

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091557.D
 Acq On : 13 Dec 2016 16:45
 Operator : UM/SJ
 Sample : H6009-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1M-AGG-HP-03

Quant Time: Dec 14 00:55:33 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

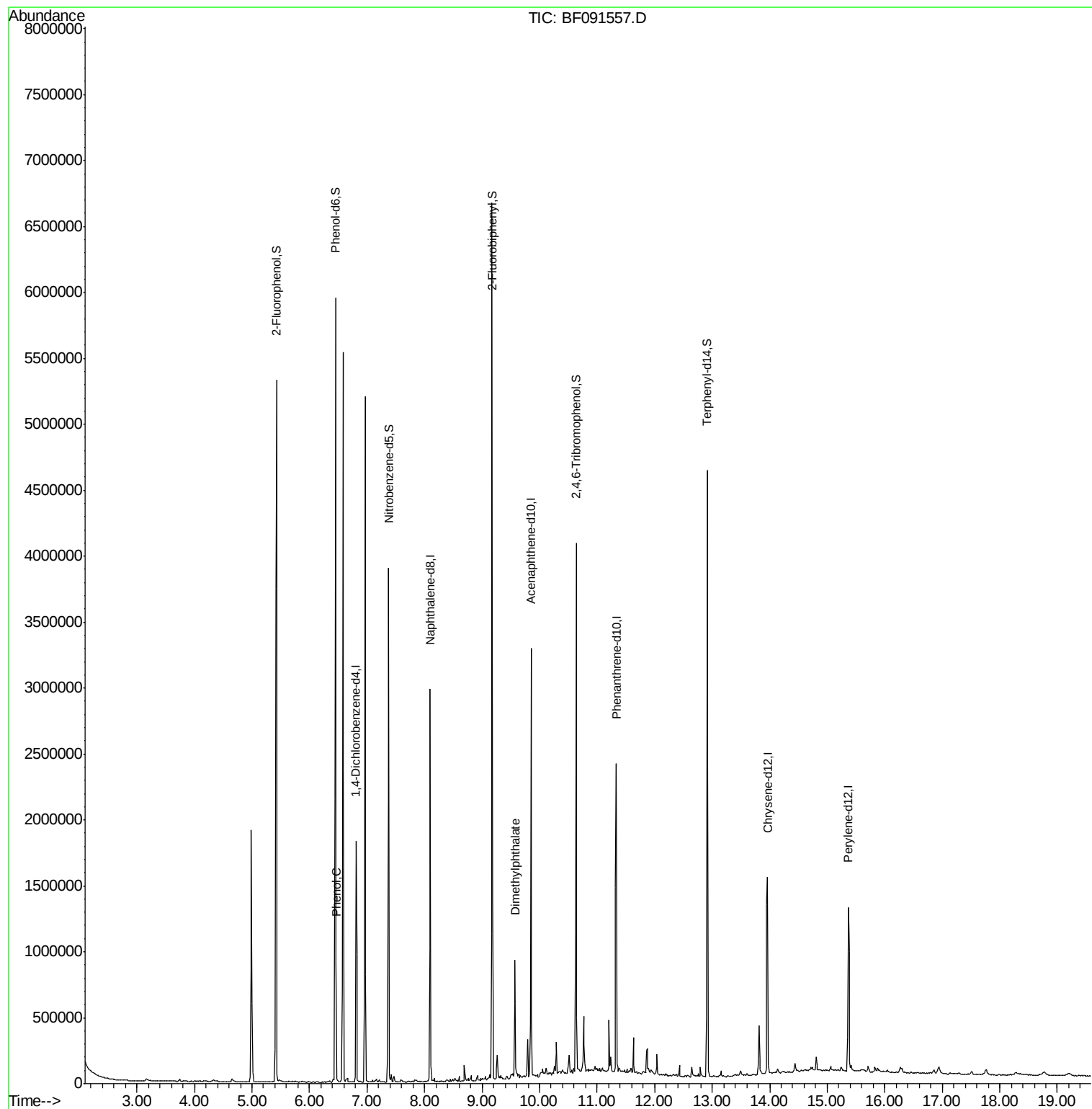
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	322069	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1366268	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	641362	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1058541	20.00	ng	0.00
75) Chrysene-d12	13.96	240	741680	20.00	ng	0.00
86) Perylene-d12	15.37	264	638330	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1859139	97.25	ng	0.01
7) Phenol-d6	6.45	99	2012784	84.46	ng	0.00
23) Nitrobenzene-d5	7.38	82	1520625	62.12	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	434966	81.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2075341	55.91	ng	-0.01
78) Terphenyl-d14	12.91	244	1852014	56.66	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	157780	5.66	ng	82
49) Dimethylphthalate	9.57	163	459903	11.32	ng	99

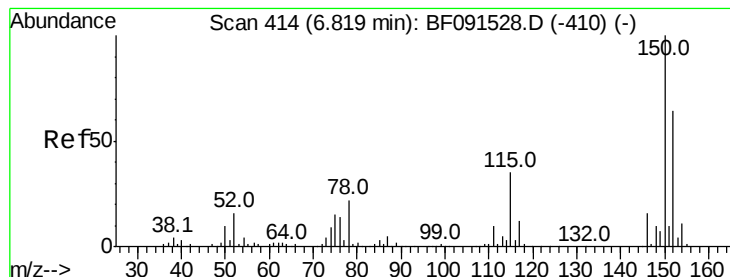
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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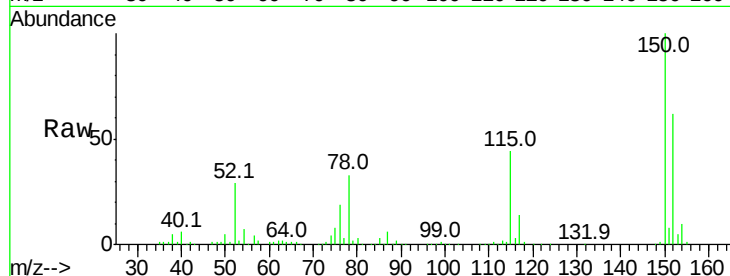


#1

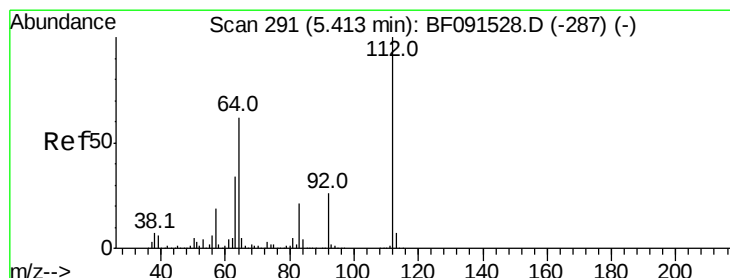
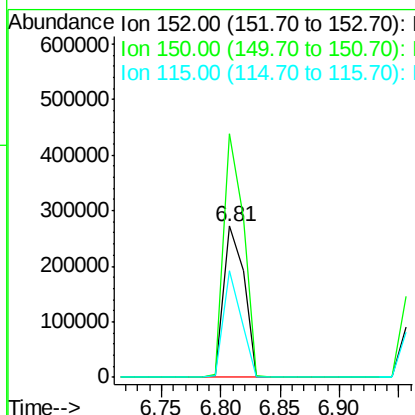
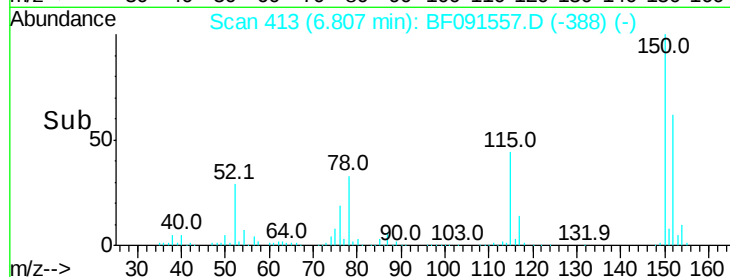
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tot Ion:152 Resp: 322069
Ion Ratio Lower Upper
152 100
150 161.0 122.5 183.7
115 70.5 51.8 77.8



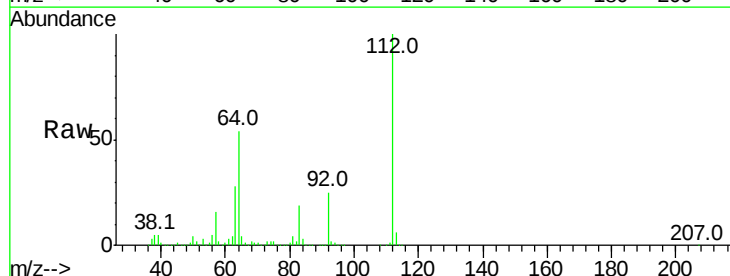
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



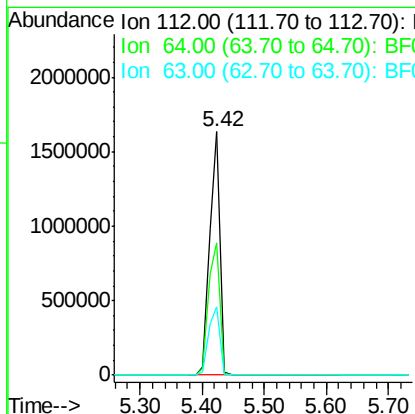
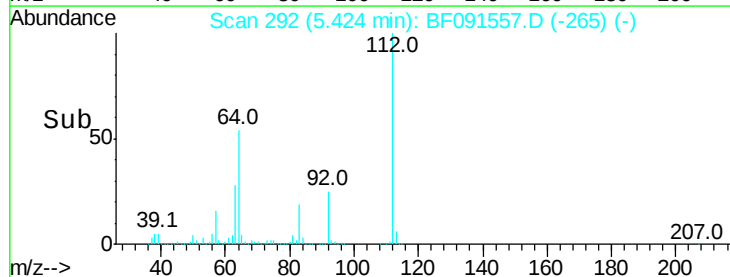
#5

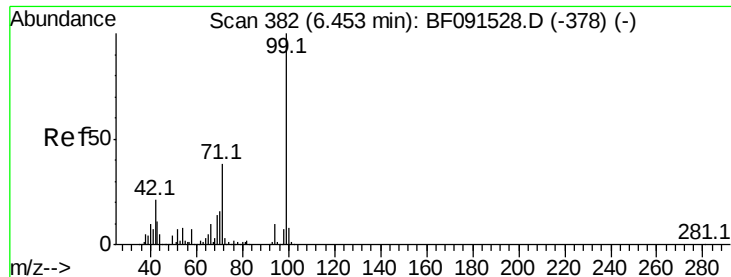
2-Fluorophenol
Concen: 97.25 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:112 Resp: 1859139
Ion Ratio Lower Upper
112 100
64 54.4 61.5 92.3#
63 27.8 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: 84.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

Instrument :

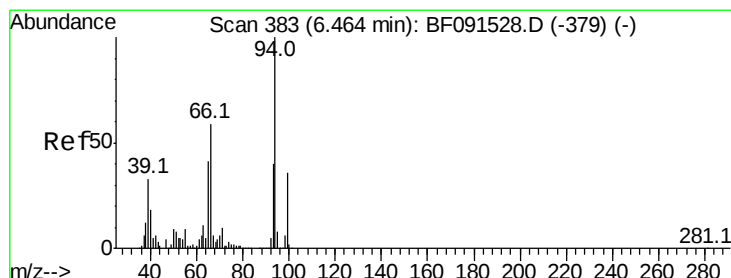
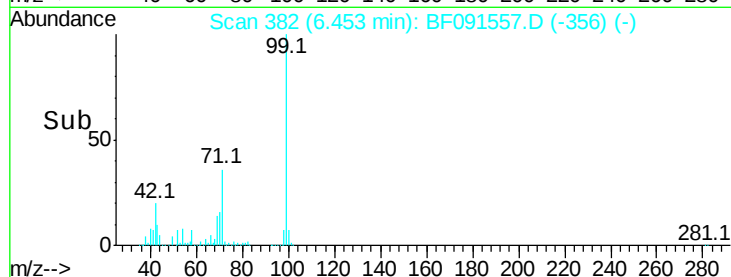
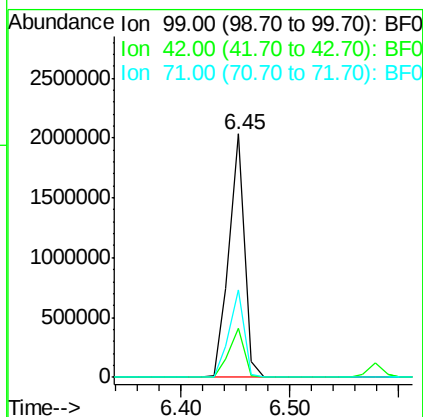
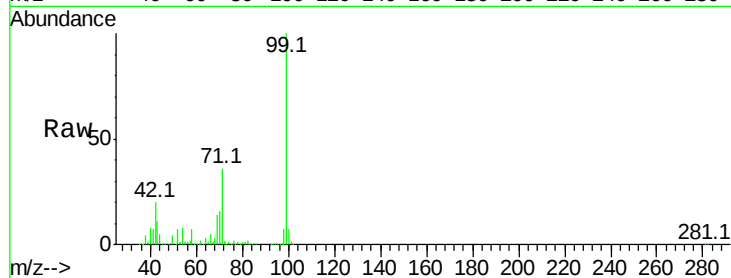
BNA_F

ClientSampleId :

1M-AGG-HP-03

Tot Ion: 99 Resp: 2012784

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.6	31.0#
71	36.2	29.9	44.9



#10

Phenol

Concen: 5.66 ng

RT: 6.46 min Scan# 383

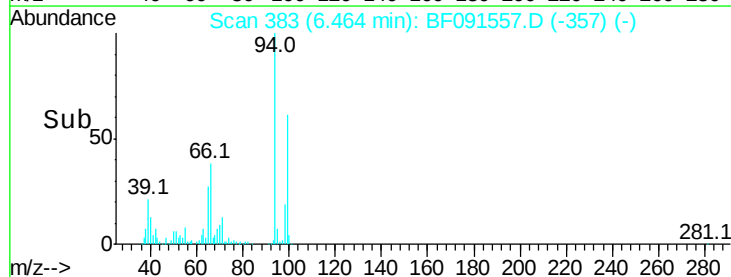
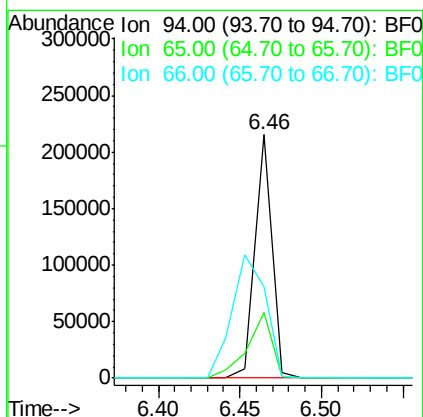
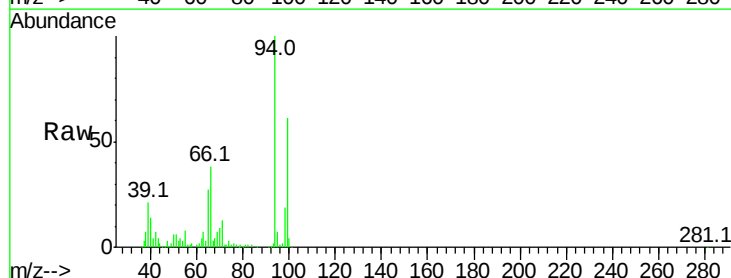
Delta R.T. -0.00 min

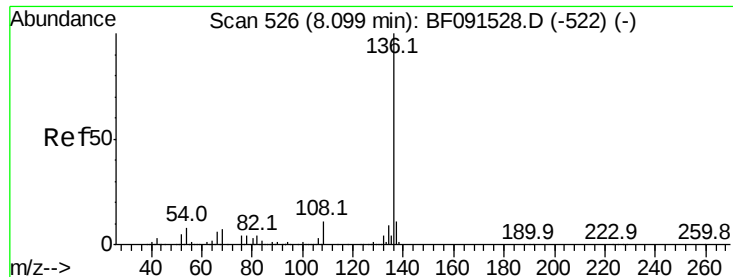
Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

Tgt Ion: 94 Resp: 157780

Ion	Ratio	Lower	Upper
94	100		
65	27.2	16.9	56.9
66	37.6	30.6	70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

Instrument :

BNA_F

ClientSampleId :

1M-AGG-HP-03

Tot Ion:136 Resp: 1366268

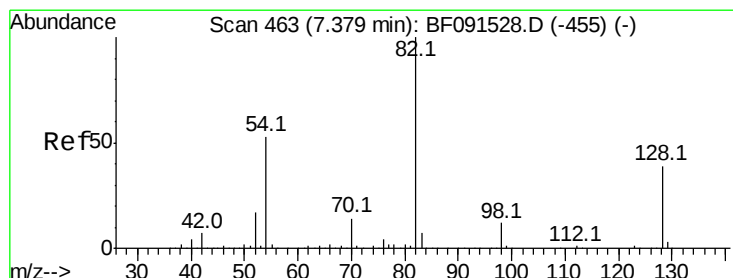
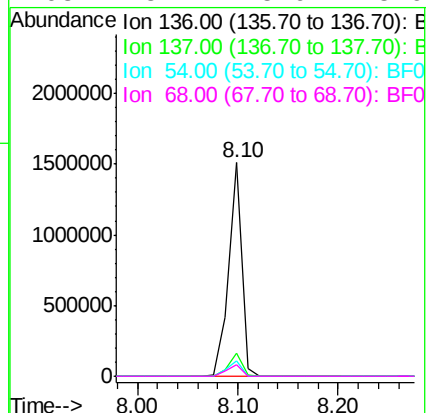
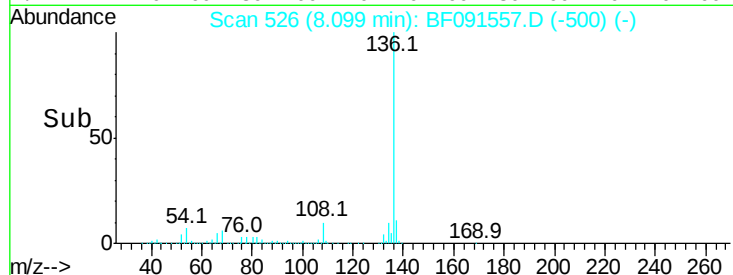
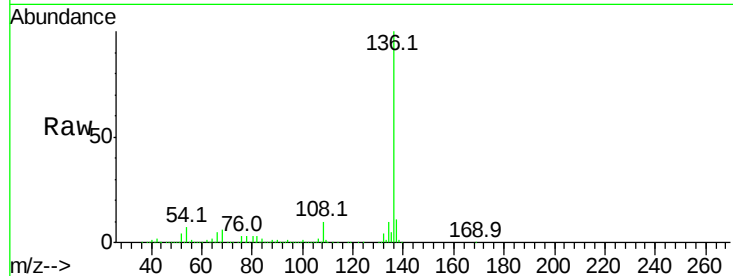
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 9.1 13.7#

68 5.7 5.9 8.9#



#23

Nitrobenzene-d5

Concen: 62.12 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

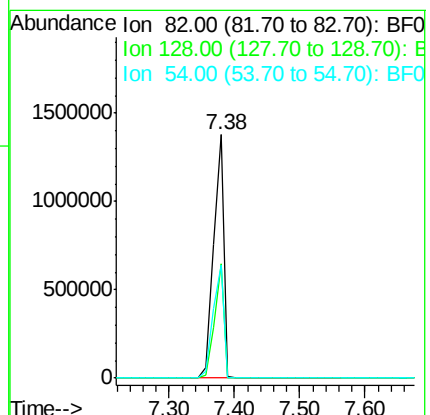
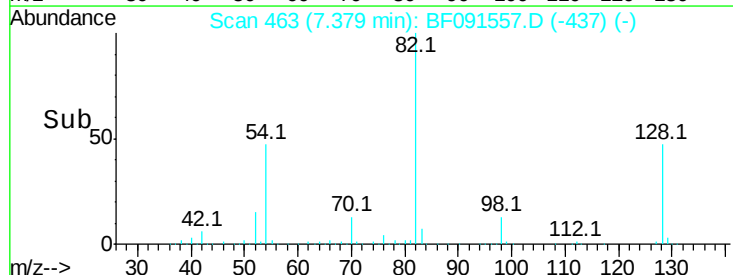
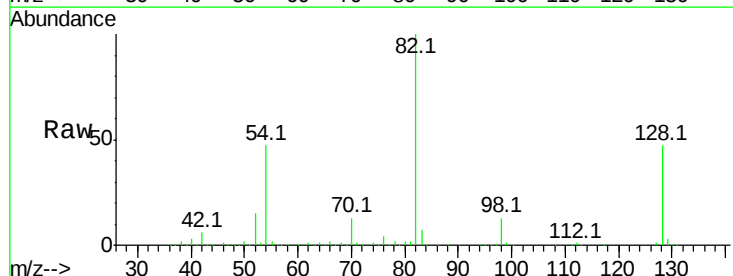
Tgt Ion: 82 Resp: 1520625

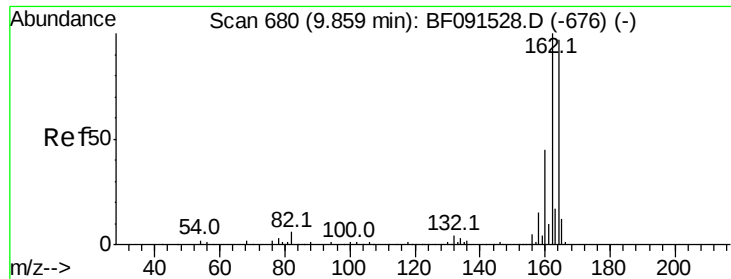
Ion Ratio Lower Upper

82 100

128 47.0 31.8 47.6

54 46.7 49.1 73.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

Instrument :

BNA_F

ClientSampleId :

1M-AGG-HP-03

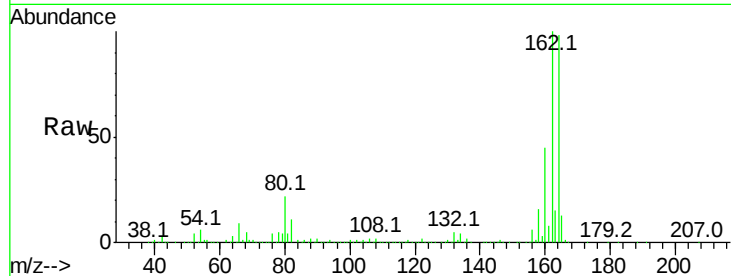
Tot Ion:164 Resp: 641362

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

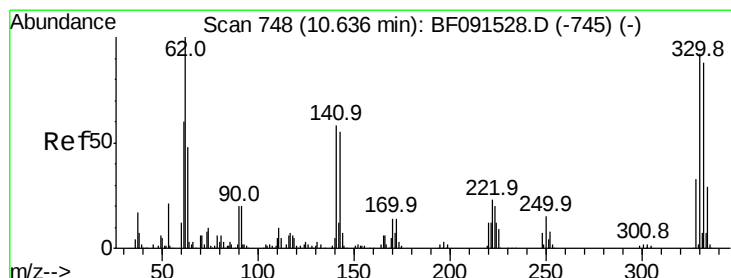
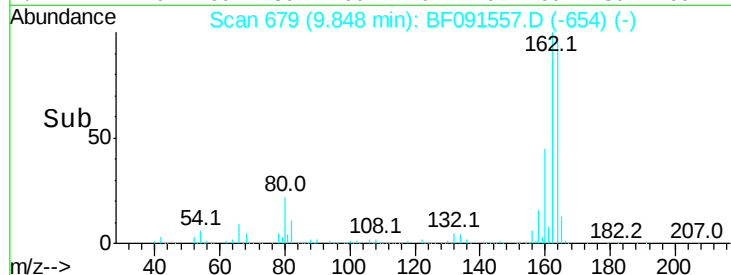
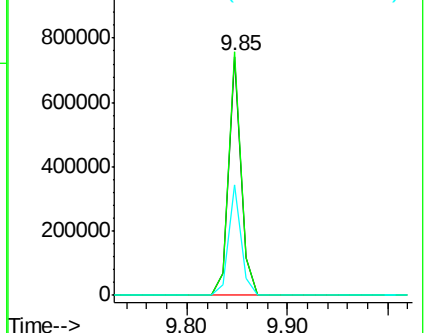
160 46.3 36.7 55.1



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: 81.65 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

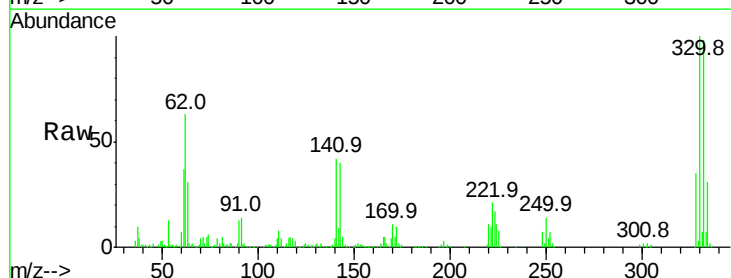
Tgt Ion:330 Resp: 434966

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

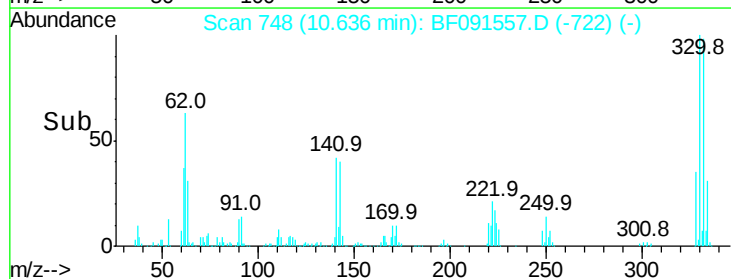
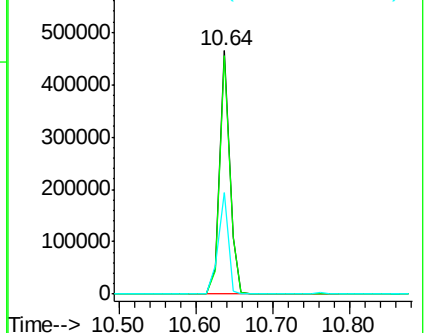
141 40.8 33.6 50.4

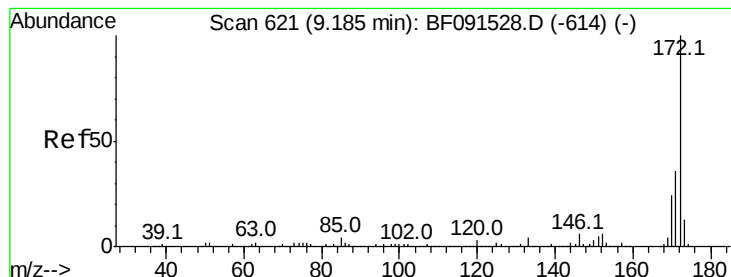


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



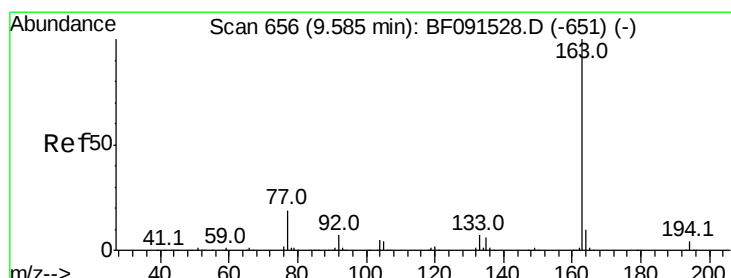
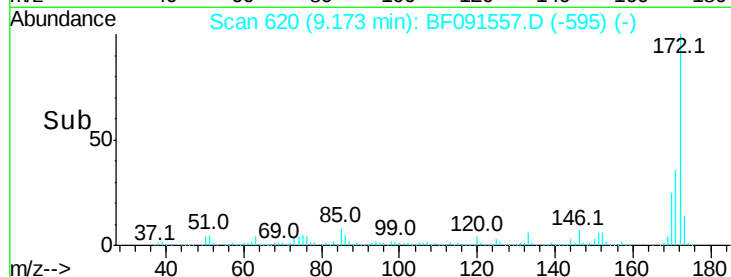
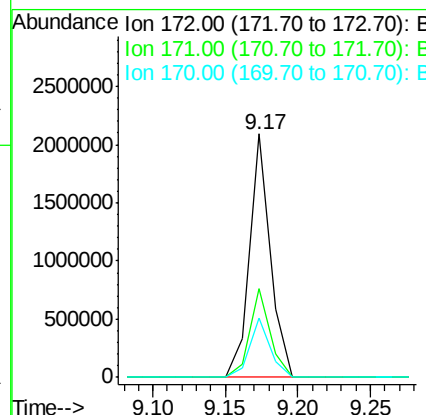
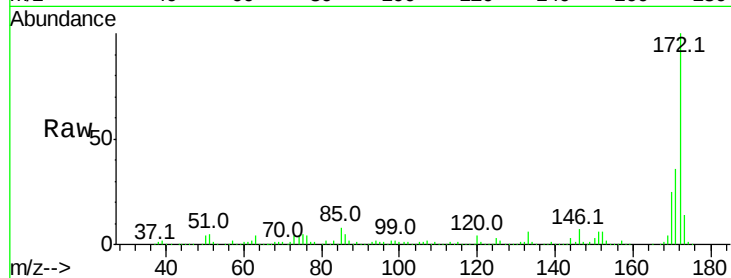


#44
 2-Fluorobiphenyl
 Concen: 55.91 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091557.D
 Acq: 13 Dec 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 1M-AGG-HP-03

Tot Ion:172 Resp: 2075341

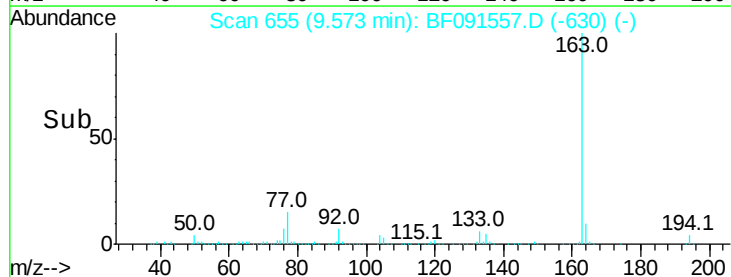
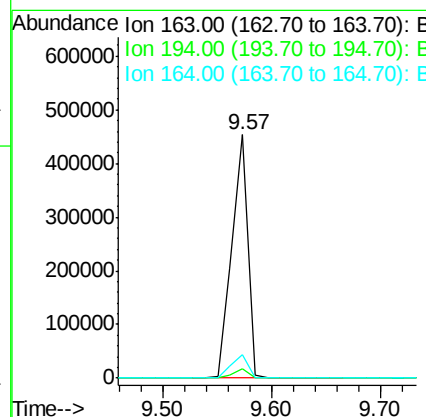
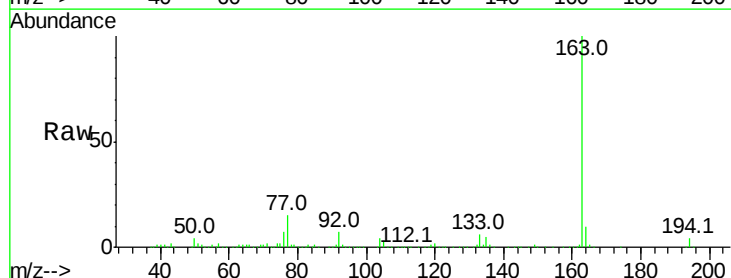
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	19.7	29.5

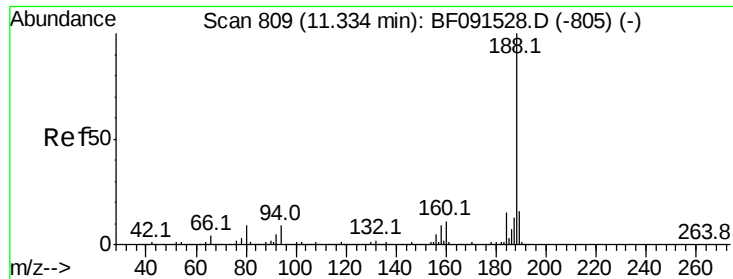


#49
 Dimethylphthalate
 Concen: 11.32 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF091557.D
 Acq: 13 Dec 2016 16:45

Tgt Ion:163 Resp: 459903

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.5	7.8	11.8

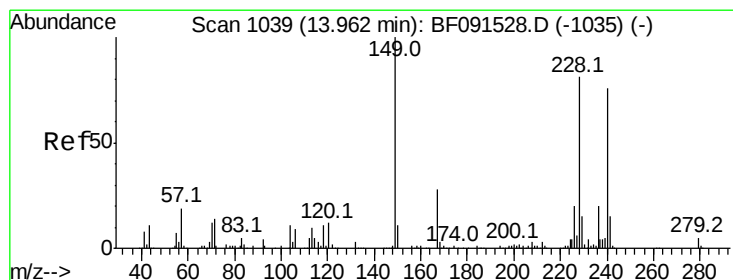
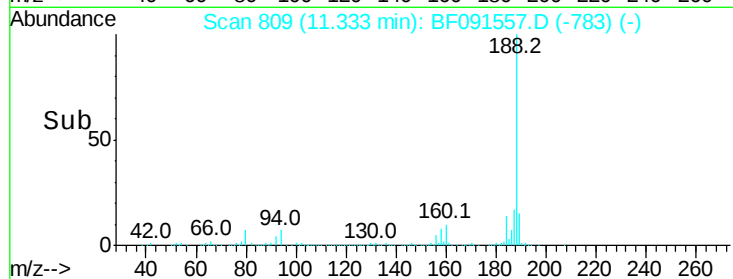
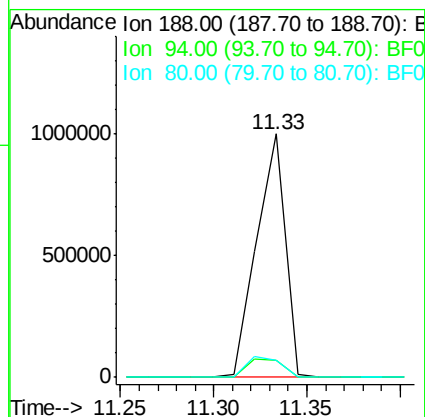
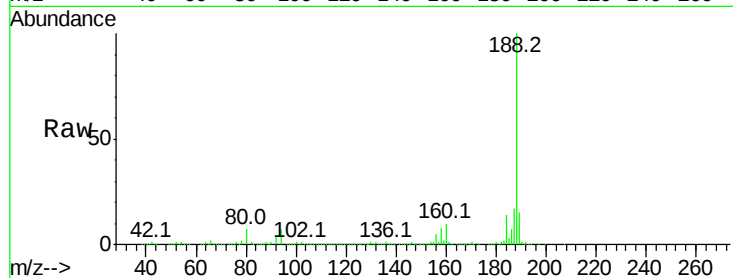




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

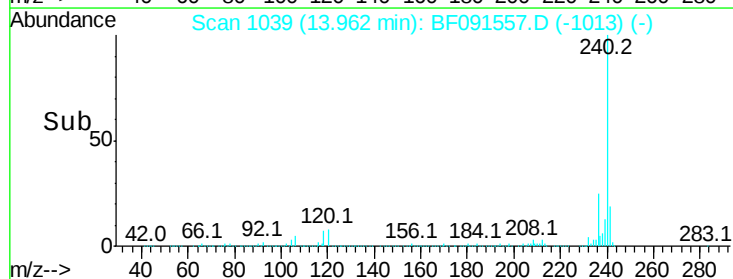
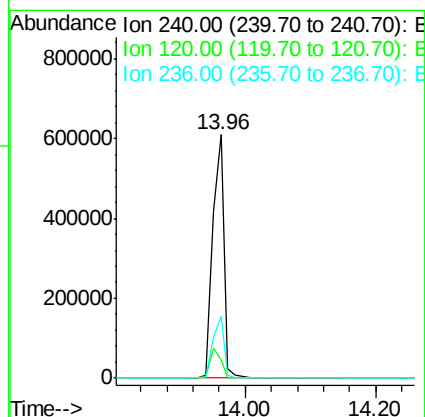
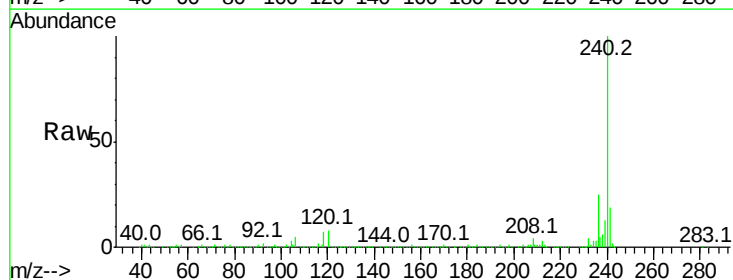
Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

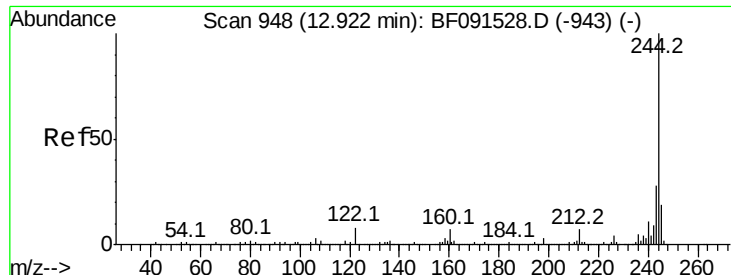
Tot Ion:188 Resp: 1058541
Ion Ratio Lower Upper
188 100
94 7.2 9.2 13.8#
80 7.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:240 Resp: 741680
Ion Ratio Lower Upper
240 100
120 7.8 12.1 18.1#
236 25.3 21.0 31.6





#78

Terphenyl-d14

Concen: 56.66 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

Instrument :

BNA_F

ClientSampleId :

1M-AGG-HP-03

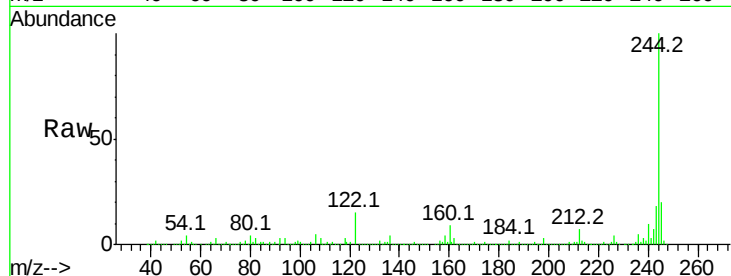
Tot Ion:244 Resp: 1852014

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

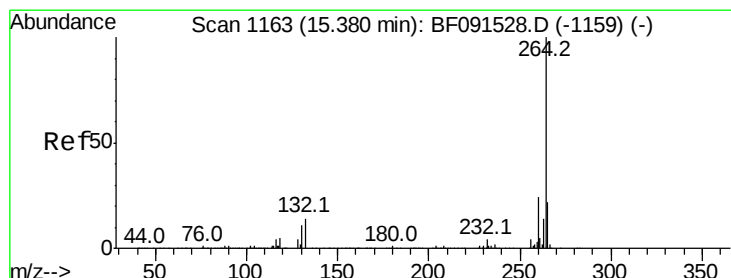
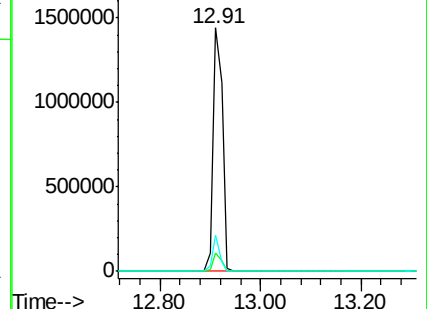
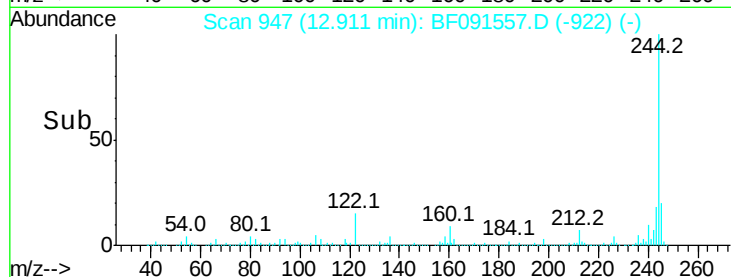
122 15.1 9.5 14.3#



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091557.D

Acq: 13 Dec 2016 16:45

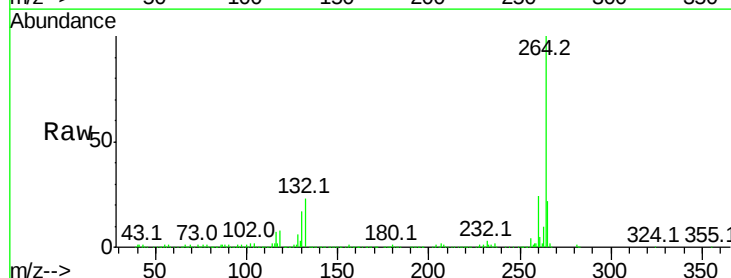
Tgt Ion:264 Resp: 638330

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.3 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

