

Data File : BF093236.D
Acq On : 28 Feb 2017 5:49
Operator : SJ/MA
Sample : I1997-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W5-BASE

Quant Time: Feb 28 06:20:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140122	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	523589	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	206033	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	327116	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	262554	20.00	ng	-0.03
86) Perylene-d12	15.43	264	179769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	62799	7.69	ng	-0.02
7) Phenol-d6	6.48	99	76713	7.30	ng	-0.01
23) Nitrobenzene-d5	7.39	82	51510	5.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	9433	6.33	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	94249	8.29	ng	-0.03
78) Terphenyl-d14	12.93	244	68771	6.15	ng	-0.03
Target Compounds						
25) Isophorone	7.39	82	47756	2.73	ng	# 65
69) Pentachlorophenol	11.38	266	208	7.31	ng	# 18

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

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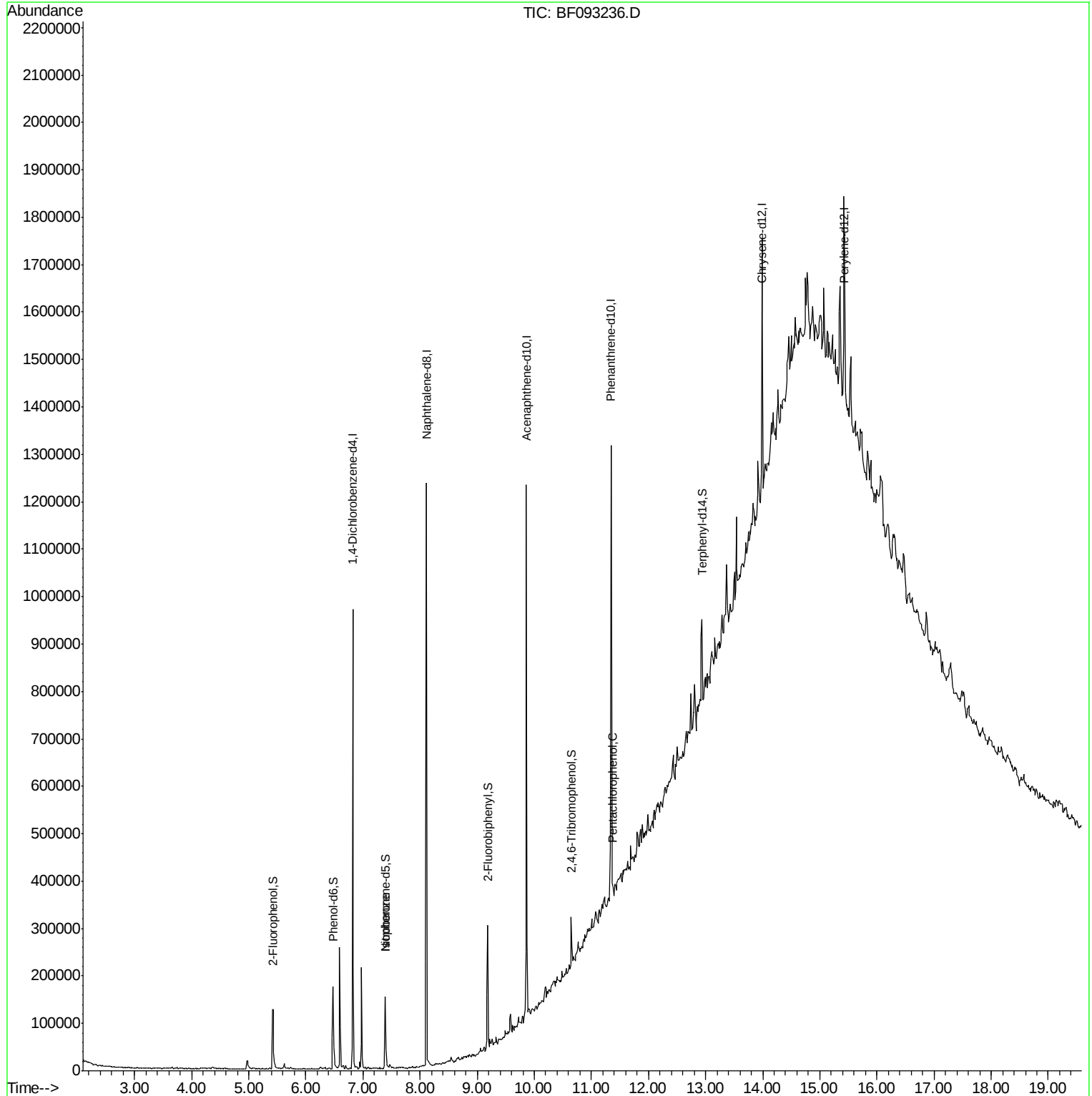
Quant Time: Feb 28 06:20:03 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

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Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

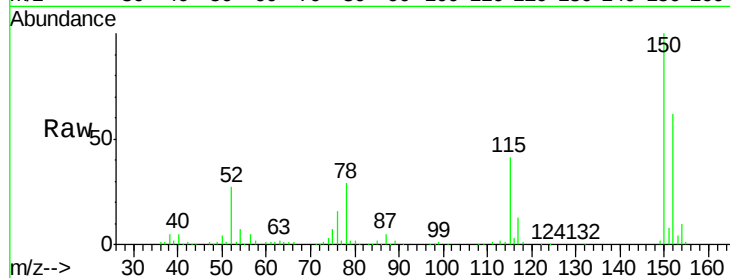
Tgt Ion:152 Resp: 140122

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

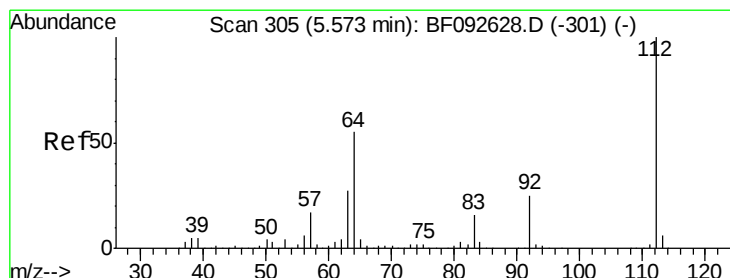
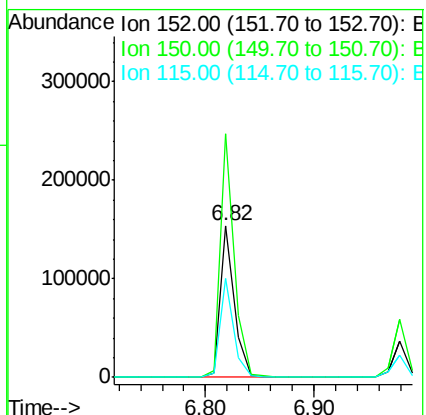
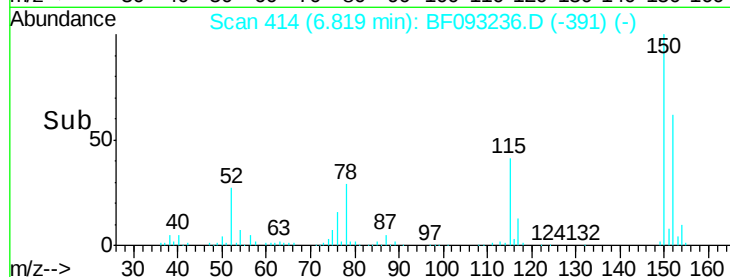
115 65.2 46.0 69.0



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: 7.69 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

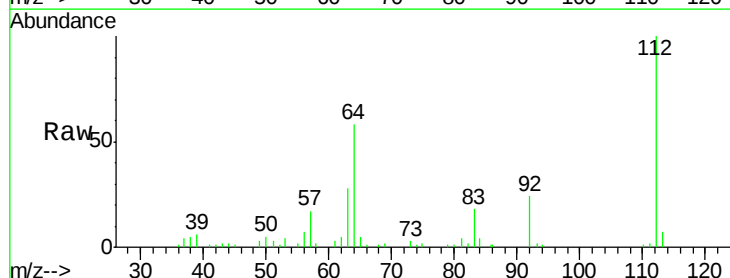
Tgt Ion:112 Resp: 62799

Ion Ratio Lower Upper

112 100

64 58.2 46.1 69.1

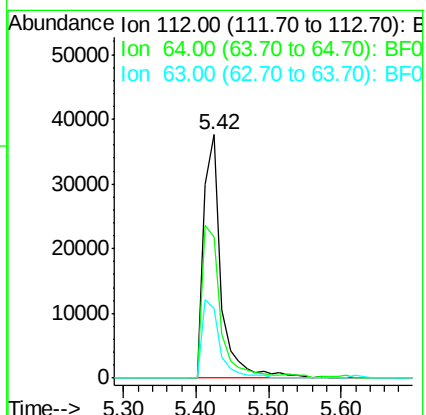
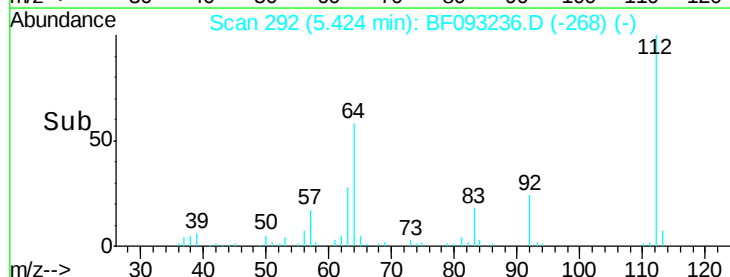
63 28.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.30 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

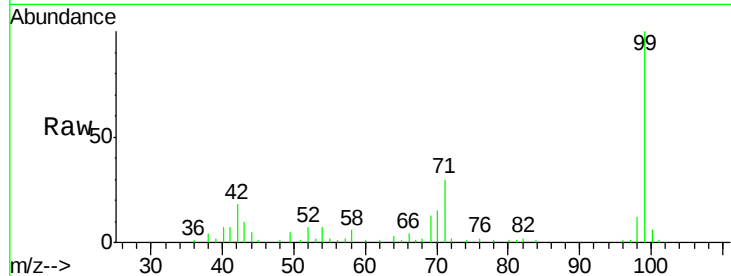
Tgt Ion: 99 Resp: 76713

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

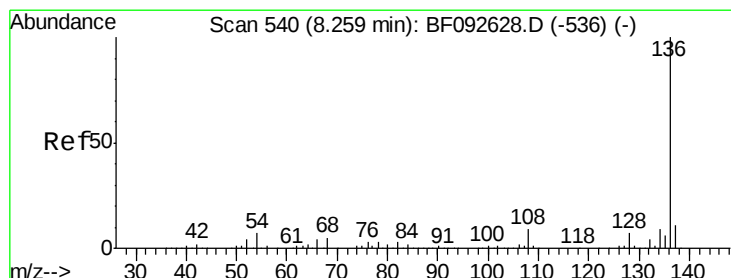
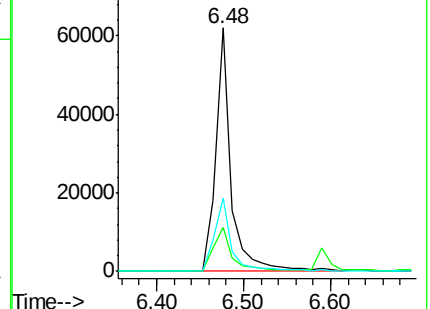
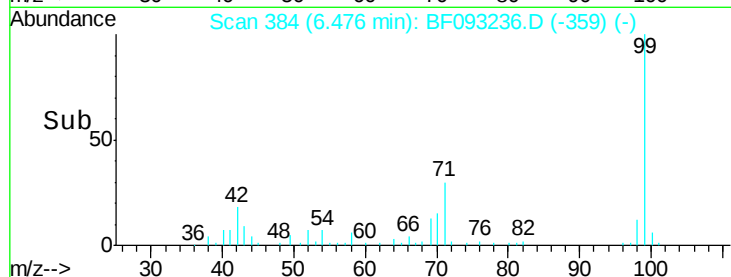
71 29.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Tgt Ion: 136 Resp: 523589

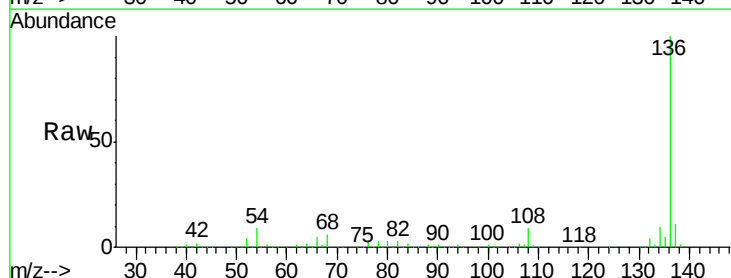
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

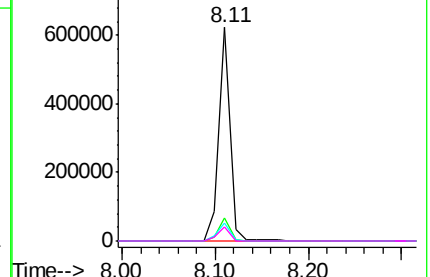
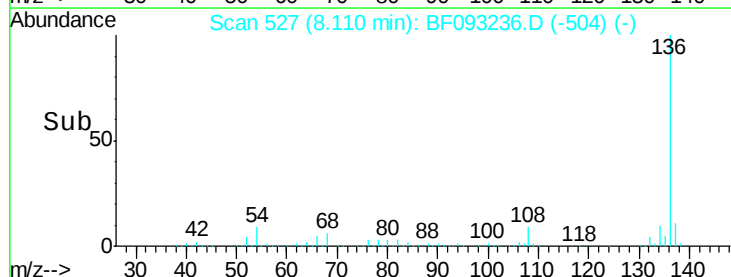


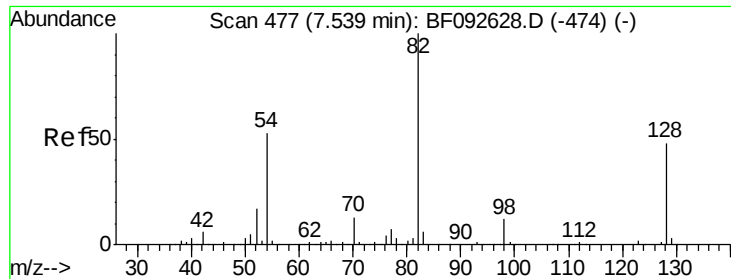
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

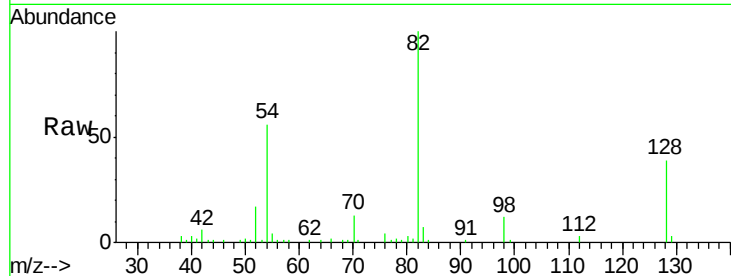




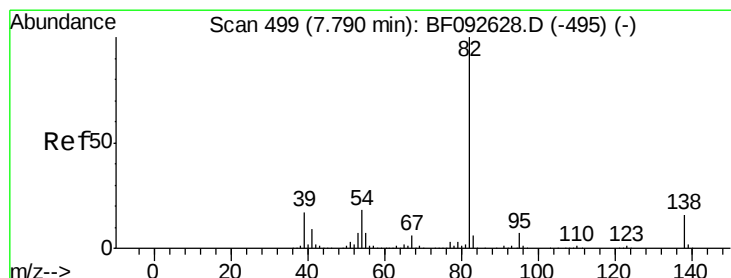
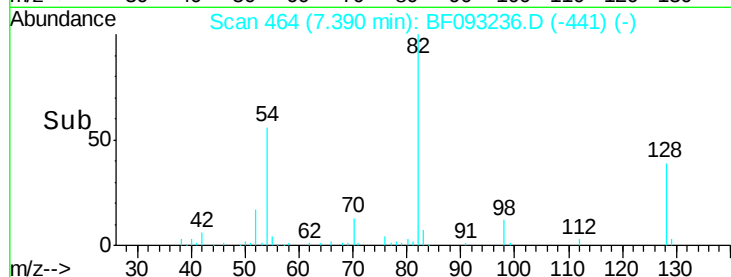
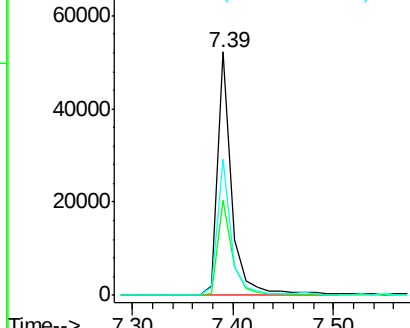
#23
Nitrobenzene-d5
Concen: 5.48 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093236.D
Acq: 28 Feb 2017 5:49

Instrument :
BNA_F
ClientSampleId :
E2-W5-BASE

Tgt Ion: 82 Resp: 51510
Ion Ratio Lower Upper
82 100
128 39.2 34.6 52.0
54 56.0 39.5 59.3

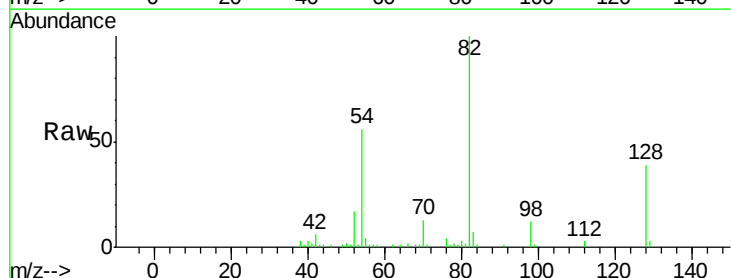


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

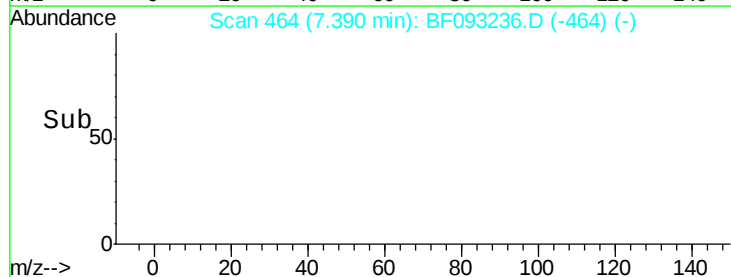
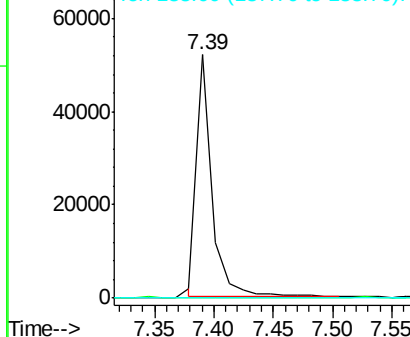


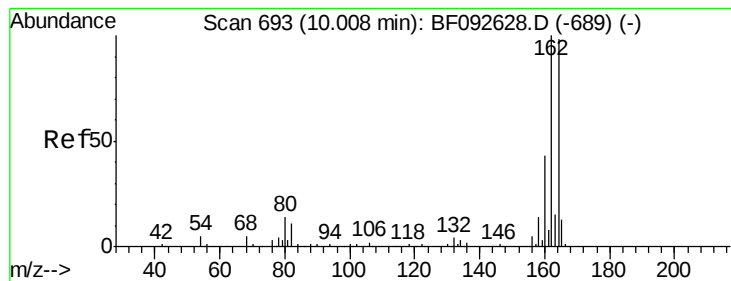
#25
Isophorone
Concen: 2.73 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.30 min
Lab File: BF093236.D
Acq: 28 Feb 2017 5:49

Tgt Ion: 82 Resp: 47756
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

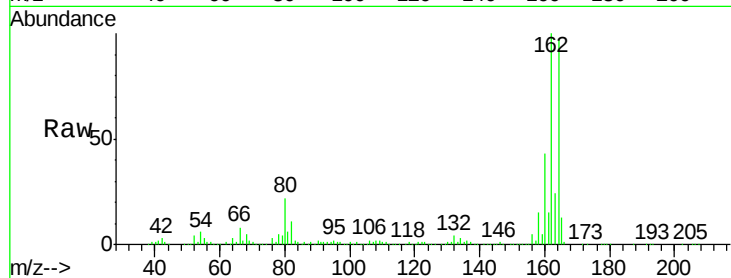
Tgt Ion:164 Resp: 206033

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

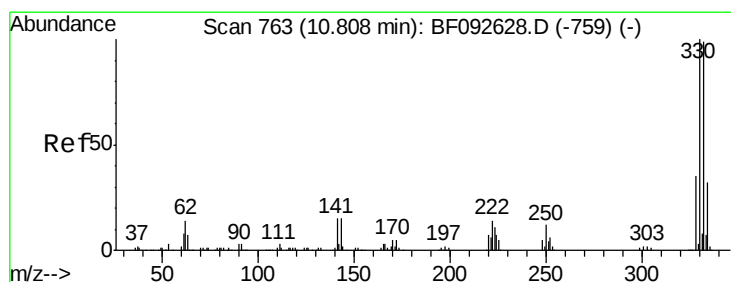
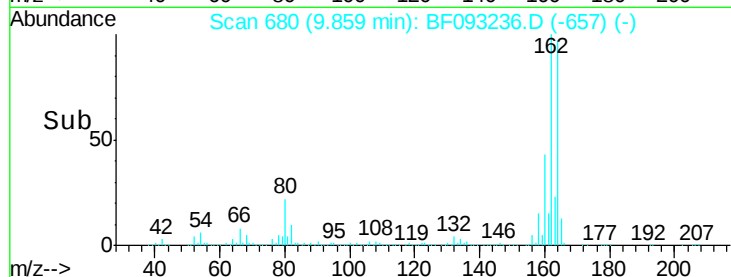
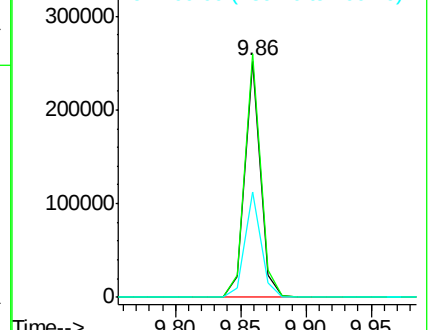
160 44.7 36.9 55.3



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: 6.33 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

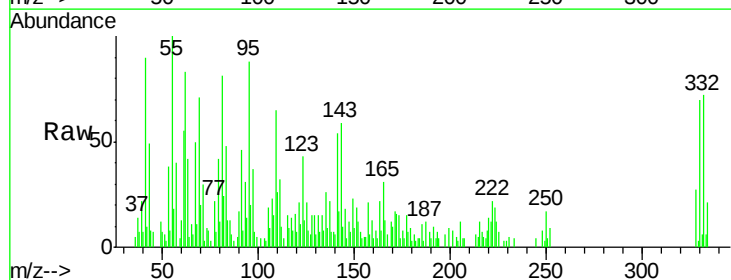
Tgt Ion:330 Resp: 9433

Ion Ratio Lower Upper

330 100

332 101.4 77.4 116.2

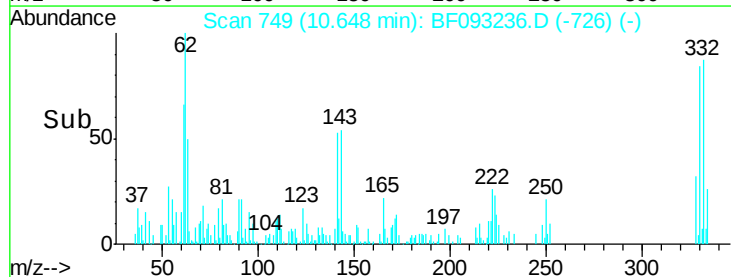
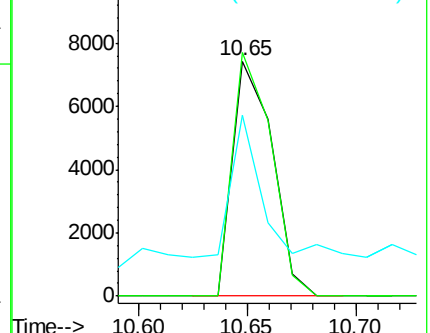
141 71.6 34.1 51.1#

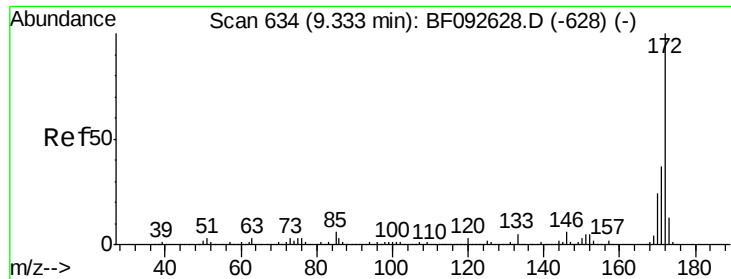


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

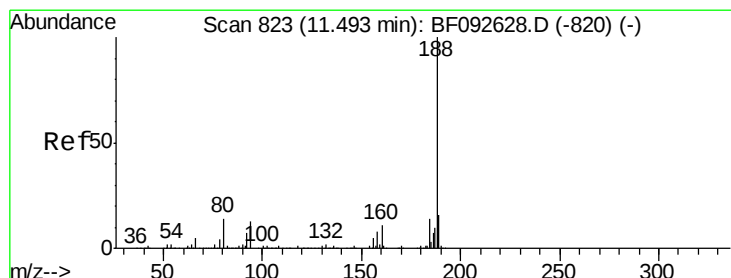
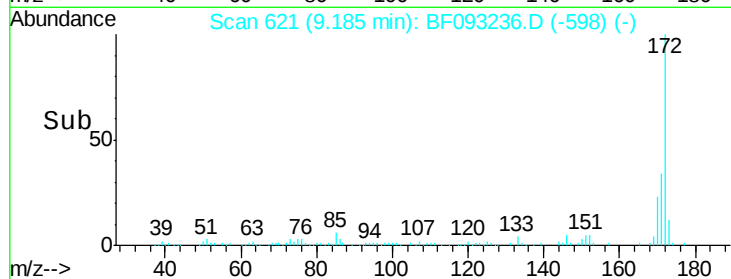
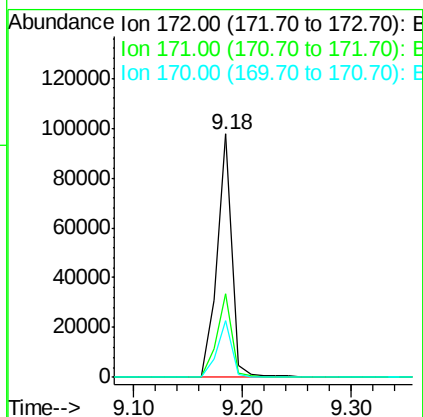
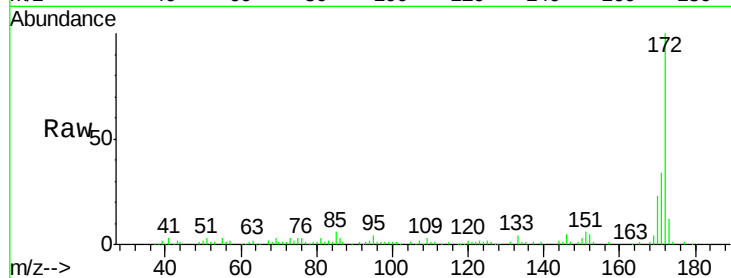




#44
 2-Fluorobiphenyl
 Concen: 8.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

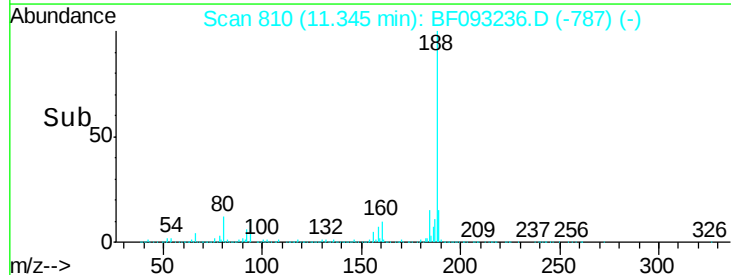
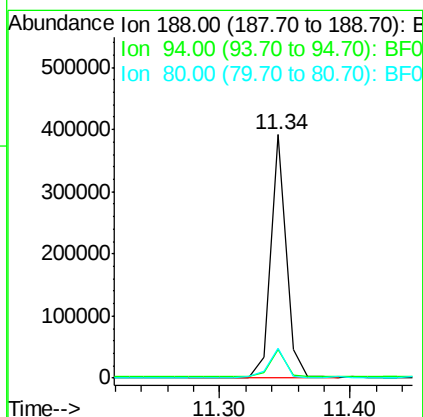
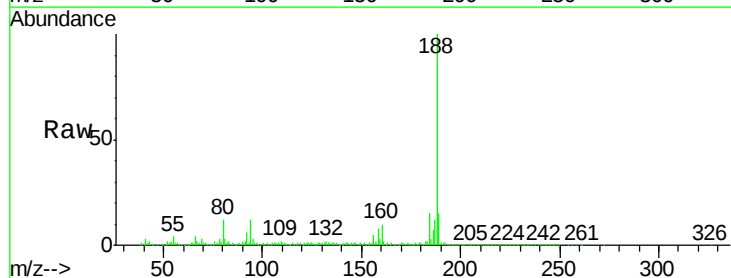
Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

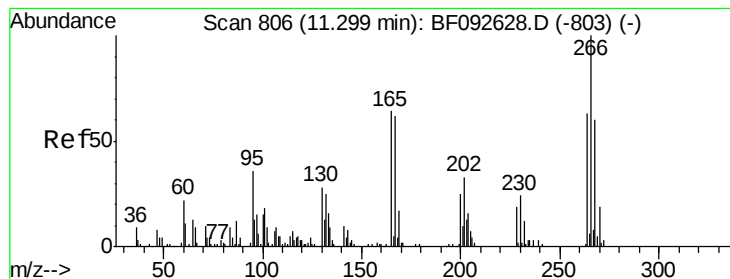
Tgt Ion:172 Resp: 94249
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.0
 170 23.2 20.2 30.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

Tgt Ion:188 Resp: 327116
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.0 15.0
 80 12.4 11.2 16.8





#69

Pentachlorophenol

Concen: 7.31 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.19 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

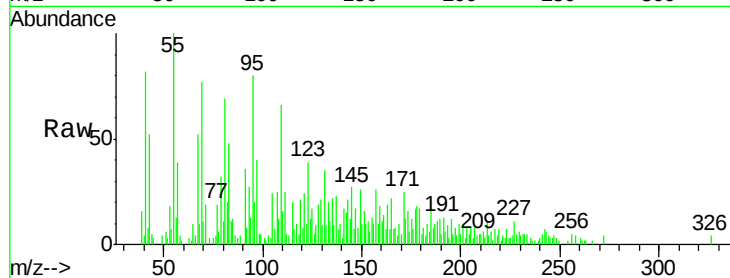
Tgt Ion:266 Resp: 208

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

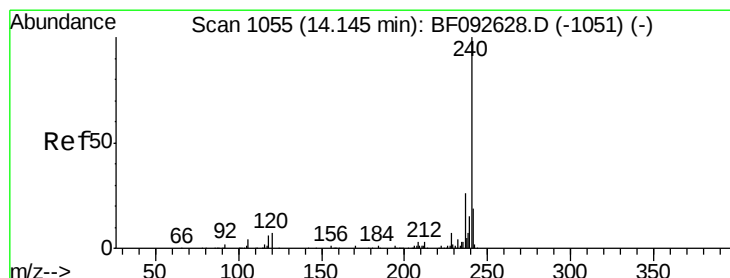
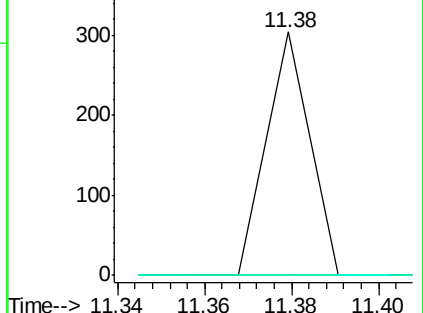
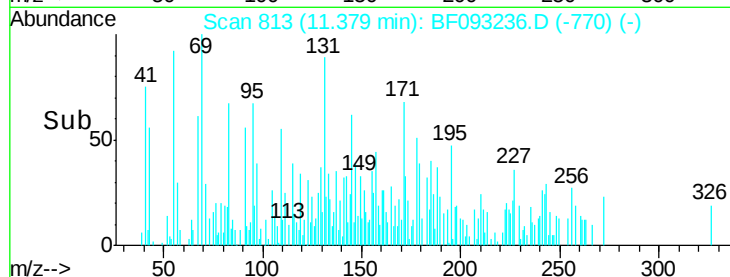
264 0.0 50.3 75.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

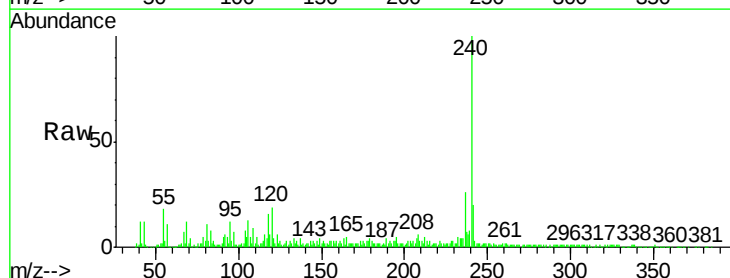
Tgt Ion:240 Resp: 262554

Ion Ratio Lower Upper

240 100

120 19.4 12.9 19.3#

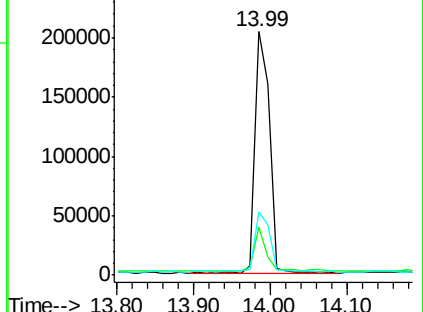
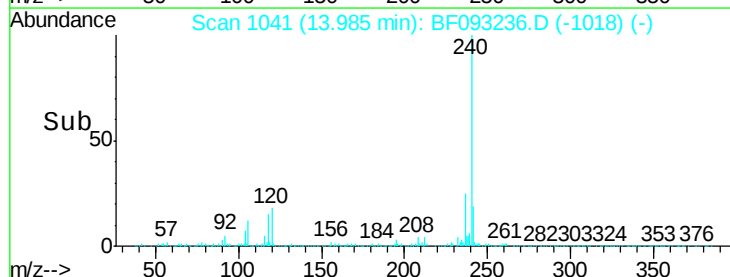
236 25.9 20.9 31.3

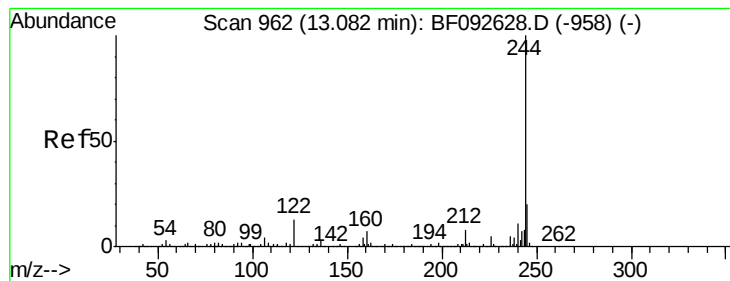


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.15 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

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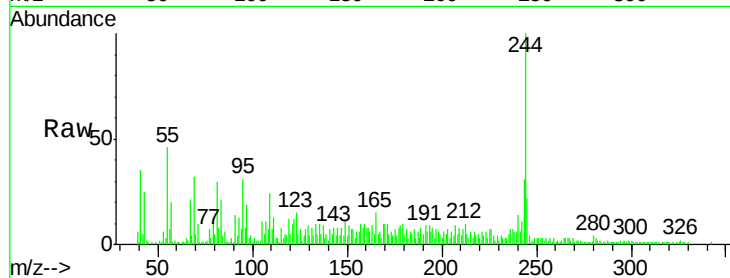
Tgt Ion:244 Resp: 68771

Ion Ratio Lower Upper

244 100

212 9.8 6.2 9.2#

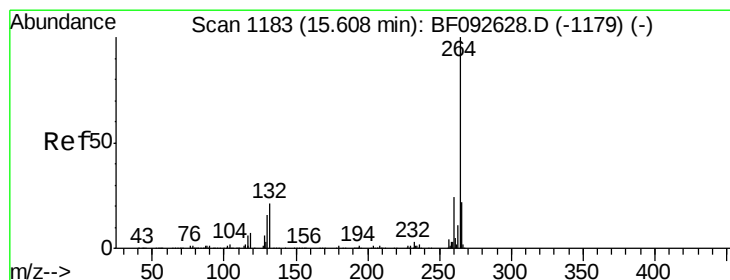
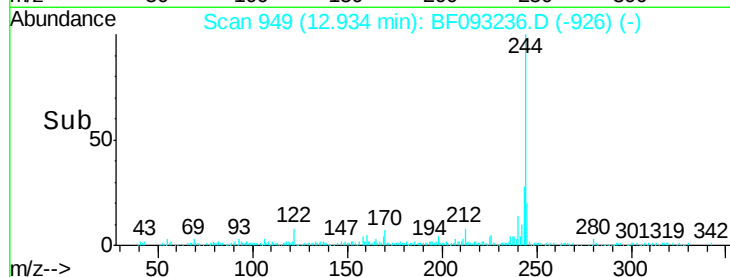
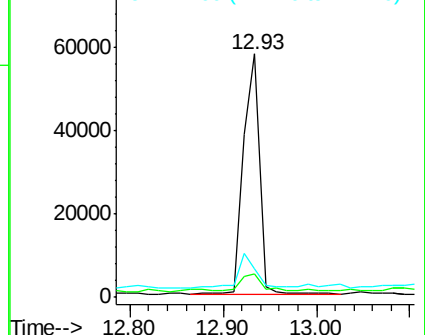
122 12.0 11.4 17.2



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: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

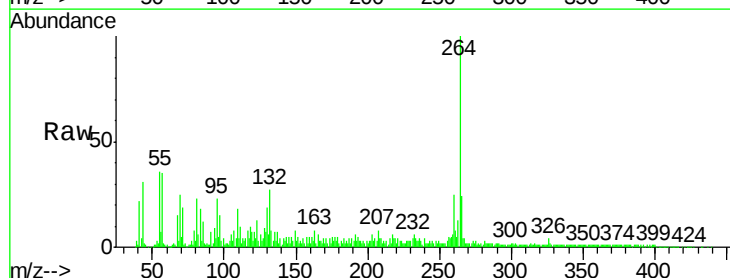
Tgt Ion:264 Resp: 179769

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 23.9 17.4 26.0



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

