

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091606.D
 Acq On : 15 Dec 2016 1:21
 Operator : UM/SJ
 Sample : H6007-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-10-15

Quant Time: Dec 15 02:27:21 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

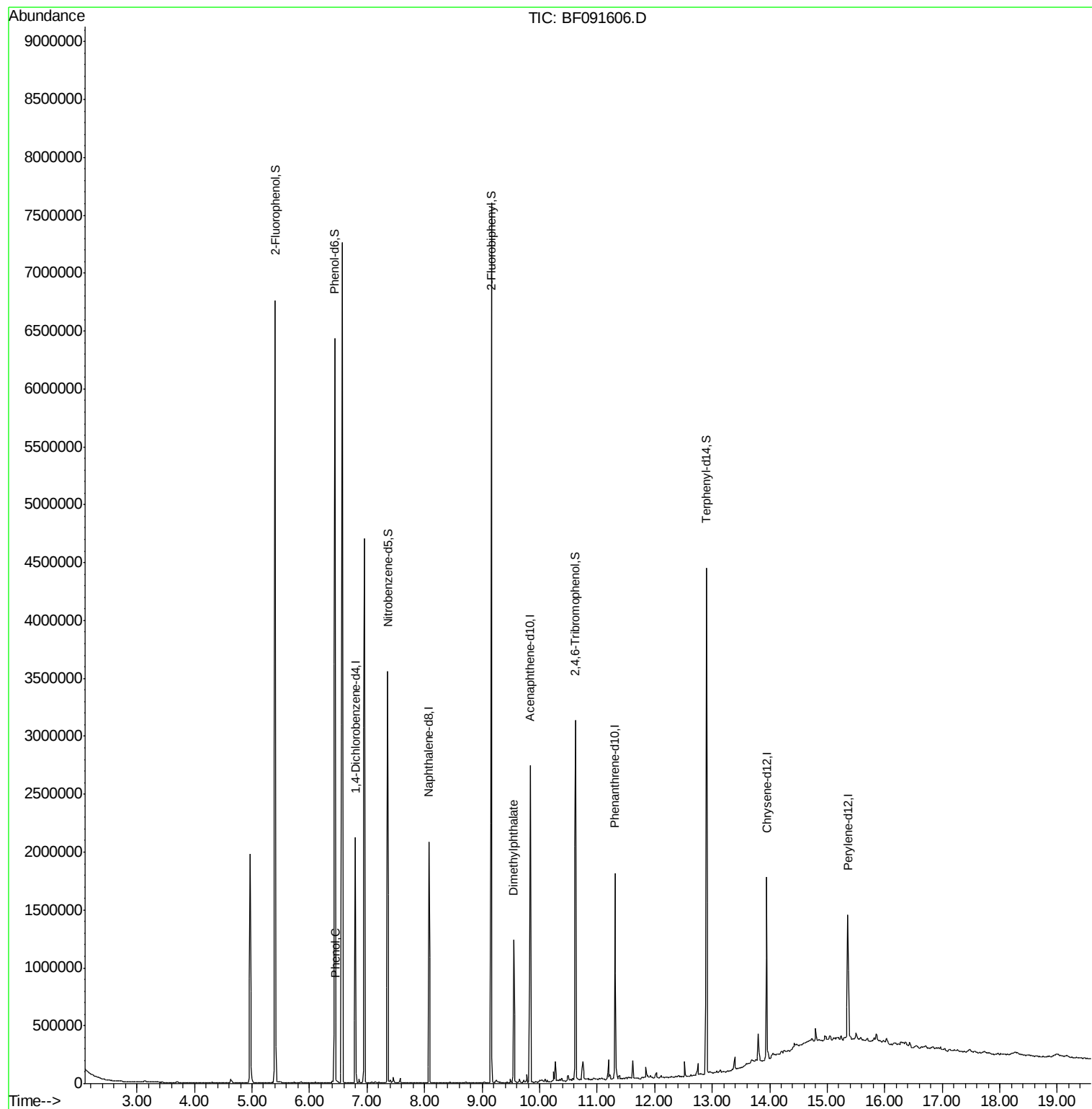
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	313928	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1144184	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	598993	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	757244	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	648938	20.00	ng	-0.01
86) Perylene-d12	15.36	264	533545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1899218	101.92	ng	-0.01
7) Phenol-d6	6.44	99	2516071	108.31	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1452394	70.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	461340	92.73	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2262003	65.25	ng	-0.02
78) Terphenyl-d14	12.90	244	1467818	51.33	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	130134	4.79	ng	74
49) Dimethylphthalate	9.55	163	583404	15.38	ng	98

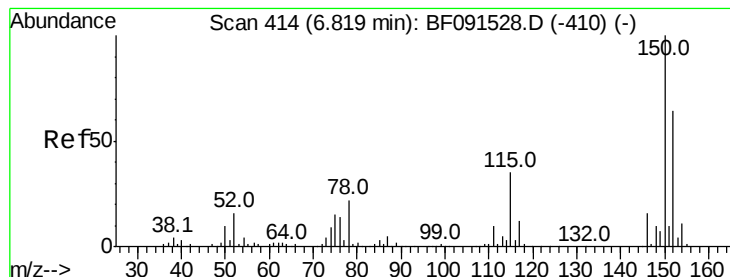
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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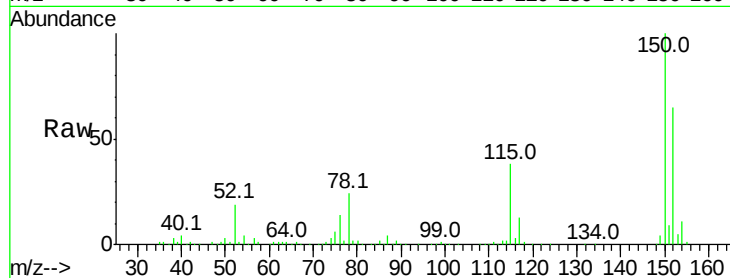


#1

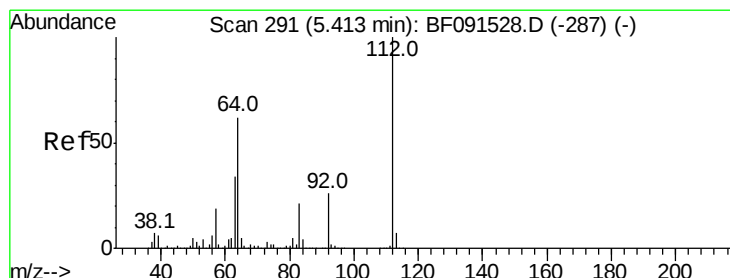
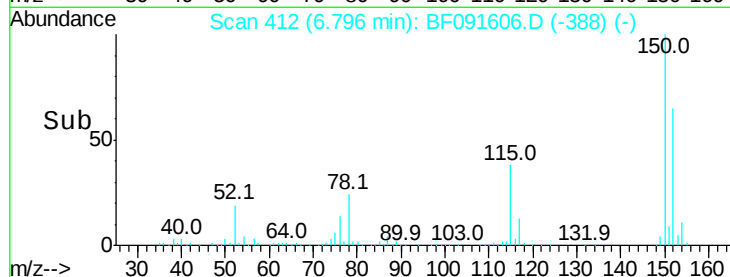
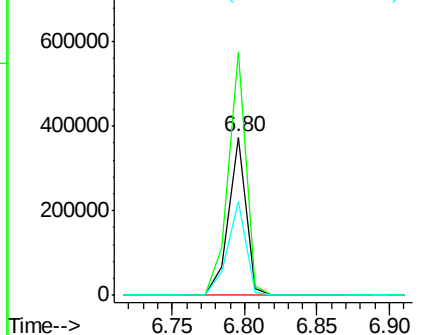
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

Instrument :
BNA_F
ClientSampleId :
WC-11-10-15

Tot Ion:152 Resp: 313928
Ion Ratio Lower Upper
152 100
150 154.0 122.5 183.7
115 59.1 51.8 77.8



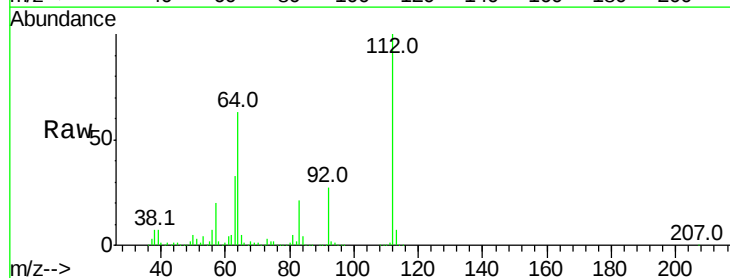
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



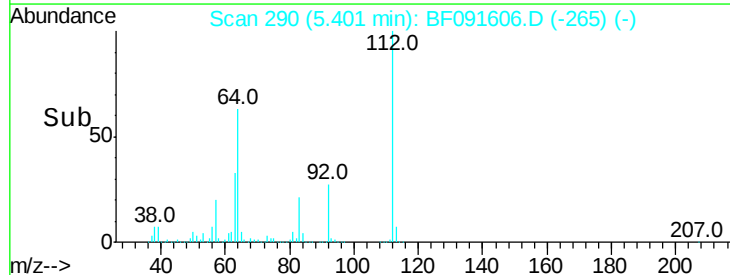
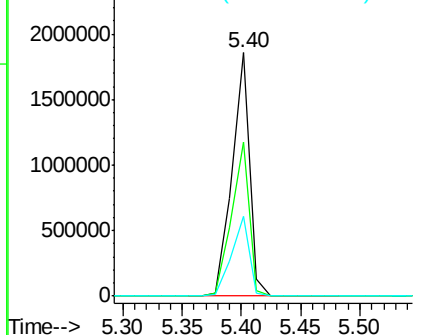
#5

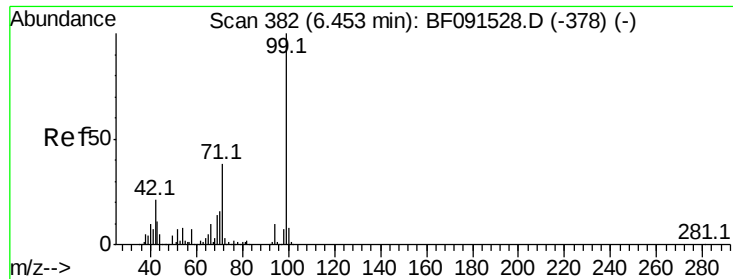
2-Fluorophenol
Concen: 101.92 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

Tgt Ion:112 Resp: 1899218
Ion Ratio Lower Upper
112 100
64 63.5 61.5 92.3
63 32.8 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: 108.31 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

Instrument :

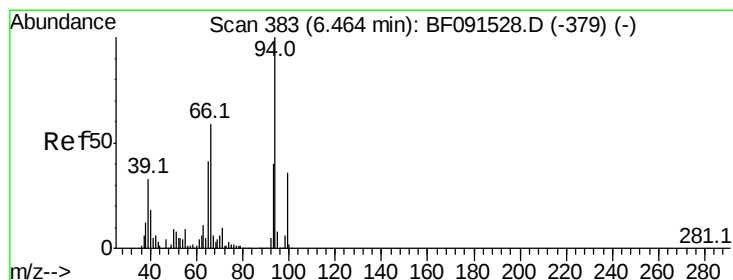
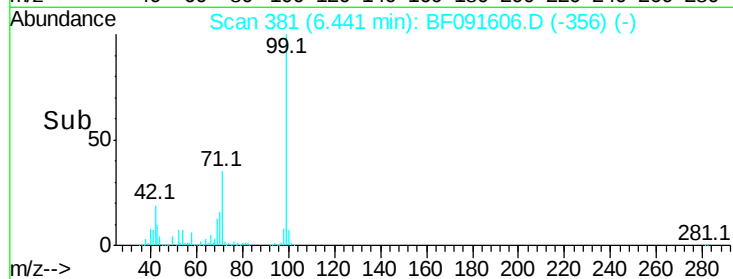
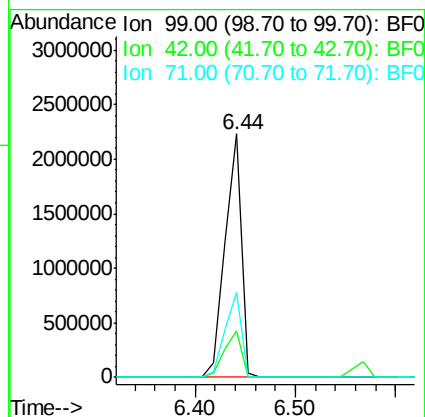
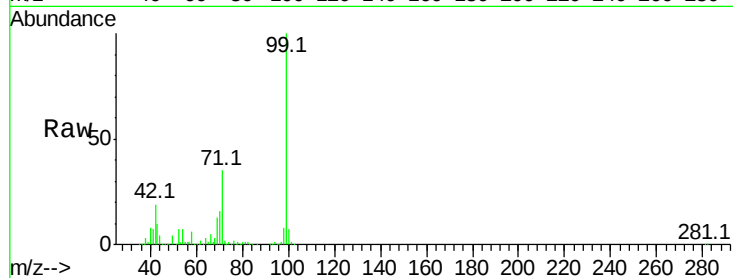
BNA_F

ClientSampleId :

WC-11-10-15

Tot Ion: 99 Resp: 2516071

Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.6	31.0#
71	34.8	29.9	44.9



#10

Phenol

Concen: 4.79 ng

RT: 6.45 min Scan# 382

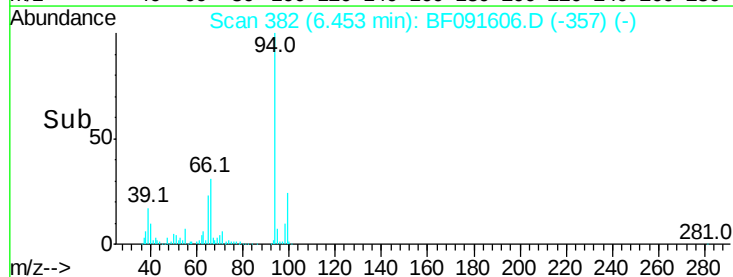
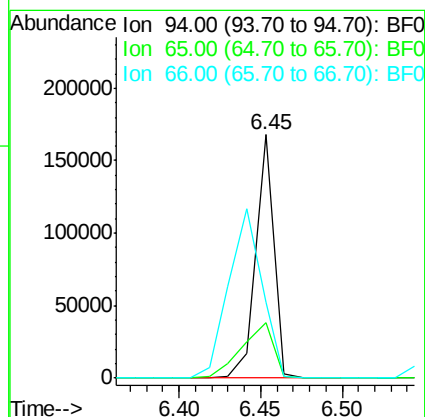
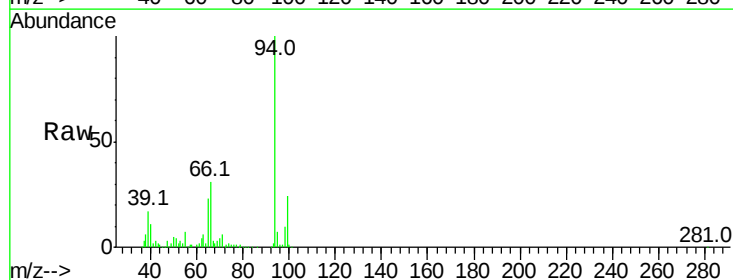
Delta R.T. -0.01 min

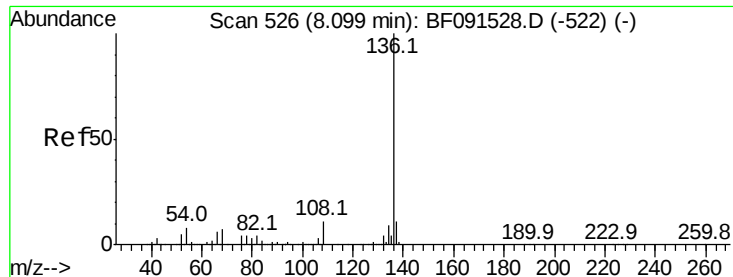
Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

Tgt Ion: 94 Resp: 130134

Ion	Ratio	Lower	Upper
94	100		
65	22.9	16.9	56.9
66	31.3	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: BF091606.D

Acq: 15 Dec 2016 1:21

Instrument :

BNA_F

ClientSampleId :

WC-11-10-15

Tot Ion:136 Resp: 1144184

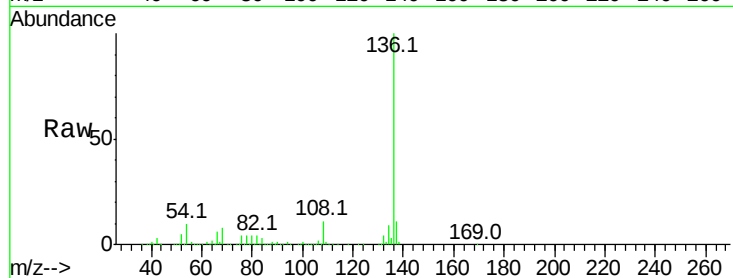
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.0 9.1 13.7

68 7.6 5.9 8.9

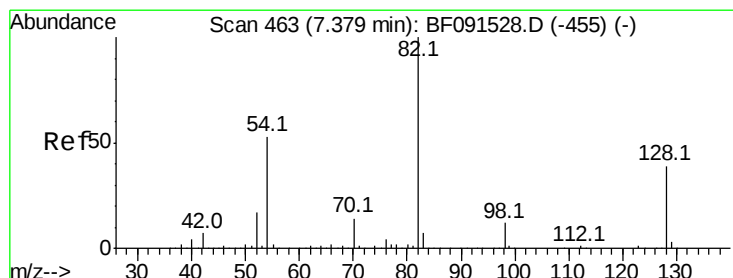
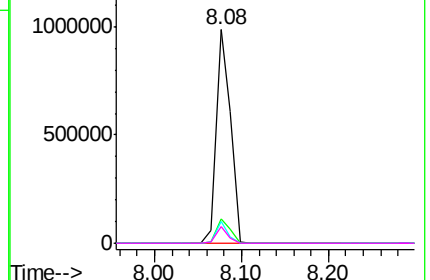
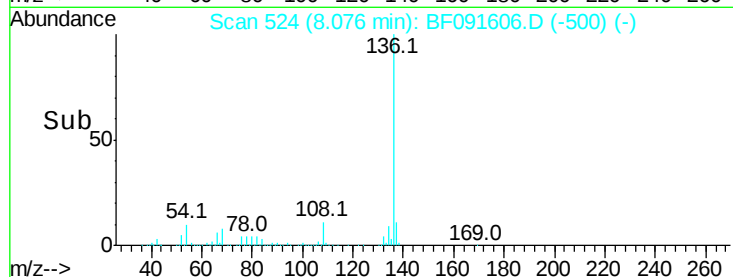


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.85 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

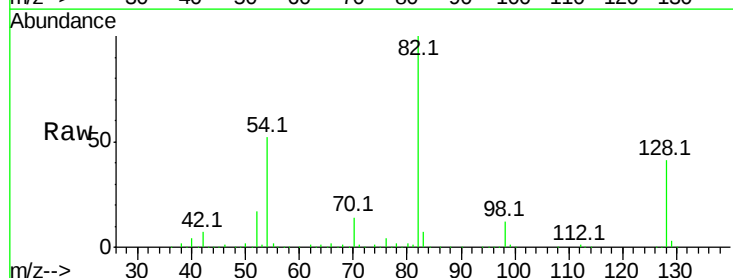
Tgt Ion: 82 Resp: 1452394

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

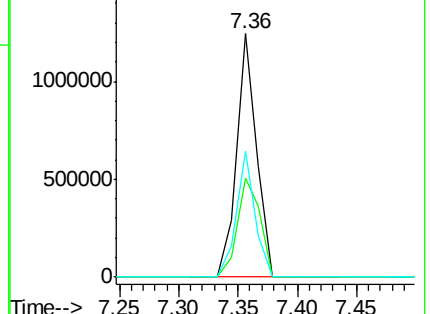
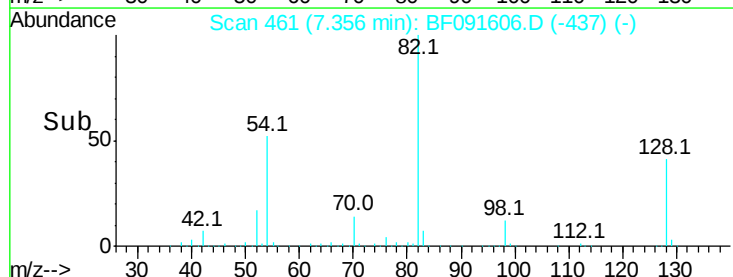
54 51.8 49.1 73.7

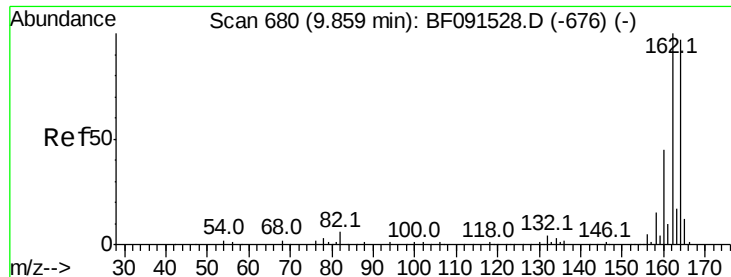


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

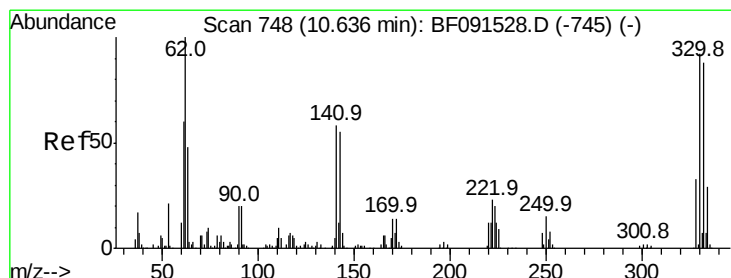
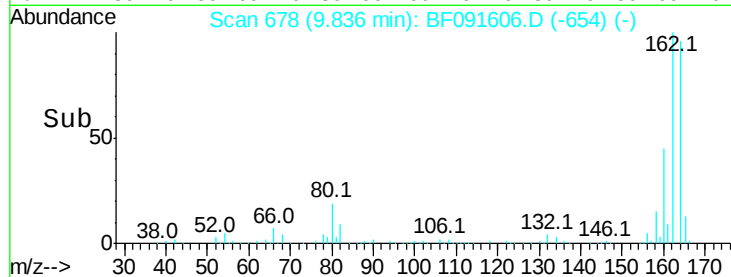
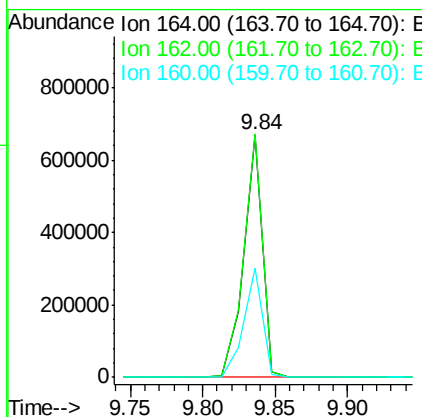
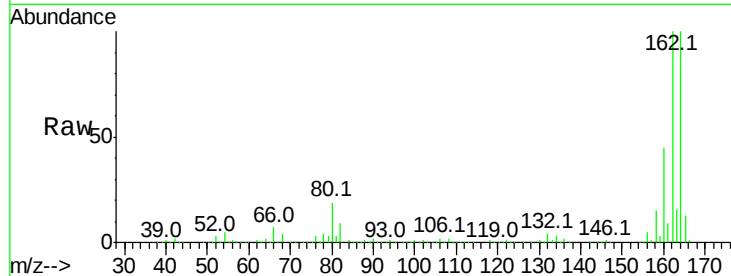




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

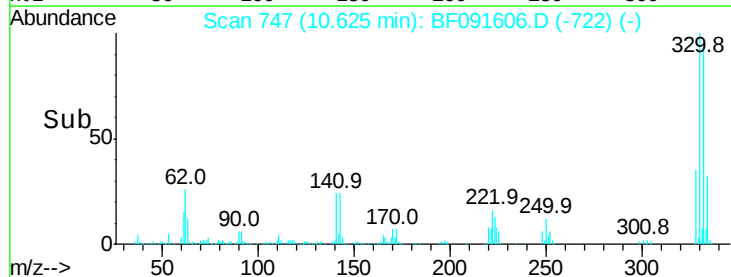
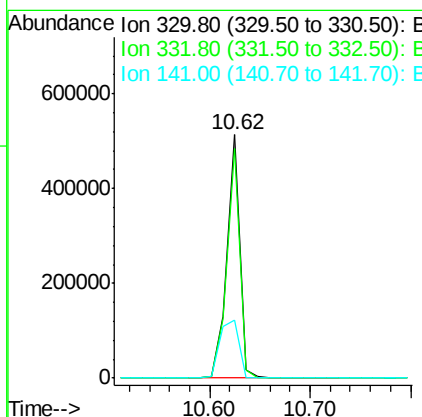
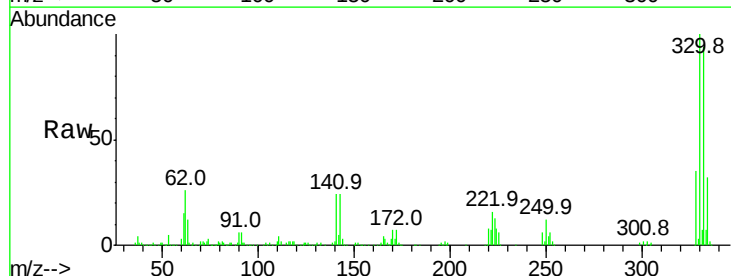
Instrument :
BNA_F
ClientSampleId :
WC-11-10-15

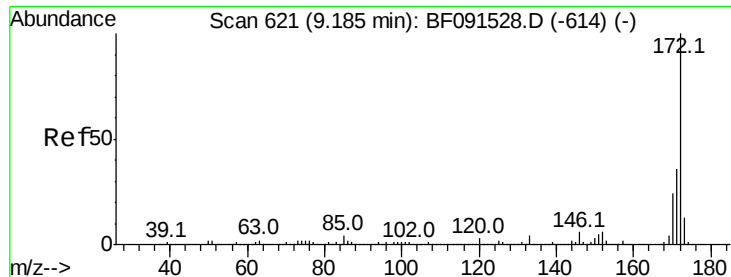
Tot Ion:164 Resp: 598993
Ion Ratio Lower Upper
164 100
162 100.2 82.6 124.0
160 45.0 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 92.73 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

Tgt Ion:330 Resp: 461340
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 36.3 33.6 50.4





#44

2-Fluorobiphenyl

Concen: 65.25 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

Instrument :

BNA_F

ClientSampleId :

WC-11-10-15

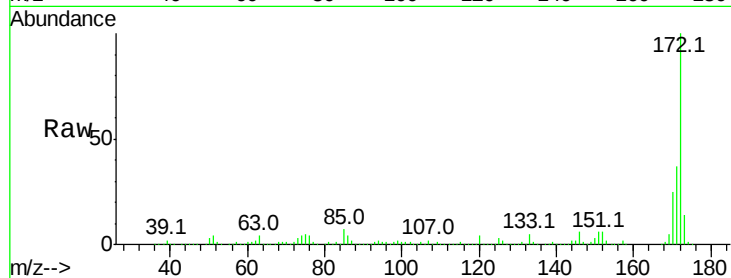
Tot Ion:172 Resp: 2262003

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

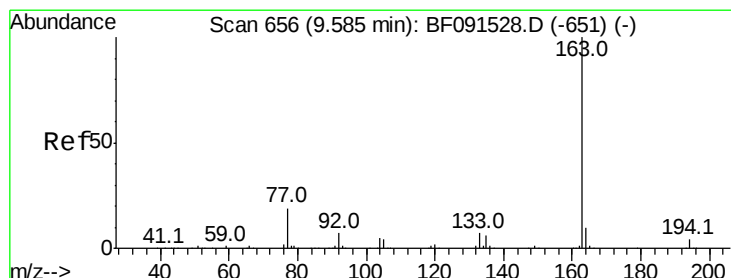
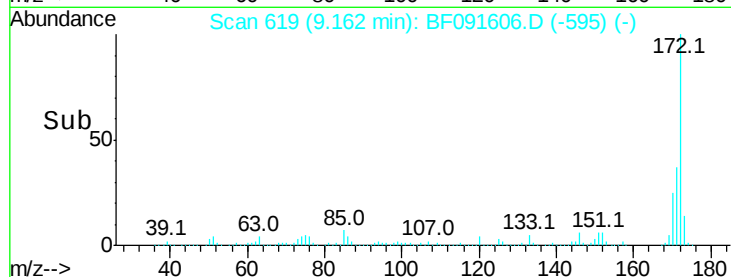
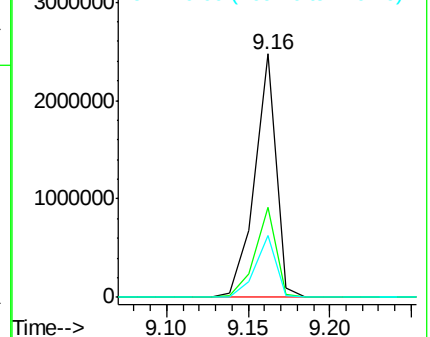
170 25.3 19.7 29.5



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: 15.38 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.03 min

Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

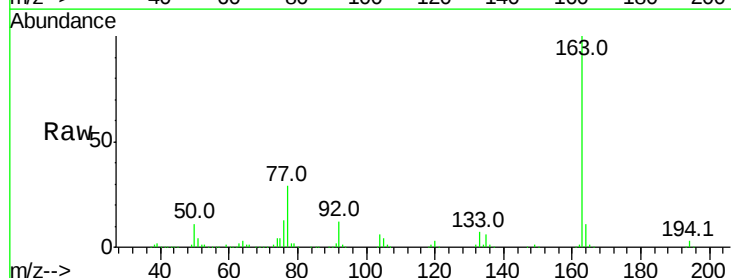
Tgt Ion:163 Resp: 583404

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

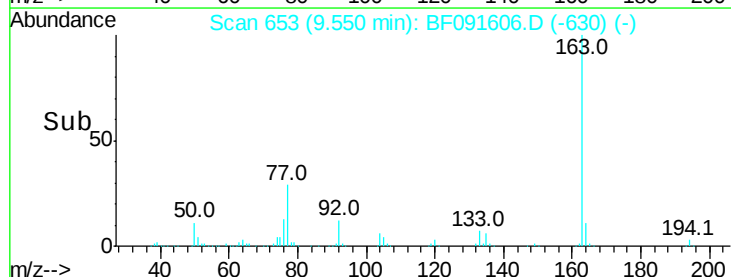
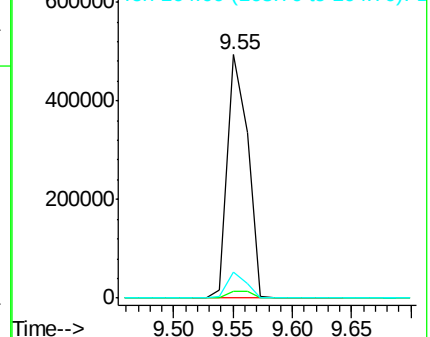
164 10.5 7.8 11.8

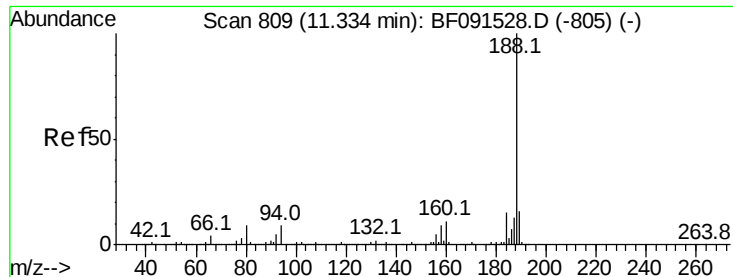


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

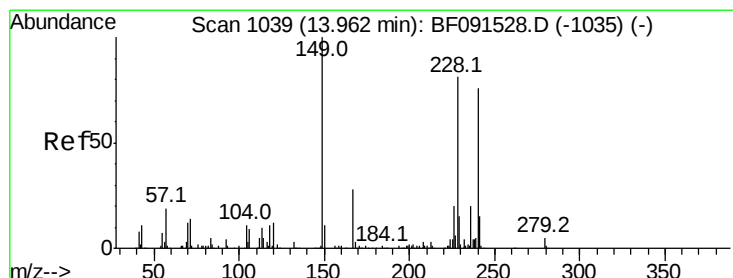
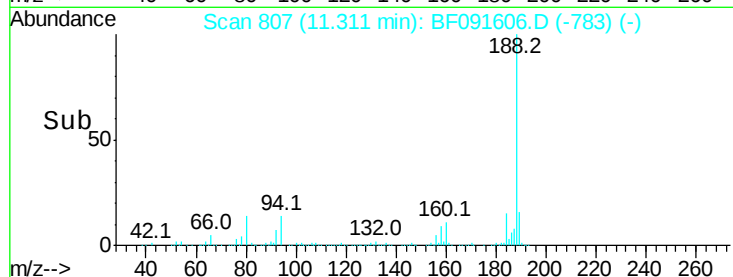
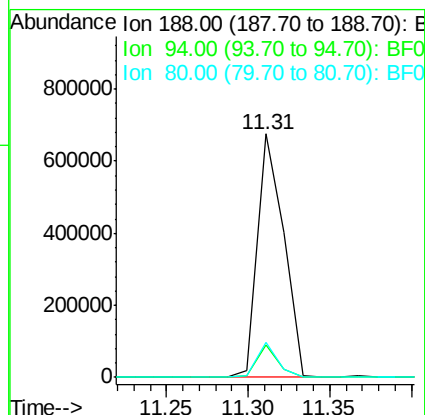
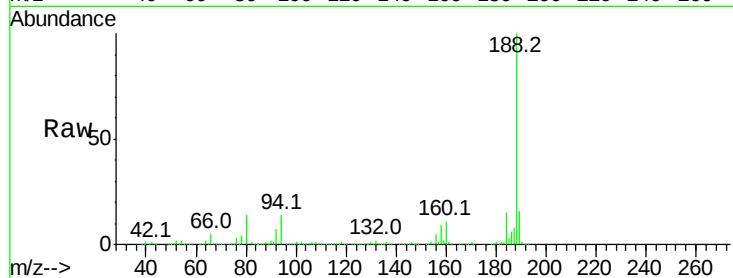




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

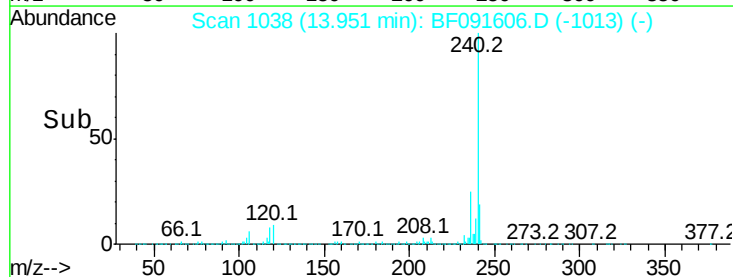
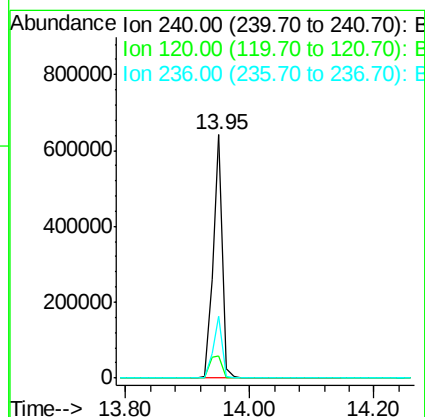
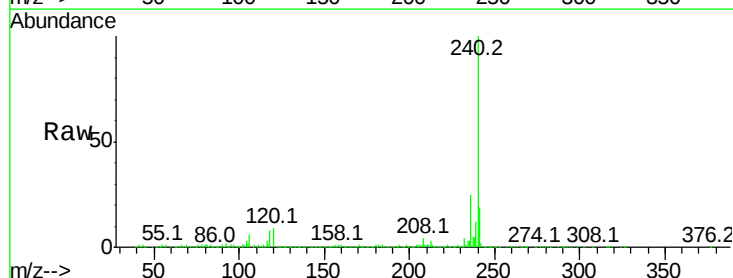
Instrument :
BNA_F
ClientSampleId :
WC-11-10-15

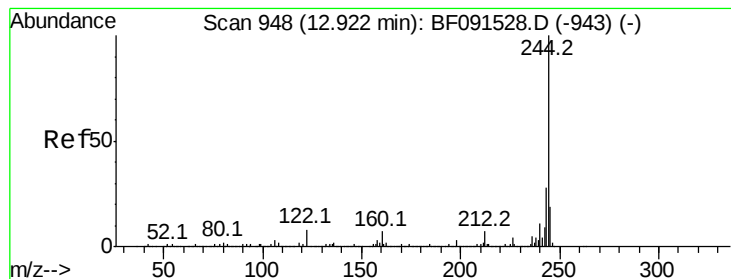
Tot Ion:188 Resp: 757244
Ion Ratio Lower Upper
188 100
94 13.6 9.2 13.8
80 14.1 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091606.D
Acq: 15 Dec 2016 1:21

Tgt Ion:240 Resp: 648938
Ion Ratio Lower Upper
240 100
120 9.0 12.1 18.1#
236 25.3 21.0 31.6





#78

Terphenyl-d14

Concen: 51.33 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091606.D

Acq: 15 Dec 2016 1:21

Instrument :

BNA_F

ClientSampleId :

WC-11-10-15

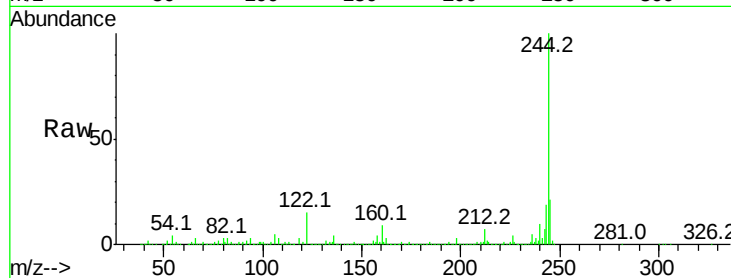
Tot Ion:244 Resp: 1467818

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

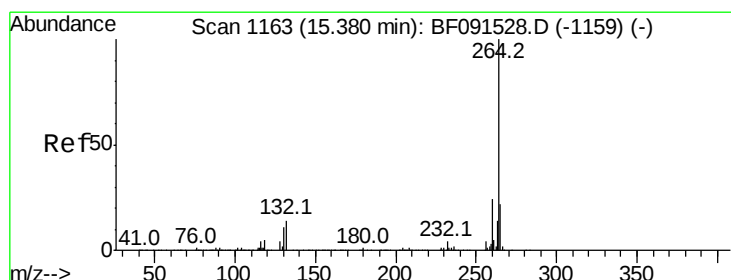
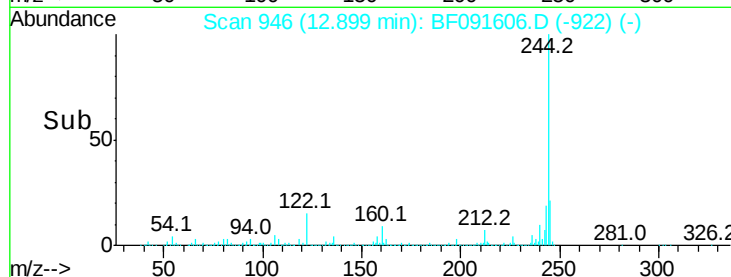
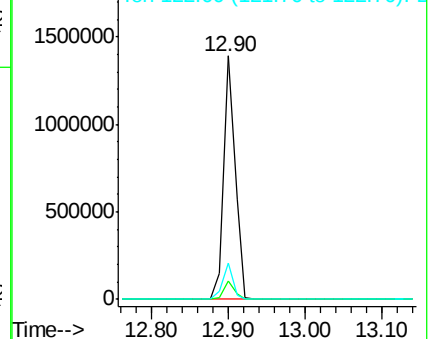
122 14.9 9.5 14.3#



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: BF091606.D

Acq: 15 Dec 2016 1:21

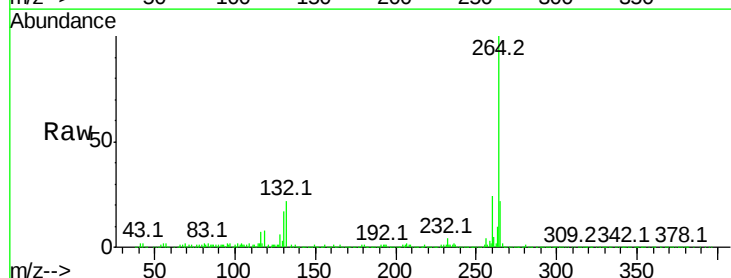
Tgt Ion:264 Resp: 533545

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 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

