

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111659.D
 Acq On : 21 Dec 2018 00:41
 Operator : JU/SJ
 Sample : J6447-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Quant Time: Dec 21 06:23:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

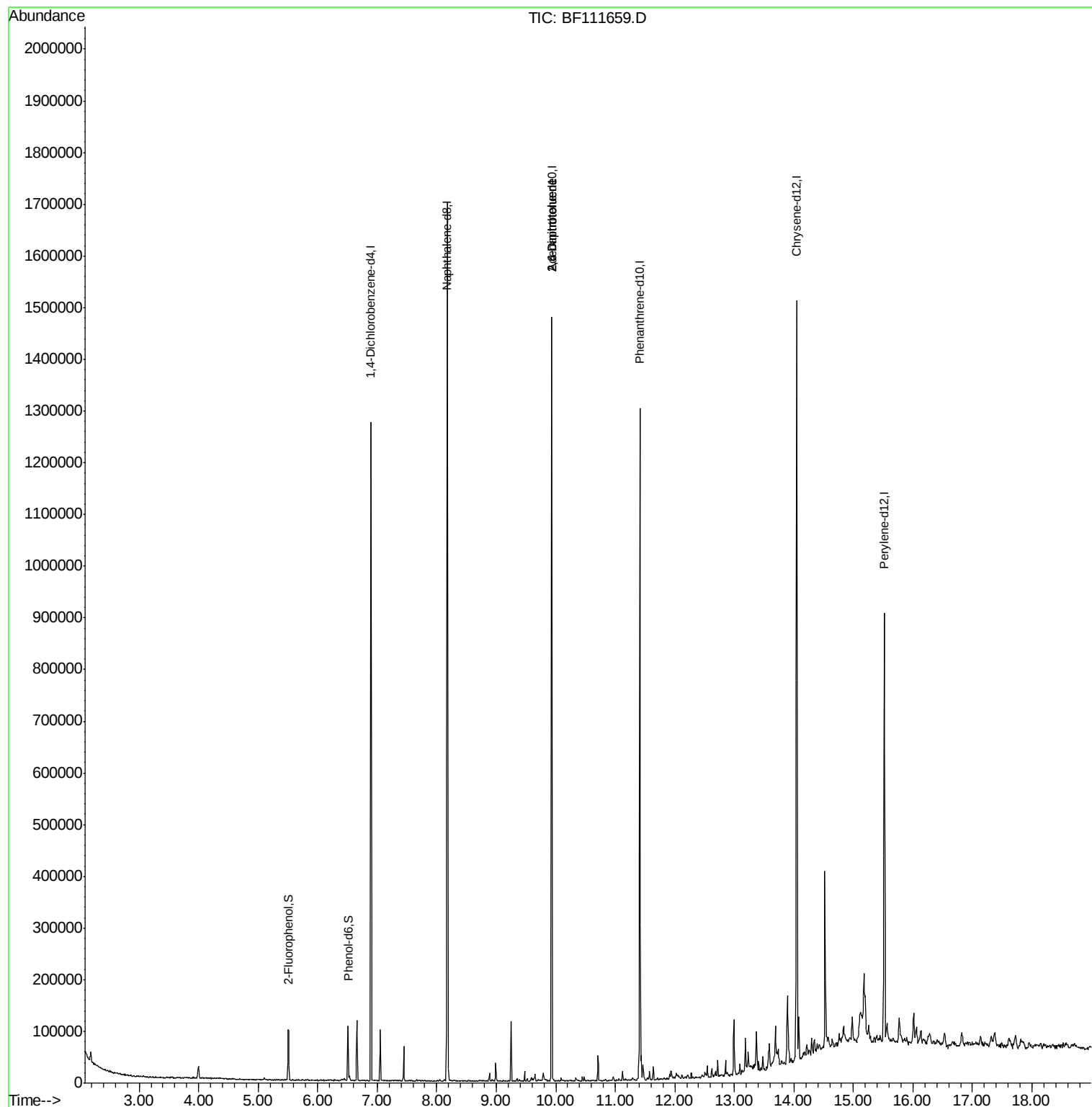
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190946	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	711926	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	305179	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	479404	20.00	ng	0.00
76) Chrysene-d12	14.04	240	500120	20.00	ng	0.00
87) Perylene-d12	15.52	264	378497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	25087	2.24	ng	-0.01
7) Phenol-d6	6.51	99	30878	2.17	ng	-0.01
23) Nitrobenzene-d5	7.45	82	16805	1.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	5421	1.50	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	36137	1.73	ng	0.00
79) Terphenyl-d14	12.99	244	31617	1.20	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.93	165	39484	8.873	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	39484	7.383	ng	# 24

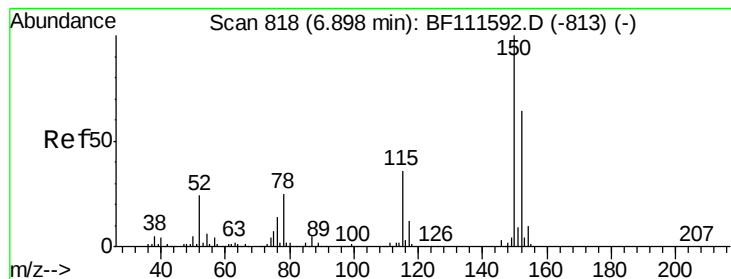
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Instrument :

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ClientSampleId :

P001-SS024-0612-01

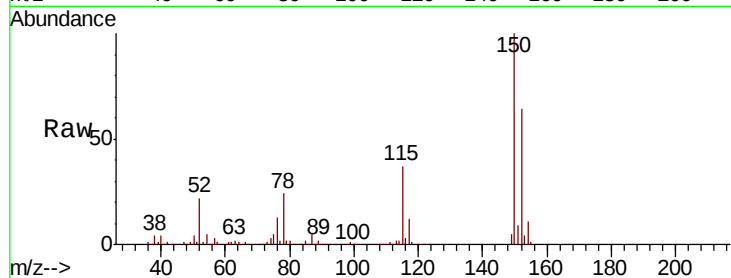
Tgt Ion:152 Resp: 190946

Ion Ratio Lower Upper

152 100

150 156.8 126.6 189.8

115 57.5 50.7 76.1



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

400000

300000

200000

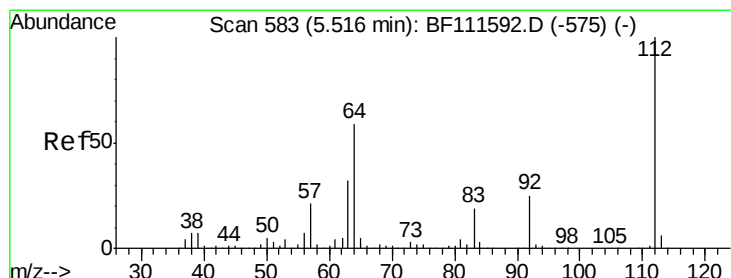
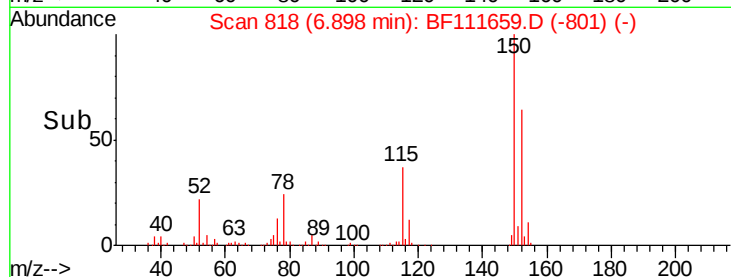
100000

0

6.85

6.90

Time-->



#5

2-Fluorophenol

Concen: 2.239 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

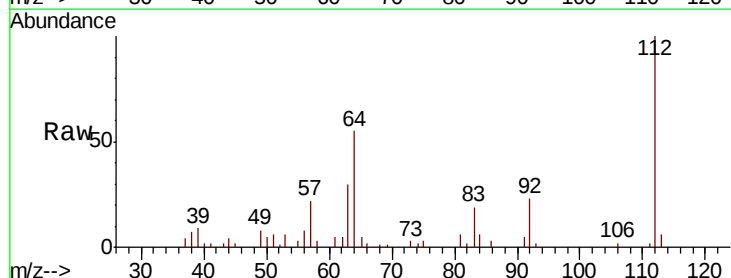
Tgt Ion:112 Resp: 25087

Ion Ratio Lower Upper

112 100

64 54.9 51.8 77.6

63 29.8 26.8 40.2



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

30000

20000

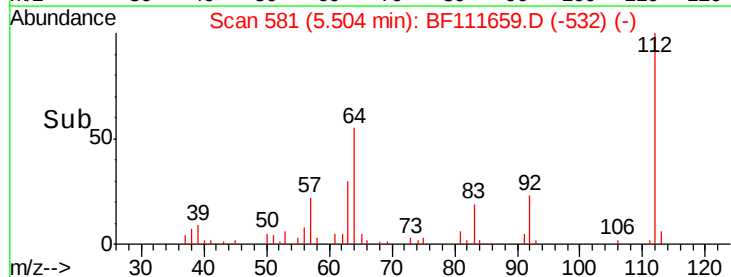
10000

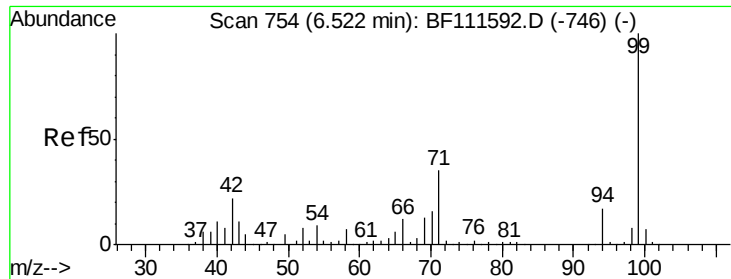
0

5.50

5.55

Time-->





#7

Phenol-d6

Concen: 2.166 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

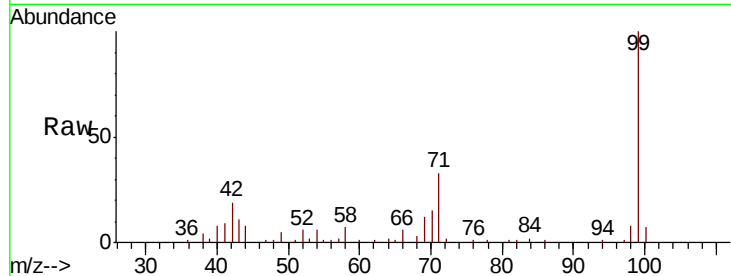
Tgt Ion: 99 Resp: 30878

Ion Ratio Lower Upper

99 100

42 19.2 17.4 26.0

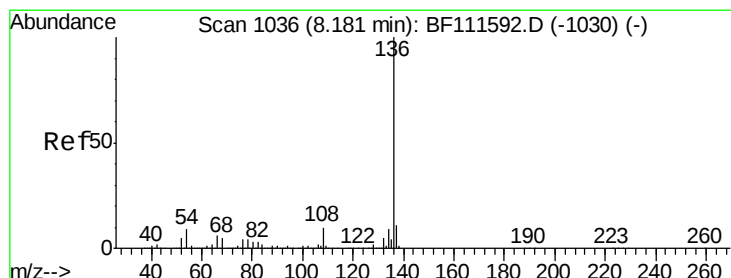
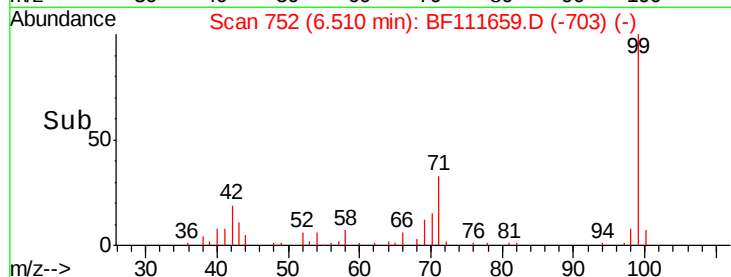
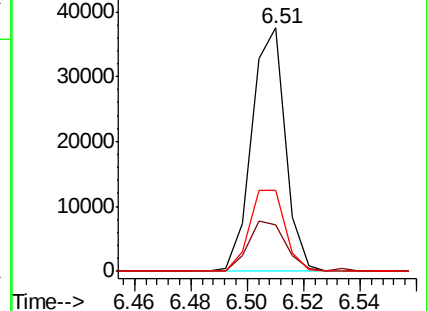
71 33.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Tgt Ion: 136 Resp: 711926

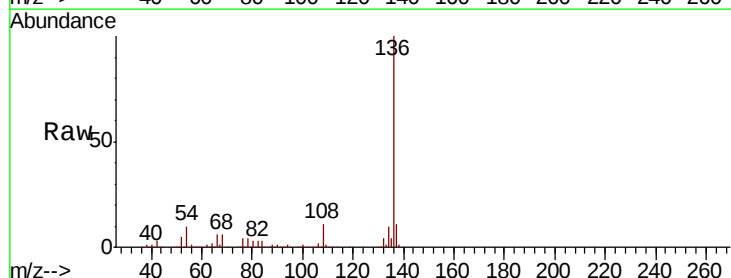
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.7 7.7 11.5

68 5.8 4.9 7.3

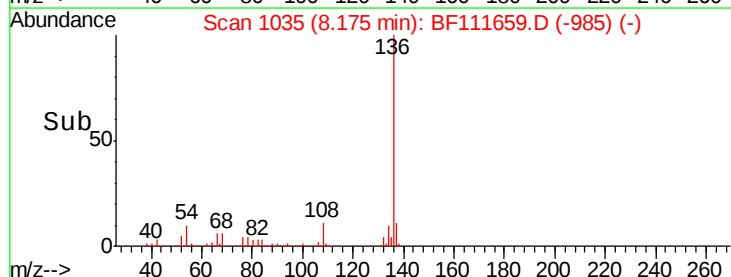
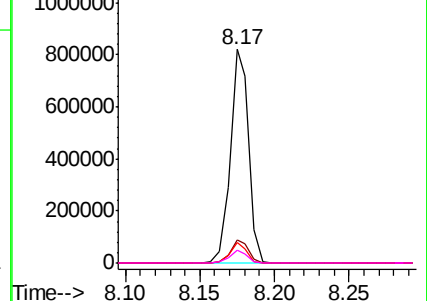


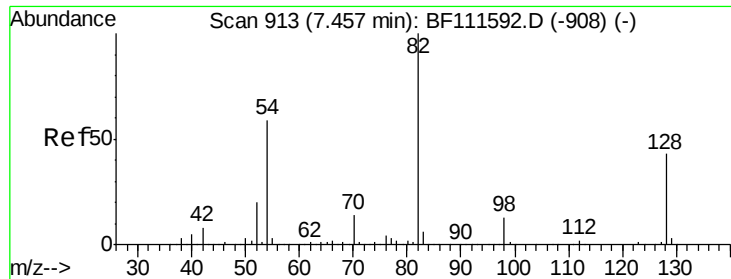
Abundance Ion 136.00 (135.70 to 136.70): E

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

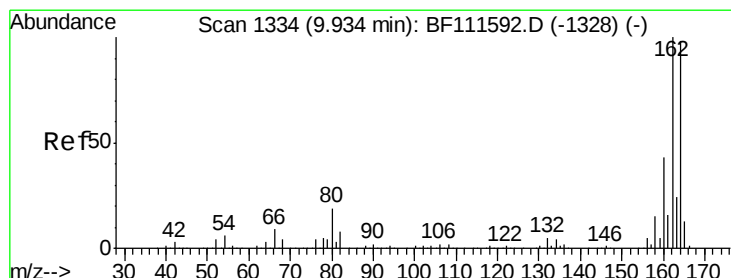
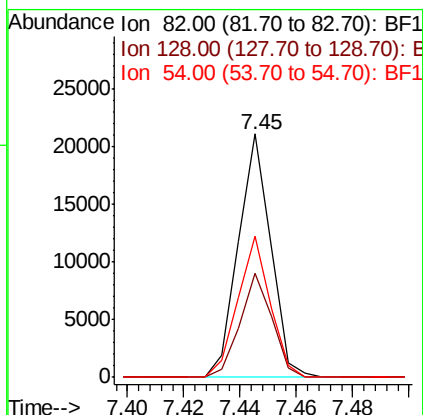
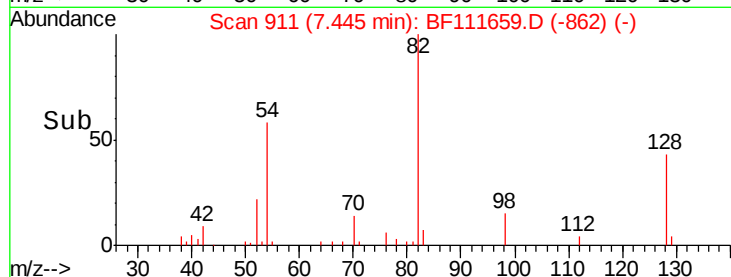
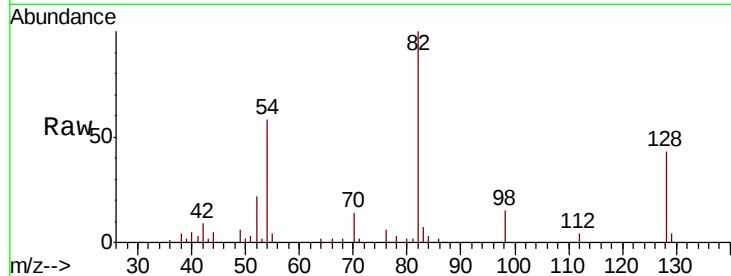




#23
 Nitrobenzene-d5
 Concen: 1.374 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111659.D
 Acq: 21 Dec 2018 00:41

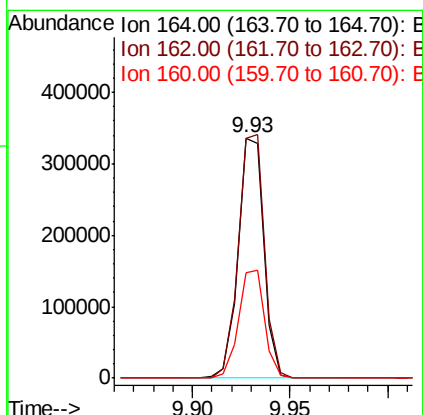
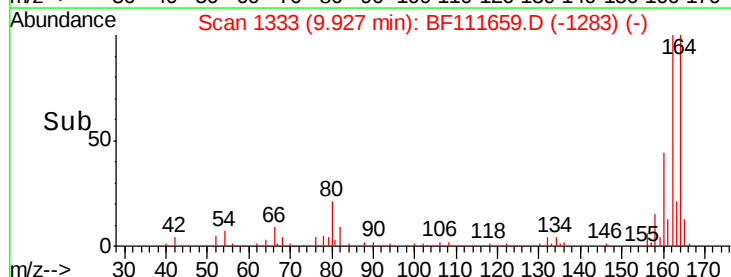
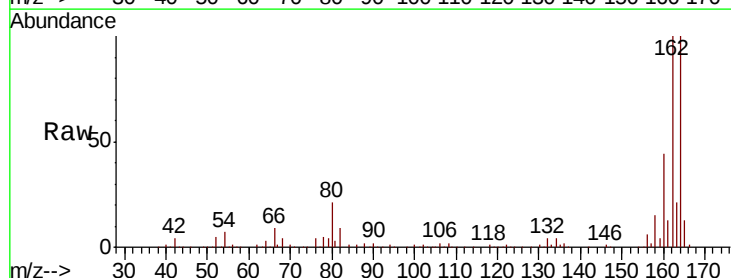
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

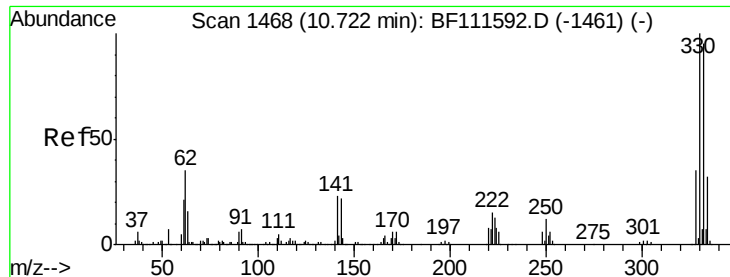
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.4	56.2
54	58.3	47.6	71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111659.D
 Acq: 21 Dec 2018 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	43.9	35.7	53.5

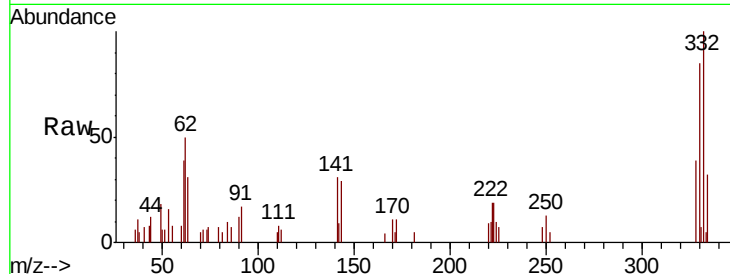




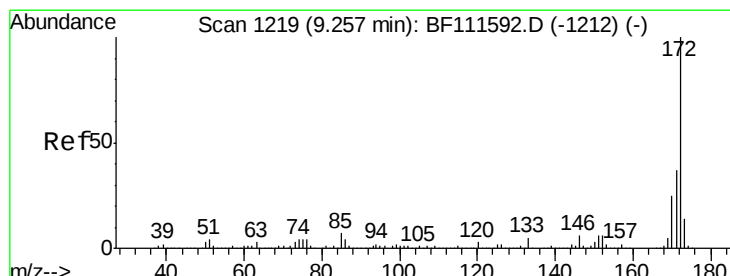
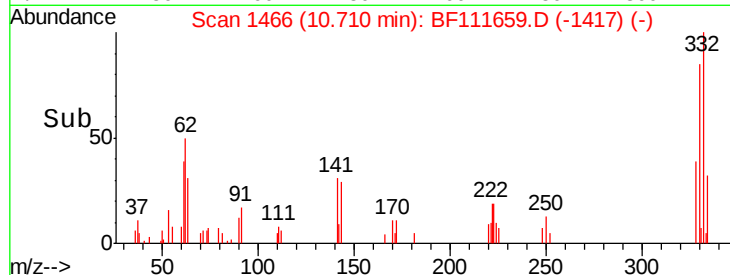
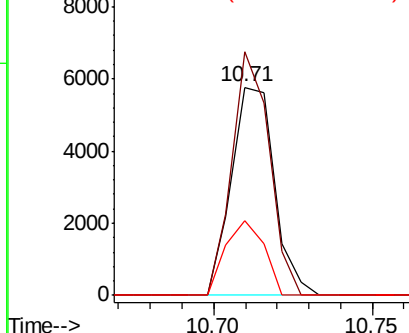
#42
 2,4,6-Tribromophenol
 Concen: 1.503 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111659.D
 Acq: 21 Dec 2018 00:41

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Tgt Ion:330 Resp: 5421
 Ion Ratio Lower Upper
 330 100
 332 100.9 76.0 114.0
 141 32.0 31.0 46.6

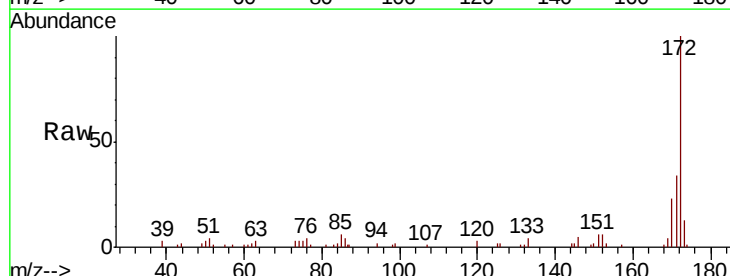


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

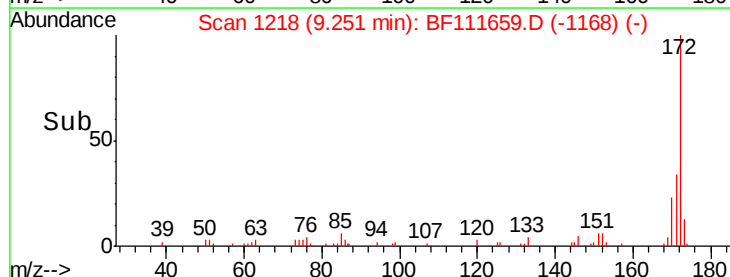
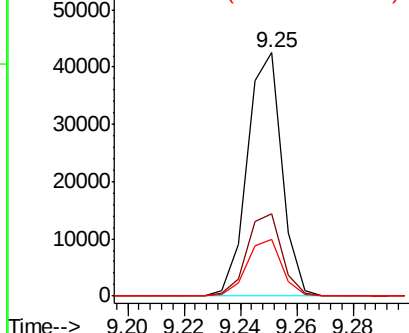


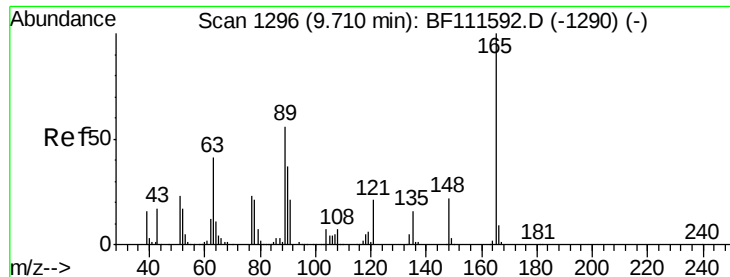
#45
 2-Fluorobiphenyl
 Concen: 1.726 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111659.D
 Acq: 21 Dec 2018 00:41

Tgt Ion:172 Resp: 36137
 Ion Ratio Lower Upper
 172 100
 171 33.9 33.0 49.4
 170 23.2 22.3 33.5



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





#51

2,6-Dinitrotoluene

Concen: 8.873 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

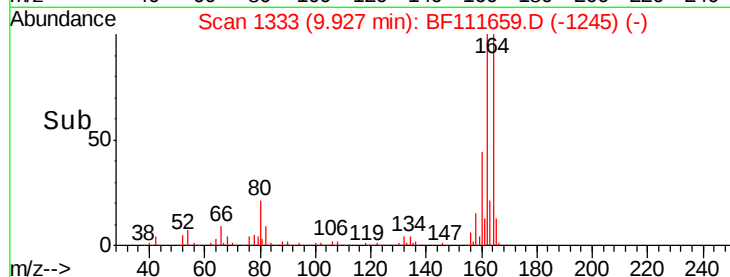
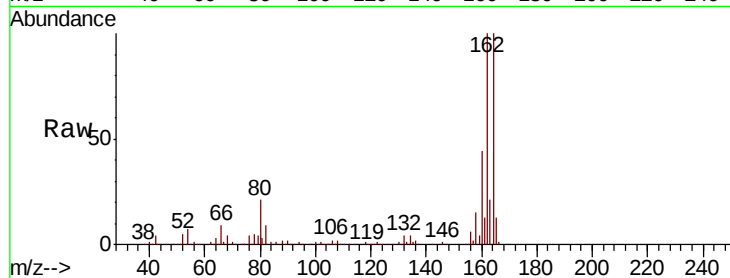
Tgt Ion:165 Resp: 39484

Ion Ratio Lower Upper

165 100

63 1.1 40.5 60.7#

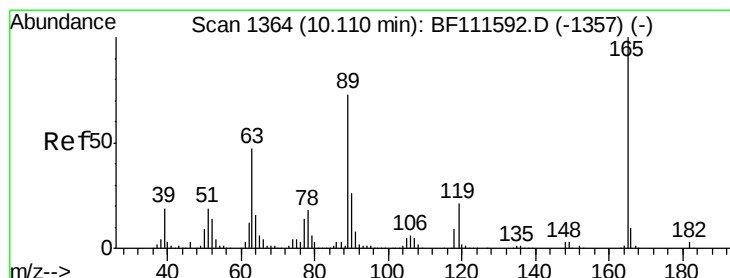
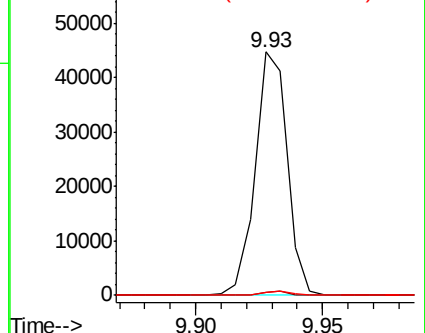
89 1.3 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 7.383 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Tgt Ion:165 Resp: 39484

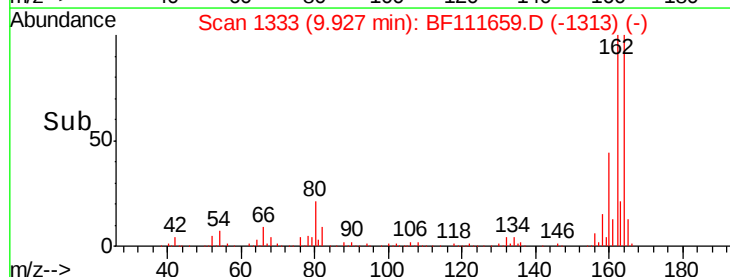
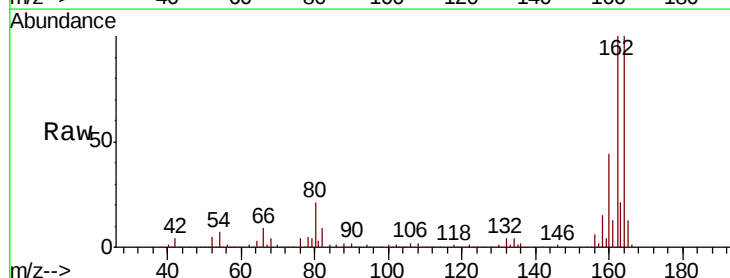
Ion Ratio Lower Upper

165 100

63 1.1 34.6 52.0#

89 1.3 56.2 84.4#

182 0.0 1.8 2.6#

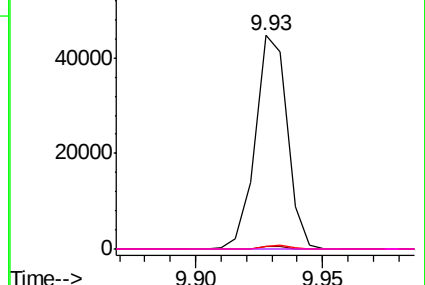


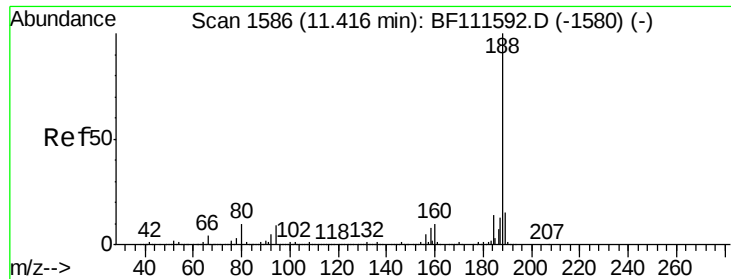
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0612-01

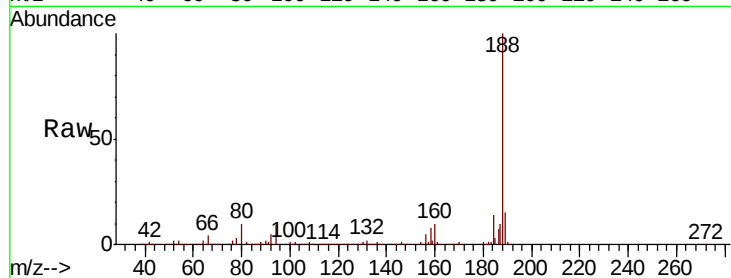
Tgt Ion:188 Resp: 479404

Ion Ratio Lower Upper

188 100

94 9.4 9.6 14.4#

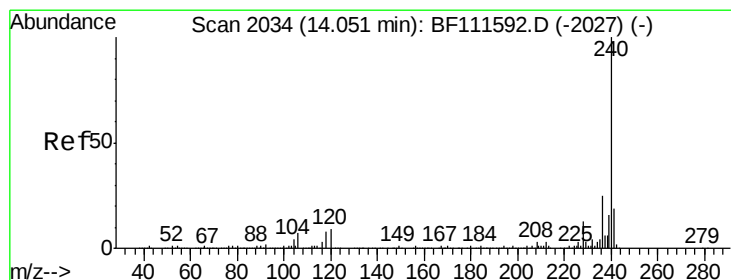
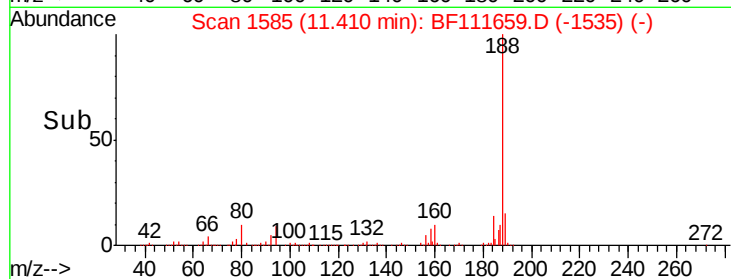
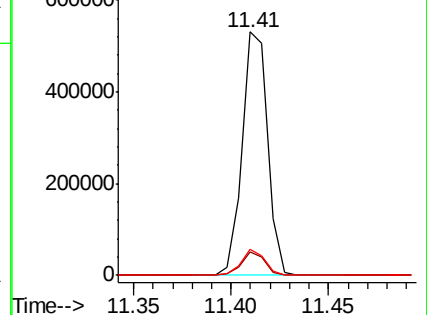
80 10.5 9.8 14.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

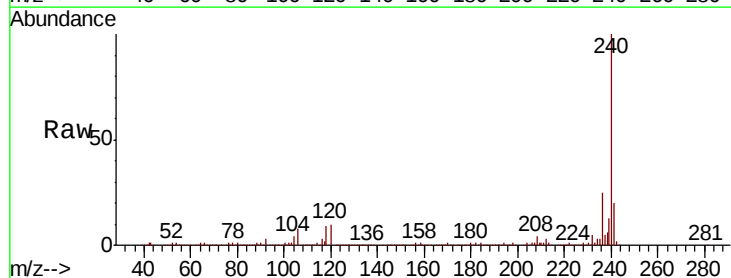
Tgt Ion:240 Resp: 500120

Ion Ratio Lower Upper

240 100

120 10.4 12.2 18.2#

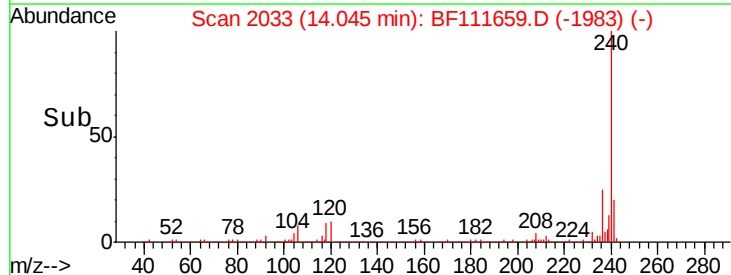
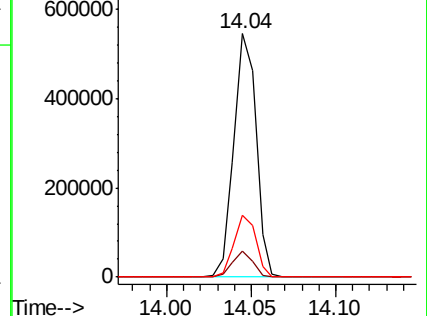
236 25.5 20.2 30.2

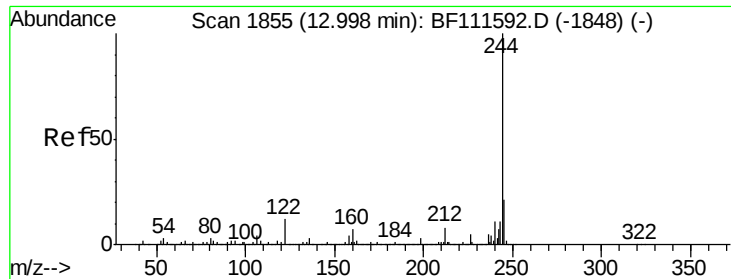


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.199 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

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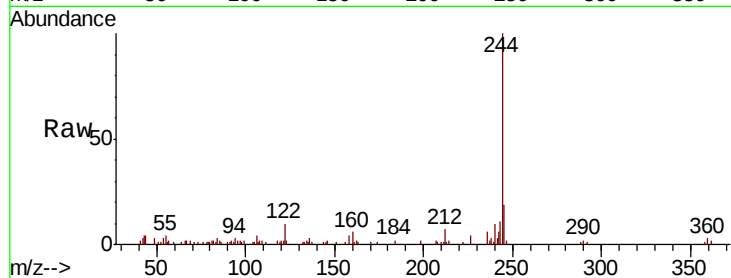
Tgt Ion:244 Resp: 31617

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

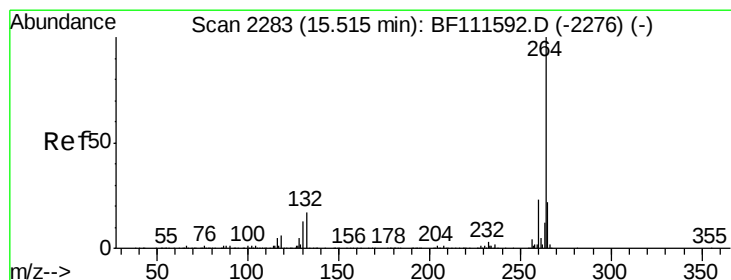
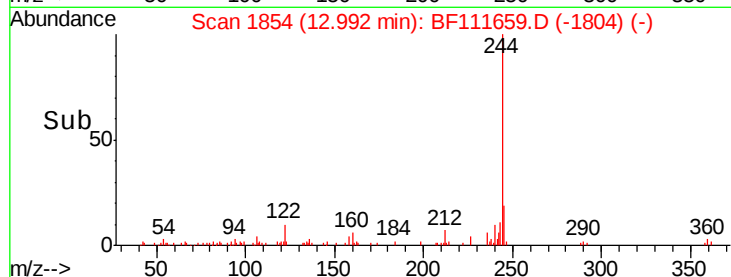
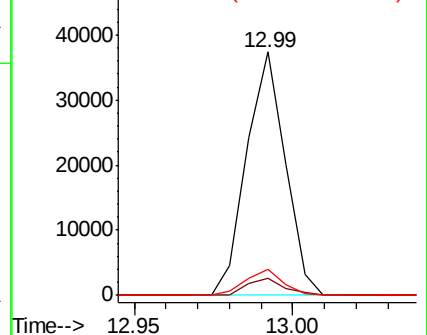
122 10.4 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111659.D

Acq: 21 Dec 2018 00:41

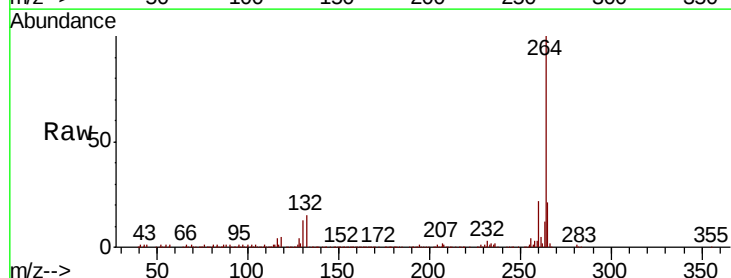
Tgt Ion:264 Resp: 378497

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.2 17.7 26.5



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

