

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092339.D
 Acq On : 18 Jan 2017 2:12
 Operator : UM/SJ
 Sample : I1162-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jan 18 04:59:30 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

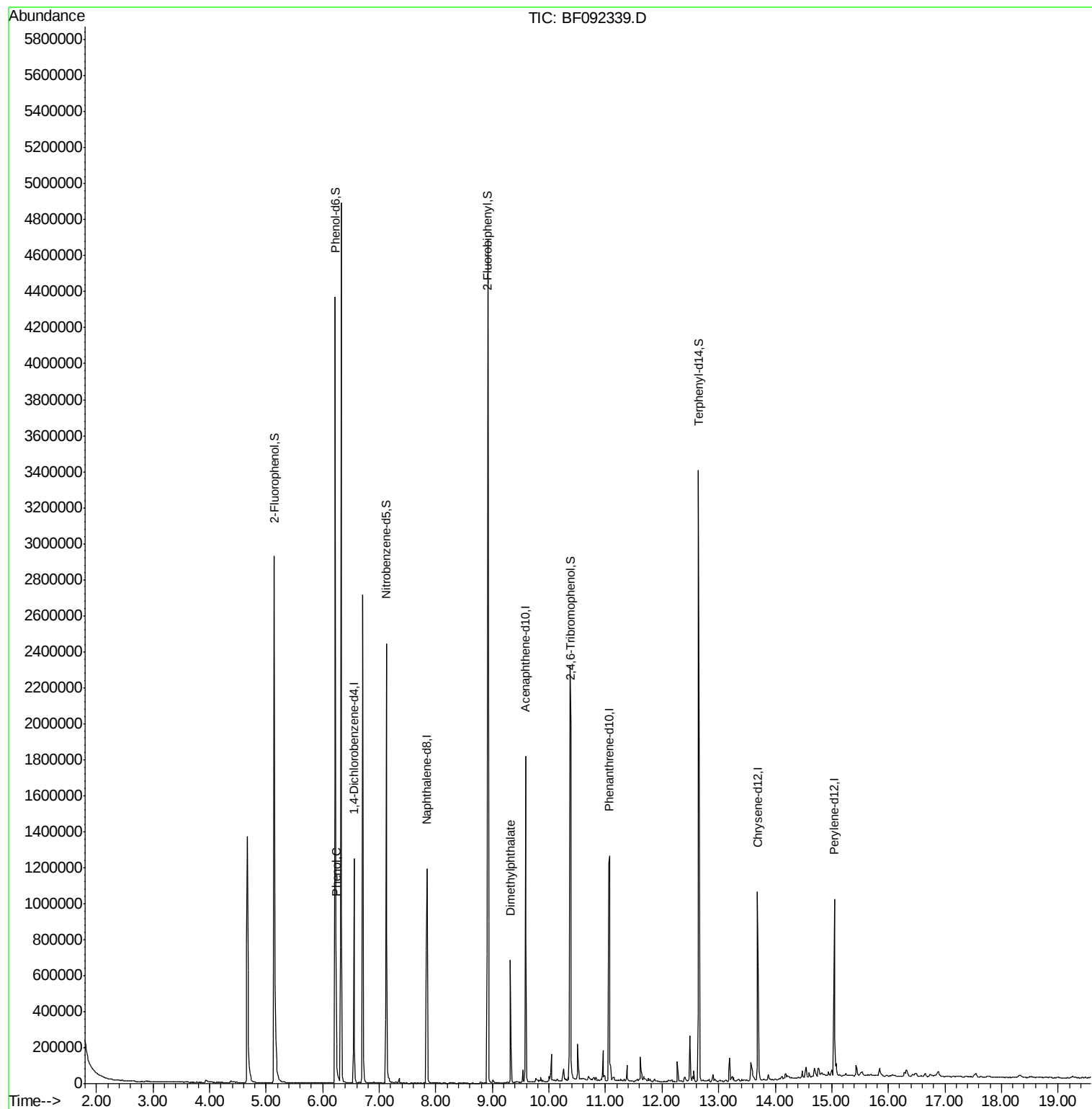
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	192513	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	712108	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	444436	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	709122	20.00	ng	0.00
75) Chrysene-d12	13.69	240	432238	20.00	ng	-0.01
86) Perylene-d12	15.05	264	432574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1422625	123.39	ng	0.01
7) Phenol-d6	6.22	99	1710543	121.52	ng	0.00
23) Nitrobenzene-d5	7.12	82	924677	72.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	437565	118.97	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1451640	63.69	ng	0.00
78) Terphenyl-d14	12.65	244	1344155	75.42	ng	0.00
Target Compounds						
10) Phenol	6.23	94	114380	7.13	ng	Qvalue # 68
49) Dimethylphthalate	9.32	163	291277	10.25	ng	99

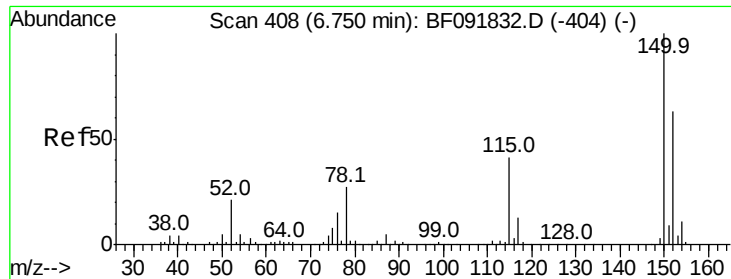
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092339.D

Acq: 18 Jan 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

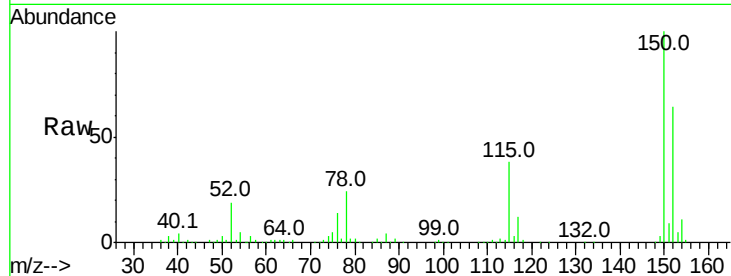
Tot Ion:152 Resp: 192513

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

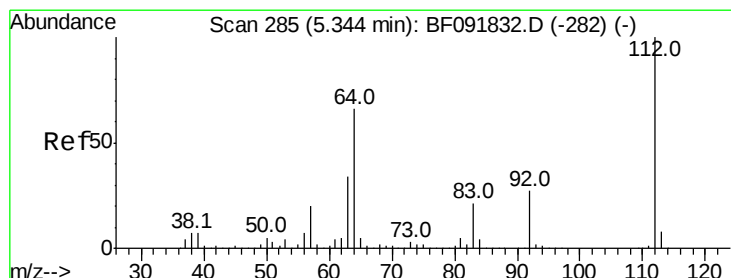
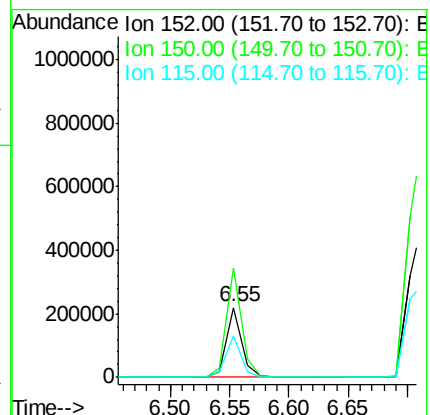
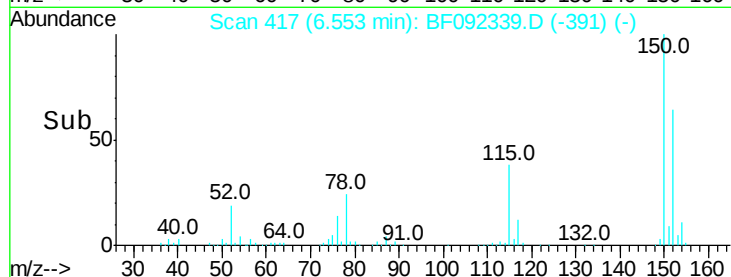
115 58.6 46.0 69.0



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: 123.39 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092339.D

Acq: 18 Jan 2017 2:12

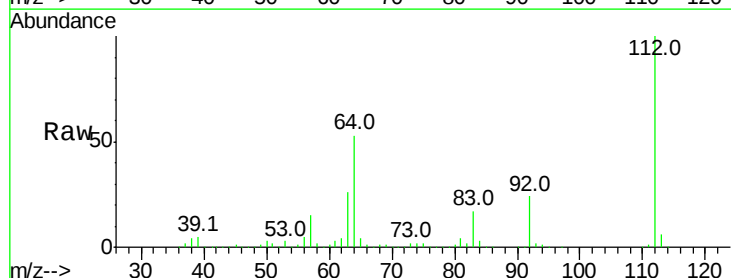
Tgt Ion:112 Resp: 1422625

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

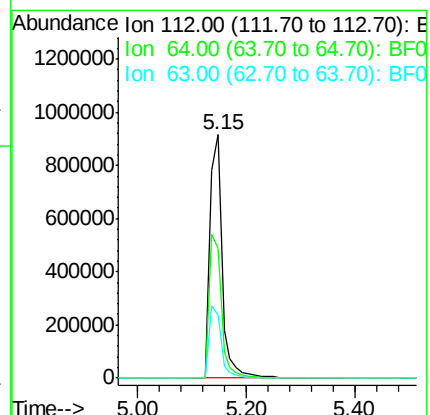
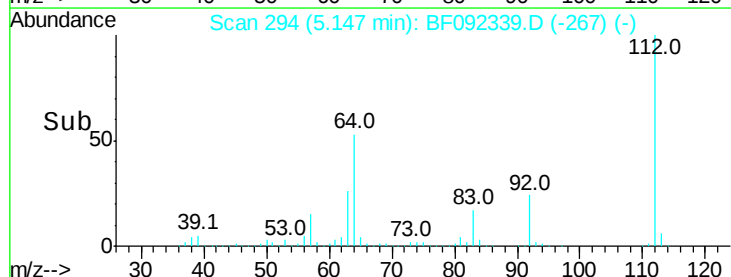
63 26.2 23.8 35.6

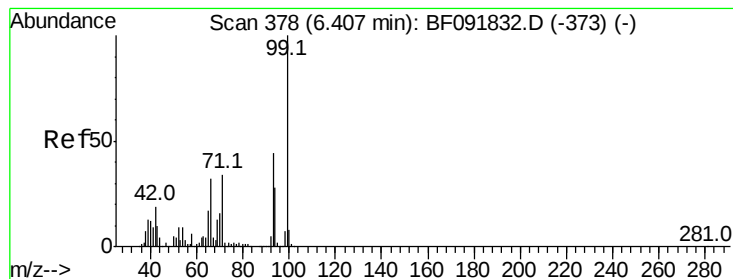


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.52 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092339.D

Acq: 18 Jan 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

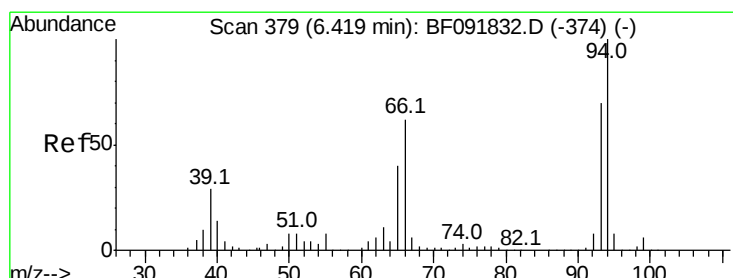
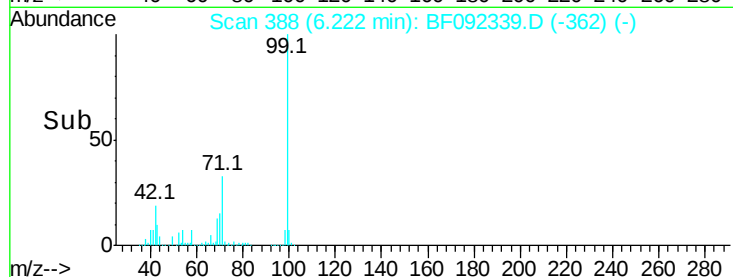
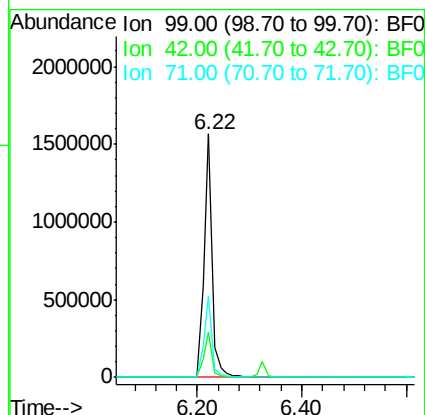
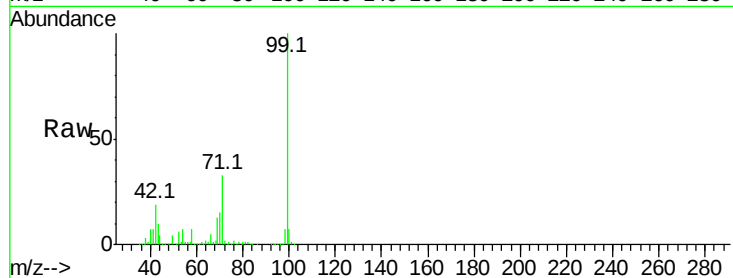
Tot Ion: 99 Resp: 1710543

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

71 33.1 27.5 41.3



#10

Phenol

Concen: 7.13 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092339.D

Acq: 18 Jan 2017 2:12

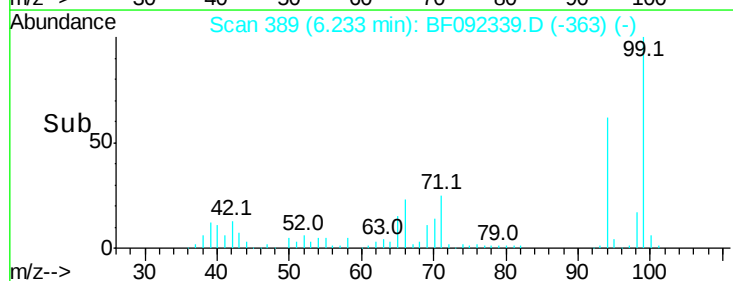
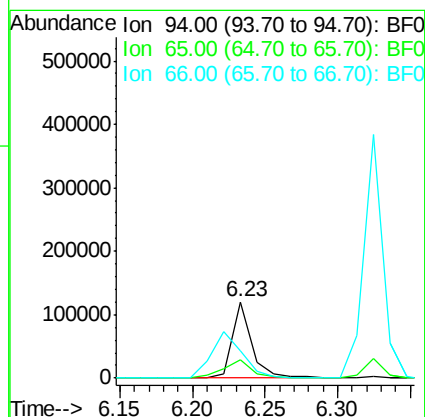
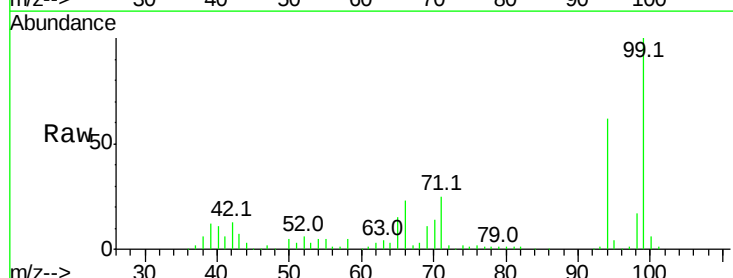
Tgt Ion: 94 Resp: 114380

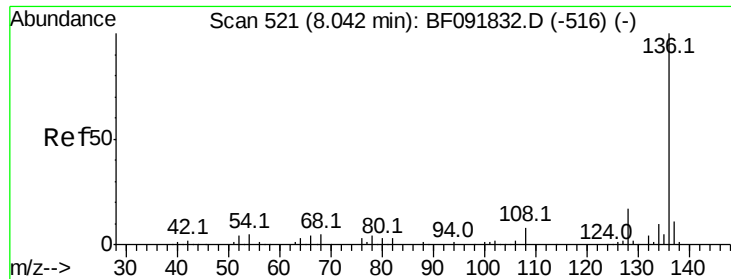
Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

66 36.1 44.0 84.0#

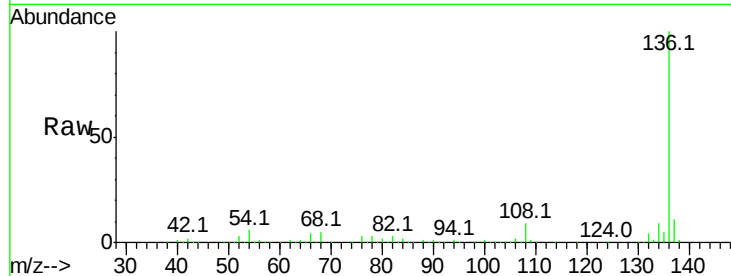




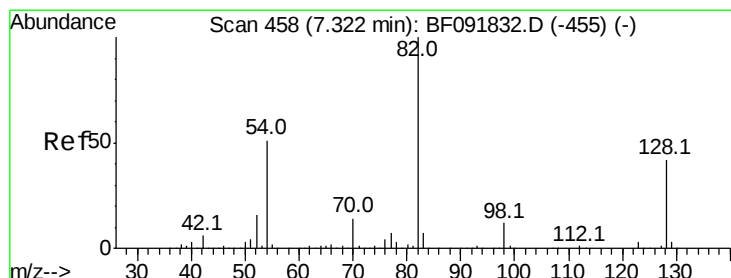
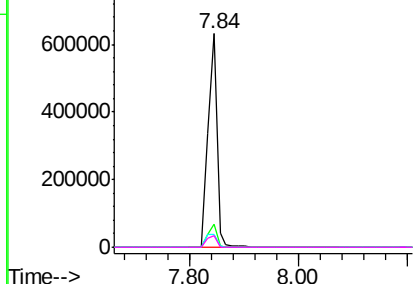
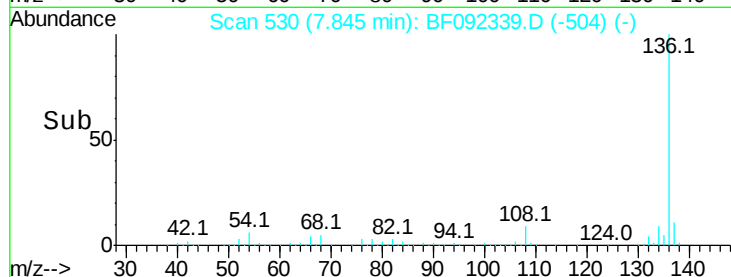
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092339.D
Acq: 18 Jan 2017 2:12

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:136	Resp:	712108
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.4	12.6
54 6.1	4.5	6.7
68 5.1	3.6	5.4

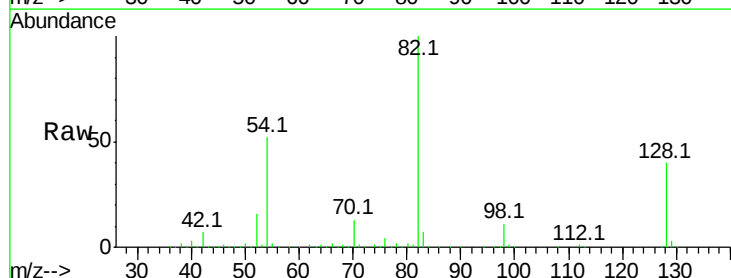


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

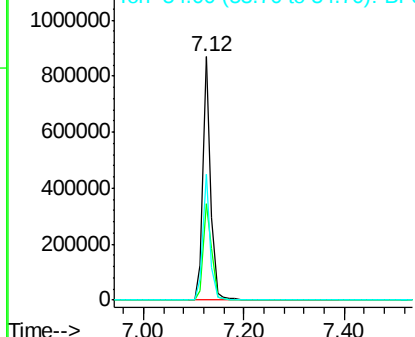
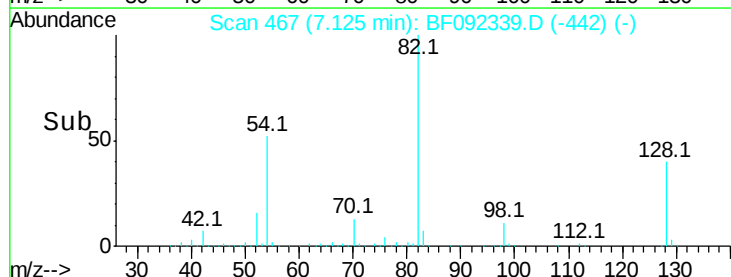


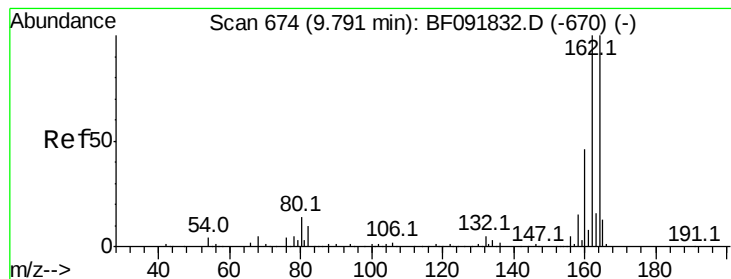
#23
Nitrobenzene-d5
Concen: 72.20 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092339.D
Acq: 18 Jan 2017 2:12

Tgt Ion: 82	Resp: 924677
Ion Ratio	Lower Upper
82 100	
128 39.5	34.6 52.0
54 51.5	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: BF092339.D

Acq: 18 Jan 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

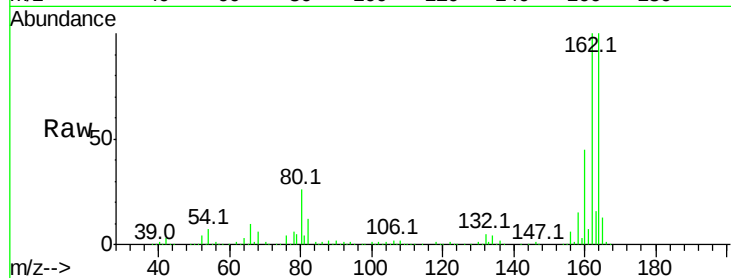
Tot Ion:164 Resp: 444436

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

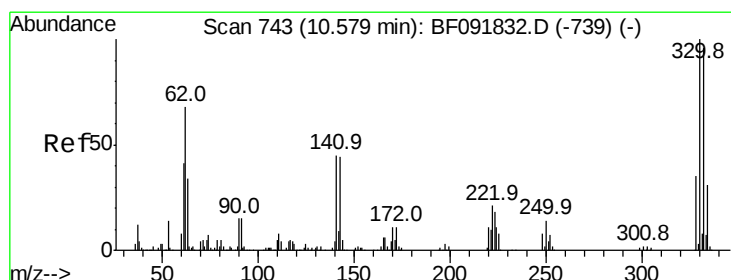
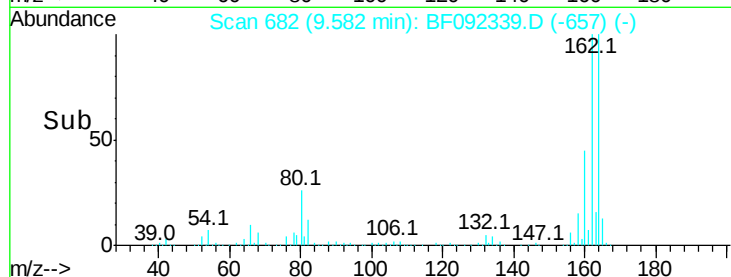
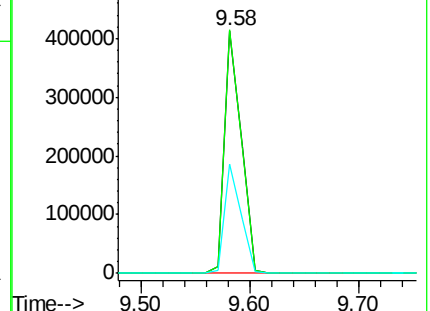
160 44.8 36.9 55.3



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: 118.97 ng

RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092339.D

Acq: 18 Jan 2017 2:12

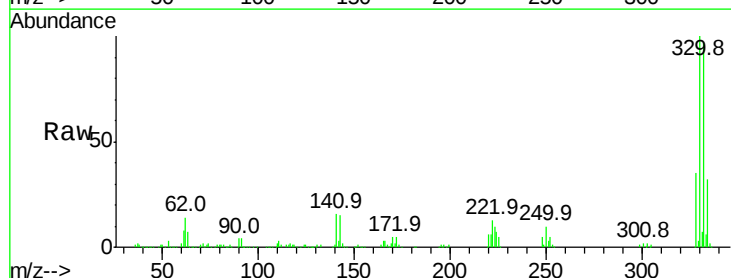
Tgt Ion:330 Resp: 437565

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

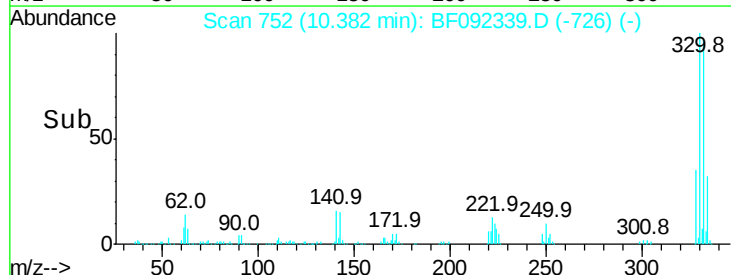
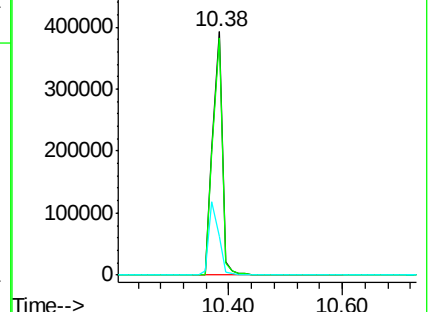
141 30.7 34.1 51.1#



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

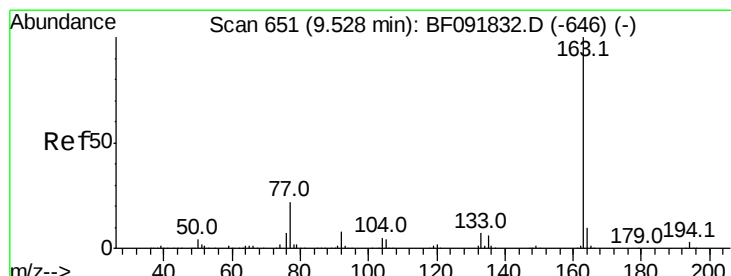
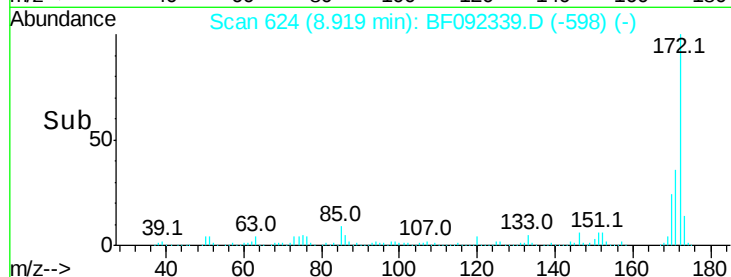
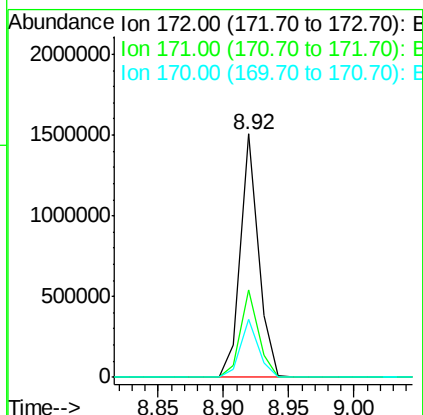
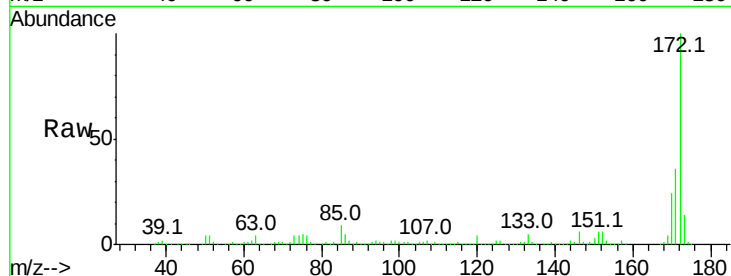




#44
2-Fluorobiphenyl
Concen: 63.69 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092339.D
Acq: 18 Jan 2017 2:12

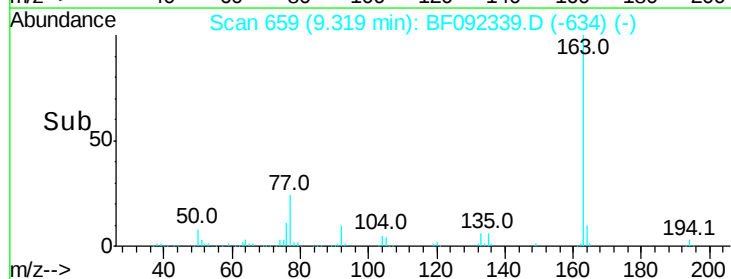
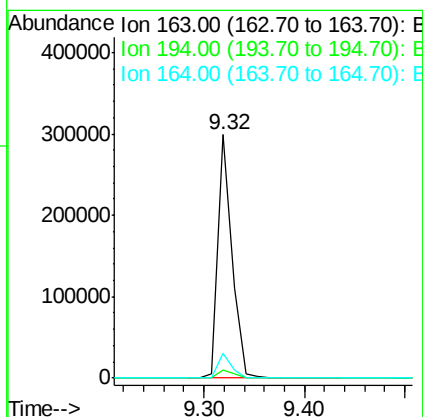
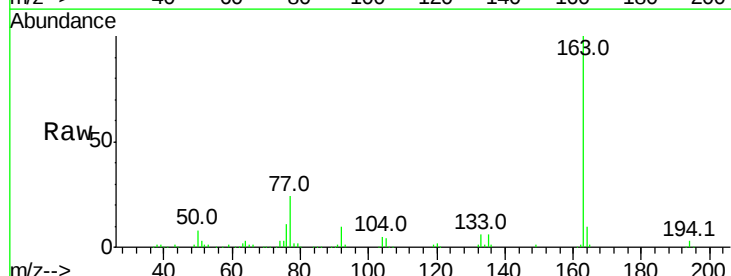
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SB-08-COMP

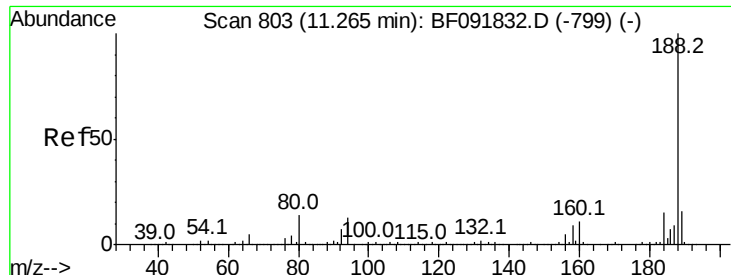
Tot Ion:172 Resp: 1451640
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.9 20.2 30.4



#49
Dimethylphthalate
Concen: 10.25 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092339.D
Acq: 18 Jan 2017 2:12

Tgt Ion:163 Resp: 291277
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.3 8.0 12.0

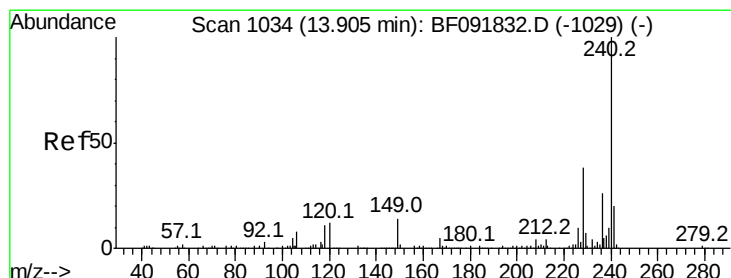
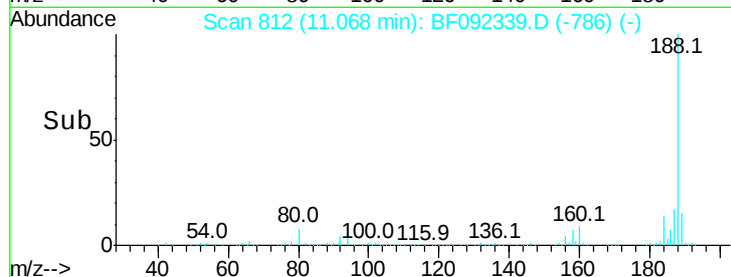
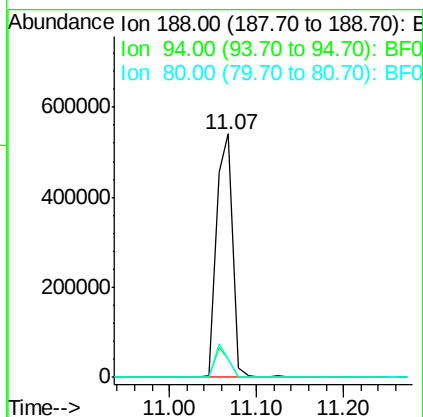
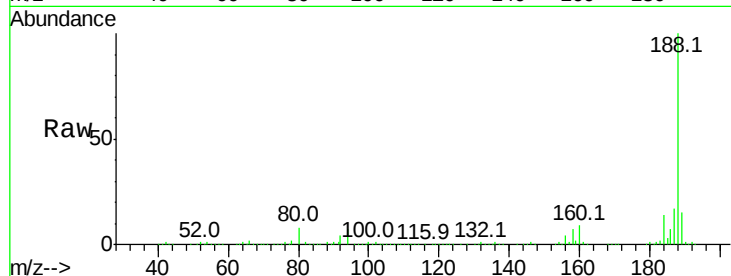




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF092339.D
 Acq: 18 Jan 2017 2:12

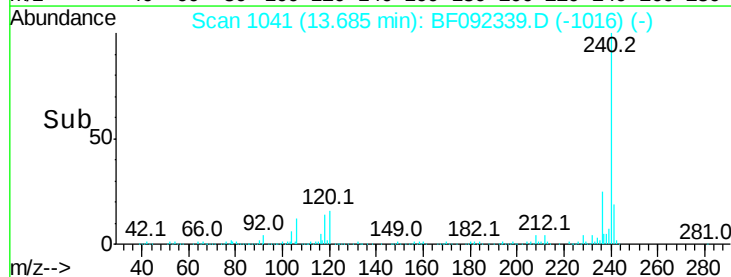
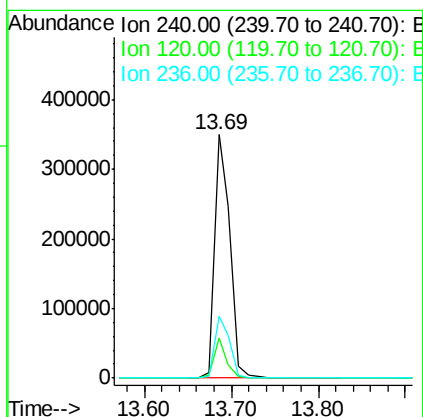
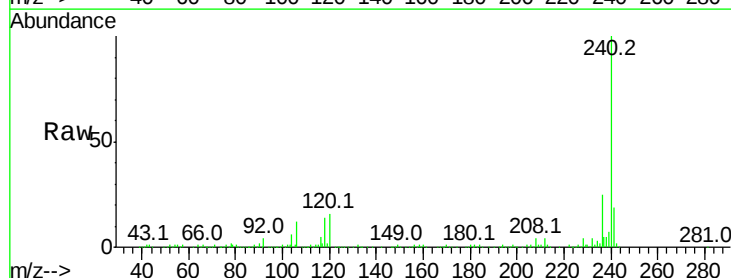
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

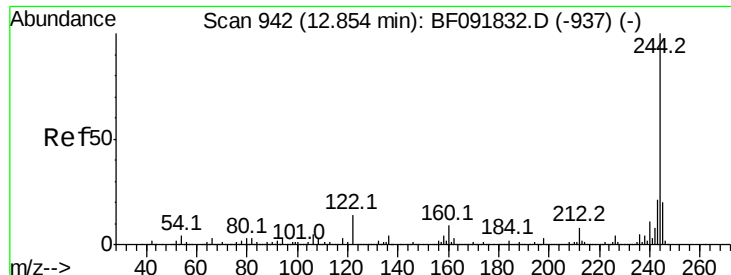
Tot Ion:188 Resp: 709122
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.0 15.0#
 80 7.7 11.2 16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092339.D
 Acq: 18 Jan 2017 2:12

Tgt Ion:240 Resp: 432238
 Ion Ratio Lower Upper
 240 100
 120 16.4 12.9 19.3
 236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 75.42 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092339.D

Acq: 18 Jan 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

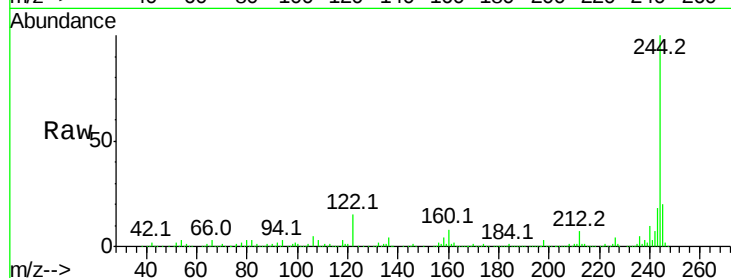
Tot Ion:244 Resp: 1344155

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

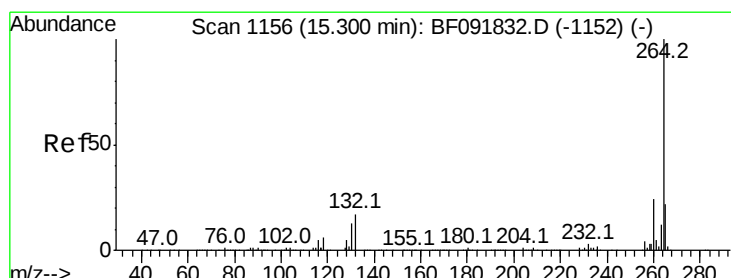
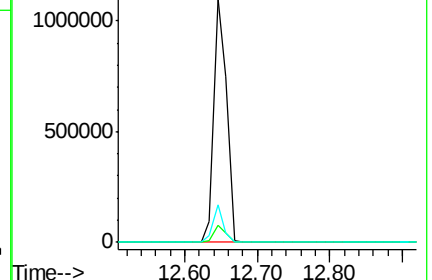
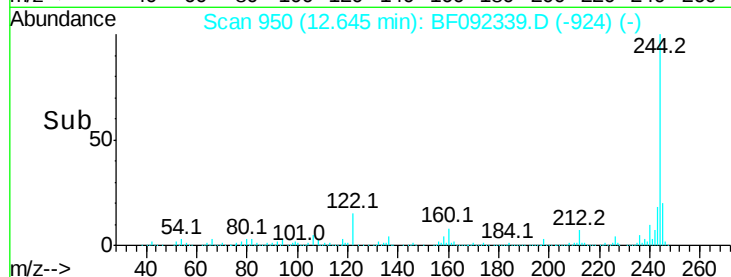
122 15.3 11.4 17.2



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: BF092339.D

Acq: 18 Jan 2017 2:12

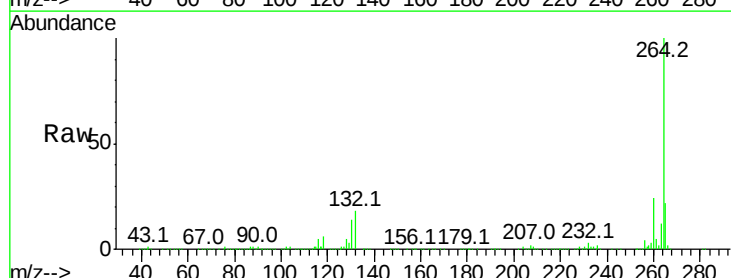
Tgt Ion:264 Resp: 432574

Ion Ratio Lower Upper

264 100

260 23.7 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

