

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102841.D
 Acq On : 8 Feb 2018 3:31
 Operator : SJ/JU
 Sample : J1458-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Feb 08 07:02:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

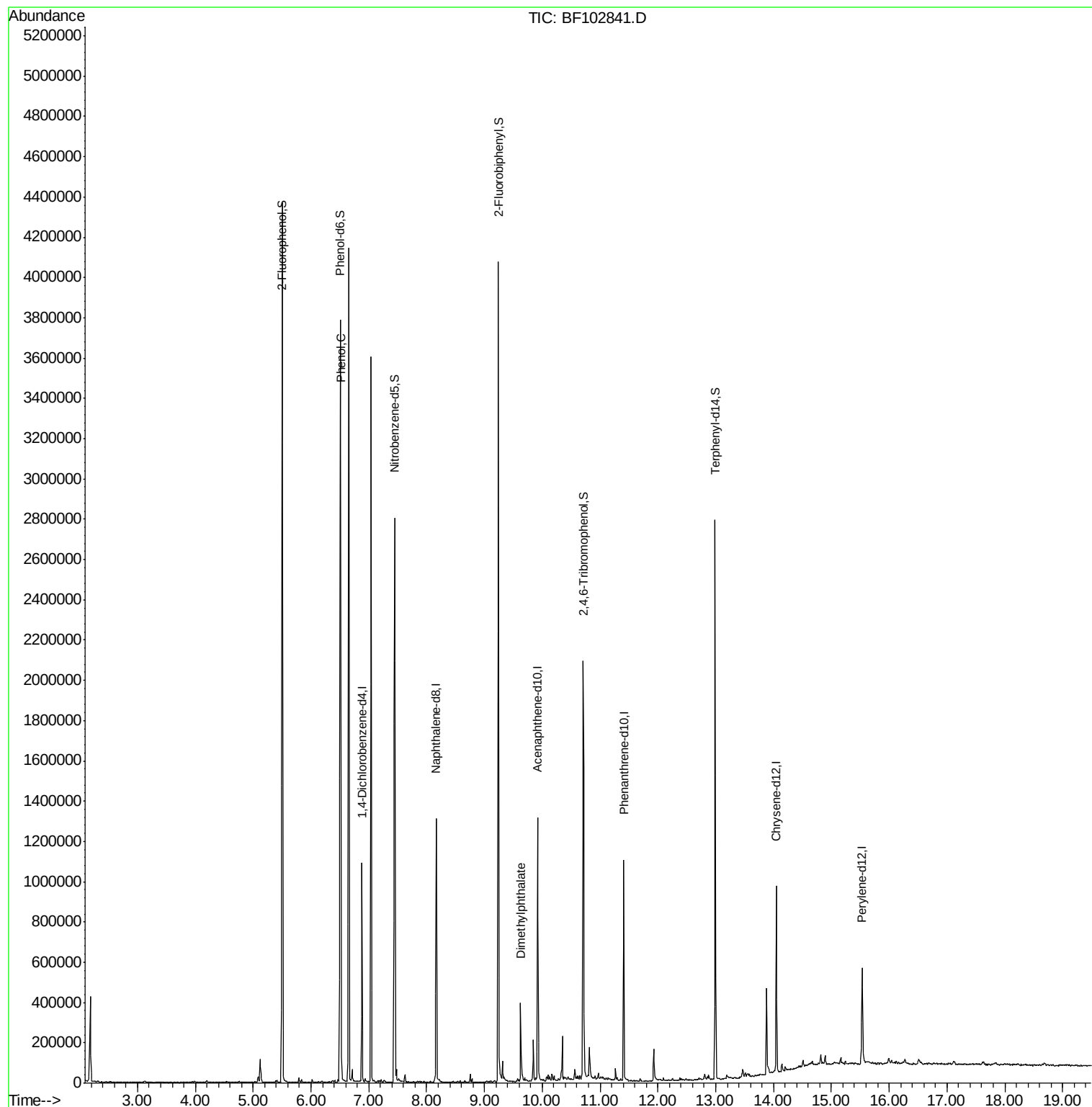
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	159813	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	632177	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	246081	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	363689	20.00	ng	0.00
75) Chrysene-d12	14.05	240	302860	20.00	ng	0.00
86) Perylene-d12	15.53	264	226930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1269409	120.63	ng	0.01
7) Phenol-d6	6.51	99	1494577	117.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	917578	100.69	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	242242	122.30	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1343960	90.62	ng	0.00
78) Terphenyl-d14	12.99	244	939575	73.46	ng	0.00
Target Compounds						
10) Phenol	6.52	94	42126	3.102	ng	98
49) Dimethylphthalate	9.63	163	167508	8.730	ng	99

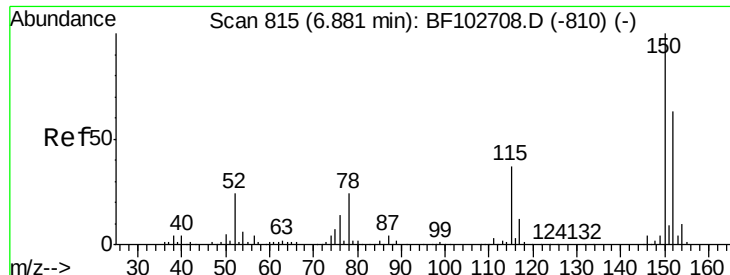
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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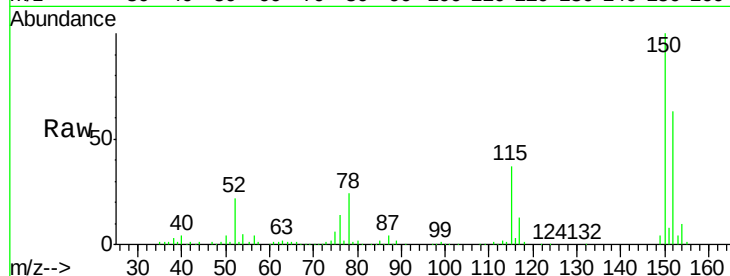


#1

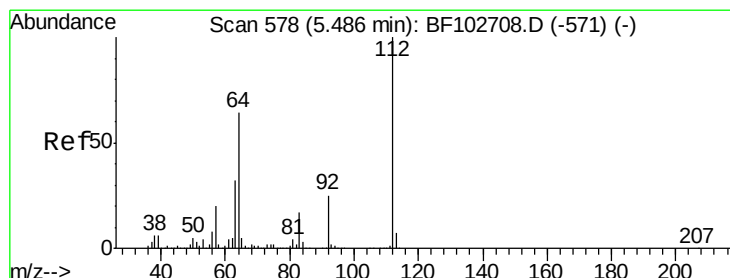
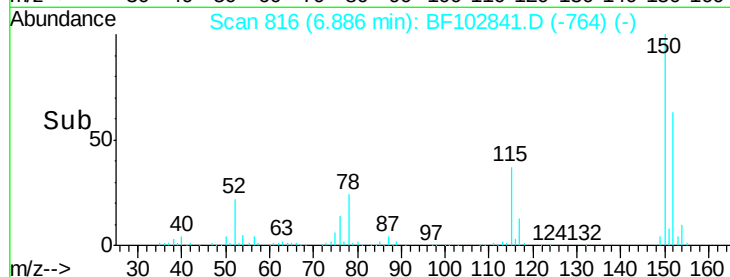
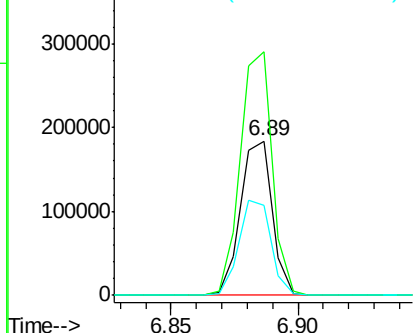
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	58.1	50.1	75.1



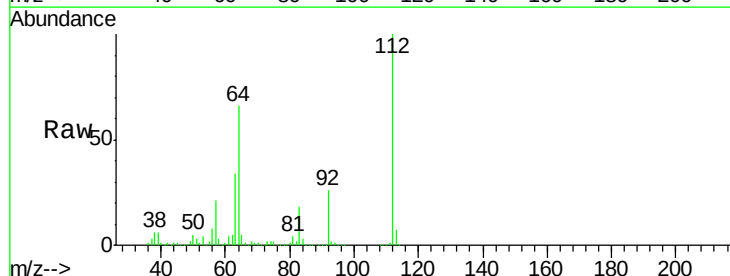
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



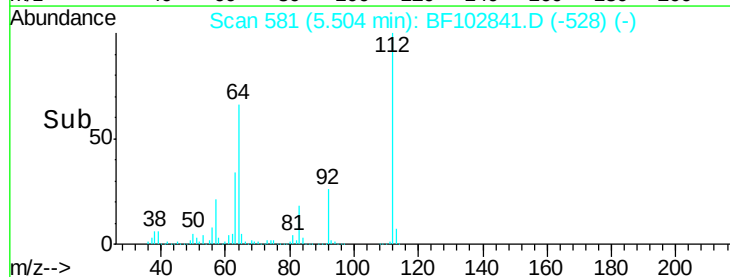
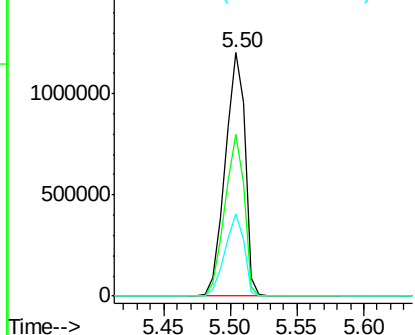
#5

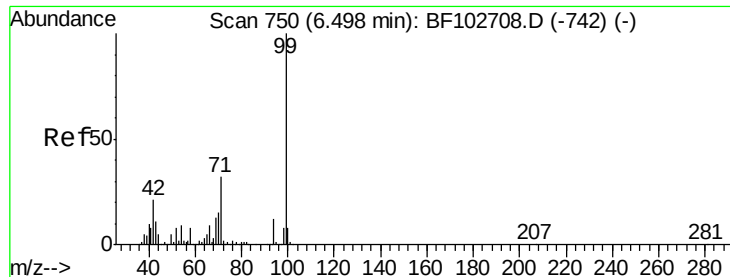
2-Fluorophenol
Concen: 120.629 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	33.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 117.955 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

Instrument :

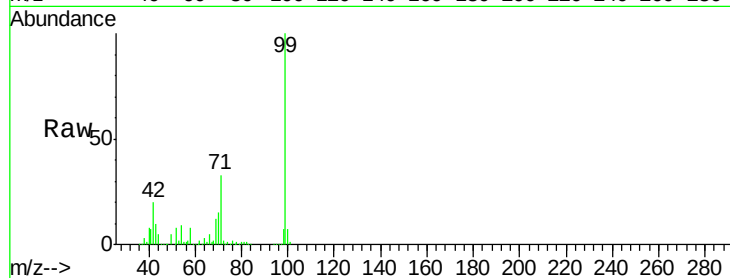
BNA_F

ClientSampleId :

SB-02

Tot Ion: 99 Resp: 1494577

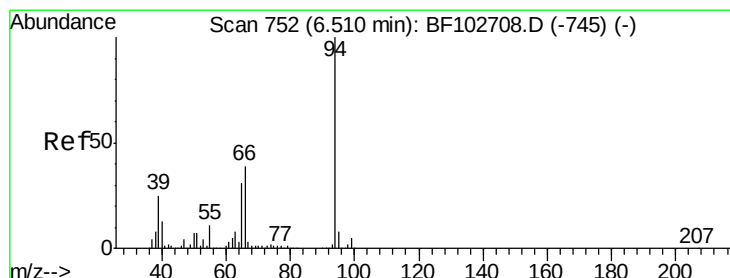
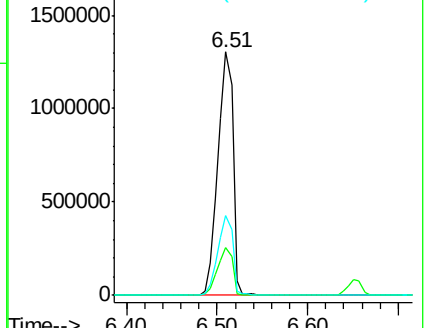
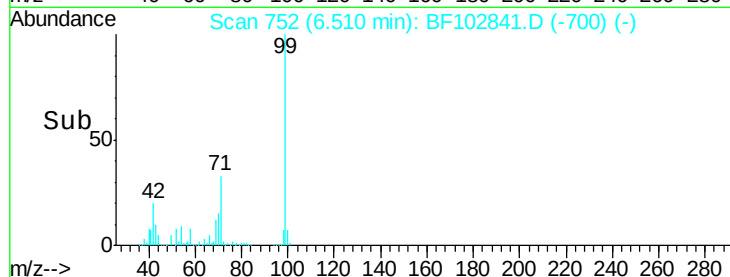
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.102 ng

RT: 6.52 min Scan# 754

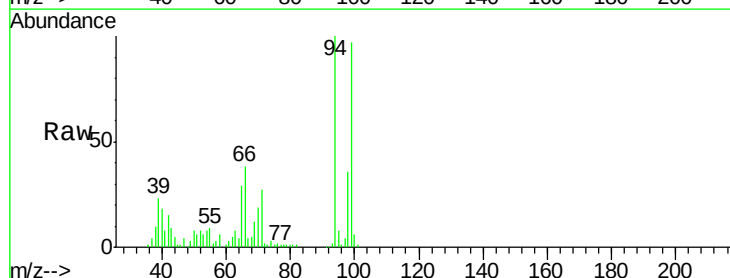
Delta R.T. -0.00 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

Tgt Ion: 94 Resp: 42126

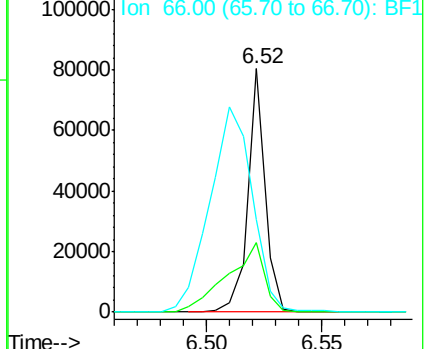
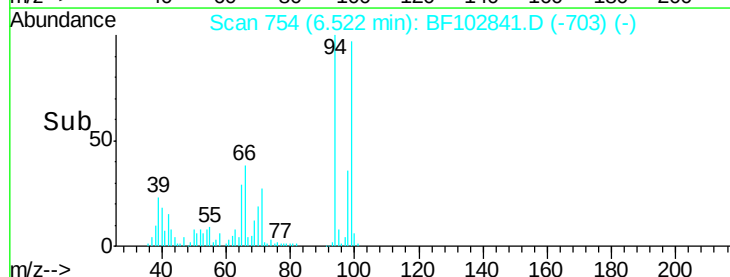
Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	37.9	16.2	56.2

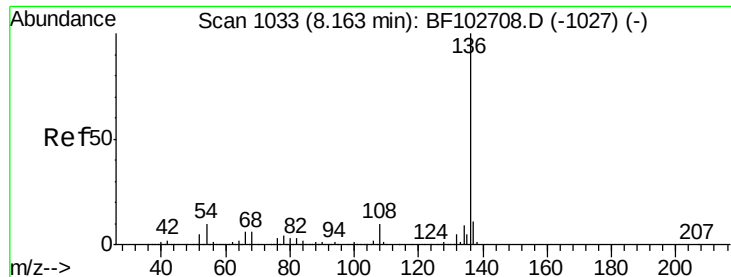


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

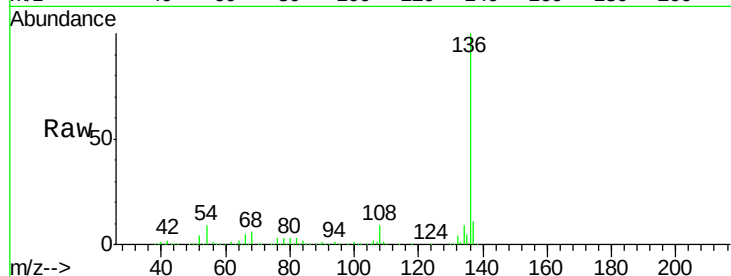




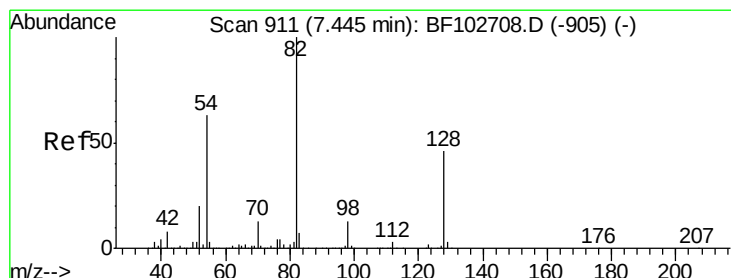
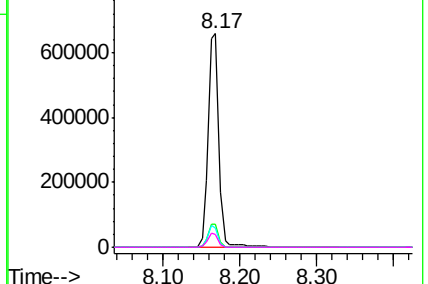
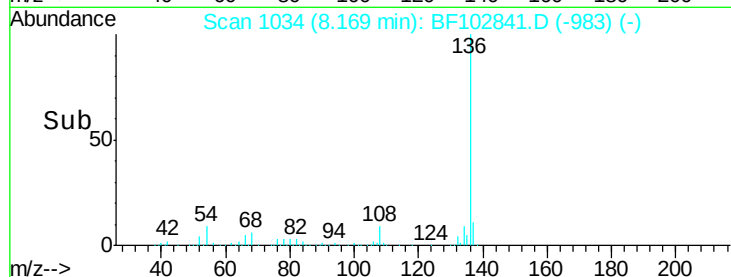
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion:136	Resp: 632177
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 8.8	6.6 9.8
68 5.9	5.0 7.4

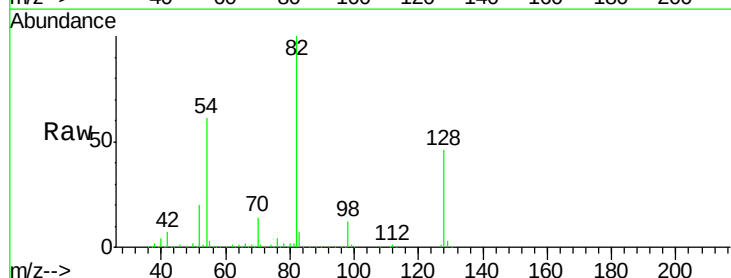


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

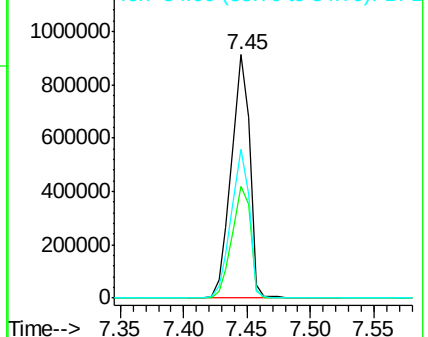
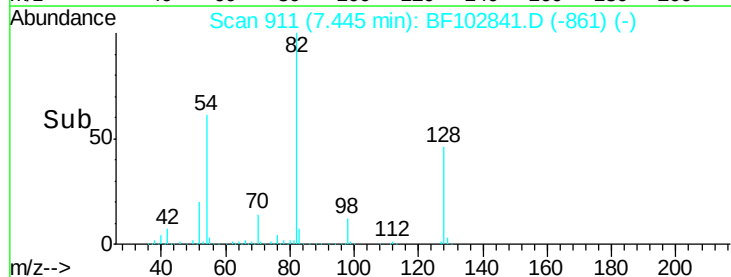


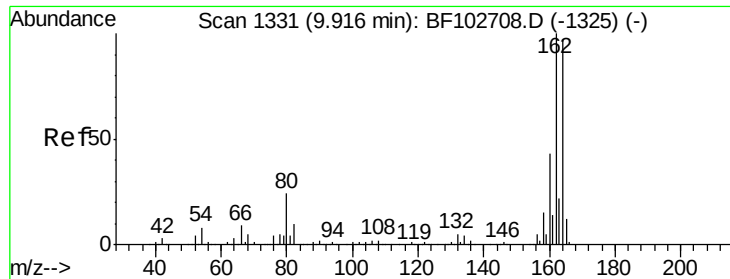
#23
Nitrobenzene-d5
Concen: 100.688 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt	Ion: 82	Resp:	917578
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	61.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

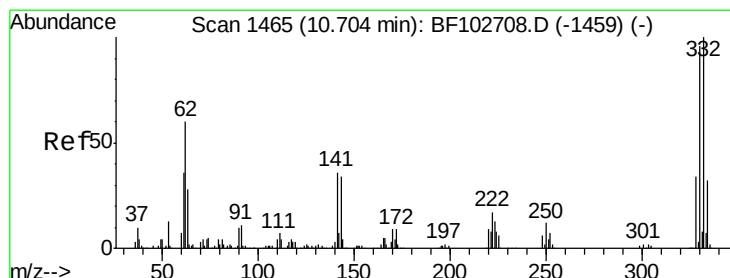
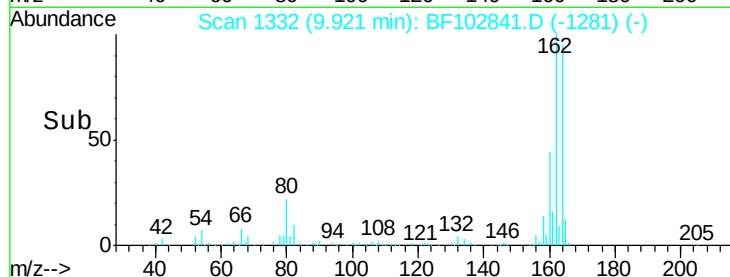
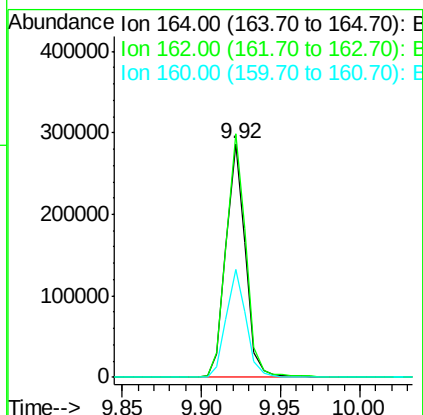
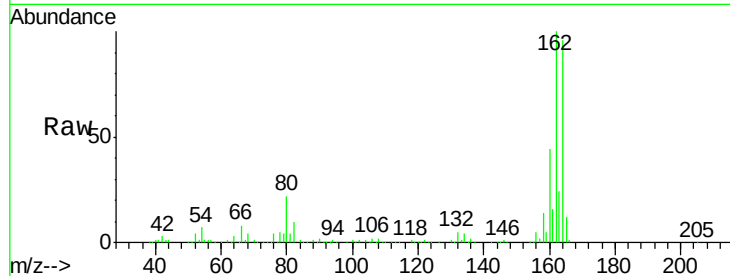




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

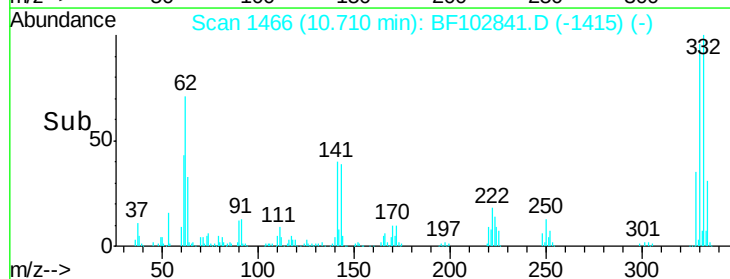
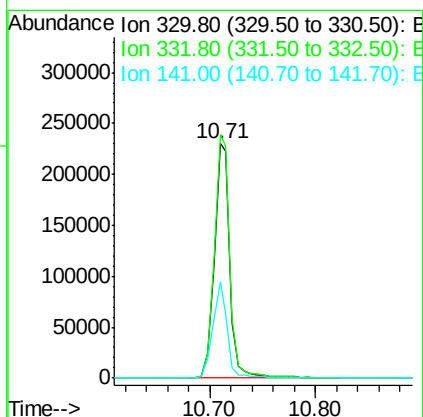
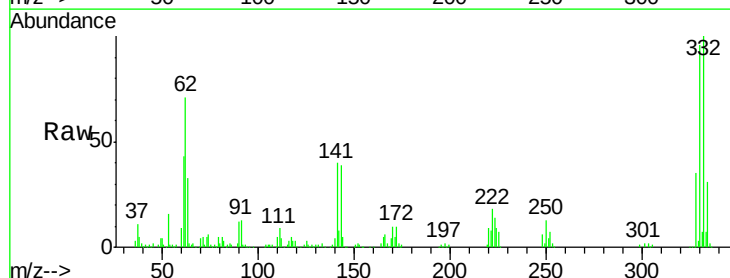
Instrument :
BNA_F
ClientSampleId :
SB-02

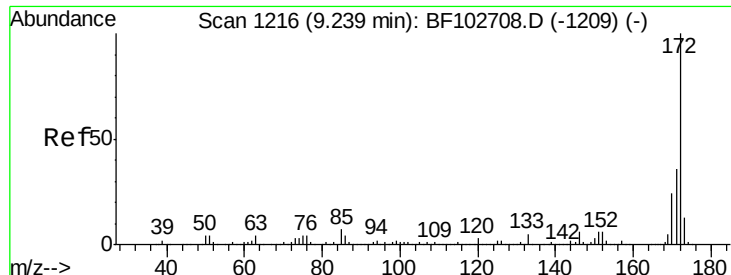
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.0	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 122.303 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102841.D
Acq: 8 Feb 2018 3:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	38.5	29.9	44.9



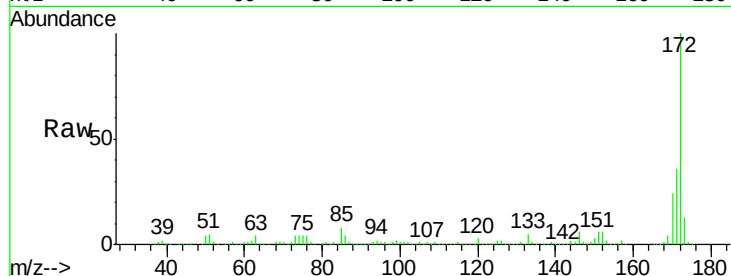


#44
 2-Fluorobiphenyl
 Concen: 90.625 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102841.D
 Acq: 8 Feb 2018 3:31

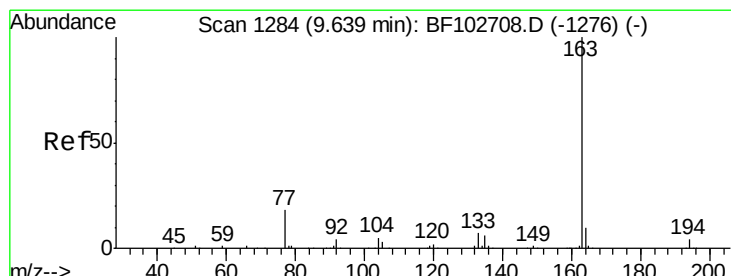
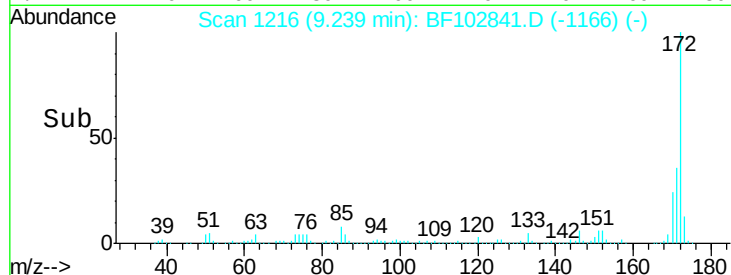
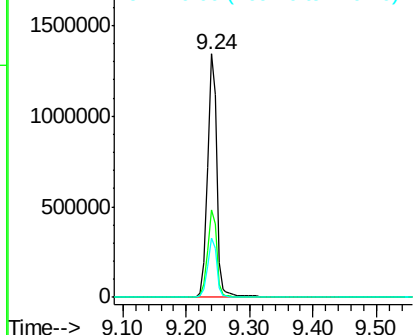
Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tot Ion:172 Resp: 1343960

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4



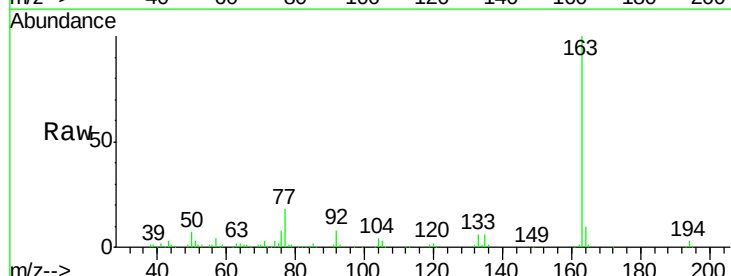
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



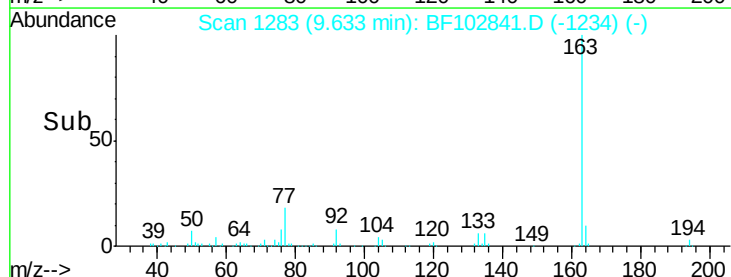
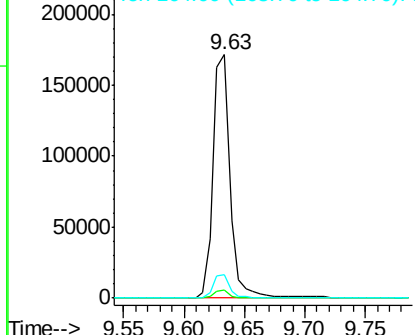
#49
 Dimethylphthalate
 Concen: 8.730 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102841.D
 Acq: 8 Feb 2018 3:31

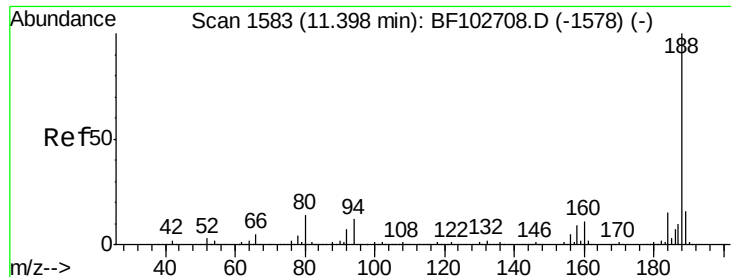
Tgt Ion:163 Resp: 167508

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2



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: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

Instrument :

BNA_F

ClientSampled :

SB-02

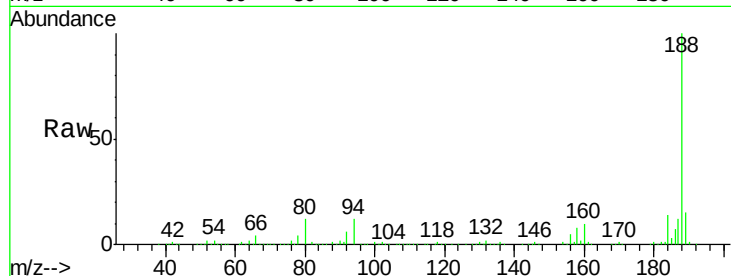
Tot Ion:188 Resp: 363689

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

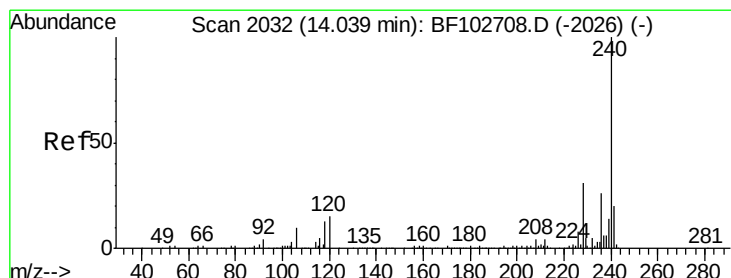
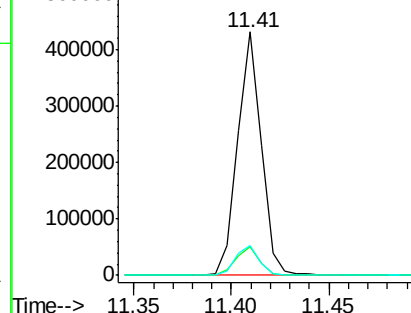
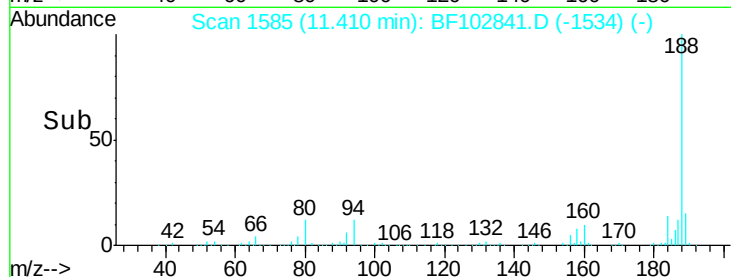
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

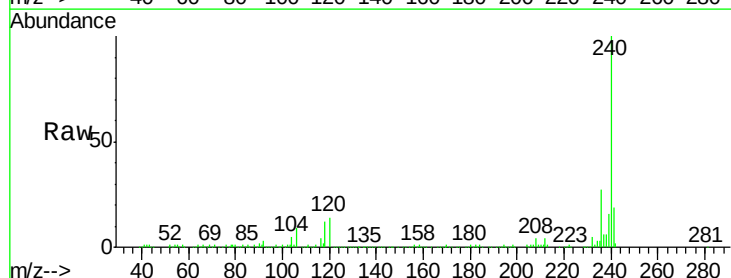
Tgt Ion:240 Resp: 302860

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

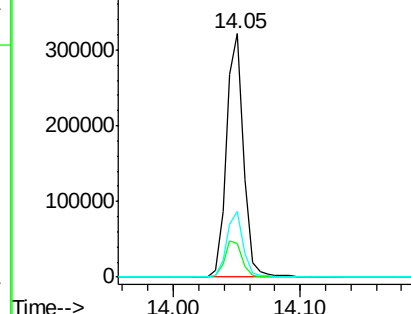
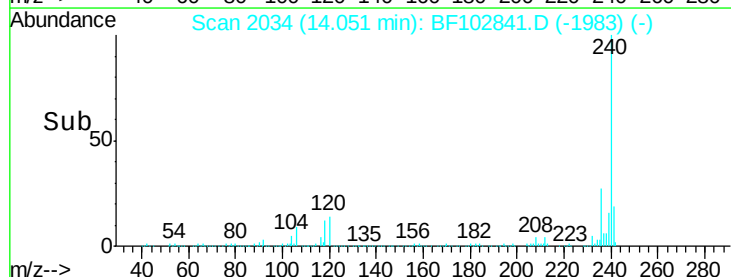
236 26.7 20.7 31.1

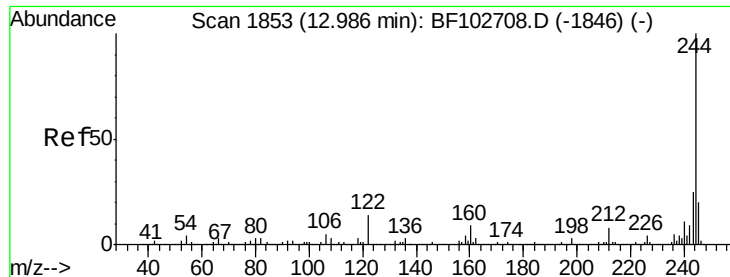


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.456 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

Instrument :

BNA_F

ClientSampleId :

SB-02

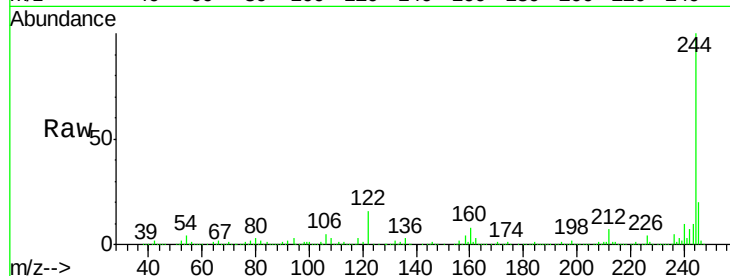
Tot Ion:244 Resp: 939575

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

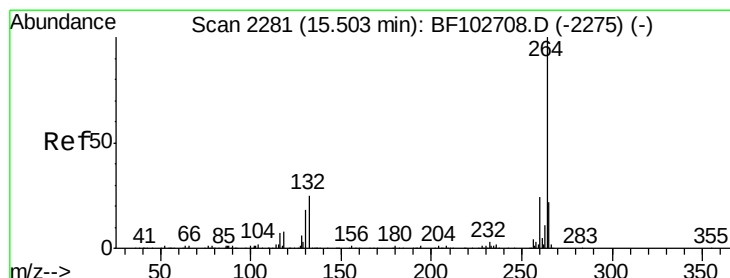
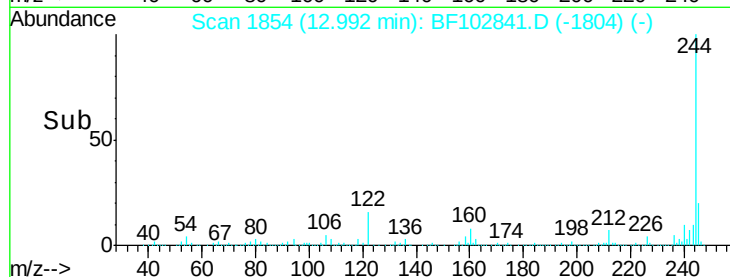
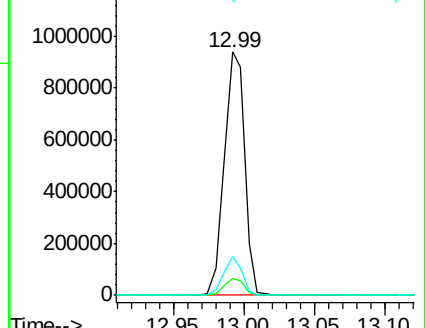
122 15.8 11.0 16.4



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: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102841.D

Acq: 8 Feb 2018 3:31

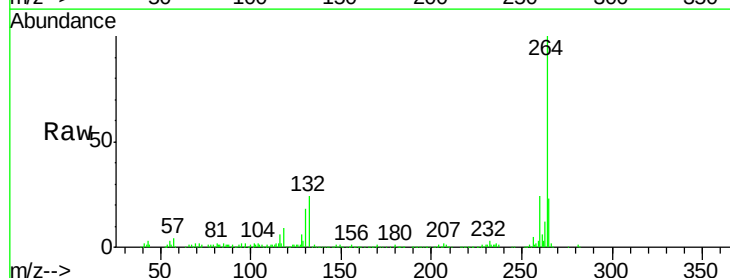
Tgt Ion:264 Resp: 226930

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.5 17.5 26.3



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

