

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102724.D
 Acq On : 3 Feb 2018 18:30
 Operator : SJ/JU
 Sample : J1436-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B18

Quant Time: Feb 05 02:35:13 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 00:38:27 2018
 Response via : Initial Calibration

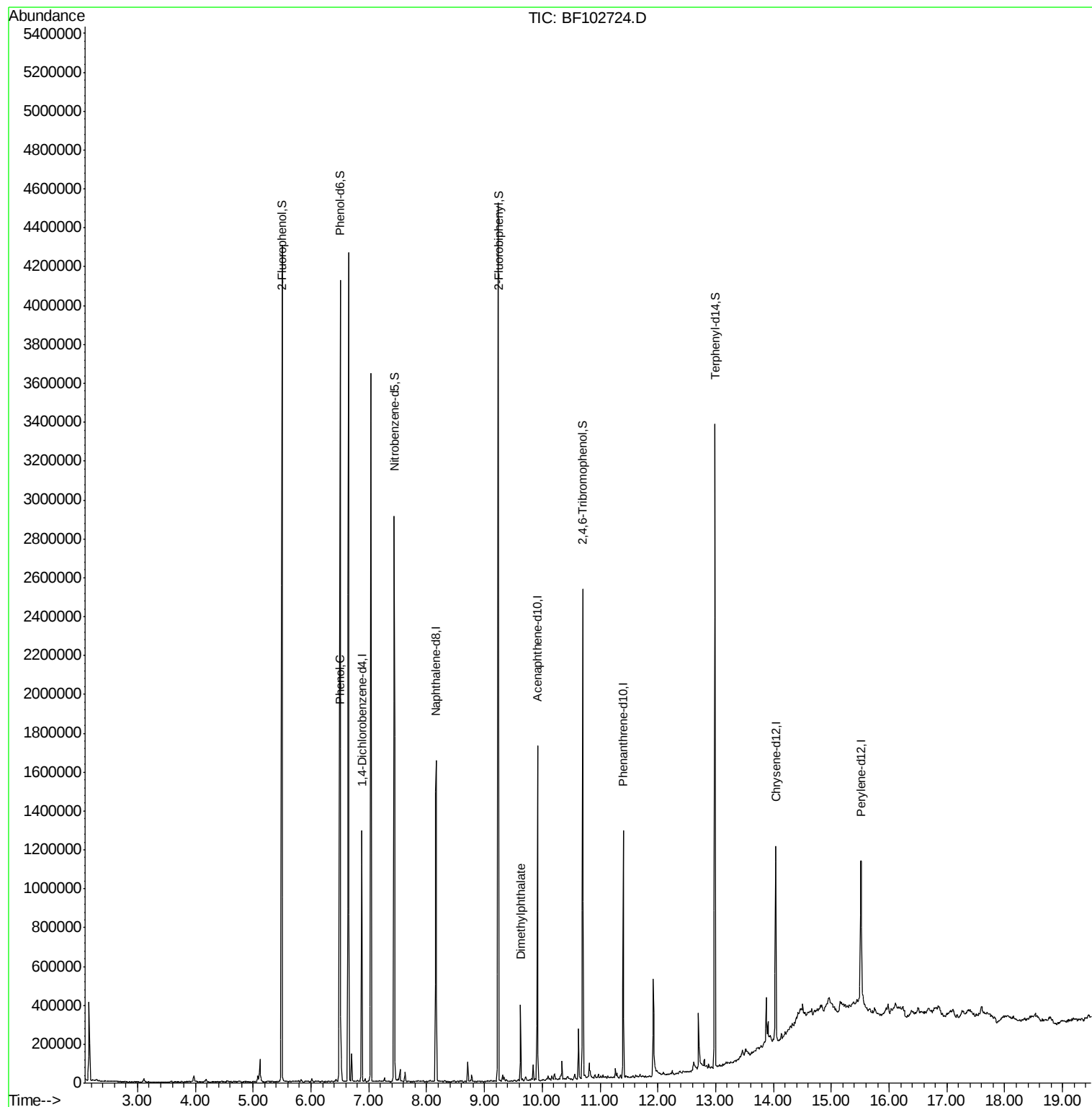
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180762	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	723102	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	310244	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	447886	20.00	ng	0.00
75) Chrysene-d12	14.04	240	337116	20.00	ng	0.00
86) Perylene-d12	15.51	264	344484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1293231	108.65	ng	0.01
7) Phenol-d6	6.50	99	1500586	104.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	885292	84.93	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	272535	109.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1529207	81.79	ng	0.00
78) Terphenyl-d14	12.99	244	1025340	72.02	ng	0.00
Target Compounds						
10) Phenol	6.52	94	67521	4.396	ng	99
49) Dimethylphthalate	9.63	163	147000	6.077	ng	100

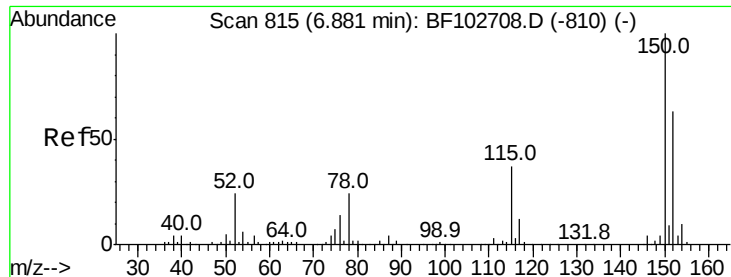
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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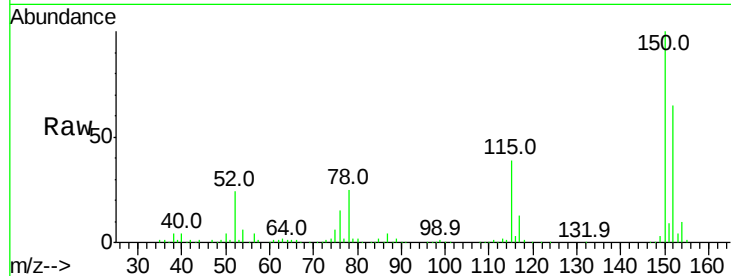


#1

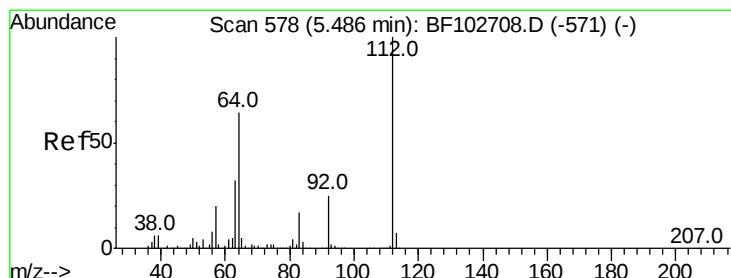
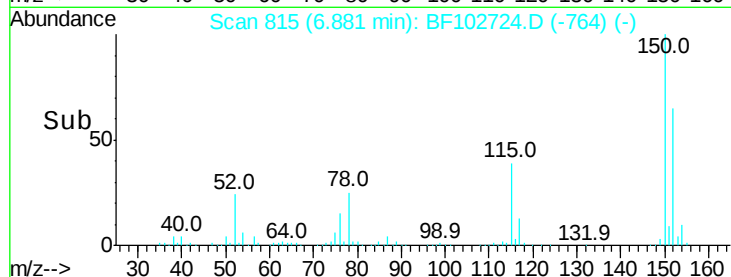
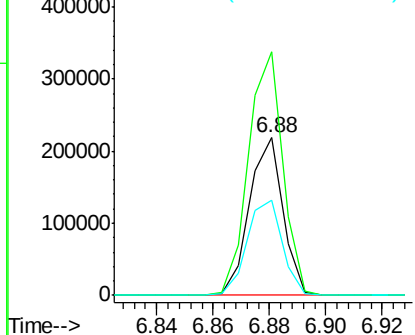
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampleId :
B18

Tot Ion:152 Resp: 180762
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.7 50.1 75.1



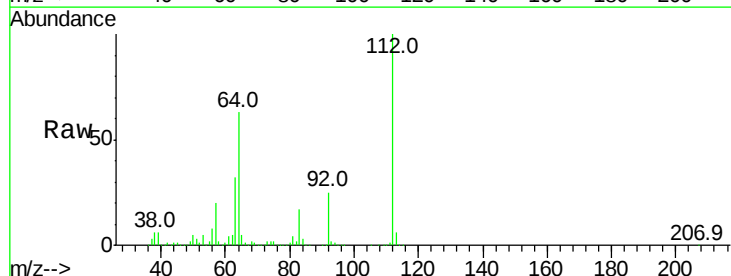
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



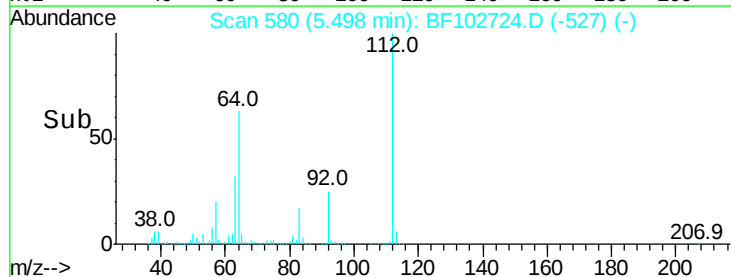
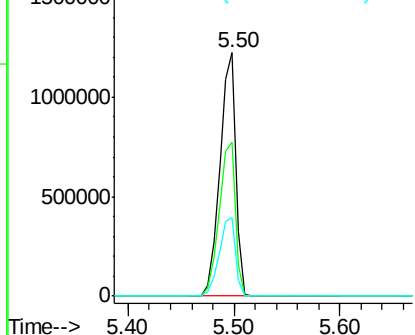
#5

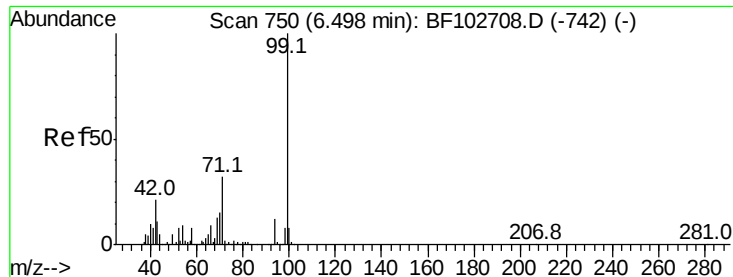
2-Fluorophenol
Concen: 108.650 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:112 Resp: 1293231
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.2 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: 104.704 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampleId :

B18

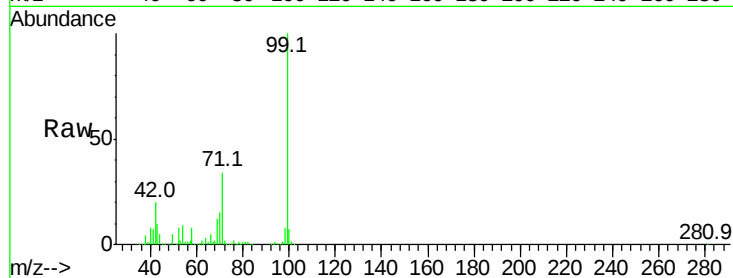
Tot Ion: 99 Resp: 1500586

Ion Ratio Lower Upper

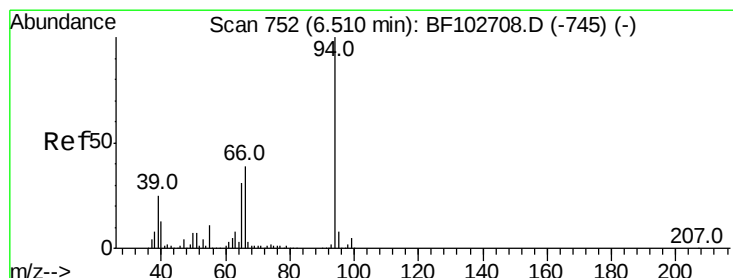
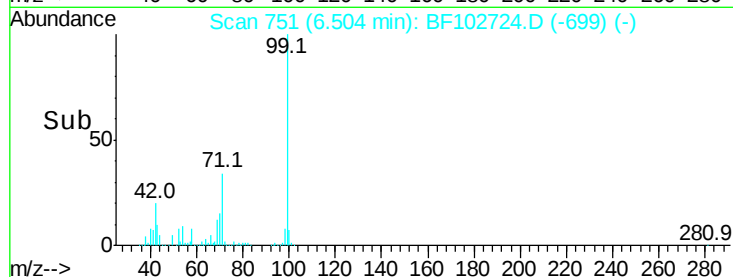
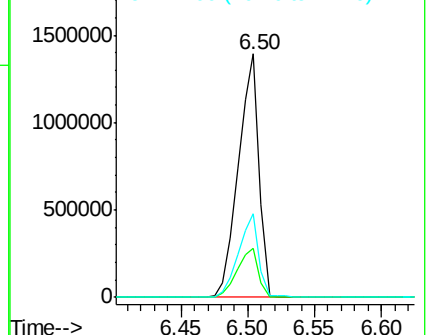
99 100

42 20.4 14.5 21.7

71 34.1 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: 4.396 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

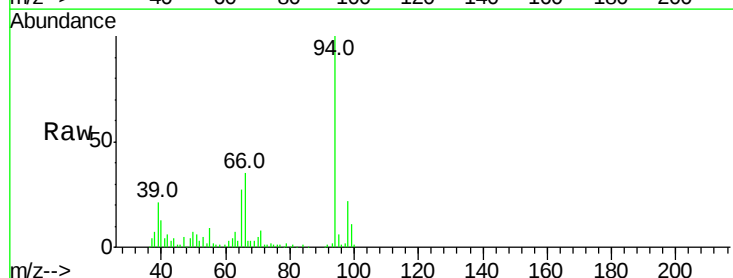
Tgt Ion: 94 Resp: 67521

Ion Ratio Lower Upper

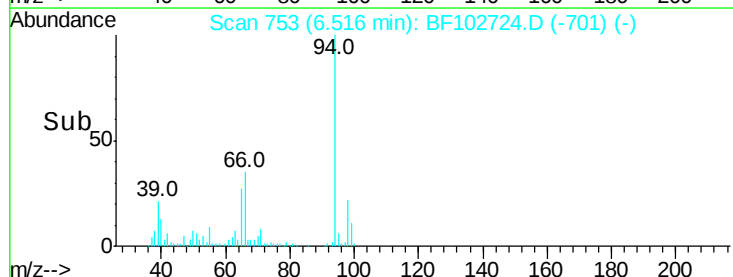
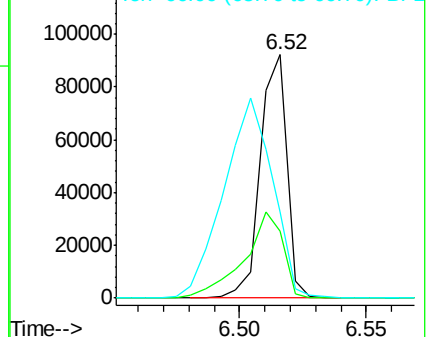
94 100

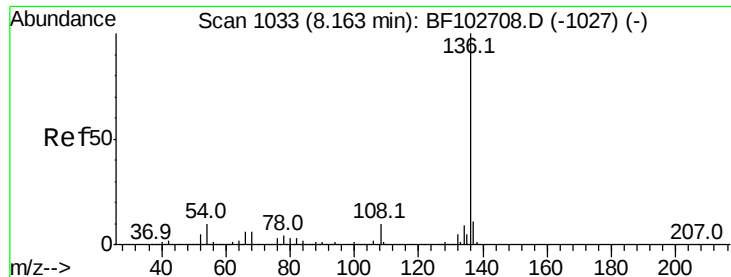
65 27.5 7.9 47.9

66 35.4 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

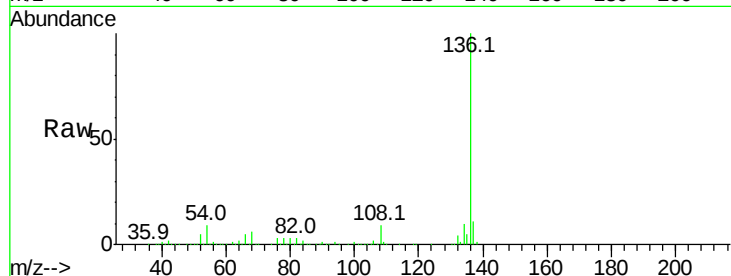




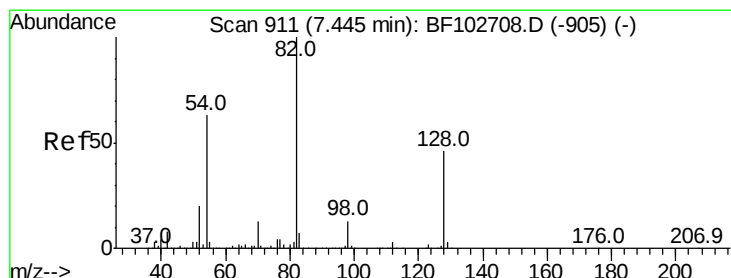
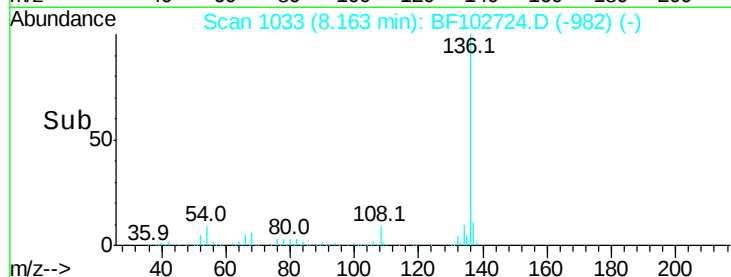
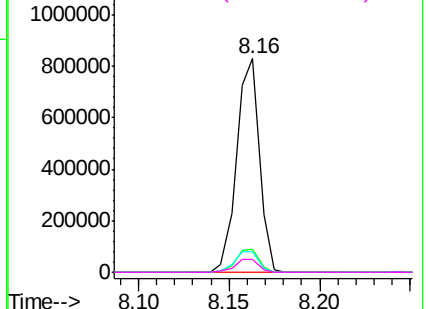
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampleId :
B18

Tot Ion:136	Resp:	723102
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.4	6.6 9.8
68	6.0	5.0 7.4

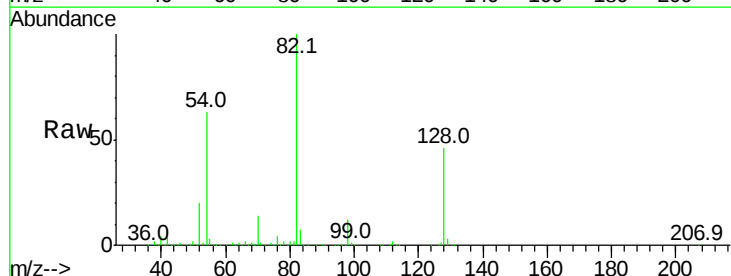


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

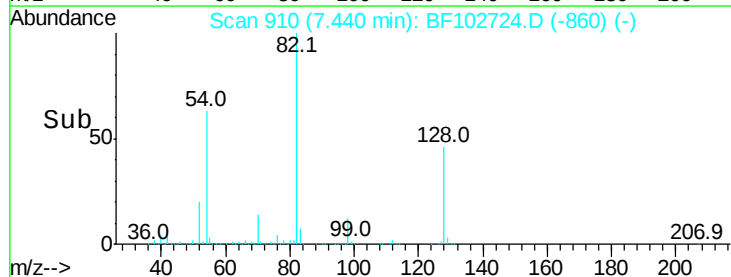
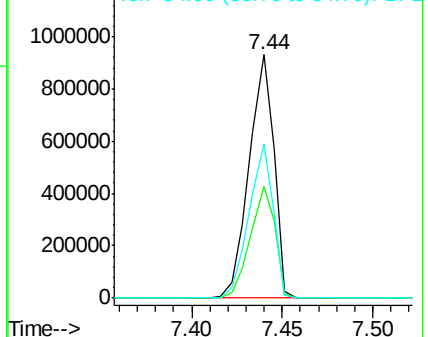


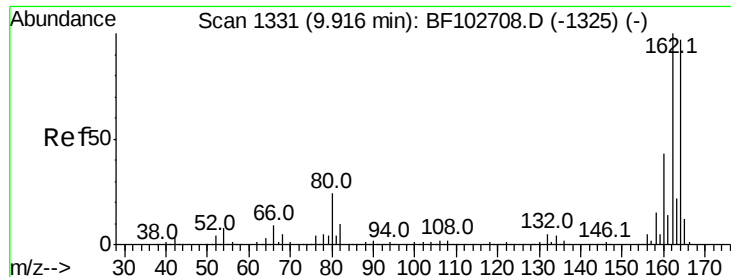
#23
Nitrobenzene-d5
Concen: 84.930 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion: 82	Resp:	885292
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	63.2	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

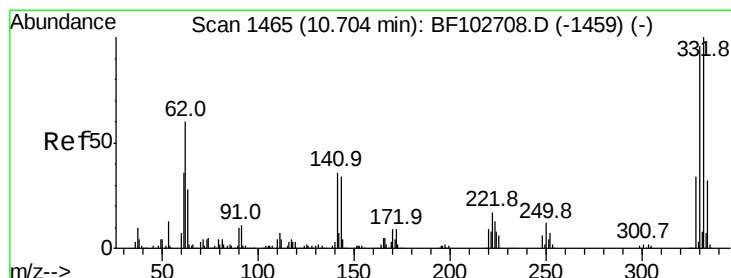
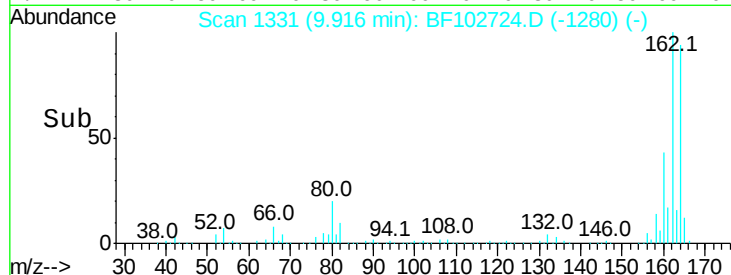
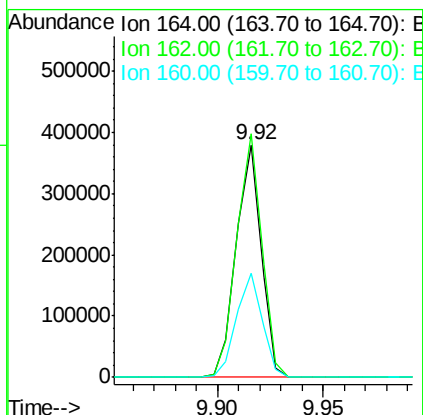
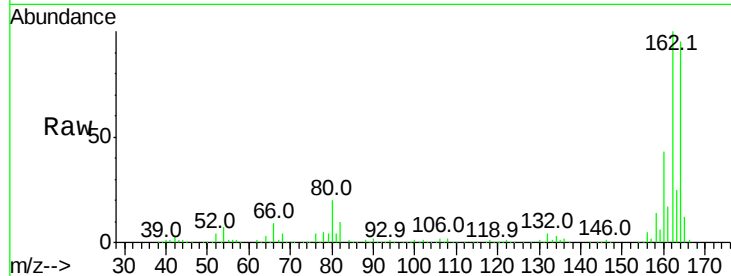




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

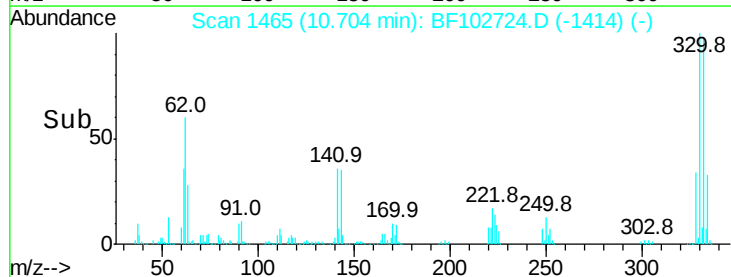
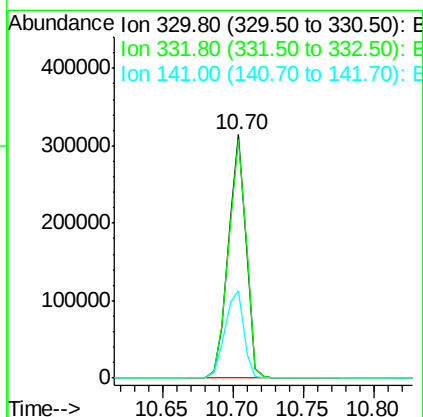
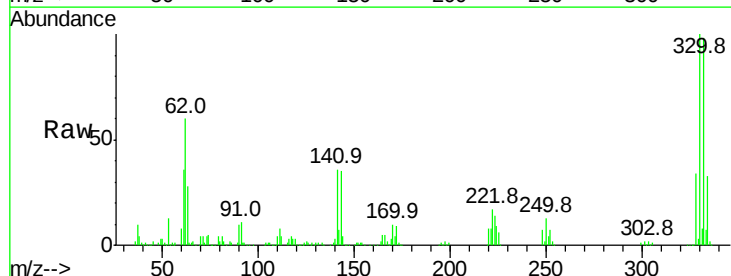
Instrument :
 BNA_F
 ClientSampleId :
 B18

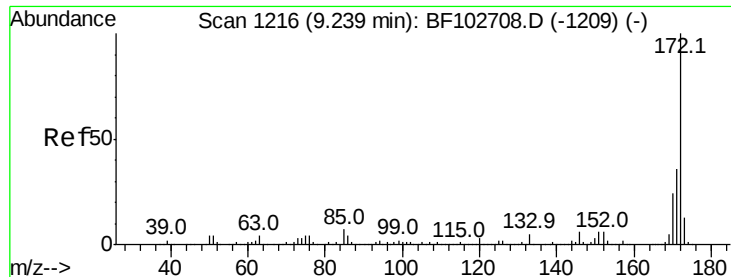
Tot Ion:164 Resp: 310244
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 109.141 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102724.D
 Acq: 3 Feb 2018 18:30

Tgt Ion:330 Resp: 272535
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.0 115.6
 141 38.3 29.9 44.9

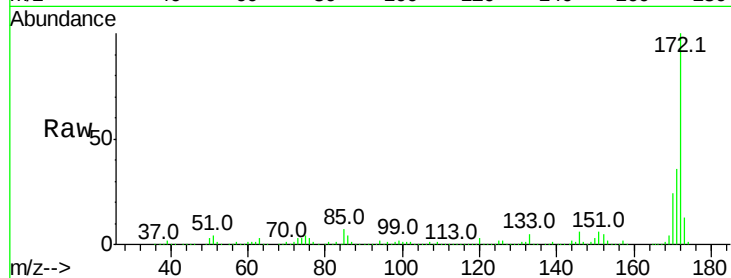




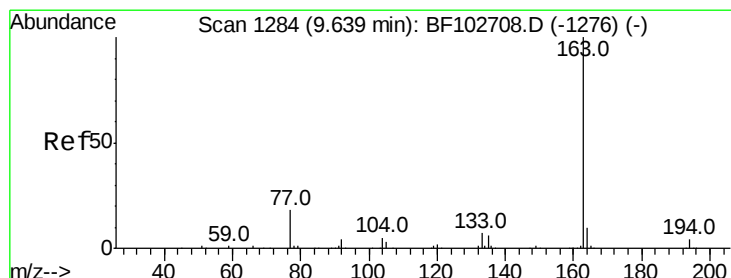
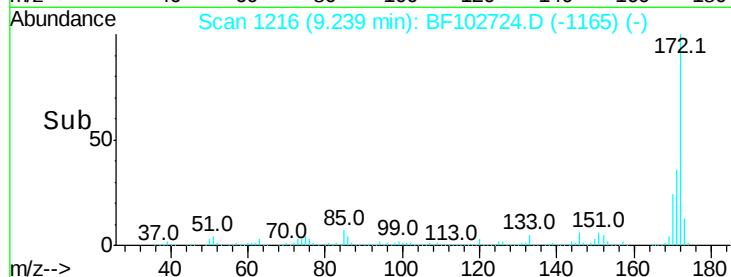
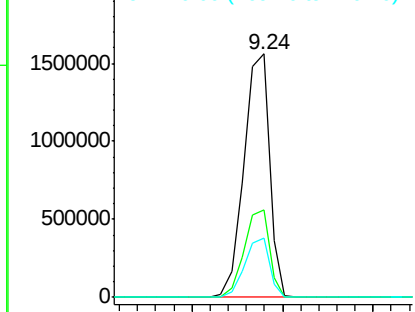
#44
2-Fluorobiphenyl
Concen: 81.790 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Instrument :
BNA_F
ClientSampleId :
B18

Tot Ion:172 Resp: 1529207
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.3 19.6 29.4

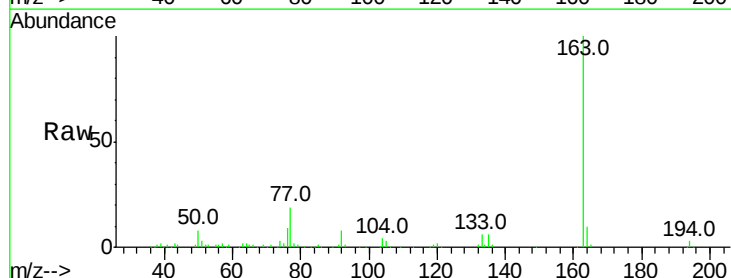


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

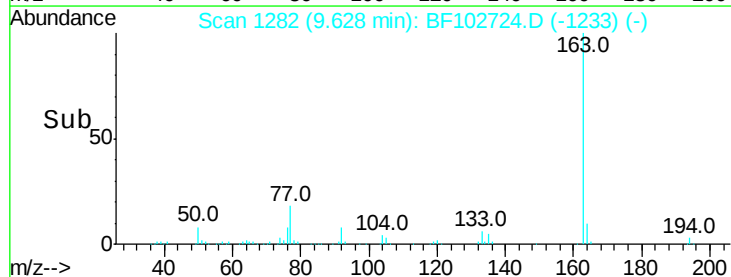
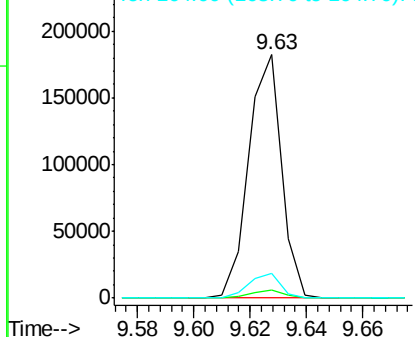


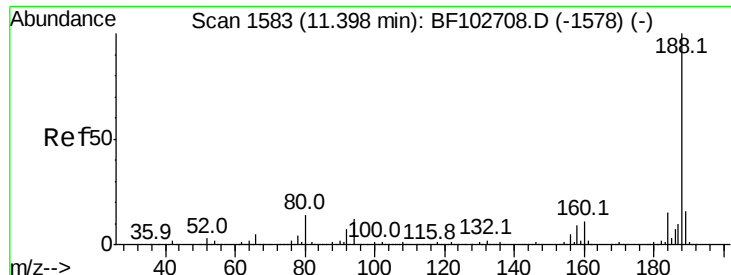
#49
Dimethylphthalate
Concen: 6.077 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF102724.D
Acq: 3 Feb 2018 18:30

Tgt Ion:163 Resp: 147000
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 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: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampleId :

B18

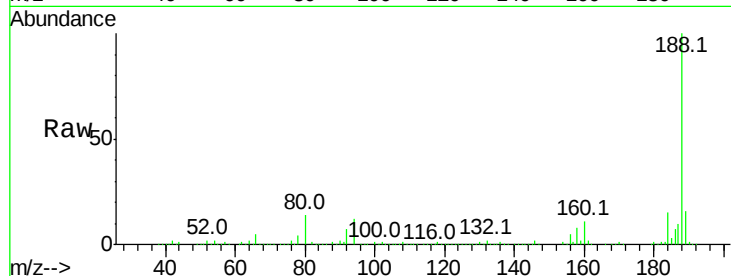
Tot Ion:188 Resp: 447886

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

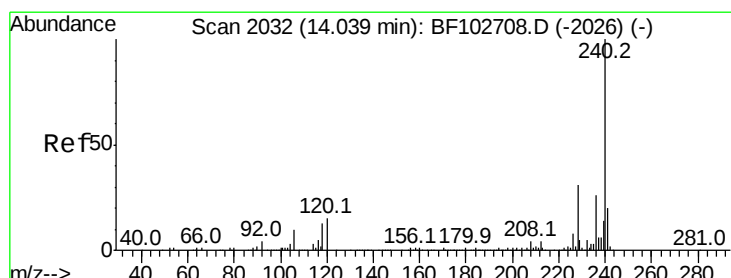
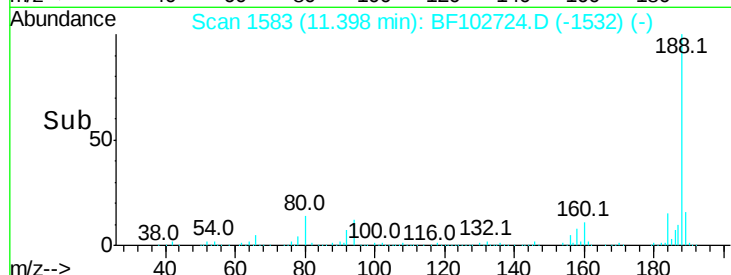
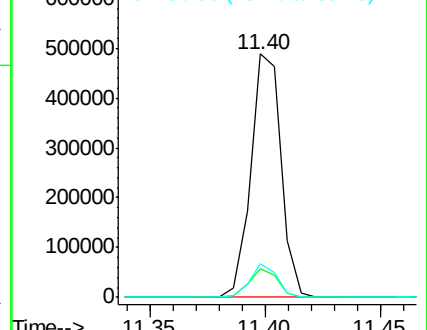
80 13.6 9.2 13.8



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: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

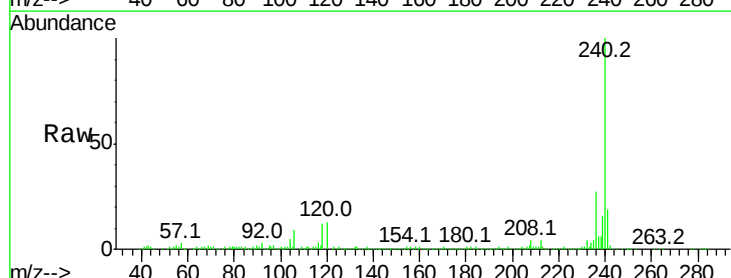
Tgt Ion:240 Resp: 337116

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

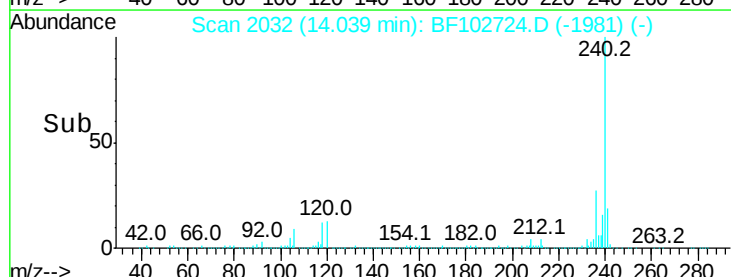
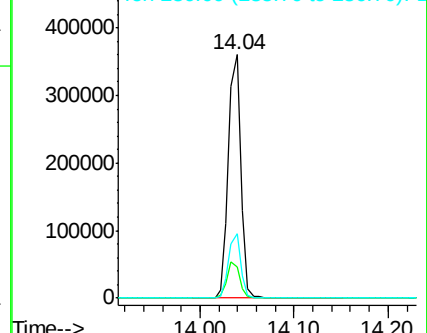
236 26.6 20.7 31.1

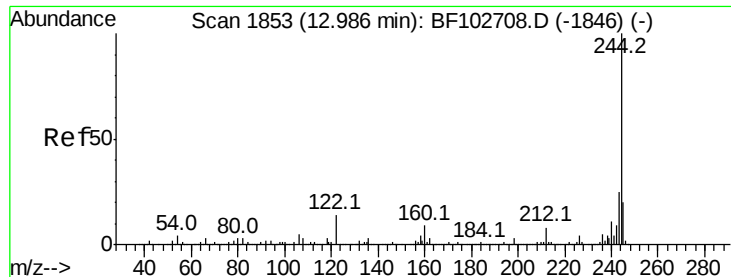


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.016 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

Instrument :

BNA_F

ClientSampled :

B18

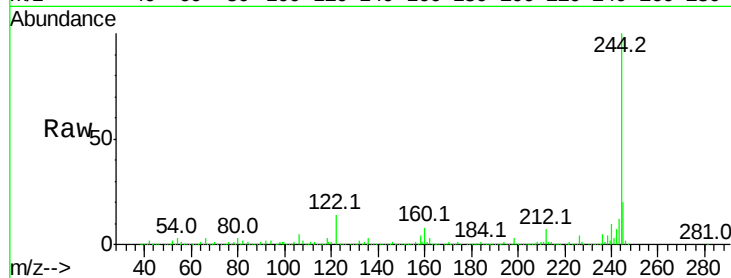
Tot Ion:244 Resp: 1025340

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

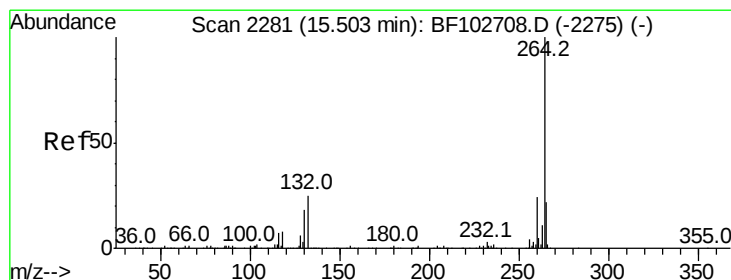
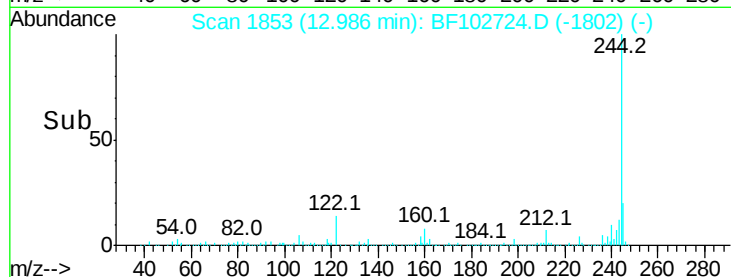
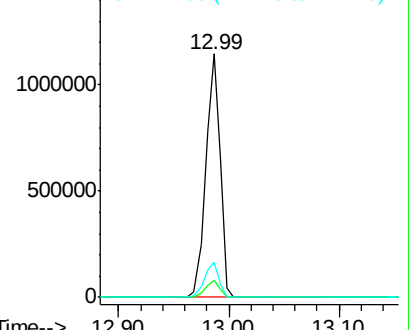
122 14.4 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102724.D

Acq: 3 Feb 2018 18:30

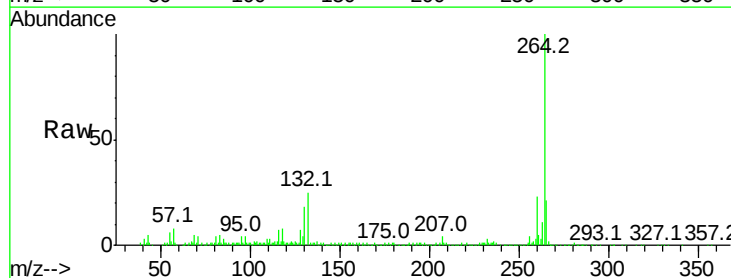
Tgt Ion:264 Resp: 344484

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

