

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102811.D
 Acq On : 7 Feb 2018 13:20
 Operator : SJ/JU
 Sample : J1458-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Feb 08 02:26:32 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

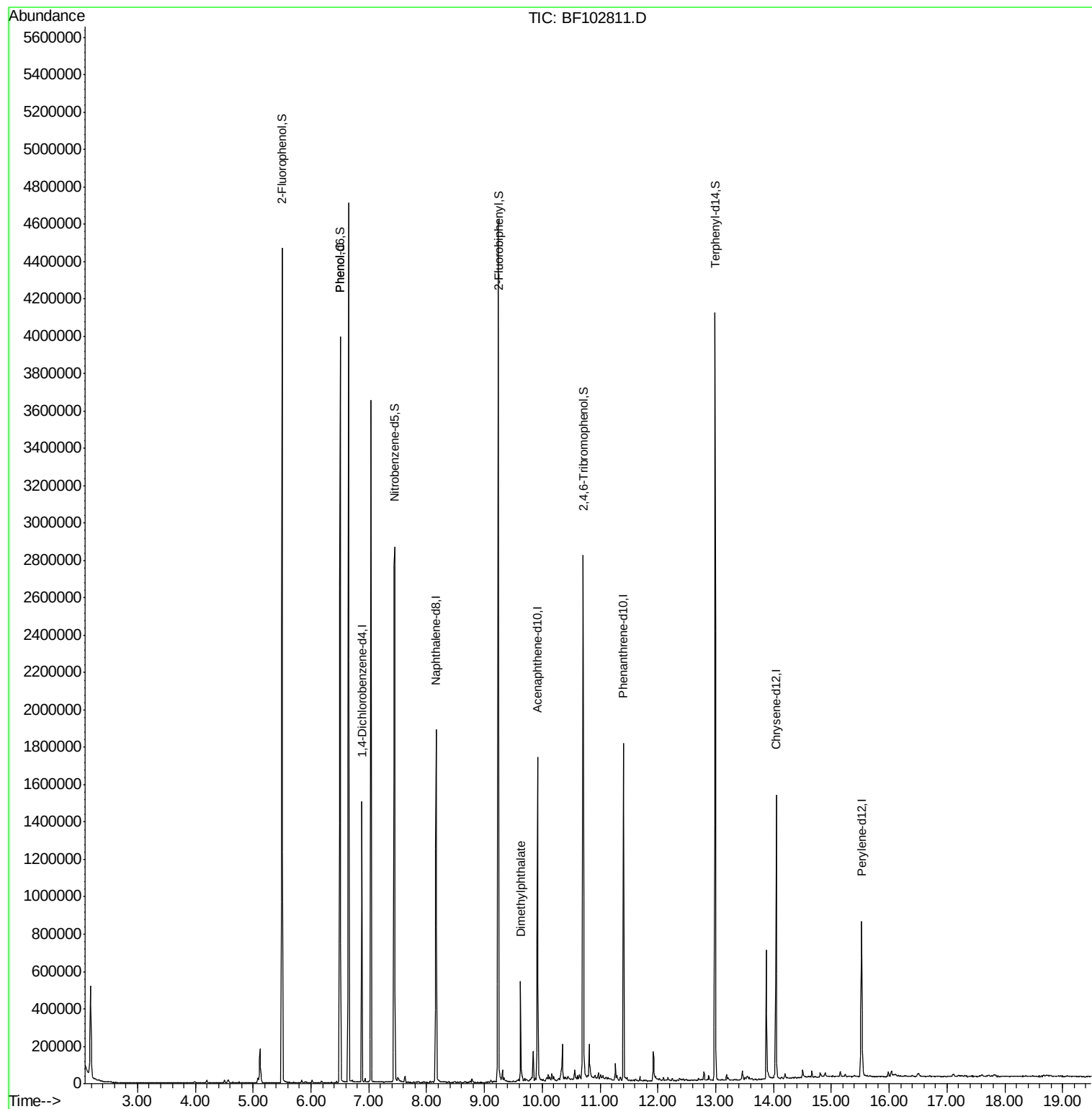
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	194290	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	810858	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	373508	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	651999	20.00	ng	0.00
75) Chrysene-d12	14.04	240	500683	20.00	ng	0.00
86) Perylene-d12	15.52	264	399264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1322768	103.39	ng	0.01
7) Phenol-d6	6.51	99	1578828	102.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1005364	86.01	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	343018	114.10	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1509135	67.05	ng	0.00
78) Terphenyl-d14	12.99	244	1413414	66.84	ng	0.00
Target Compounds						
10) Phenol	6.52	94	44624	2.703	ng	89
49) Dimethylphthalate	9.63	163	190998	6.558	ng	99

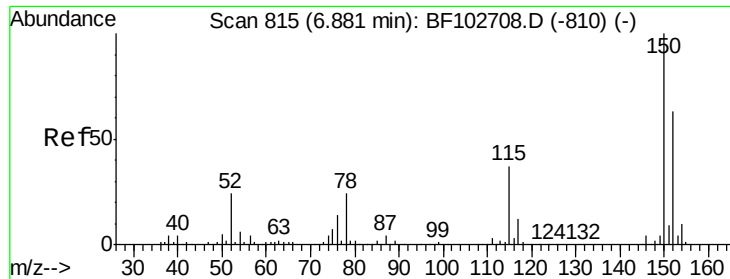
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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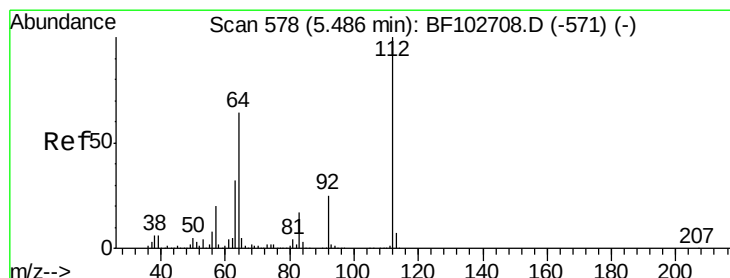
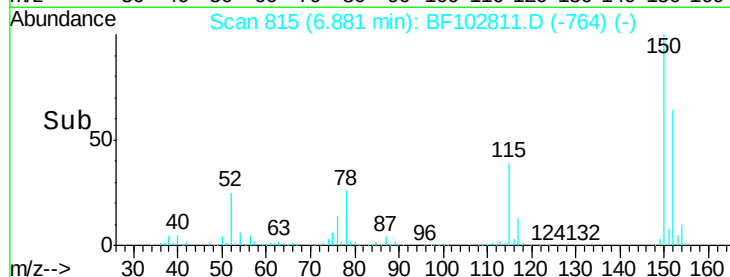
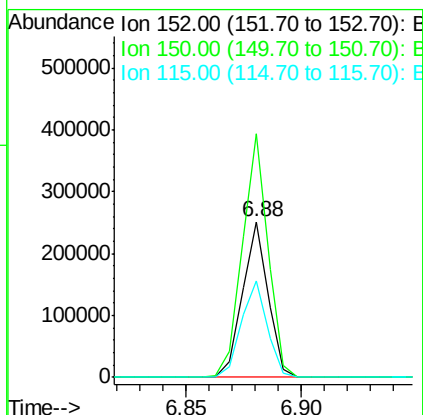
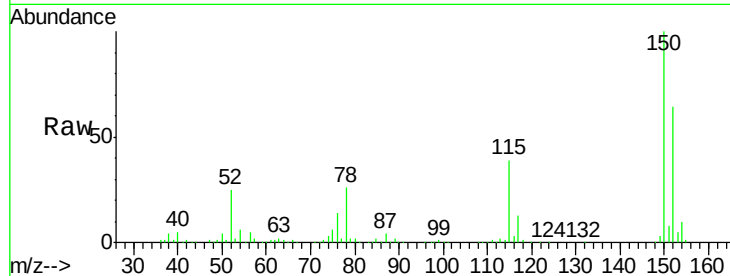


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Instrument :
BNA_F
ClientSampleId :
SB-01

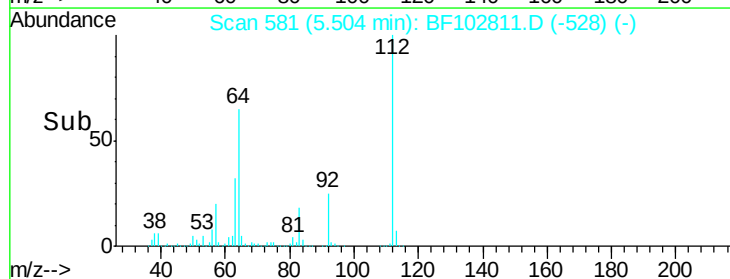
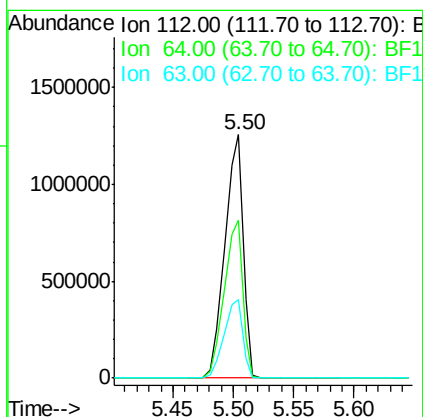
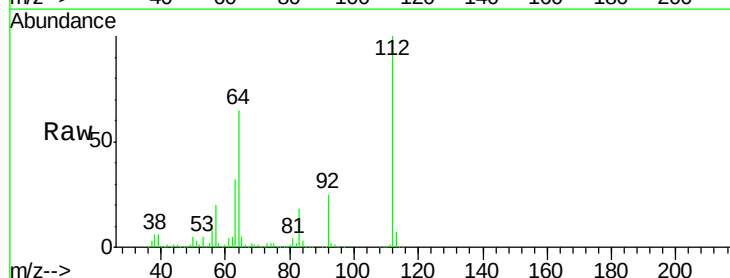
Tot Ion:152 Resp: 194290
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.9 50.1 75.1

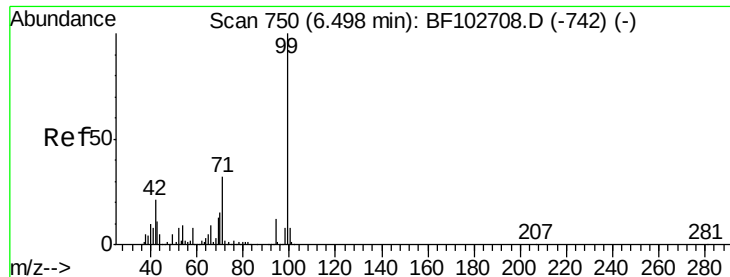


#5

2-Fluorophenol
Concen: 103.394 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion:112 Resp: 1322768
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 102.493 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SB-01

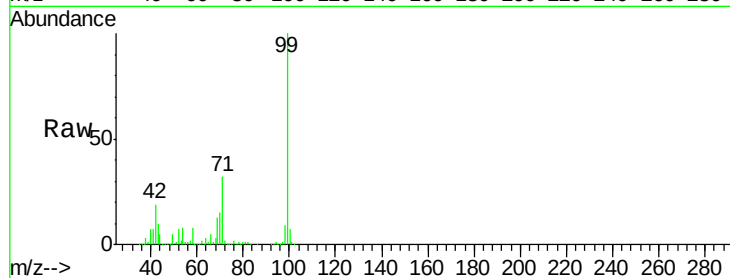
Tot Ion: 99 Resp: 1578828

Ion Ratio Lower Upper

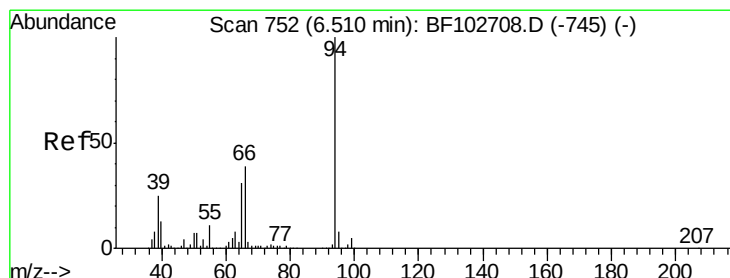
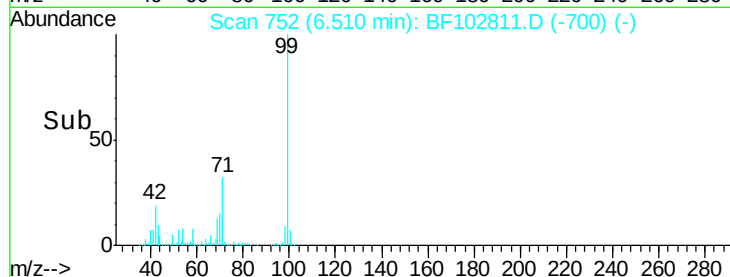
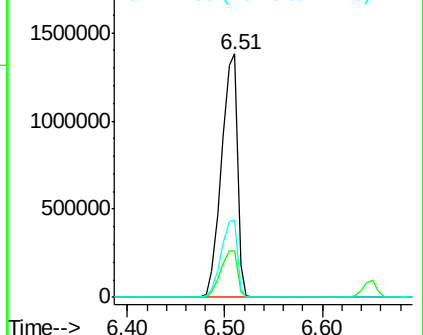
99 100

42 19.3 14.5 21.7

71 31.8 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: 2.703 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

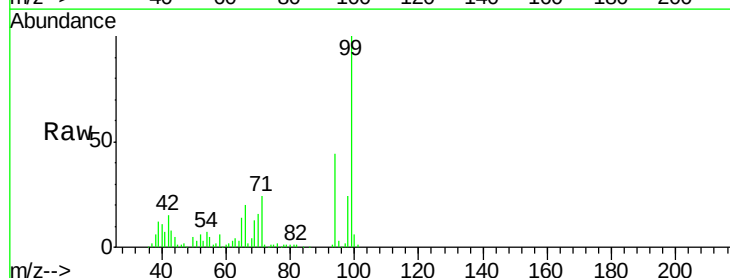
Tgt Ion: 94 Resp: 44624

Ion Ratio Lower Upper

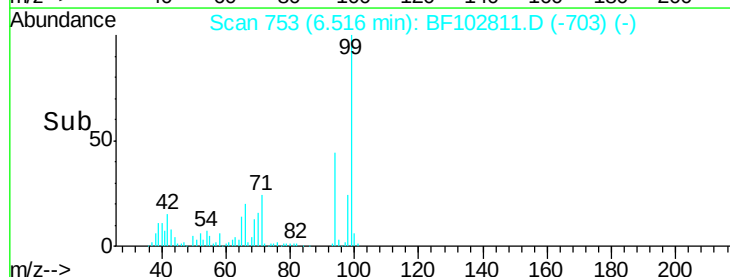
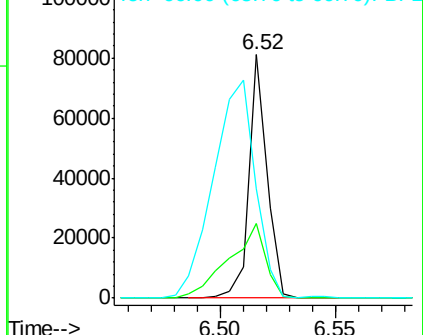
94 100

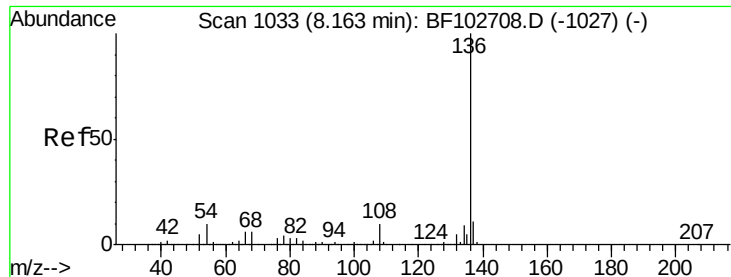
65 30.9 7.9 47.9

66 44.8 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

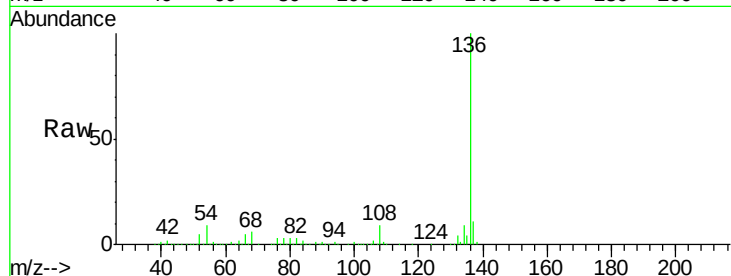




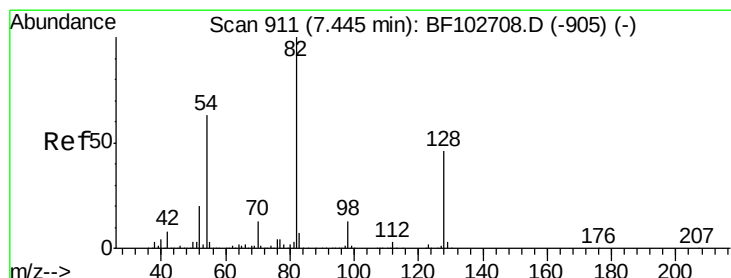
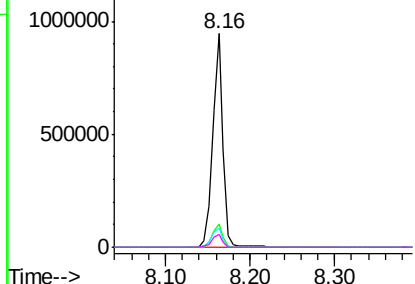
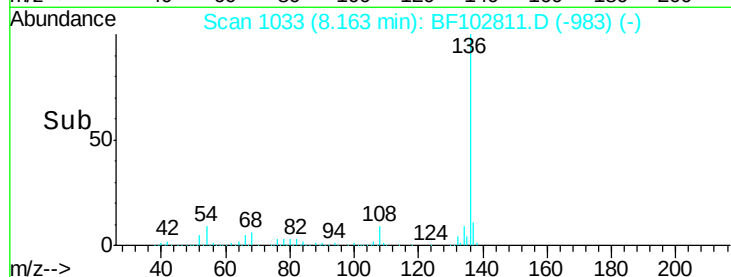
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Instrument :
BNA_F
ClientSampled :
SB-01

Tot Ion:136	Resp:	810858
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.0	6.6 9.8
68	6.2	5.0 7.4

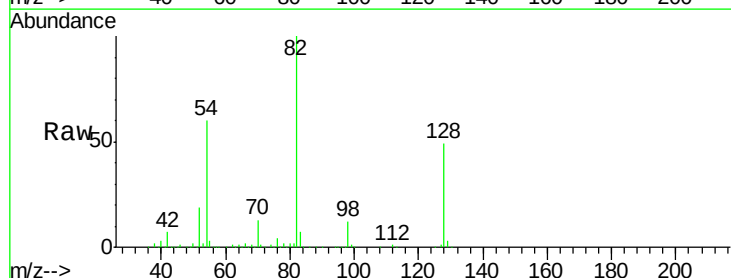


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

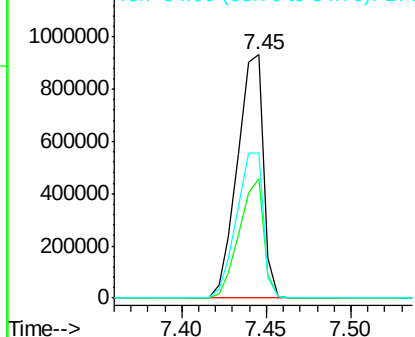
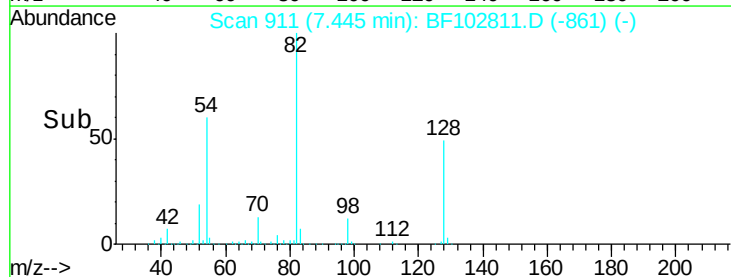


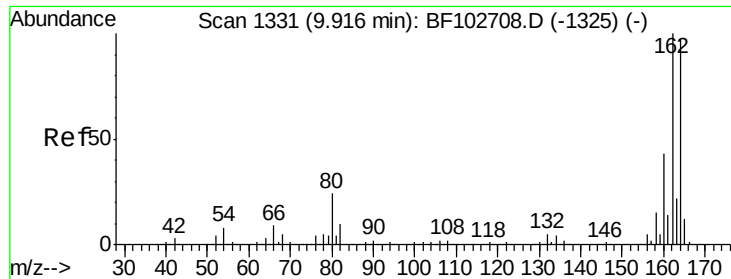
#23
Nitrobenzene-d5
Concen: 86.011 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion: 82	Resp:	1005364
Ion Ratio	Lower	Upper
82	100	
128	49.0	36.1 54.1
54	59.7	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

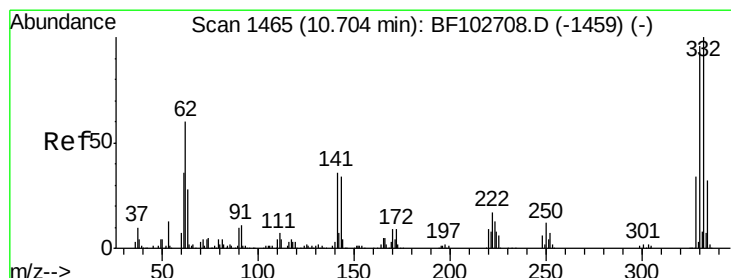
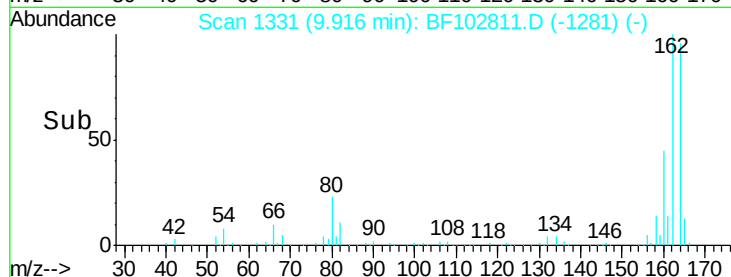
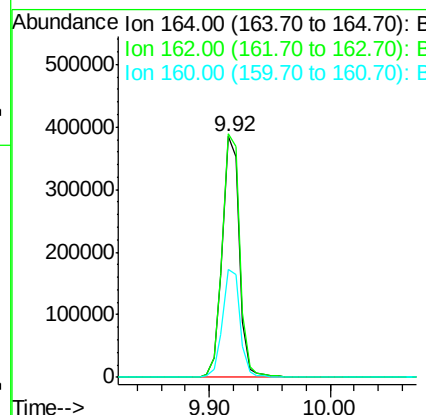
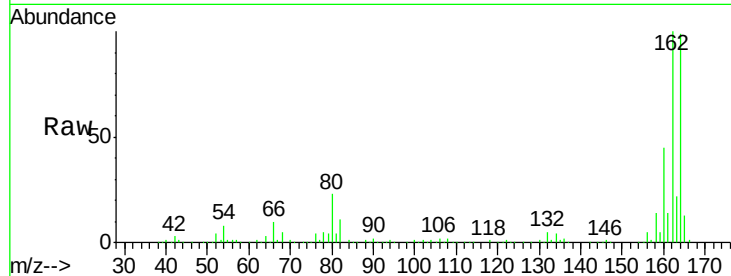




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

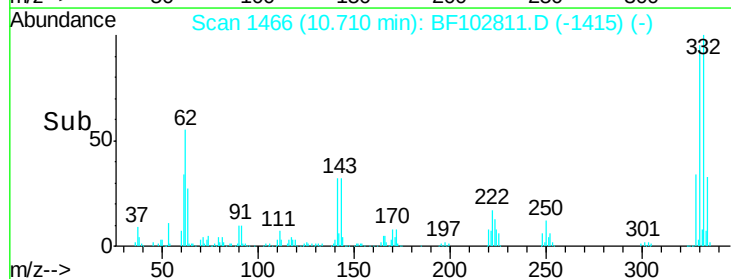
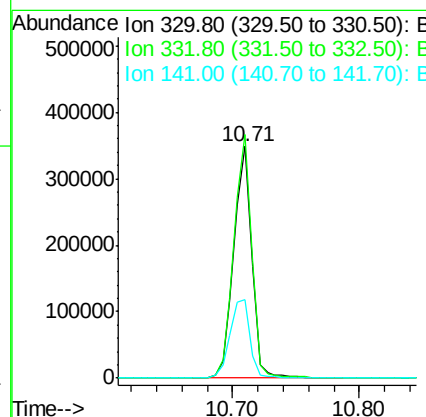
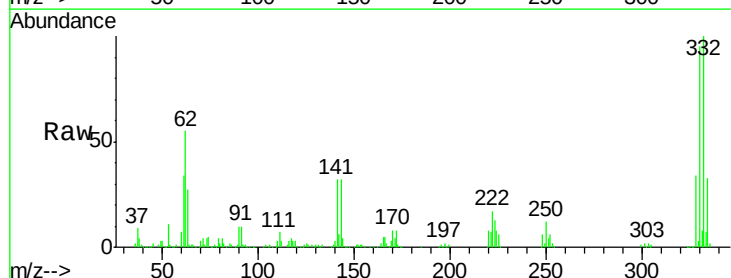
Instrument :
 BNA_F
 ClientSampled :
 SB-01

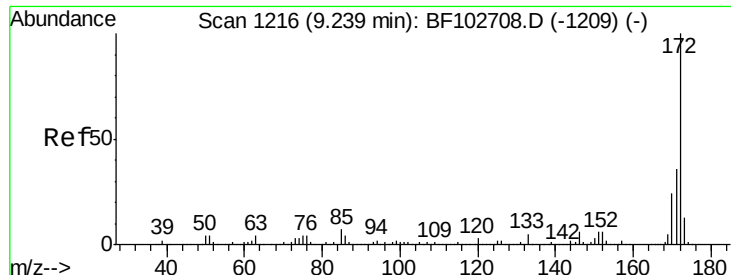
Tot Ion:164 Resp: 373508
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 45.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.100 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Tgt Ion:330 Resp: 343018
 Ion Ratio Lower Upper
 330 100
 332 104.9 77.0 115.6
 141 38.0 29.9 44.9



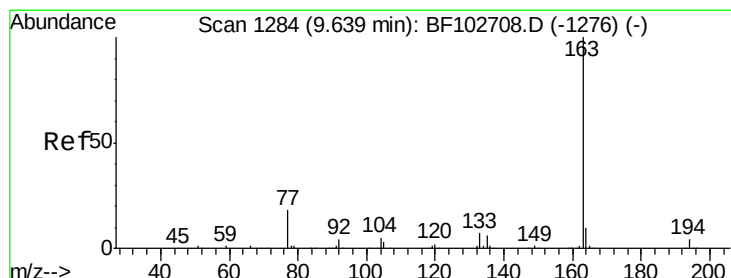
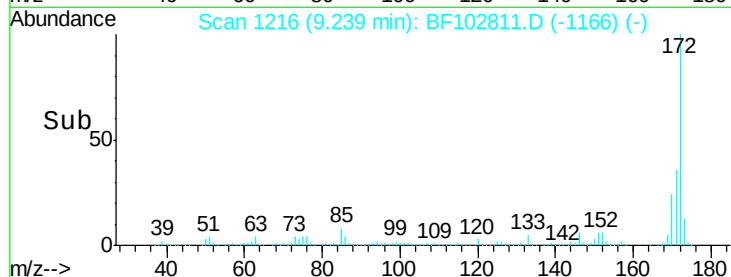
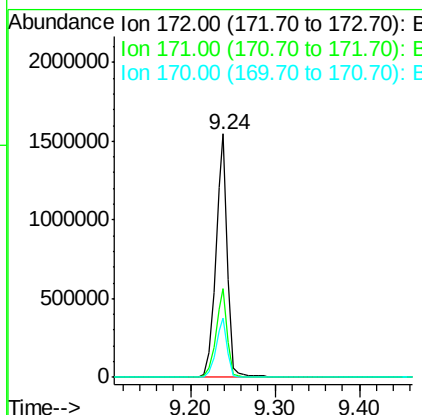
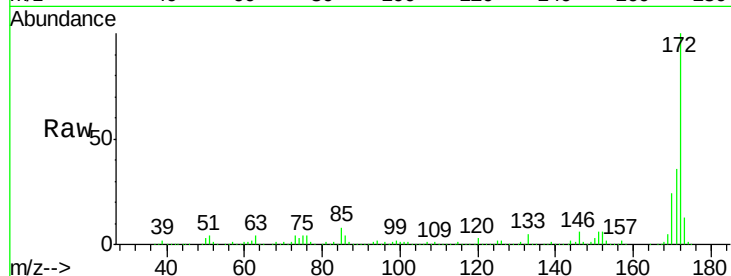


#44
 2-Fluorobiphenyl
 Concen: 67.045 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion:172 Resp: 1509135

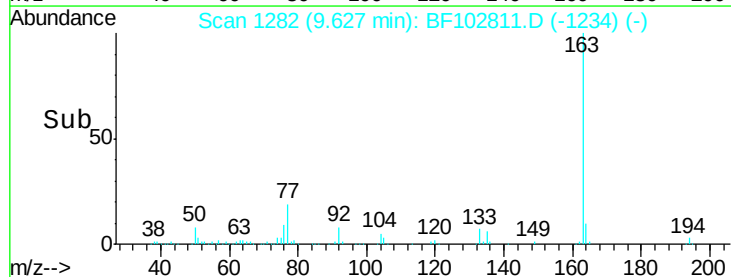
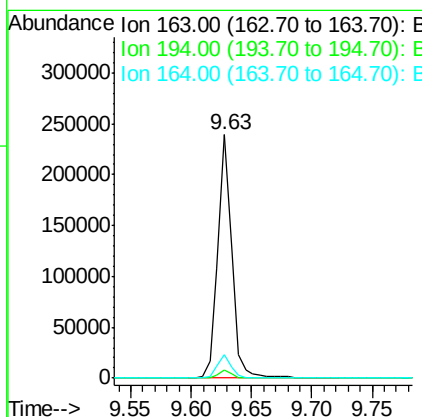
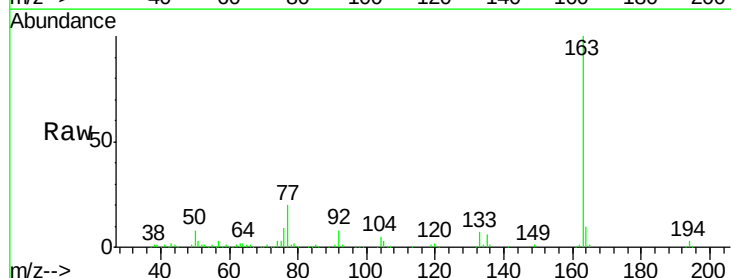
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

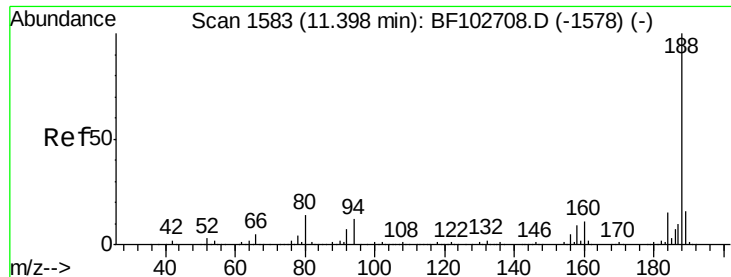


#49
 Dimethylphthalate
 Concen: 6.558 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Tgt Ion:163 Resp: 190998

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.6	8.2	12.2

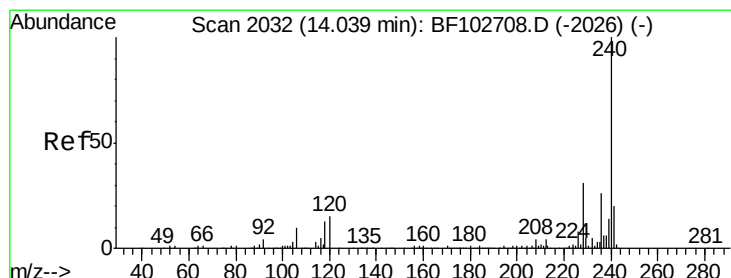
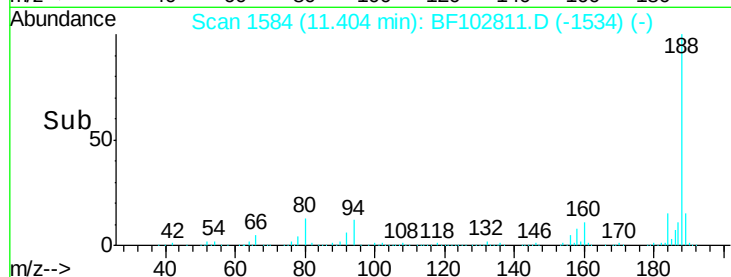
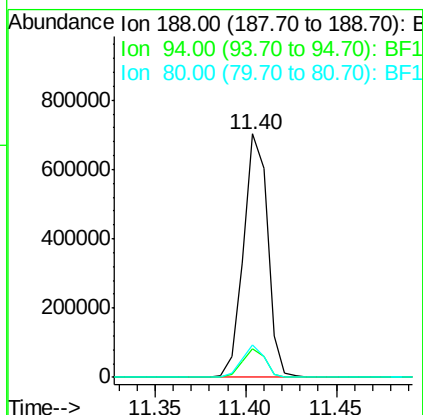
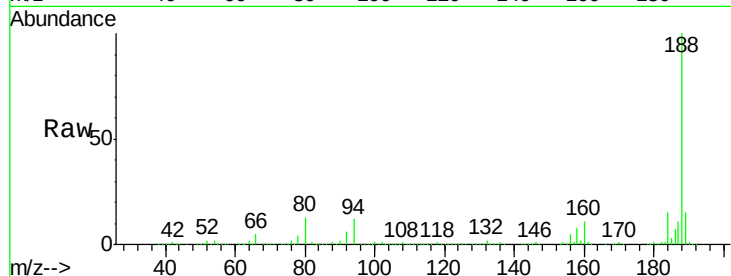




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

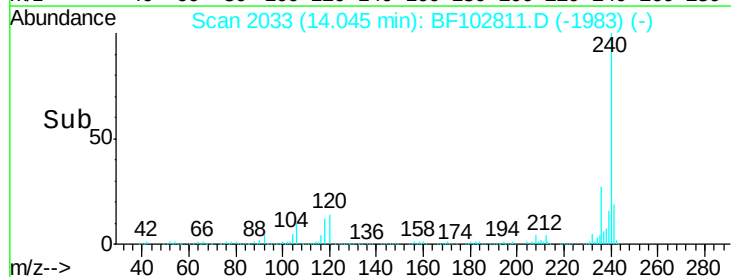
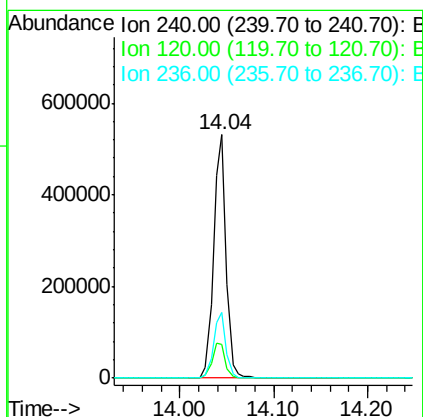
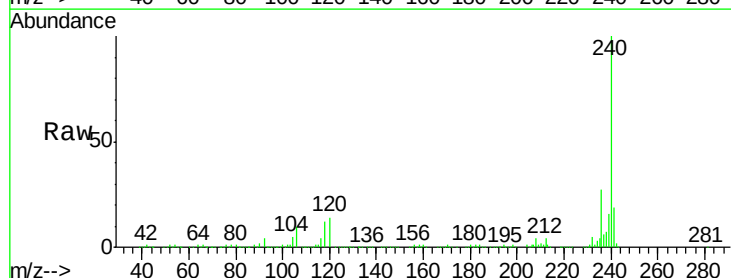
Instrument :
BNA_F
ClientSampleId :
SB-01

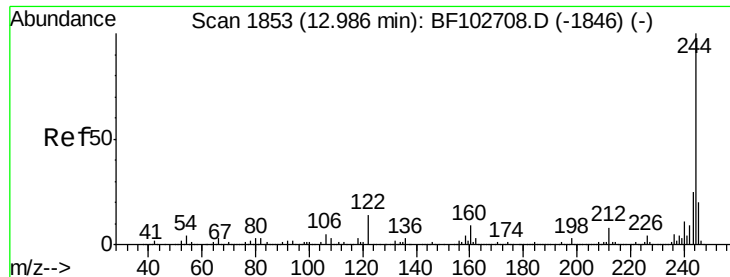
Tot Ion:188 Resp: 651999
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion:240 Resp: 500683
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 66.842 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

SB-01

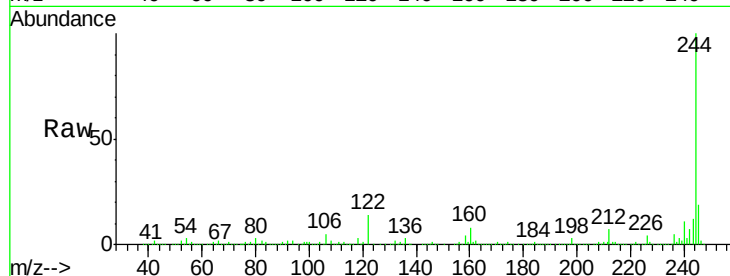
Tot Ion:244 Resp: 1413414

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

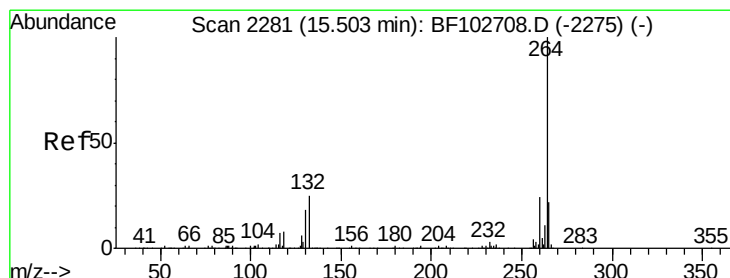
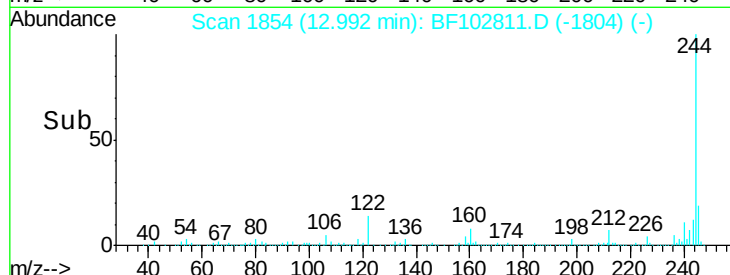
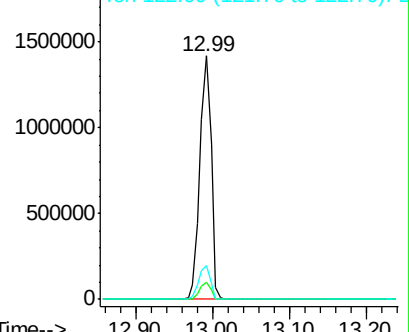
122 14.1 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

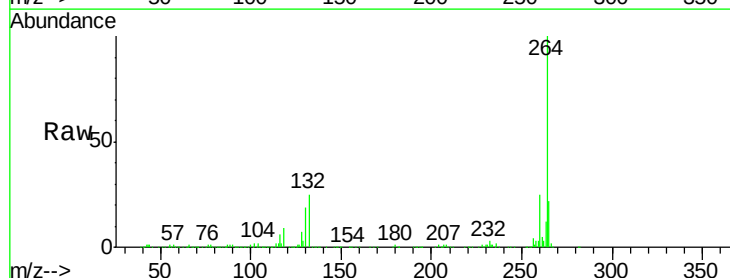
Tgt Ion:264 Resp: 399264

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.2 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

