

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092501.D
 Acq On : 26 Jan 2017 2:32
 Operator : SJ/MA
 Sample : I1312-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-GW-02

Quant Time: Jan 26 12:07:57 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

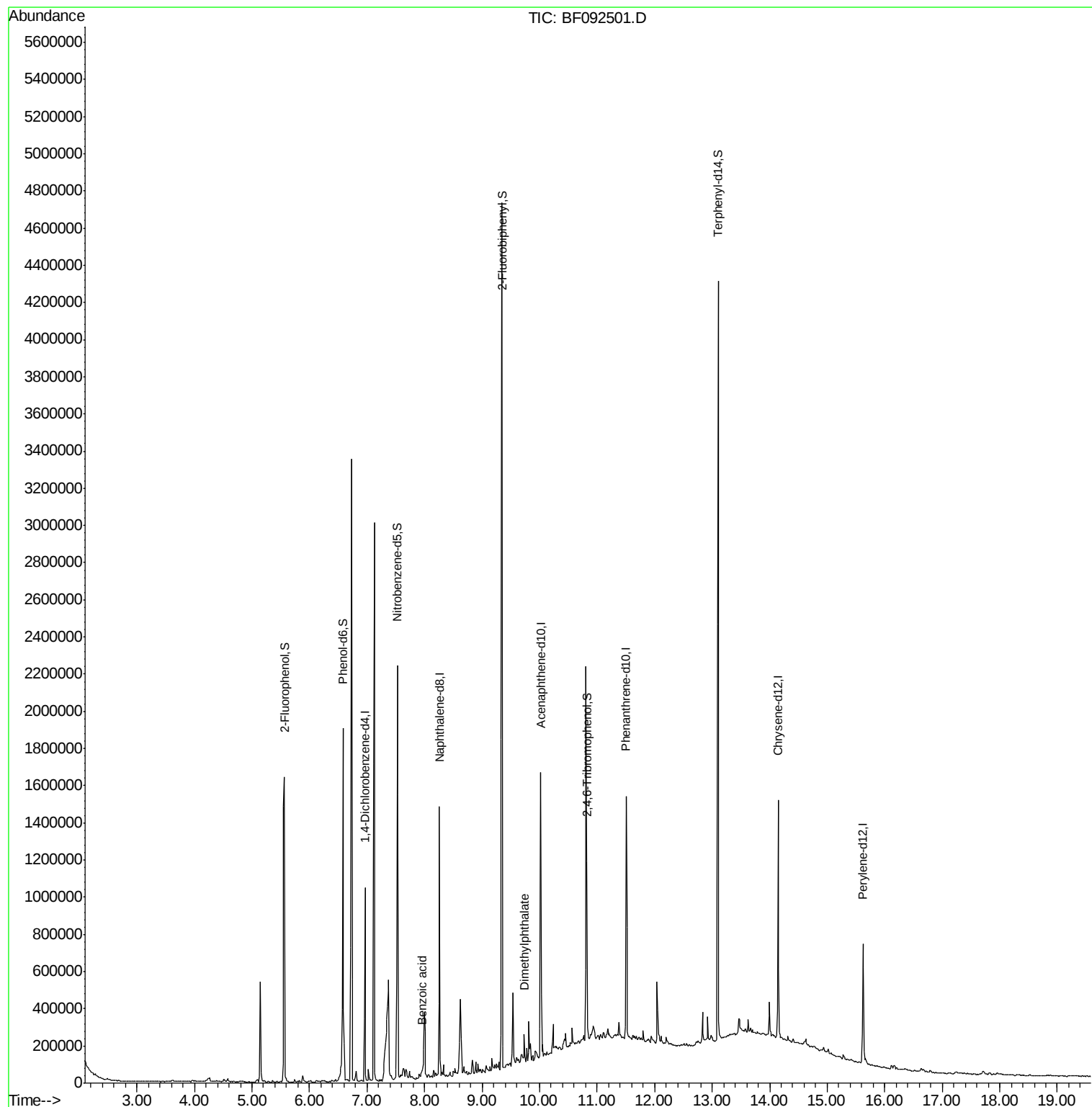
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158707	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	627641	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	323494	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	539353	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	455644	20.00	ng	-0.02
86) Perylene-d12	15.62	264	343448	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	626262	61.39	ng	0.01
7) Phenol-d6	6.58	99	507304	39.04	ng	-0.01
23) Nitrobenzene-d5	7.53	82	984161	85.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	295823	134.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1546669	88.41	ng	-0.01
78) Terphenyl-d14	13.11	244	1490569	87.11	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.96	122	11758	6.05	ng	98
49) Dimethylphthalate	9.73	163	52339	2.54	ng	98

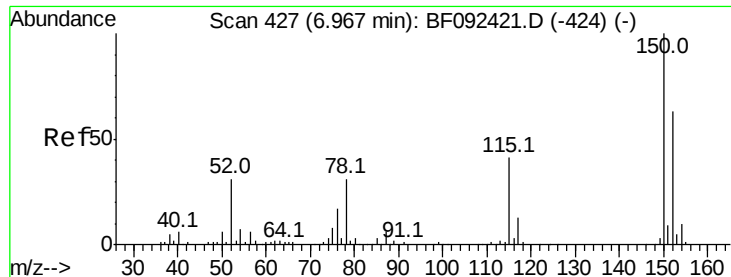
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

CAS-GW-02

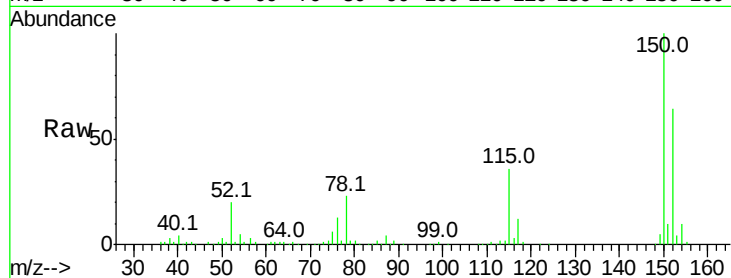
Tot Ion:152 Resp: 158707

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

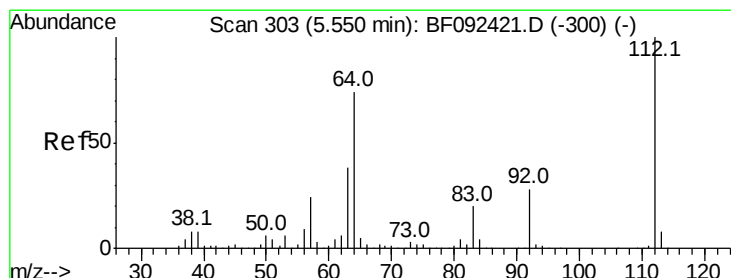
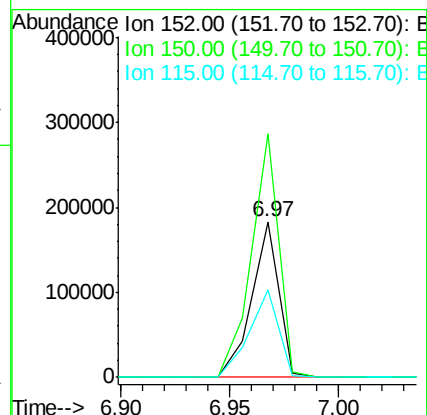
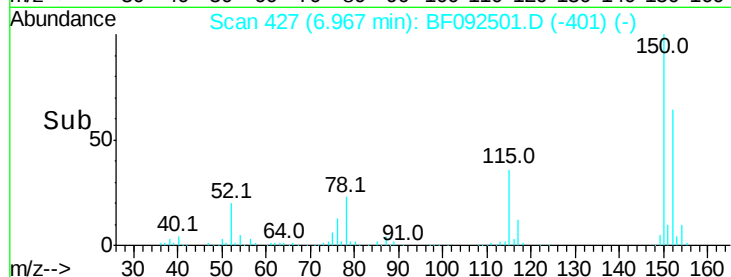
115 56.3 46.0 69.0



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: 61.39 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

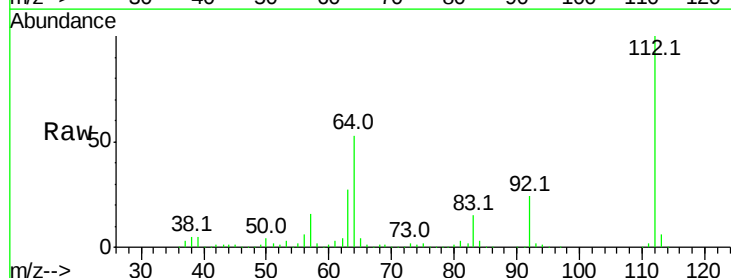
Tgt Ion:112 Resp: 626262

Ion Ratio Lower Upper

112 100

64 52.8 46.1 69.1

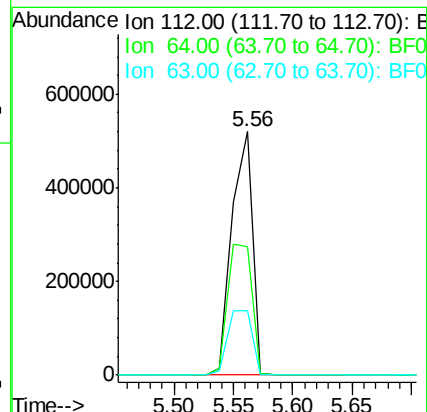
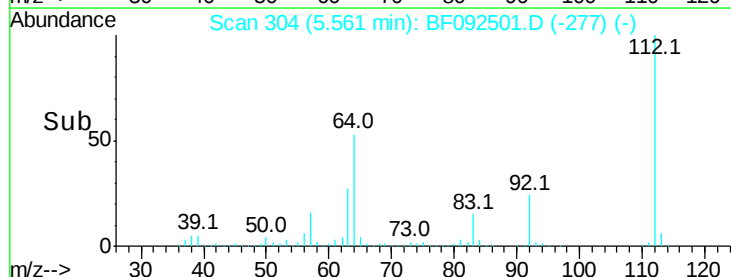
63 26.6 23.8 35.6

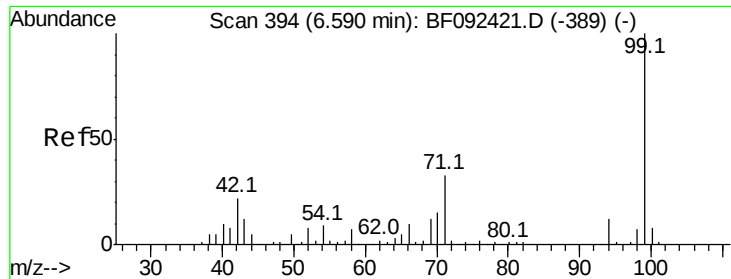


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.04 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

CAS-GW-02

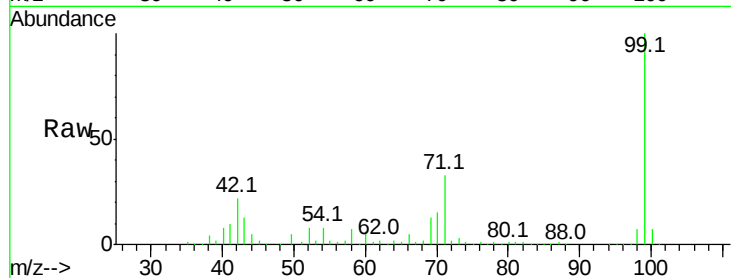
Tot Ion: 99 Resp: 507304

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

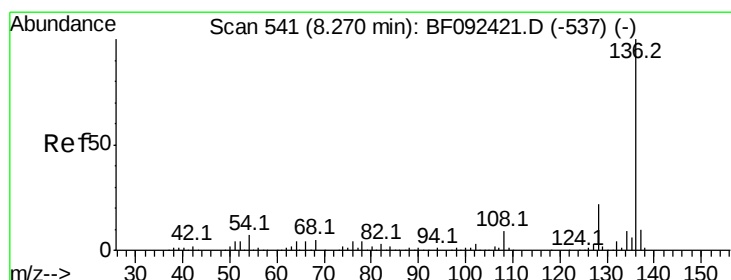
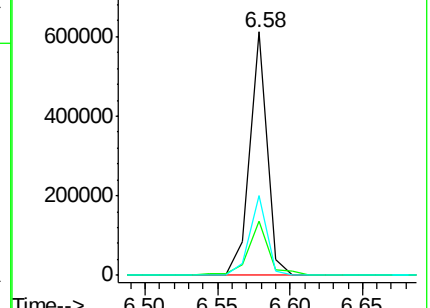
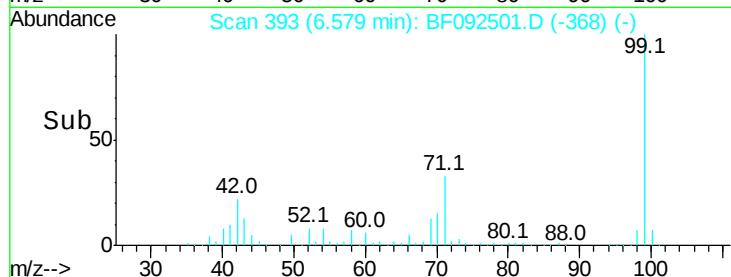
71 32.9 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Tgt Ion: 136 Resp: 627641

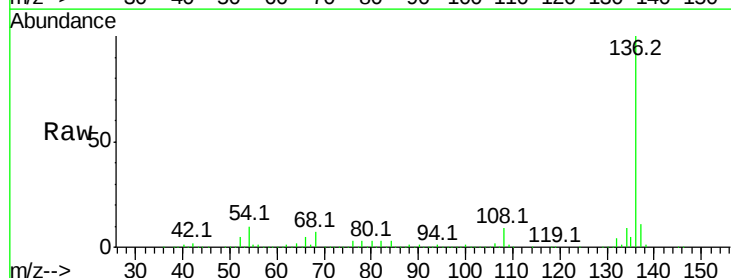
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 9.8 4.5 6.7#

68 6.8 3.6 5.4#

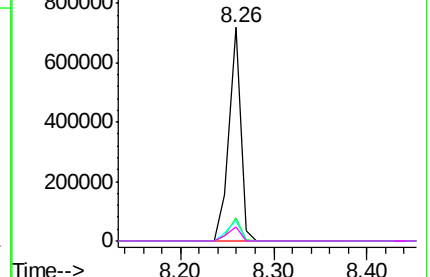
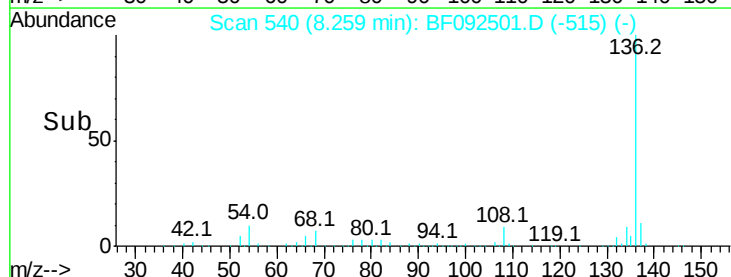


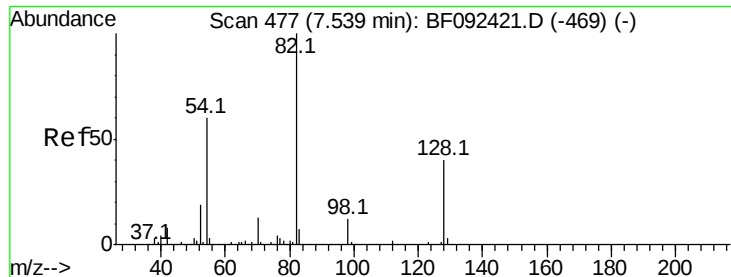
Abundance Ion 136.00 (135.70 to 136.70): E

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

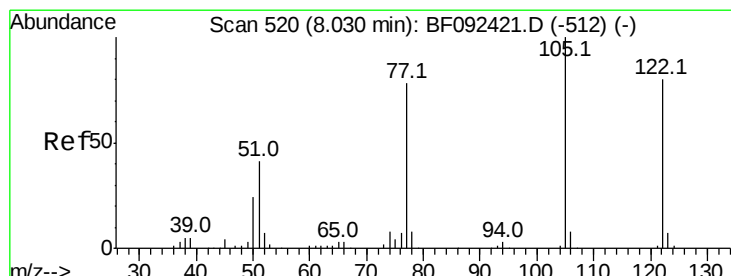
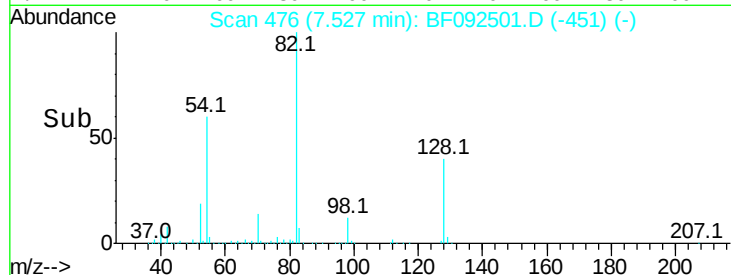
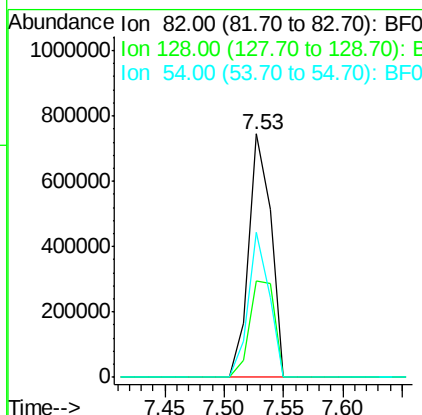
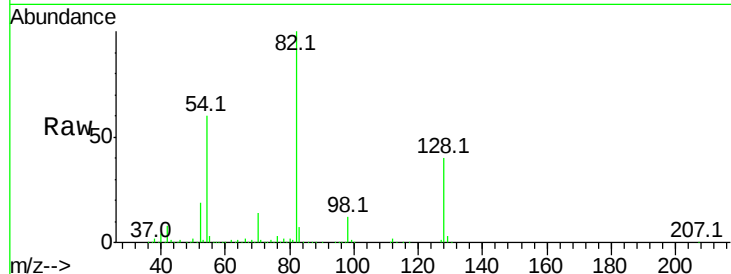




#23
Nitrobenzene-d5
Concen: 85.65 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

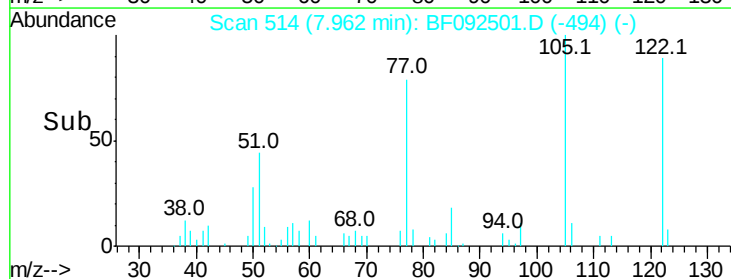
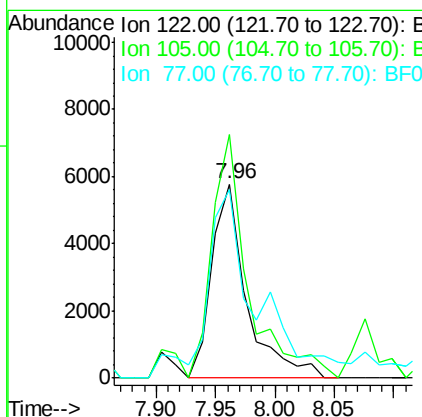
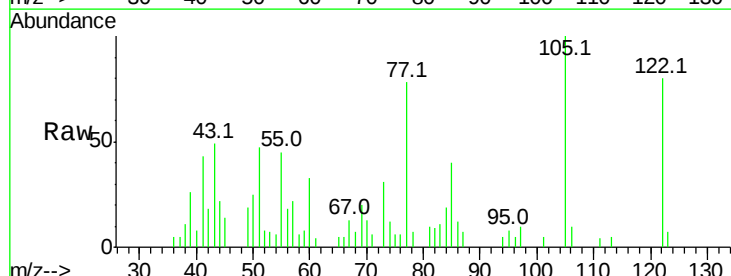
Instrument :
BNA_F
ClientSampleId :
CAS-GW-02

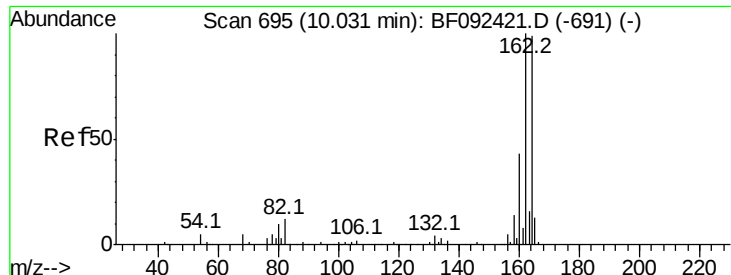
Tot Ion: 82 Resp: 984161
Ion Ratio Lower Upper
82 100
128 39.8 34.6 52.0
54 59.8 39.5 59.3#



#32
Benzoic acid
Concen: 6.05 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion: 122 Resp: 11758
Ion Ratio Lower Upper
122 100
105 125.4 107.2 147.2
77 97.3 74.5 114.5

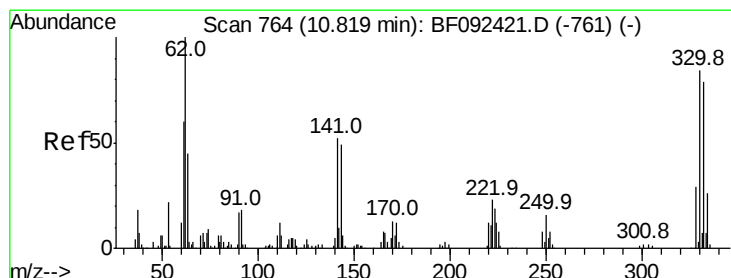
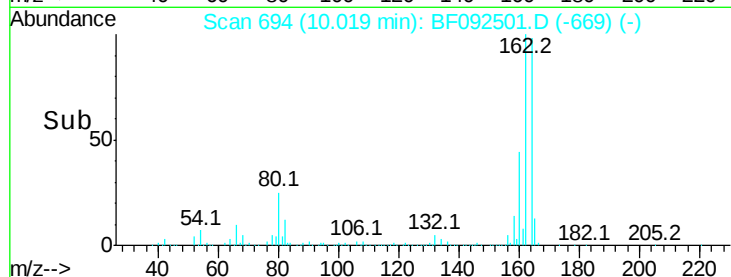
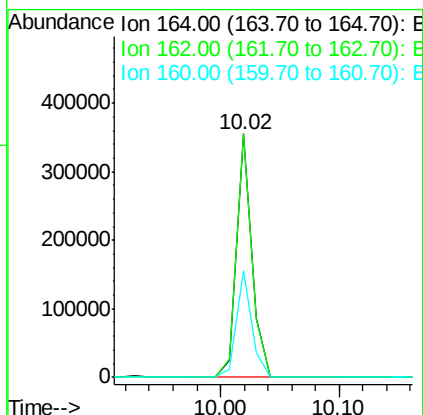
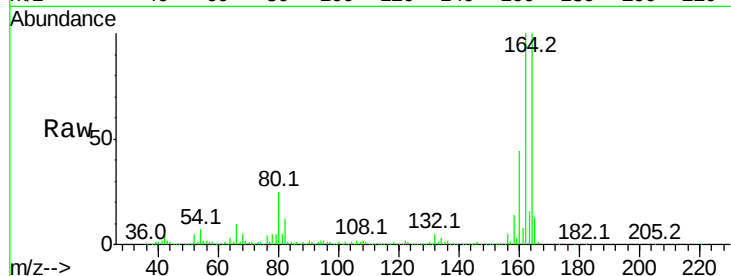




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

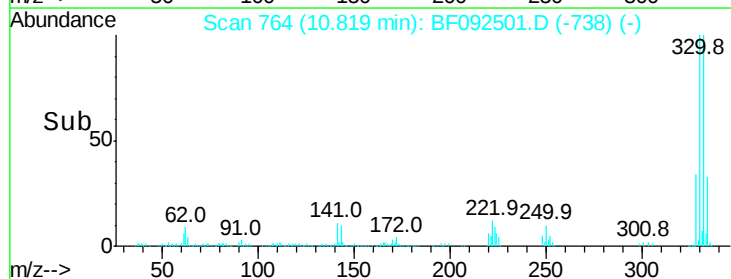
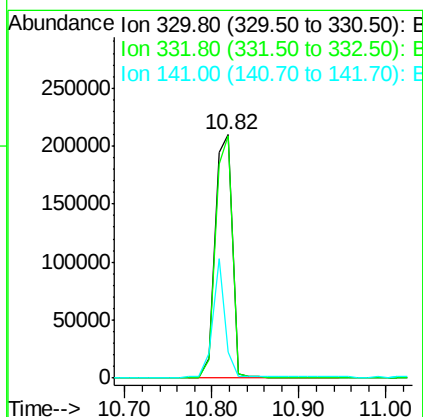
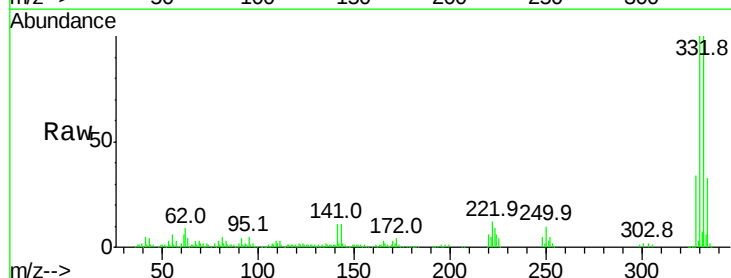
Instrument :
BNA_F
ClientSampleId :
CAS-GW-02

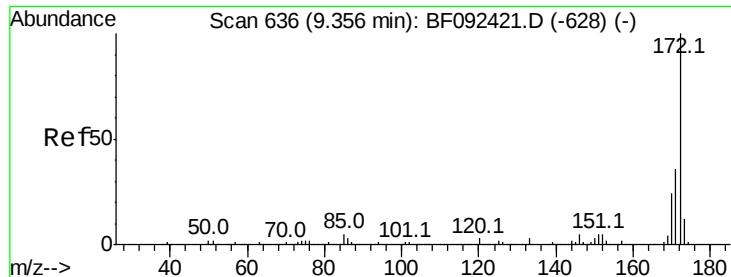
Tot Ion:164 Resp: 323494
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 43.6 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 134.19 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion:330 Resp: 295823
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 34.4 34.1 51.1

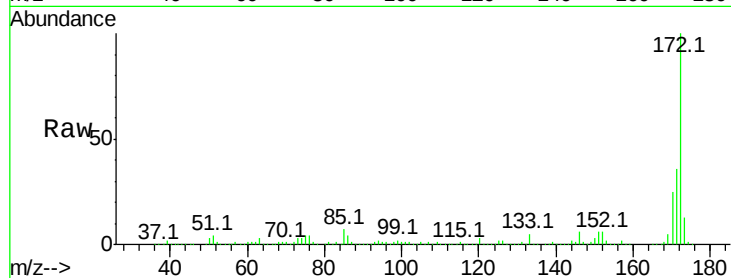




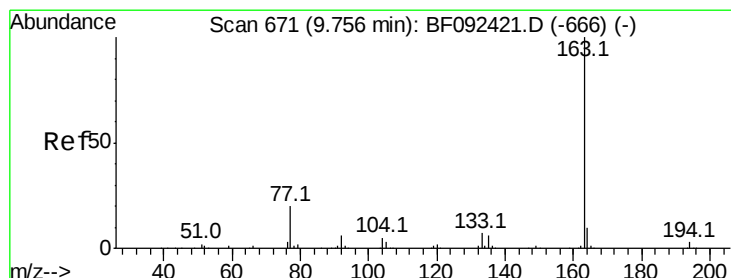
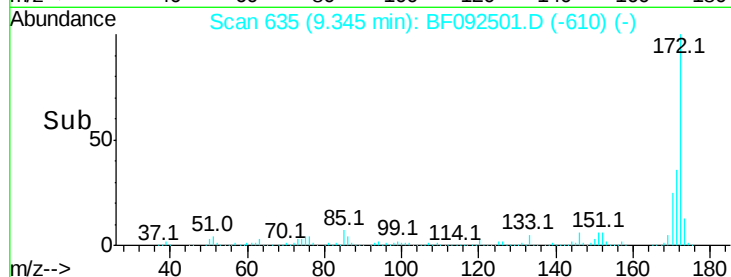
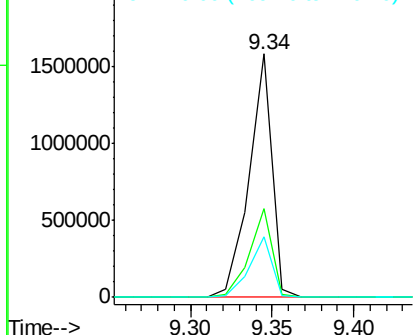
#44
2-Fluorobiphenyl
Concen: 88.41 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Instrument :
BNA_F
ClientSampleId :
CAS-GW-02

Tot Ion:172 Resp: 1546669
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 25.0 20.2 30.4

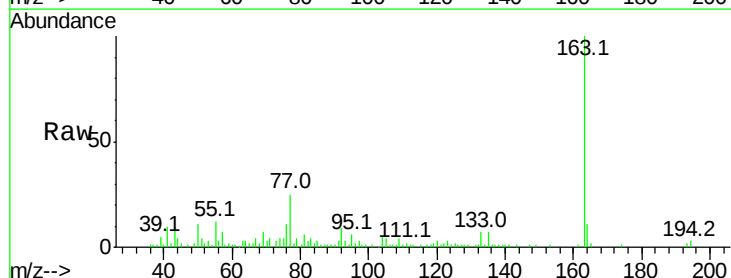


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

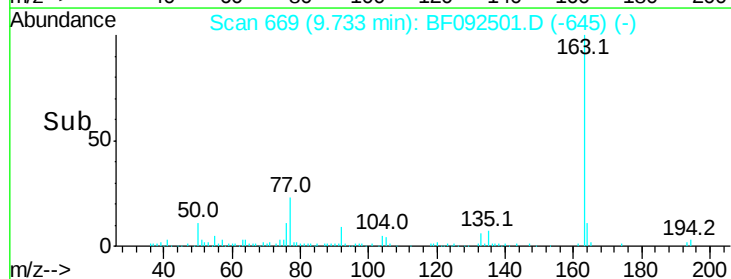
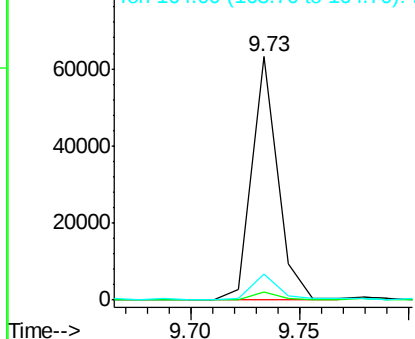


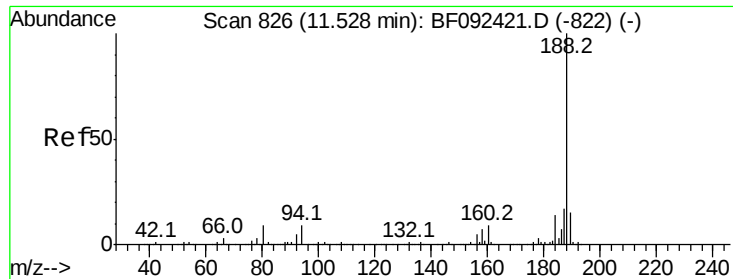
#49
Dimethylphthalate
Concen: 2.54 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion:163 Resp: 52339
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.6 8.0 12.0



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

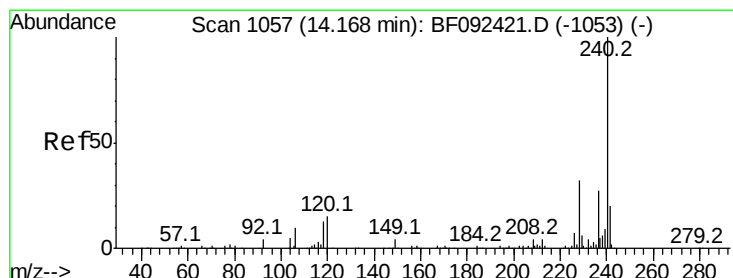
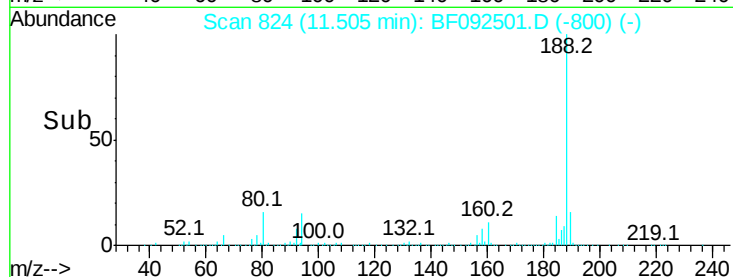
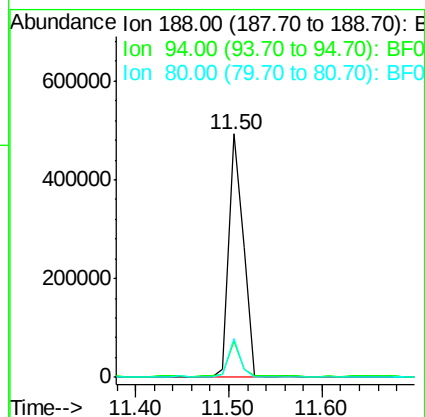
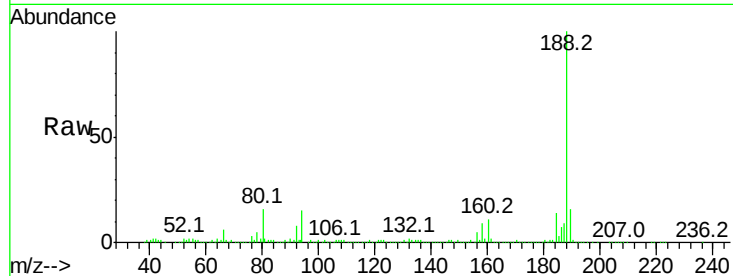




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

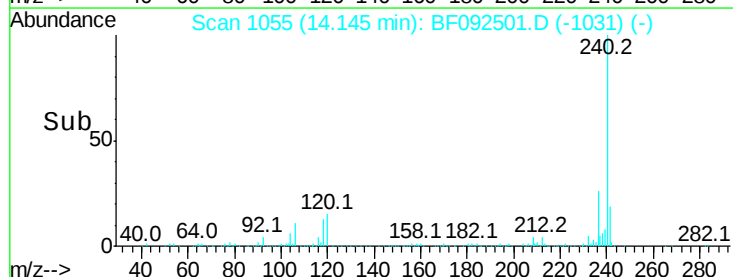
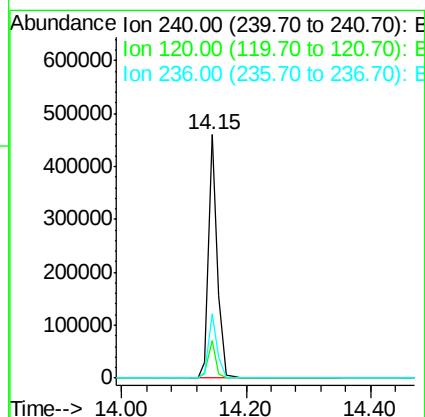
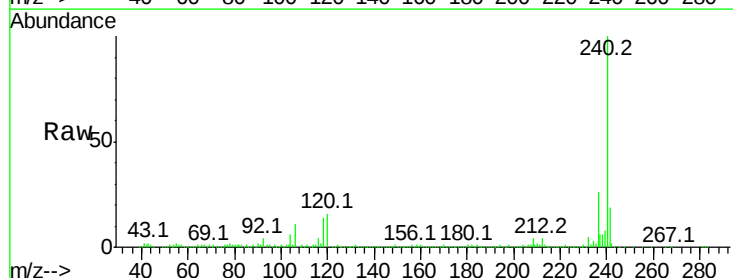
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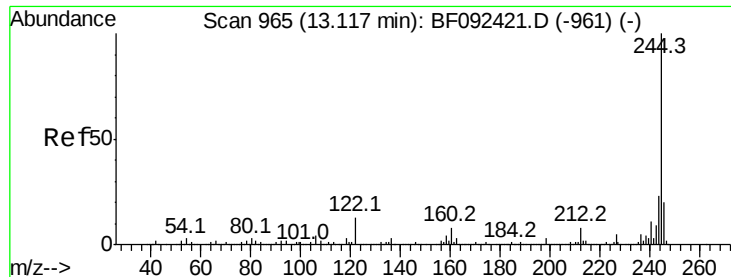
Tot Ion:188 Resp: 539353
Ion Ratio Lower Upper
188 100
94 15.1 10.0 15.0#
80 16.0 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion:240 Resp: 455644
Ion Ratio Lower Upper
240 100
120 15.5 12.9 19.3
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 87.11 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

CAS-GW-02

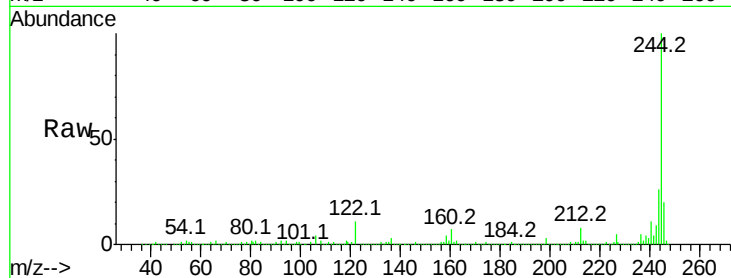
Tot Ion:244 Resp: 1490569

Ion Ratio Lower Upper

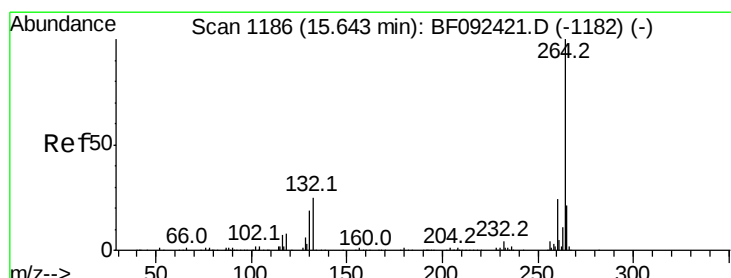
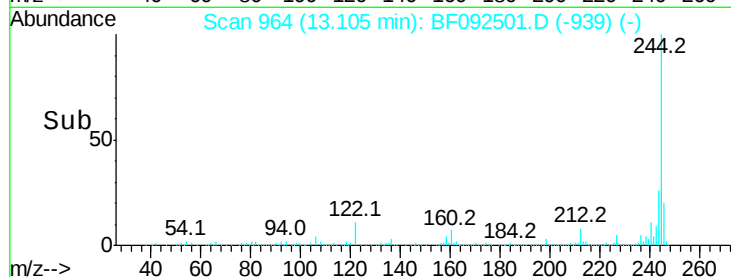
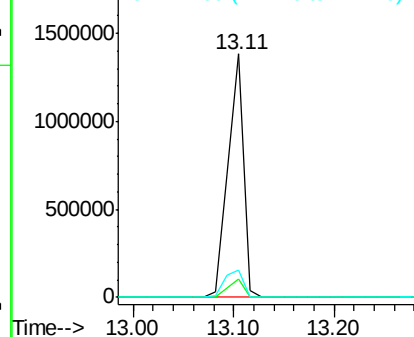
244 100

212 7.6 6.2 9.2

122 11.2 11.4 17.2#



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: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

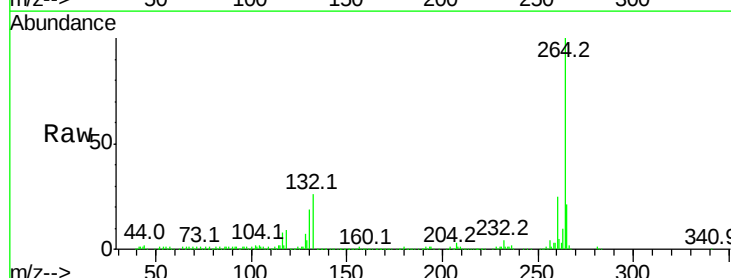
Tgt Ion:264 Resp: 343448

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 20.9 17.4 26.0



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

