

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108345.D
 Acq On : 21 Aug 2018 18:53
 Operator : JU/SJ
 Sample : J4521-01 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286

Quant Time: Aug 21 23:35:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

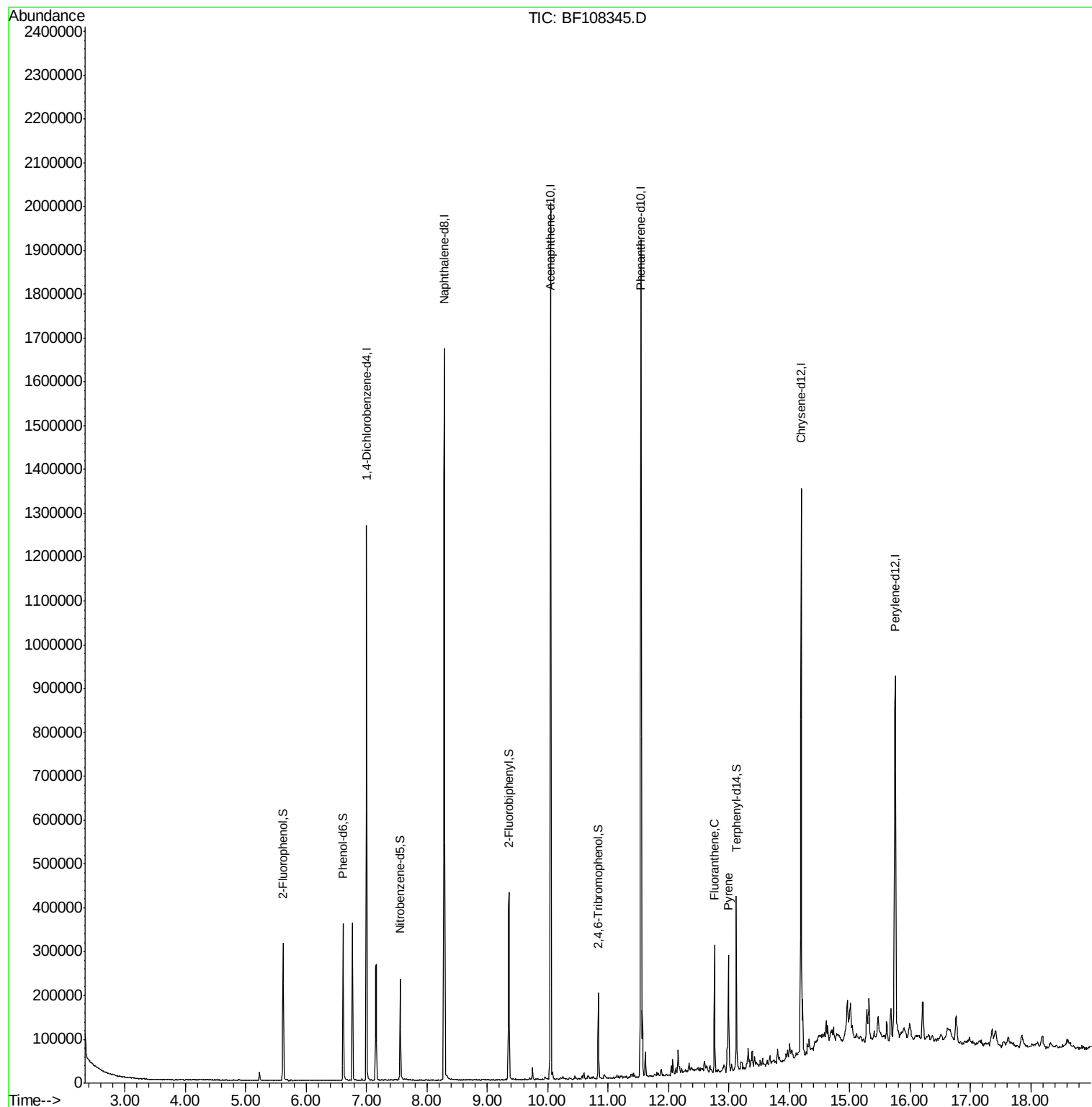
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	187816	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	754444	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	389028	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	725211	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	412436	20.00	ng	-0.02
86) Perylene-d12	15.75	264	410782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	76683	7.39	ng	-0.01
7) Phenol-d6	6.61	99	111578	8.09	ng	-0.02
23) Nitrobenzene-d5	7.56	82	72101	5.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	22628	5.83	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	142464	5.88	ng	-0.02
78) Terphenyl-d14	13.12	244	124378	7.67	ng	-0.02
Target Compounds						
74) Fluoranthene	12.76	202	114268	3.061	ng	Qvalue 97
77) Pyrene	12.99	202	102530	3.927	ng	98

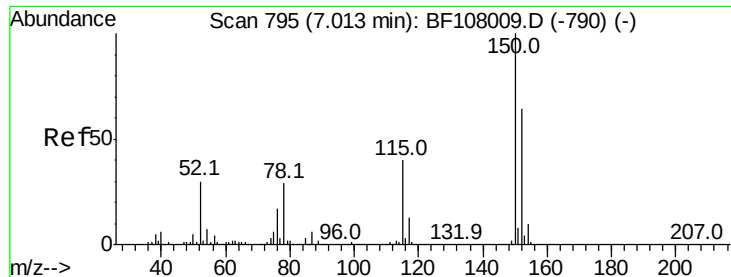
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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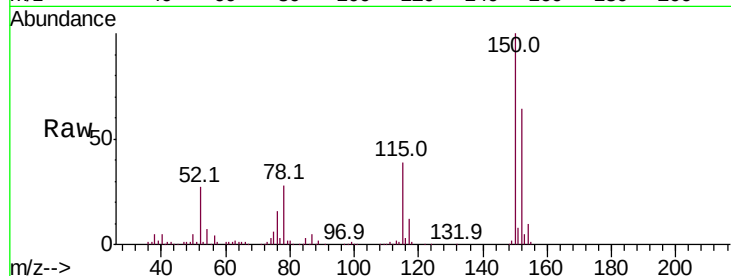


#1

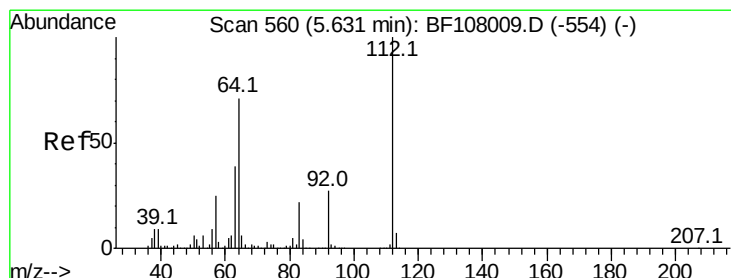
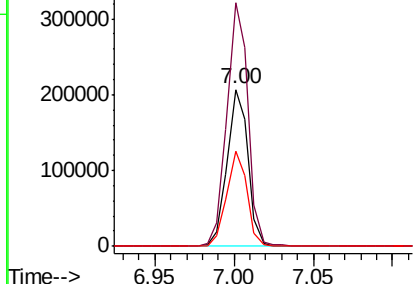
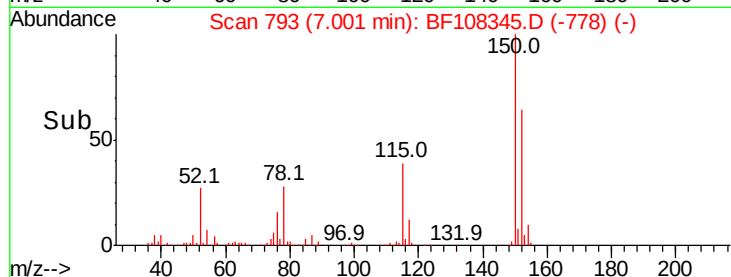
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108345.D
Acq: 21 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
RT2286

Tot Ion:152 Resp: 187816
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.2 50.1 75.1



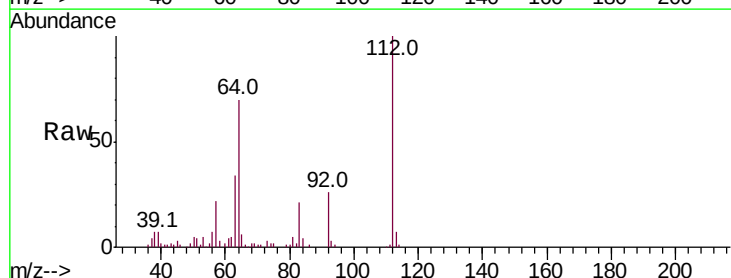
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



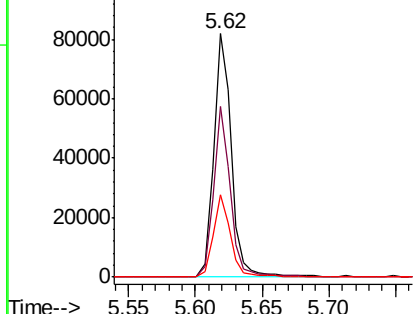
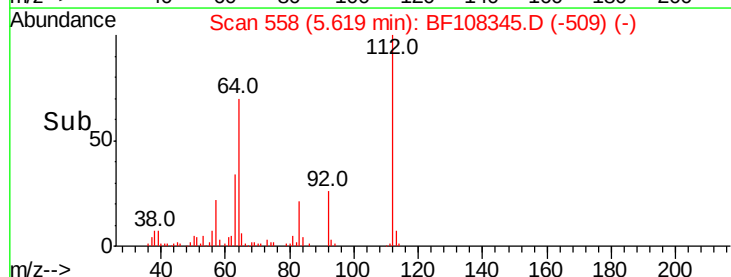
#5

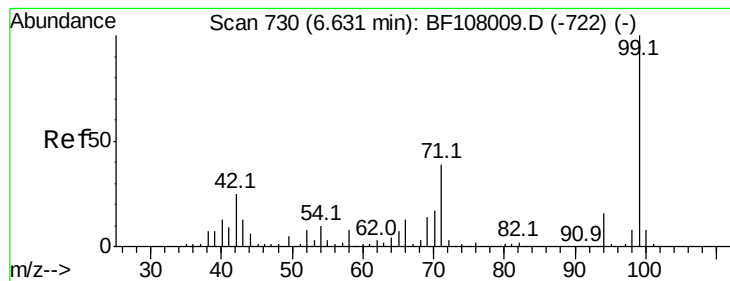
2-Fluorophenol
Concen: 7.392 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108345.D
Acq: 21 Aug 2018 18:53

Tgt Ion:112 Resp: 76683
Ion Ratio Lower Upper
112 100
64 70.4 47.9 71.9
63 33.7 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: 8.094 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

RT2286

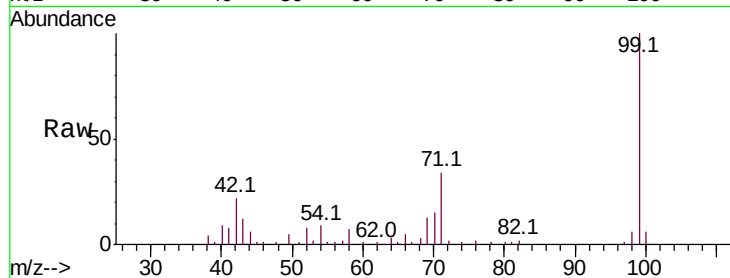
Tot Ion: 99 Resp: 111578

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

71 34.5 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

150000

100000

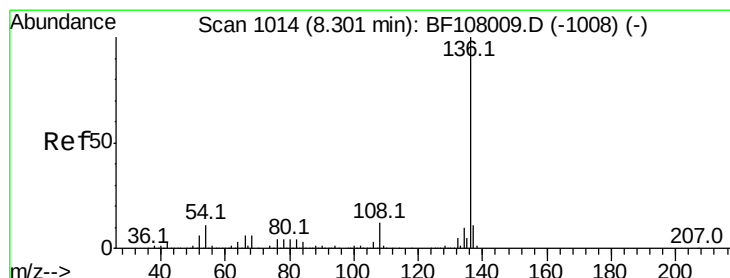
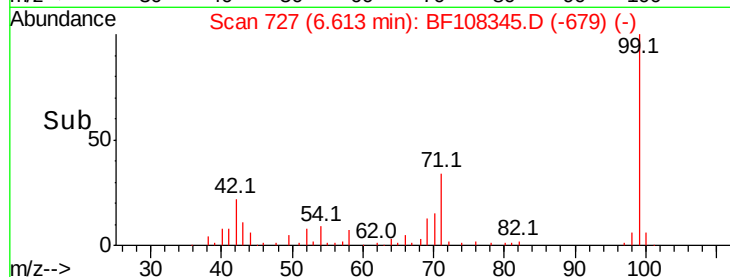
50000

0

6.61

6.55 6.60 6.65 6.70 6.75

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

Tgt Ion: 136 Resp: 754444

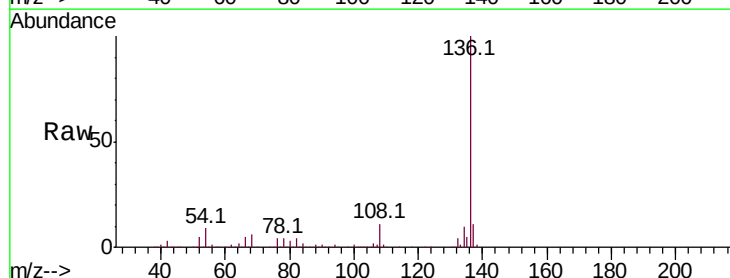
Ion Ratio Lower Upper

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

1200000

1000000

800000

600000

400000

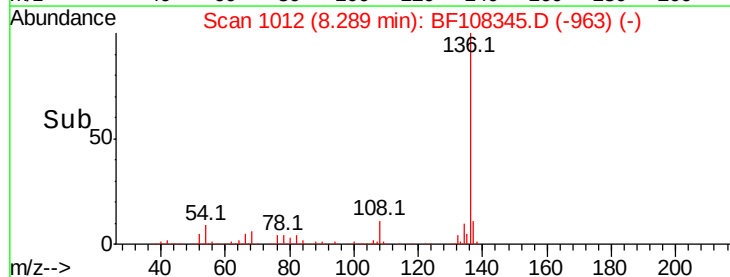
200000

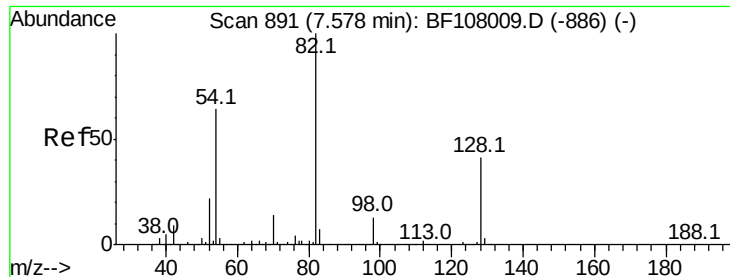
0

8.29

8.20 8.30 8.40

Time-->

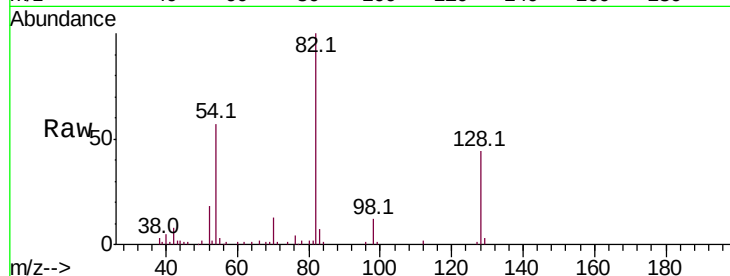




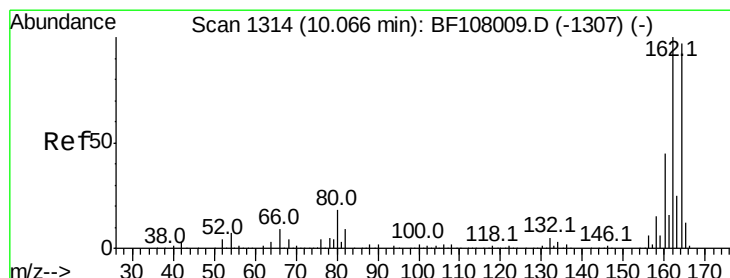
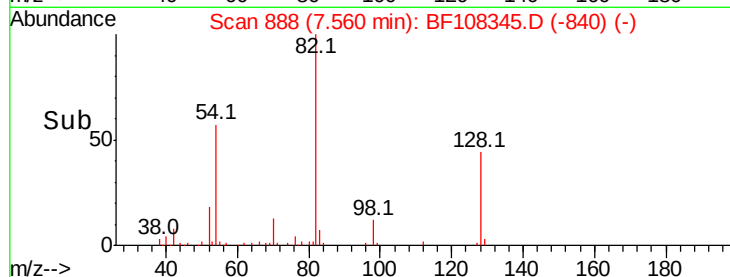
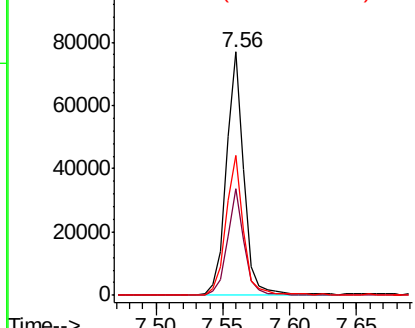
#23
 Nitrobenzene-d5
 Concen: 5.333 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF108345.D
 Acq: 21 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampled :
 RT2286

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	57.3	41.4	62.2

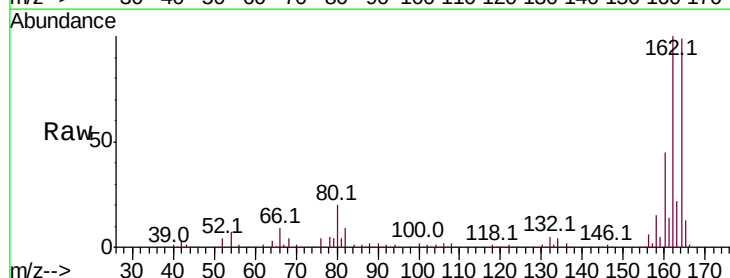


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

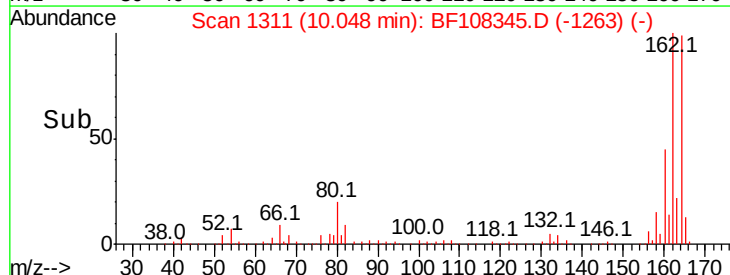
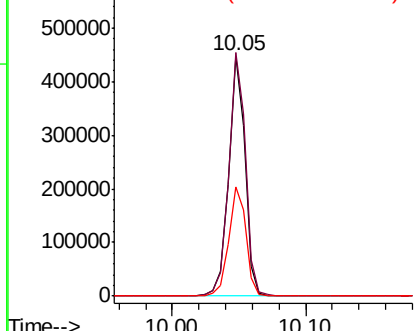


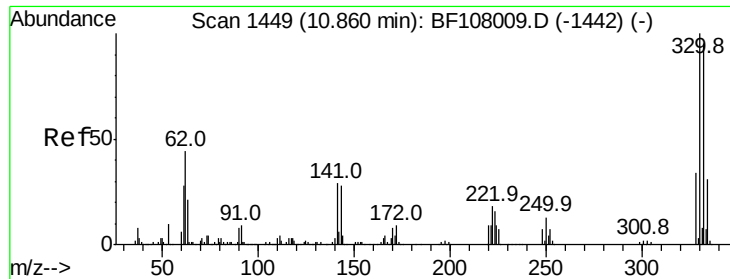
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108345.D
 Acq: 21 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.5	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

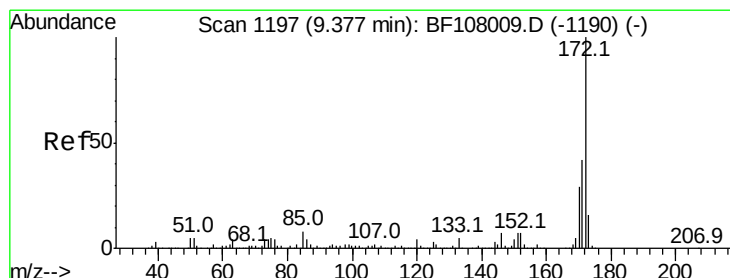
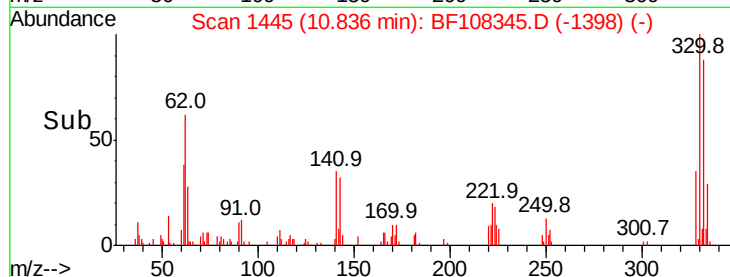
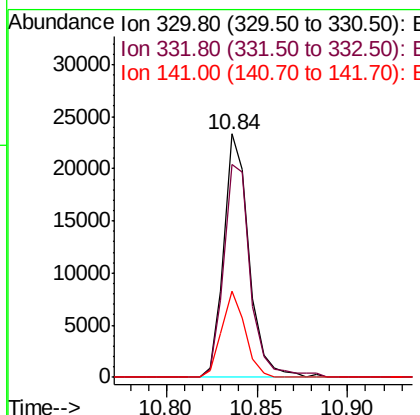
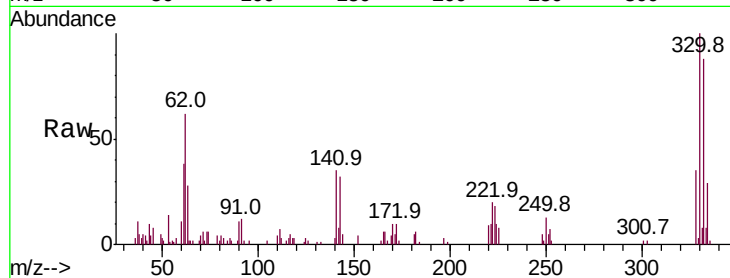




#41
 2,4,6-Tribromophenol
 Concen: 5.831 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF108345.D
 Acq: 21 Aug 2018 18:53

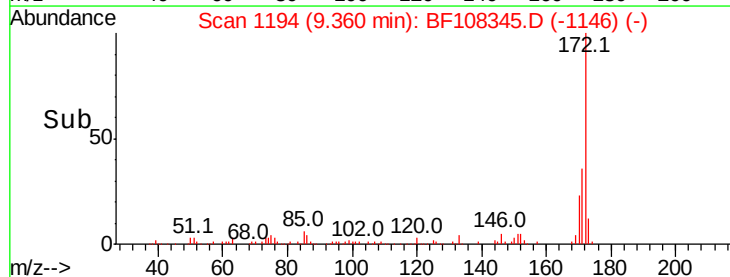
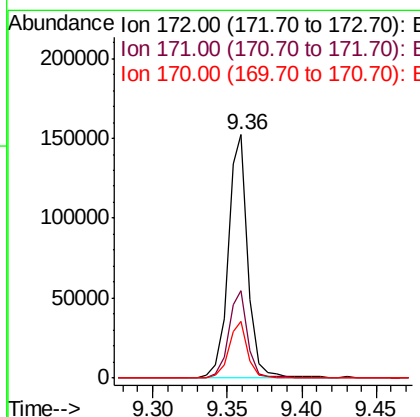
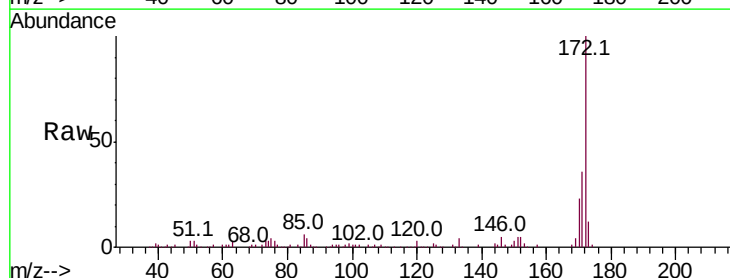
Instrument :
 BNA_F
 ClientSampleId :
 RT2286

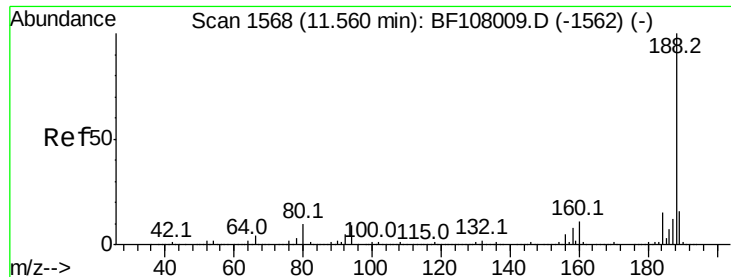
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 5.879 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108345.D
 Acq: 21 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4

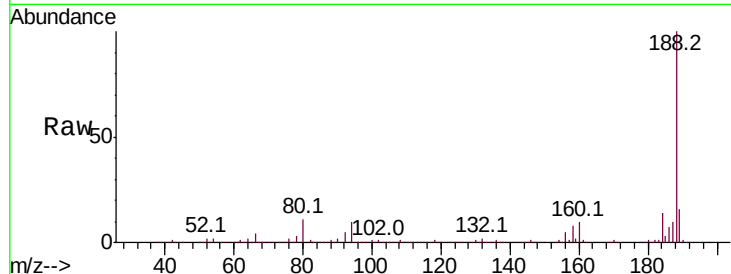




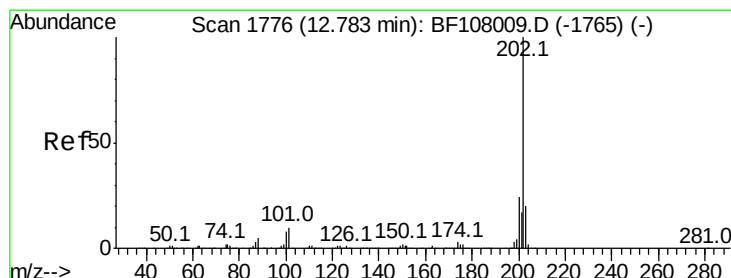
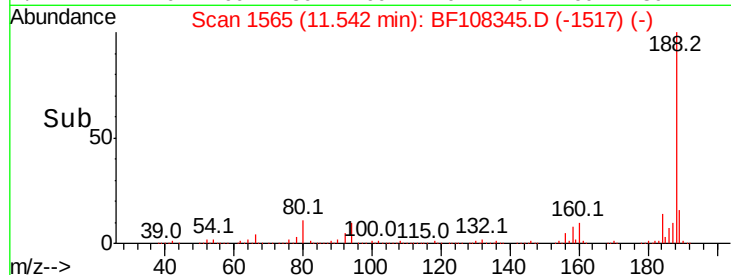
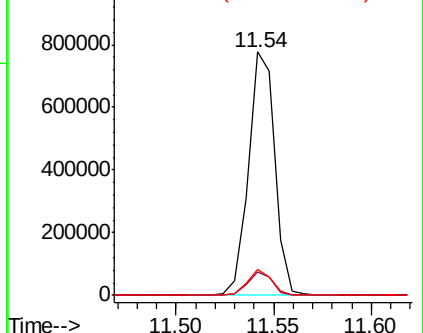
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108345.D
Acq: 21 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
RT2286

Tot Ion:188 Resp: 725211
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 9.2 13.8

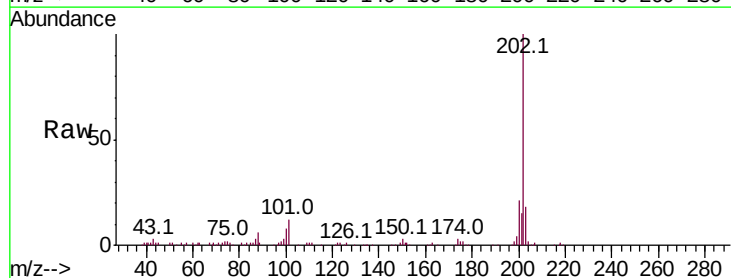


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

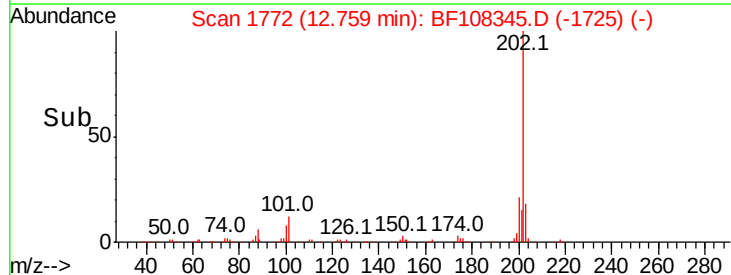
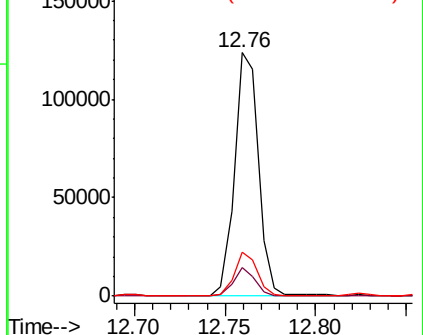


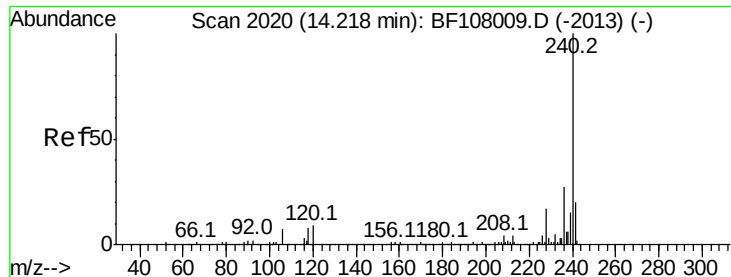
#74
Fluoranthene
Concen: 3.061 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BF108345.D
Acq: 21 Aug 2018 18:53

Tgt Ion:202 Resp: 114268
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.1
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

RT2286

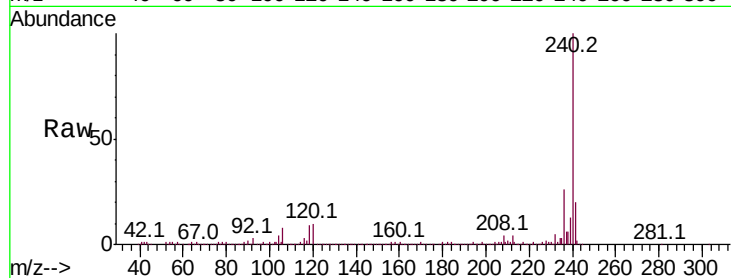
Tot Ion:240 Resp: 412436

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

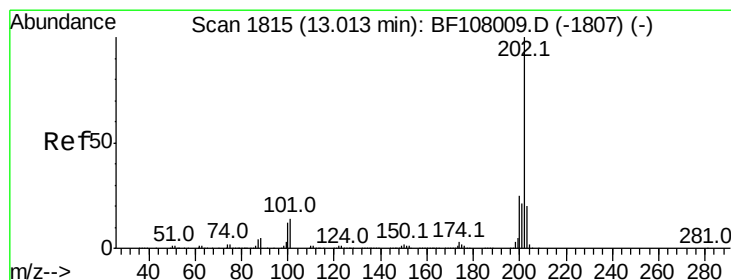
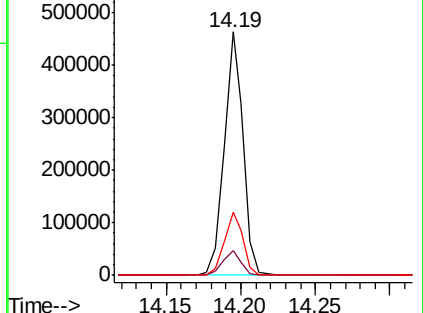
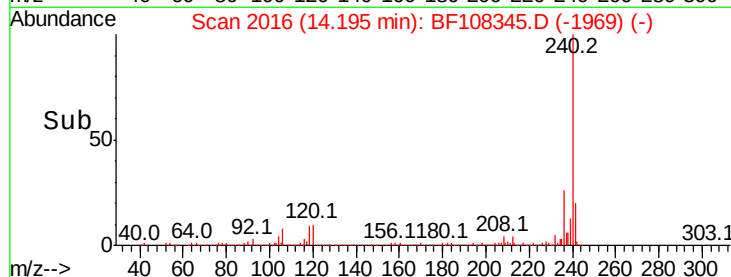
236 26.0 20.7 31.1



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



#77

Pyrene

Concen: 3.927 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

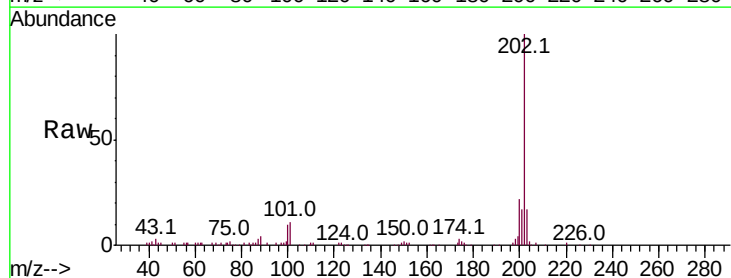
Tgt Ion:202 Resp: 102530

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

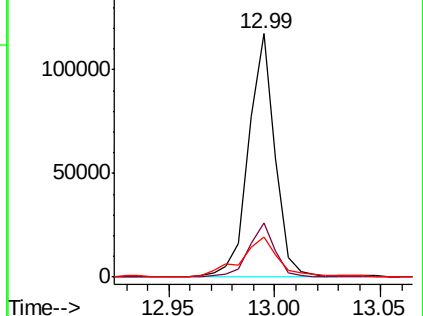
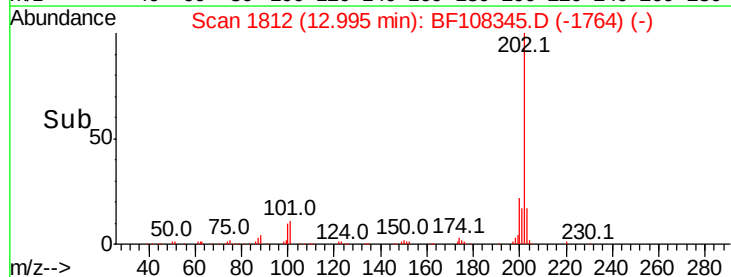
203 16.6 14.3 21.5

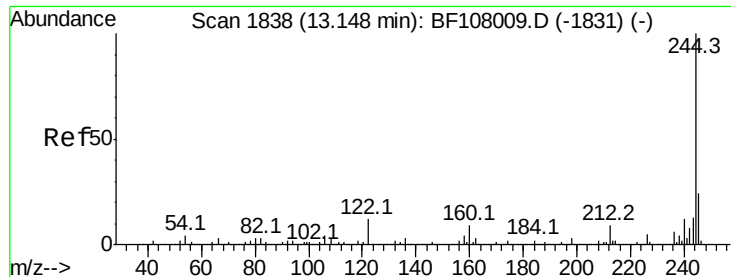


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.668 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

RT2286

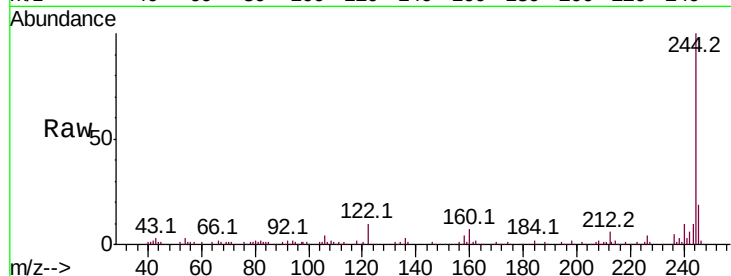
Tot Ion:244 Resp: 124378

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

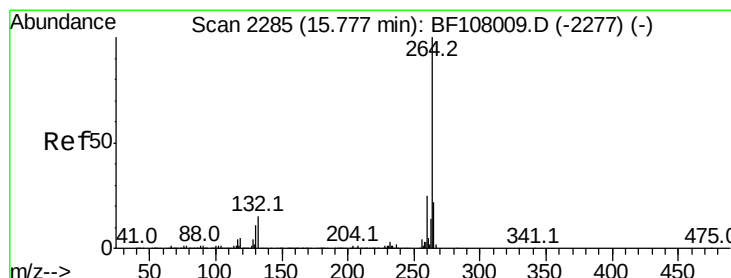
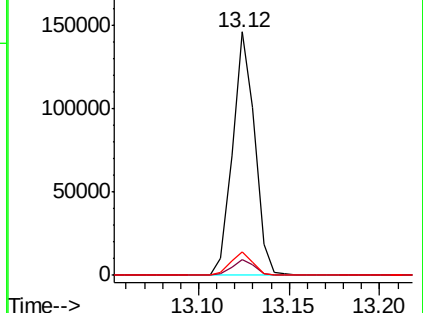
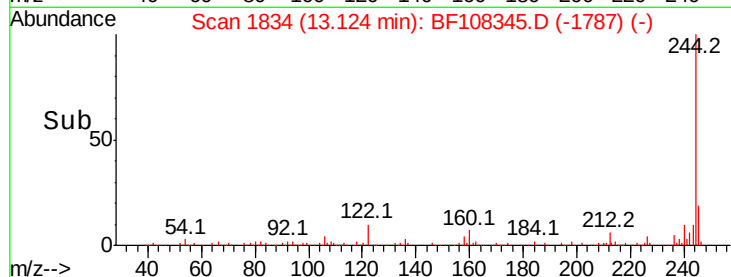
122 9.6 11.0 16.4#



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: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108345.D

Acq: 21 Aug 2018 18:53

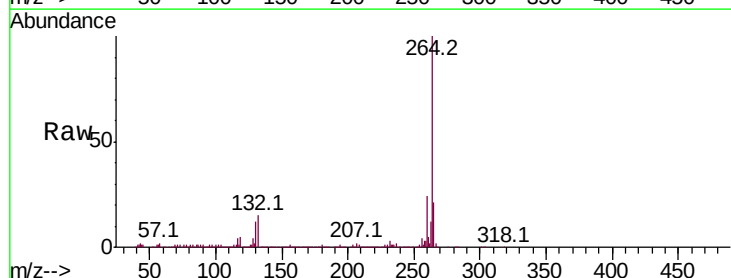
Tgt Ion:264 Resp: 410782

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

