

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109395.D
 Acq On : 27 Sep 2018 18:49
 Operator : JU/SJ
 Sample : J5066-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-FD01

Quant Time: Sep 28 05:25:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

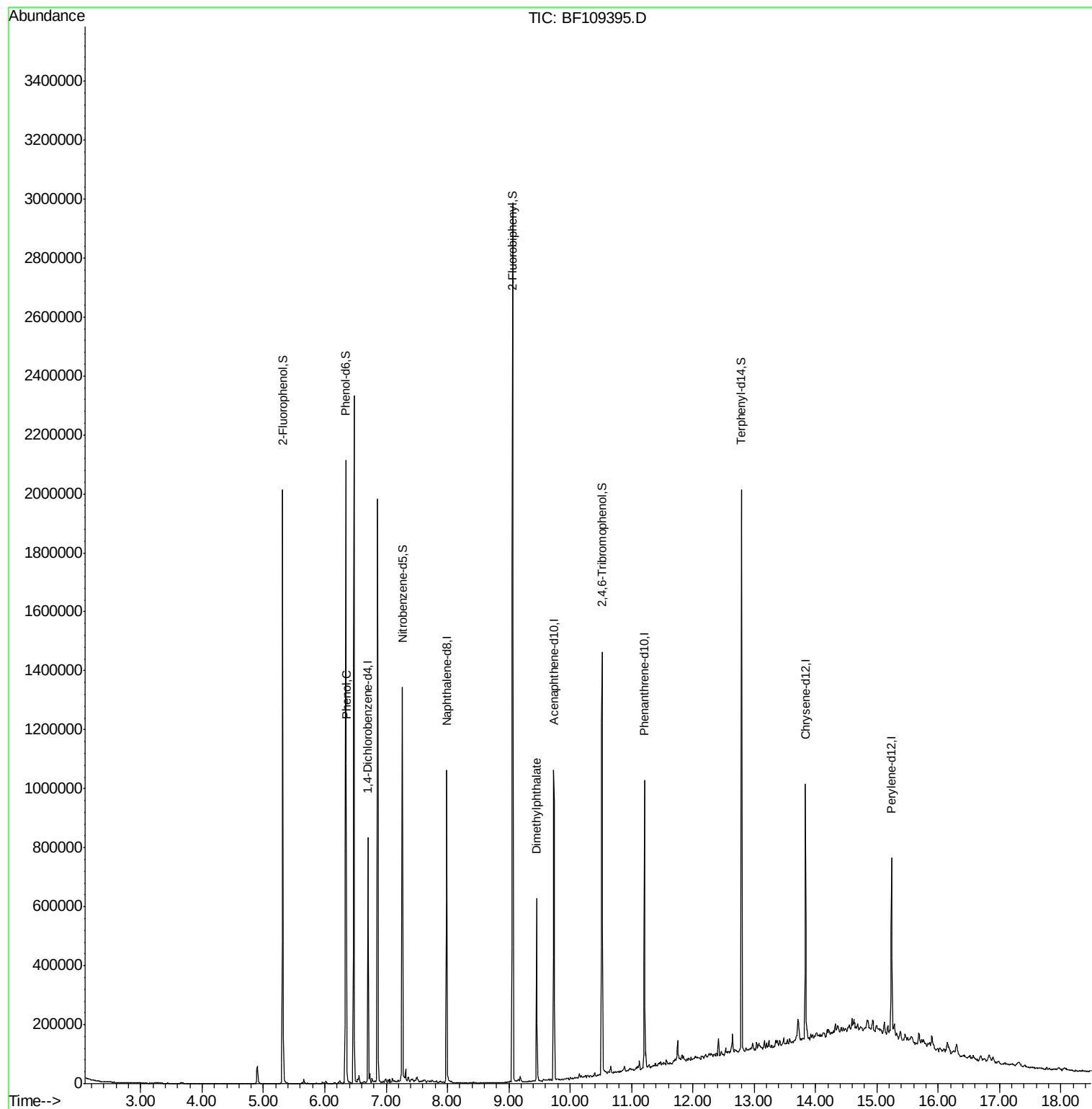
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113604	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	440680	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	209432	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	361072	20.00	ng	0.00
75) Chrysene-d12	13.84	240	268859	20.00	ng	0.00
86) Perylene-d12	15.24	264	277263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	565088	81.93	ng	0.00
7) Phenol-d6	6.35	99	732990	83.28	ng	-0.01
23) Nitrobenzene-d5	7.27	82	468593	62.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	172003	83.31	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	855064	61.58	ng	-0.01
78) Terphenyl-d14	12.79	244	678683	61.95	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27692	2.778	ng	100
49) Dimethylphthalate	9.46	163	242255	15.904	ng	98

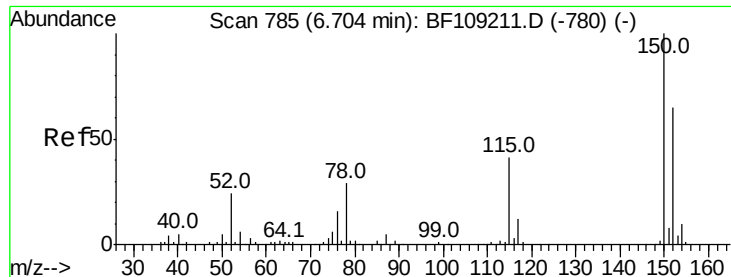
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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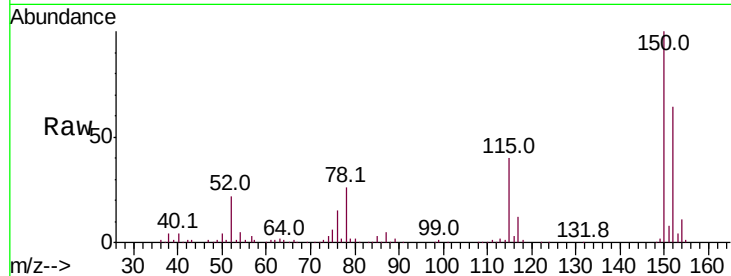


#1

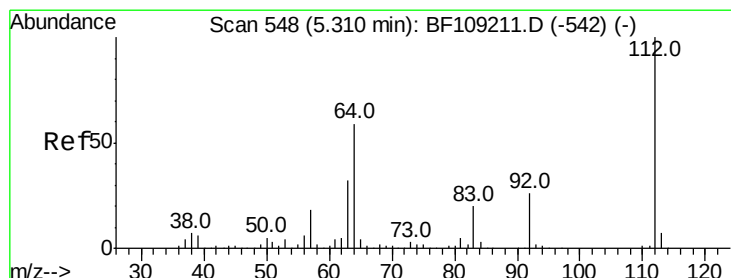
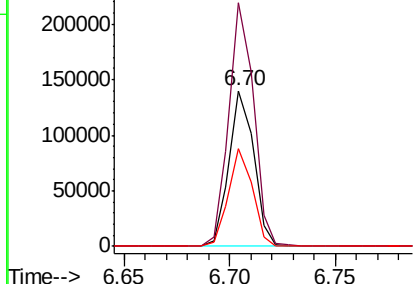
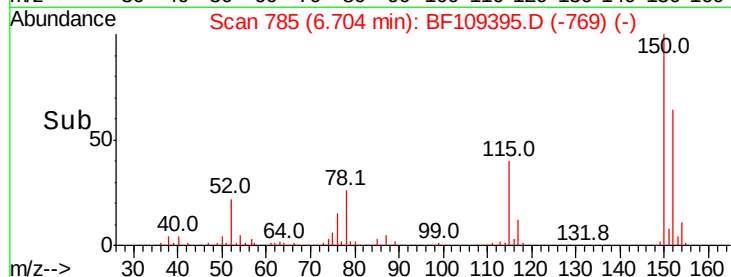
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-FD01

Tot Ion:152 Resp: 113604
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 62.5 50.1 75.1



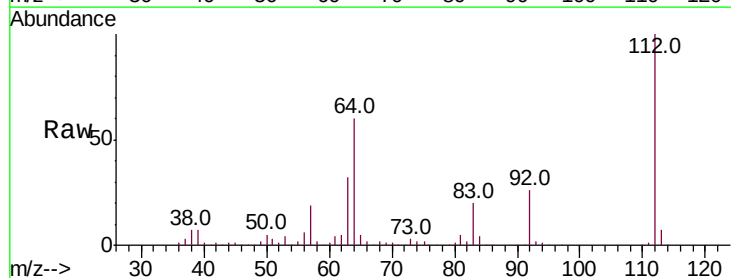
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



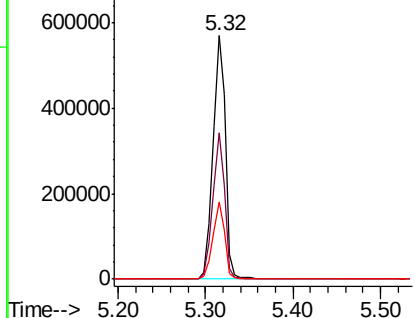
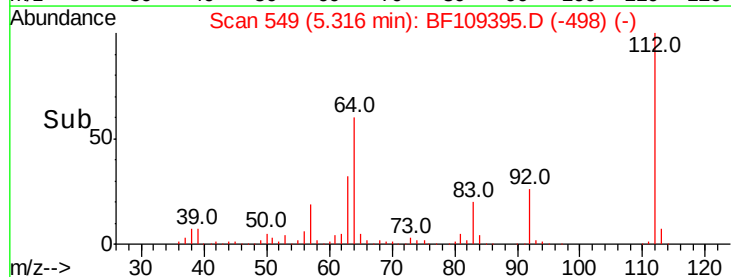
#5

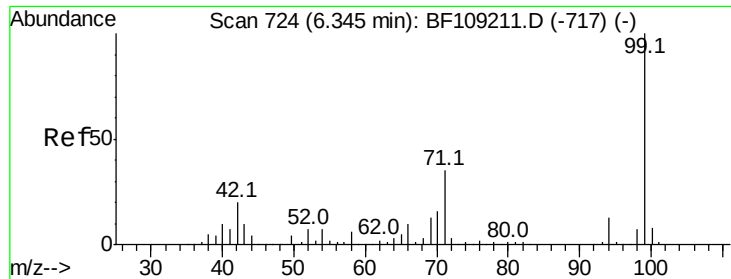
2-Fluorophenol
Concen: 81.929 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion:112 Resp: 565088
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.6 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: 83.283 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

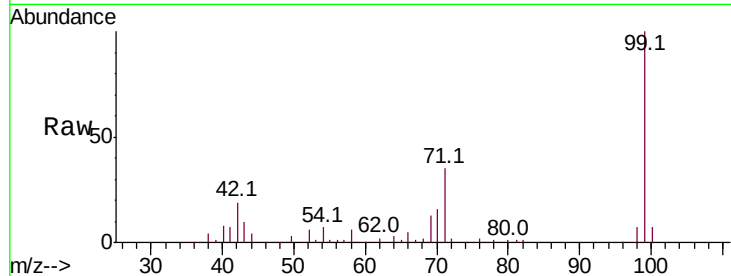
Tot Ion: 99 Resp: 732990

Ion Ratio Lower Upper

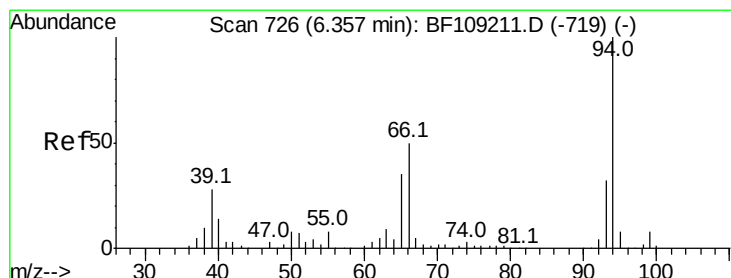
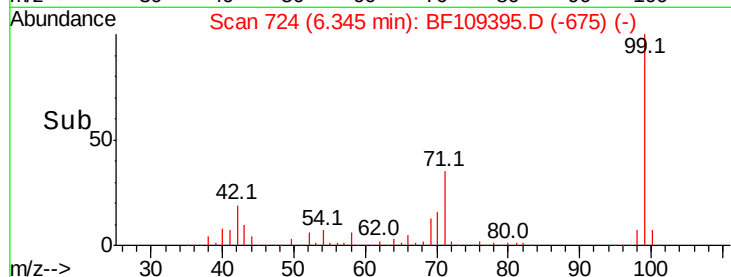
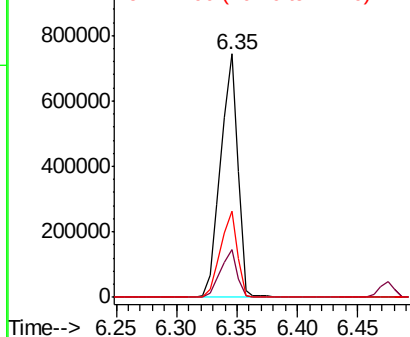
99 100

42 19.4 14.5 21.7

71 35.4 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: 2.778 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

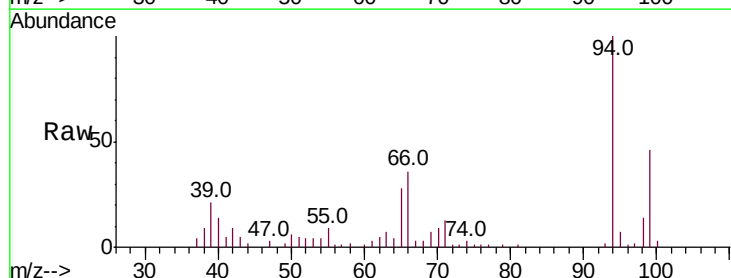
Tgt Ion: 94 Resp: 27692

Ion Ratio Lower Upper

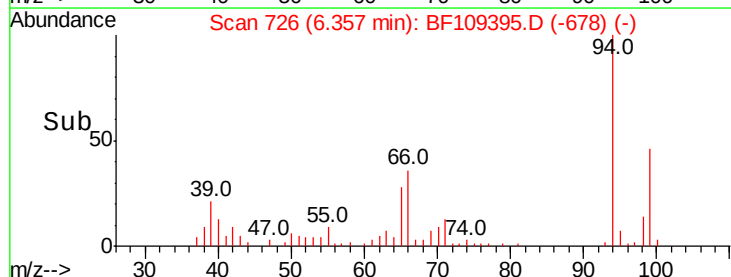
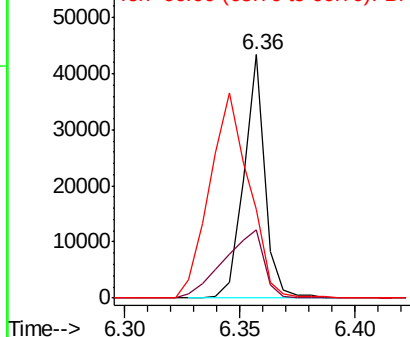
94 100

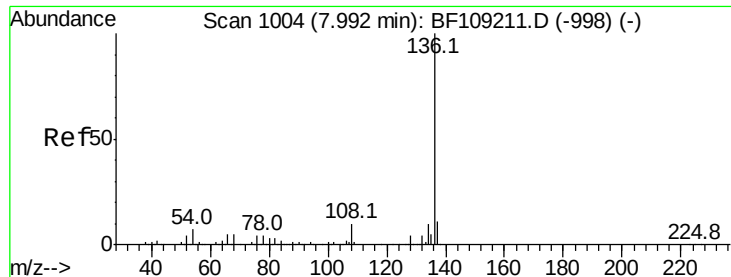
65 28.0 7.9 47.9

66 36.4 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

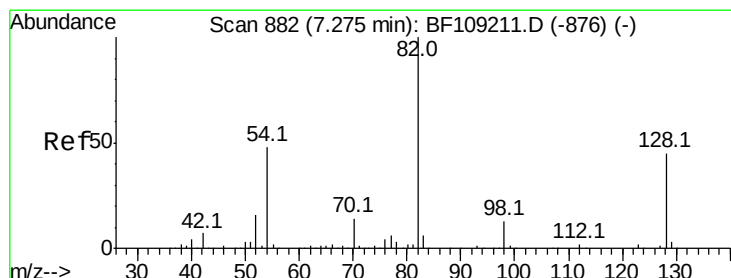
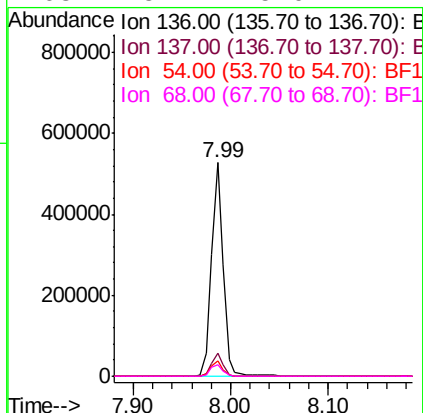
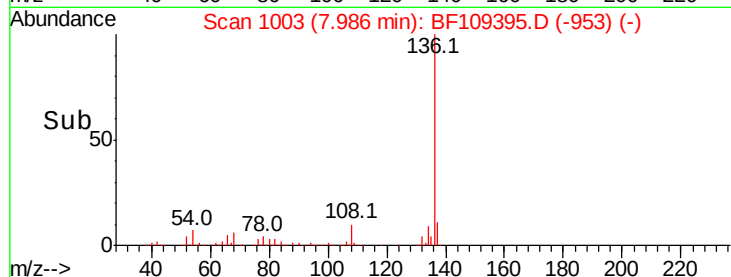
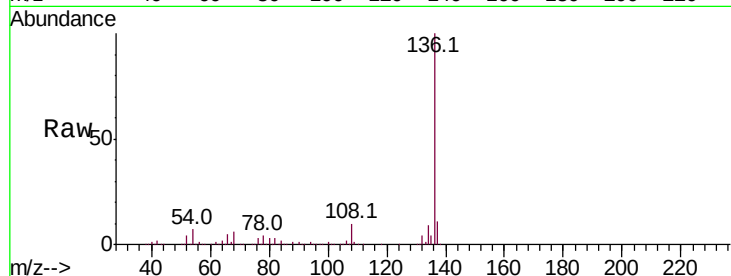




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

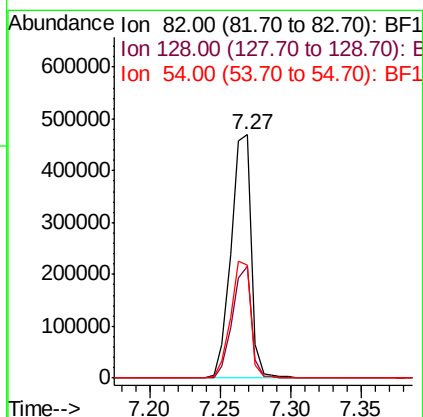
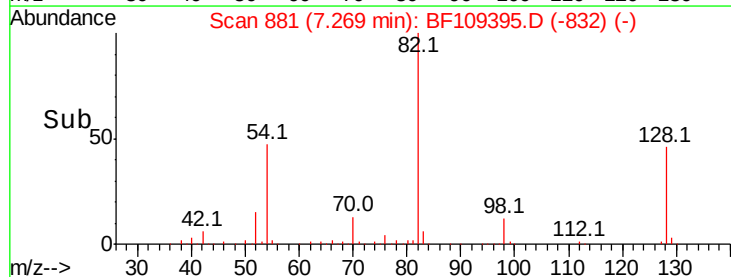
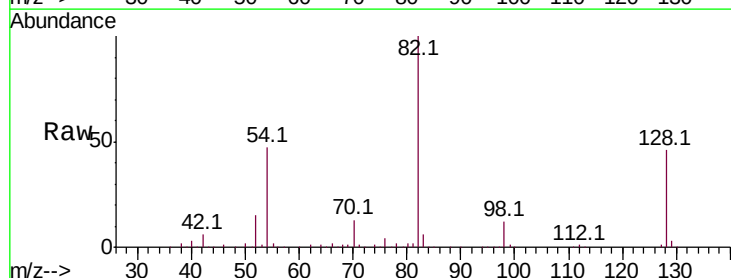
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-FD01

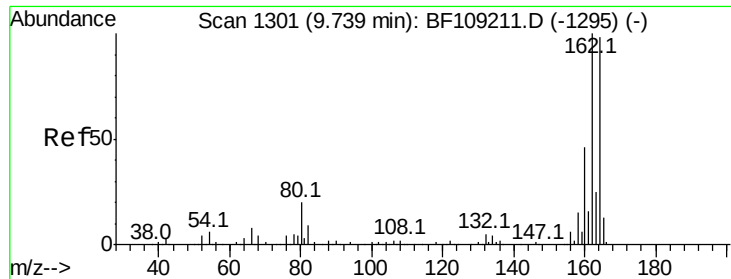
Tot Ion:136	Resp:	440680
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.3	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.771 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion: 82	Resp:	468593
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.1 54.1
54	46.6	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

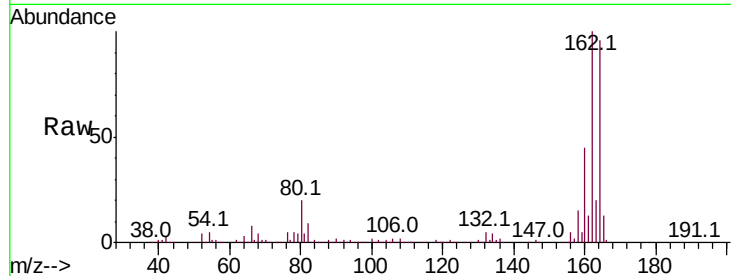
Tot Ion:164 Resp: 209432

Ion Ratio Lower Upper

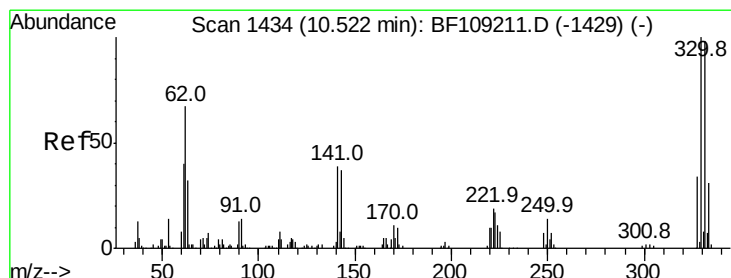
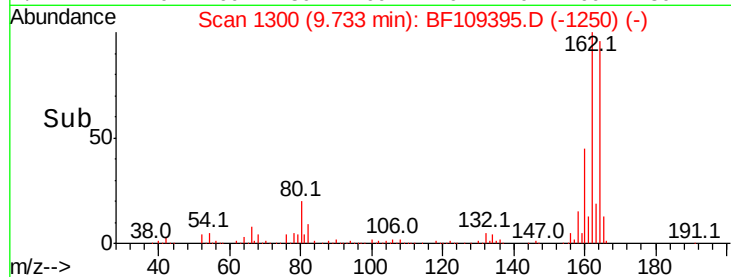
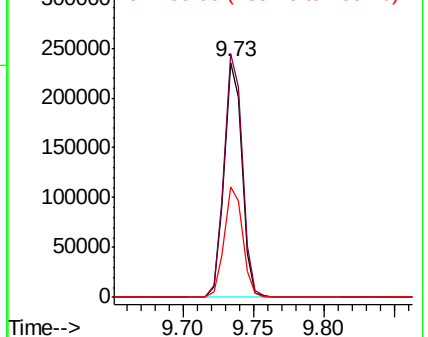
164 100

162 103.7 86.1 129.1

160 46.8 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: 83.312 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

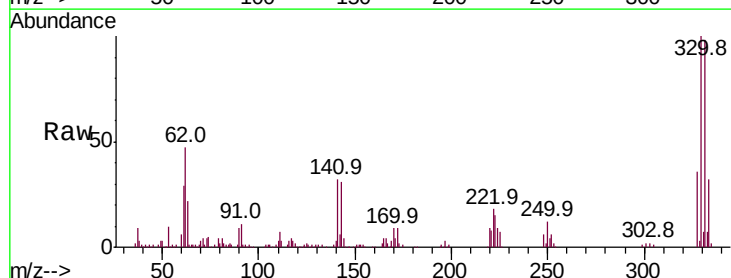
Tgt Ion:330 Resp: 172003

Ion Ratio Lower Upper

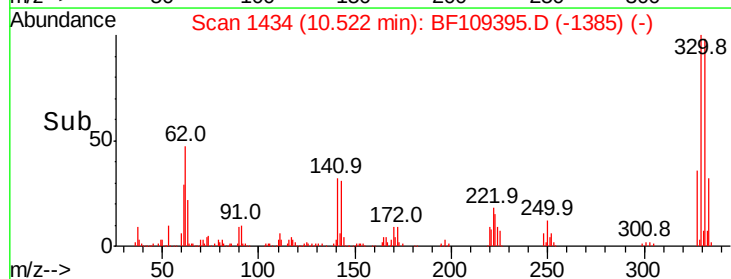
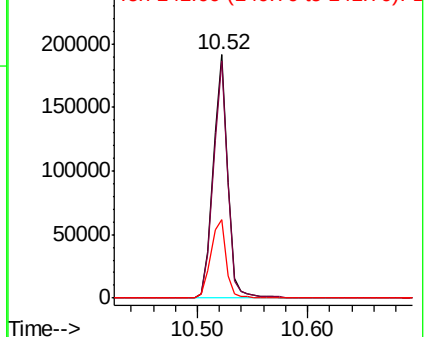
330 100

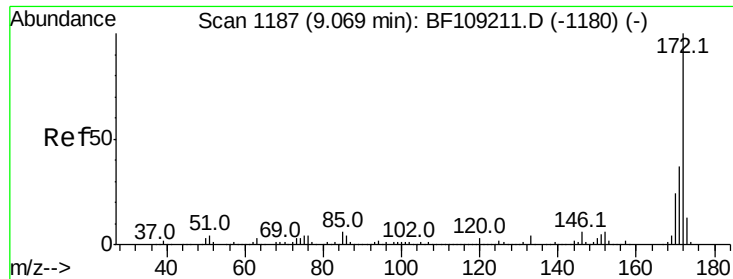
332 96.8 77.0 115.6

141 34.6 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

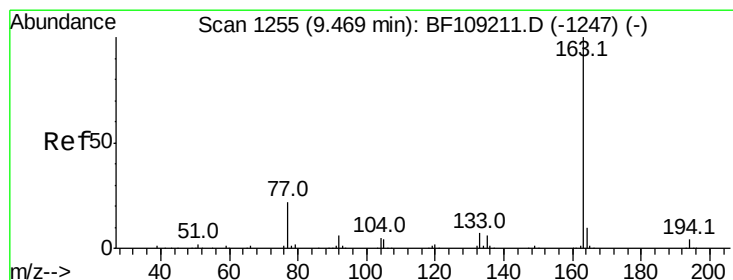
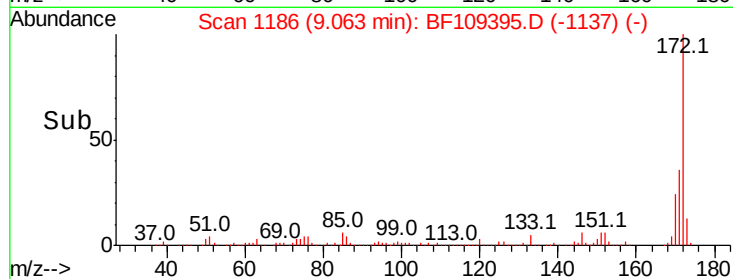
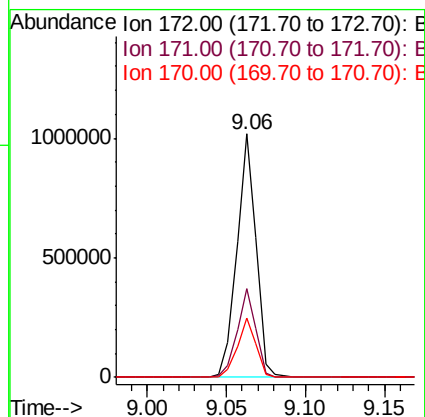
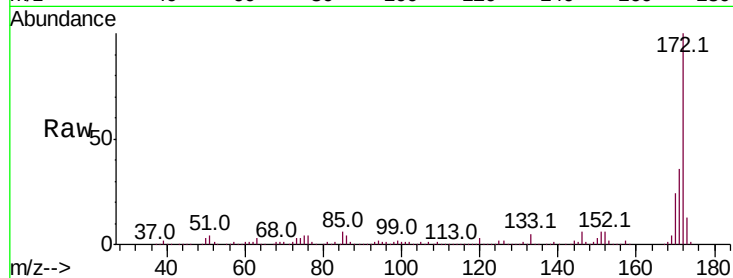




#44
2-Fluorobiphenyl
Concen: 61.576 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

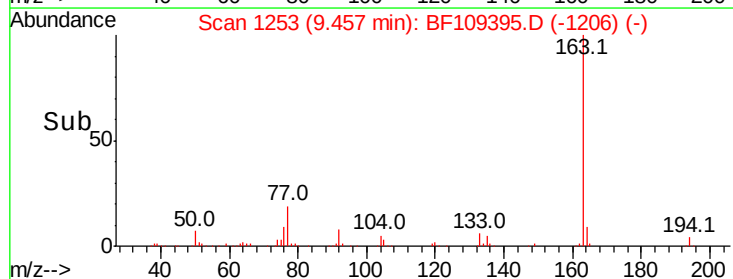
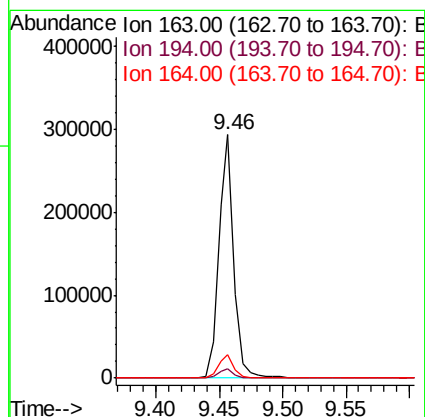
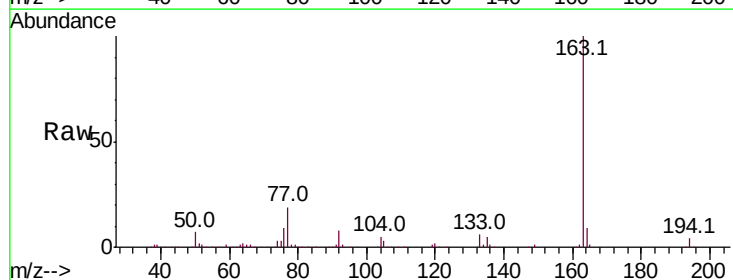
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-FD01

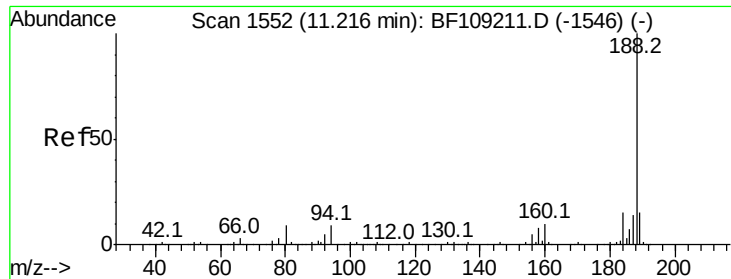
Tot Ion:172 Resp: 855064
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 15.904 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion:163 Resp: 242255
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 8.2 12.2

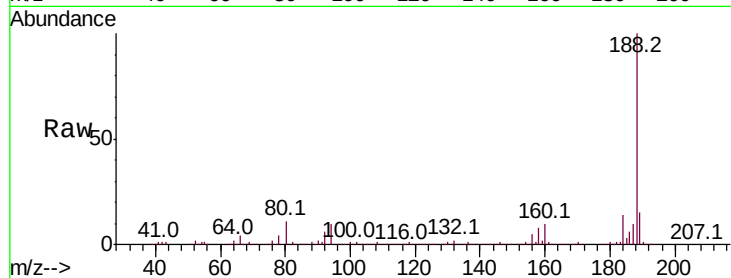




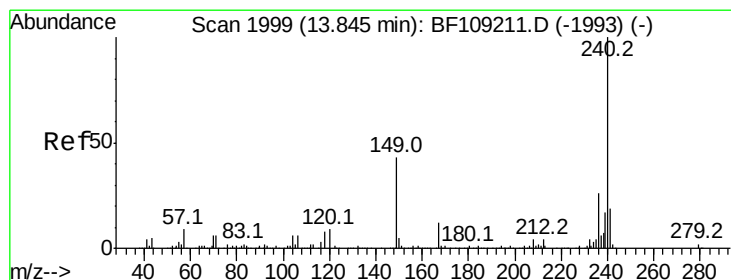
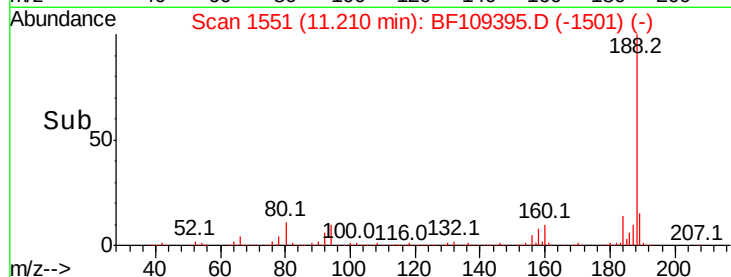
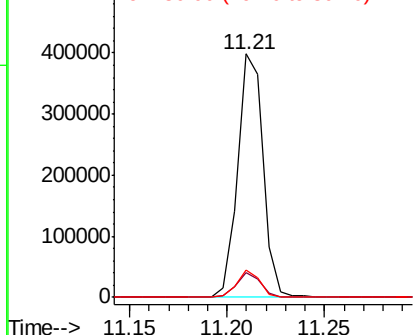
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Instrument :
BNA_F
ClientSampled :
EP1-Q1-FD01

Tot Ion:188 Resp: 361072
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8

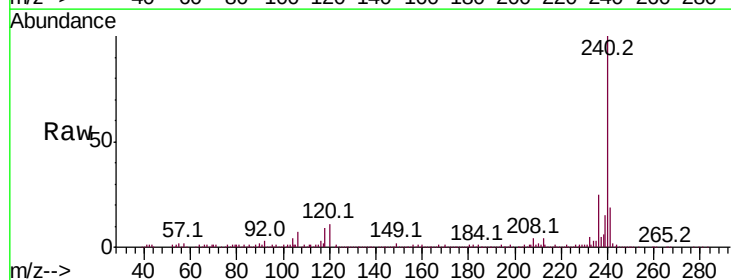


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

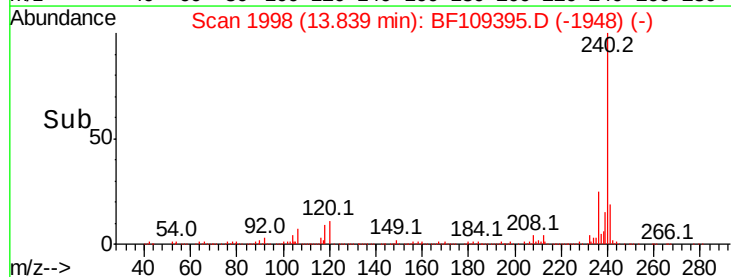
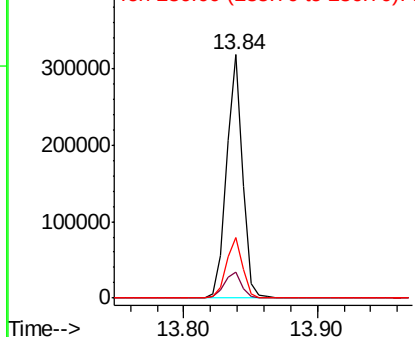


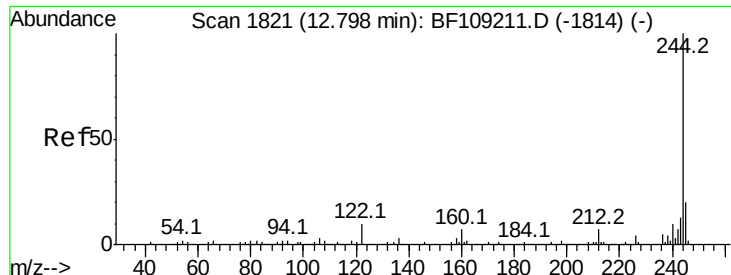
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109395.D
Acq: 27 Sep 2018 18:49

Tgt Ion:240 Resp: 268859
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.1 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: 61.951 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-FD01

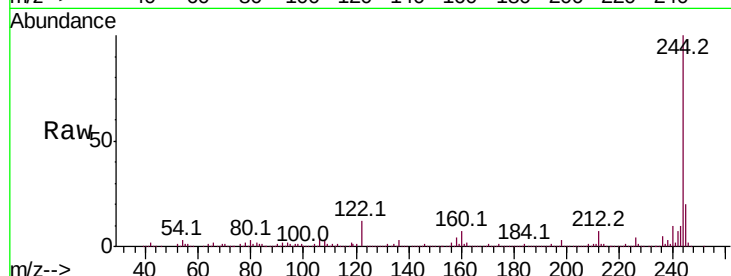
Tot Ion:244 Resp: 678683

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

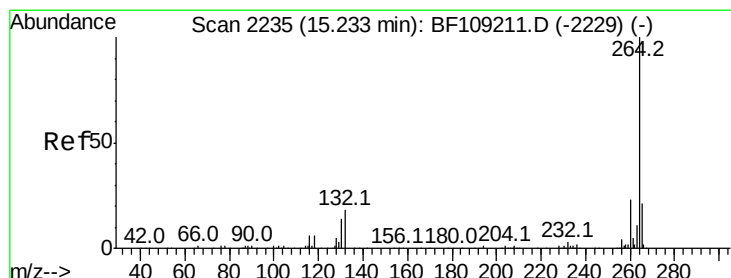
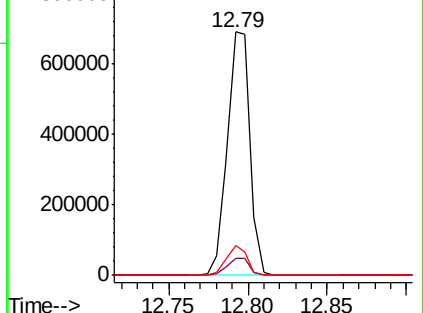
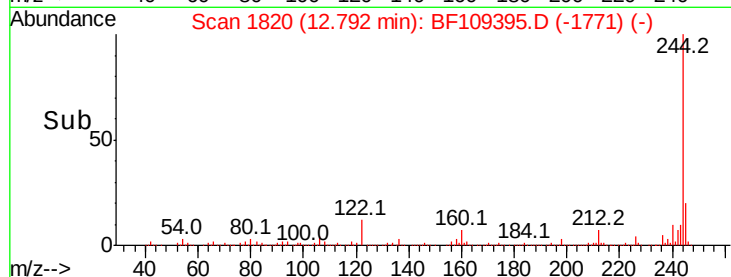
122 12.2 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109395.D

Acq: 27 Sep 2018 18:49

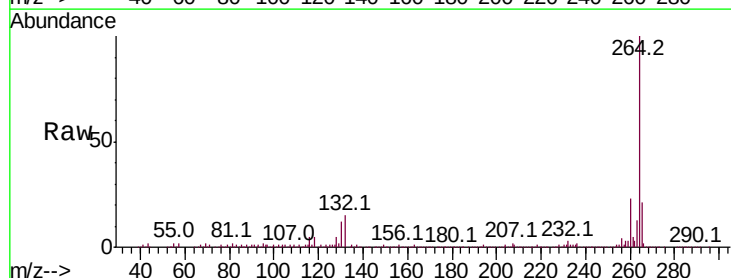
Tgt Ion:264 Resp: 277263

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

