

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102791.D
 Acq On : 6 Feb 2018 18:29
 Operator : SJ/JU
 Sample : J1460-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1

Quant Time: Feb 07 00:40:11 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

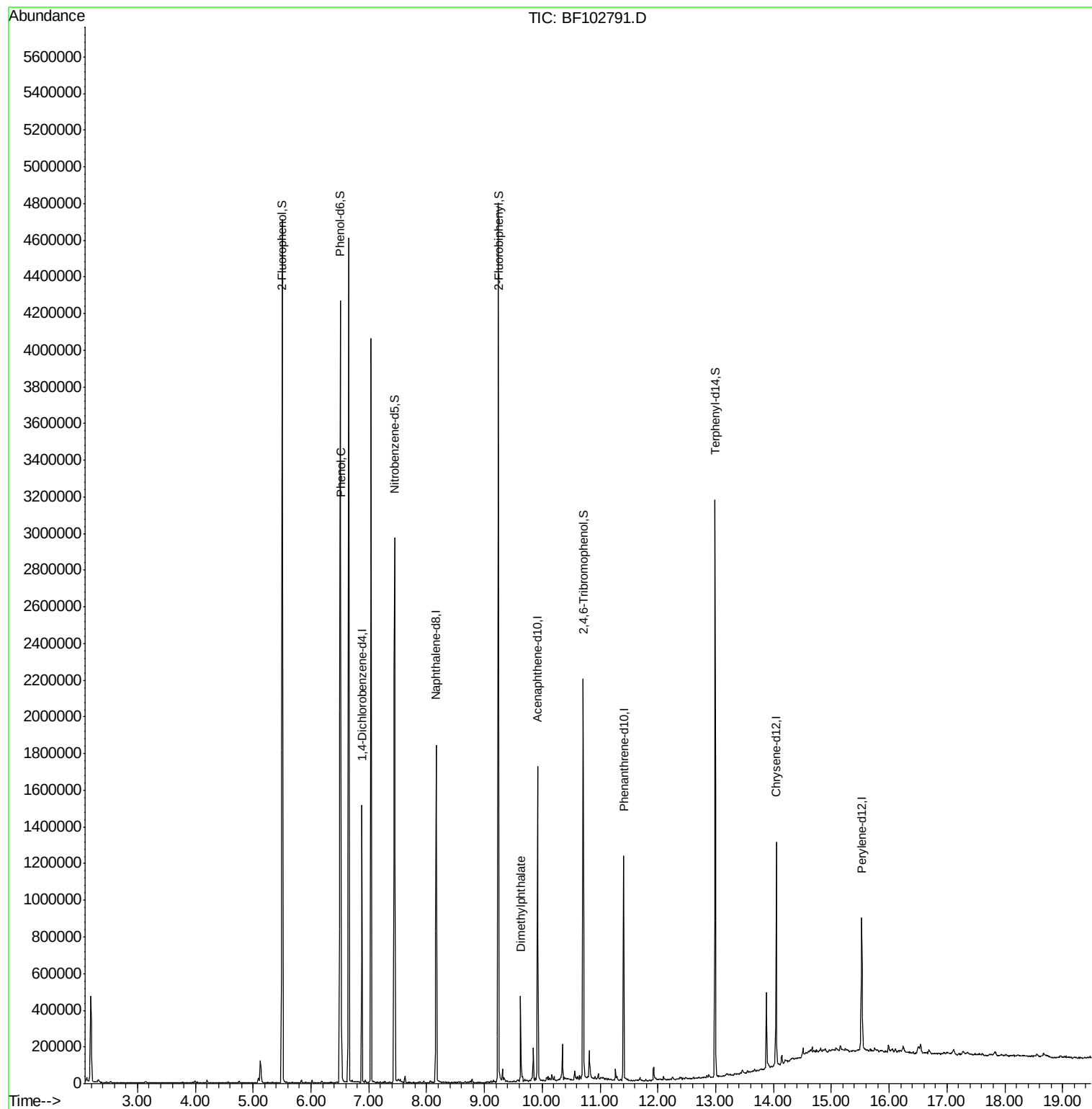
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	205821	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	809830	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	325629	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	443711	20.00	ng	0.00
75) Chrysene-d12	14.04	240	366801	20.00	ng	0.00
86) Perylene-d12	15.53	264	335362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1413244	104.28	ng	0.01
7) Phenol-d6	6.51	99	1667560	102.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	945624	81.00	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	241473	92.13	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1557198	79.35	ng	0.00
78) Terphenyl-d14	12.99	244	1003672	64.79	ng	0.00
Target Compounds						
10) Phenol	6.52	94	43338	2.478	ng	96
49) Dimethylphthalate	9.63	163	178734	7.040	ng	99

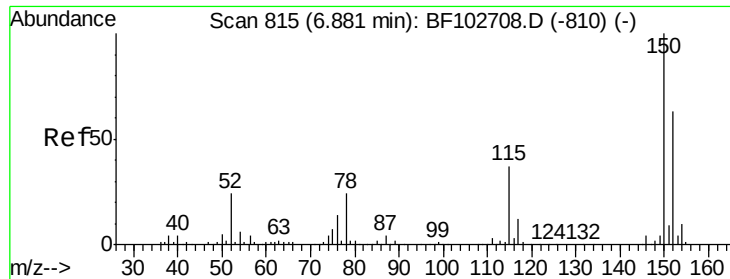
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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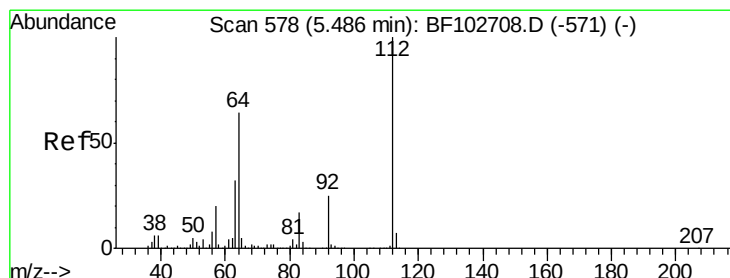
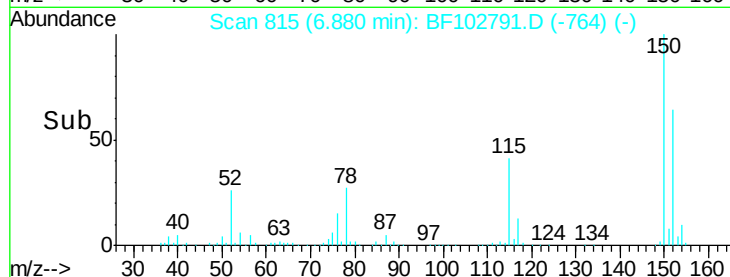
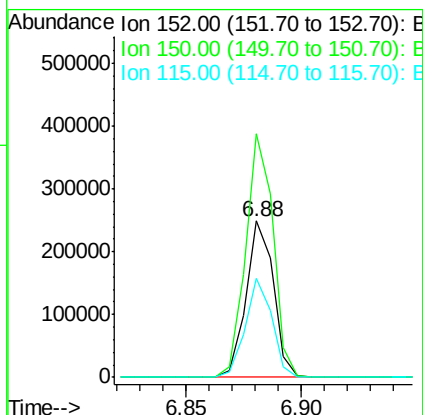
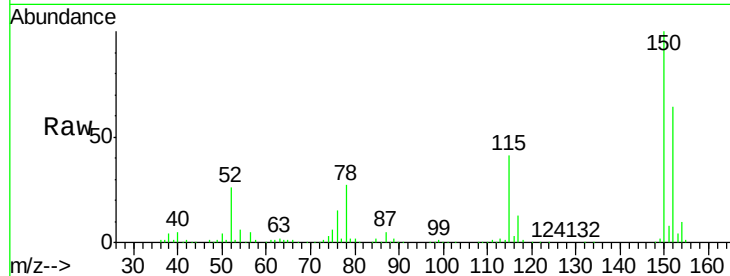


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Instrument :
BNA_F
ClientSampled :
B1

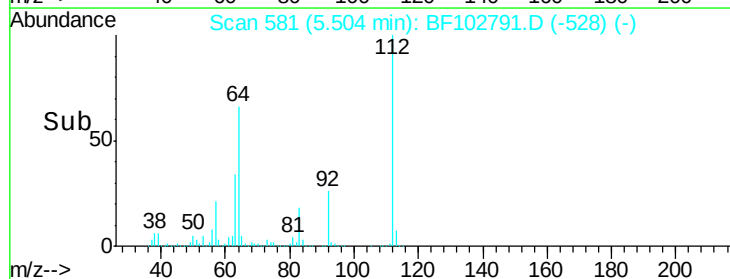
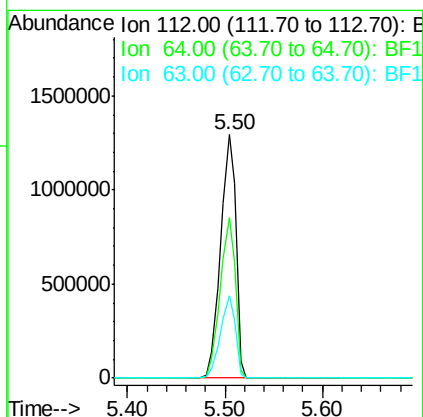
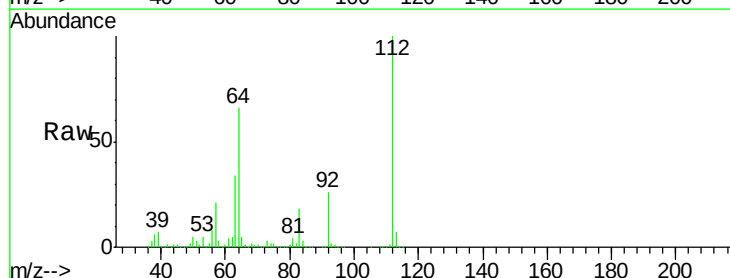
Tot Ion:152 Resp: 205821
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 63.6 50.1 75.1

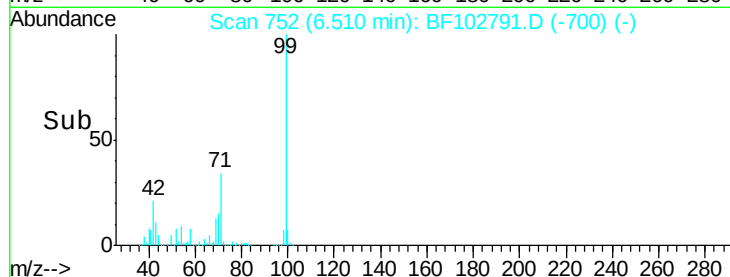
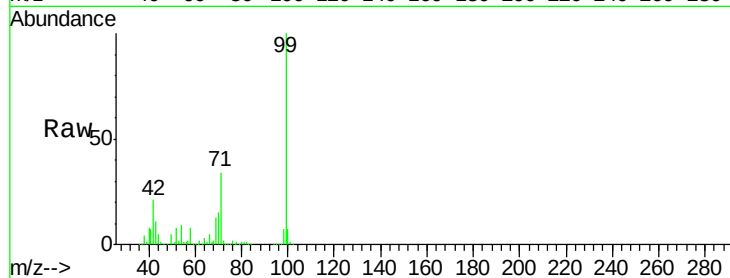
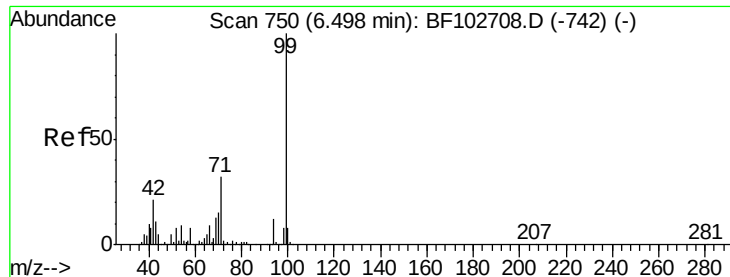


#5

2-Fluorophenol
Concen: 104.277 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:112 Resp: 1413244
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 33.7 23.7 35.5





#7

Phenol-d6

Concen: 102.189 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

Instrument :

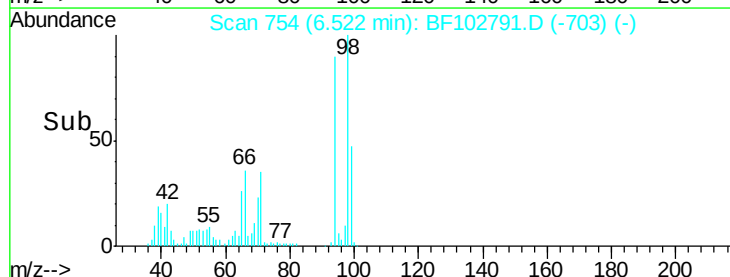
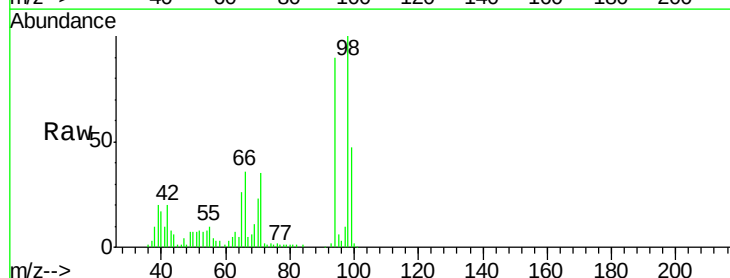
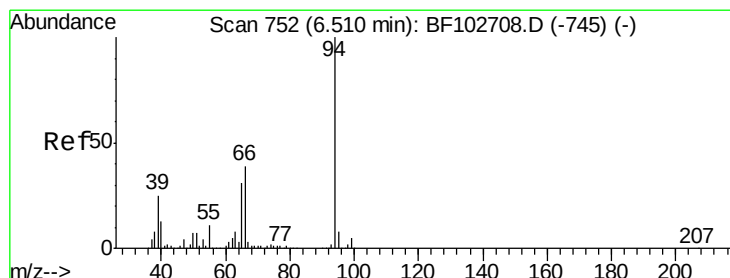
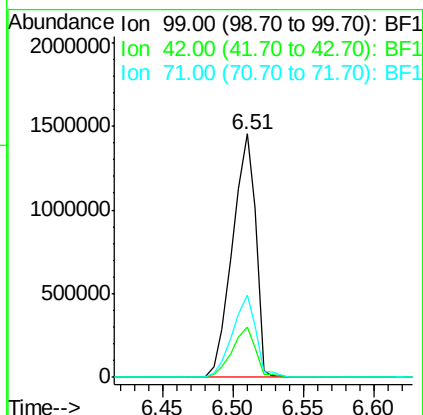
BNA_F

ClientSampleId :

B1

Tot Ion: 99 Resp: 1667560

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.8	25.4	38.0



#10

Phenol

Concen: 2.478 ng

RT: 6.52 min Scan# 754

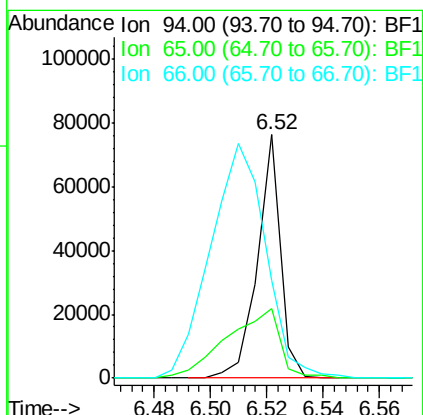
Delta R.T. -0.00 min

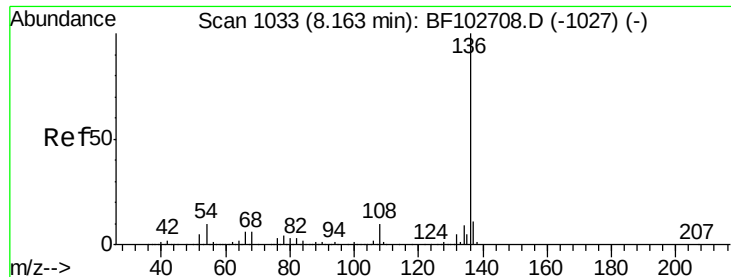
Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

Tgt Ion: 94 Resp: 43338

Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	40.1	16.2	56.2

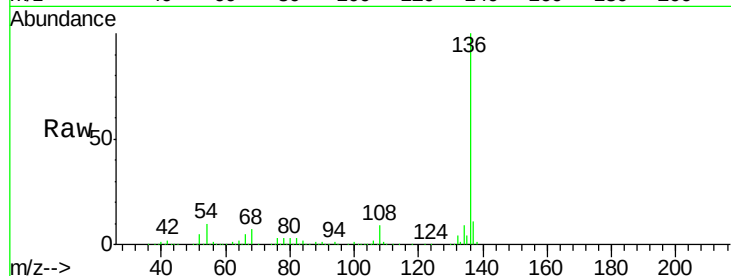




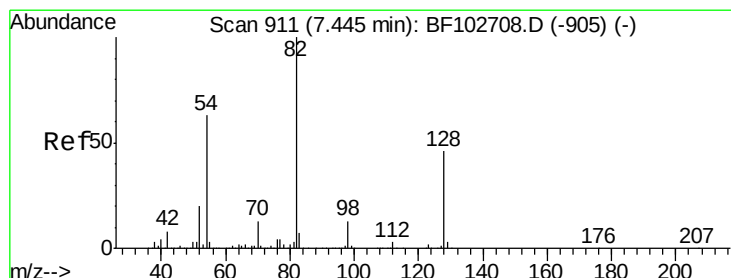
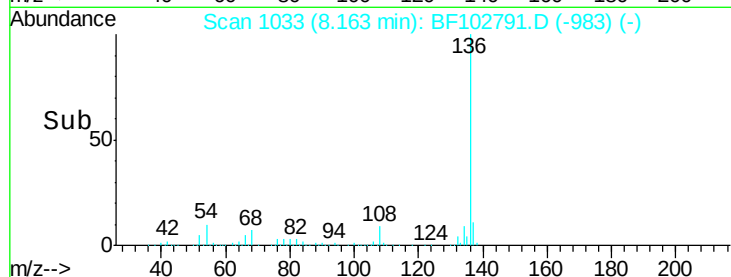
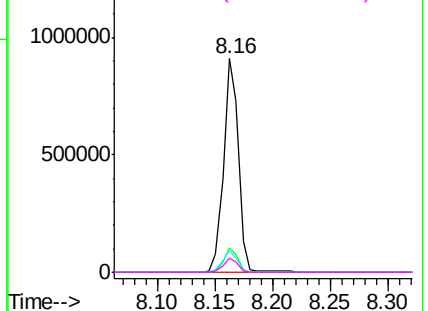
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Instrument :
BNA_F
ClientSampled :
B1

Tot Ion:136	Resp:	809830
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	10.3	6.6 9.8#
68	6.5	5.0 7.4

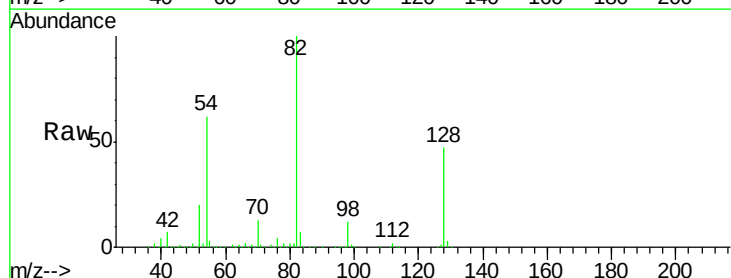


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

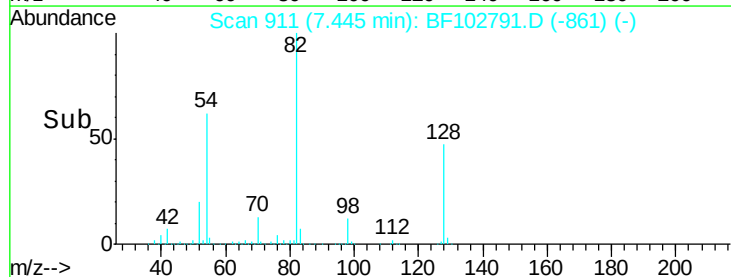
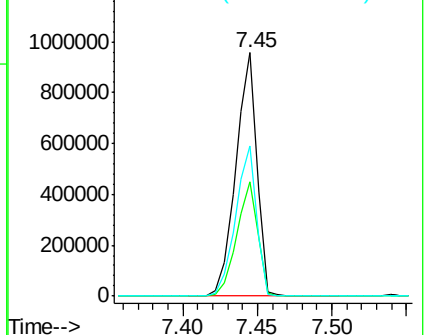


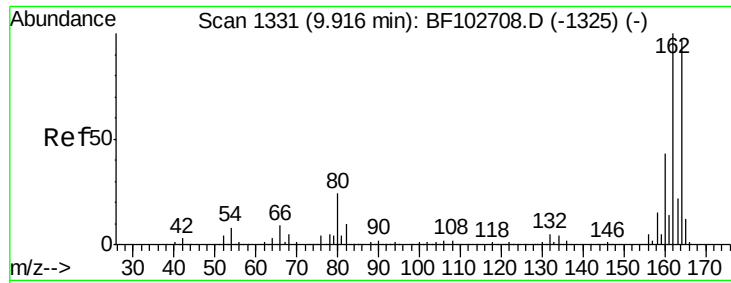
#23
Nitrobenzene-d5
Concen: 81.003 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion: 82	Resp:	945624
Ion	Ratio	Lower Upper
82	100	
128	47.2	36.1 54.1
54	61.9	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

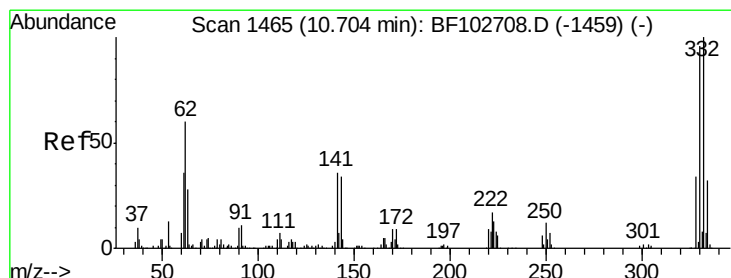
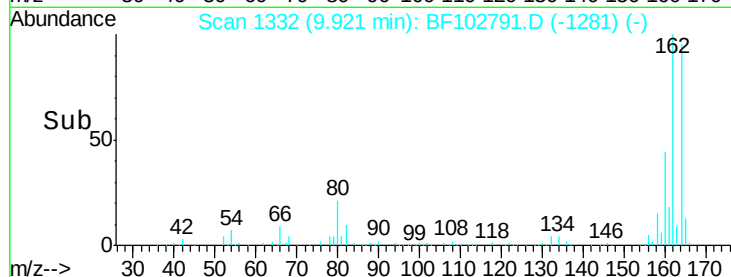
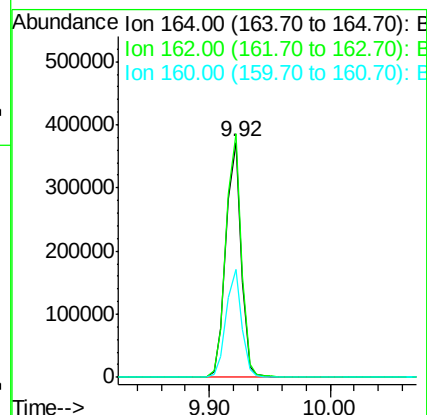
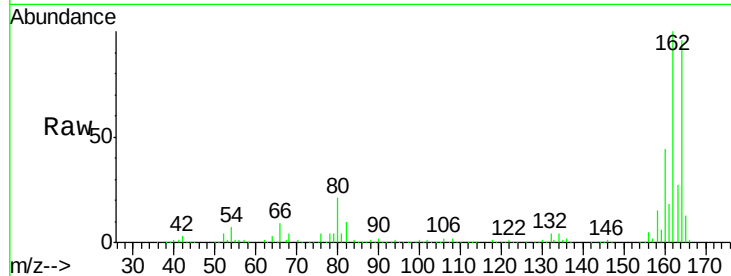




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

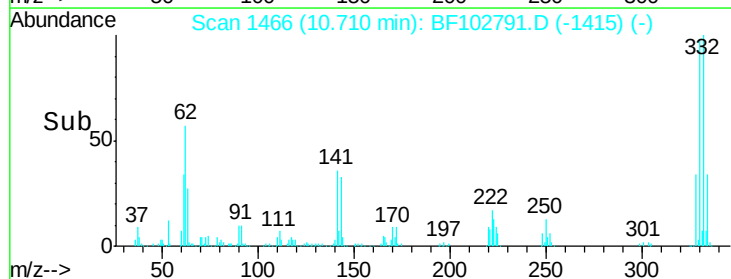
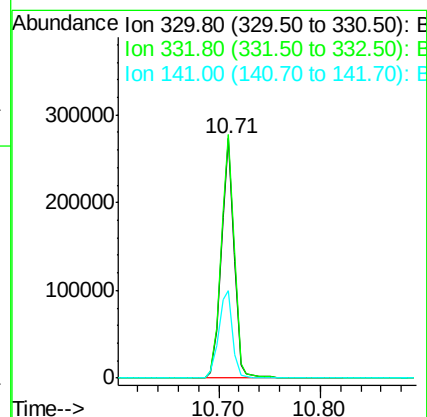
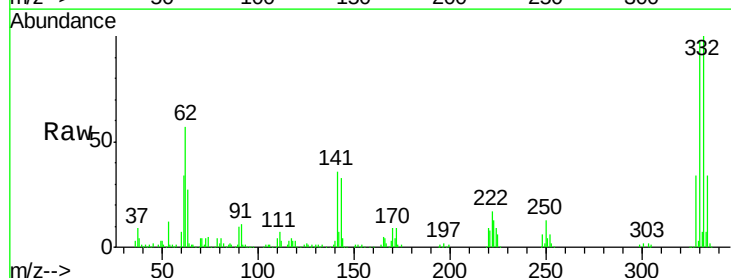
Instrument :
BNA_F
ClientSampleId :
B1

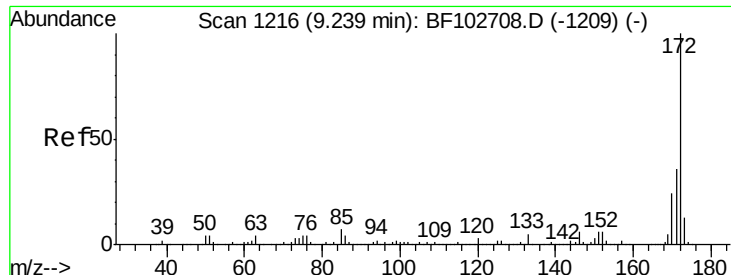
Tot Ion:164 Resp: 325629
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 92.132 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:330 Resp: 241473
Ion Ratio Lower Upper
330 100
332 104.1 77.0 115.6
141 39.3 29.9 44.9

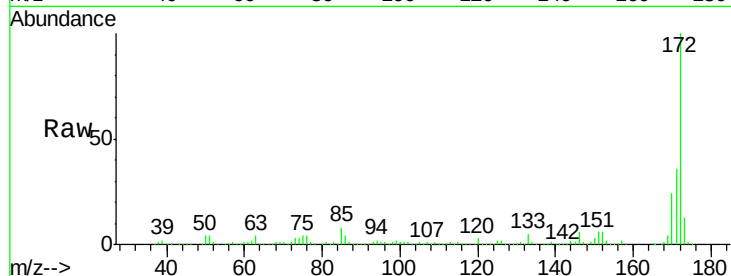




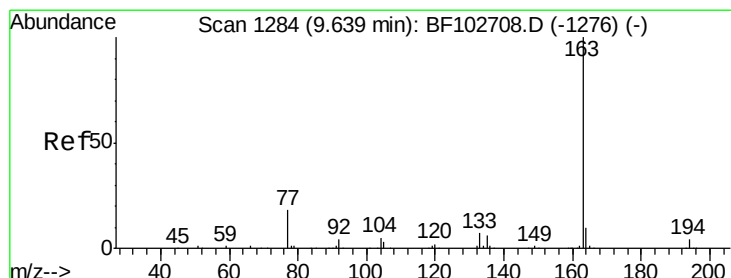
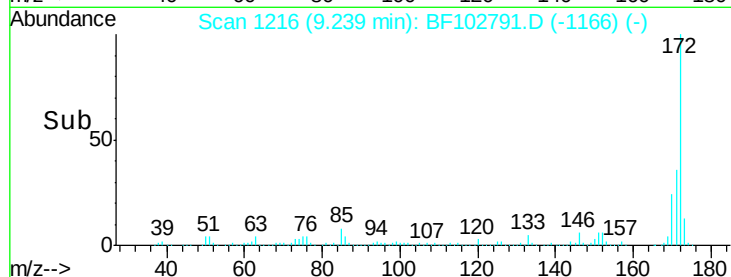
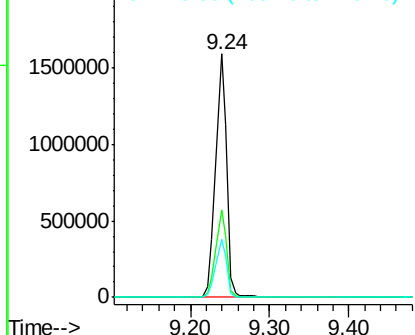
#44
2-Fluorobiphenyl
Concen: 79.352 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Instrument :
BNA_F
ClientSampleId :
B1

Tot Ion:172 Resp: 1557198
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.0 19.6 29.4

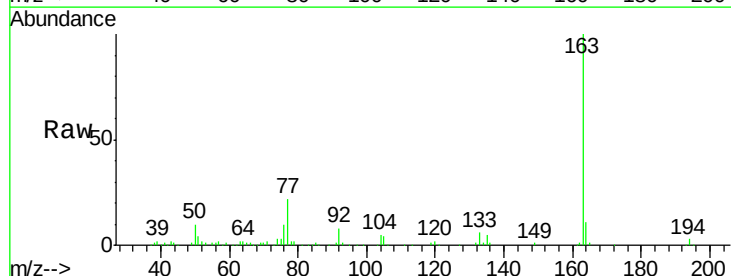


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

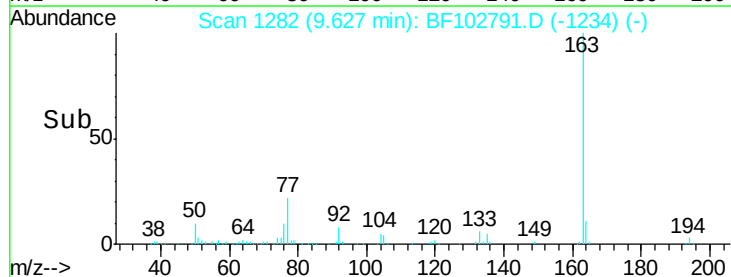
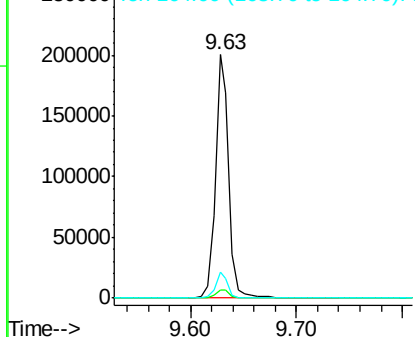


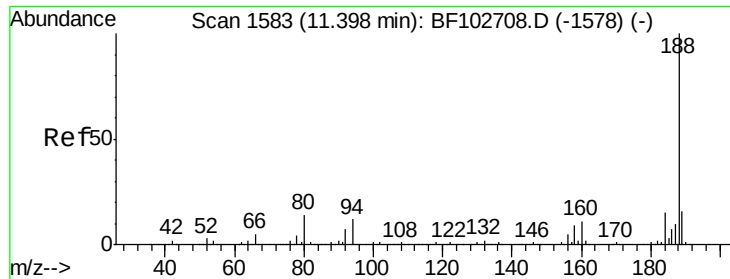
#49
Dimethylphthalate
Concen: 7.040 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:163 Resp: 178734
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 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

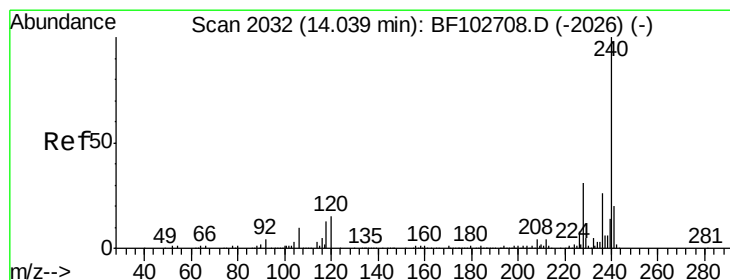
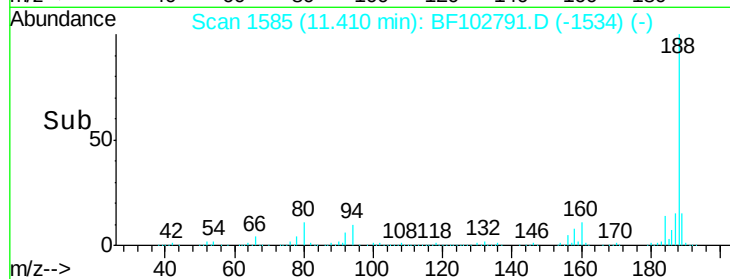
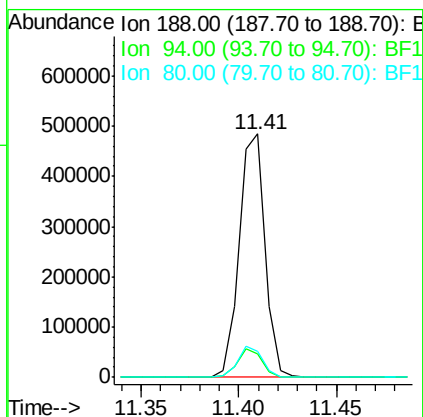
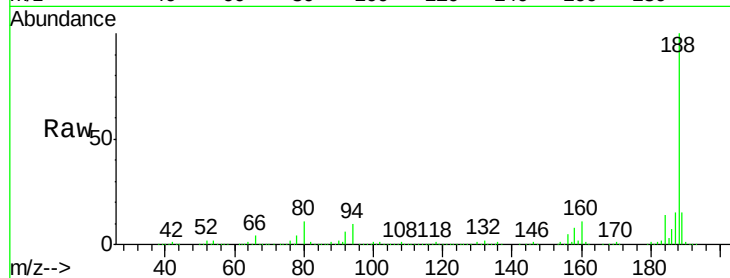




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

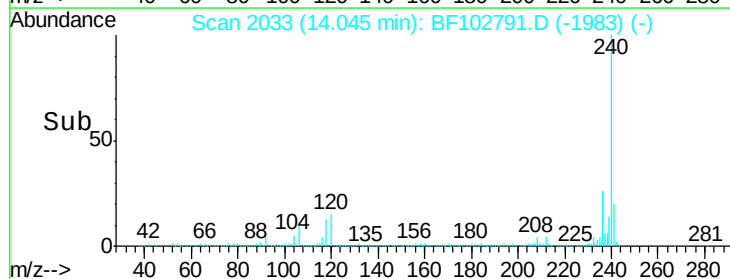
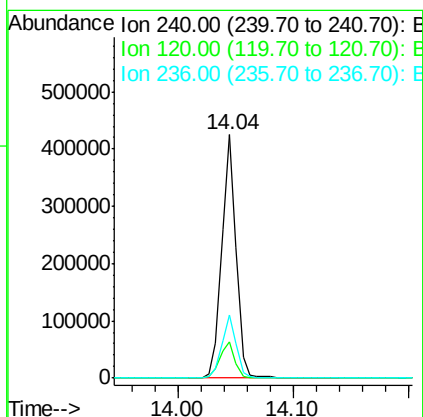
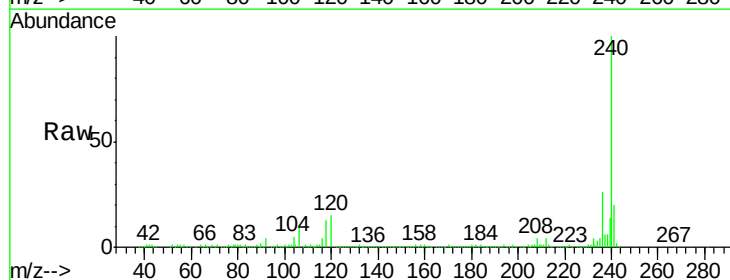
Instrument :
BNA_F
ClientSampleId :
B1

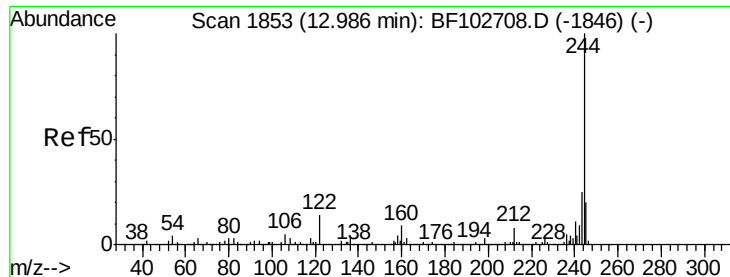
Tot Ion:188 Resp: 443711
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102791.D
Acq: 6 Feb 2018 18:29

Tgt Ion:240 Resp: 366801
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 64.789 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

Instrument :

BNA_F

ClientSampled :

B1

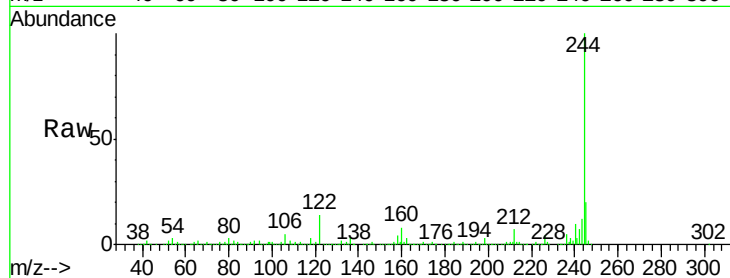
Tot Ion:244 Resp: 1003672

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

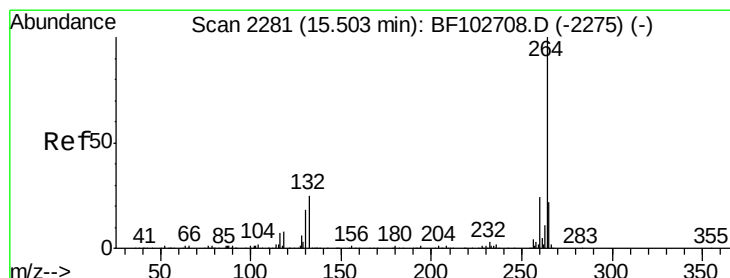
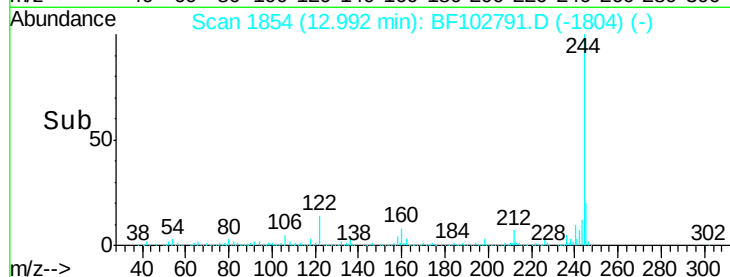
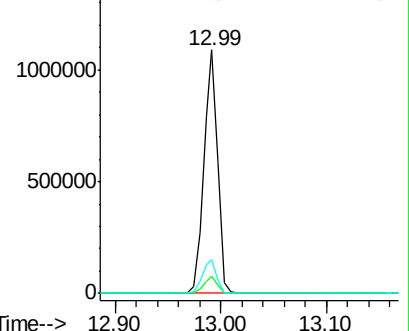
122 14.1 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102791.D

Acq: 6 Feb 2018 18:29

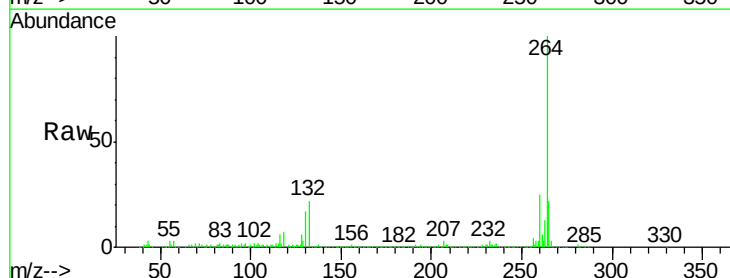
Tgt Ion:264 Resp: 335362

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.1 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

