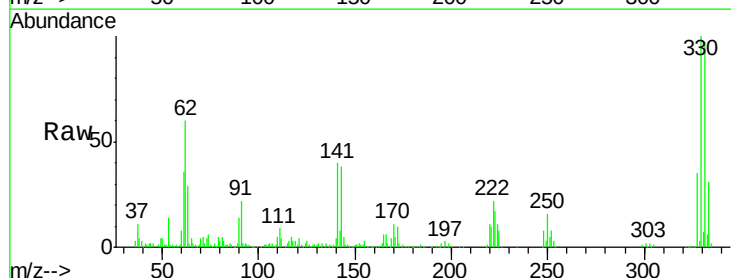
Instrument :
BNA_F
ClientSampleId :
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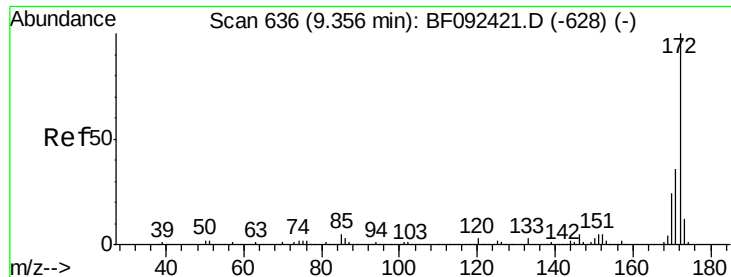
Tot Ion:164 Resp: 373708
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 127.07 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

Tgt Ion:330 Resp: 323599
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 42.9 34.1 51.1



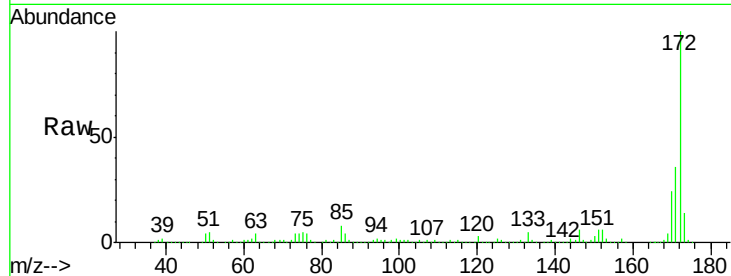


#44
 2-Fluorobiphenyl
 Concen: 85.25 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

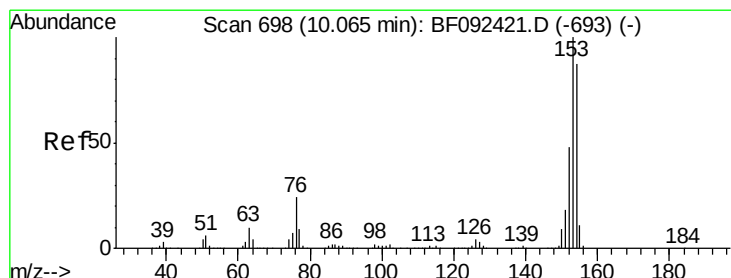
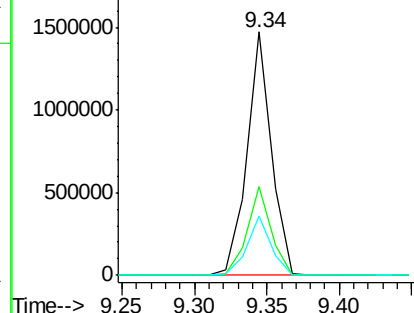
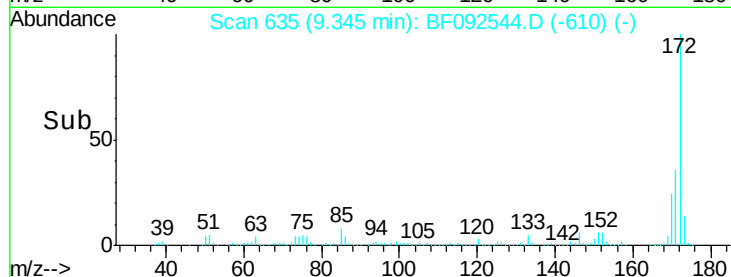
Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion:172 Resp: 1722917

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4



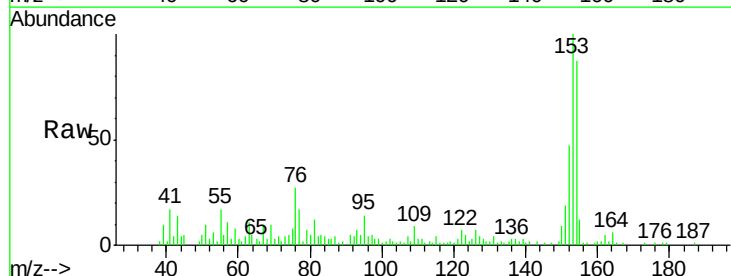
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



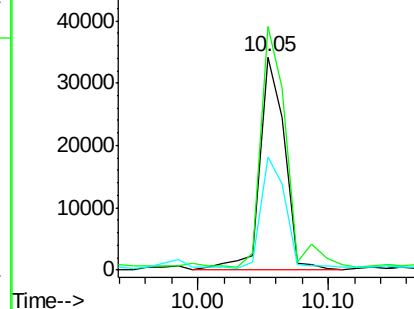
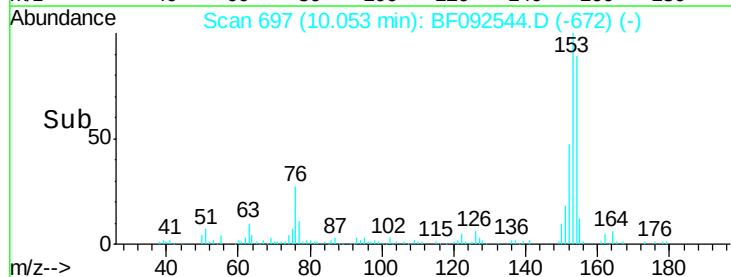
#51
 Acenaphthene
 Concen: 2.26 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

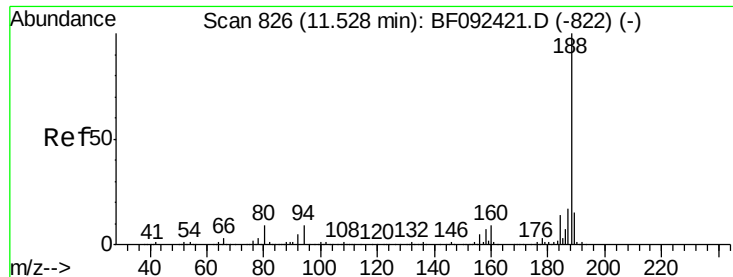
Tgt Ion:154 Resp: 45528

Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.6	133.0
152	53.2	41.6	62.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

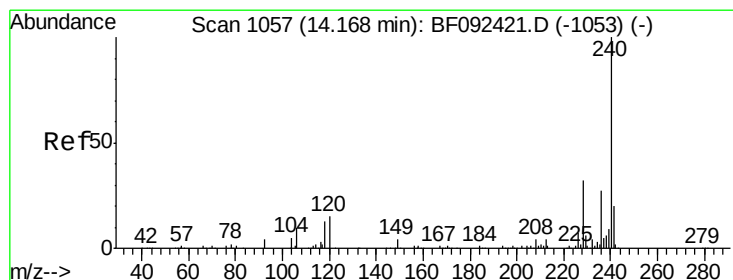
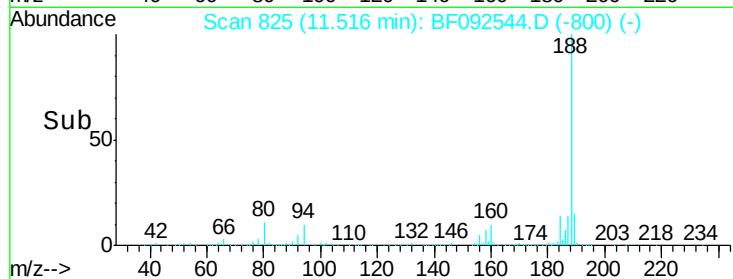
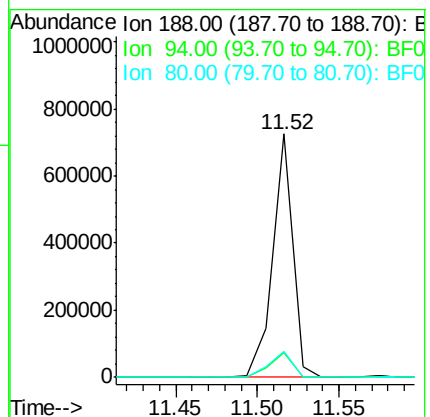
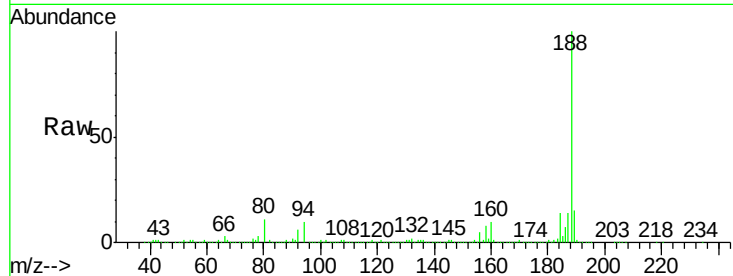




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

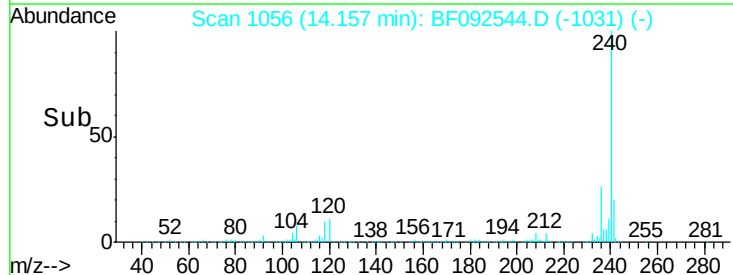
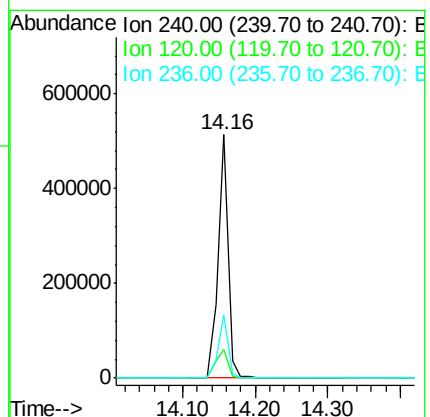
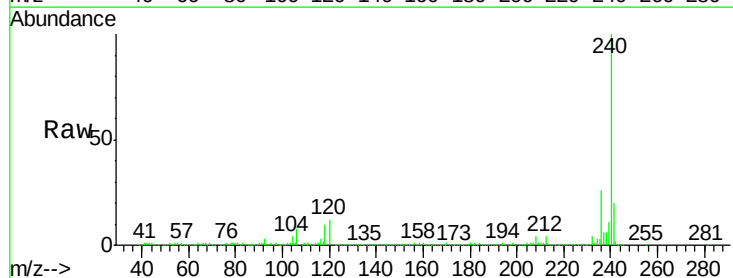
Instrument :
BNA_F
ClientSampled :
W-29

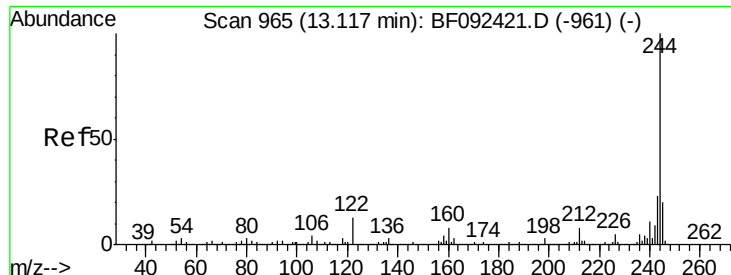
Tot Ion:188 Resp: 625951
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 10.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

Tgt Ion:240 Resp: 495321
Ion Ratio Lower Upper
240 100
120 11.5 12.9 19.3#
236 26.2 20.9 31.3

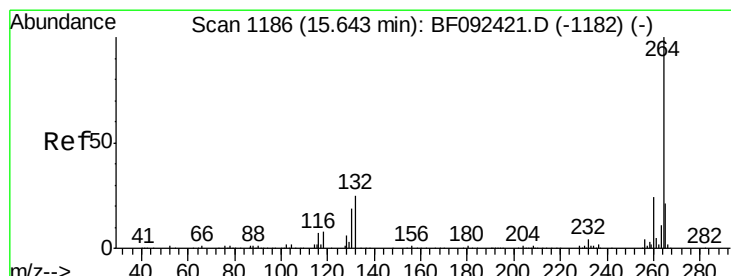
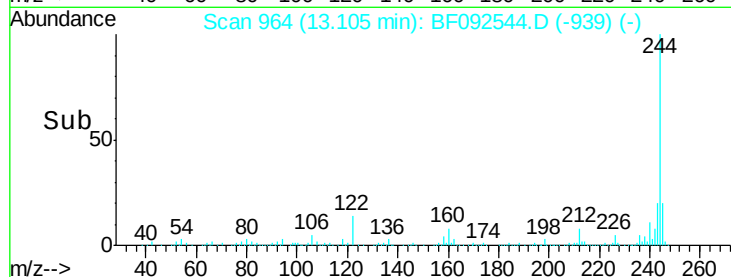
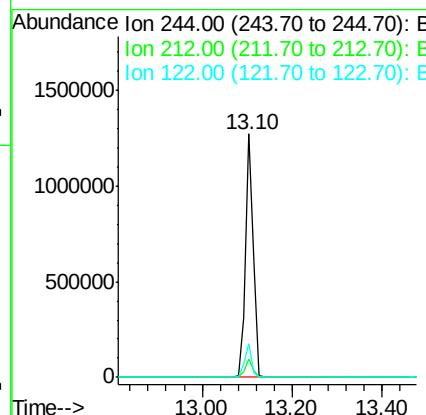
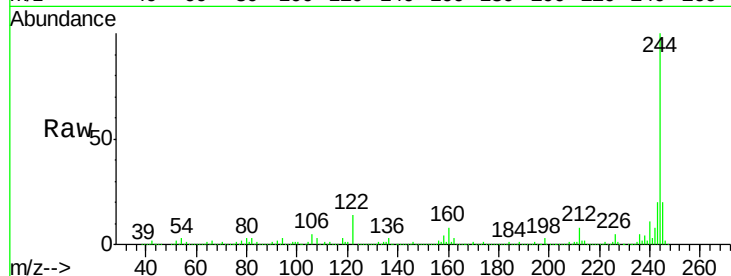




#78
 Terphenyl-d14
 Concen: 82.36 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tot Ion:244 Resp: 1531986
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.0 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: BF092544.D
 Acq: 27 Jan 2017 00:10

Tgt Ion:264 Resp: 352857
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.4 26.0

