

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101042.D
 Acq On : 1 Dec 2017 2:27
 Operator : SJ/JU
 Sample : I6641-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Dec 01 03:47:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

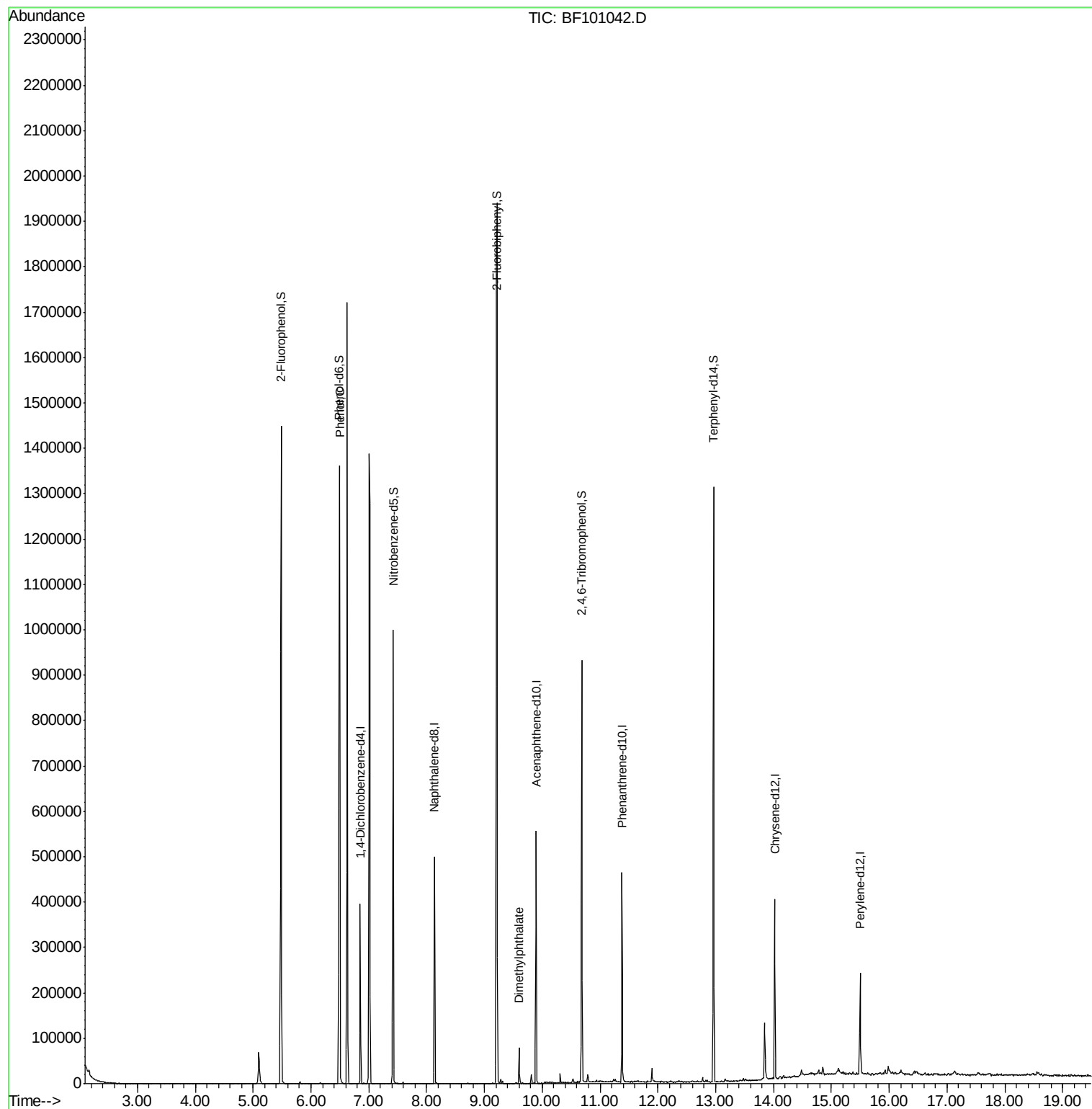
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62526	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	236319	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99056	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	155336	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129836	20.00	ng	0.00
86) Perylene-d12	15.50	264	99650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	472196	124.79	ng	0.02
7) Phenol-d6	6.49	99	577078	125.62	ng	0.00
23) Nitrobenzene-d5	7.42	82	345460	87.20	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122320	102.79	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661532	91.37	ng	0.00
78) Terphenyl-d14	12.97	244	480115	80.88	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25200	4.933	ng	96
49) Dimethylphthalate	9.60	163	31451	3.937	ng	# 98

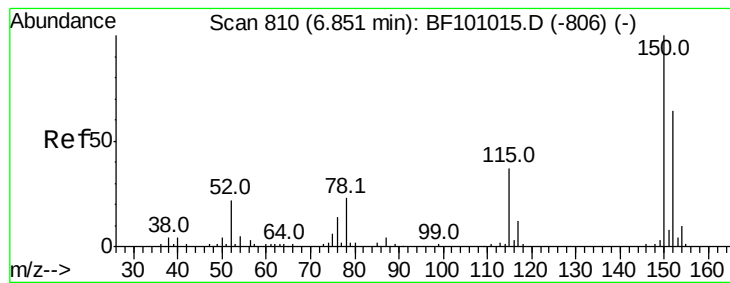
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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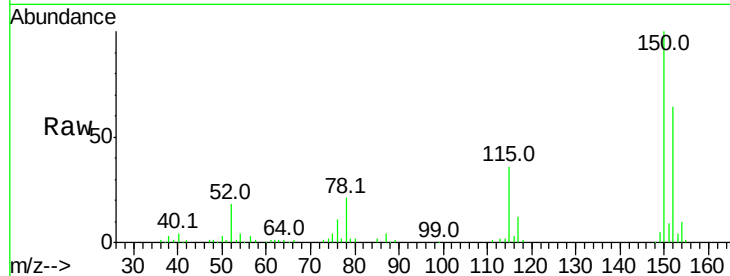


#1

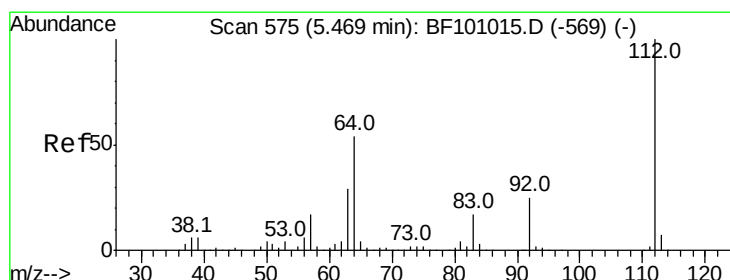
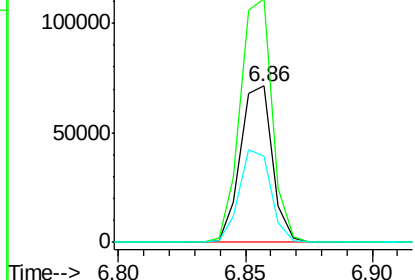
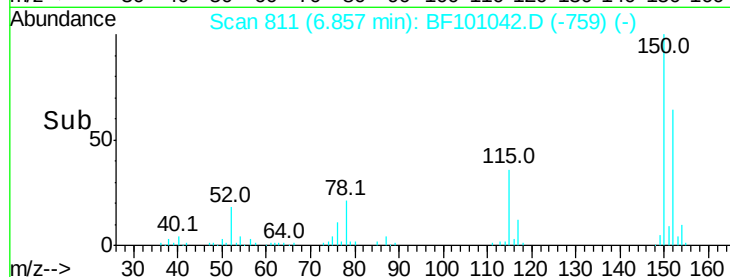
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:152 Resp: 62526
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.6 50.1 75.1



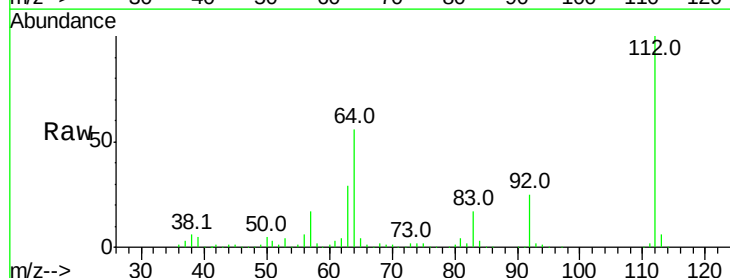
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



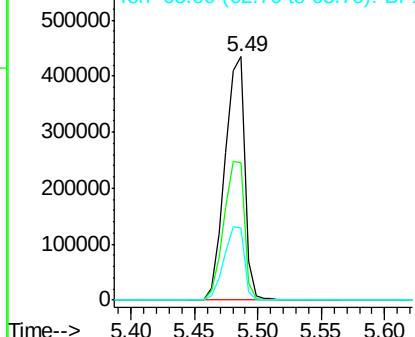
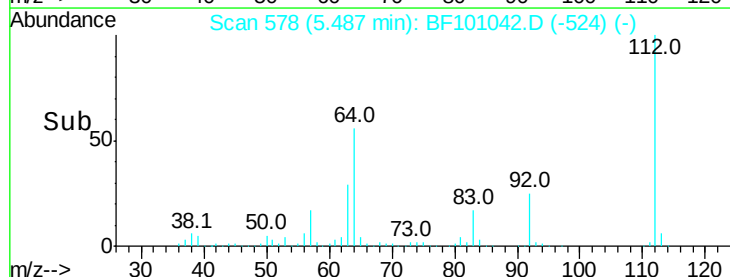
#5

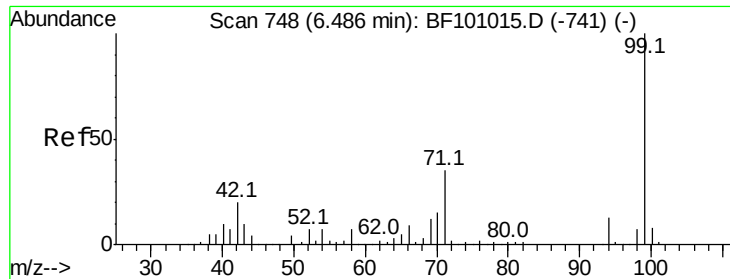
2-Fluorophenol
Concen: 124.792 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion:112 Resp: 472196
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.5 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: 125.617 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

TP-3

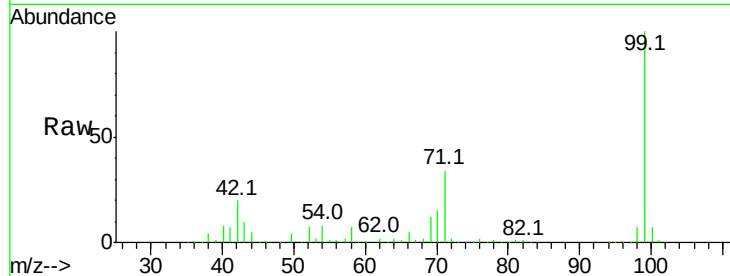
Tot Ion: 99 Resp: 577078

Ion Ratio Lower Upper

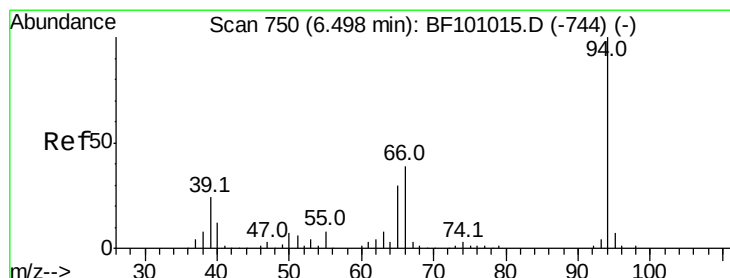
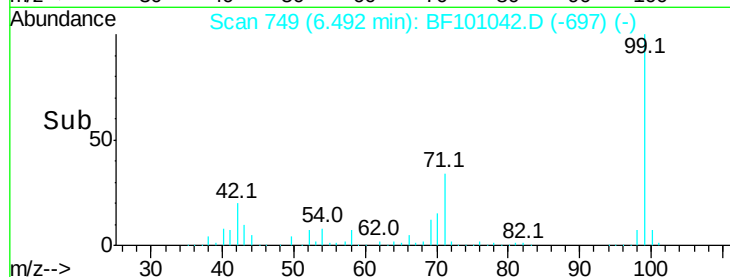
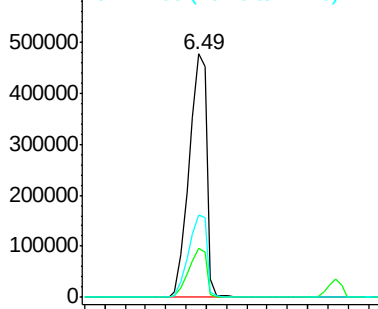
99 100

42 20.3 14.5 21.7

71 34.0 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: 4.933 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

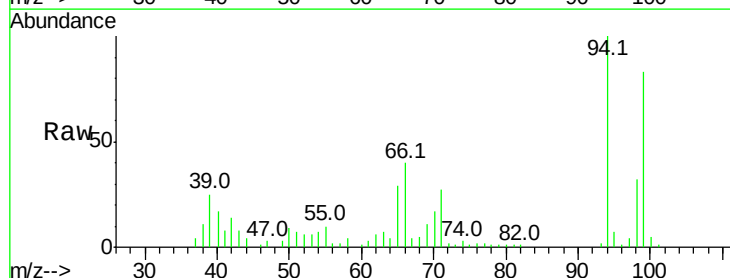
Tgt Ion: 94 Resp: 25200

Ion Ratio Lower Upper

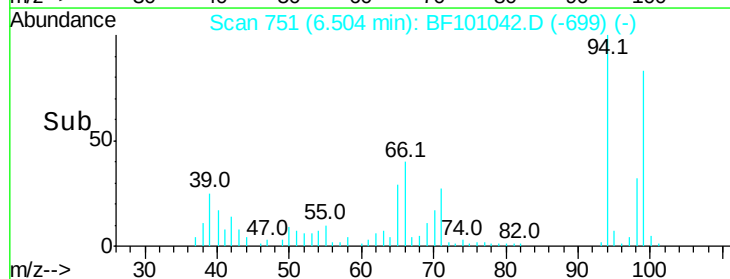
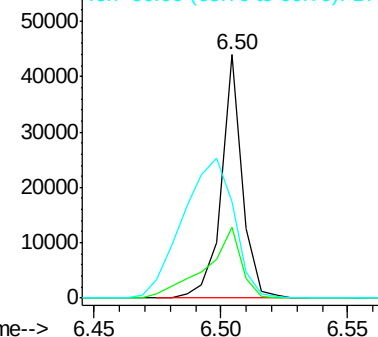
94 100

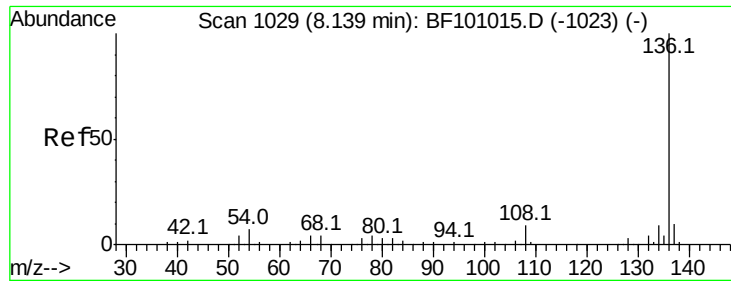
65 29.1 7.9 47.9

66 39.7 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

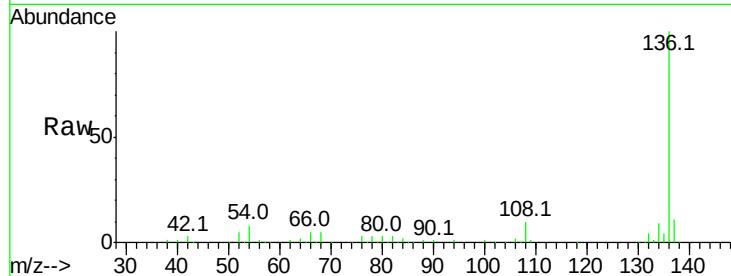




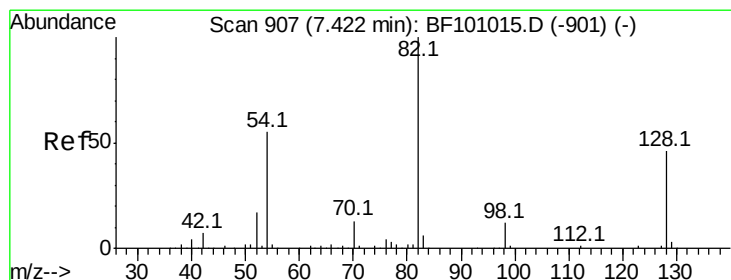
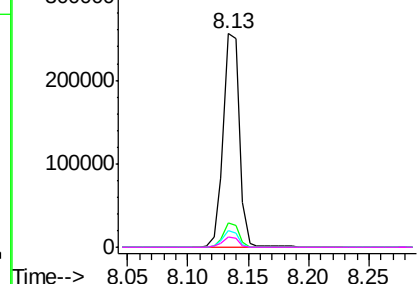
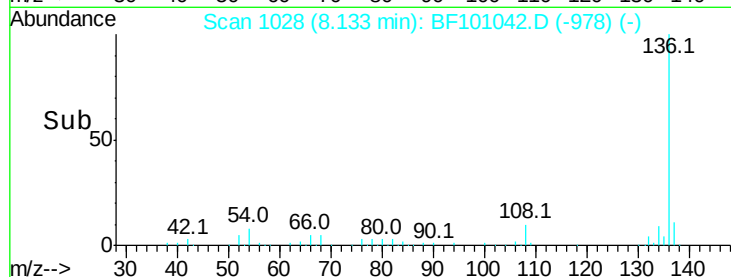
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:	136	Resp:	236319
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.0	6.6	9.8
68	5.0	5.0	7.4#

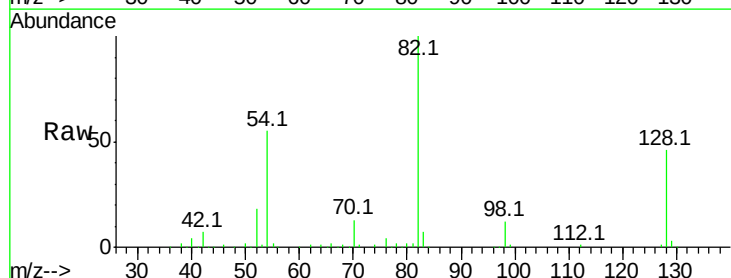


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

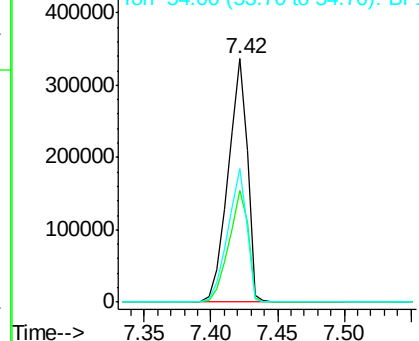
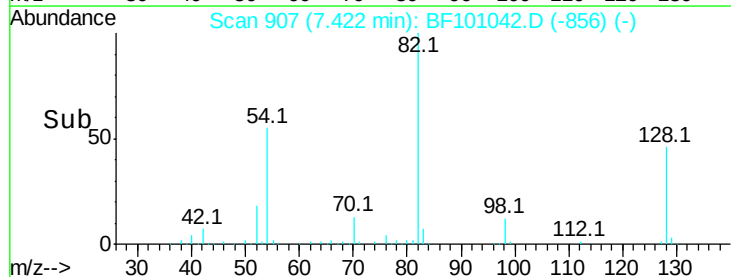


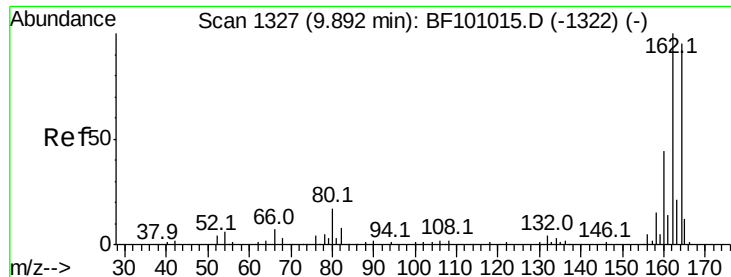
#23
Nitrobenzene-d5
Concen: 87.203 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion:	82	Resp:	345460
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.7	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

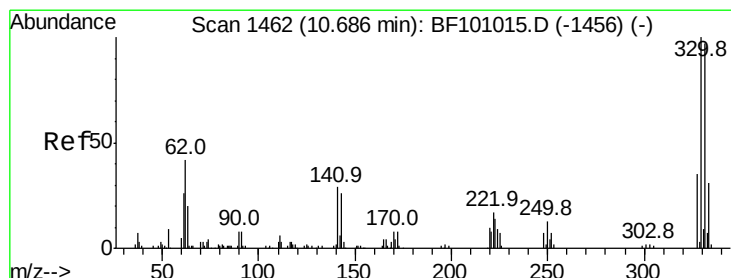
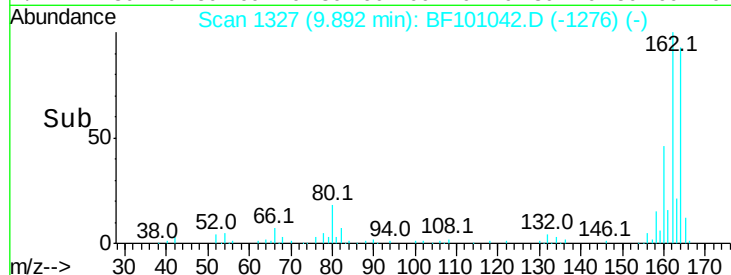
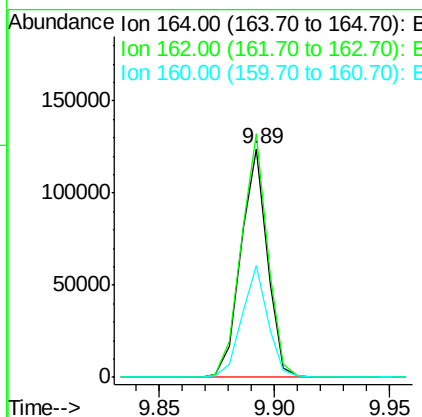
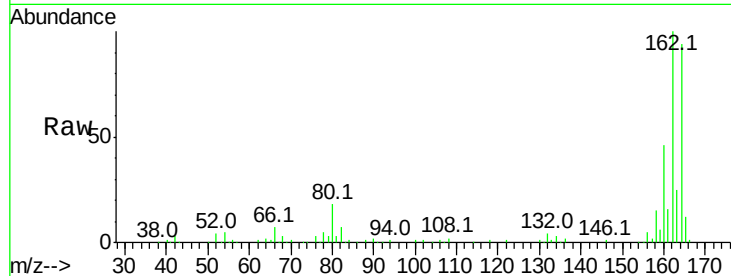




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

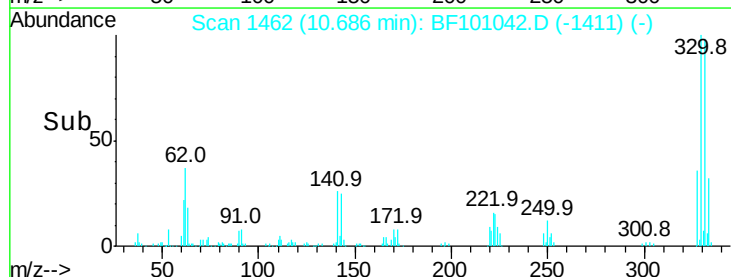
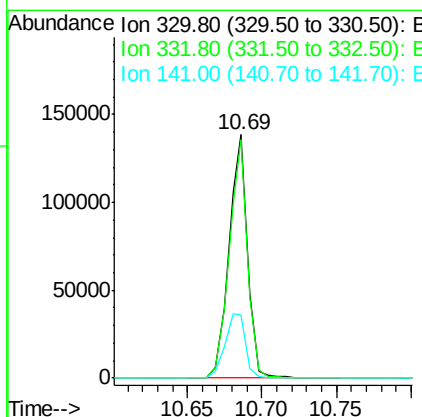
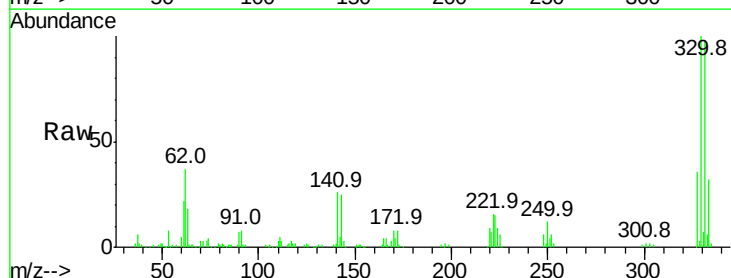
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

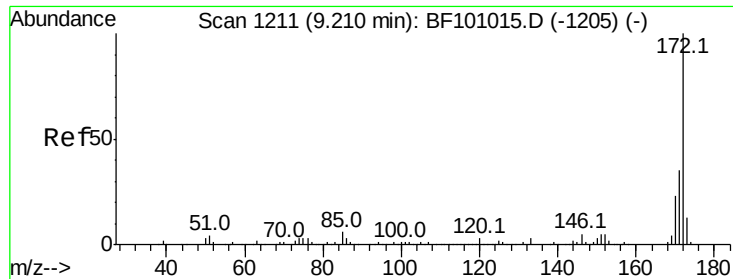
Tot Ion:164 Resp: 99056
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 48.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.795 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF101042.D
 Acq: 1 Dec 2017 2:27

Tgt Ion:330 Resp: 122320
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 29.0 29.9 44.9#

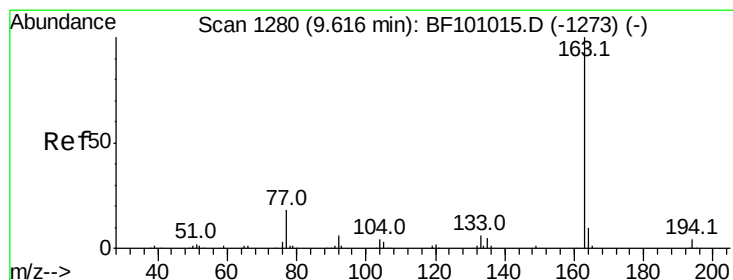
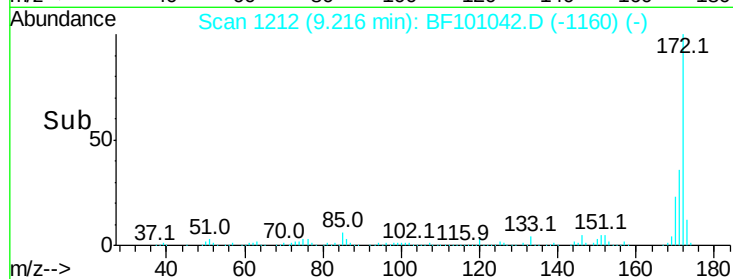
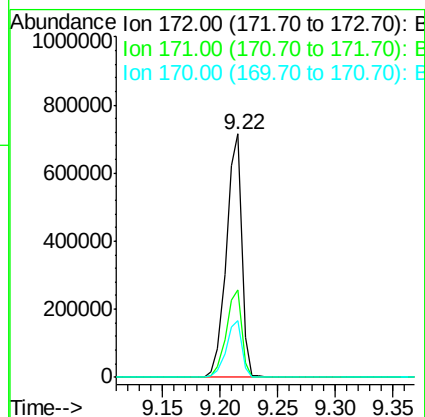
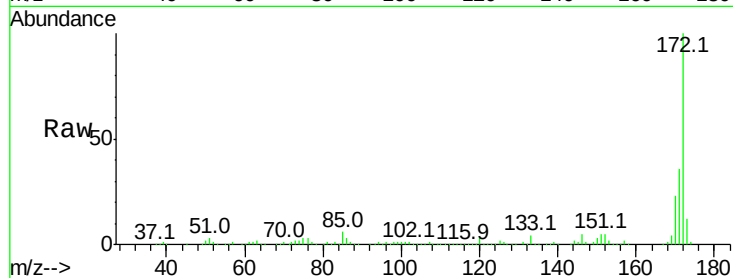




#44
2-Fluorobiphenyl
Concen: 91.373 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

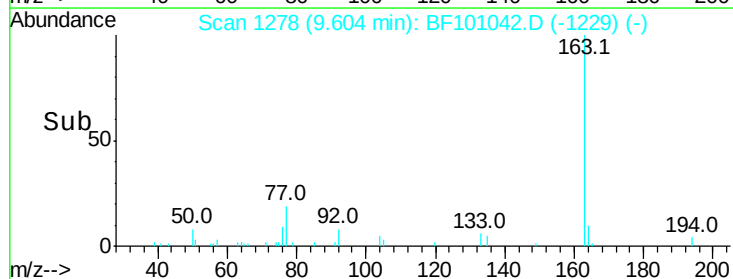
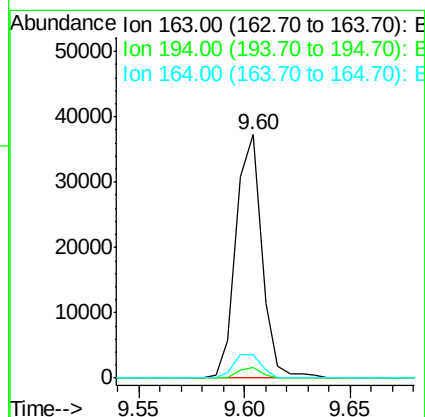
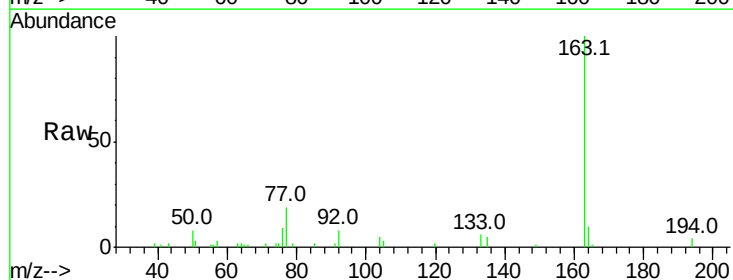
Instrument :
BNA_F
ClientSampleId :
TP-3

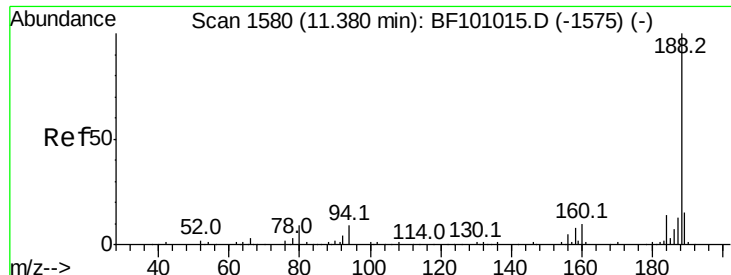
Tot Ion:172 Resp: 661532
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 3.937 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion:163 Resp: 31451
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.5 8.2 12.2

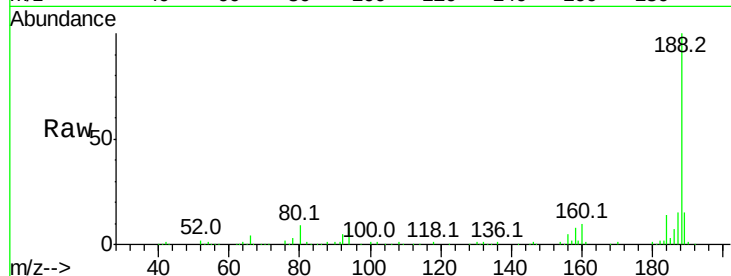




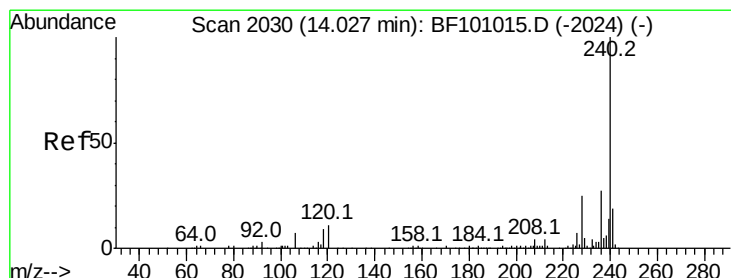
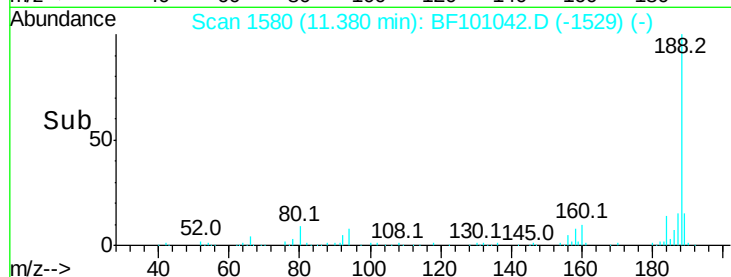
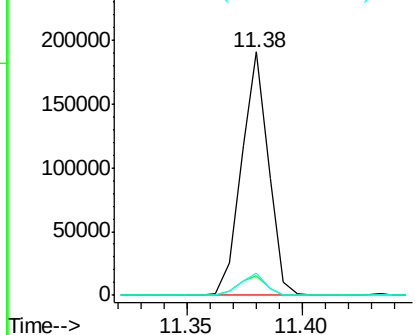
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.2	9.2	13.8#

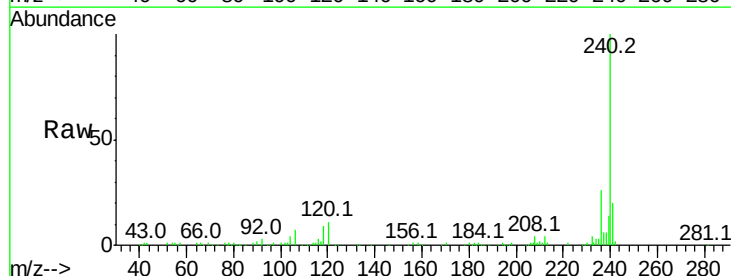


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

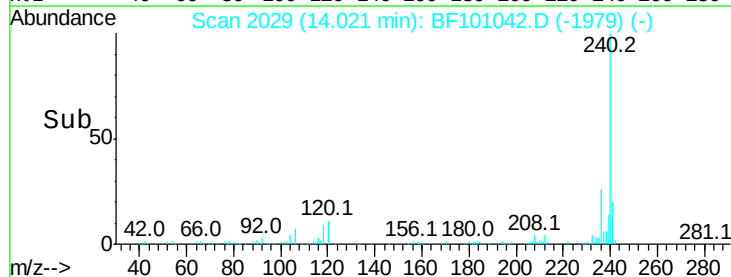
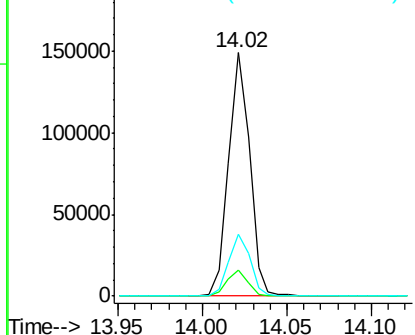


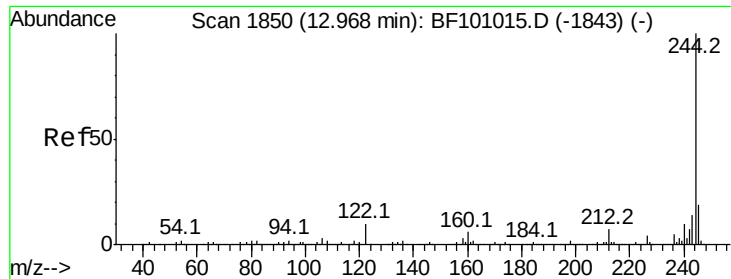
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101042.D
Acq: 1 Dec 2017 2:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.6	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: 80.882 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

Instrument :

BNA_F

ClientSampleId :

TP-3

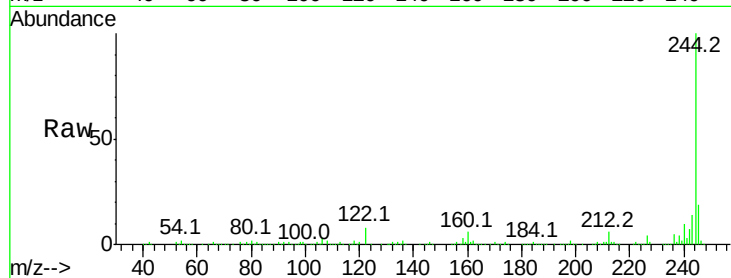
Tot Ion:244 Resp: 480115

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

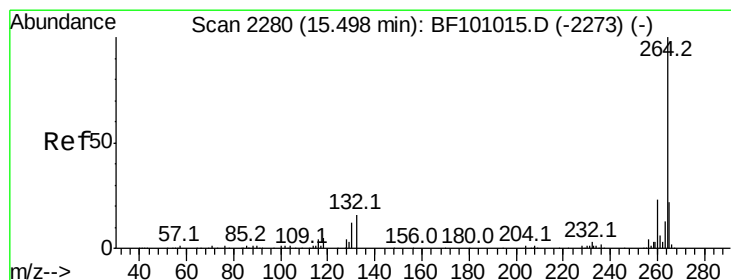
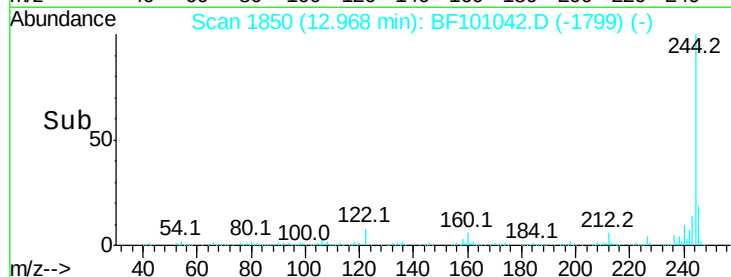
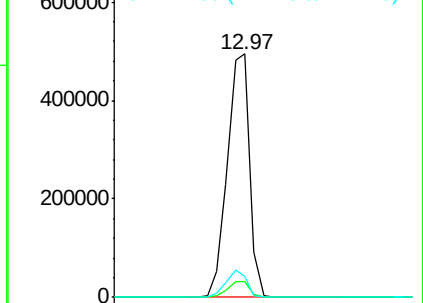
122 8.4 11.0 16.4#



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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF101042.D

Acq: 1 Dec 2017 2:27

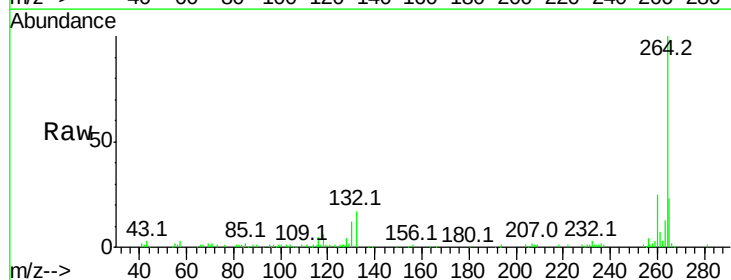
Tgt Ion:264 Resp: 99650

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.6 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

