

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102795.D
 Acq On : 6 Feb 2018 20:17
 Operator : SJ/JU
 Sample : J1459-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Feb 07 00:59:14 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

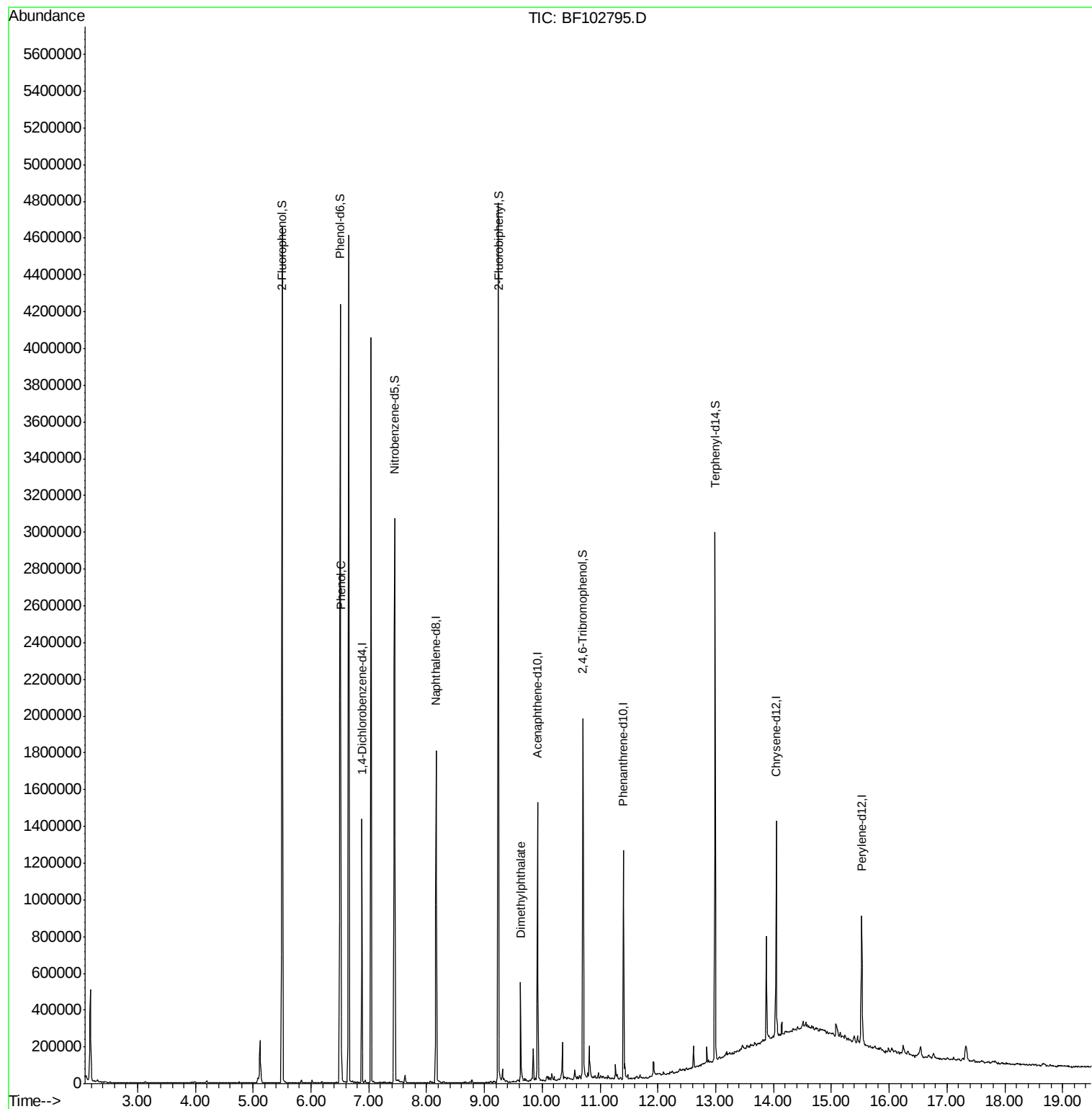
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193583	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	769338	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299425	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	420078	20.00	ng	0.00
75) Chrysene-d12	14.04	240	353672	20.00	ng	0.00
86) Perylene-d12	15.53	264	334107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1346722	105.65	ng	0.01
7) Phenol-d6	6.51	99	1600850	104.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	966783	87.17	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	237953	98.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1490625	82.61	ng	0.00
78) Terphenyl-d14	12.99	244	971985	65.07	ng	0.00
Target Compounds						
10) Phenol	6.52	94	45726	2.780	ng	98
49) Dimethylphthalate	9.63	163	190004	8.138	ng	99

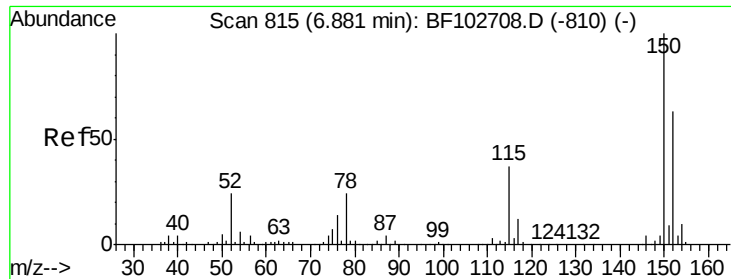
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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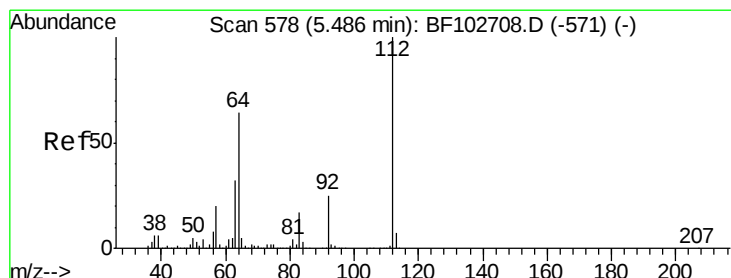
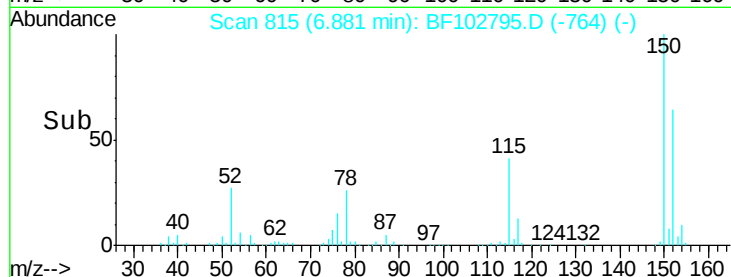
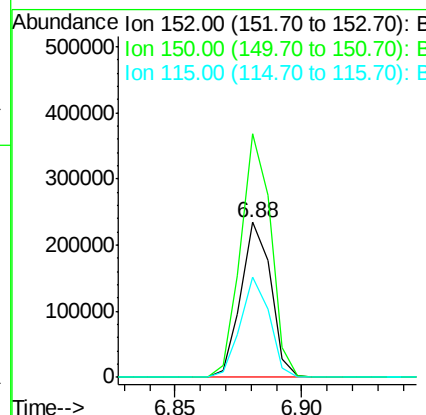
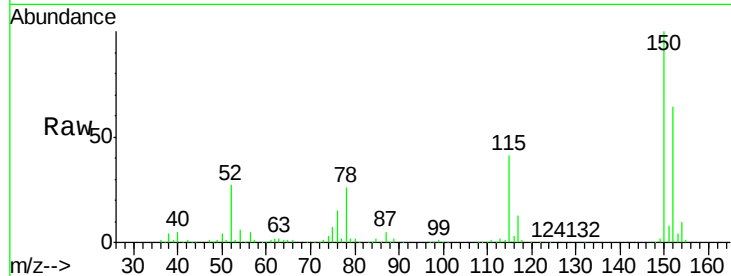


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Instrument :
BNA_F
ClientSampleId :
TP-B

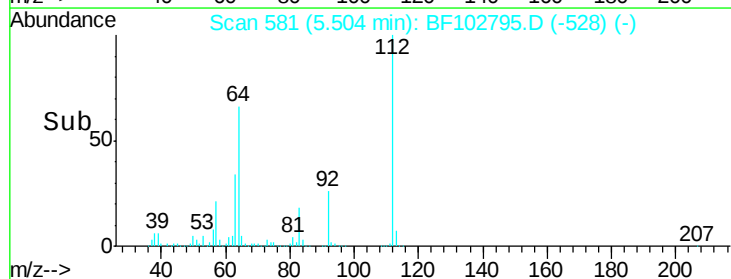
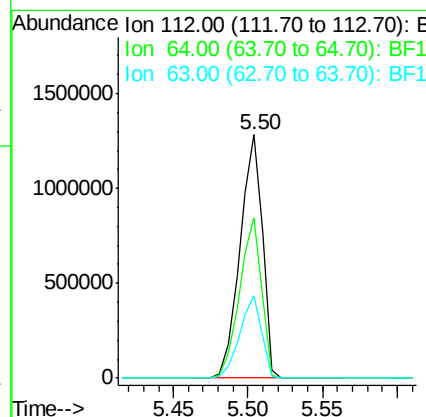
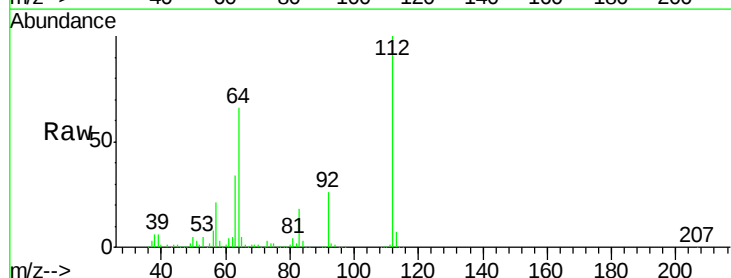
Tot Ion:152 Resp: 193583
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 64.9 50.1 75.1

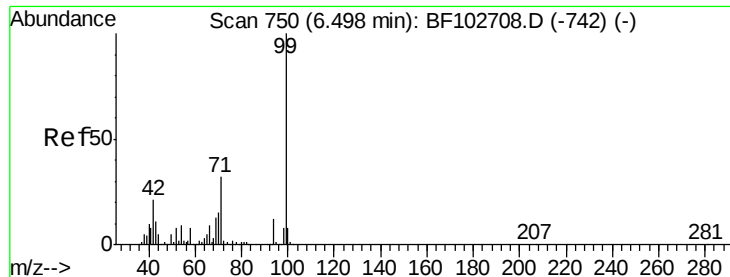


#5

2-Fluorophenol
Concen: 105.651 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Tgt Ion:112 Resp: 1346722
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 33.9 23.7 35.5





#7

Phenol-d6

Concen: 104.303 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102795.D

Acq: 6 Feb 2018 20:17

Instrument :

BNA_F

ClientSampleId :

TP-B

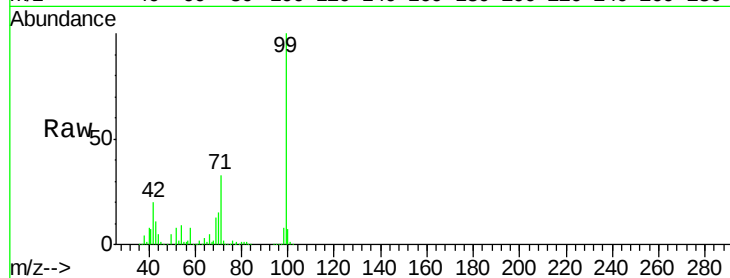
Tot Ion: 99 Resp: 1600850

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.3	25.4	38.0

99 100

42 20.4 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
 2000000 Ion 42.00 (41.70 to 42.70): BF1
 Ion 71.00 (70.70 to 71.70): BF1

1500000

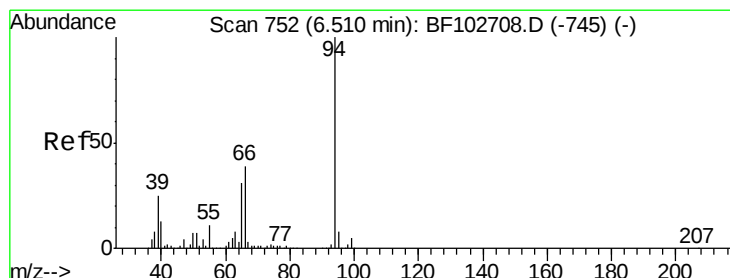
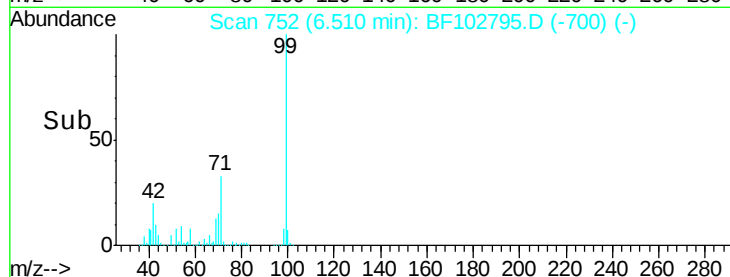
1000000

500000

0

6.45 6.50 6.55 6.60

Time-->



#10

Phenol

Concen: 2.780 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102795.D

Acq: 6 Feb 2018 20:17

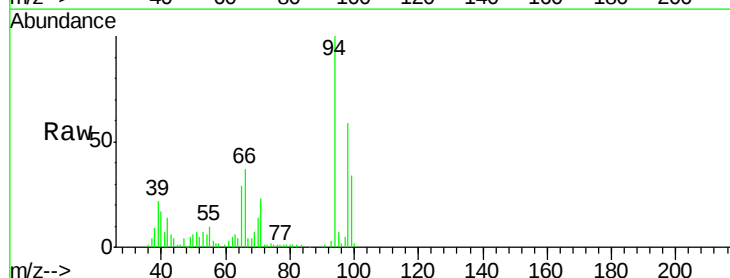
Tgt Ion: 94 Resp: 45726

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	37.2	16.2	56.2

94 100

65 28.8 7.9 47.9

66 37.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
 100000 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1

80000

60000

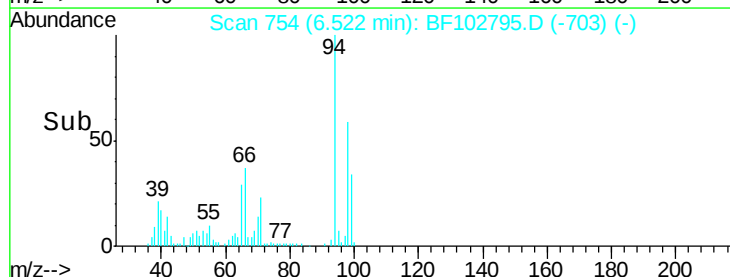
40000

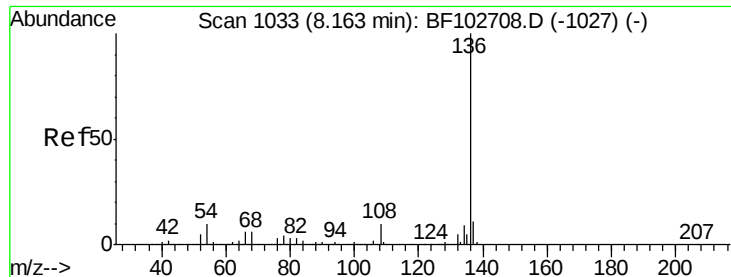
20000

0

6.50 6.52 6.54 6.56

Time-->

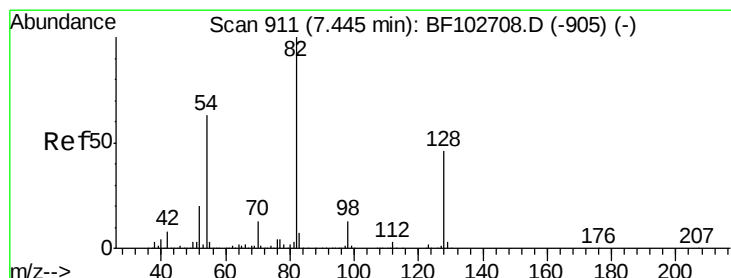
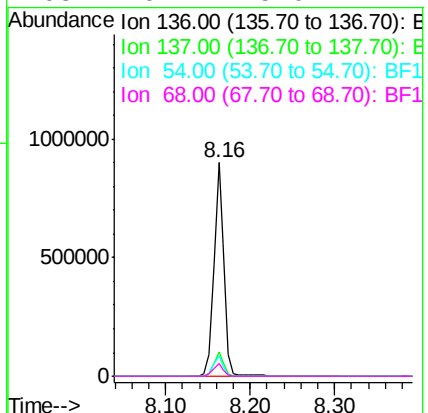
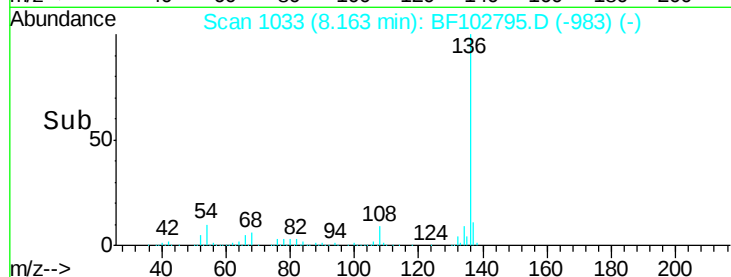
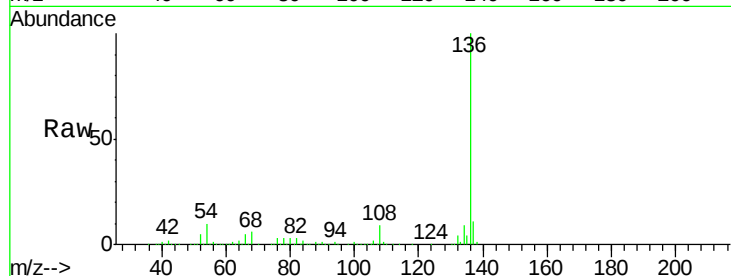




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

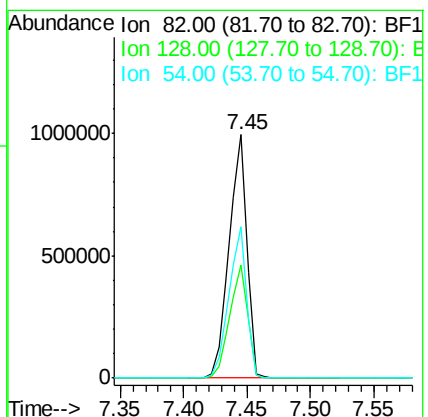
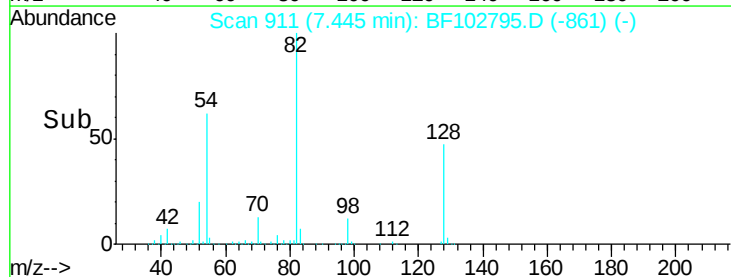
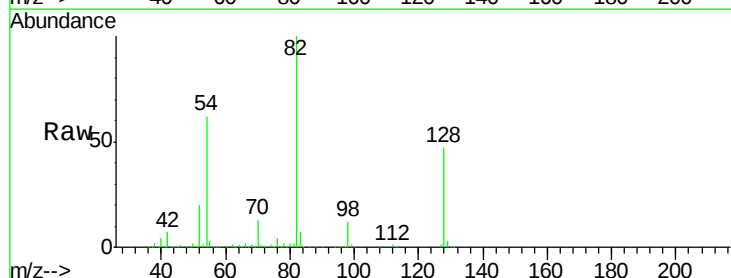
Instrument :
BNA_F
ClientSampleId :
TP-B

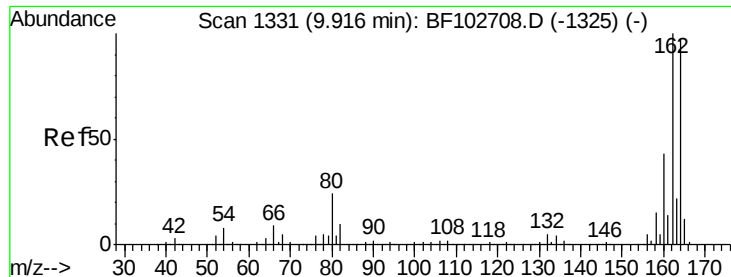
Tot Ion:136	Resp:	769338
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.9	6.6 9.8#
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 87.174 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Tgt Ion: 82	Resp:	966783
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	62.1	41.4 62.2

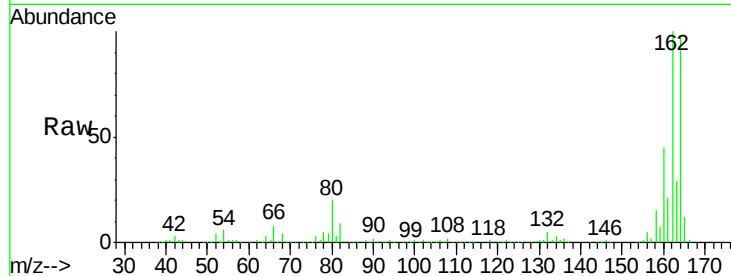




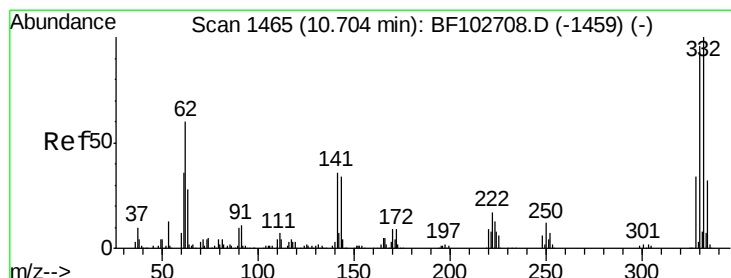
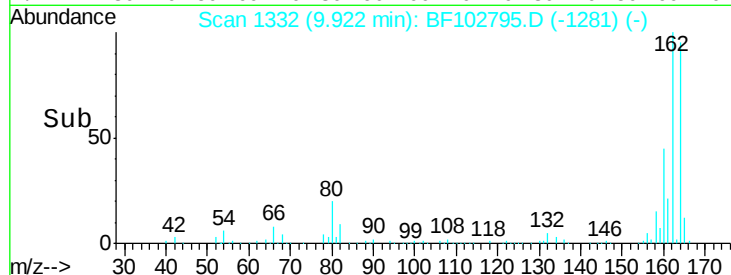
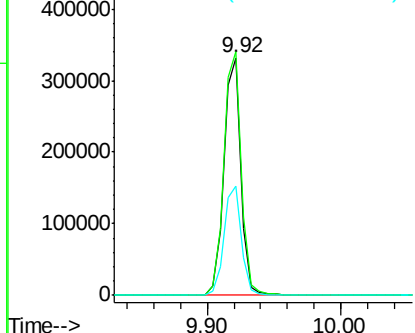
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102795.D
 Acq: 6 Feb 2018 20:17

Instrument :
 BNA_F
 ClientSampled :
 TP-B

Tot Ion:164 Resp: 299425
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.9 38.3 57.5

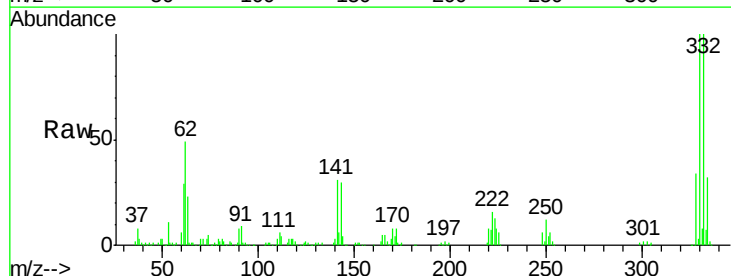


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

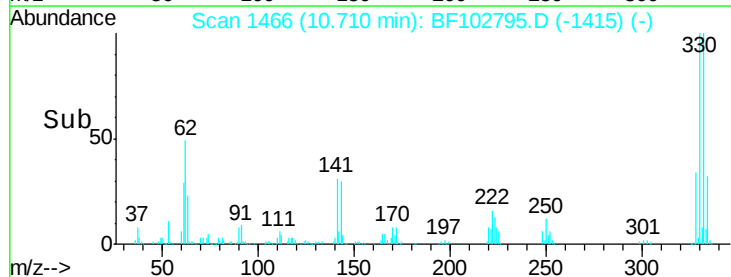
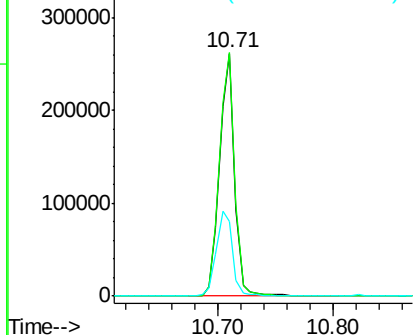


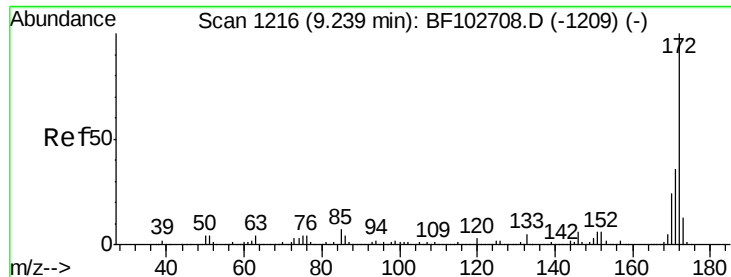
#41
 2,4,6-Tribromophenol
 Concen: 98.735 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102795.D
 Acq: 6 Feb 2018 20:17

Tgt Ion:330 Resp: 237953
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 37.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

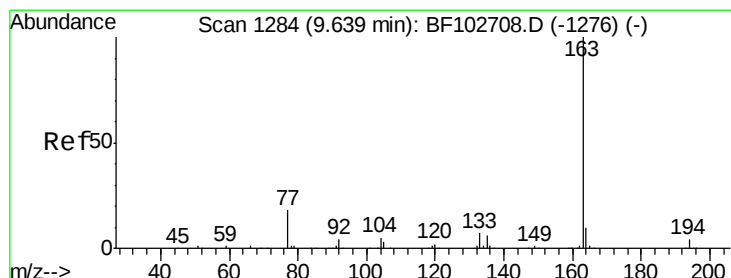
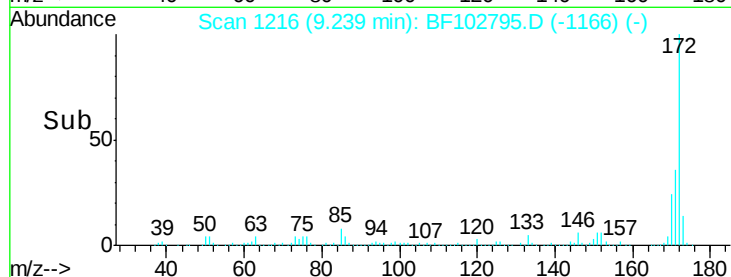
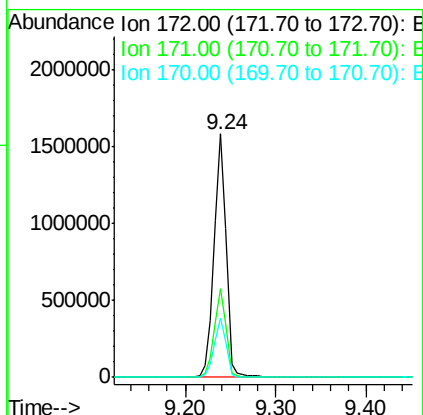
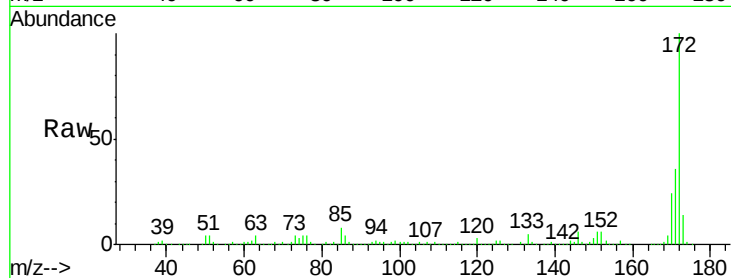




#44
2-Fluorobiphenyl
Concen: 82.608 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

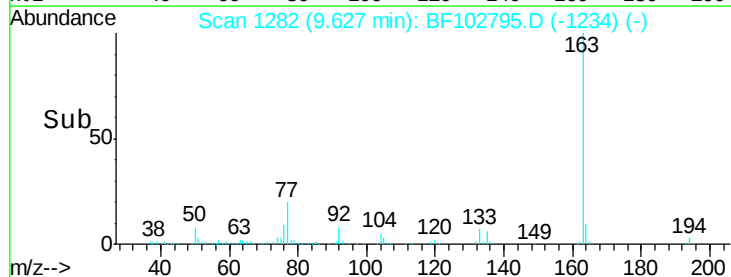
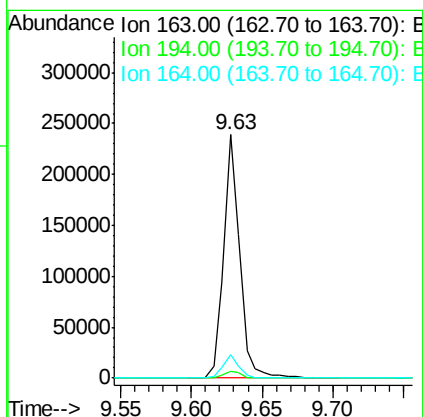
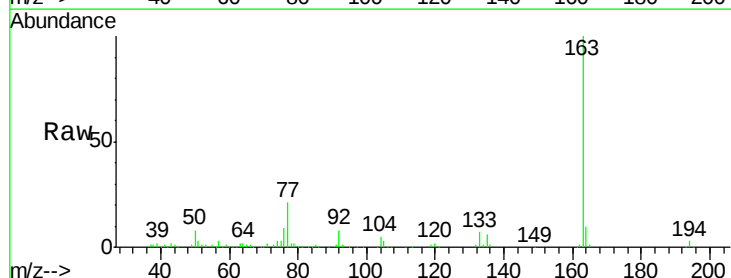
Instrument :
BNA_F
ClientSampleId :
TP-B

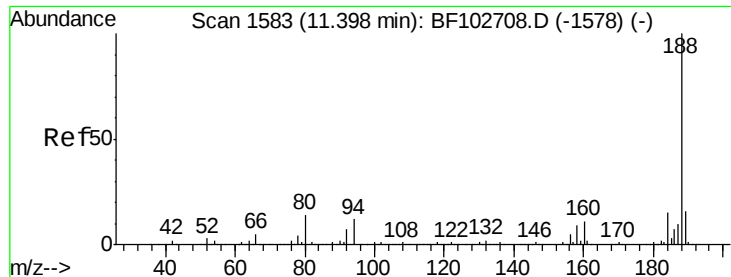
Tot Ion:172 Resp: 1490625
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 8.138 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Tgt Ion:163 Resp: 190004
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.6 8.2 12.2

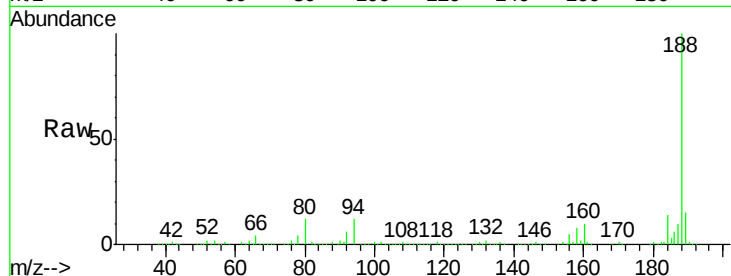




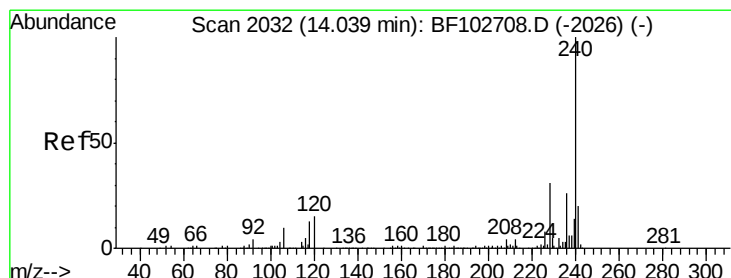
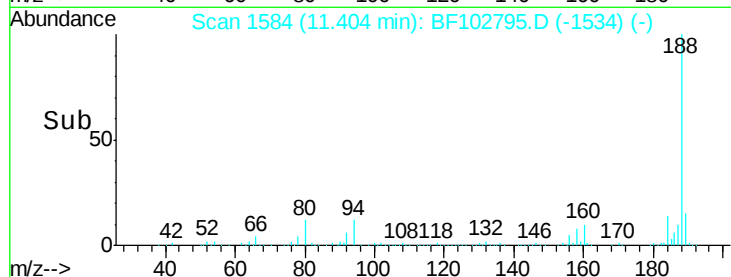
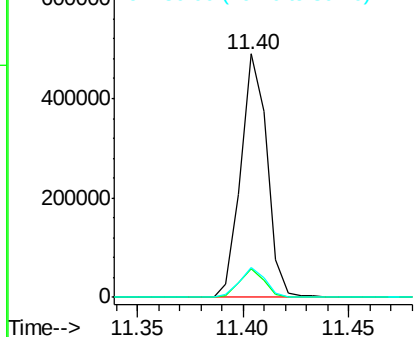
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Instrument :
BNA_F
ClientSampleId :
TP-B

Tot Ion:188 Resp: 420078
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.4 9.2 13.8

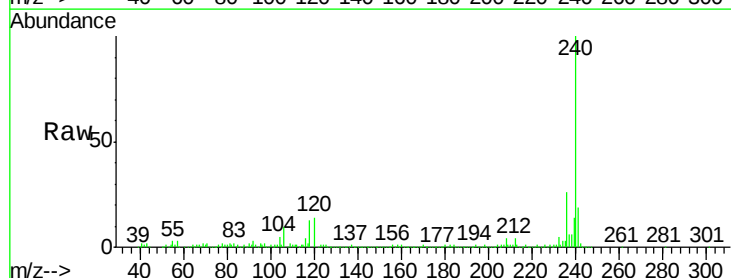


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

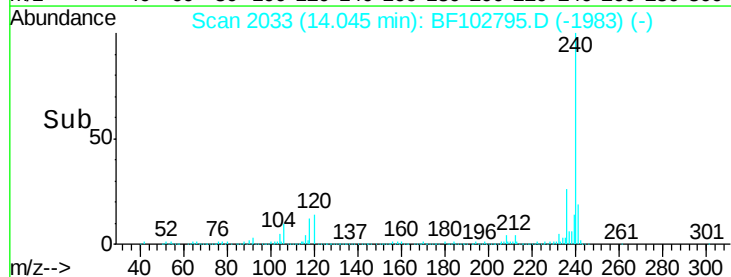
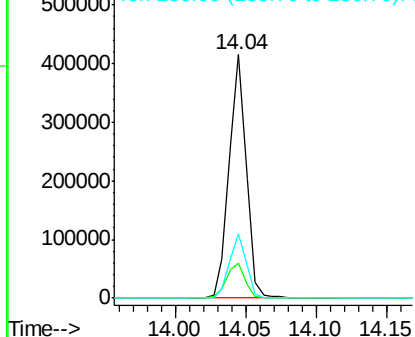


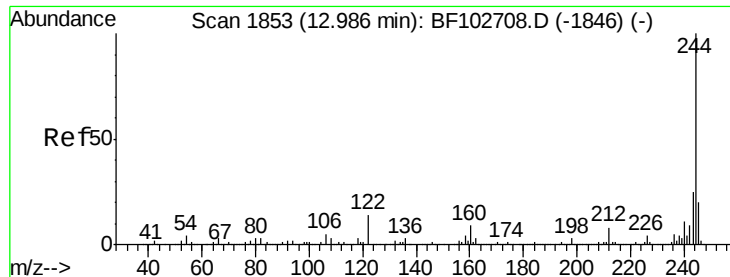
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102795.D
Acq: 6 Feb 2018 20:17

Tgt Ion:240 Resp: 353672
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 26.4 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: 65.073 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102795.D

Acq: 6 Feb 2018 20:17

Instrument :

BNA_F

ClientSampleId :

TP-B

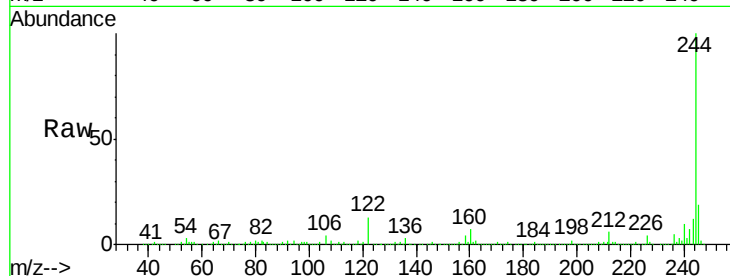
Tot Ion:244 Resp: 971985

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

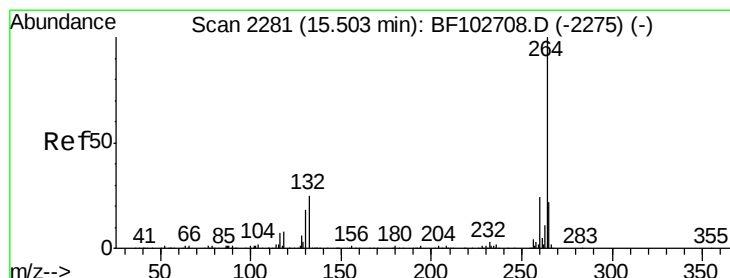
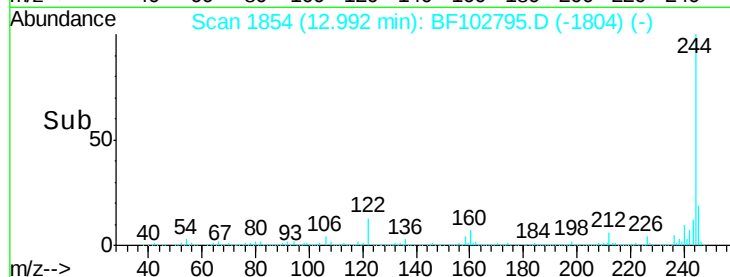
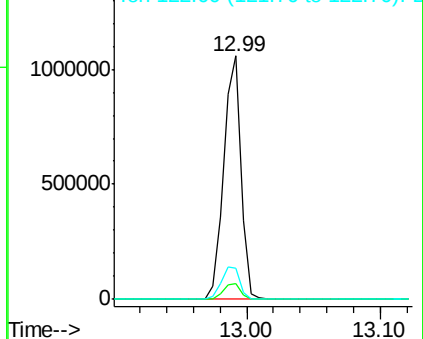
122 12.7 11.0 16.4



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# 2285

Delta R.T. -0.00 min

Lab File: BF102795.D

Acq: 6 Feb 2018 20:17

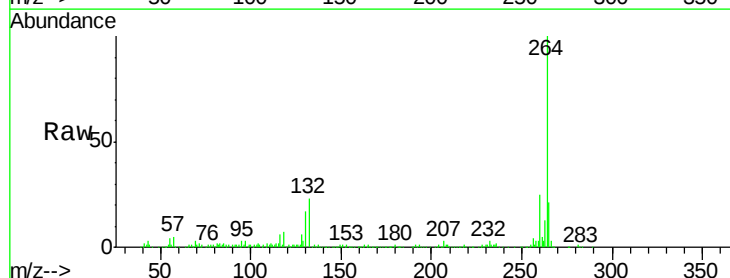
Tgt Ion:264 Resp: 334107

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 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

