

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086133.D
 Acq On : 7 Apr 2016 15:45
 Operator : UM/SJ
 Sample : H2230-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-040116

Quant Time: Apr 08 02:24:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

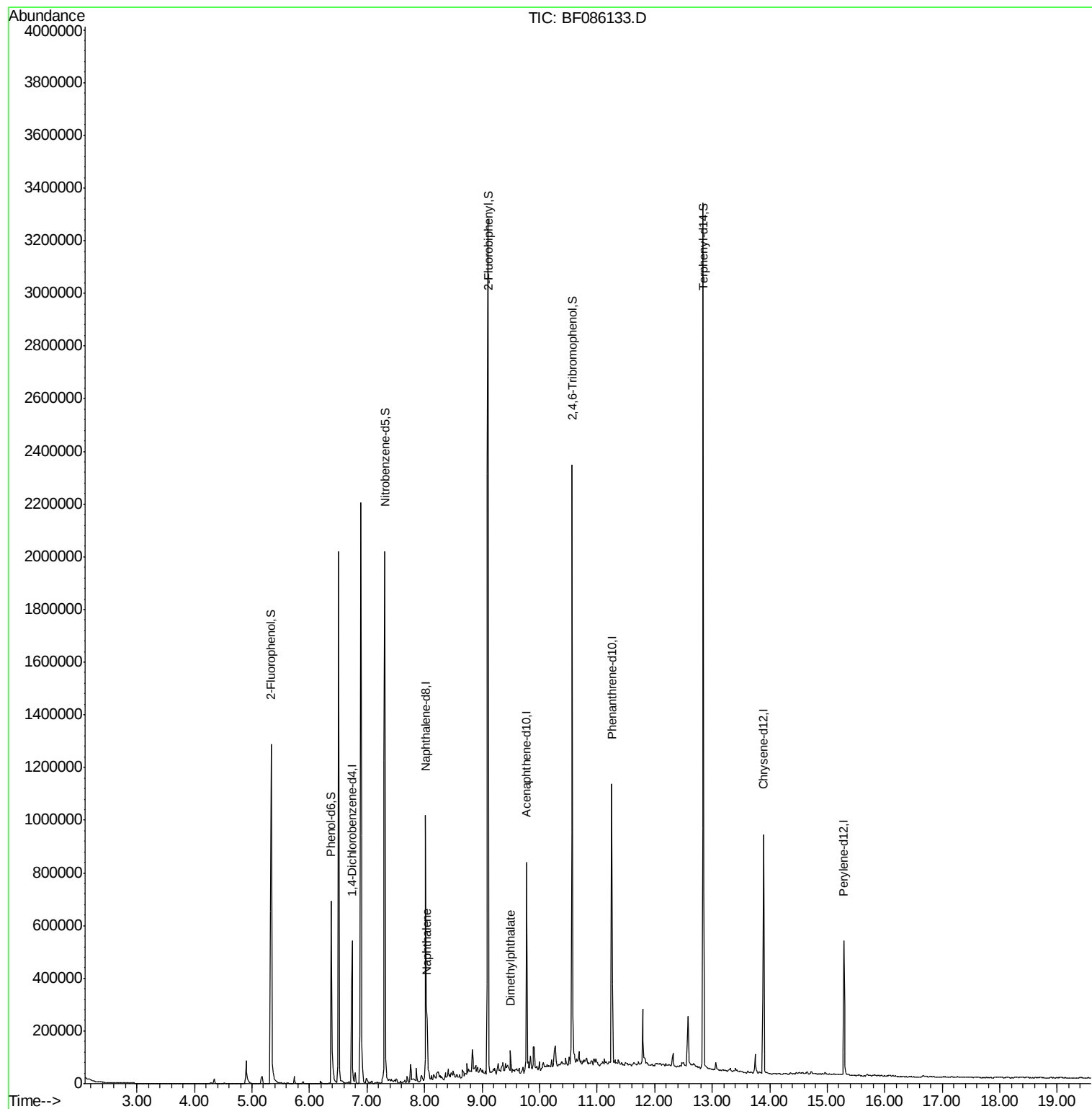
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112417	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	453907	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	208611	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	388454	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	311640	20.00	ng	-0.03
86) Perylene-d12	15.29	264	218620	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	509780	77.51	ng	-0.03
7) Phenol-d6	6.37	99	406715	48.69	ng	-0.05
23) Nitrobenzene-d5	7.31	82	830482	107.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	312040	159.37	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1400798	111.65	ng	-0.03
78) Terphenyl-d14	12.84	244	1119760	84.46	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.04	128	101688	4.45	ng	100
49) Dimethylphthalate	9.49	163	33589	2.17	ng	97

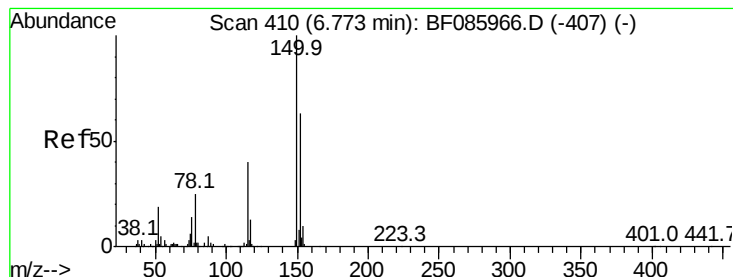
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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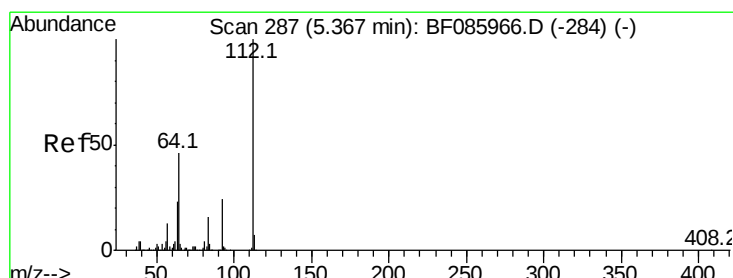
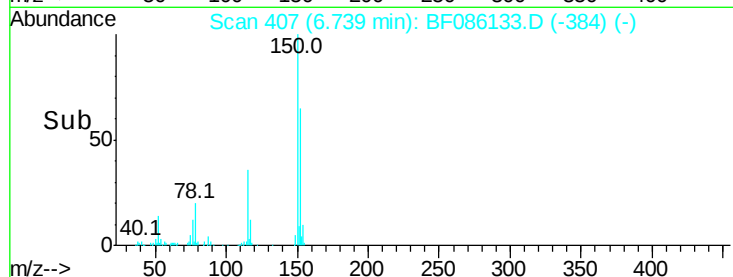
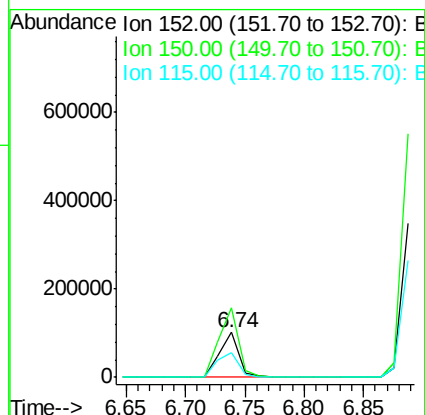
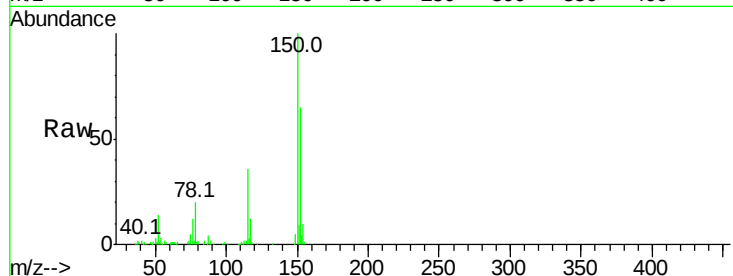


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-2-040116

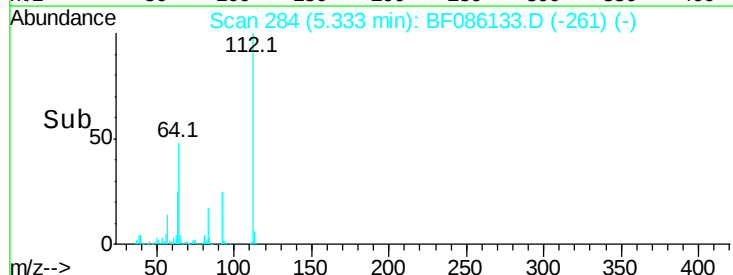
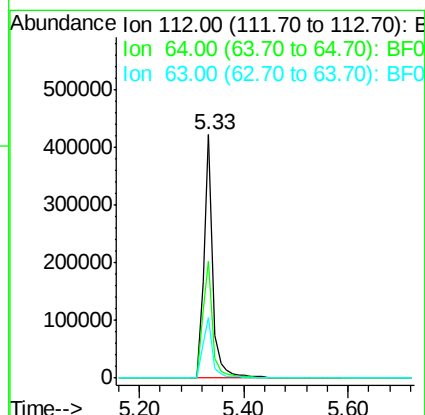
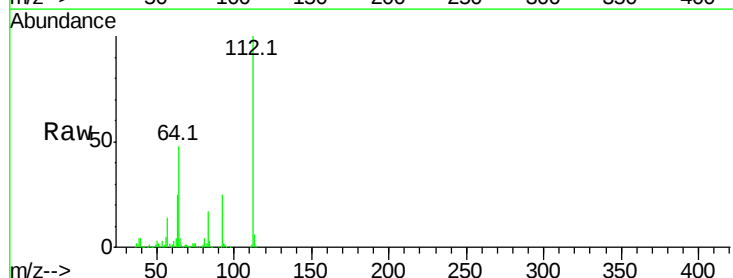
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	55.9	47.0	70.6



#5

2-Fluorophenol
Concen: 77.51 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.1	39.9	59.9
63	24.9	20.2	30.2





#7

Phenol-d6

Concen: 48.69 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

Instrument :

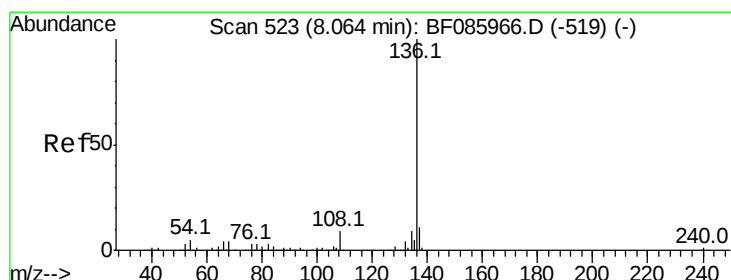
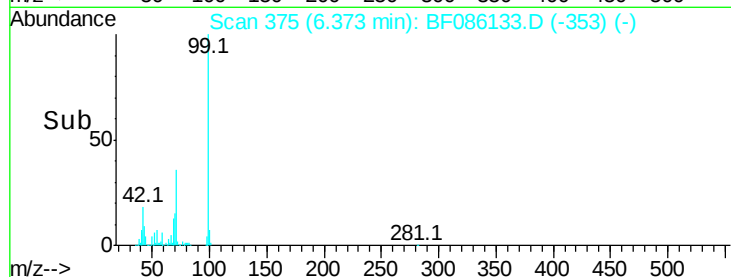
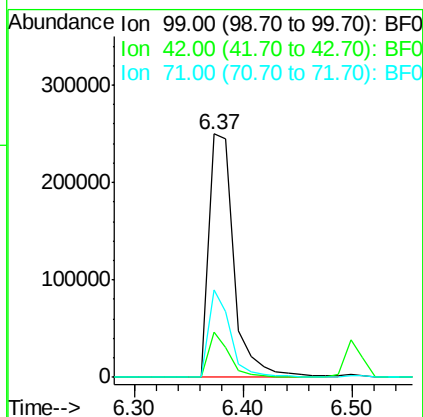
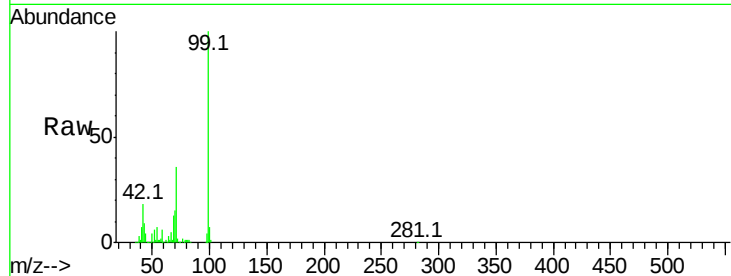
BNA_F

ClientSampleId :

MW-2-040116

Tot Ion: 99 Resp: 406715

Ion	Ratio	Lower	Upper
99	100		
42	18.5	11.1	16.7#
71	35.8	24.9	37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

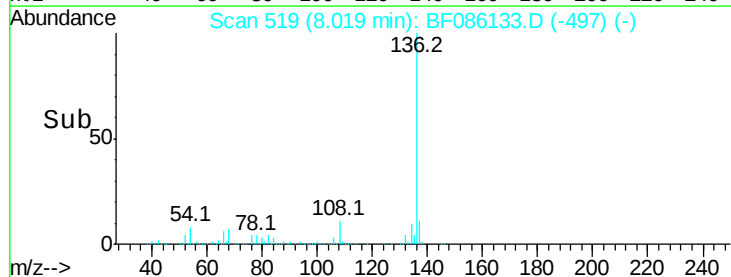
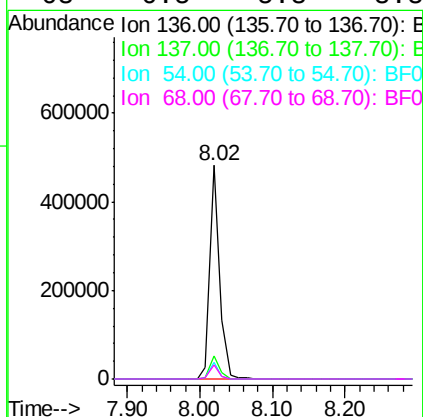
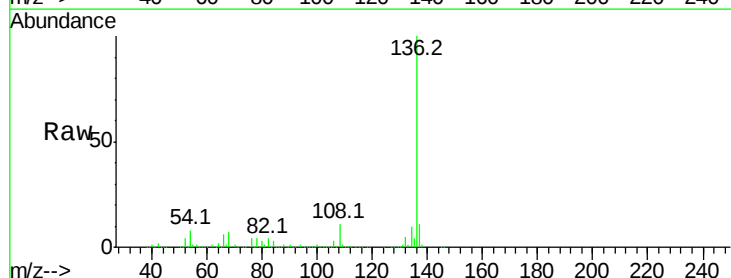
Delta R.T. -0.05 min

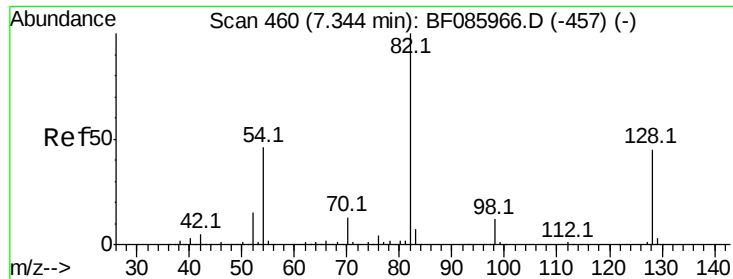
Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

Tgt Ion: 136 Resp: 453907

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.7	7.4	11.0
68	6.5	5.8	8.8

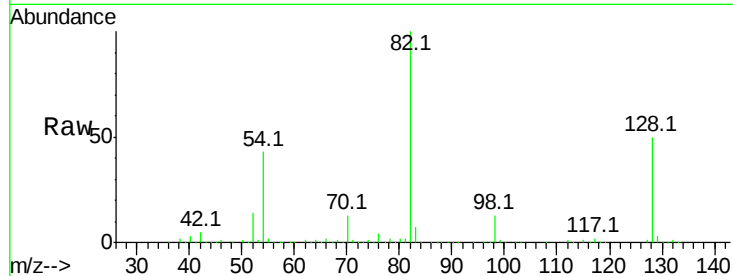




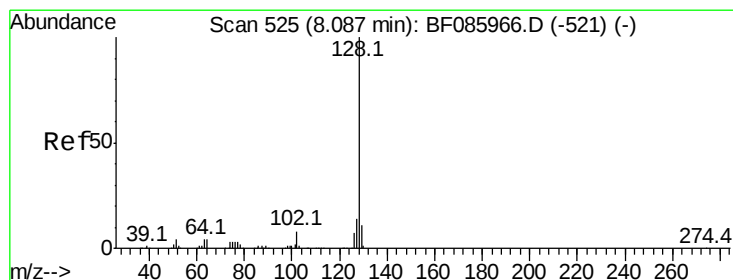
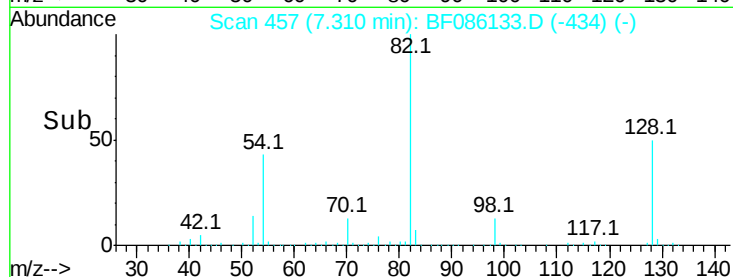
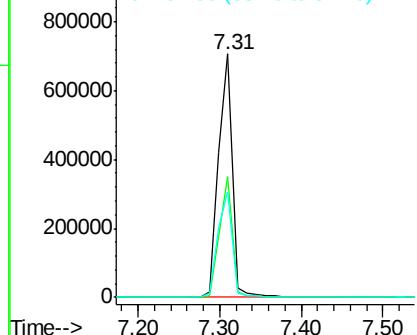
#23
Nitrobenzene-d5
Concen: 107.90 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-2-040116

Tot Ion: 82 Resp: 830482
Ion Ratio Lower Upper
82 100
128 49.8 41.8 62.8
54 43.3 33.4 50.0

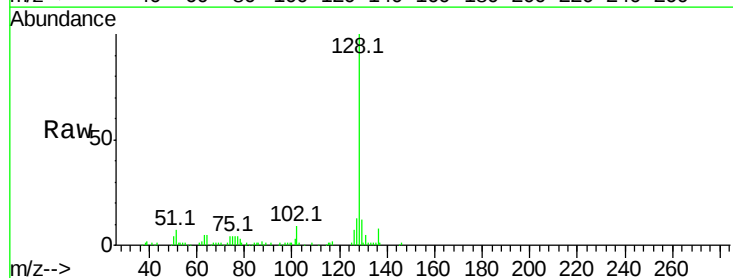


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

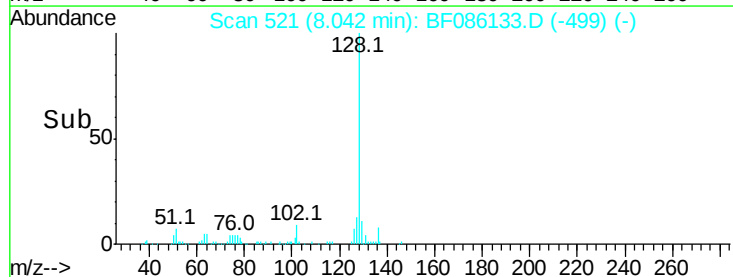
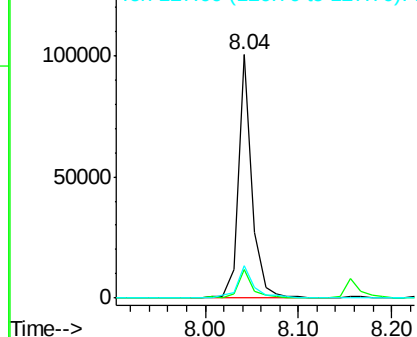


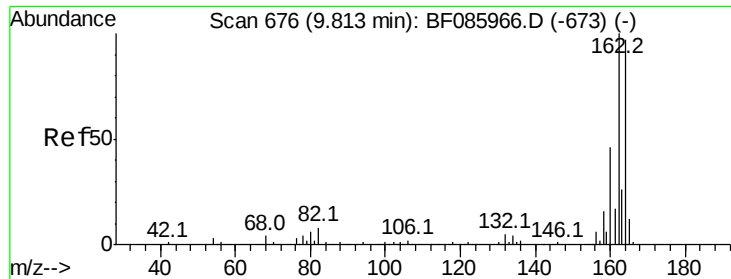
#31
Naphthalene
Concen: 4.45 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Tgt Ion:128 Resp: 101688
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

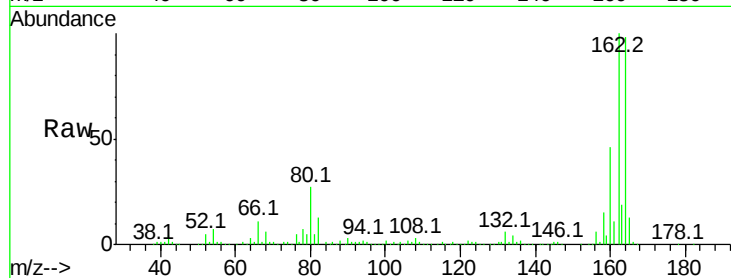




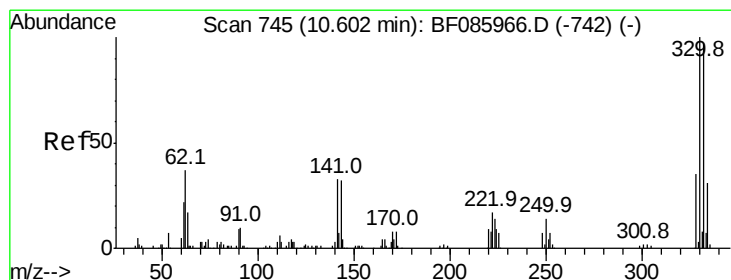
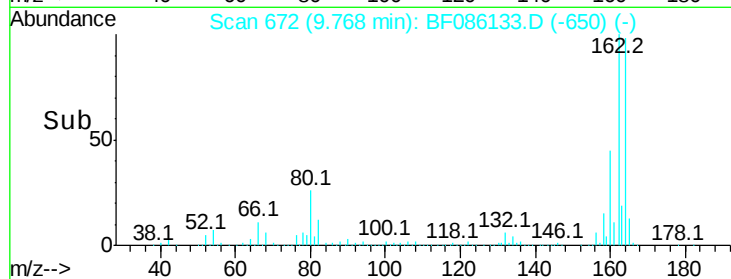
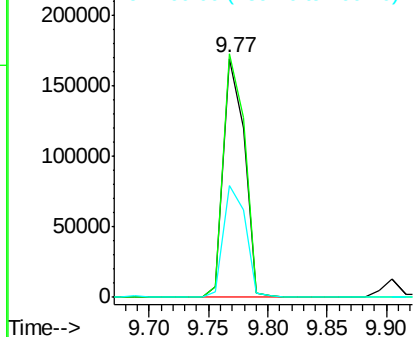
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Instrument :
BNA_F
ClientSampleId :
MW-2-040116

Tot Ion:164 Resp: 208611
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 46.6 37.4 56.2

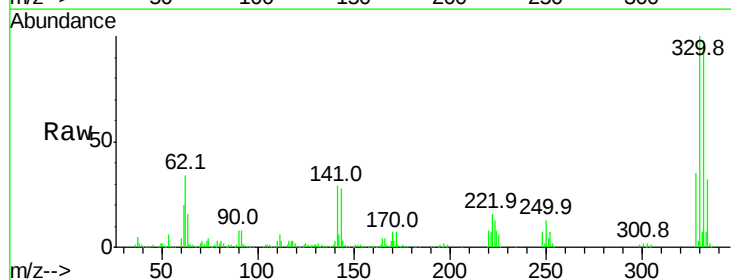


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

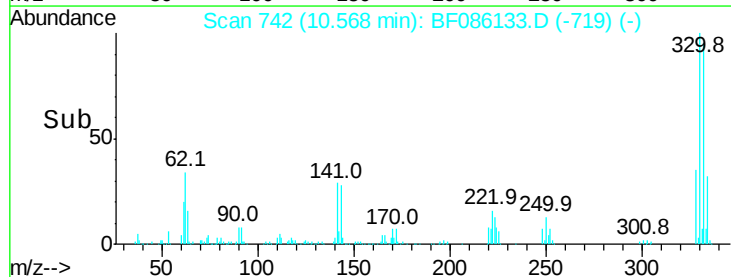
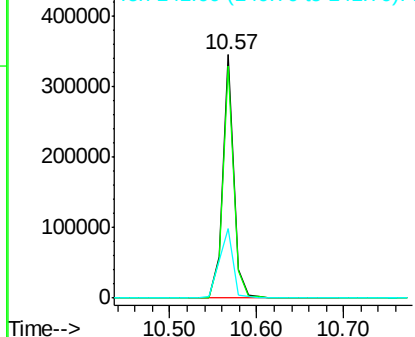


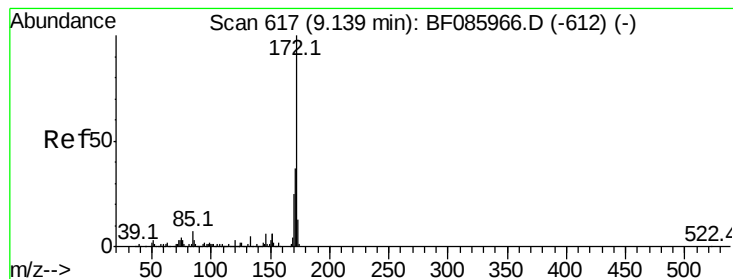
#41
2,4,6-Tribromophenol
Concen: 159.37 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086133.D
Acq: 7 Apr 2016 15:45

Tgt Ion:330 Resp: 312040
Ion Ratio Lower Upper
330 100
332 95.3 78.2 117.2
141 35.5 31.5 47.3



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: 111.65 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

Instrument :

BNA_F

ClientSampleId :

MW-2-040116

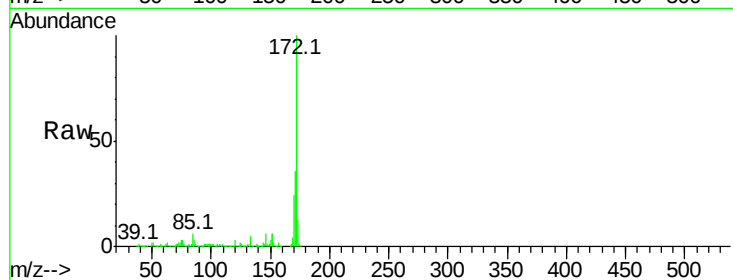
Tot Ion:172 Resp: 1400798

Ion Ratio Lower Upper

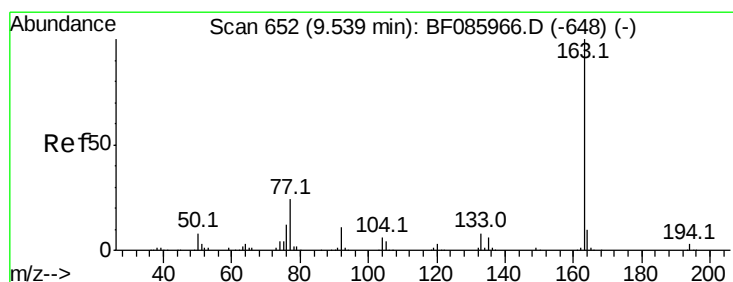
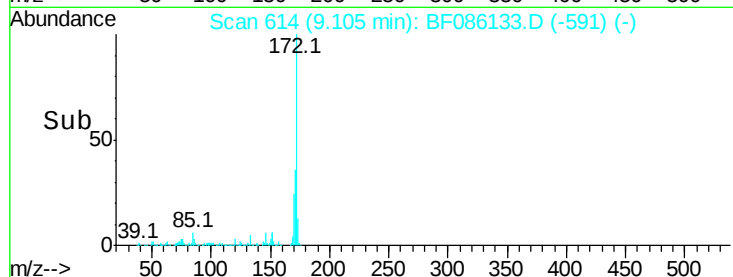
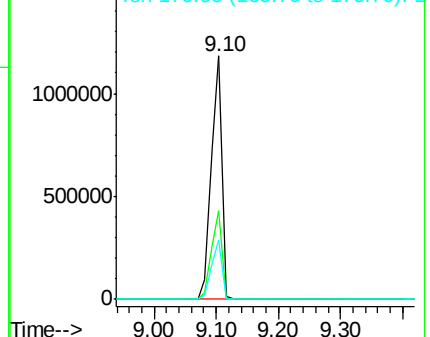
172 100

171 36.3 29.4 44.2

170 24.3 19.8 29.6



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: 2.17 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

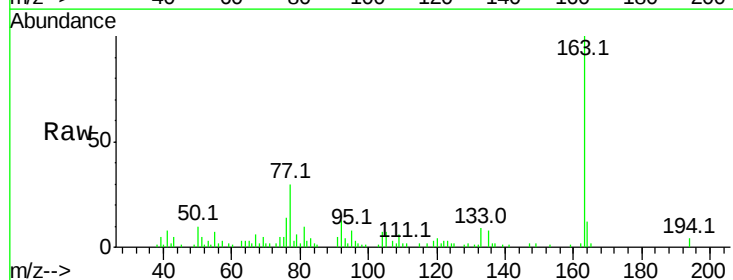
Tgt Ion:163 Resp: 33589

Ion Ratio Lower Upper

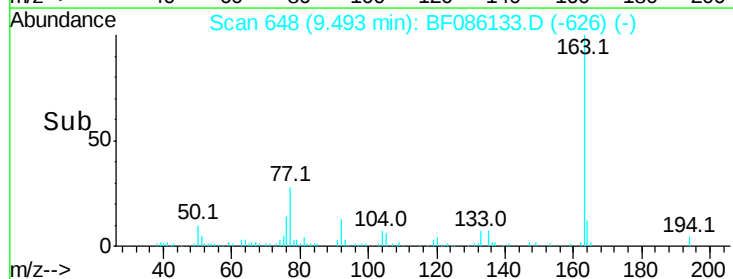
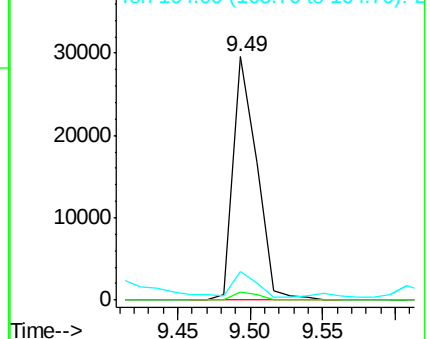
163 100

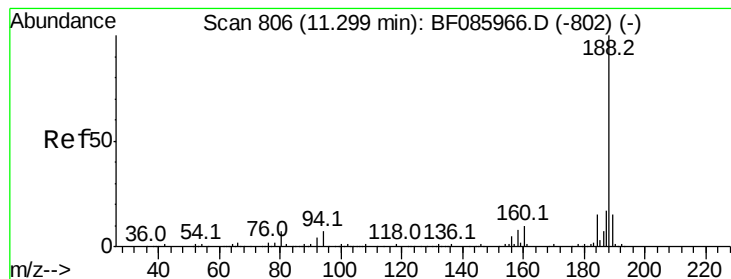
194 3.6 2.9 4.3

164 12.0 8.3 12.5



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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

Instrument :

BNA_F

ClientSampleId :

MW-2-040116

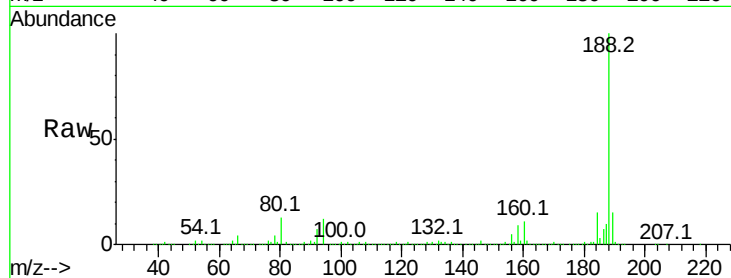
Tot Ion:188 Resp: 388454

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

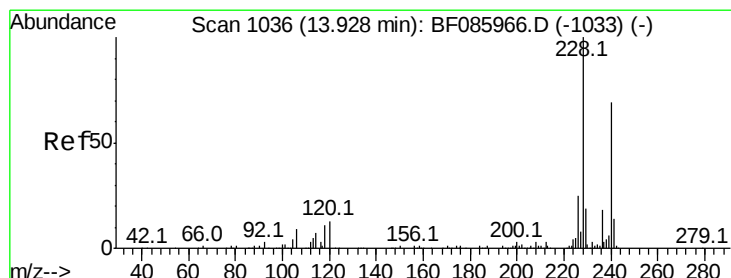
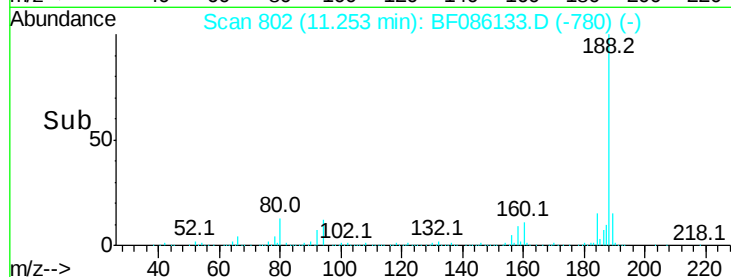
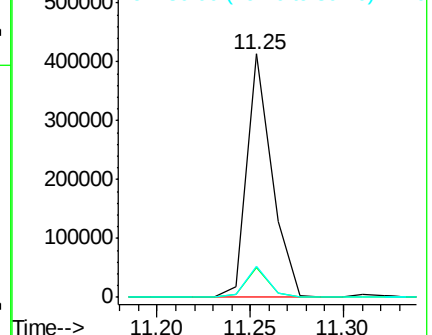
80 12.9 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

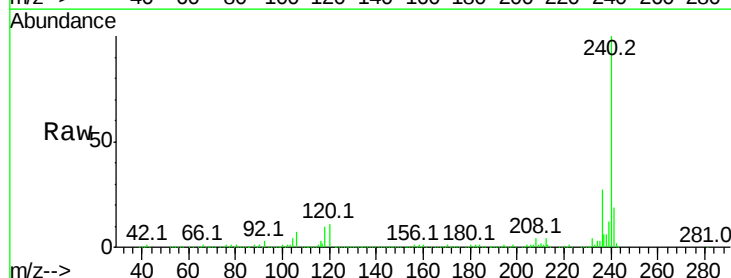
Tgt Ion:240 Resp: 311640

Ion Ratio Lower Upper

240 100

120 10.8 13.8 20.8#

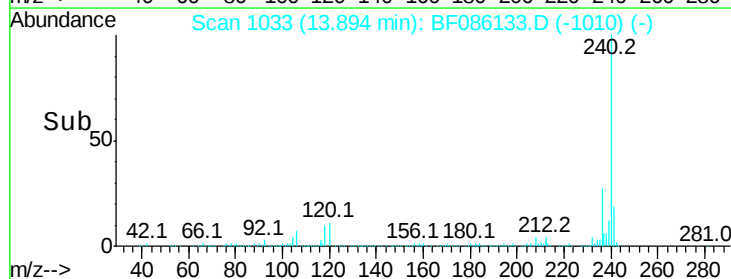
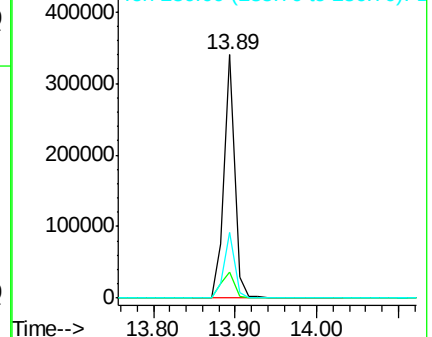
236 26.8 20.6 30.8

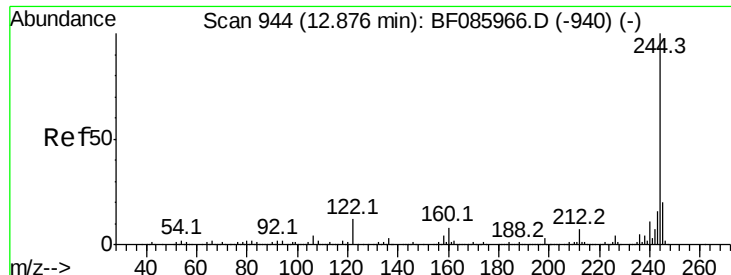


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.46 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

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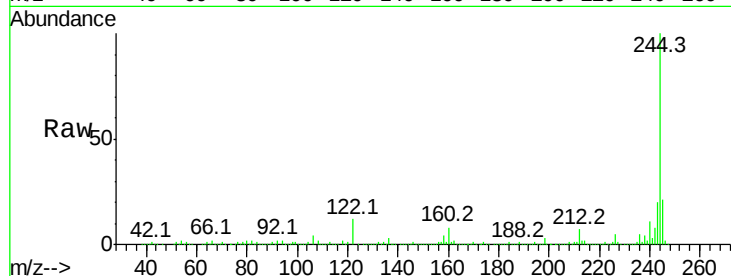
Tot Ion:244 Resp: 1119760

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

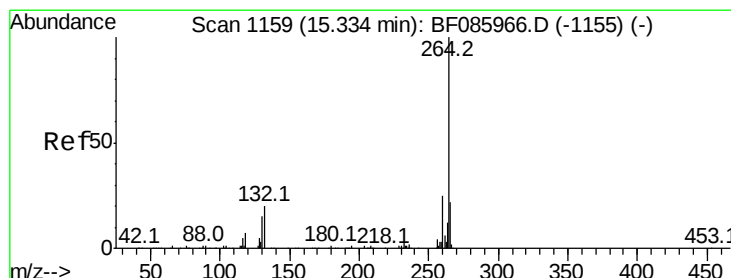
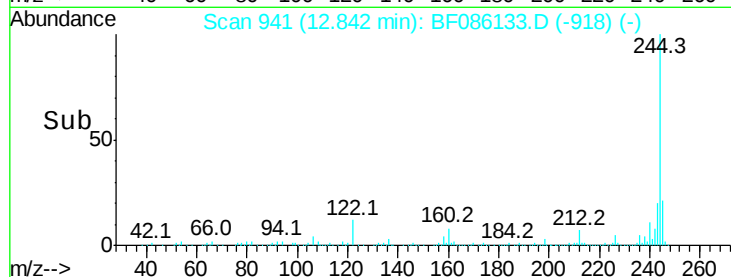
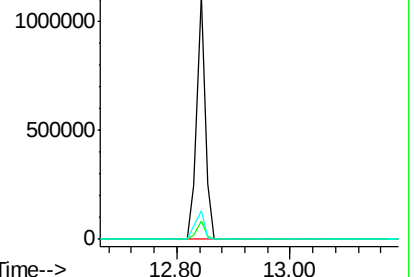
122 11.9 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086133.D

Acq: 7 Apr 2016 15:45

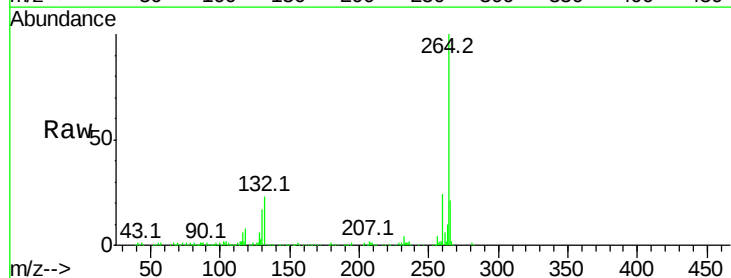
Tgt Ion:264 Resp: 218620

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.3 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

