

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091602.D
 Acq On : 14 Dec 2016 23:31
 Operator : UM/SJ
 Sample : H6006-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-10-15

Quant Time: Dec 15 02:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

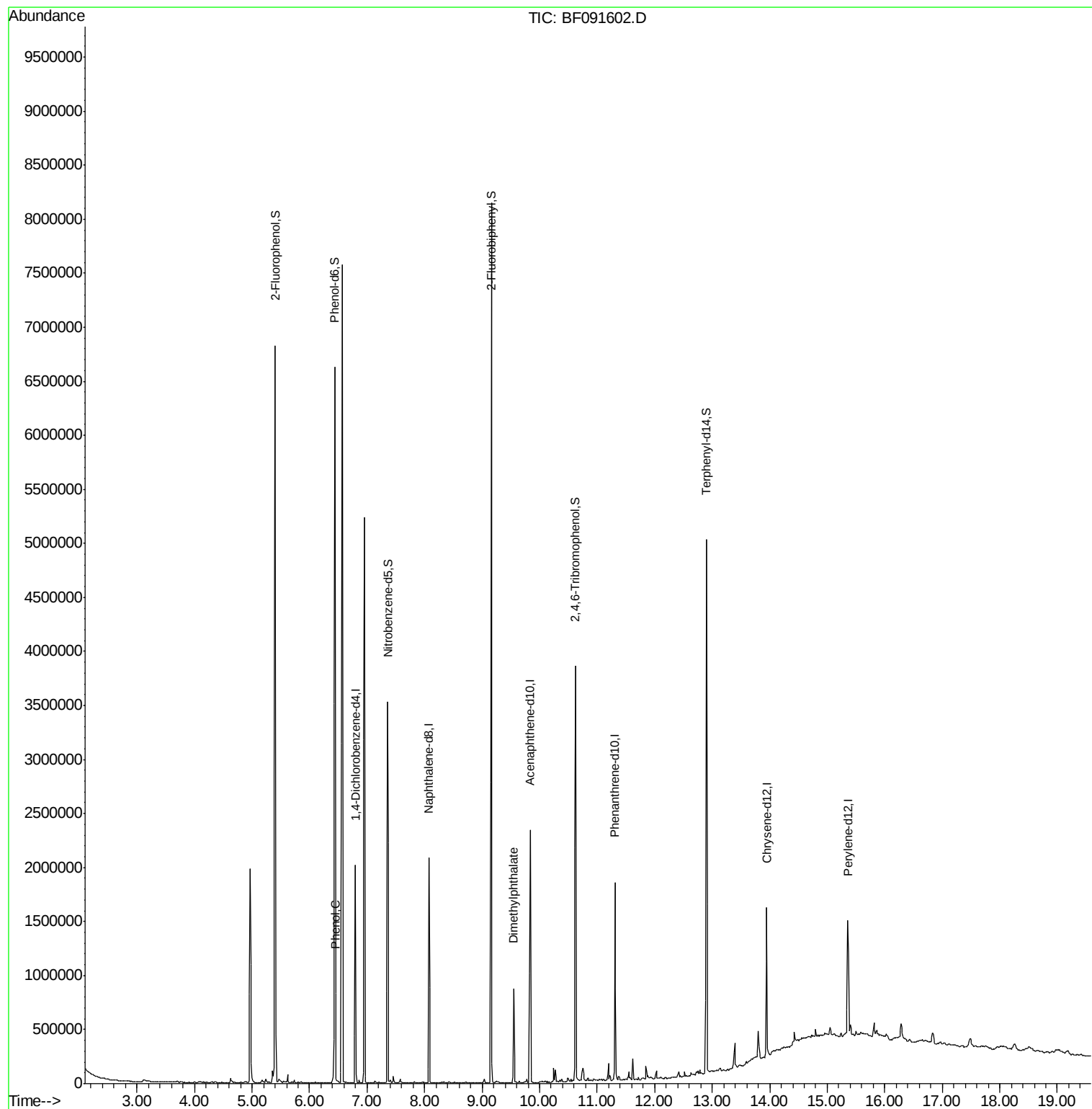
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	287919	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1067088	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	556060	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	759260	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	596824	20.00	ng	-0.01
86) Perylene-d12	15.36	264	552479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1944635	113.79	ng	-0.01
7) Phenol-d6	6.44	99	2508709	117.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1608981	84.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	518828	112.34	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2492762	77.46	ng	-0.02
78) Terphenyl-d14	12.90	244	1616391	61.46	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	196237	7.88	ng	76
49) Dimethylphthalate	9.55	163	352122	10.00	ng	99

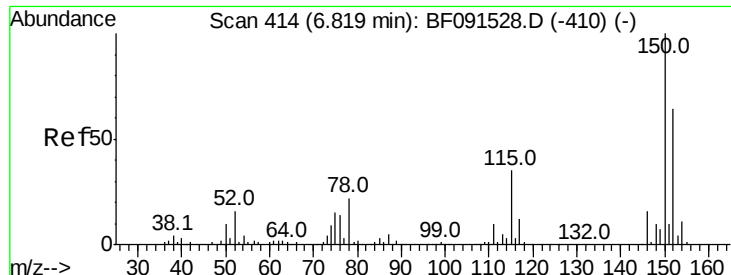
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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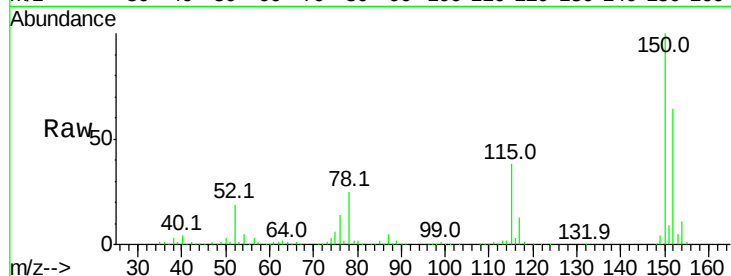


#1

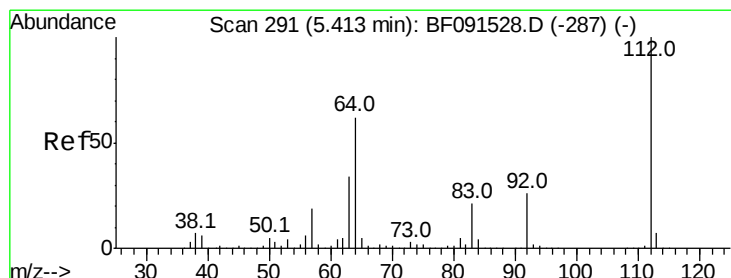
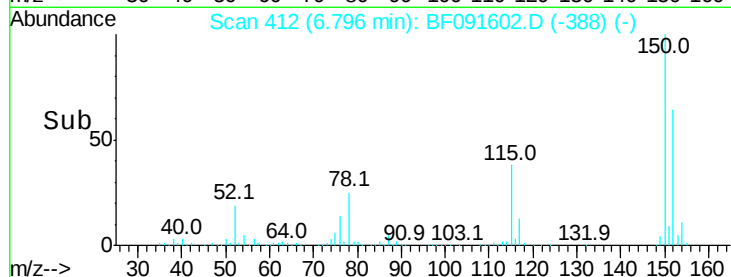
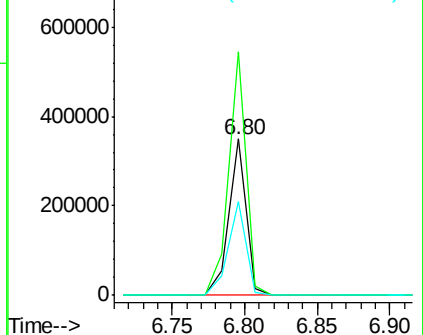
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: BF091602.D
 Acq: 14 Dec 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-10-15

Tot Ion:152 Resp: 287919
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.5 183.7
 115 59.8 51.8 77.8



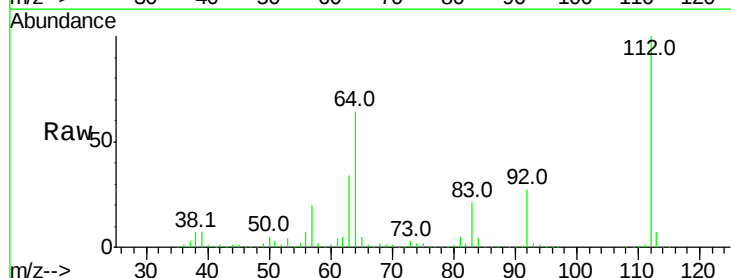
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



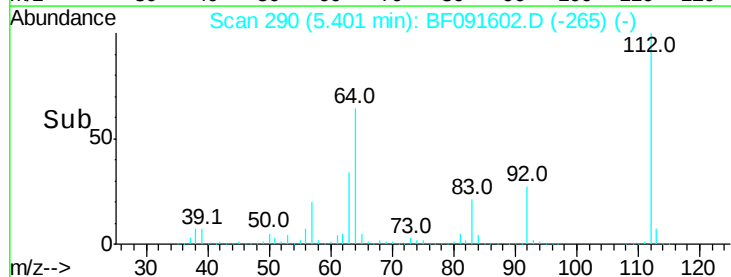
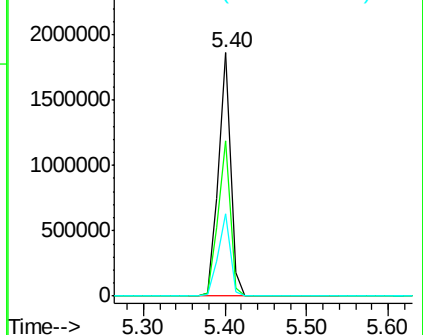
#5

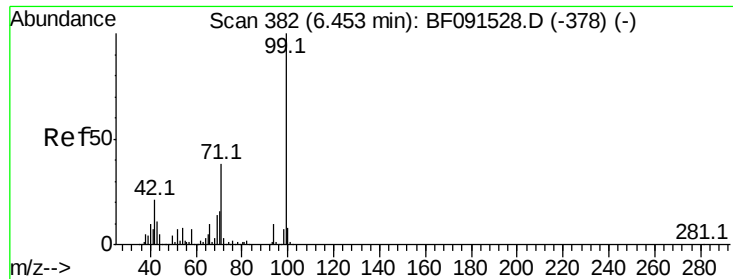
2-Fluorophenol
 Concen: 113.79 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: BF091602.D
 Acq: 14 Dec 2016 23:31

Tgt Ion:112 Resp: 1944635
 Ion Ratio Lower Upper
 112 100
 64 63.9 61.5 92.3
 63 33.7 33.3 49.9



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: 117.75 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

Instrument :

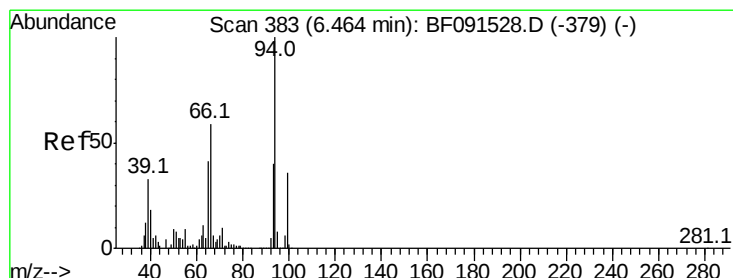
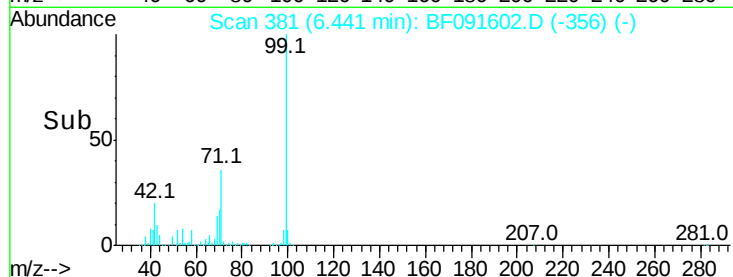
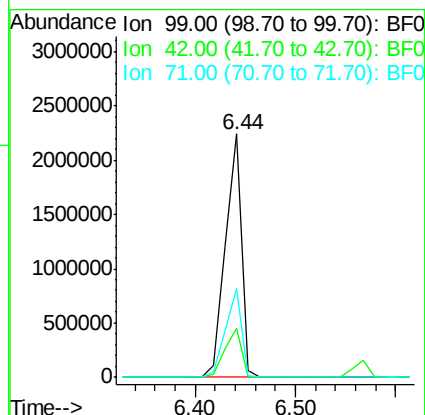
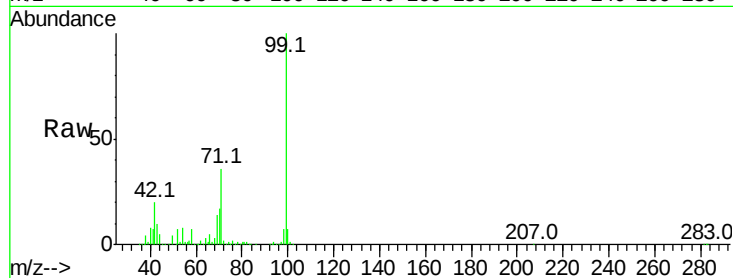
BNA_F

ClientSampleId :

WC-9-10-15

Tot Ion: 99 Resp: 2508709

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	36.3	29.9	44.9



#10

Phenol

Concen: 7.88 ng

RT: 6.45 min Scan# 382

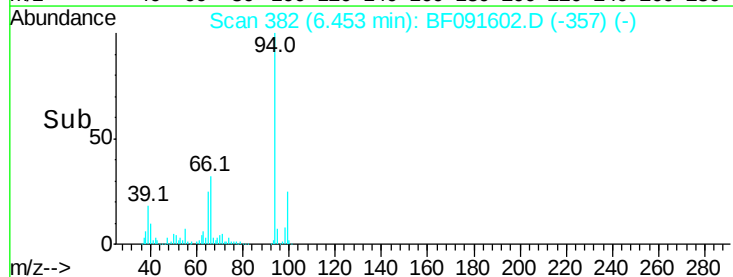
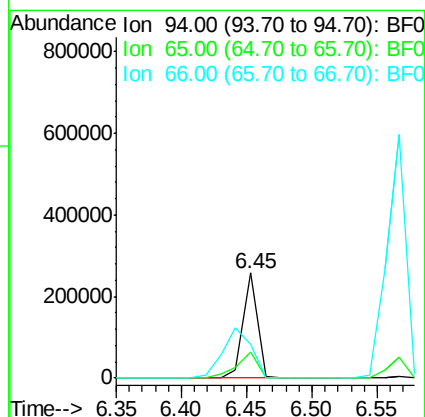
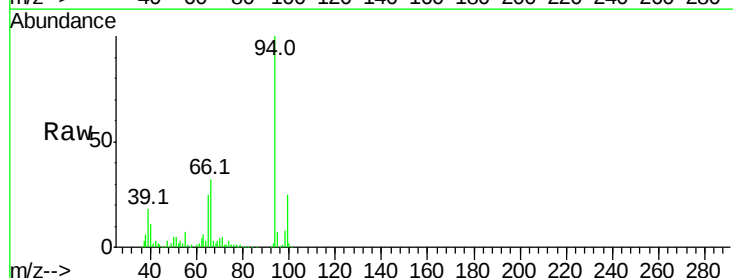
Delta R.T. -0.01 min

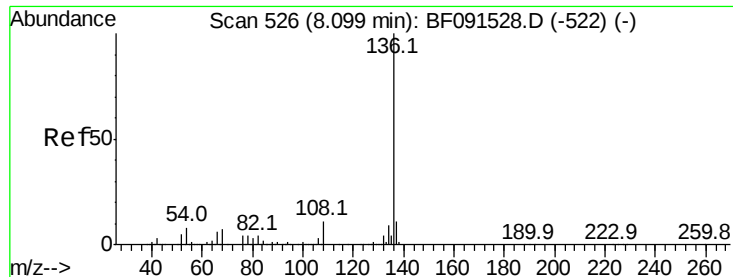
Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

Tgt Ion: 94 Resp: 196237

Ion	Ratio	Lower	Upper
94	100		
65	25.3	16.9	56.9
66	32.3	30.6	70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

Instrument :

BNA_F

ClientSampleId :

WC-9-10-15

Tot Ion:136 Resp: 1067088

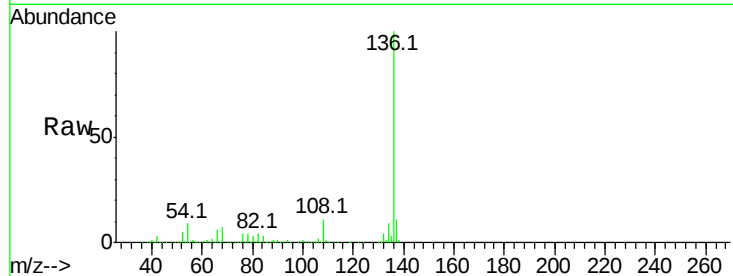
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.5 9.1 13.7

68 7.4 5.9 8.9

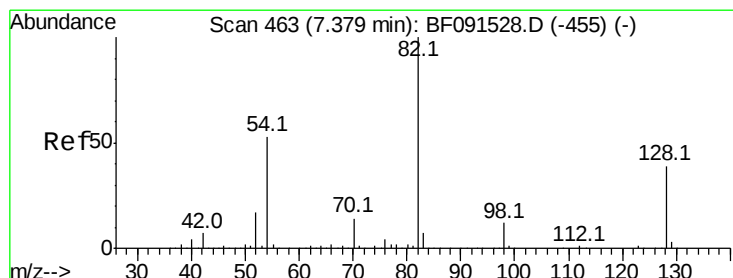
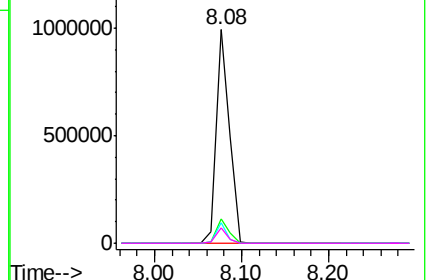
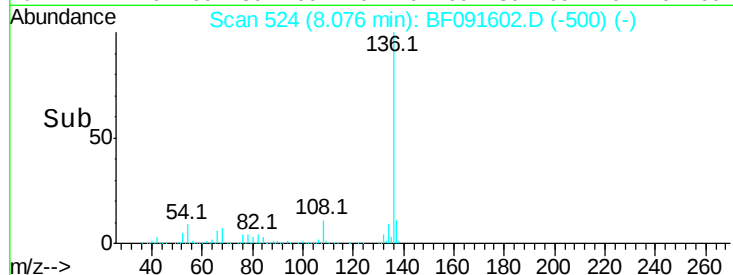


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.16 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

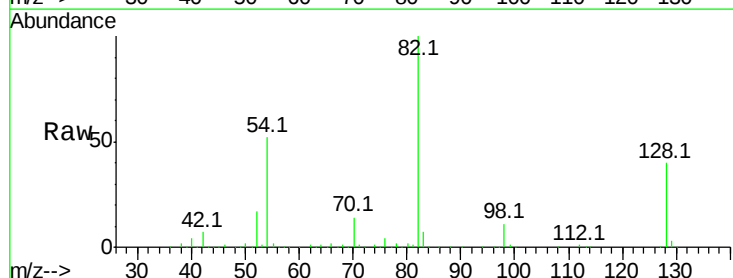
Tgt Ion: 82 Resp: 1608981

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

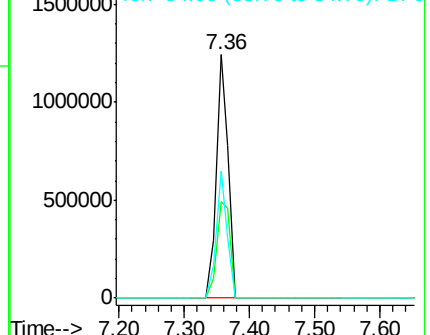
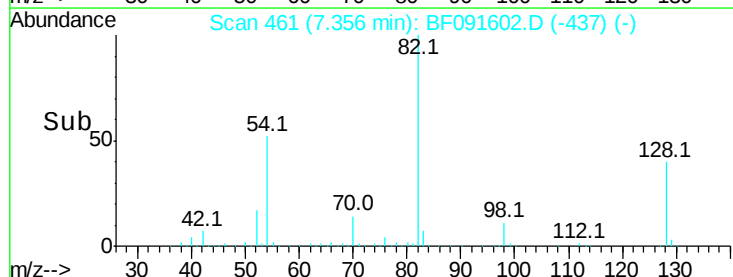
54 52.0 49.1 73.7

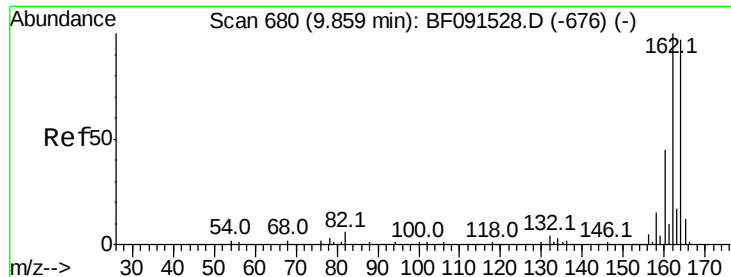


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

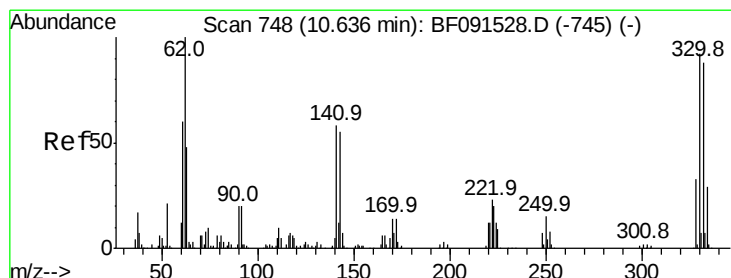
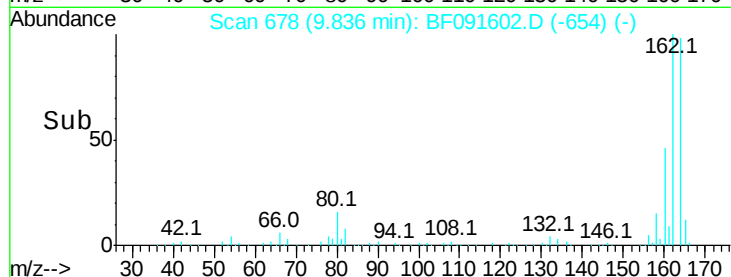
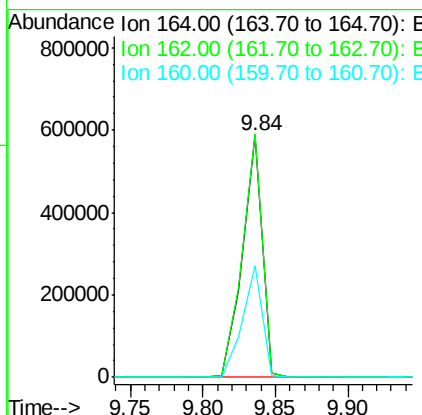
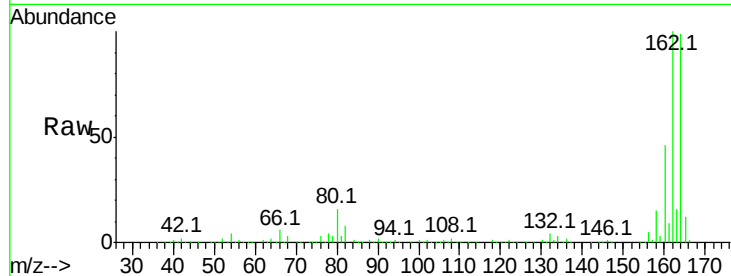




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091602.D
Acq: 14 Dec 2016 23:31

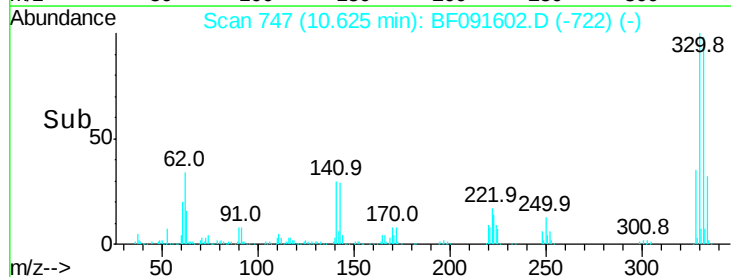
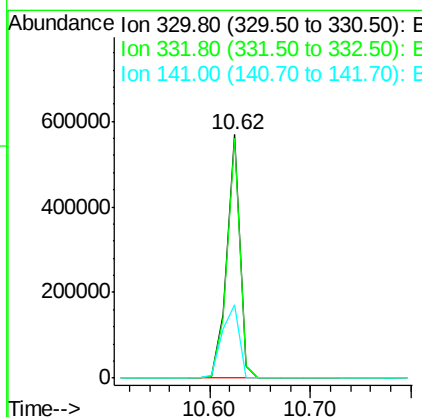
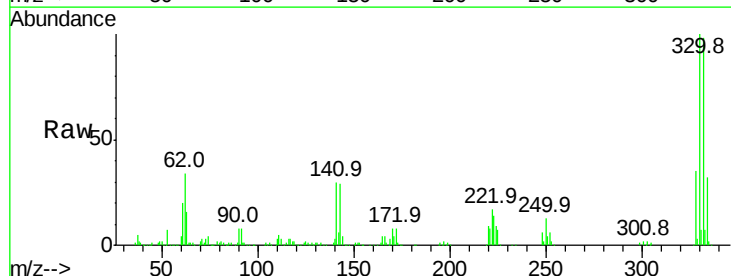
Instrument :
BNA_F
ClientSampleId :
WC-9-10-15

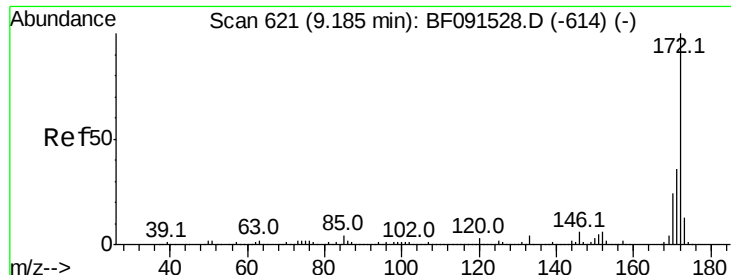
Tot Ion:164 Resp: 556060
Ion Ratio Lower Upper
164 100
162 100.6 82.6 124.0
160 46.1 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 112.34 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091602.D
Acq: 14 Dec 2016 23:31

Tgt Ion:330 Resp: 518828
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 39.1 33.6 50.4



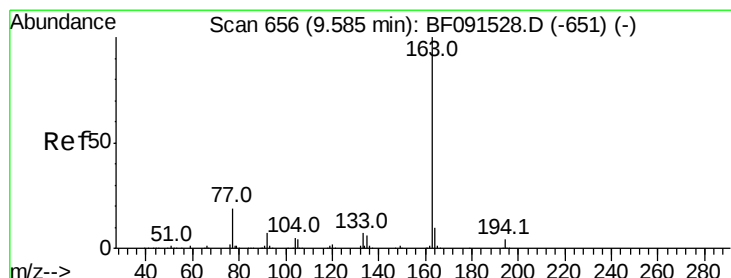
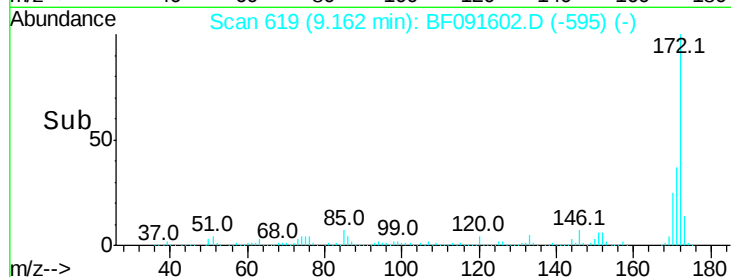
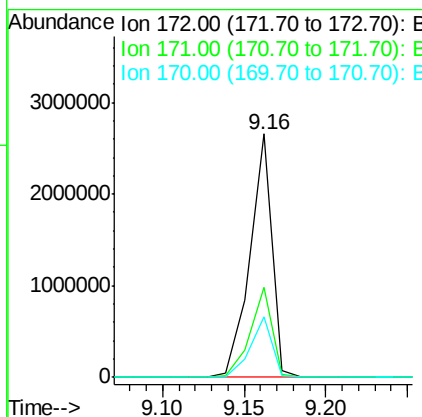
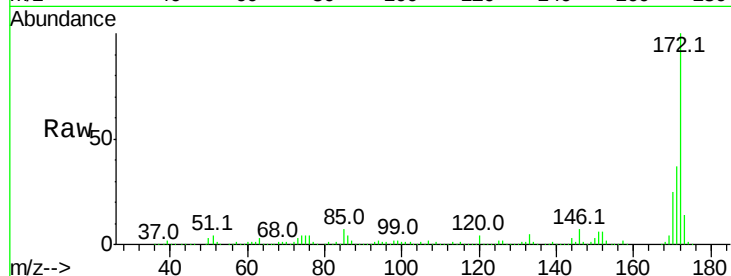


#44
 2-Fluorobiphenyl
 Concen: 77.46 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091602.D
 Acq: 14 Dec 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-10-15

Tot Ion:172 Resp: 2492762

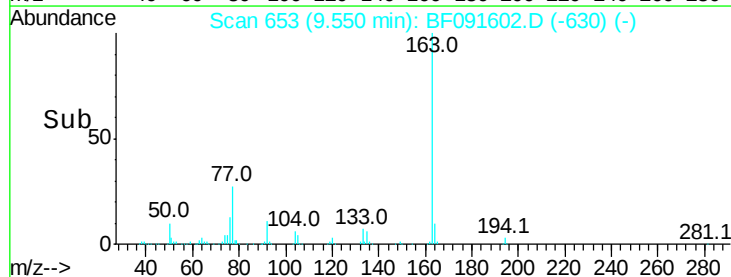
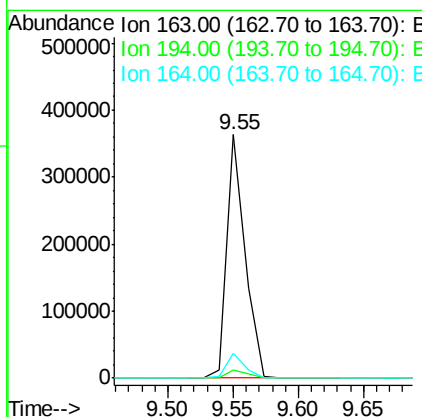
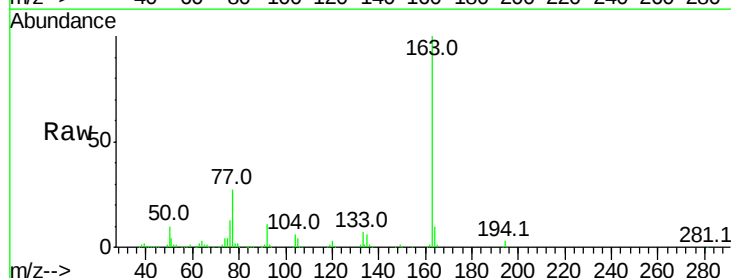
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	19.7	29.5

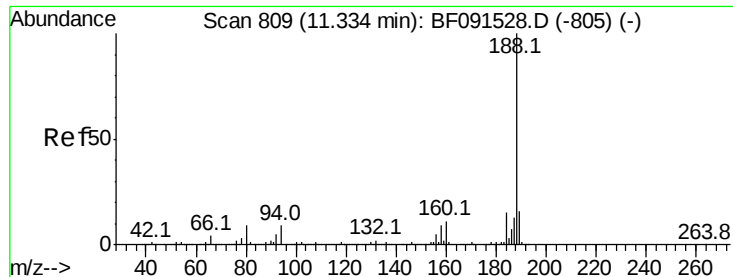


#49
 Dimethylphthalate
 Concen: 10.00 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.03 min
 Lab File: BF091602.D
 Acq: 14 Dec 2016 23:31

Tgt Ion:163 Resp: 352122

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.2	7.8	11.8

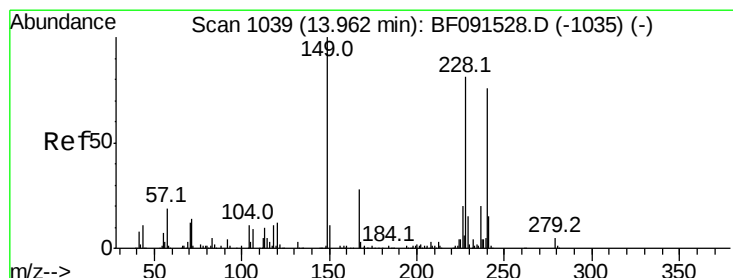
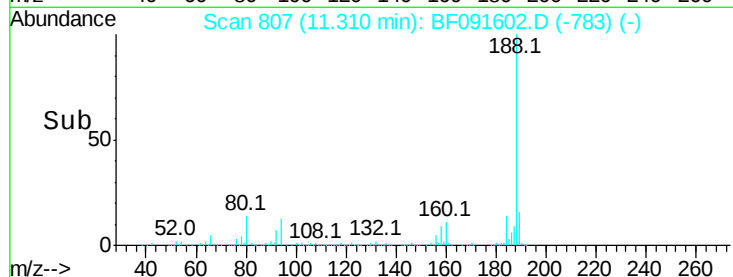
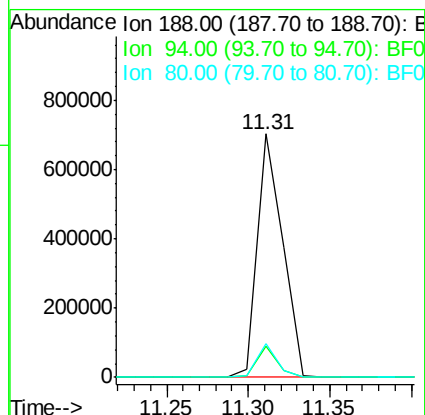
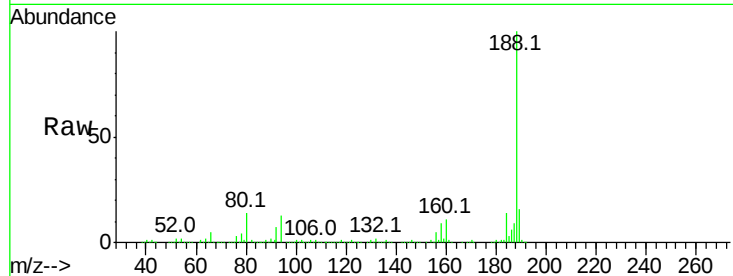




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091602.D
Acq: 14 Dec 2016 23:31

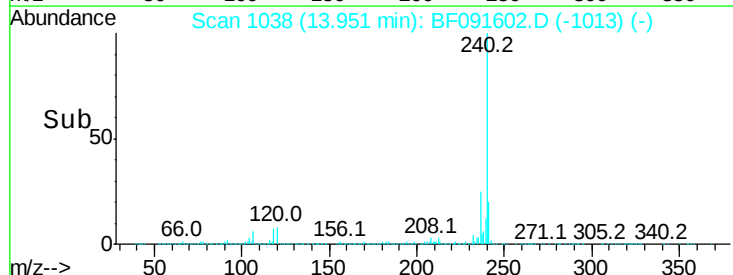
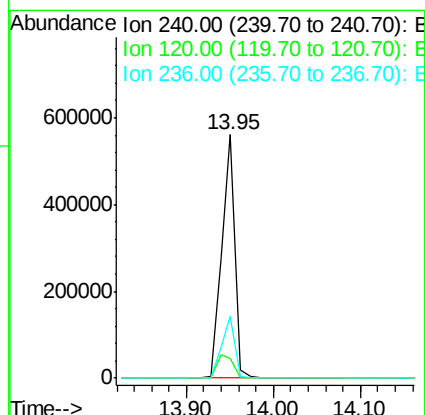
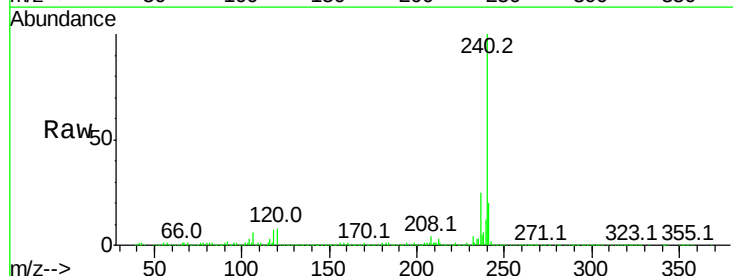
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BNA_F
ClientSampleId :
WC-9-10-15

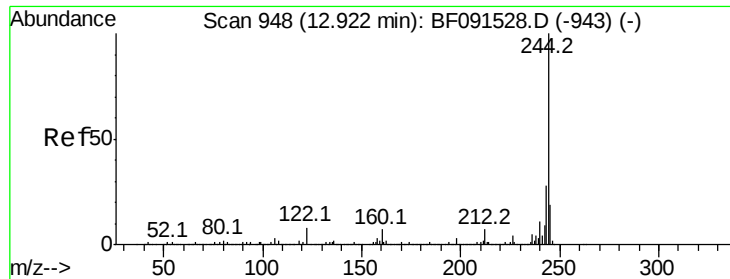
Tot Ion:188 Resp: 759260
Ion Ratio Lower Upper
188 100
94 12.8 9.2 13.8
80 13.9 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091602.D
Acq: 14 Dec 2016 23:31

Tgt Ion:240 Resp: 596824
Ion Ratio Lower Upper
240 100
120 8.2 12.1 18.1#
236 25.2 21.0 31.6





#78

Terphenyl-d14

Concen: 61.46 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

Instrument :

BNA_F

ClientSampleId :

WC-9-10-15

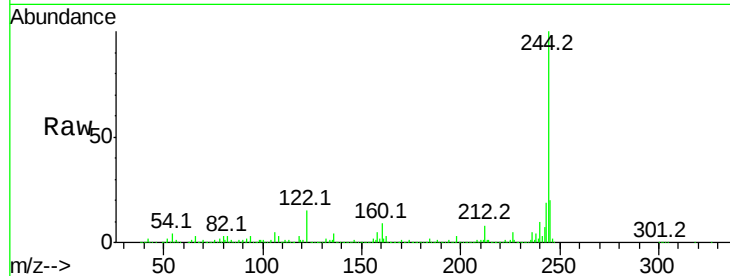
Tot Ion:244 Resp: 1616391

Ion Ratio Lower Upper

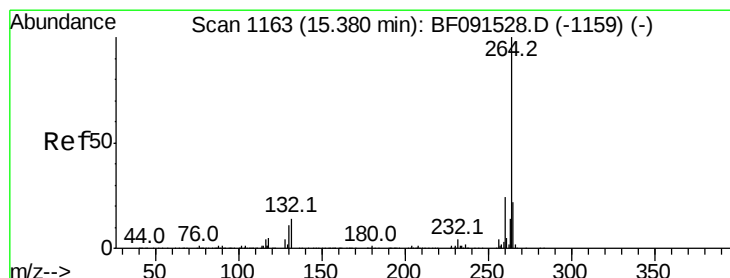
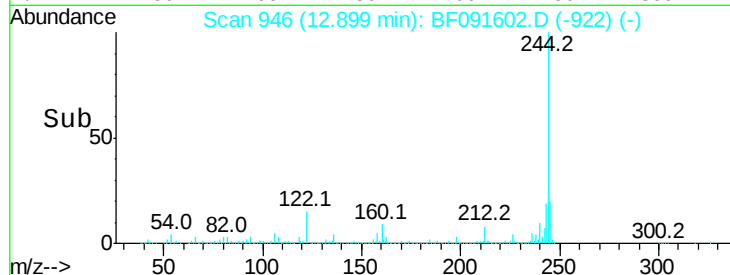
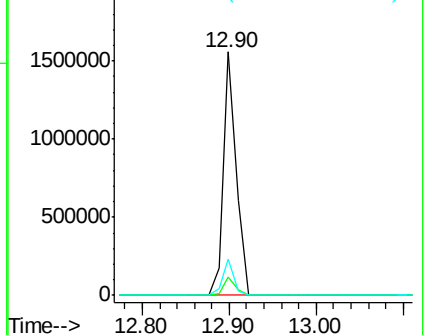
244 100

212 7.6 6.5 9.7

122 14.8 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091602.D

Acq: 14 Dec 2016 23:31

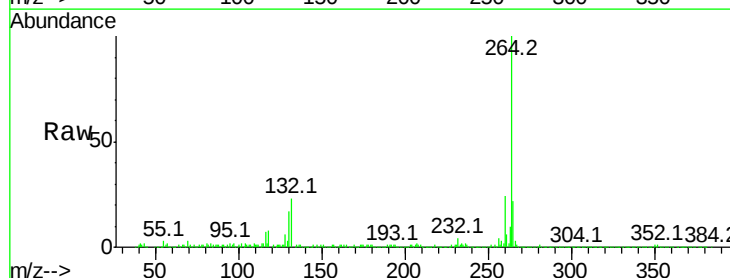
Tgt Ion:264 Resp: 552479

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

