

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103771.D
 Acq On : 19 Mar 2018 22:18
 Operator : JU/SJ
 Sample : J1971-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-4-SA-LATERAL-NW

Quant Time: Mar 20 02:03:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

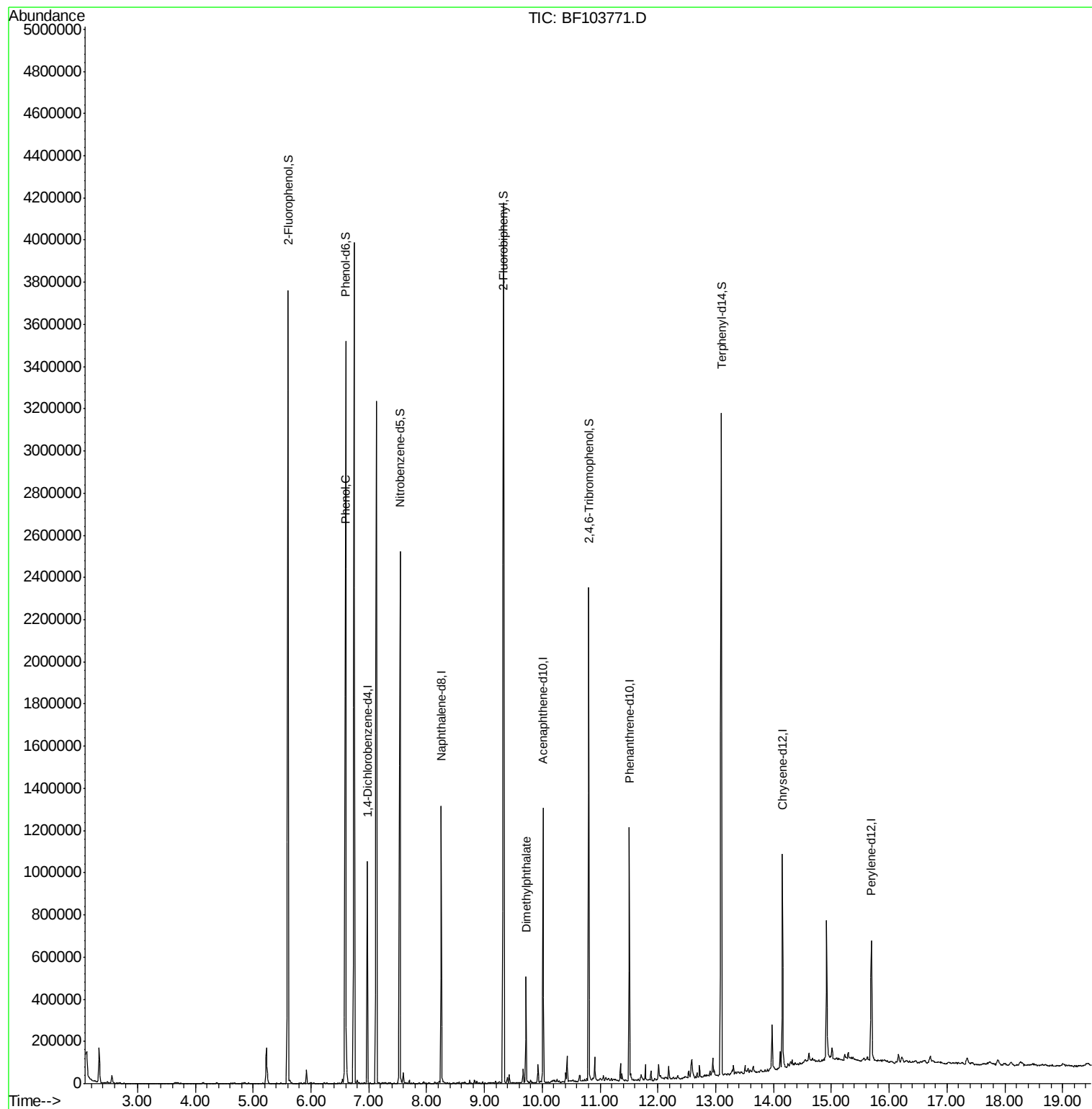
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156799	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	615589	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	260063	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	406343	20.00	ng	0.00
75) Chrysene-d12	14.16	240	312513	20.00	ng	0.00
86) Perylene-d12	15.69	264	253306	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1287879	124.93	ng	0.02
7) Phenol-d6	6.60	99	1593088	126.31	ng	0.01
23) Nitrobenzene-d5	7.54	82	972245	110.14	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	317965	142.20	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1422256	87.24	ng	0.00
78) Terphenyl-d14	13.10	244	1142231	84.84	ng	0.01
Target Compounds						
10) Phenol	6.61	94	41972	3.132	ng	92
49) Dimethylphthalate	9.72	163	180809	9.113	ng	99

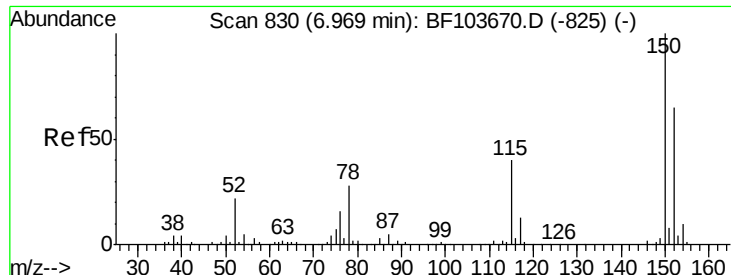
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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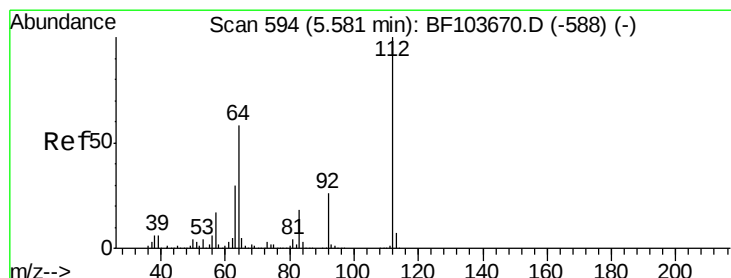
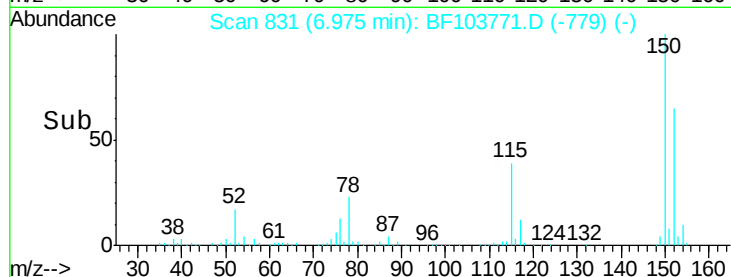
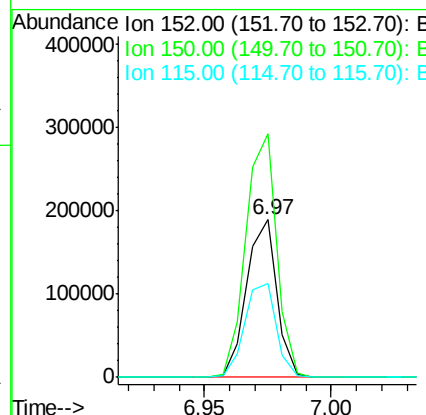
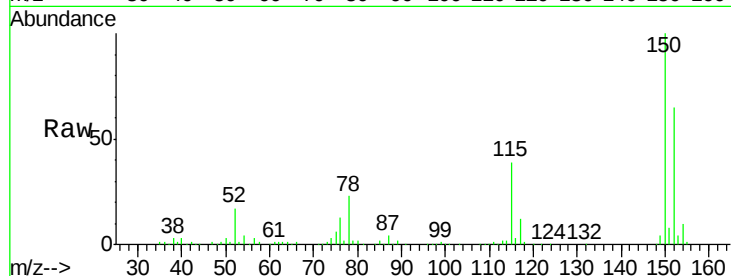


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-4-SA-LATERAL-NW

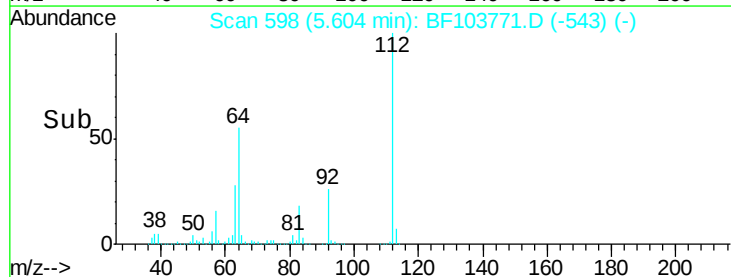
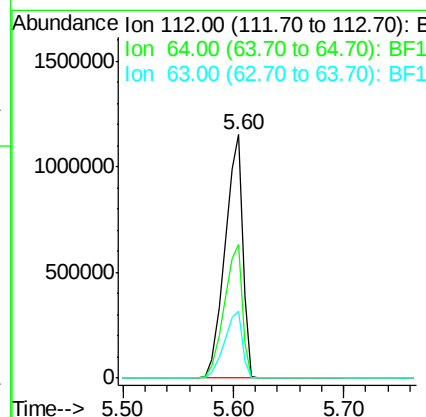
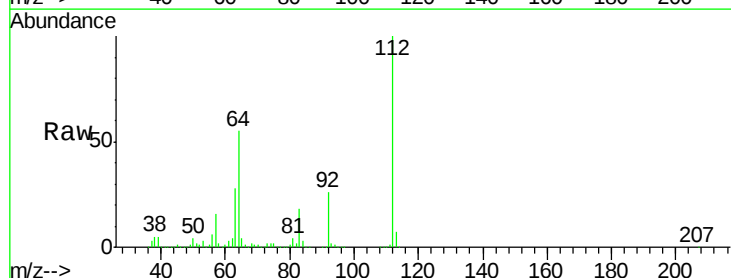
Tot Ion:152 Resp: 156799
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 59.8 50.1 75.1



#5

2-Fluorophenol
 Concen: 124.928 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.02 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Tgt Ion:112 Resp: 1287879
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 126.312 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

WEST-GARAGE-4-SA-LATERAL-NW

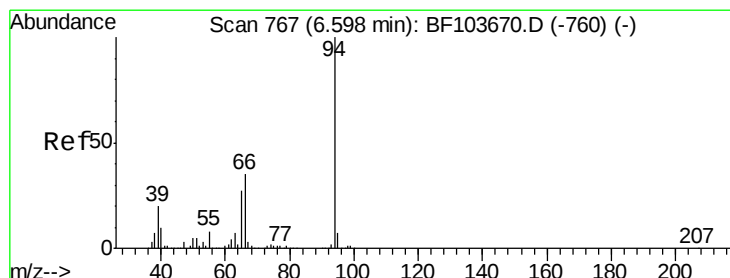
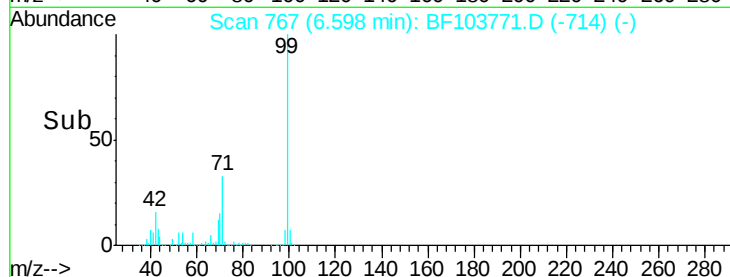
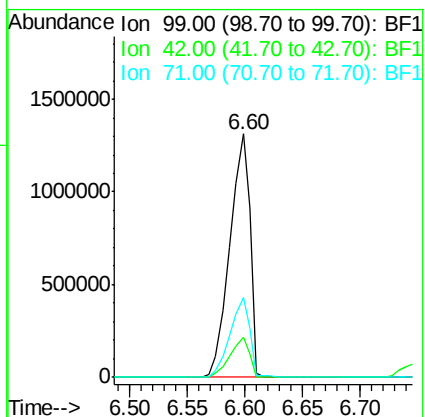
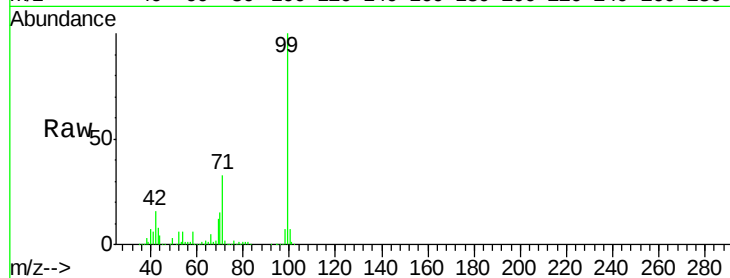
Tot Ion: 99 Resp: 1593088

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 3.132 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

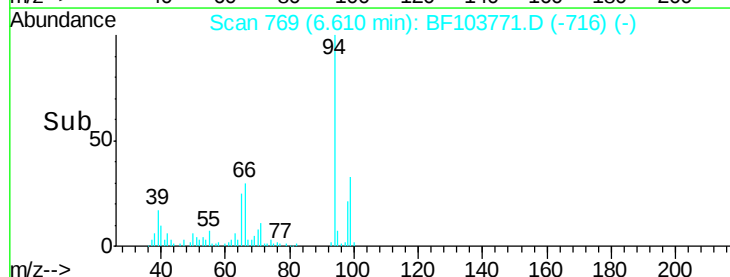
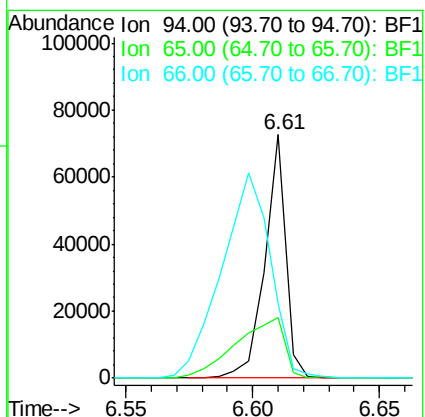
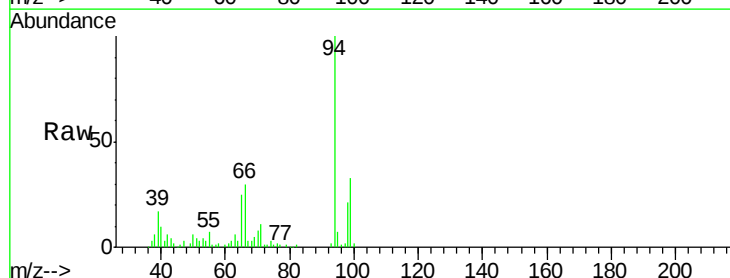
Tgt Ion: 94 Resp: 41972

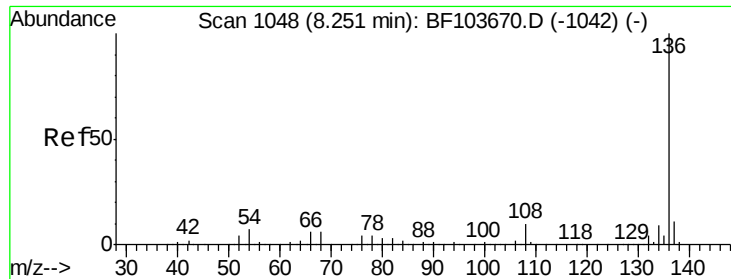
Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

66 30.5 16.2 56.2

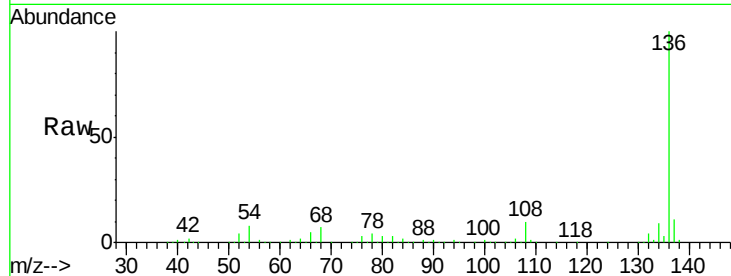




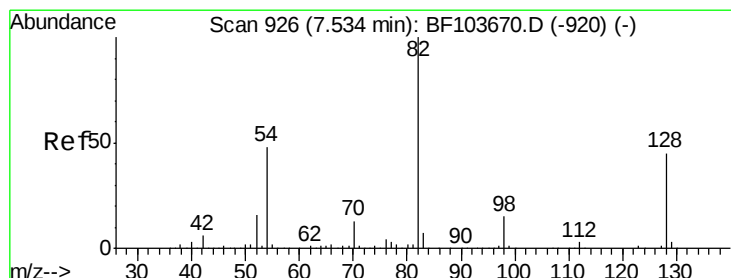
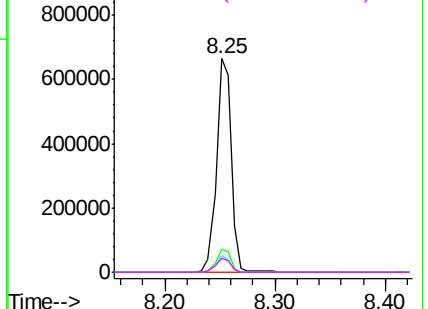
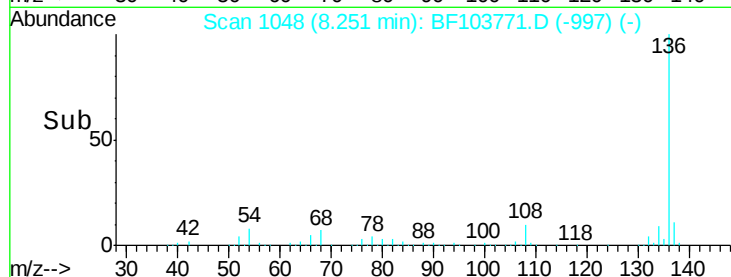
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-NW

Tot Ion:136	Resp:	615589
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.7	6.6 9.8
68	6.6	5.0 7.4

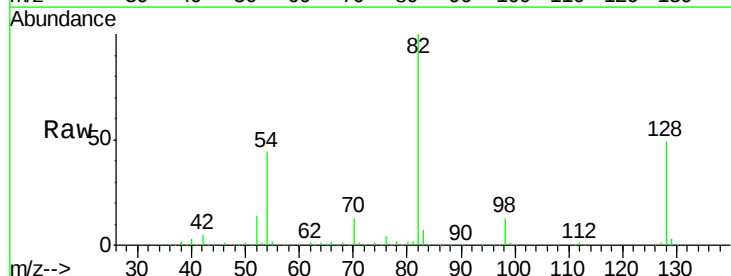


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

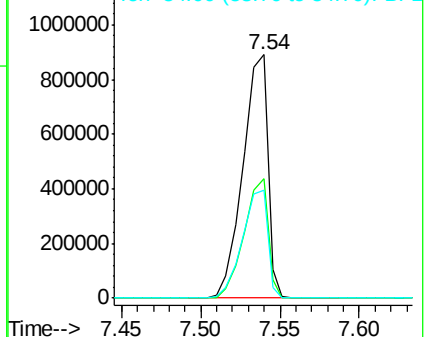
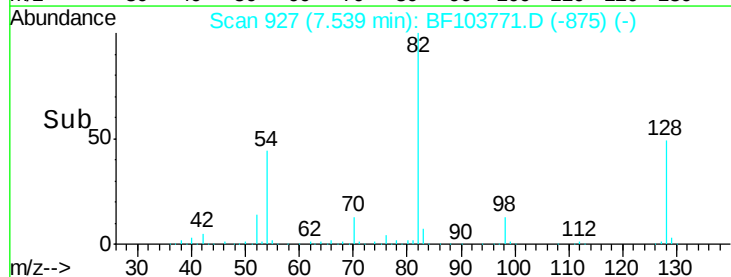


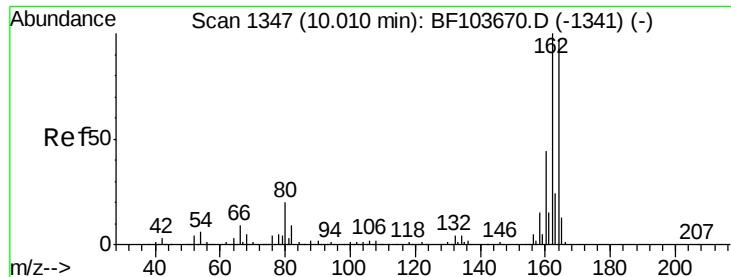
#23
Nitrobenzene-d5
Concen: 110.139 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion: 82	Resp:	972245
Ion	Ratio	Lower Upper
82	100	
128	49.2	36.1 54.1
54	44.2	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

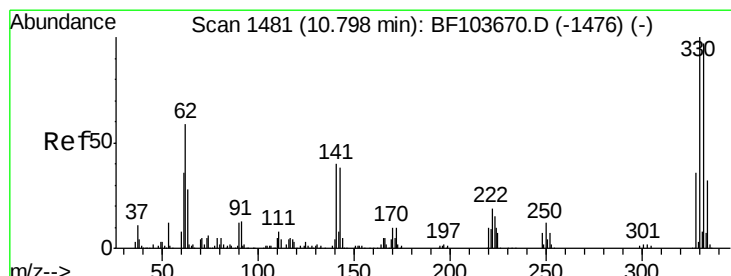
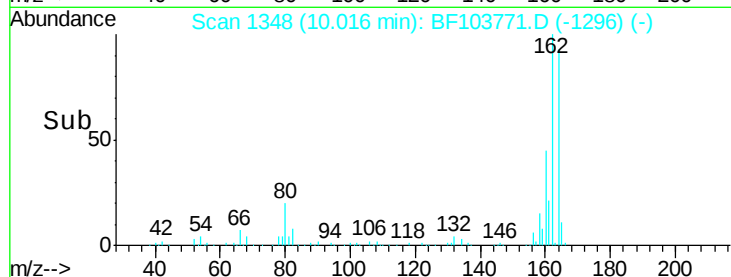
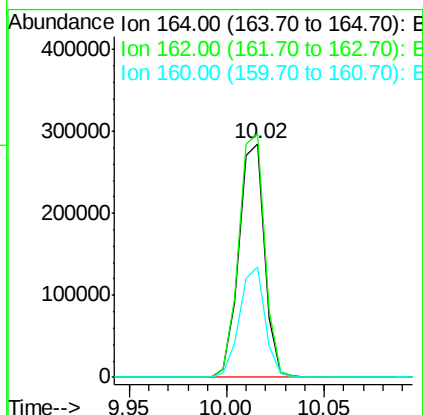
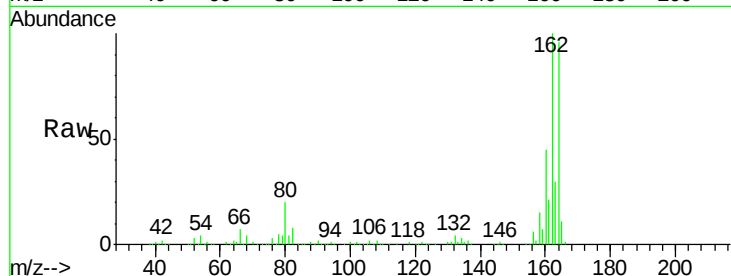




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

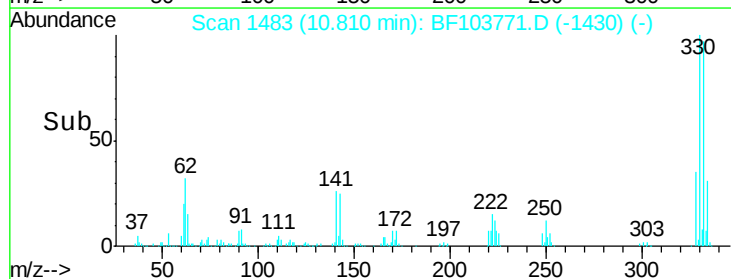
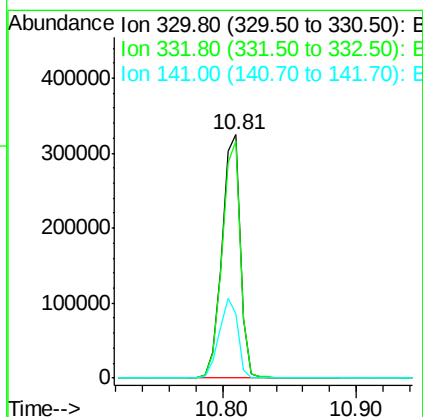
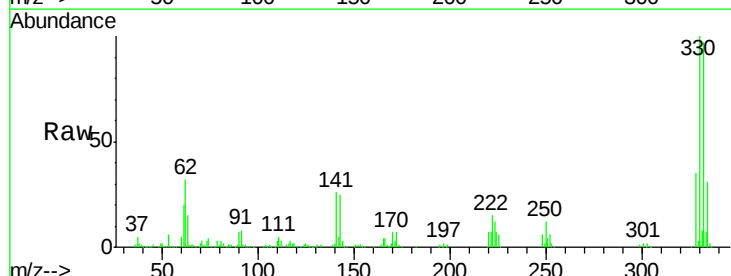
Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-NW

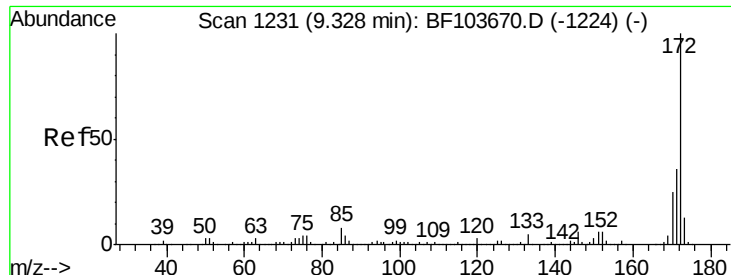
Tot Ion:164 Resp: 260063
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 142.200 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:330 Resp: 317965
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.1 29.9 44.9

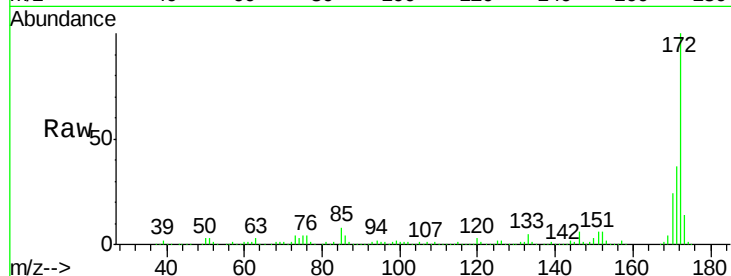




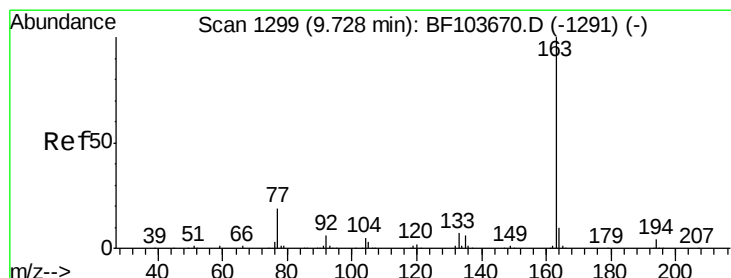
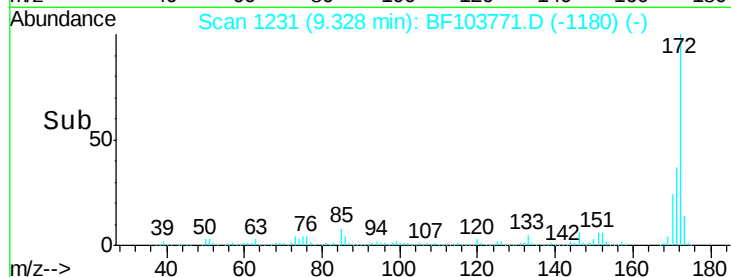
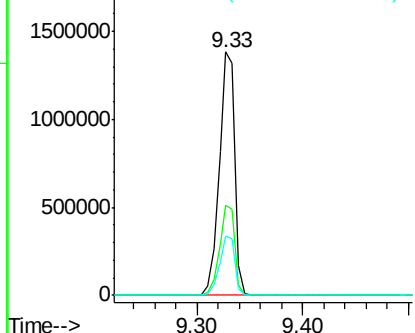
#44
2-Fluorobiphenyl
Concen: 87.237 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-NW

Tot Ion:172 Resp: 1422256
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.4 19.6 29.4

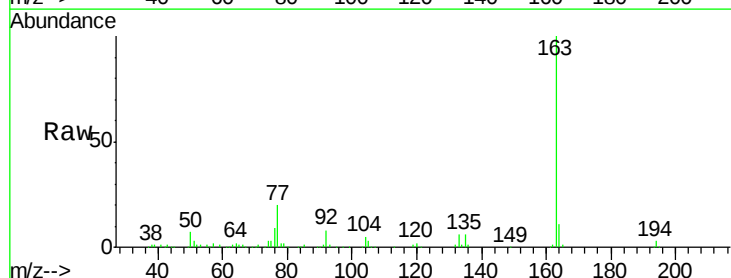


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

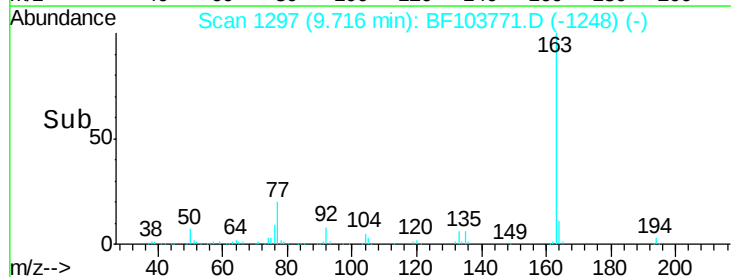
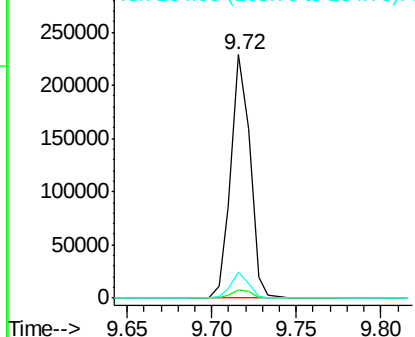


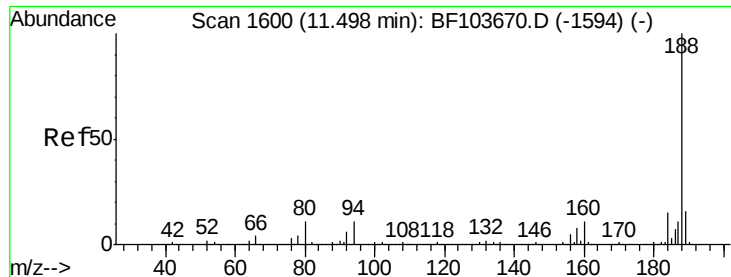
#49
Dimethylphthalate
Concen: 9.113 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:163 Resp: 180809
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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

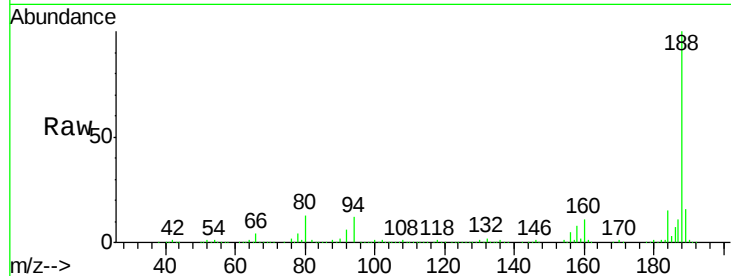




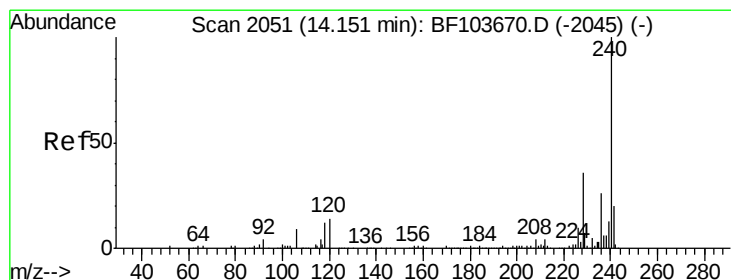
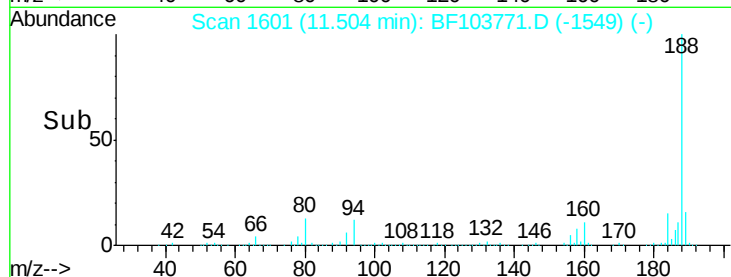
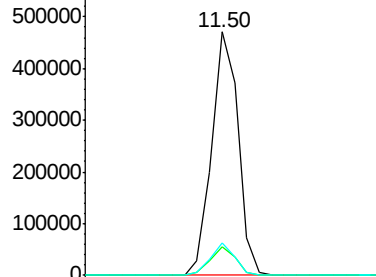
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Instrument :
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WEST-GARAGE-4-SA-LATERAL-NW

Tot Ion:188 Resp: 406343
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.2 9.2 13.8

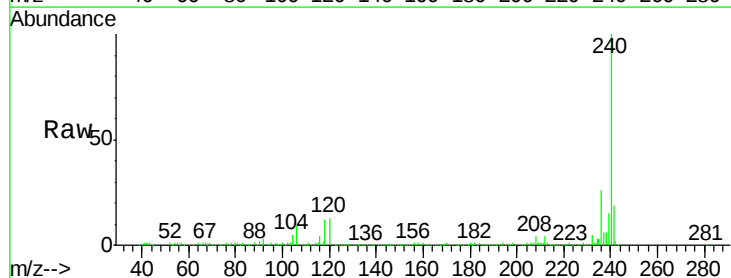


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

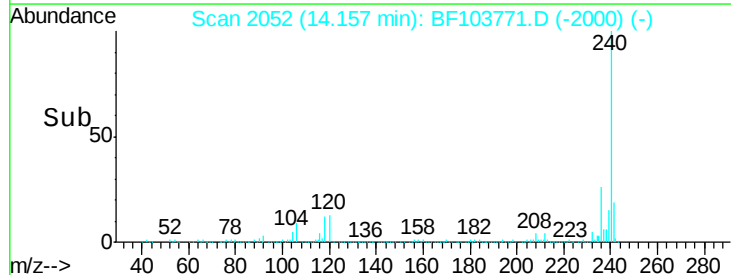
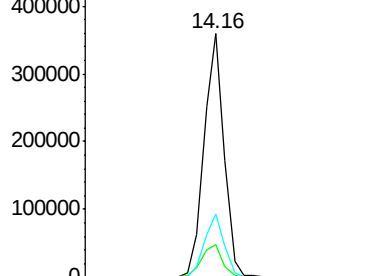


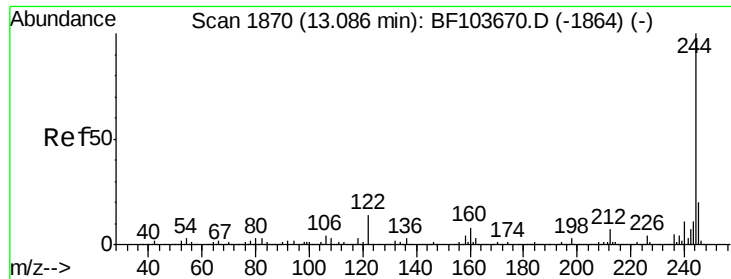
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:240 Resp: 312513
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.1 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: 84.838 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Instrument :

BNA_F

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WEST-GARAGE-4-SA-LATERAL-NW

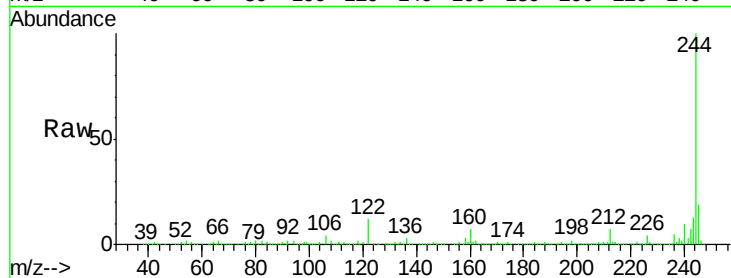
Tot Ion:244 Resp: 1142231

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

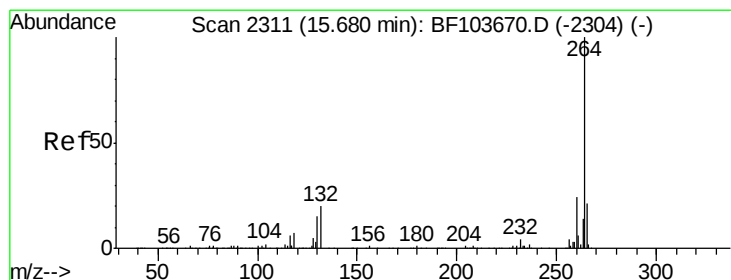
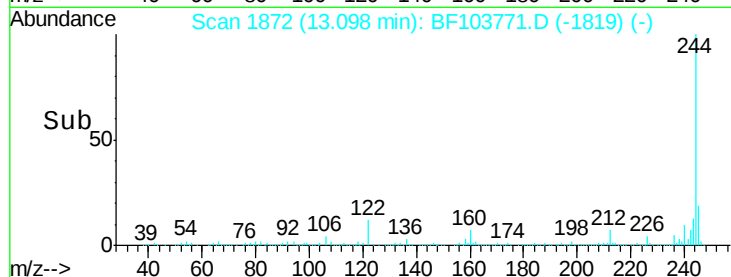
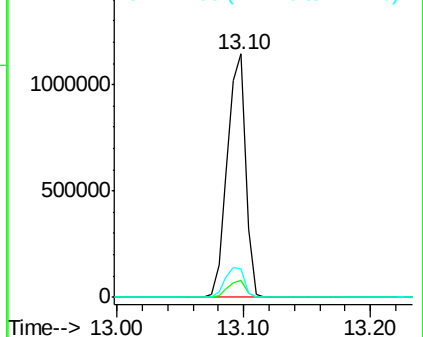
122 12.0 11.0 16.4



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: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

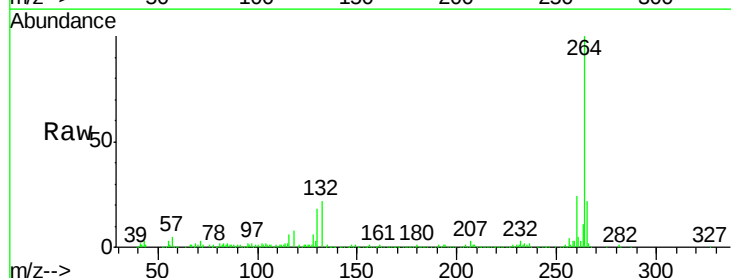
Tgt Ion:264 Resp: 253306

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.0 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

