

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090542.D
 Acq On : 12 Oct 2016 18:21
 Operator : UM/SJ
 Sample : H5180-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 13 01:13:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

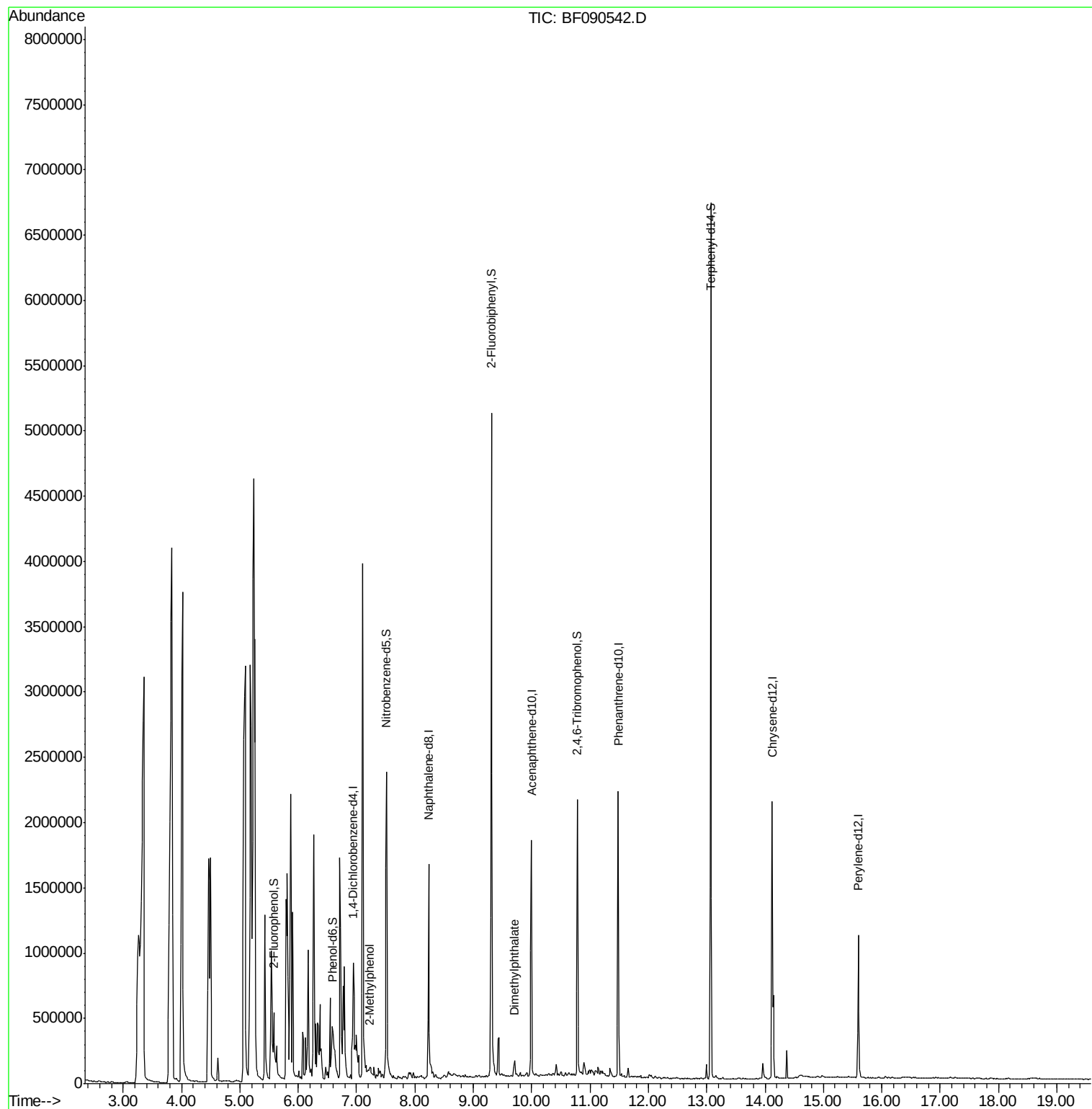
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	217743	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	946543	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	497568	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	817056	20.00	ng	0.00
75) Chrysene-d12	14.12	240	684432	20.00	ng	-0.01
86) Perylene-d12	15.60	264	491329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	305248	21.81	ng	0.02
7) Phenol-d6	6.59	99	286251	16.21	ng	0.00
23) Nitrobenzene-d5	7.51	82	1230509	70.51	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	301625	61.15	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2187706	73.89	ng	-0.01
78) Terphenyl-d14	13.07	244	2228861	79.58	ng	-0.01
Target Compounds						
17) 2-Methylphenol	7.22	107	27022	2.23	ng	99
49) Dimethylphthalate	9.71	163	73116	2.18	ng	96

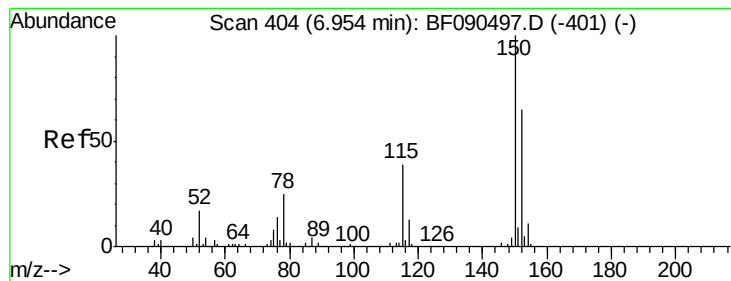
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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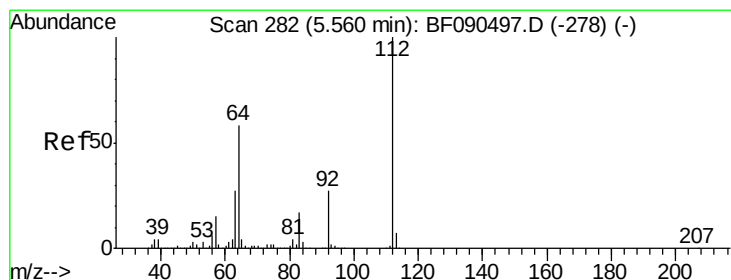
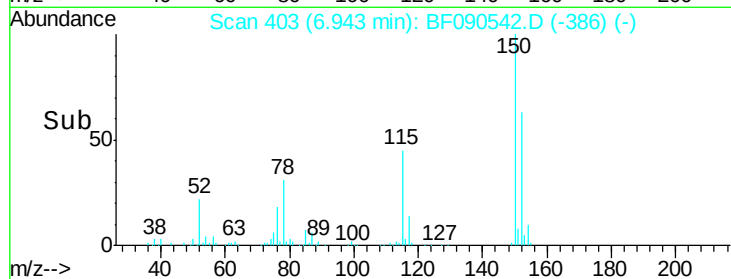
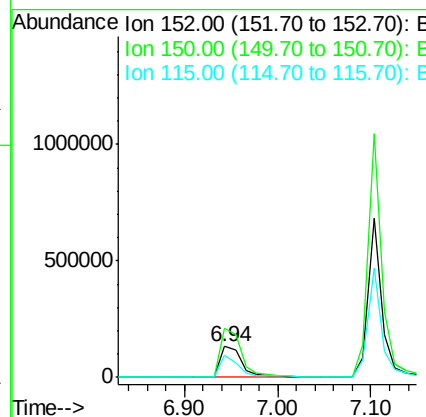
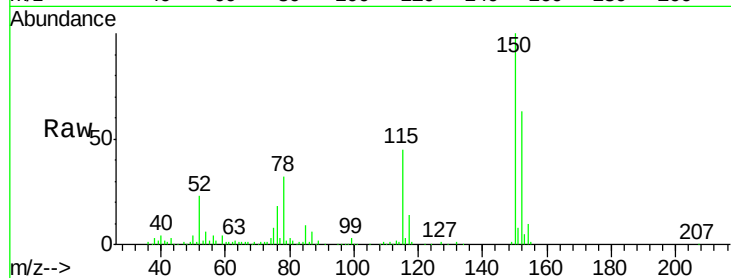




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF090542.D
 Acq: 12 Oct 2016 18:21

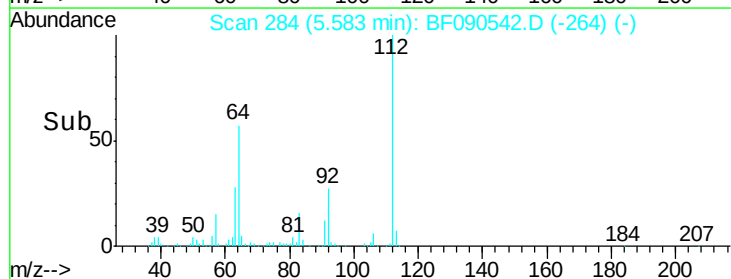
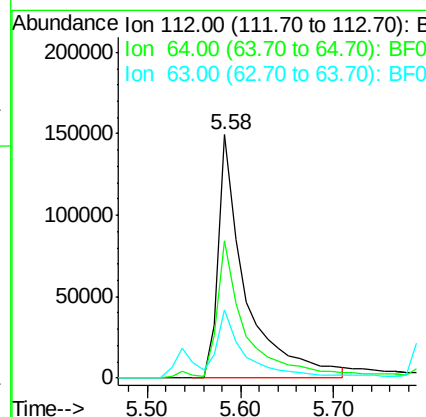
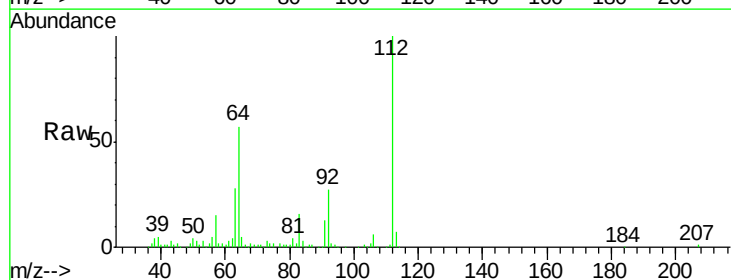
Instrument :
 BNA_F
 ClientSampled :
 WC-2

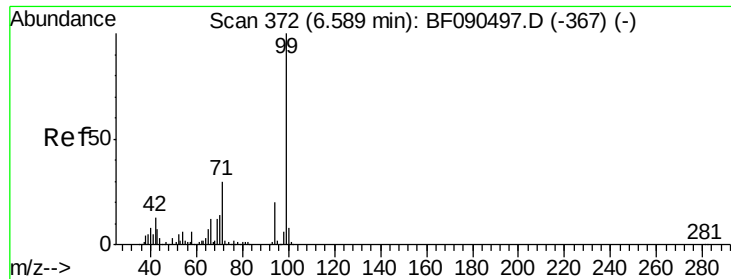
Tot Ion	152	Resp	217743
Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	71.5	46.2	69.4



#5
 2-Fluorophenol
 Concen: 21.81 ng
 RT: 5.58 min Scan# 284
 Delta R.T. 0.02 min
 Lab File: BF090542.D
 Acq: 12 Oct 2016 18:21

Tgt Ion	112	Resp	305248
Ion	Ratio	Lower	Upper
112	100		
64	56.7	57.9	86.9
63	28.0	29.6	44.4





#7

Phenol-d6

Concen: 16.21 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Instrument :

BNA_F

ClientSampleId :

WC-2

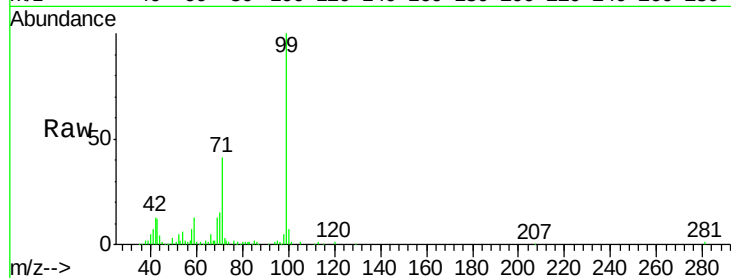
Tot Ion: 99 Resp: 286251

Ion Ratio Lower Upper

99 100

42 12.9 20.0 30.0#

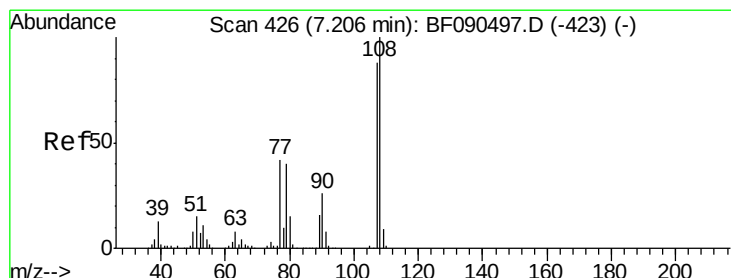
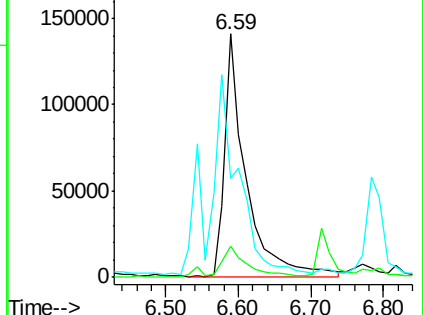
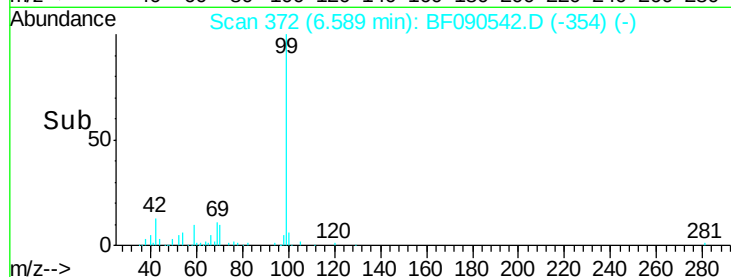
71 40.7 27.9 41.9



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



#17

2-Methylphenol

Concen: 2.23 ng

RT: 7.22 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Tgt Ion: 107 Resp: 27022

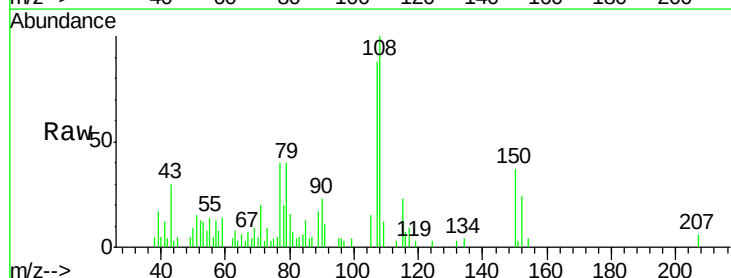
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 45.3 38.2 57.4

79 46.1 37.0 55.4

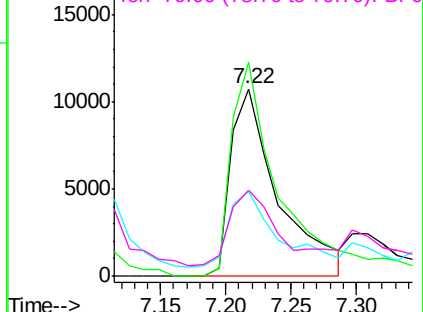
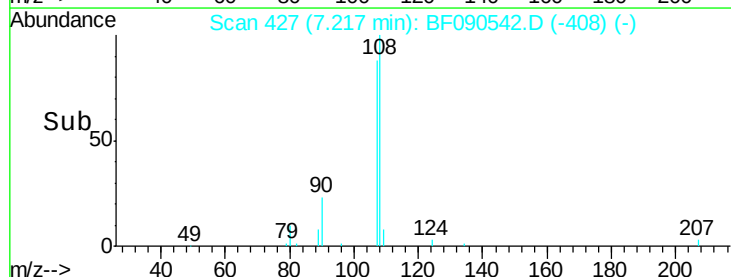


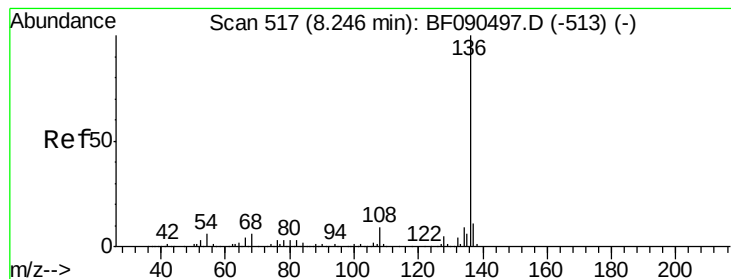
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Instrument :

BNA_F

ClientSampleId :

WC-2

Tot Ion:136 Resp: 946543

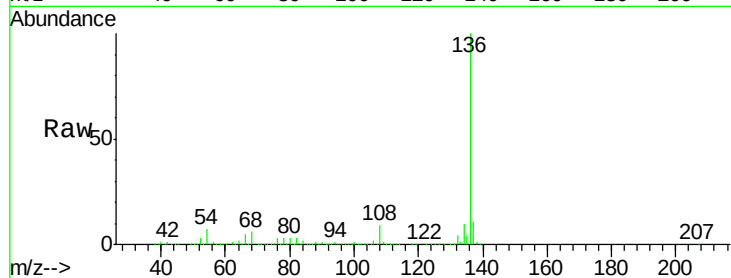
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 6.9 6.6 10.0

68 6.4 5.0 7.6

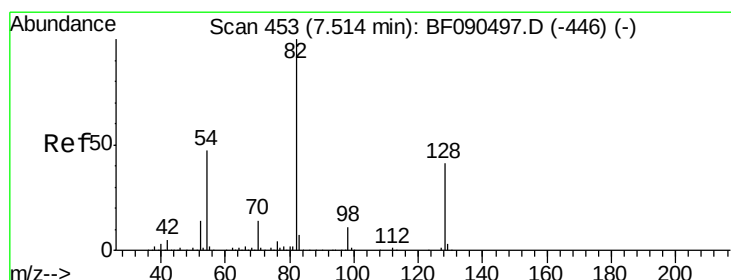
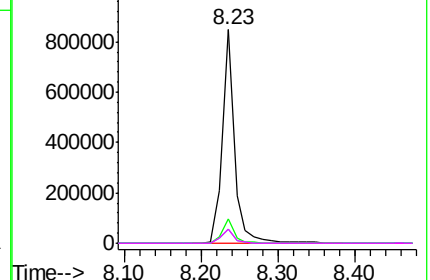
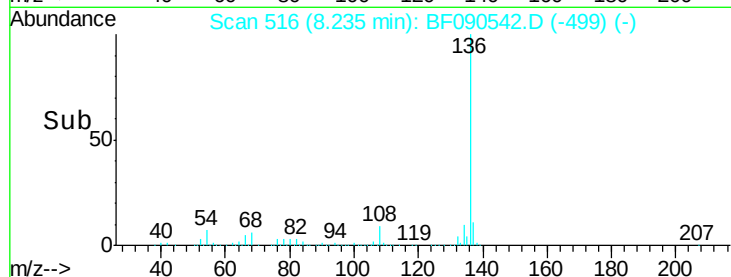


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.51 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

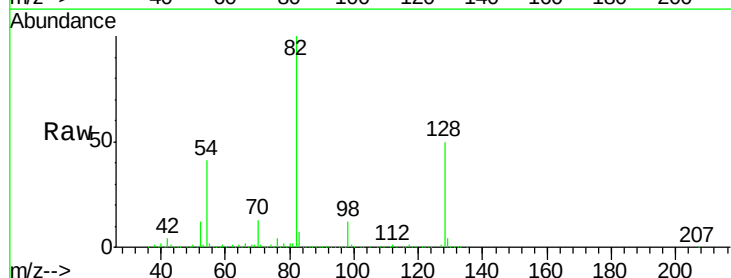
Tgt Ion: 82 Resp: 1230509

Ion Ratio Lower Upper

82 100

128 50.3 40.0 60.0

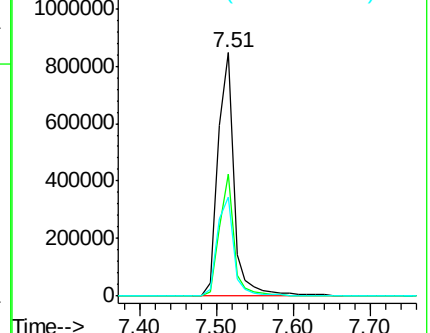
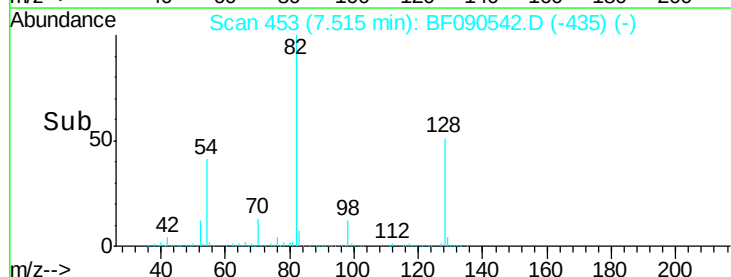
54 40.8 42.6 64.0#

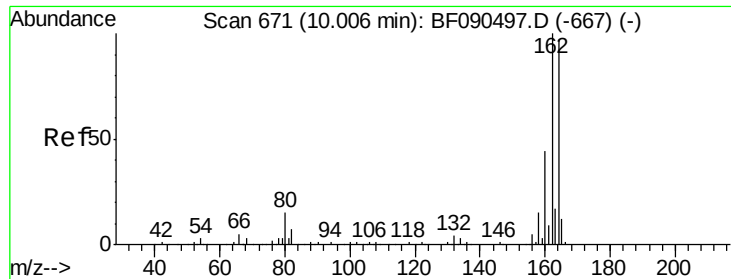


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

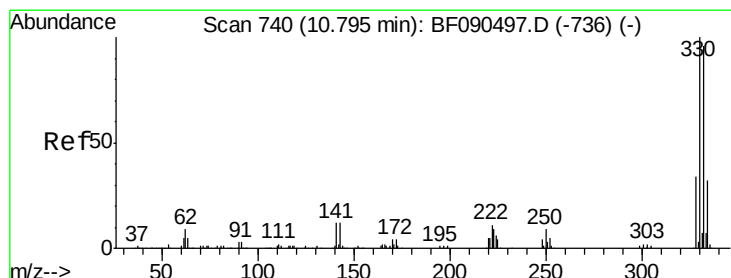
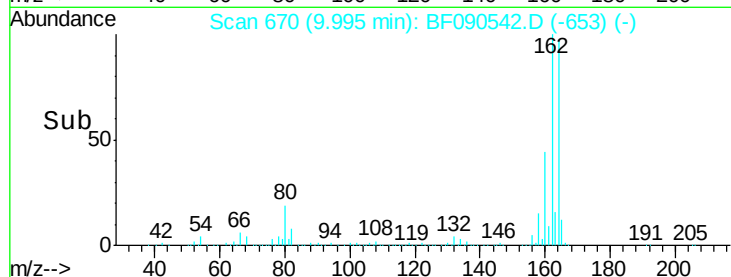
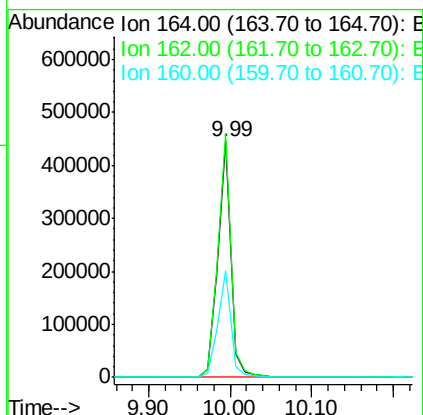
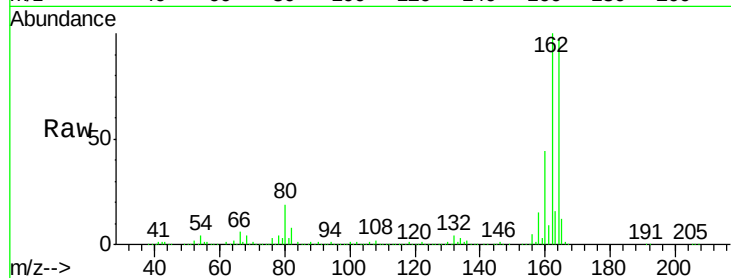




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090542.D
Acq: 12 Oct 2016 18:21

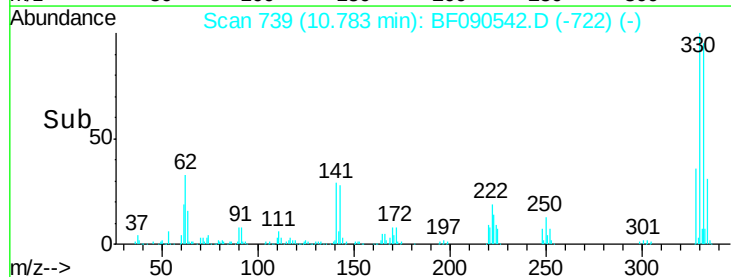
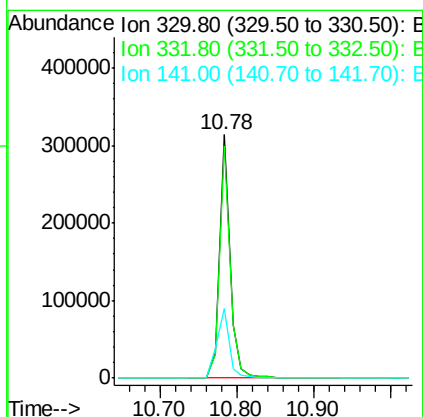
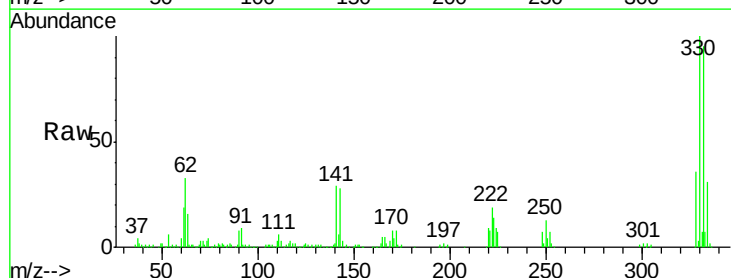
Instrument :
BNA_F
ClientSampleId :
WC-2

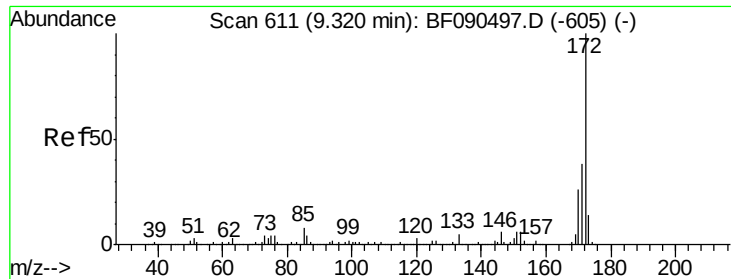
Tot Ion:164 Resp: 497568
Ion Ratio Lower Upper
164 100
162 103.4 80.1 120.1
160 45.4 36.3 54.5



#41
2,4,6-Tribromophenol
Concen: 61.15 ng
RT: 10.78 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF090542.D
Acq: 12 Oct 2016 18:21

Tgt Ion:330 Resp: 301625
Ion Ratio Lower Upper
330 100
332 96.2 75.4 113.0
141 33.7 26.9 40.3





#44

2-Fluorobiphenyl

Concen: 73.89 ng

RT: 9.31 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Instrument :

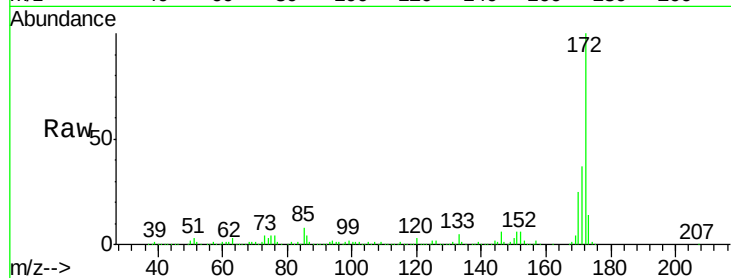
BNA_F

ClientSampled :

WC-2

Tot Ion:172 Resp: 2187706

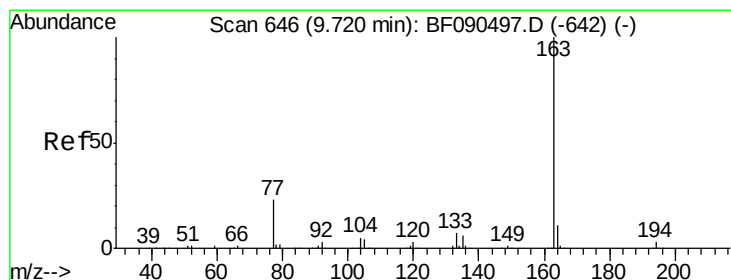
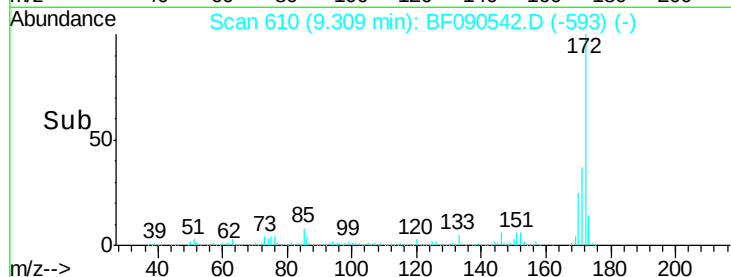
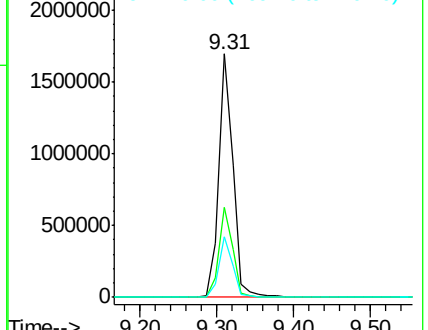
Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.8
170	24.7	21.7	32.5



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: 2.18 ng

RT: 9.71 min Scan# 645

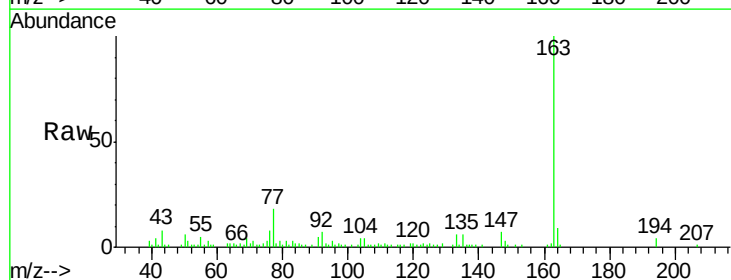
Delta R.T. -0.01 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Tgt Ion:163 Resp: 73116

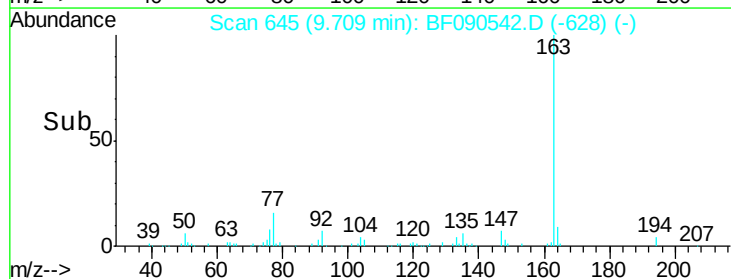
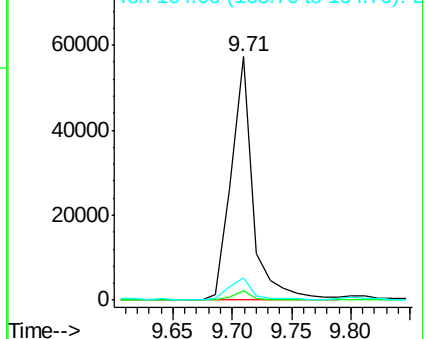
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.3	9.0	13.4

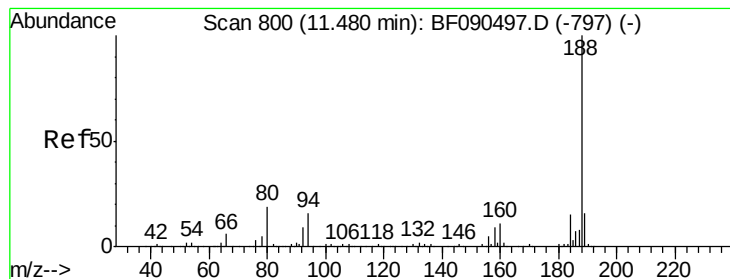


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

Instrument :

BNA_F

ClientSampleId :

WC-2

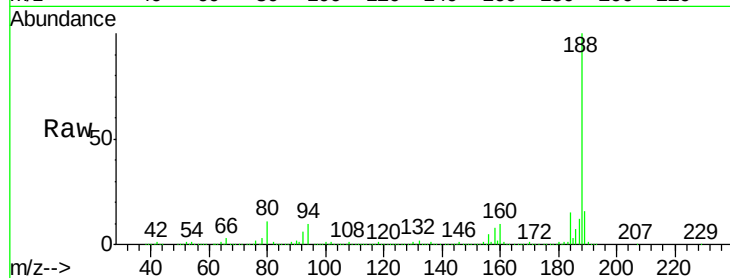
Tot Ion:188 Resp: 817056

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

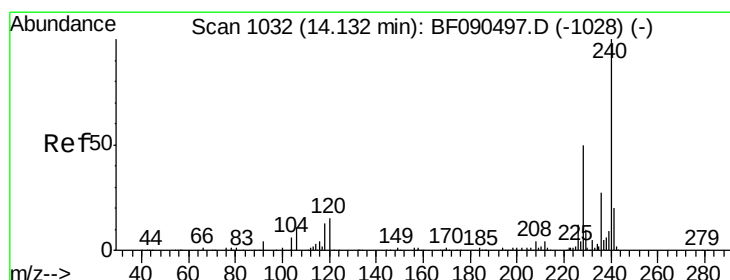
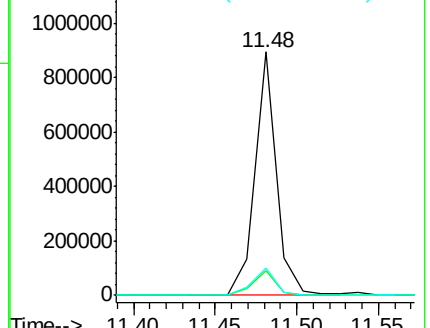
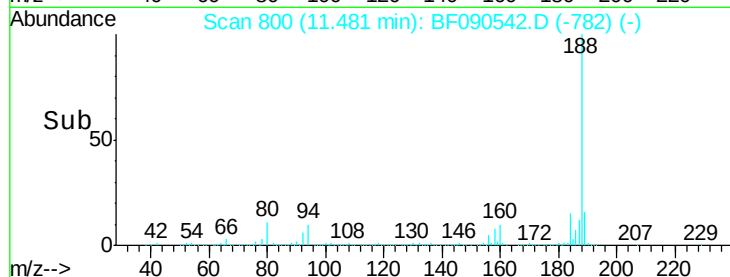
80 11.1 8.8 13.2



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: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090542.D

Acq: 12 Oct 2016 18:21

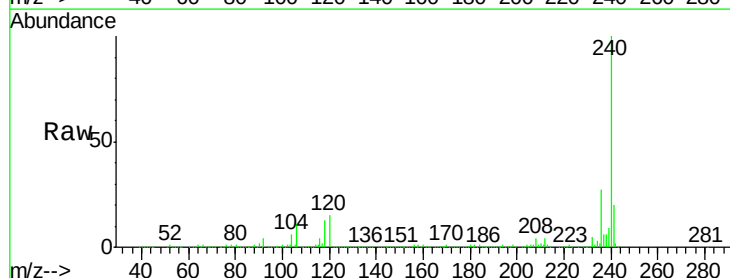
Tgt Ion:240 Resp: 684432

Ion Ratio Lower Upper

240 100

120 14.9 8.6 13.0#

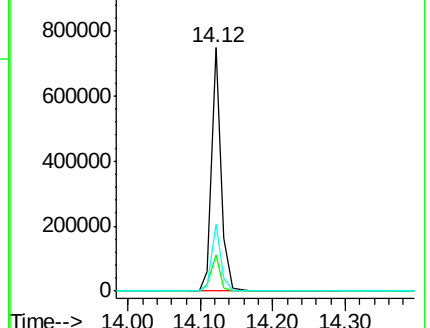
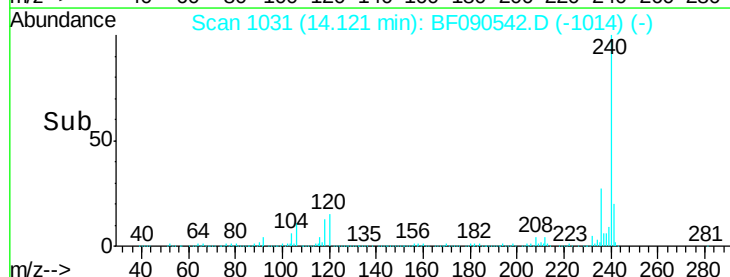
236 27.4 21.6 32.4

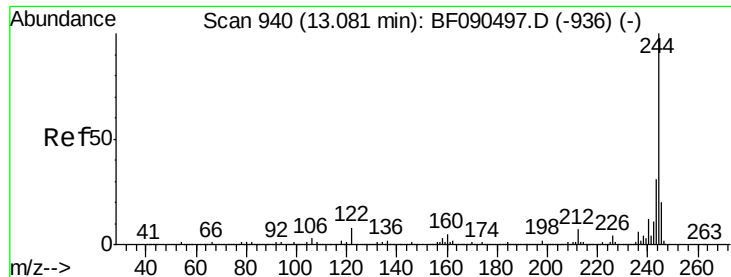


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

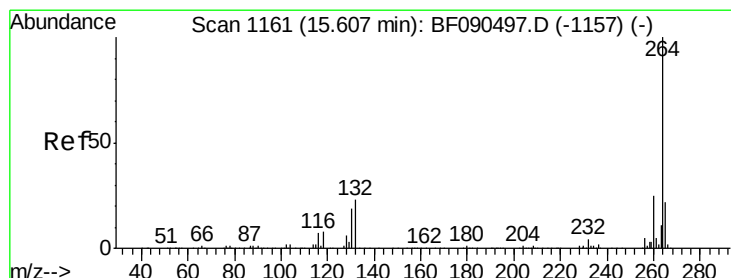
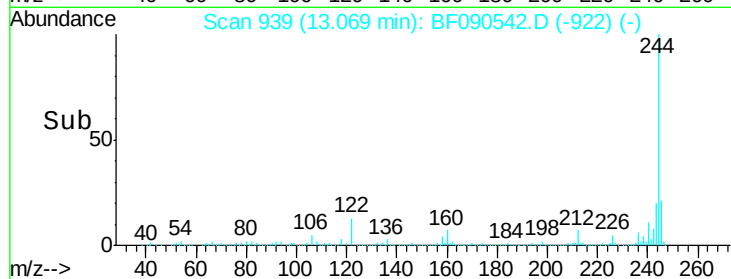
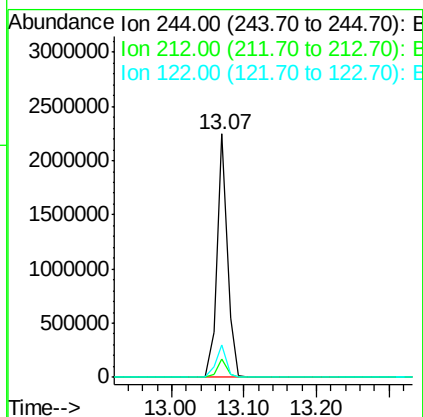
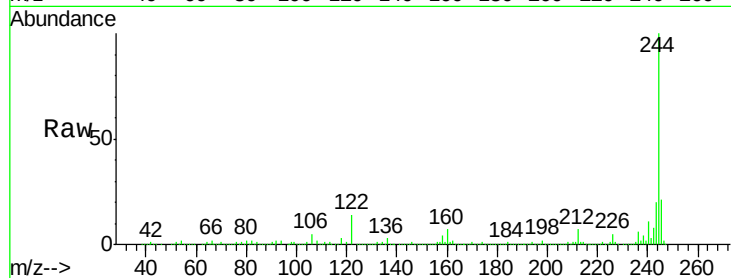




#78
 Terphenyl-d14
 Concen: 79.58 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF090542.D
 Acq: 12 Oct 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tot Ion:244 Resp: 2228861
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.8 10.2
 122 13.5 13.3 19.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF090542.D
 Acq: 12 Oct 2016 18:21

Tgt Ion:264 Resp: 491329
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.7 17.4 26.0

