

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092340.D
 Acq On : 18 Jan 2017 2:40
 Operator : UM/SJ
 Sample : I1162-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Jan 18 05:01:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

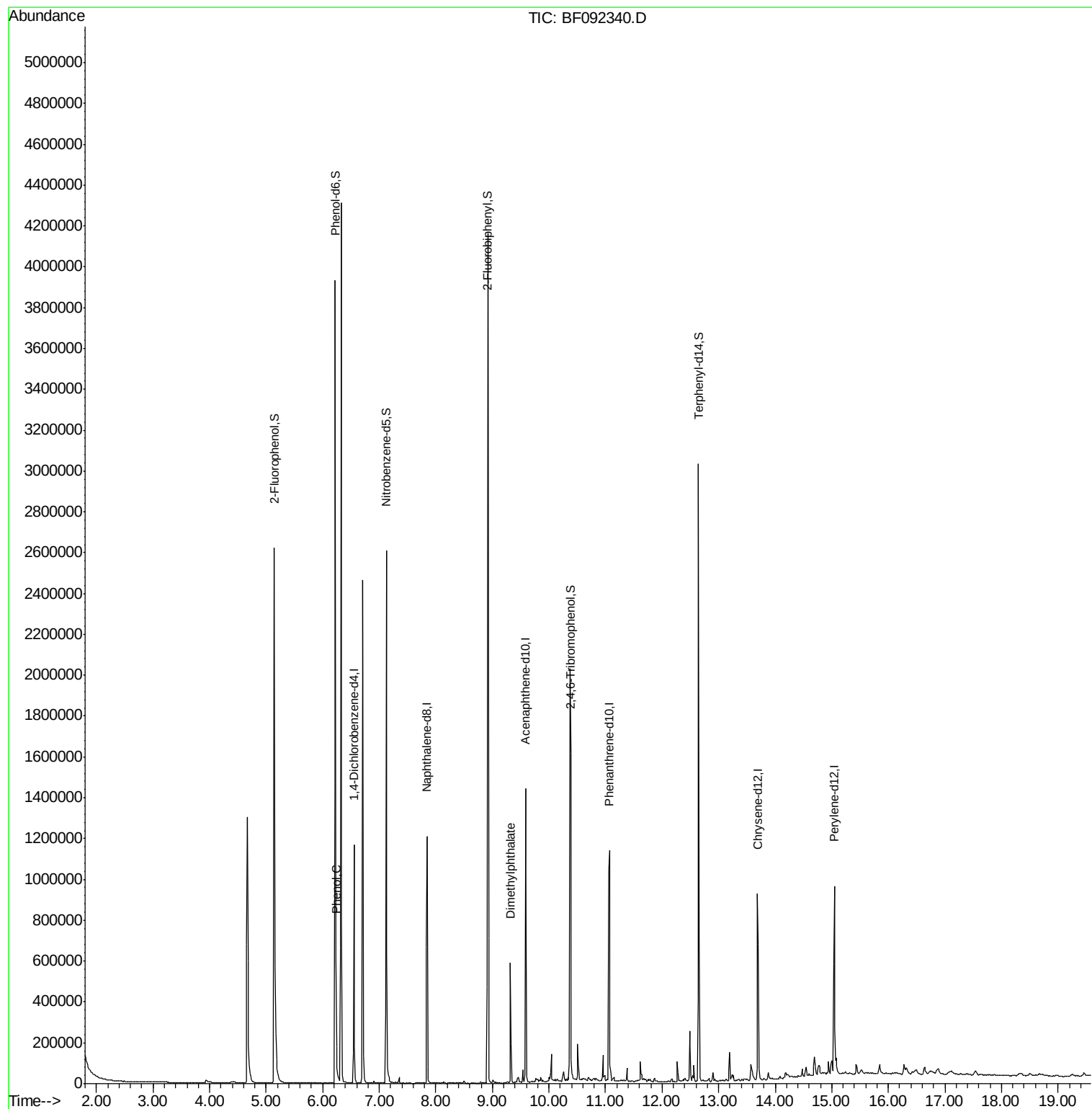
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	175659	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	694915	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	418174	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	624734	20.00	ng	0.00
75) Chrysene-d12	13.69	240	390657	20.00	ng	-0.01
86) Perylene-d12	15.05	264	433807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1313544	124.86	ng	0.01
7) Phenol-d6	6.22	99	1496110	116.48	ng	0.00
23) Nitrobenzene-d5	7.12	82	918180	73.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	362616	104.78	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1237031	56.25	ng	0.00
78) Terphenyl-d14	12.65	244	956501	59.38	ng	0.00
Target Compounds						
10) Phenol	6.23	94	78498	5.36	ng	# 70
49) Dimethylphthalate	9.32	163	253617	9.48	ng	# 99

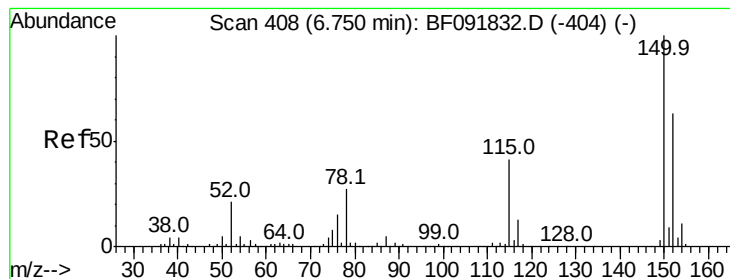
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

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ClientSampleId :

SB-09-COMP

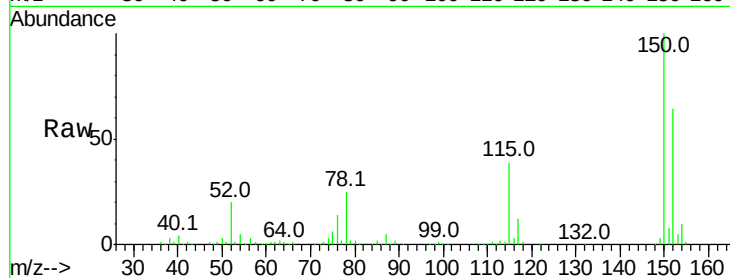
Tot Ion:152 Resp: 175659

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

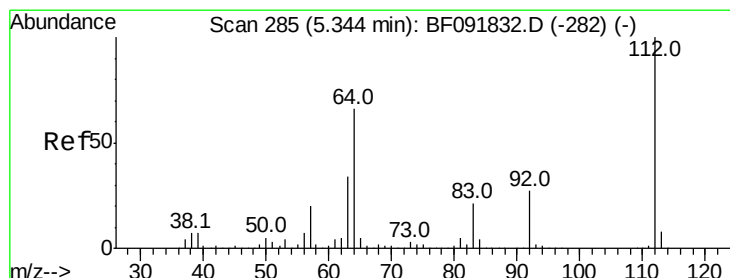
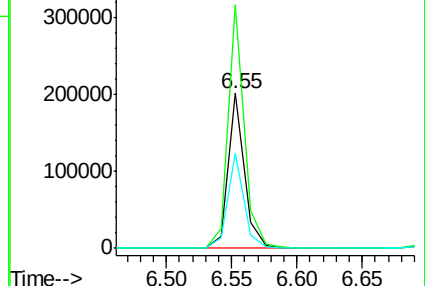
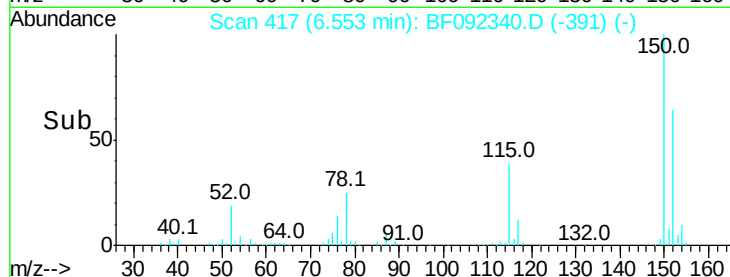
115 61.2 46.0 69.0



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: 124.86 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

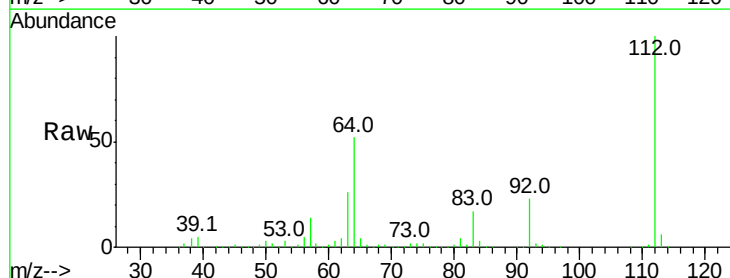
Tgt Ion:112 Resp: 1313544

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

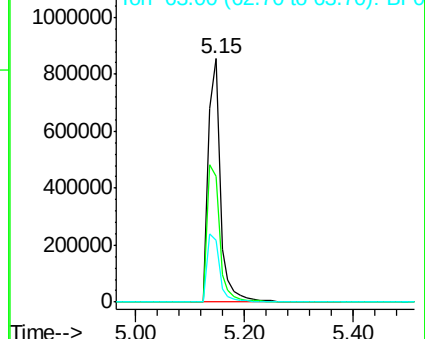
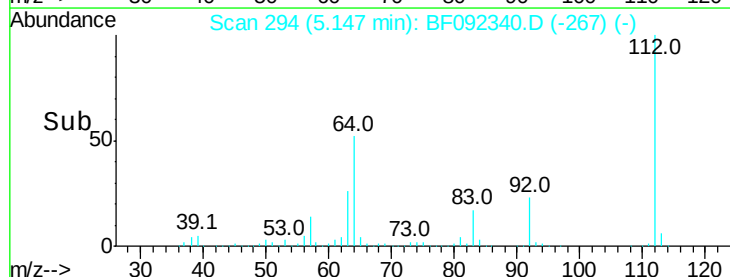
63 25.7 23.8 35.6

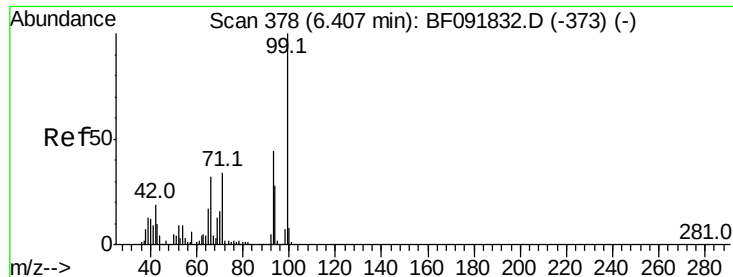


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.48 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

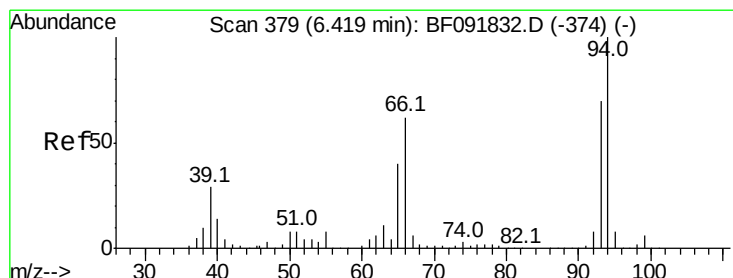
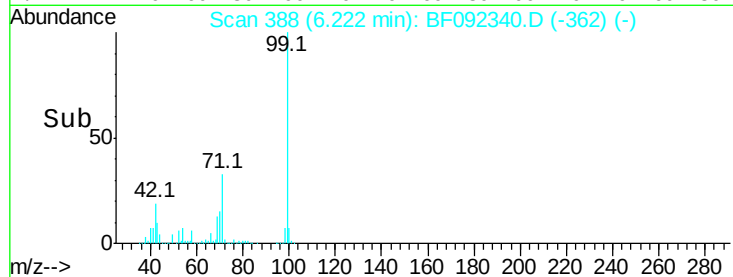
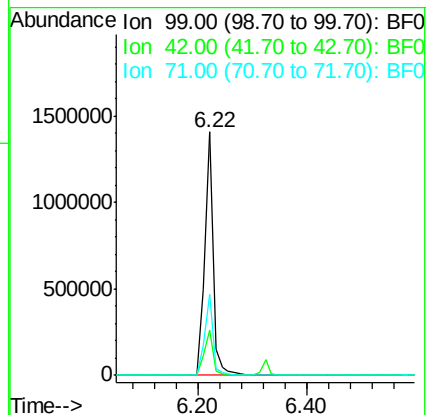
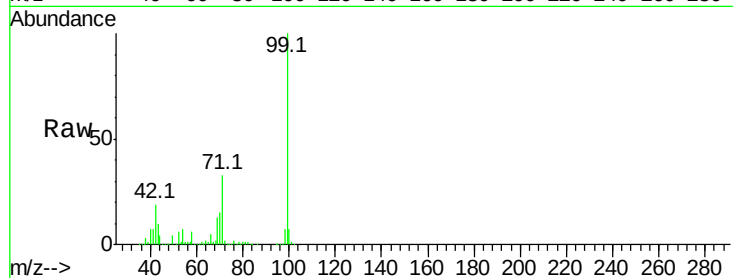
Tot Ion: 99 Resp: 1496110

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 33.3 27.5 41.3



#10

Phenol

Concen: 5.36 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

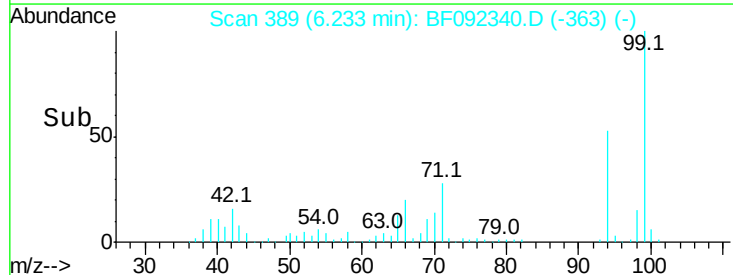
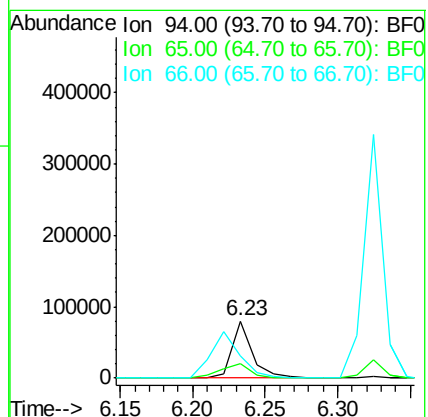
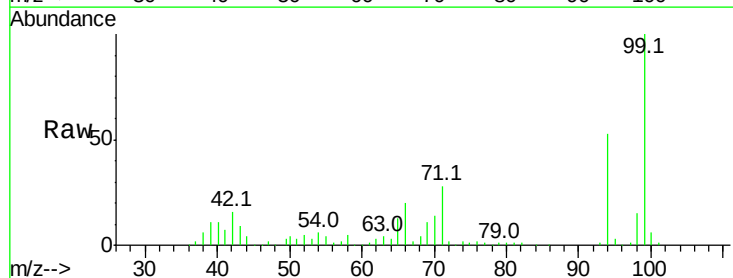
Tgt Ion: 94 Resp: 78498

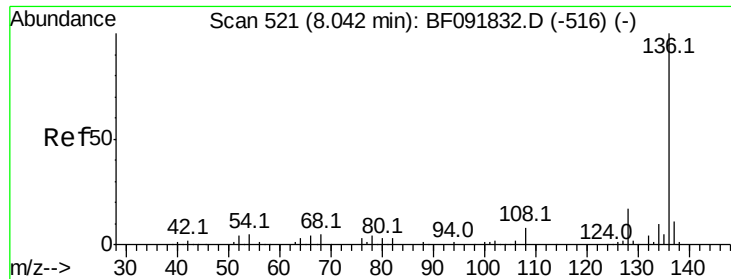
Ion Ratio Lower Upper

94 100

65 25.5 21.4 61.4

66 38.0 44.0 84.0#

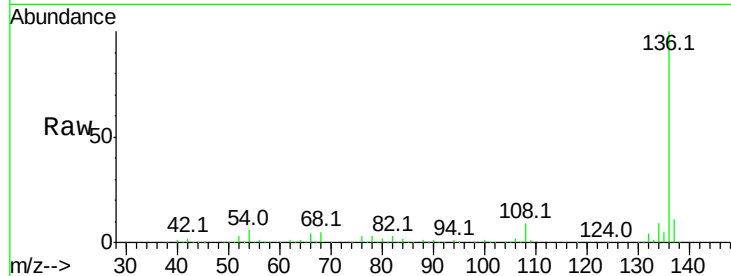




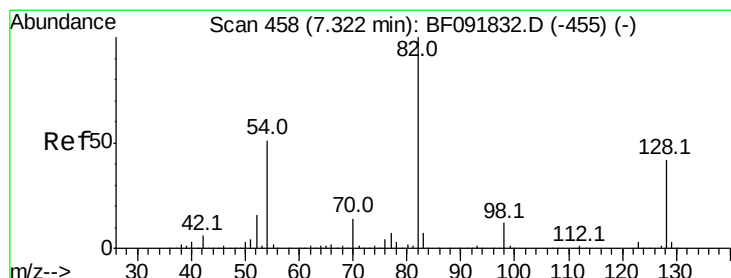
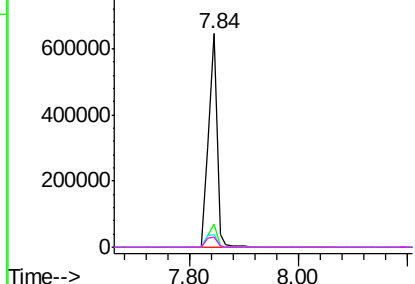
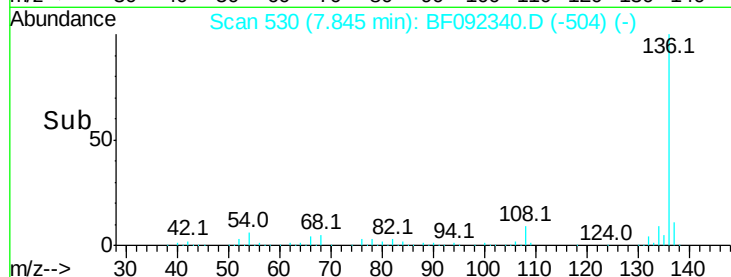
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion:	136	Resp:	694915
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.0	4.5	6.7
68	4.8	3.6	5.4

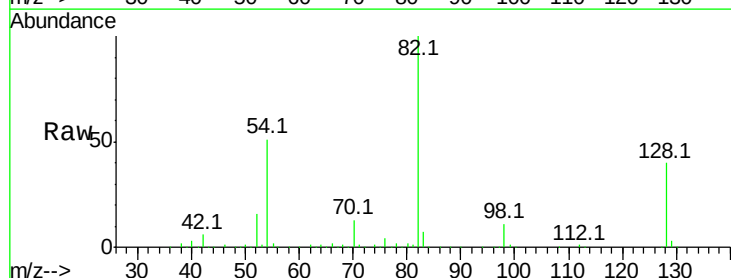


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

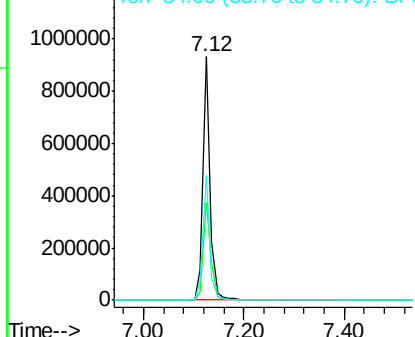
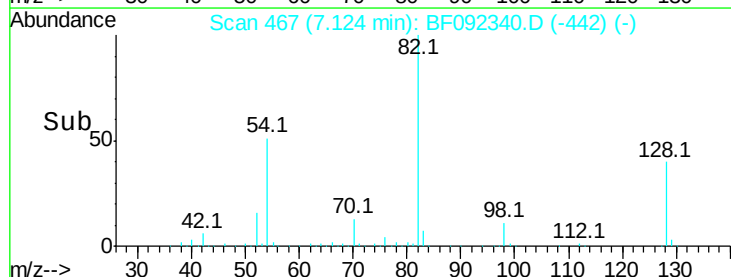


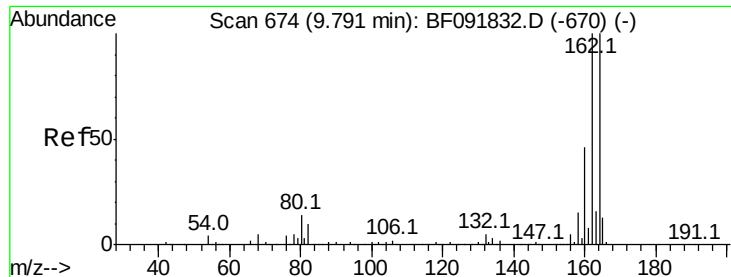
#23
Nitrobenzene-d5
Concen: 73.47 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:	82	Resp:	918180
Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	50.9	39.5	59.3



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: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

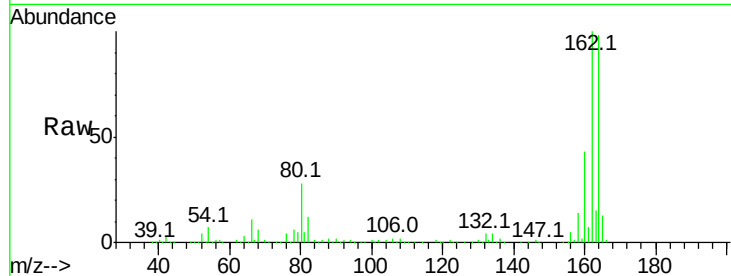
Tot Ion:164 Resp: 418174

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

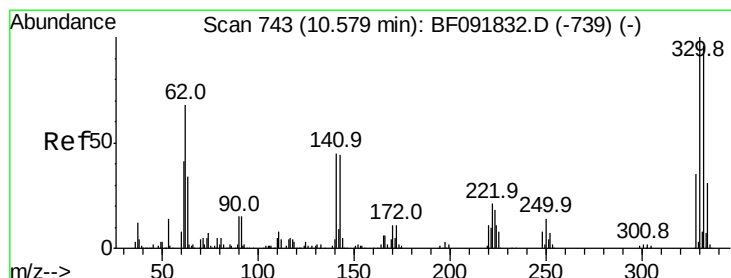
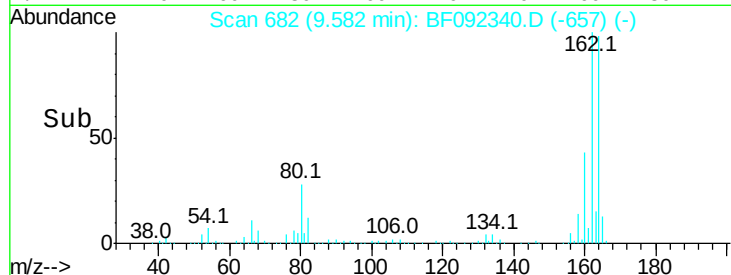
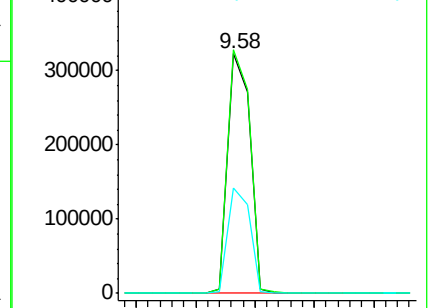
160 43.8 36.9 55.3



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: 104.78 ng

RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

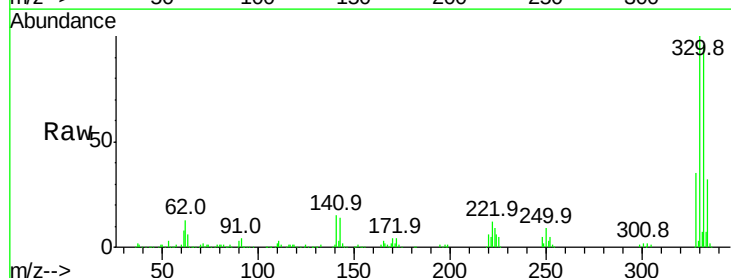
Tgt Ion:330 Resp: 362616

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

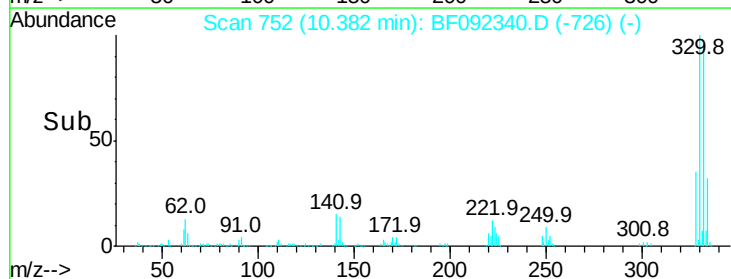
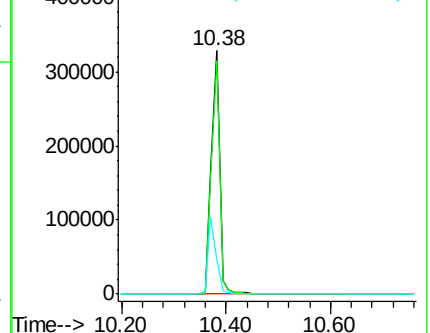
141 31.2 34.1 51.1#

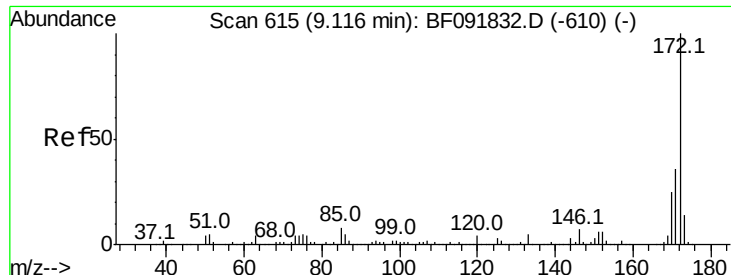


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

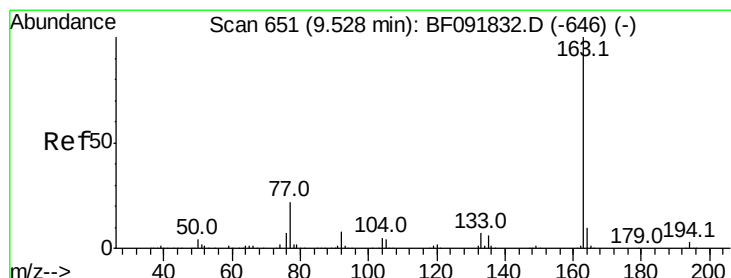
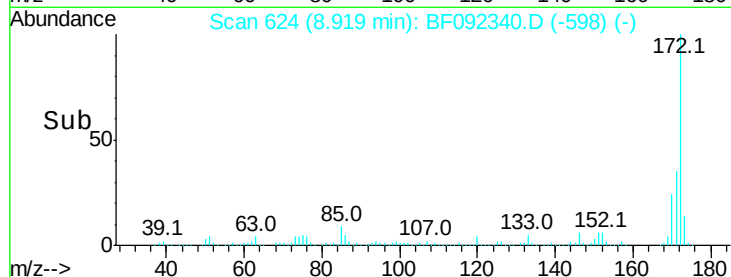
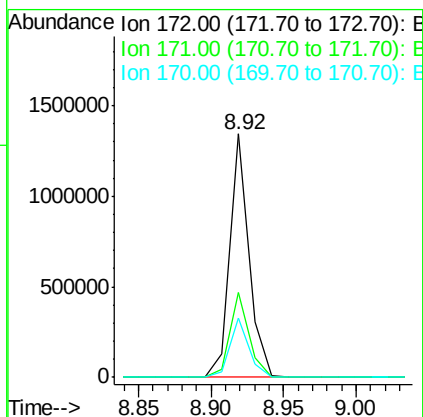
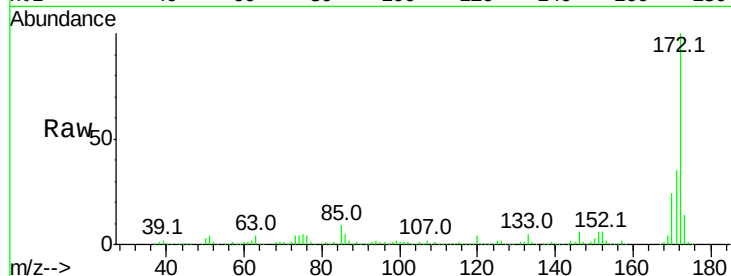




#44
2-Fluorobiphenyl
Concen: 56.25 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

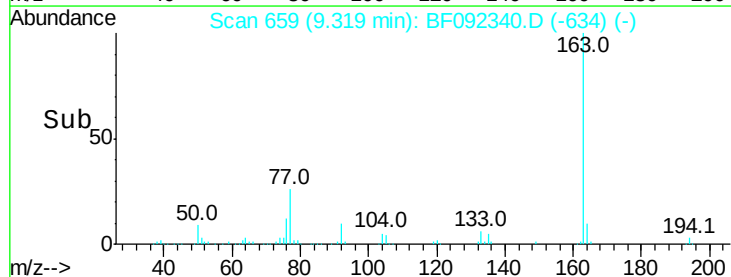
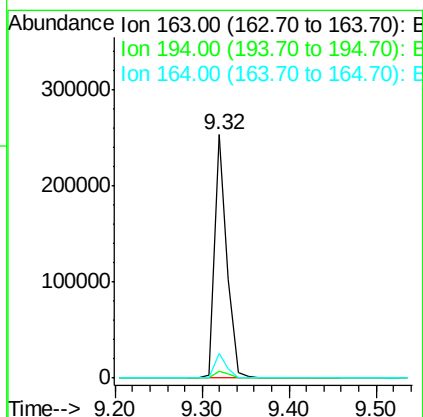
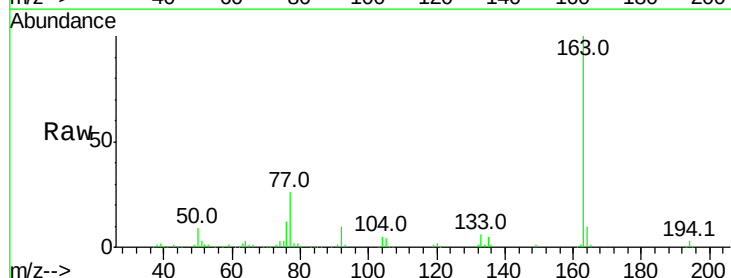
Instrument :
BNA_F
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SB-09-COMP

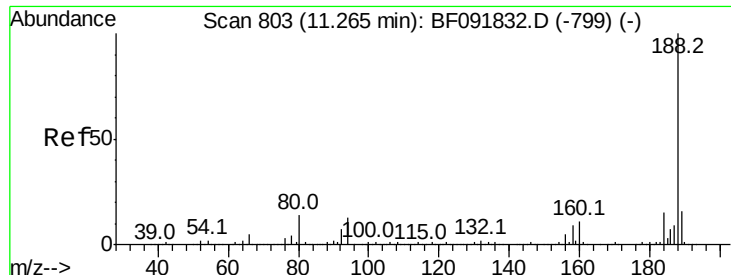
Tot Ion:172 Resp: 1237031
Ion Ratio Lower Upper
172 100
171 34.9 29.4 44.0
170 24.2 20.2 30.4



#49
Dimethylphthalate
Concen: 9.48 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:163 Resp: 253617
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.4 8.0 12.0

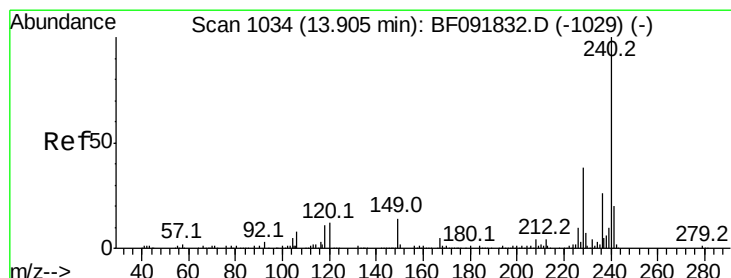
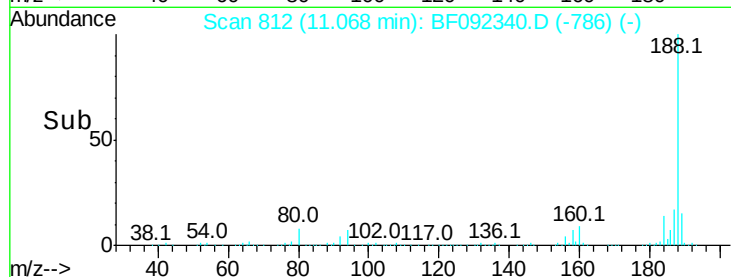
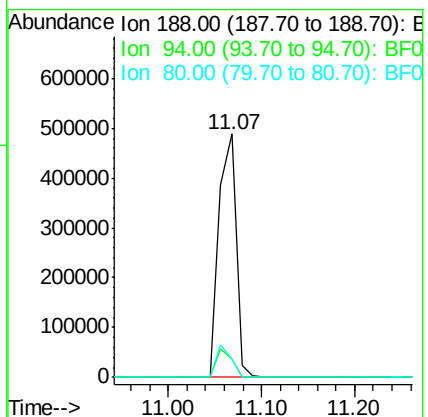
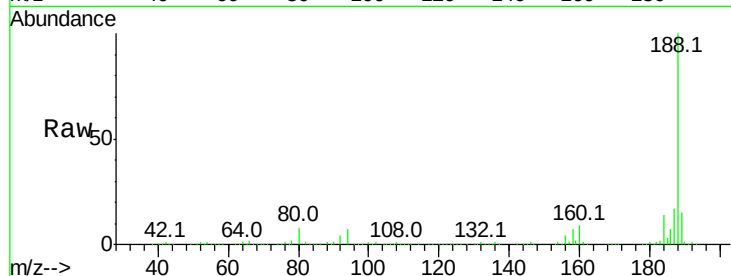




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

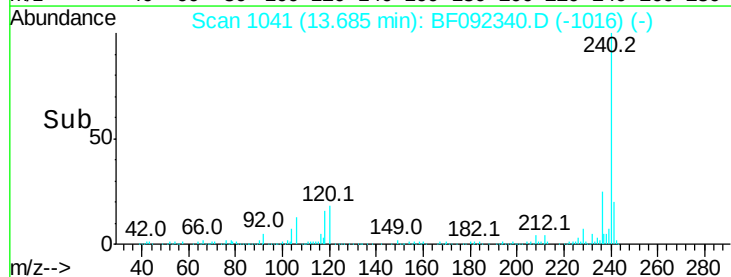
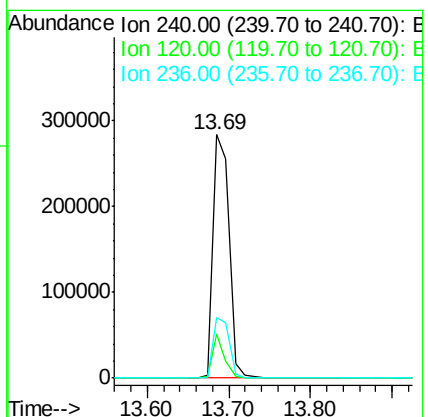
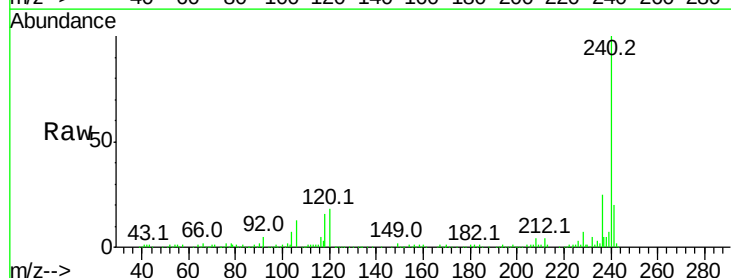
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

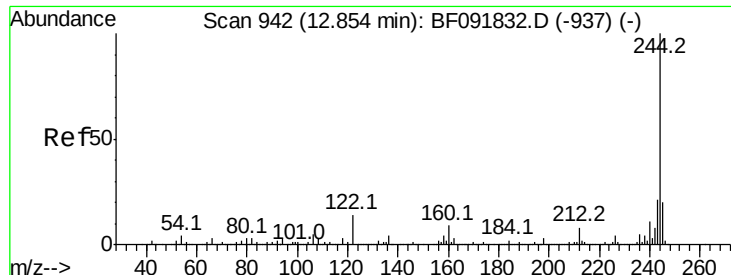
Tot Ion:188 Resp: 624734
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.7 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:240 Resp: 390657
Ion Ratio Lower Upper
240 100
120 18.2 12.9 19.3
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 59.38 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

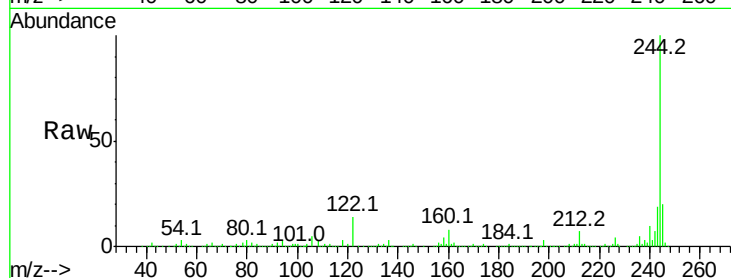
Tot Ion:244 Resp: 956501

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

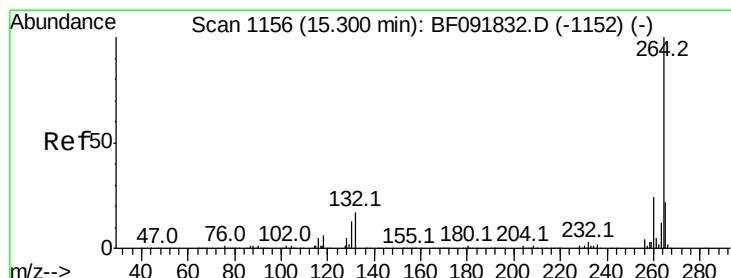
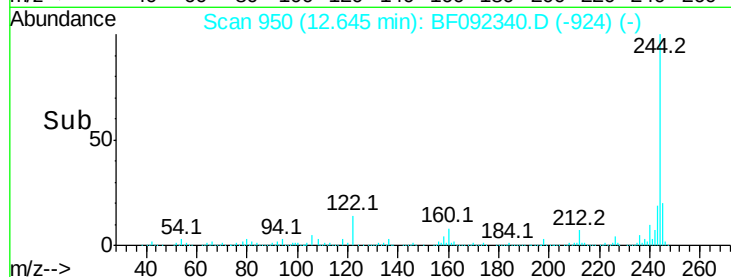
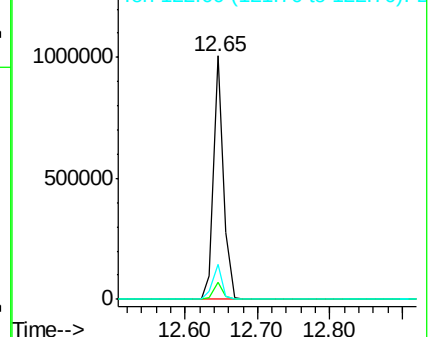
122 14.2 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092340.D

Acq: 18 Jan 2017 2:40

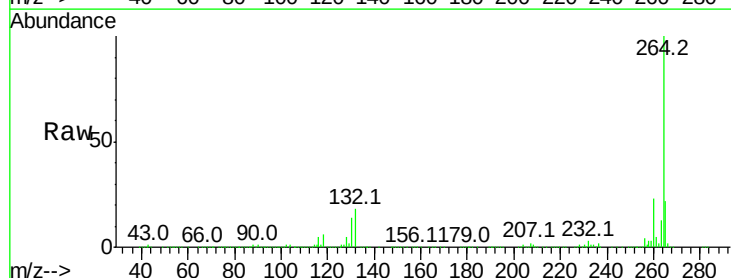
Tgt Ion:264 Resp: 433807

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.9 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

