

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094268.D
 Acq On : 7 Apr 2017 13:00
 Operator : SJ/MA
 Sample : I2582-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Apr 07 14:40:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

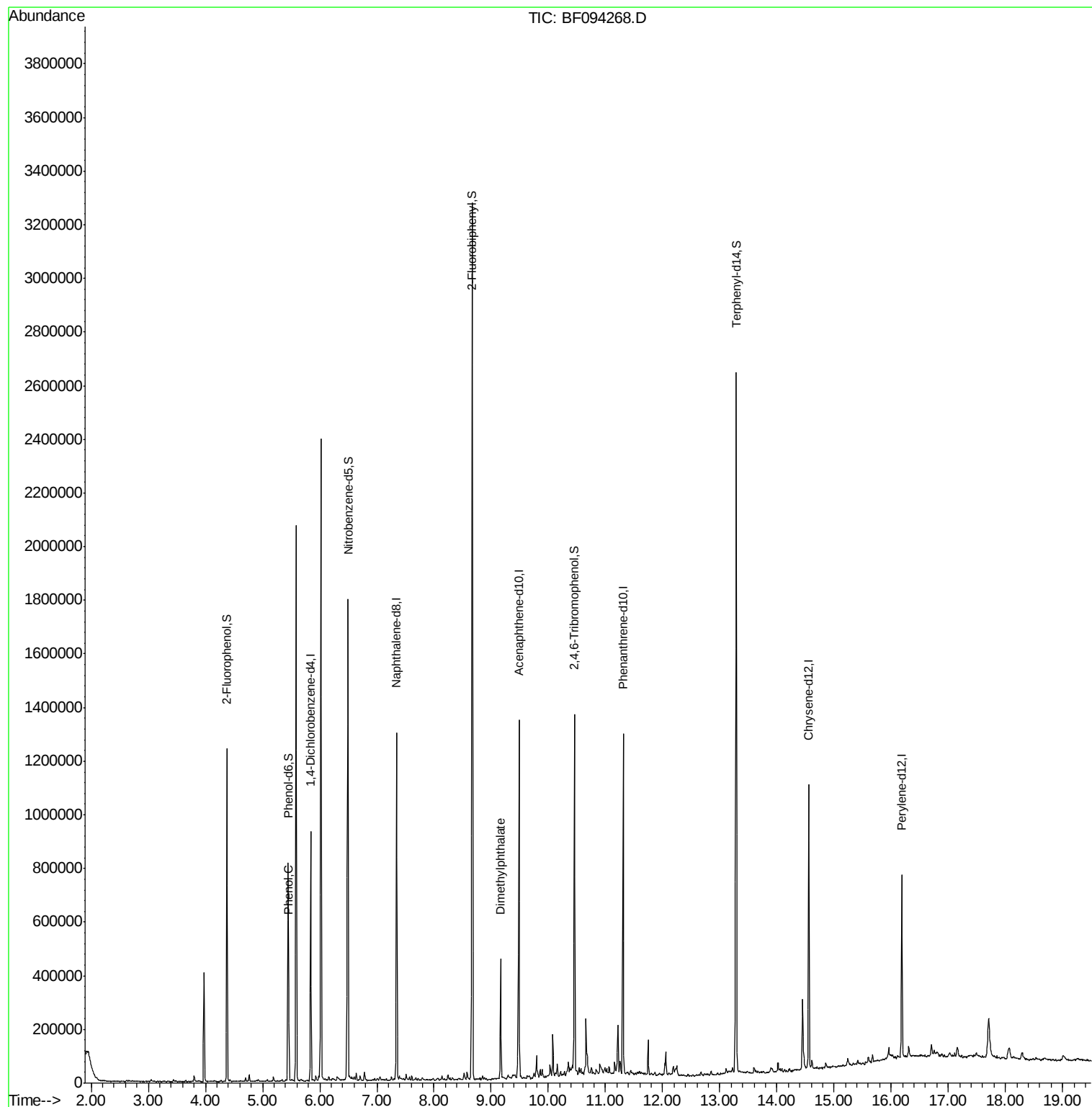
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	159323	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	628465	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	287475	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	512761	20.00	ng	0.00
75) Chrysene-d12	14.56	240	396585	20.00	ng	-0.01
86) Perylene-d12	16.19	264	258145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	335157	35.53	ng	0.00
7) Phenol-d6	5.45	99	268324	22.99	ng	-0.01
23) Nitrobenzene-d5	6.49	82	652468	59.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	162162	71.38	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1202568	63.81	ng	0.00
78) Terphenyl-d14	13.29	244	972658	54.97	ng	0.00
Target Compounds						
10) Phenol	5.46	94	91112	6.86	ng	90
49) Dimethylphthalate	9.17	163	197277	9.65	ng	99

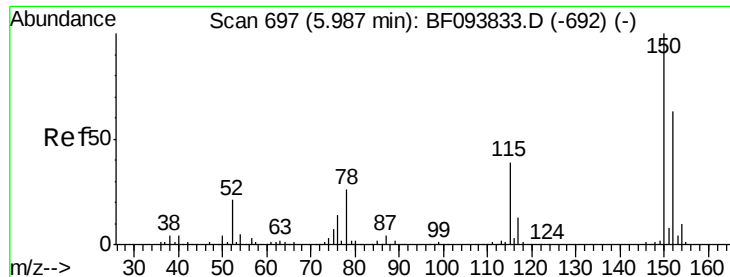
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

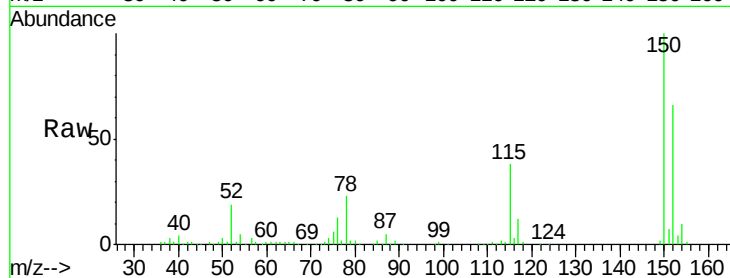
Tot Ion:152 Resp: 159323

Ion Ratio Lower Upper

152 100

150 152.7 126.2 189.2

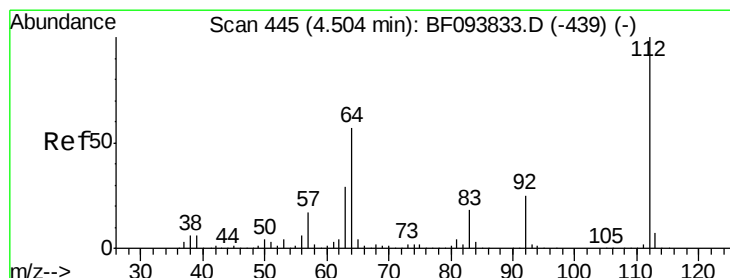
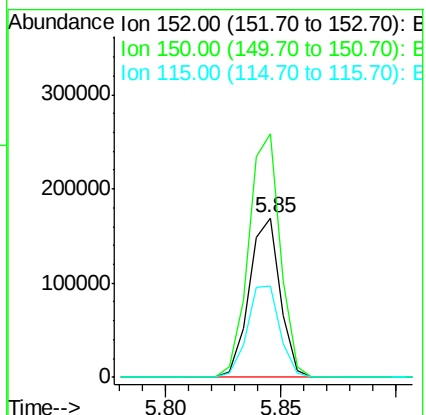
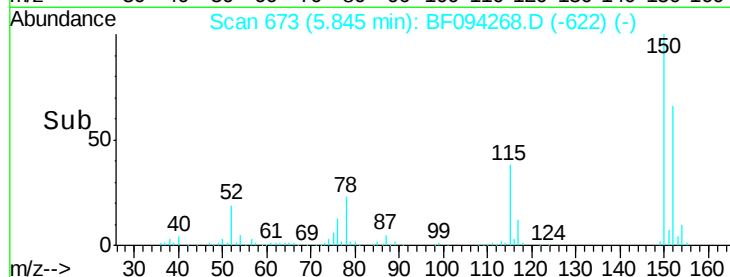
115 57.3 52.2 78.2



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: 35.53 ng

RT: 4.37 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

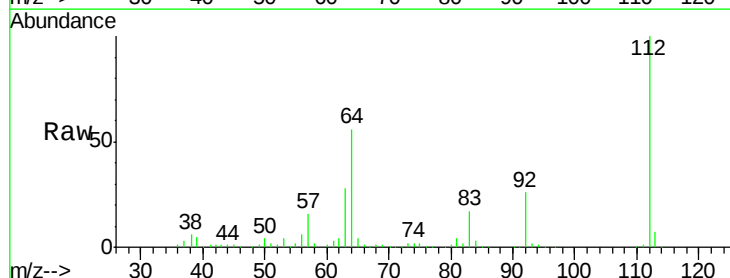
Tgt Ion:112 Resp: 335157

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

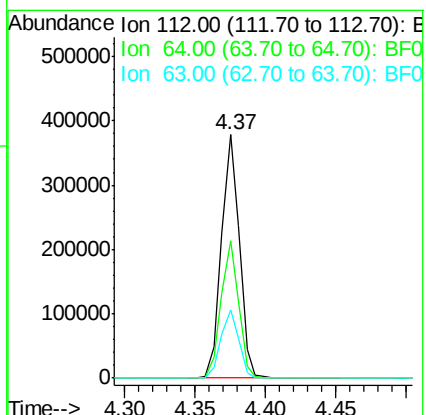
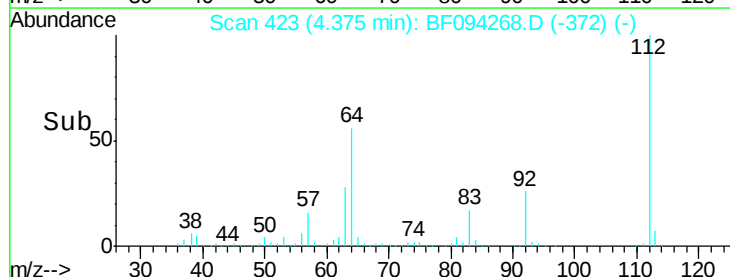
63 27.8 23.4 35.0

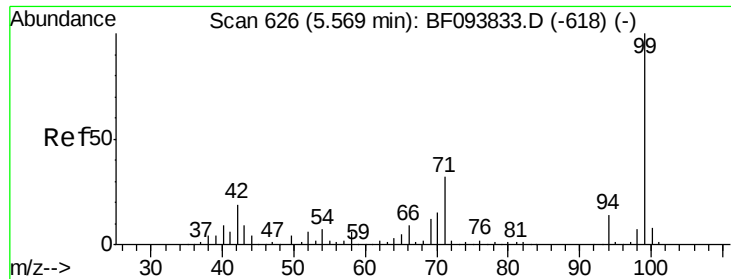


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.99 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

GW-1

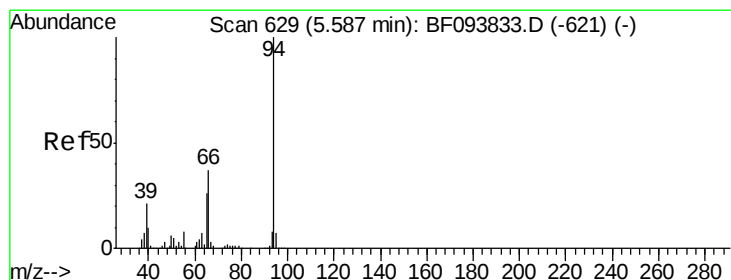
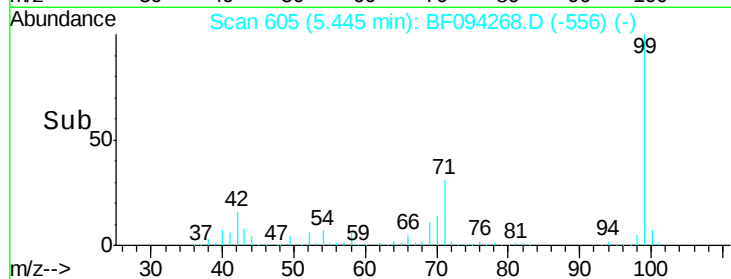
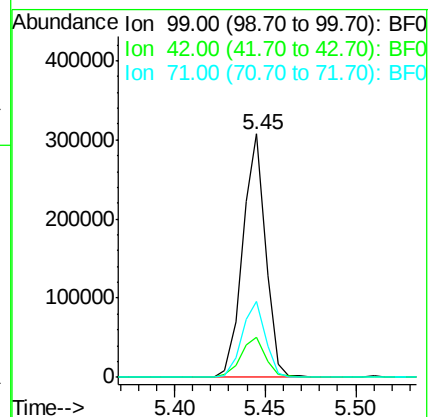
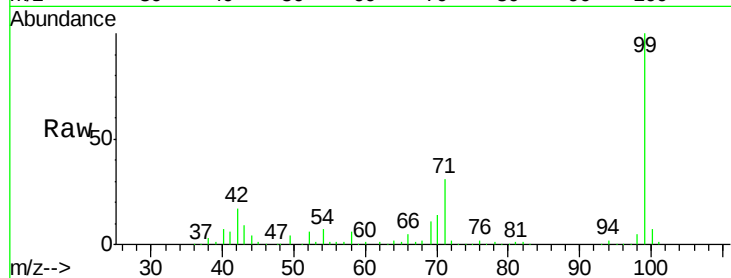
Tot Ion: 99 Resp: 268324

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 31.1 24.5 36.7



#10

Phenol

Concen: 6.86 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

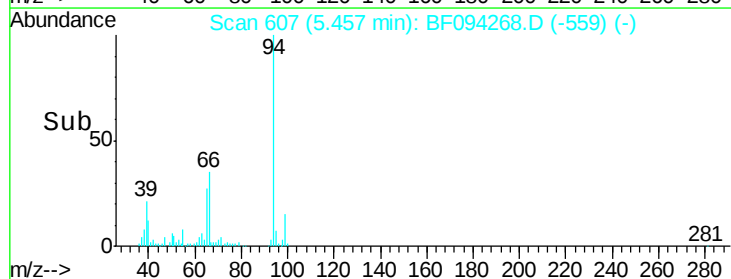
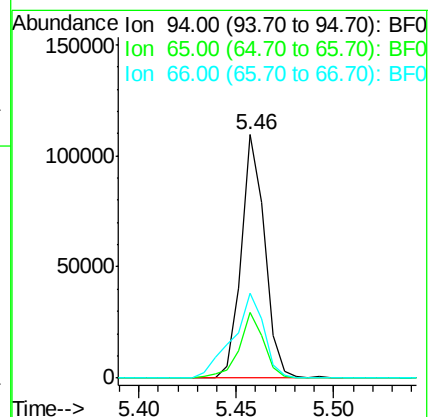
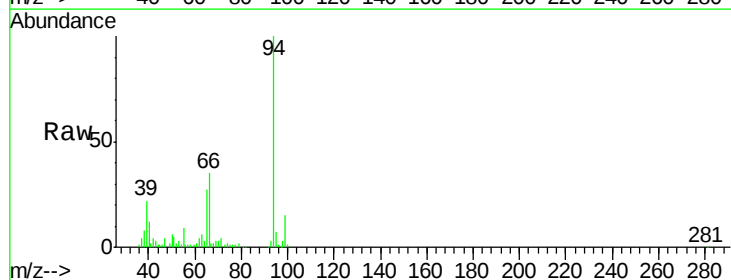
Tgt Ion: 94 Resp: 91112

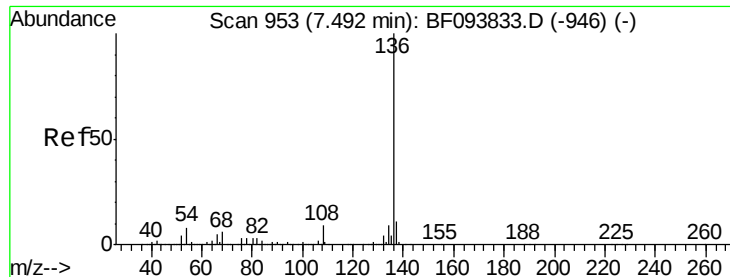
Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

66 34.6 23.1 63.1

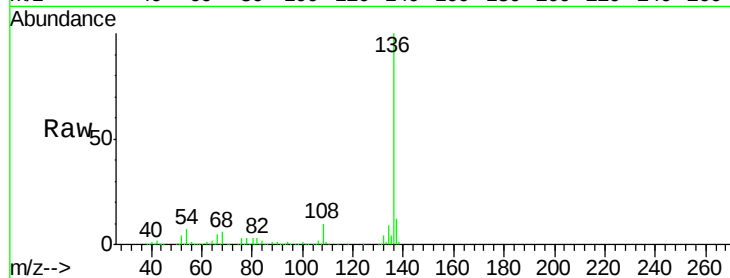




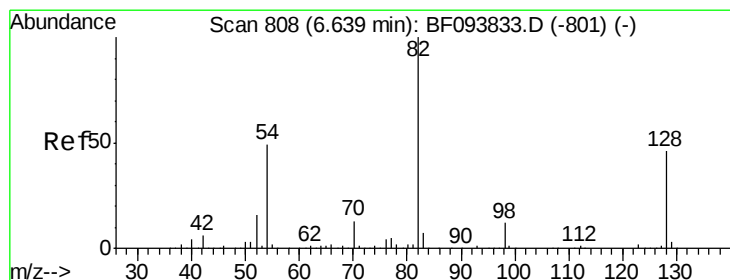
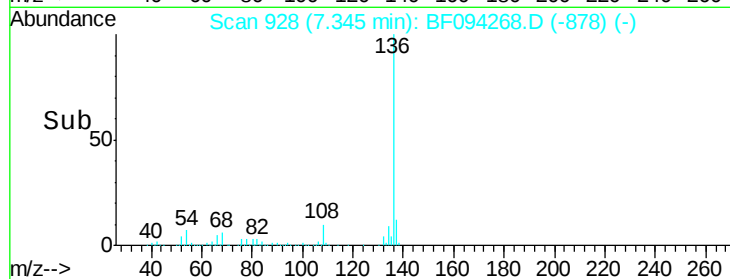
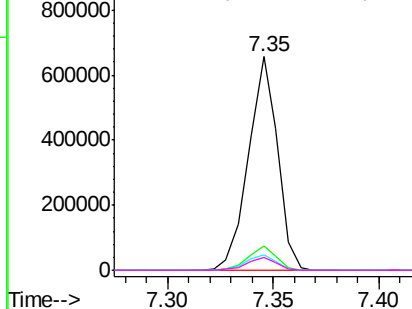
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
GW-1

Tot Ion:136	Resp:	628465
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.5 12.7
54	7.4	4.9 7.3#
68	6.2	4.1 6.1#

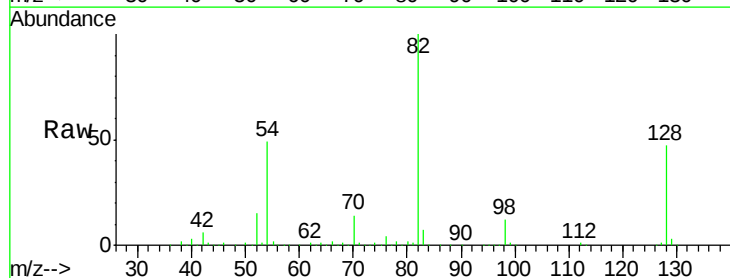


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

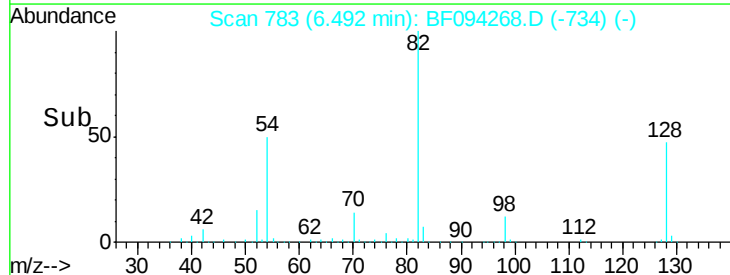
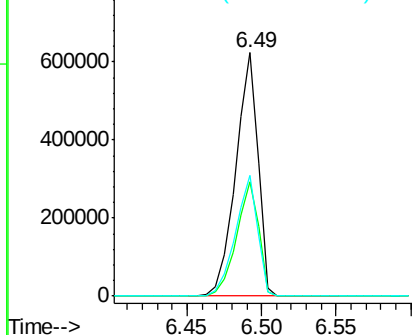


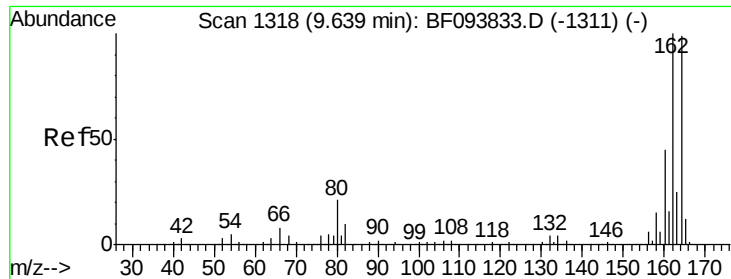
#23
Nitrobenzene-d5
Concen: 59.25 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion: 82	Resp:	652468
Ion Ratio	Lower	Upper
82	100	
128	47.2	34.0 51.0
54	49.5	42.2 63.2



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

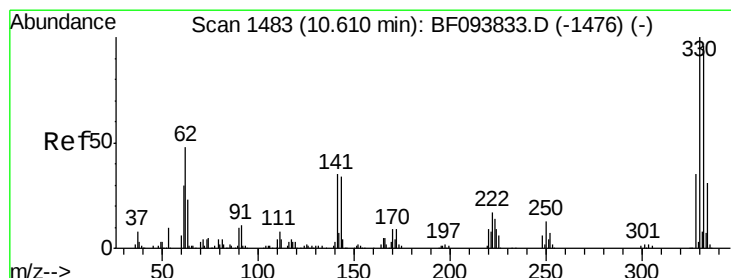
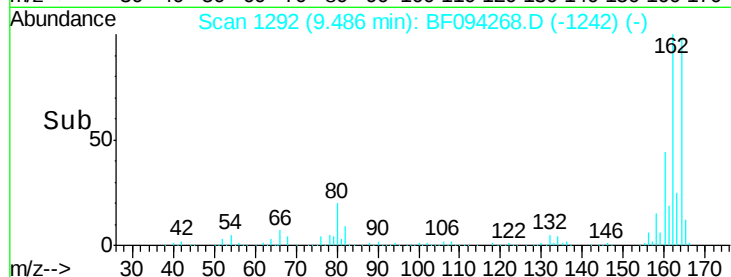
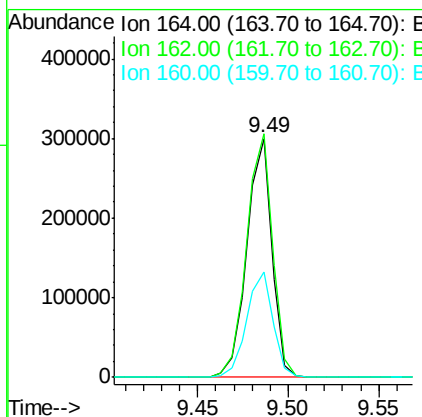
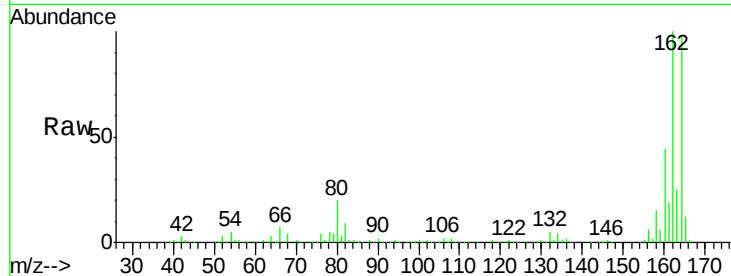




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094268.D
 Acq: 7 Apr 2017 13:00

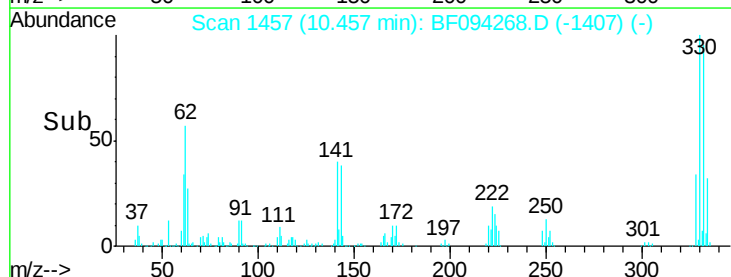
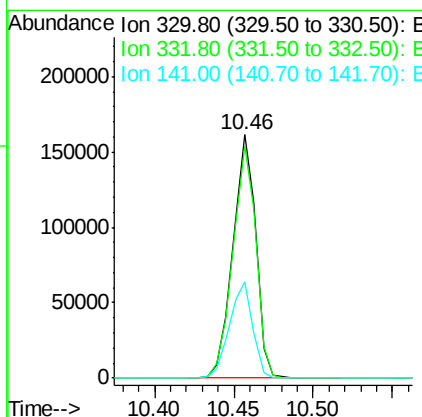
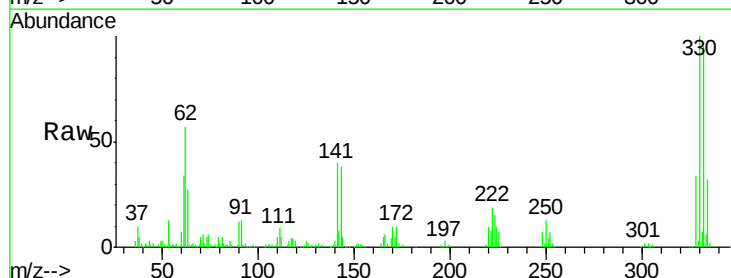
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

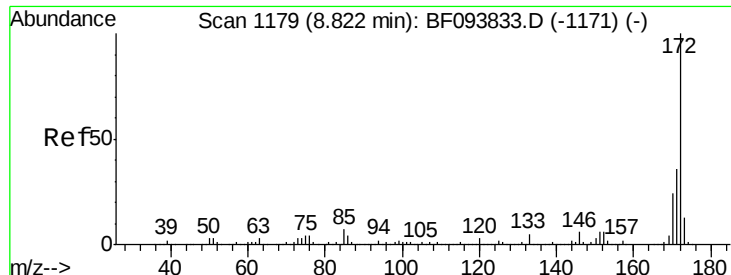
Tot Ion:164 Resp: 287475
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 44.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 71.38 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF094268.D
 Acq: 7 Apr 2017 13:00

Tgt Ion:330 Resp: 162162
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.3 31.4 47.2

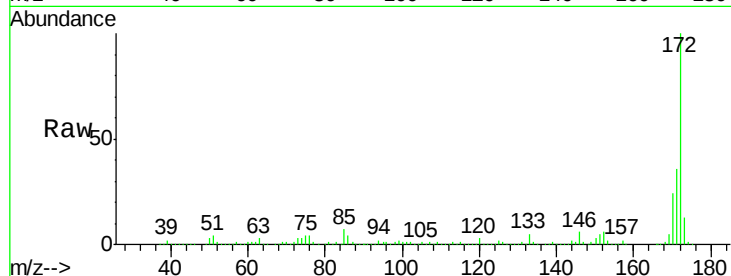




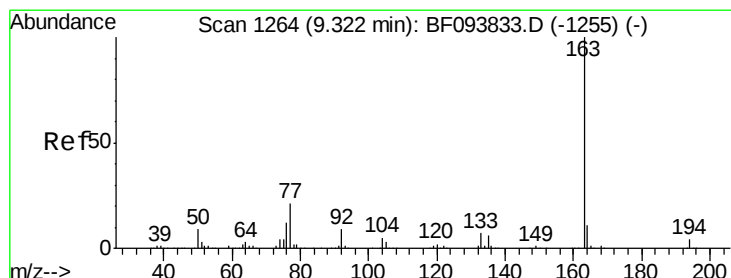
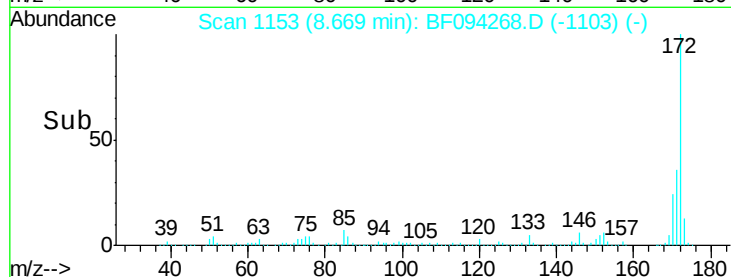
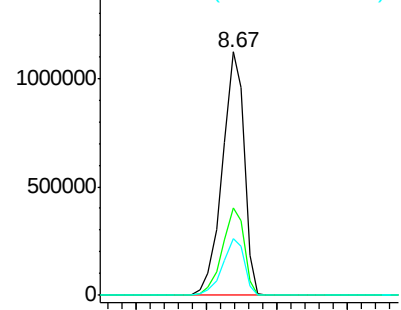
#44
2-Fluorobiphenyl
Concen: 63.81 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
GW-1

Tot Ion:172 Resp: 1202568
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8

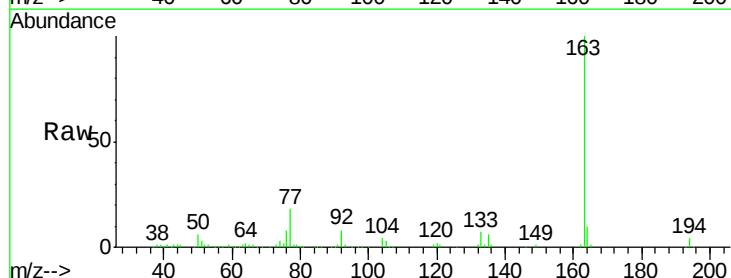


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

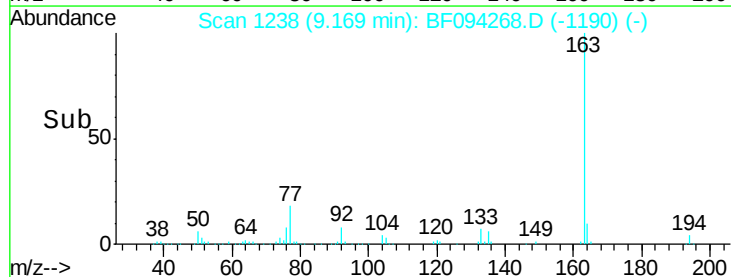
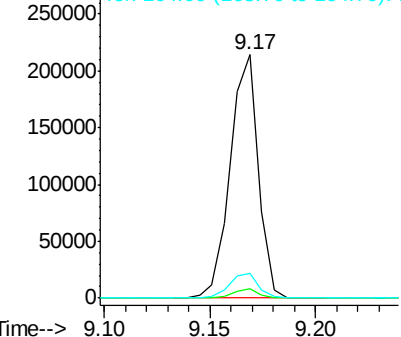


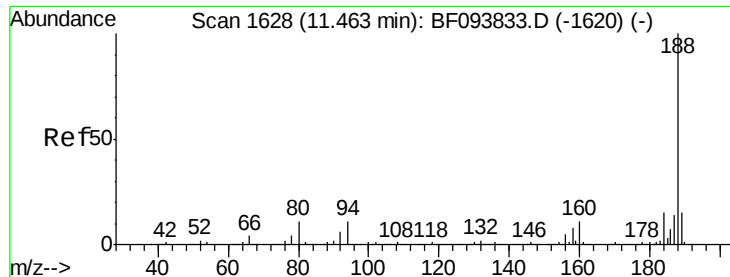
#49
Dimethylphthalate
Concen: 9.65 ng
RT: 9.17 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion:163 Resp: 197277
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.3 8.4 12.6



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

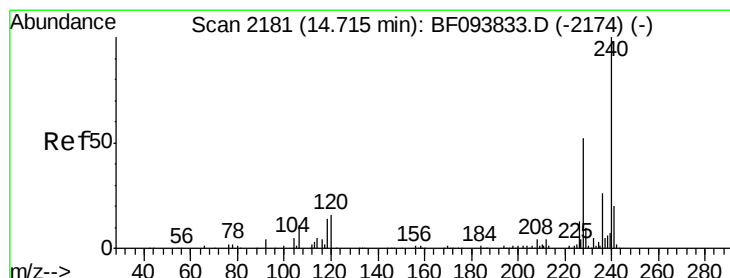
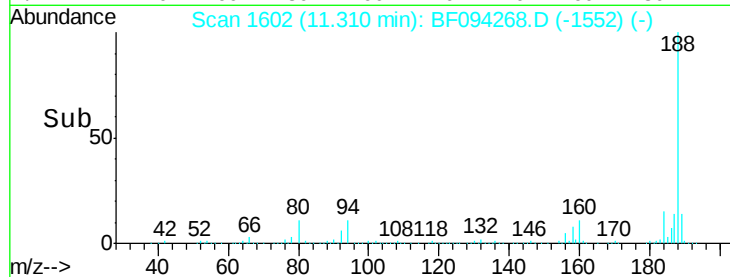
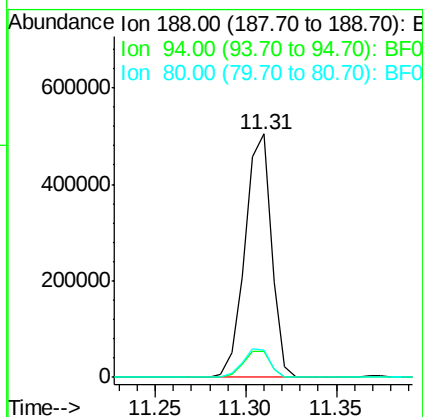
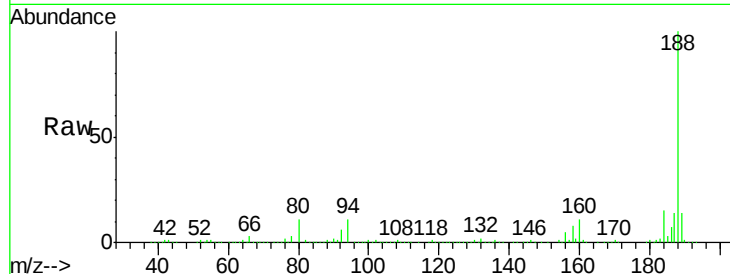




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

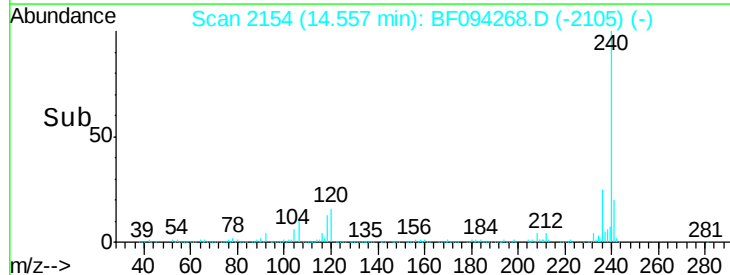
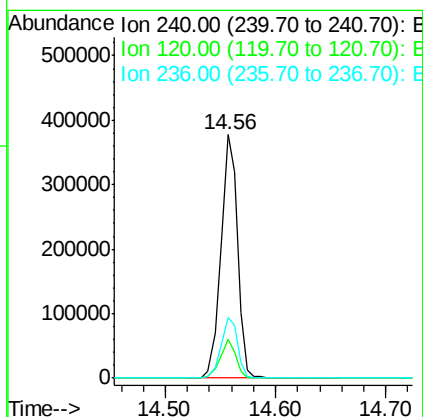
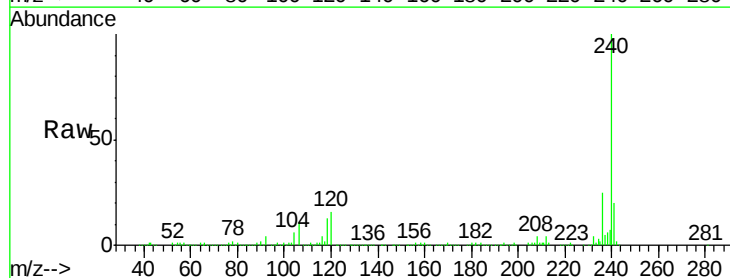
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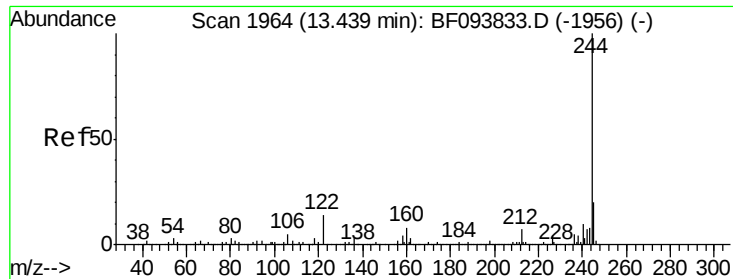
Tot Ion:188 Resp: 512761
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094268.D
Acq: 7 Apr 2017 13:00

Tgt Ion:240 Resp: 396585
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 54.97 ng

RT: 13.29 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

Instrument :

BNA_F

ClientSampled :

GW-1

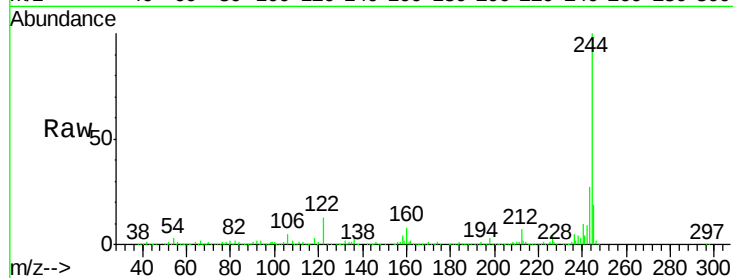
Tot Ion:244 Resp: 972658

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

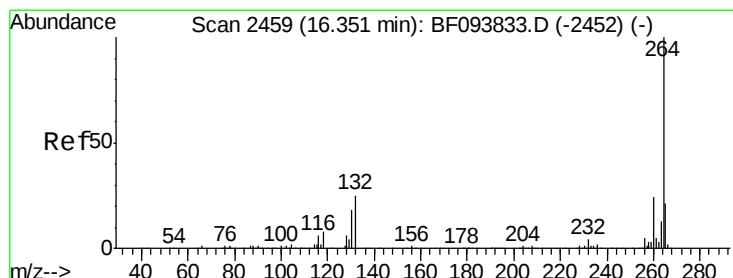
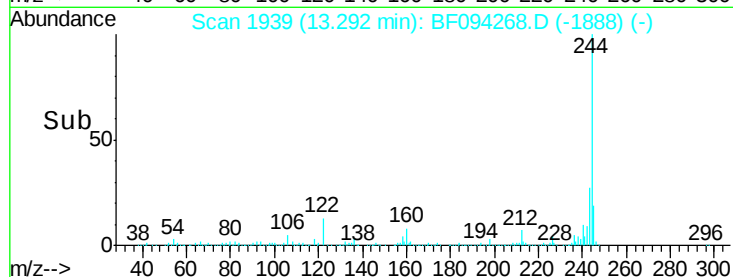
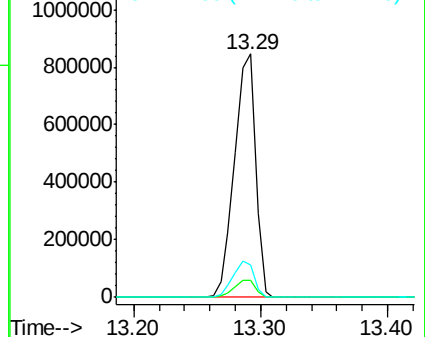
122 13.4 10.3 15.5



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: 16.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BF094268.D

Acq: 7 Apr 2017 13:00

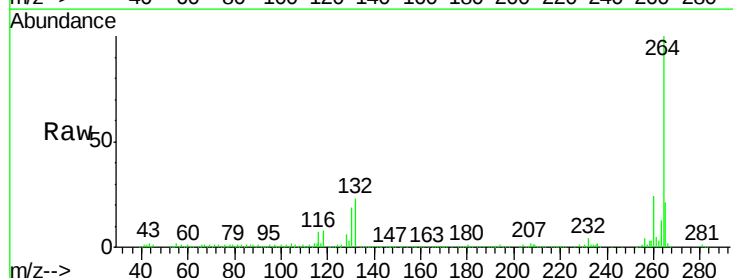
Tgt Ion:264 Resp: 258145

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.4 17.2 25.8



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

