

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091651.D
 Acq On : 16 Dec 2016 1:45
 Operator : UM/SJ
 Sample : H5940-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Quant Time: Dec 16 02:26:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

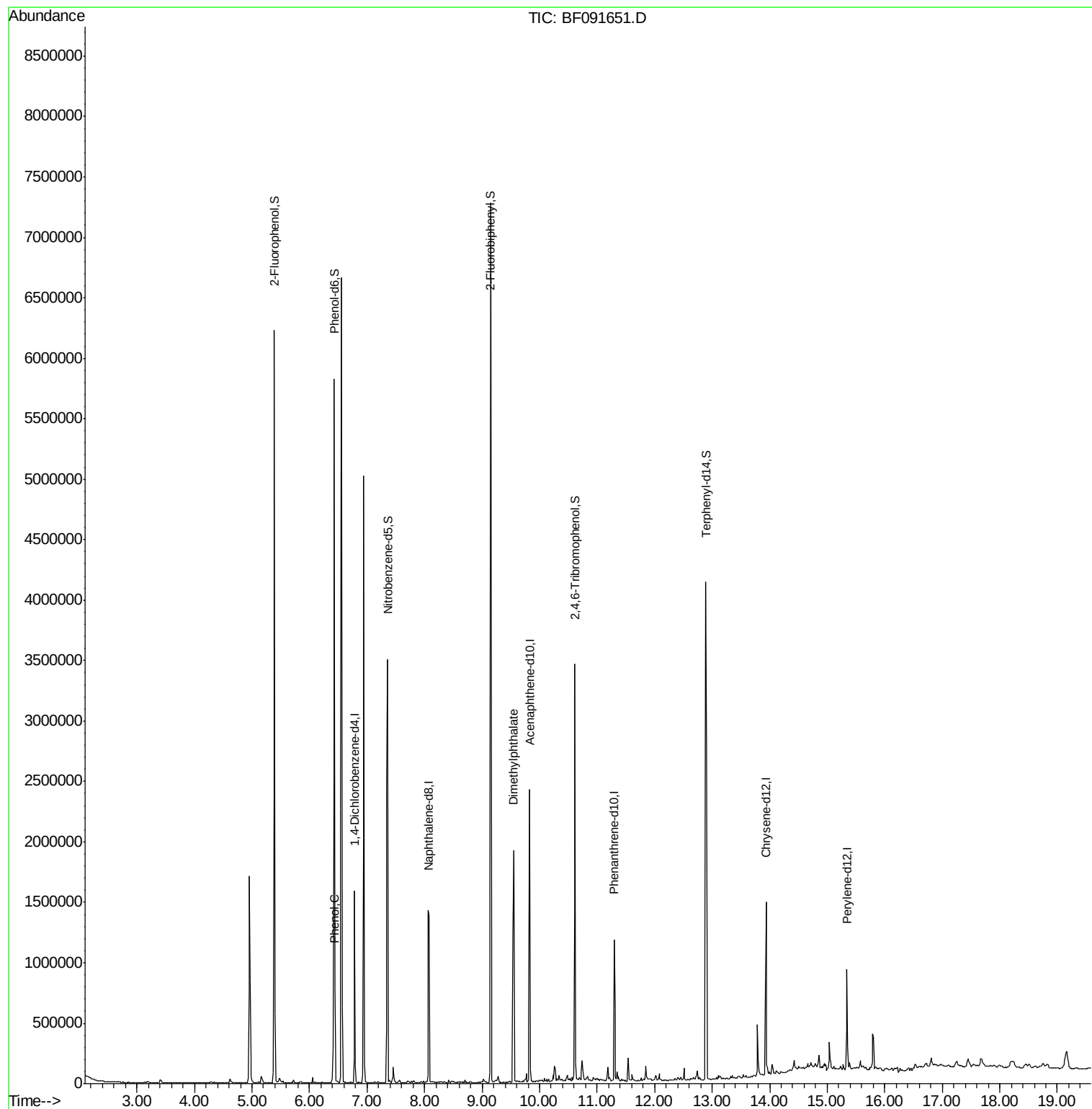
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211197	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1003732	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	476340	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	489557	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	568547	20.00	ng	0.00
86) Perylene-d12	15.35	264	351742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1756623	140.13	ng	0.01
7) Phenol-d6	6.43	99	2171921	138.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	1549172	86.14	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	408923	103.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2156951	78.24	ng	0.00
78) Terphenyl-d14	12.89	244	1694226	67.62	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	53960	2.95	ng	95
49) Dimethylphthalate	9.55	163	1036406	34.36	ng	100

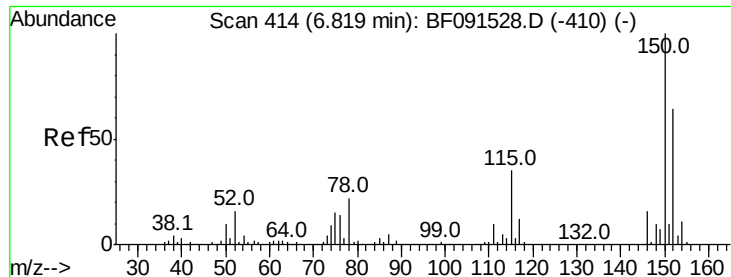
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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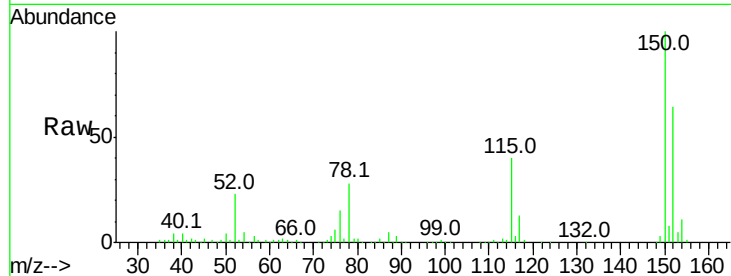


#1

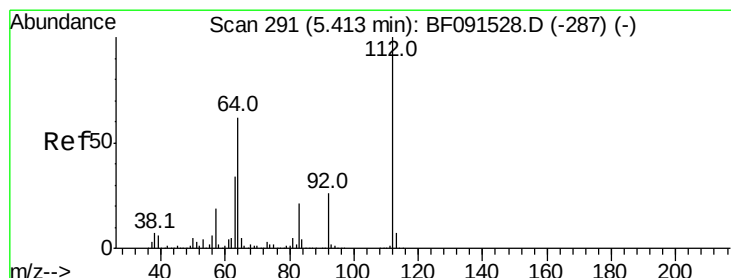
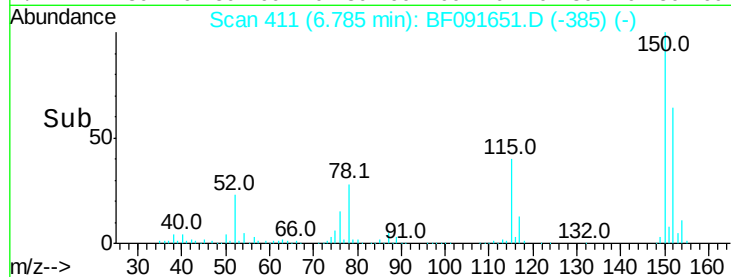
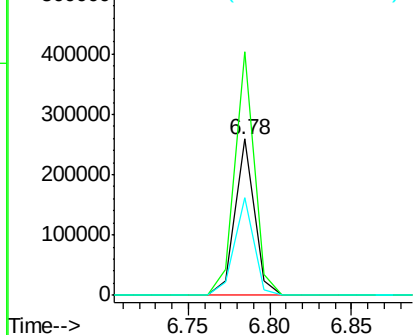
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tot Ion:152 Resp: 211197
Ion Ratio Lower Upper
152 100
150 155.9 122.5 183.7
115 62.7 51.8 77.8



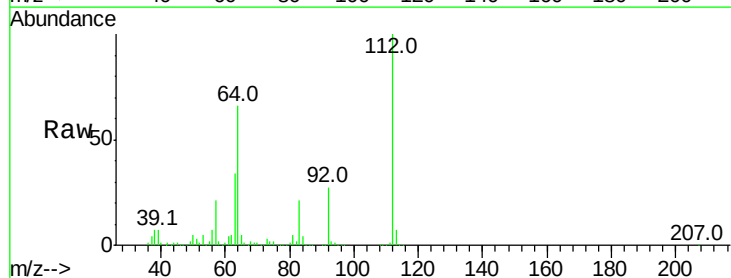
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



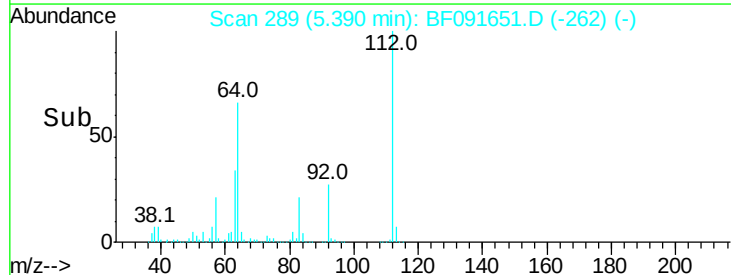
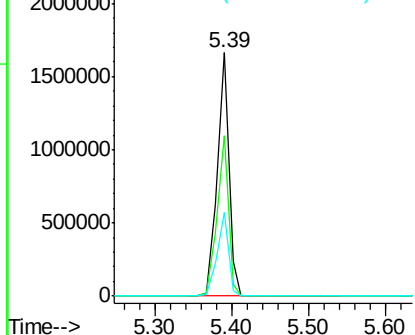
#5

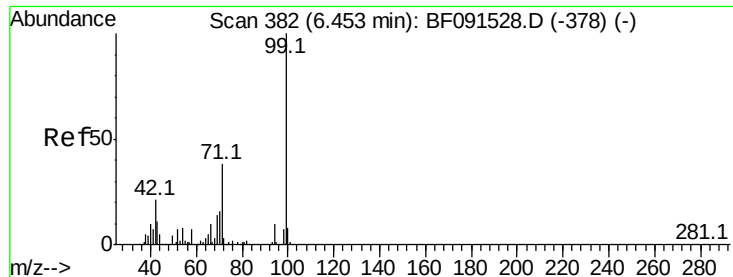
2-Fluorophenol
Concen: 140.13 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion:112 Resp: 1756623
Ion Ratio Lower Upper
112 100
64 65.9 61.5 92.3
63 34.5 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: 138.98 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

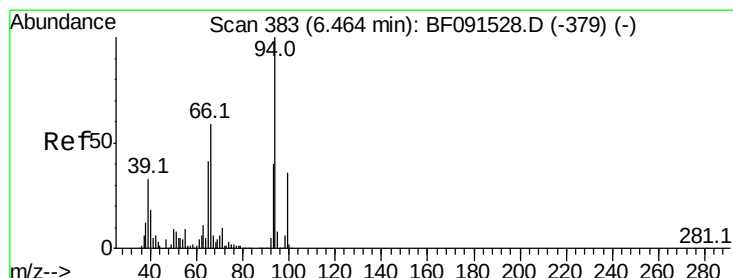
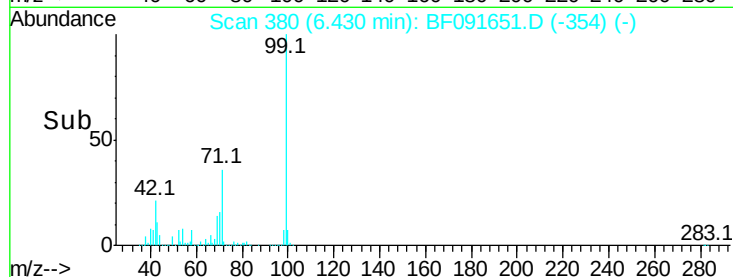
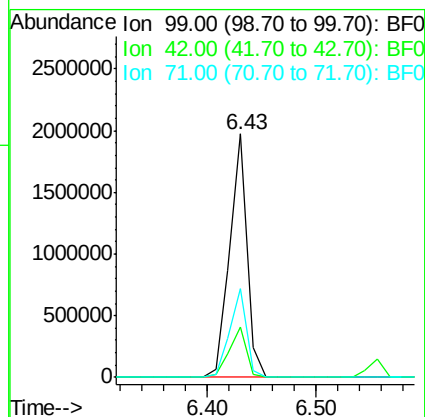
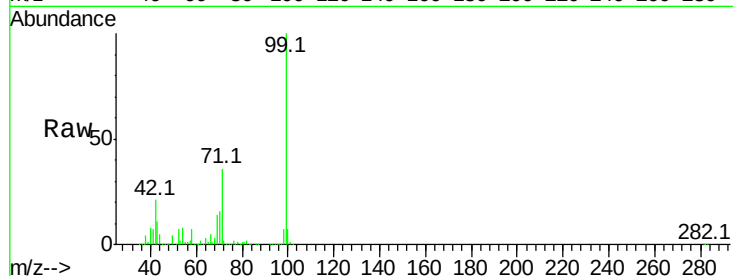
BNA_F

ClientSampleId :

SS05-1FT

Tot Ion: 99 Resp: 2171921

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.6	31.0#
71	36.3	29.9	44.9



#10

Phenol

Concen: 2.95 ng

RT: 6.44 min Scan# 381

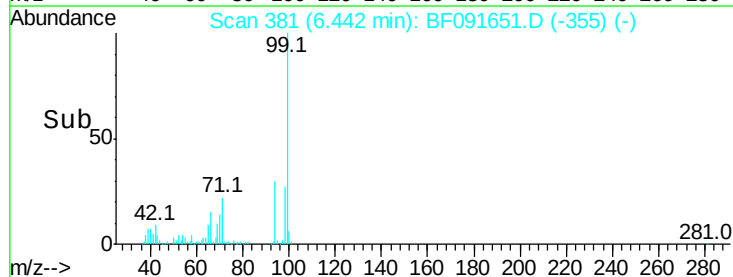
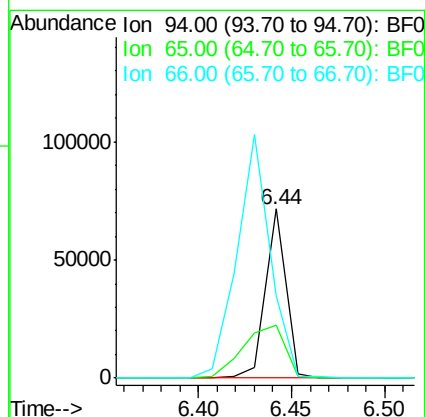
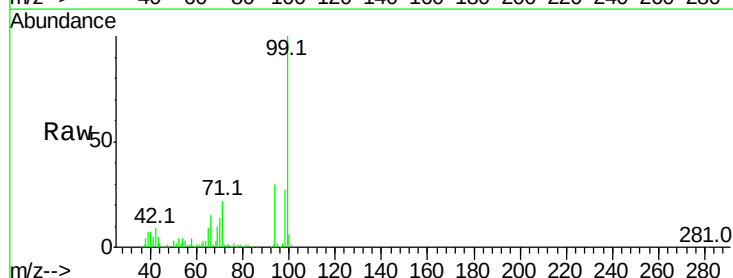
Delta R.T. 0.00 min

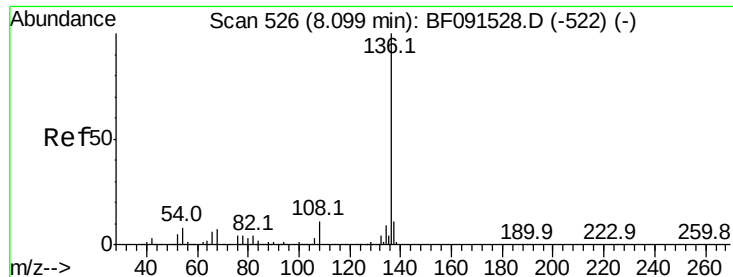
Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Tgt Ion: 94 Resp: 53960

Ion	Ratio	Lower	Upper
94	100		
65	31.3	16.9	56.9
66	49.0	30.6	70.6

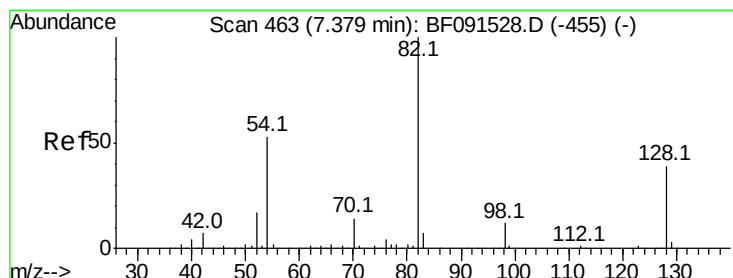
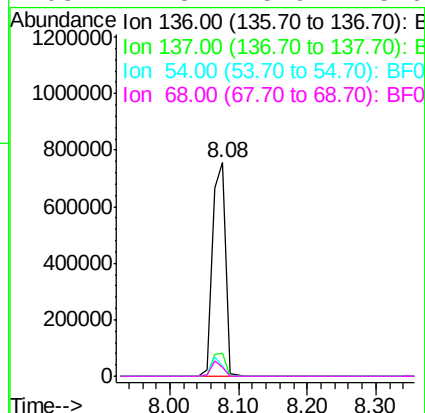
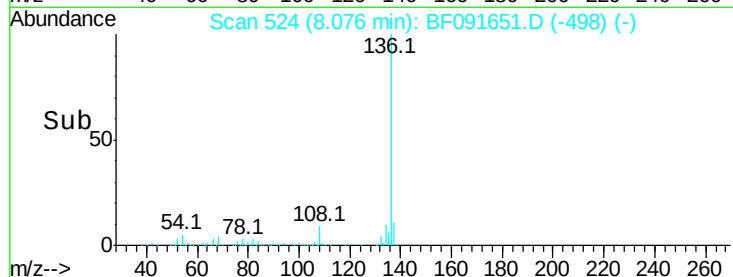
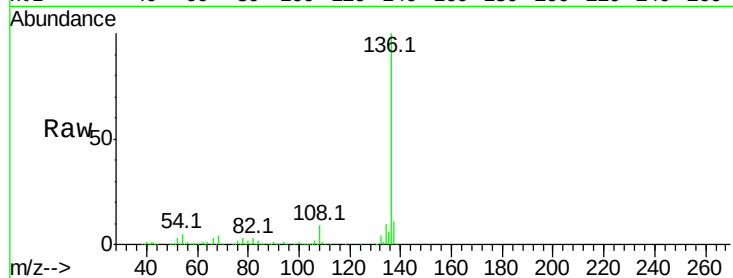




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

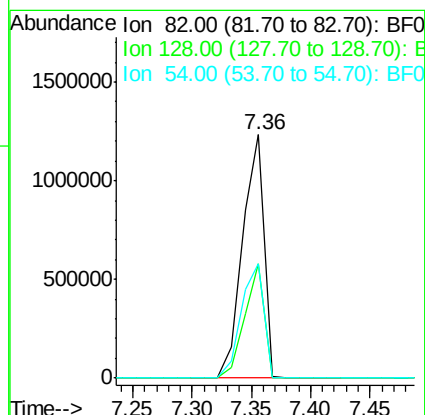
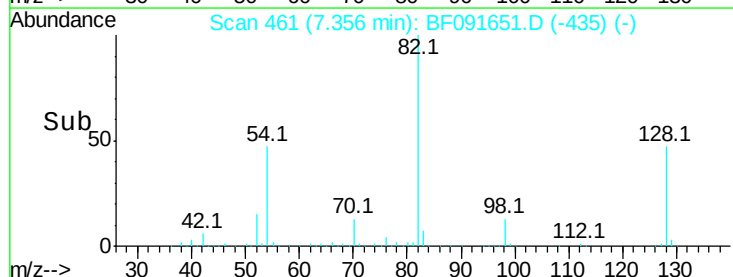
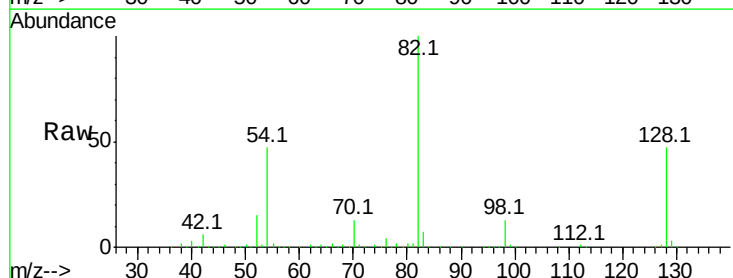
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

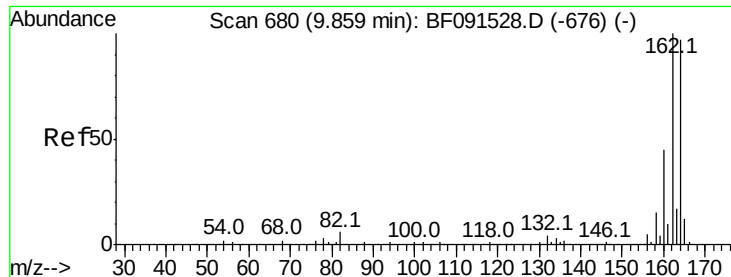
Tot Ion:136 Resp: 1003732
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.1 9.1 13.7#
68 4.3 5.9 8.9#



#23
Nitrobenzene-d5
Concen: 86.14 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion: 82 Resp: 1549172
Ion Ratio Lower Upper
82 100
128 47.0 31.8 47.6
54 46.9 49.1 73.7#

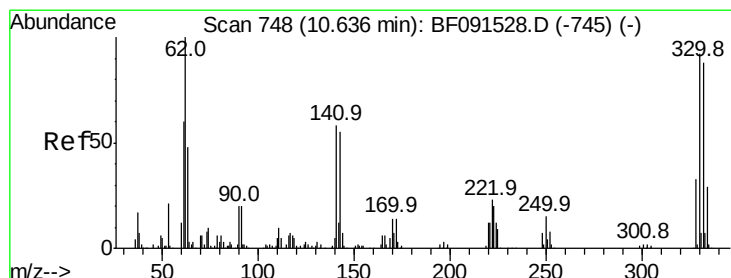
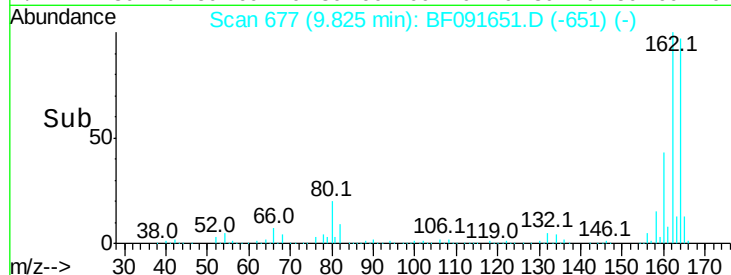
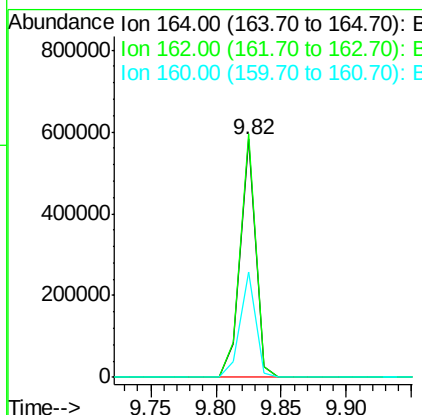
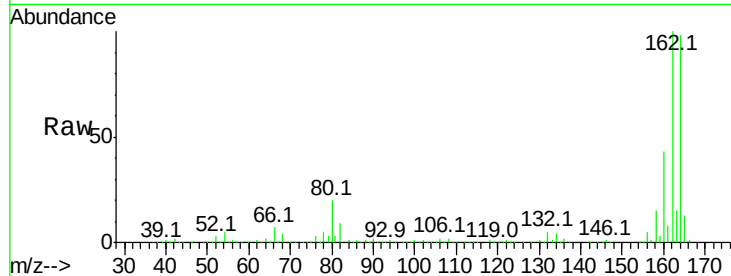




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

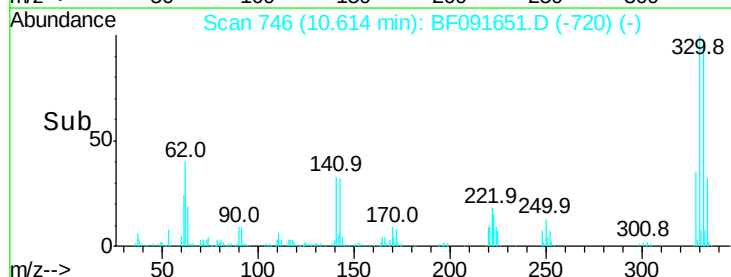
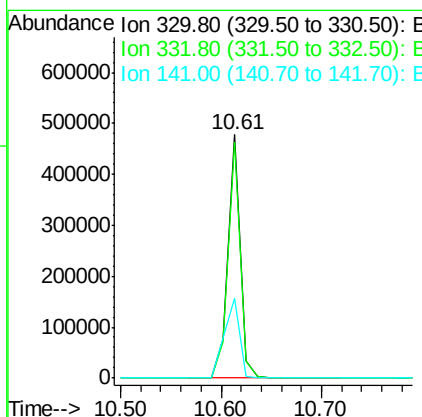
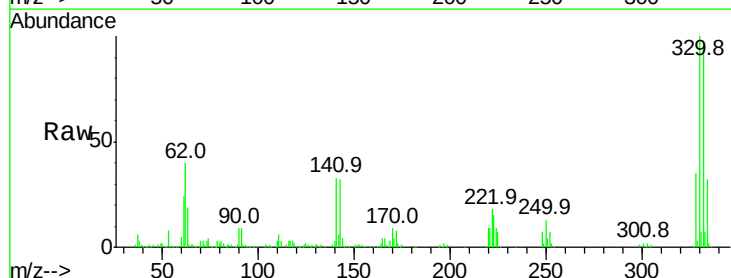
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

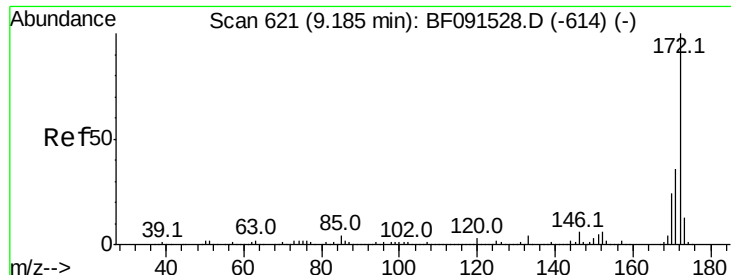
Tot Ion:164 Resp: 476340
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 44.5 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 103.36 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091651.D
Acq: 16 Dec 2016 1:45

Tgt Ion:330 Resp: 408923
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 40.6 33.6 50.4



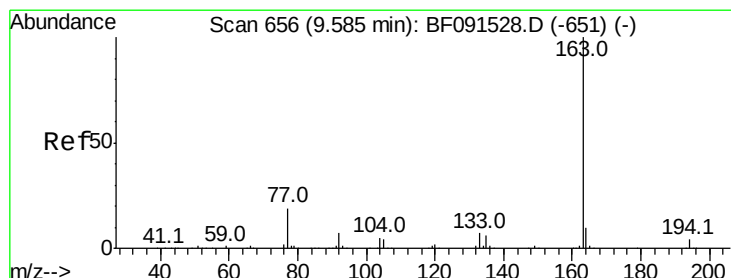
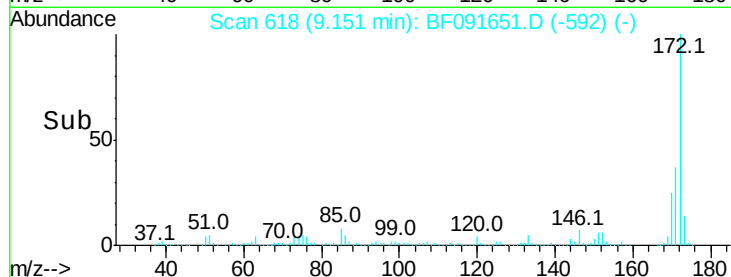
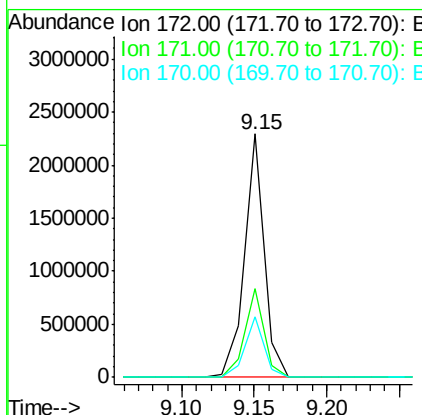
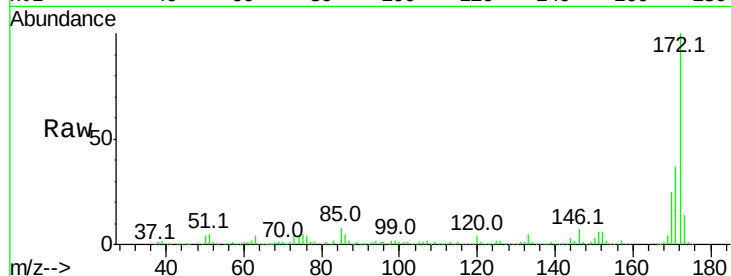


#44
 2-Fluorobiphenyl
 Concen: 78.24 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Tot Ion:172 Resp: 2156951

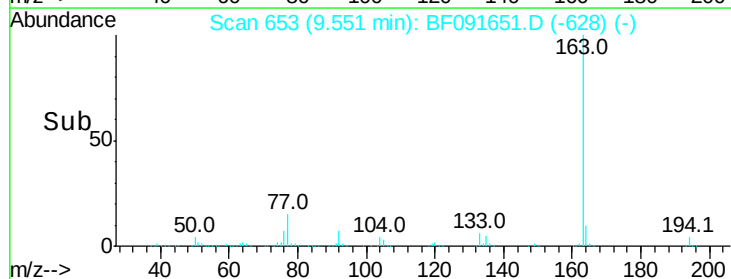
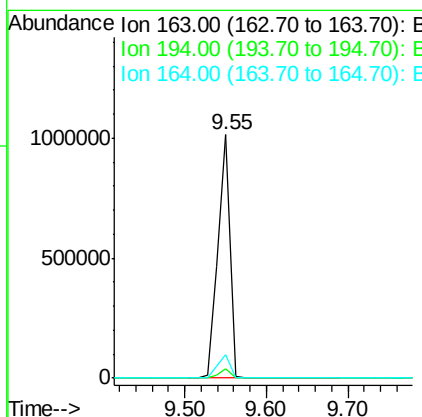
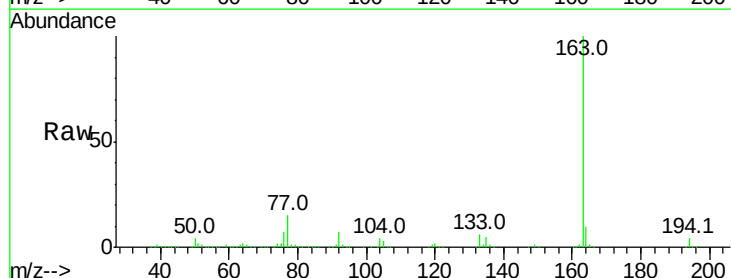
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.1	19.7	29.5

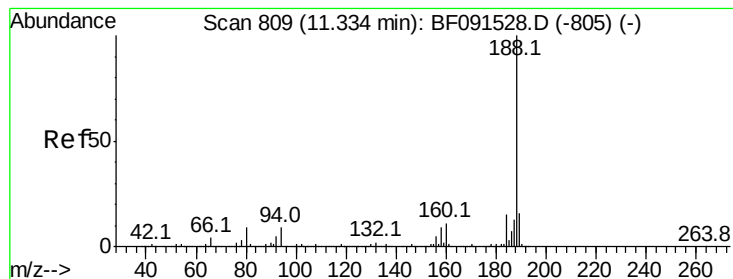


#49
 Dimethylphthalate
 Concen: 34.36 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF091651.D
 Acq: 16 Dec 2016 1:45

Tgt Ion:163 Resp: 1036406

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.8	7.8	11.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

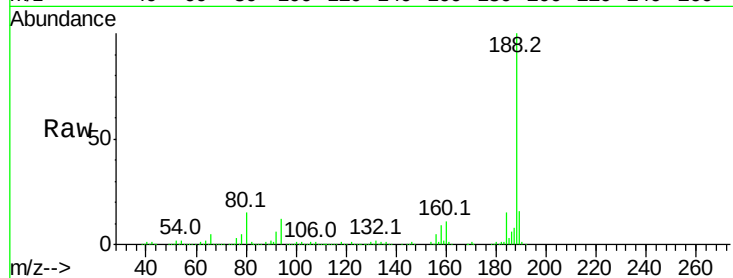
Tot Ion:188 Resp: 489557

Ion Ratio Lower Upper

188 100

94 12.4 9.2 13.8

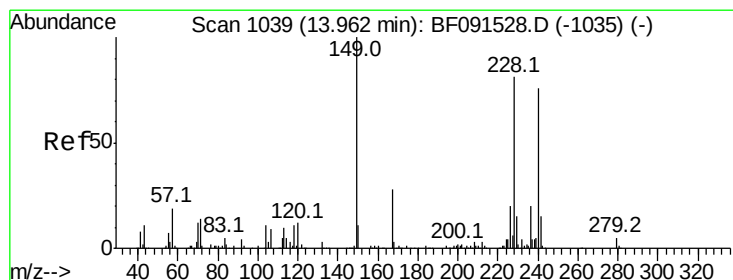
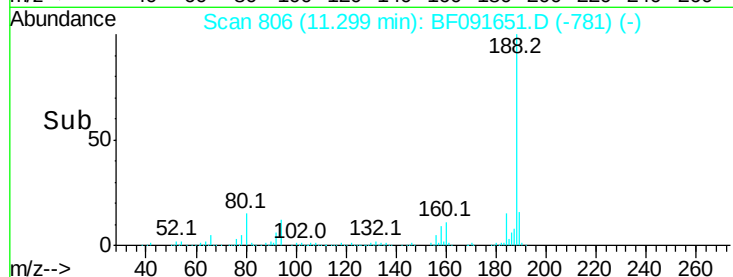
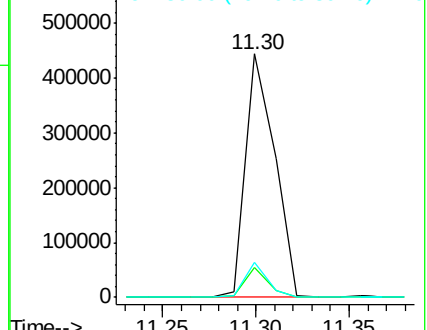
80 14.6 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

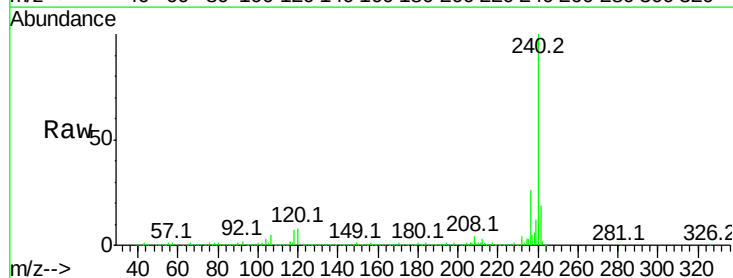
Tgt Ion:240 Resp: 568547

Ion Ratio Lower Upper

240 100

120 8.4 12.1 18.1#

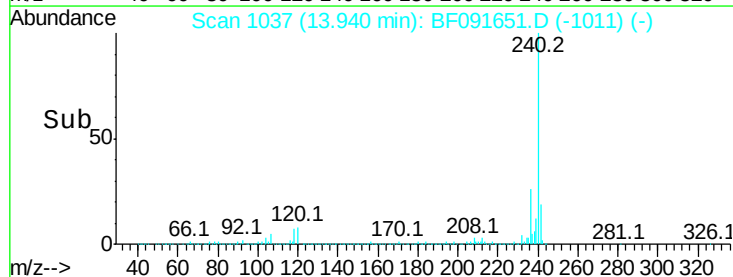
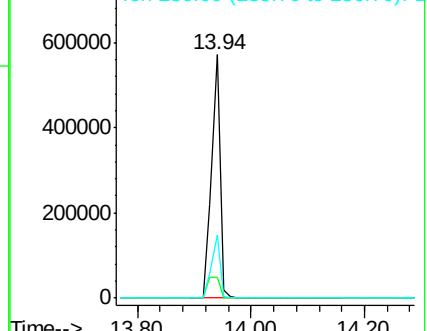
236 25.8 21.0 31.6

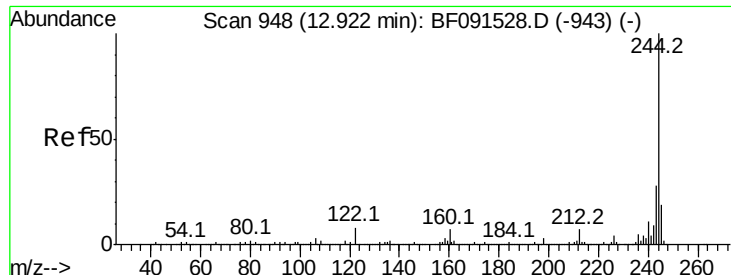


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.62 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

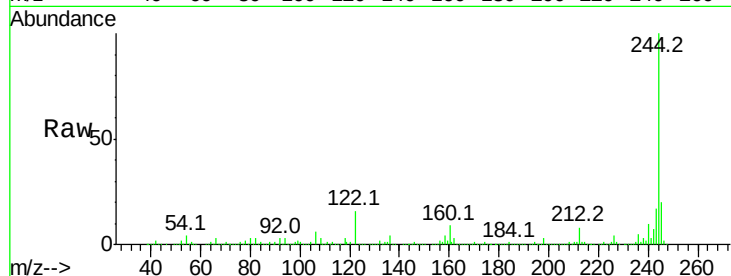
Tot Ion:244 Resp: 1694226

Ion Ratio Lower Upper

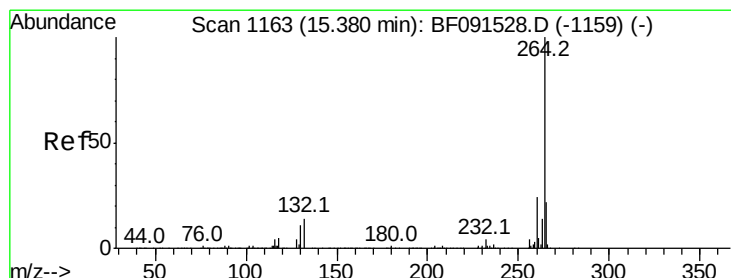
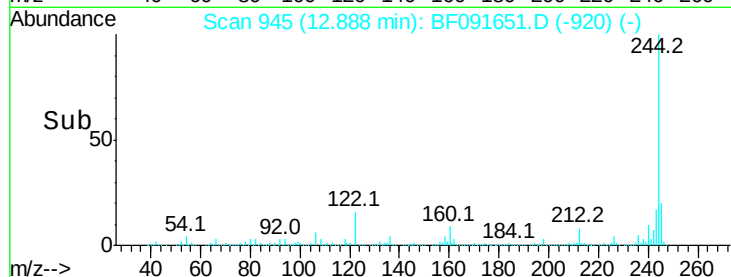
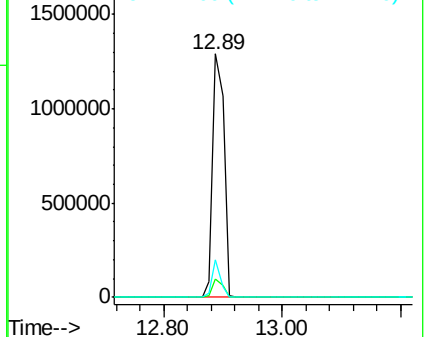
244 100

212 7.6 6.5 9.7

122 15.7 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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091651.D

Acq: 16 Dec 2016 1:45

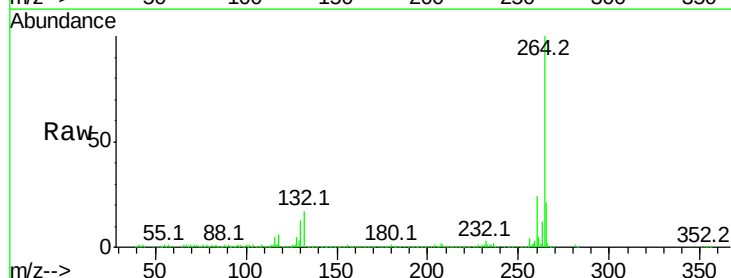
Tgt Ion:264 Resp: 351742

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.2 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

