

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093408.D
 Acq On : 6 Mar 2017 18:40
 Operator : SJ/MA
 Sample : I2056-20 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

Quant Time: Mar 07 00:30:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 00:03:56 2017
 Response via : Initial Calibration

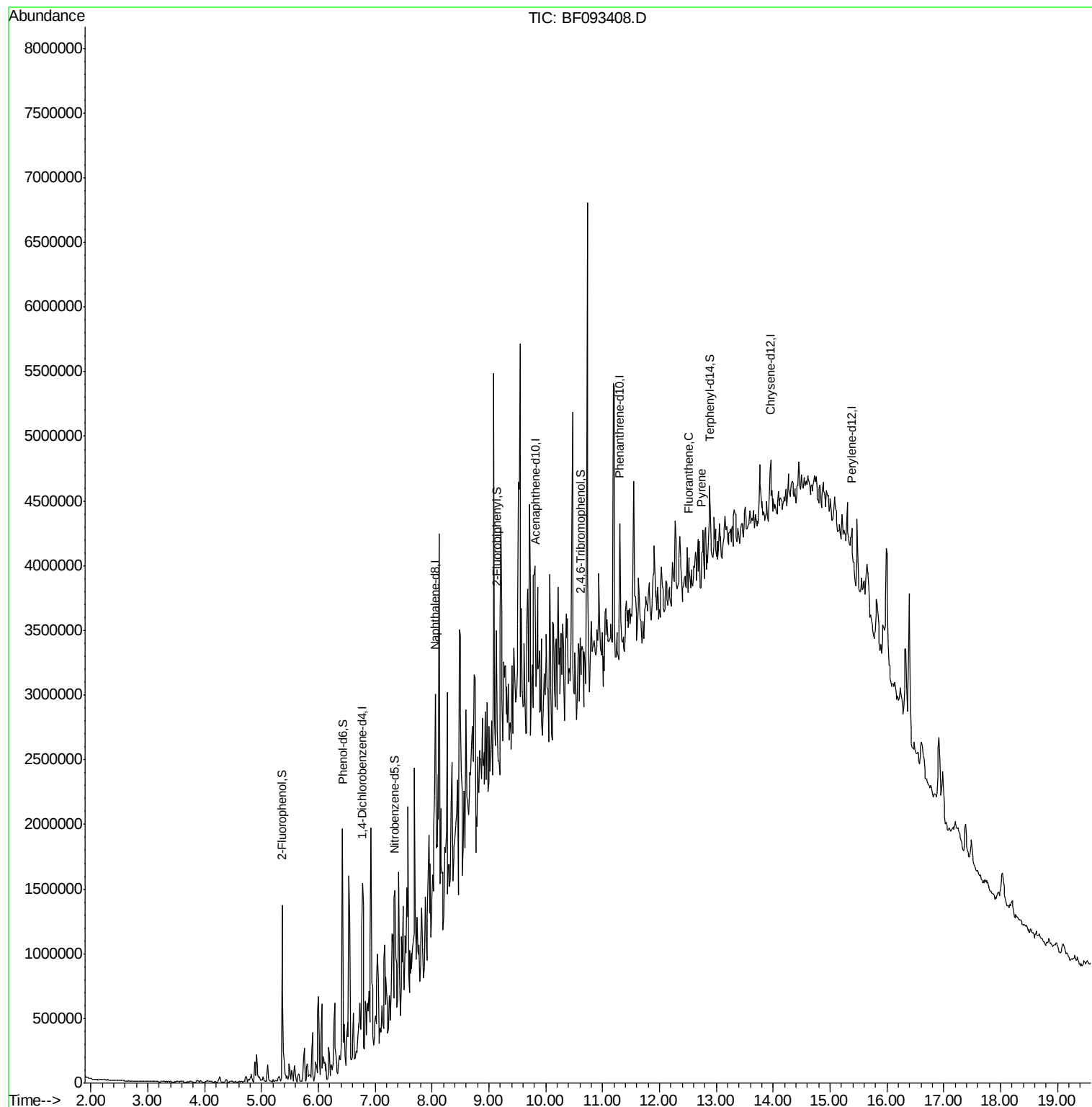
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	166155	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	568071	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	213815	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	302729	20.00	ng	0.02
75) Chrysene-d12	13.96	240	278993	20.00	ng	0.02
86) Perylene-d12	15.39	264	246908	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	505622	52.21	ng	0.00
7) Phenol-d6	6.42	99	614536	49.32	ng	0.00
23) Nitrobenzene-d5	7.34	82	323373	31.70	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	63288	40.92	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	497608	42.16	ng	0.00
78) Terphenyl-d14	12.88	244	286161	24.10	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	12.52	202	80826	4.52	ng	79
77) Pyrene	12.75	202	170228	8.15	ng	# 91

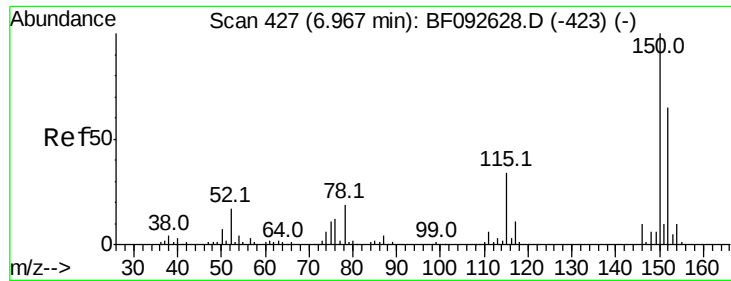
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

Instrument :

BNA_F

ClientSampleId :

19B-19

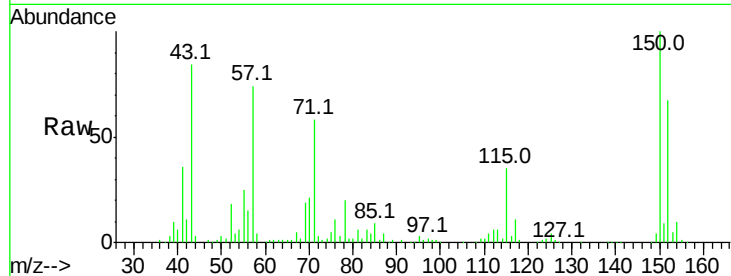
Tot Ion:152 Resp: 166155

Ion Ratio Lower Upper

152 100

150 149.9 124.9 187.3

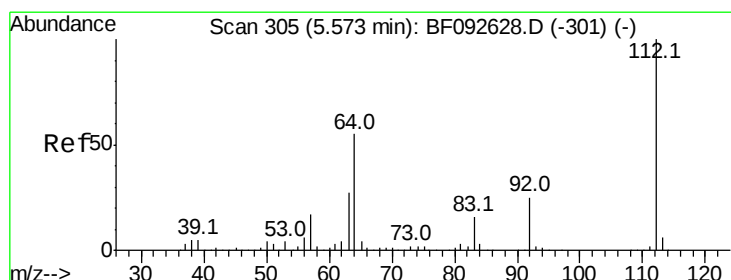
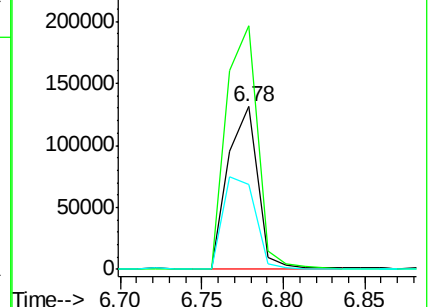
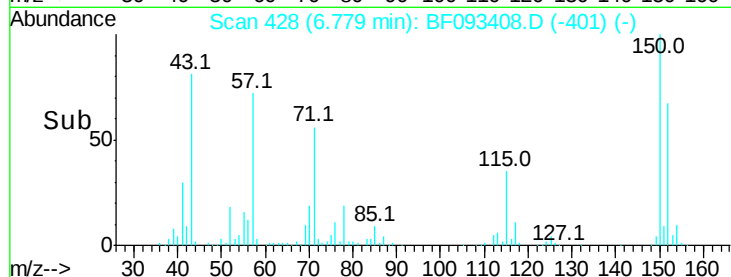
115 52.2 46.0 69.0



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: 52.21 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

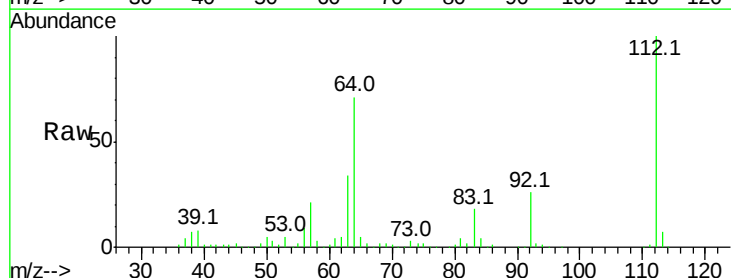
Tgt Ion:112 Resp: 505622

Ion Ratio Lower Upper

112 100

64 71.1 46.1 69.1#

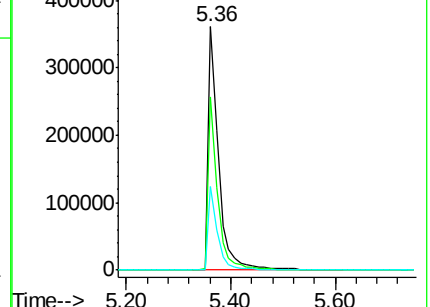
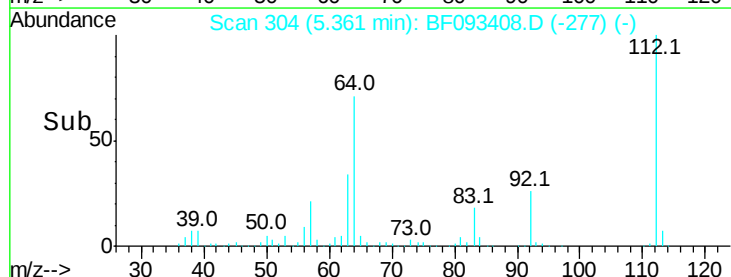
63 34.3 23.8 35.6

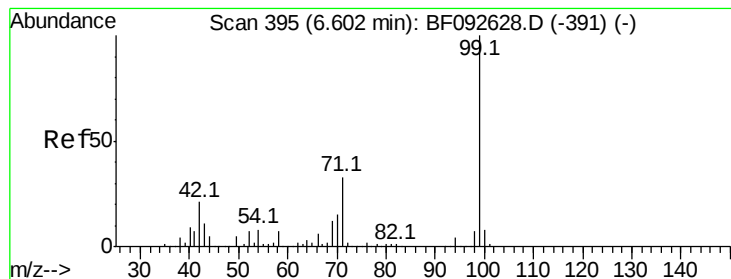


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.32 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

Instrument :

BNA_F

ClientSampleId :

19B-19

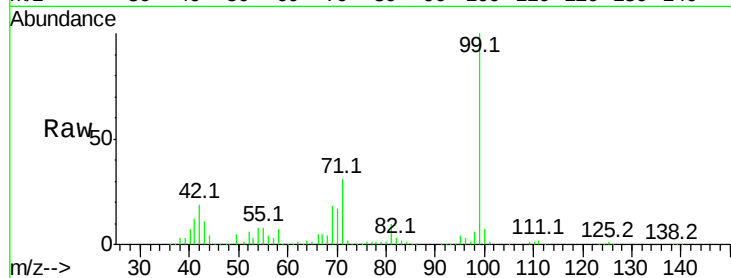
Tot Ion: 99 Resp: 614536

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

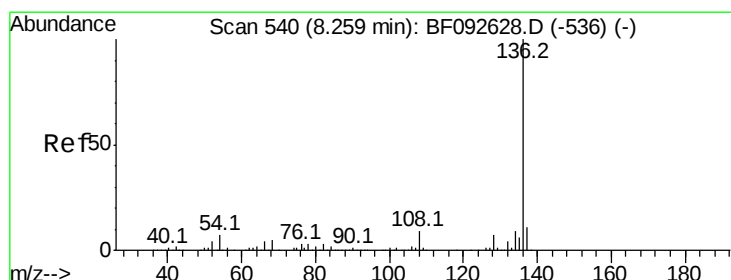
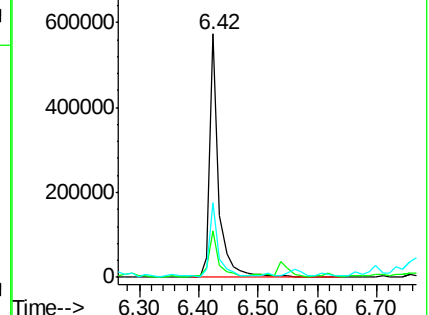
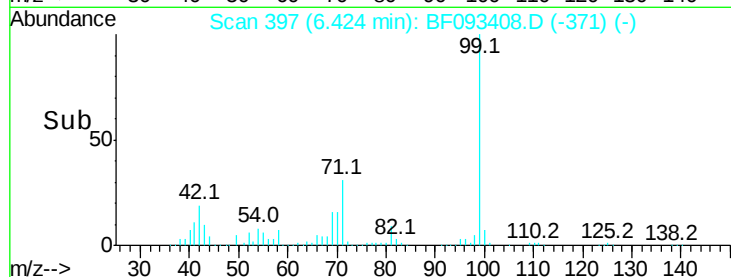
71 30.7 27.5 41.3



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: 8.06 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

Tgt Ion: 136 Resp: 568071

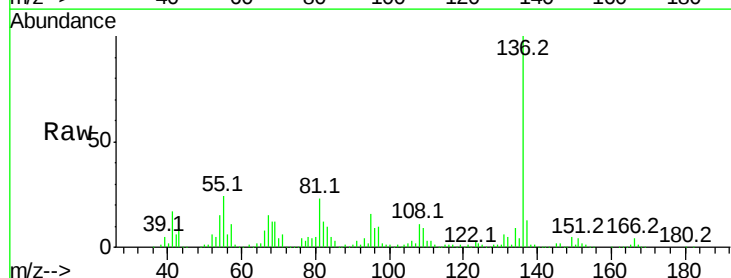
Ion Ratio Lower Upper

136 100

137 12.5 8.4 12.6

54 14.5 4.5 6.7#

68 11.9 3.6 5.4#

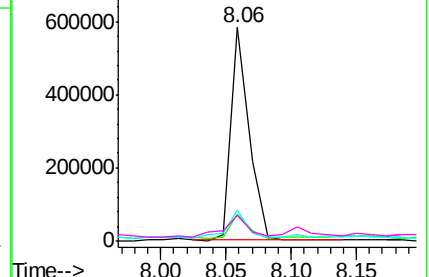
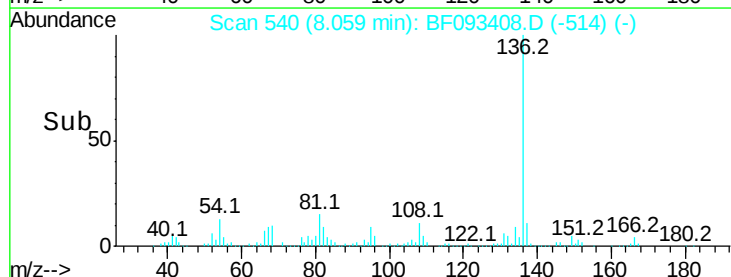


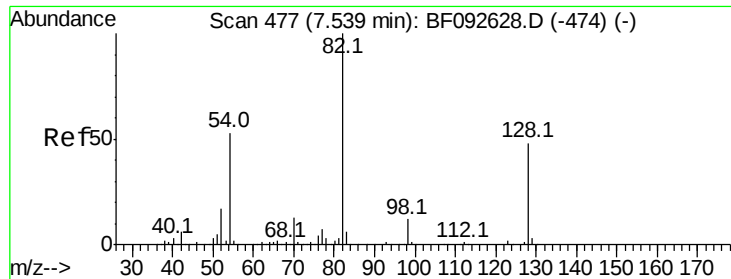
Abundance Ion 136.00 (135.70 to 136.70): E

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

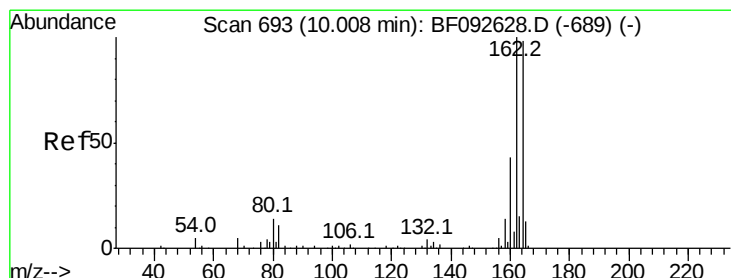
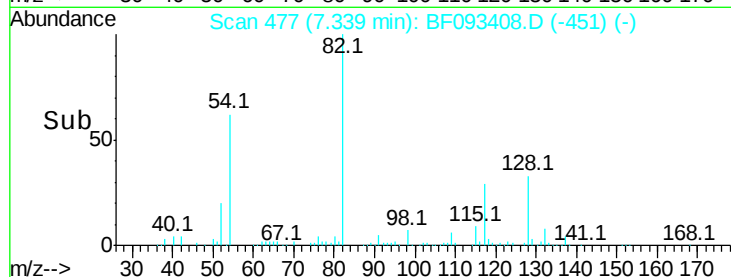
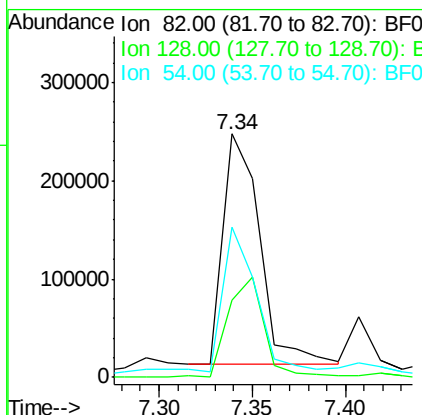
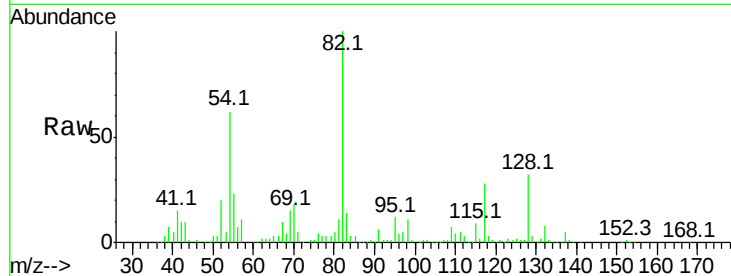




#23
 Nitrobenzene-d5
 Concen: 31.70 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF093408.D
 Acq: 6 Mar 2017 18:40

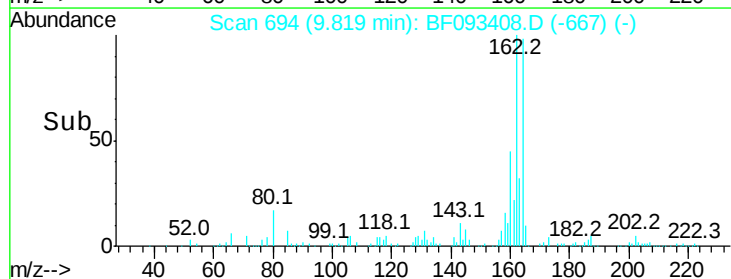
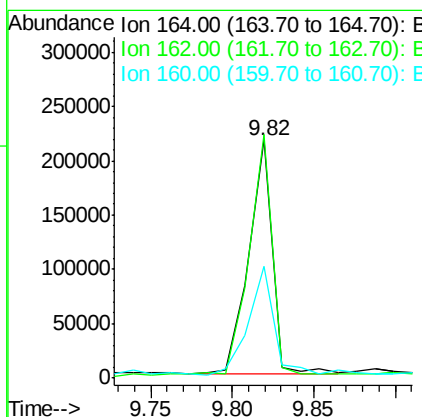
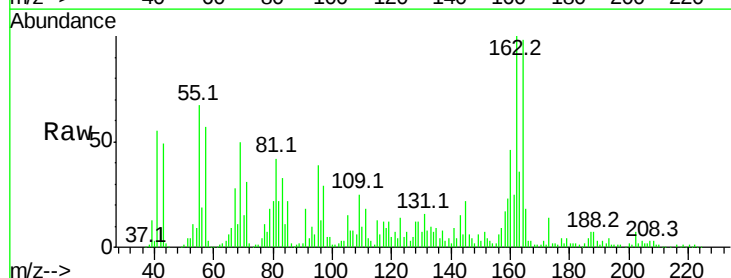
Instrument :
 BNA_F
 ClientSampleId :
 19B-19

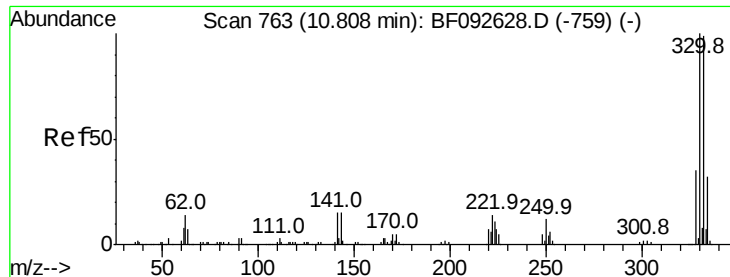
Tot Ion: 82 Resp: 323373
 Ion Ratio Lower Upper
 82 100
 128 31.9 34.6 52.0#
 54 61.9 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF093408.D
 Acq: 6 Mar 2017 18:40

Tgt Ion:164 Resp: 213815
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 46.7 36.9 55.3

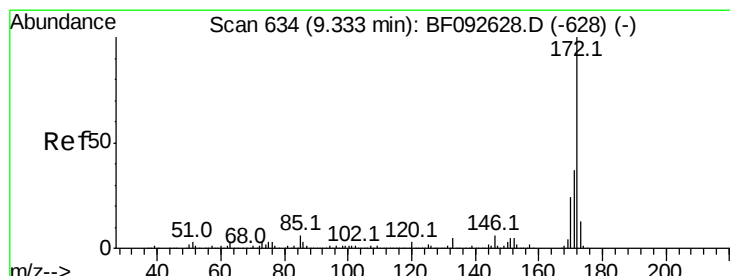
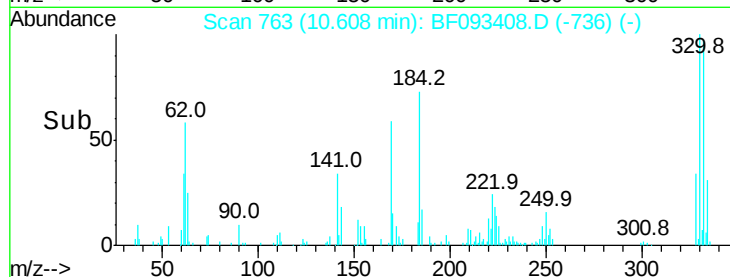
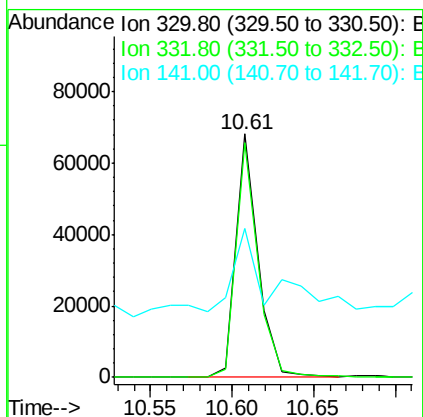
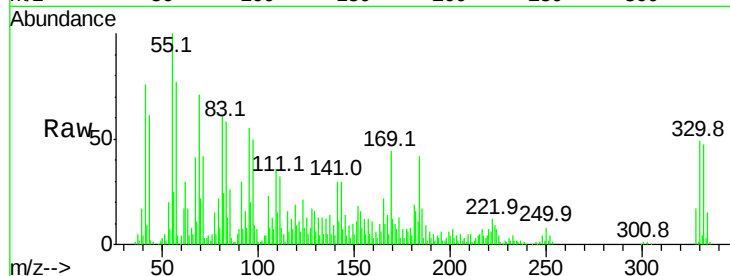




#41
 2,4,6-Tribromophenol
 Concen: 40.92 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093408.D
 Acq: 6 Mar 2017 18:40

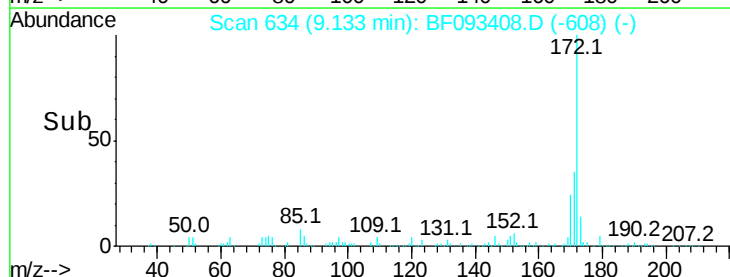
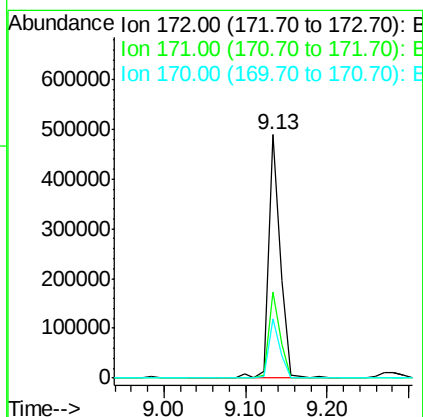
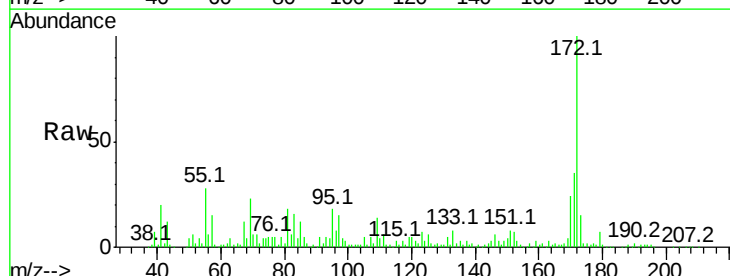
Instrument :
 BNA_F
 ClientSampled :
 19B-19

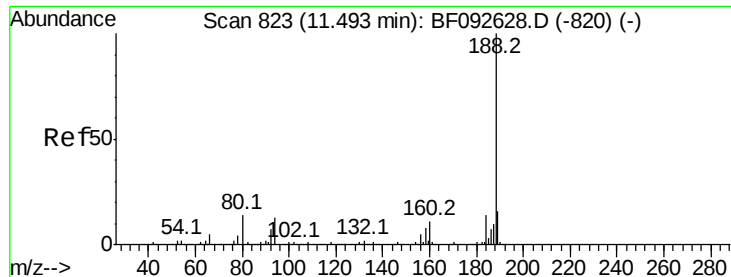
Tot Ion:330 Resp: 63288
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 77.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 42.16 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093408.D
 Acq: 6 Mar 2017 18:40

Tgt Ion:172 Resp: 497608
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.1 20.2 30.4

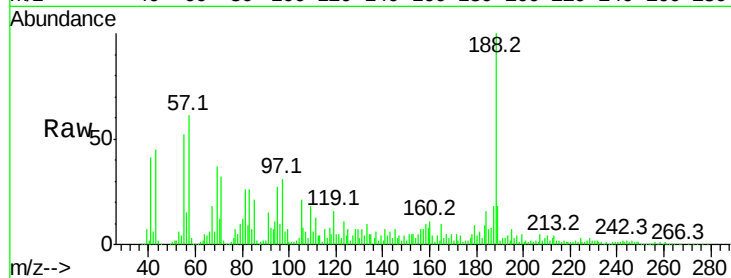




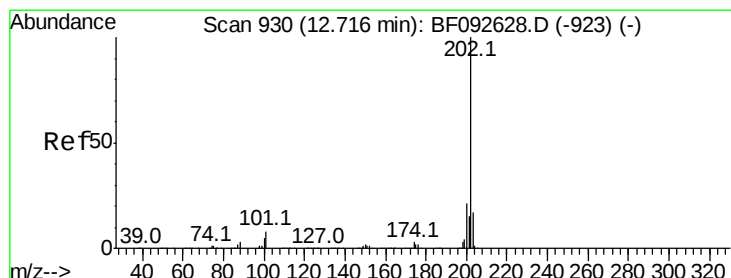
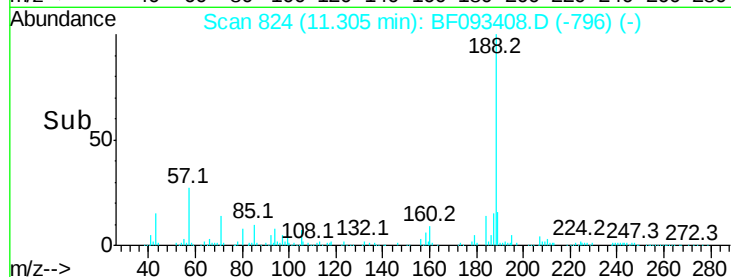
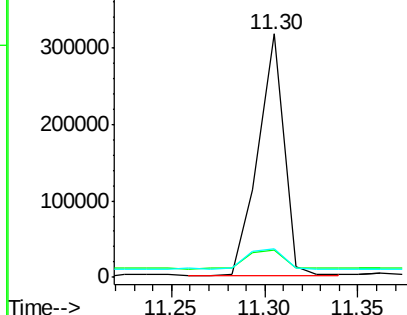
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 824
Delta R.T. 0.02 min
Lab File: BF093408.D
Acq: 6 Mar 2017 18:40

Instrument :
BNA_F
ClientSampleId :
19B-19

Tot Ion:188 Resp: 302729
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.6 11.2 16.8

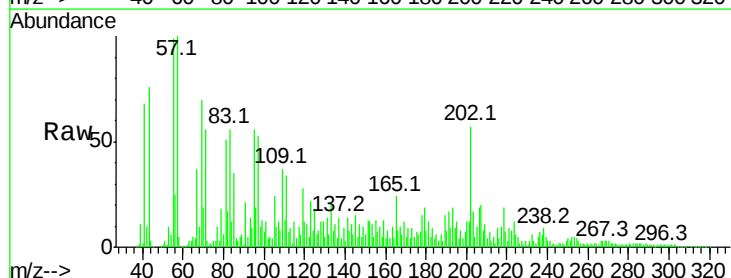


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

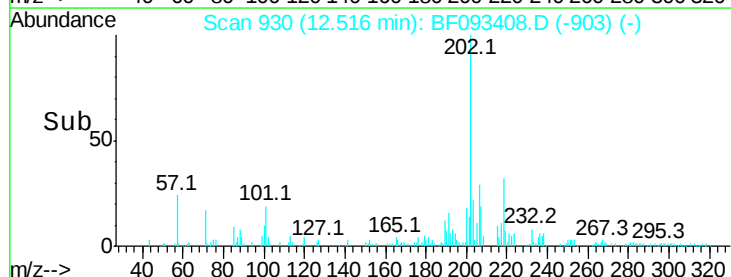
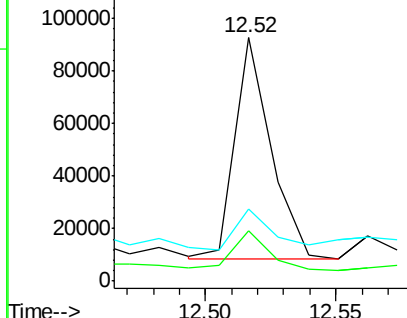


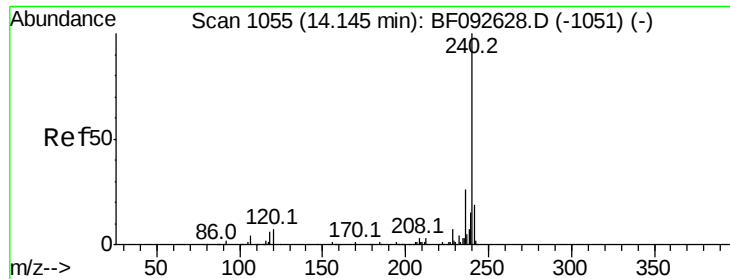
#74
Fluoranthene
Concen: 4.52 ng
RT: 12.52 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF093408.D
Acq: 6 Mar 2017 18:40

Tgt Ion:202 Resp: 80826
Ion Ratio Lower Upper
202 100
101 20.8 0.0 34.6
203 29.9 0.0 38.7



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: 20.00 ng

RT: 13.96 min Scan# 1056

Delta R.T. 0.02 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

Instrument :

BNA_F

ClientSampleId :

19B-19

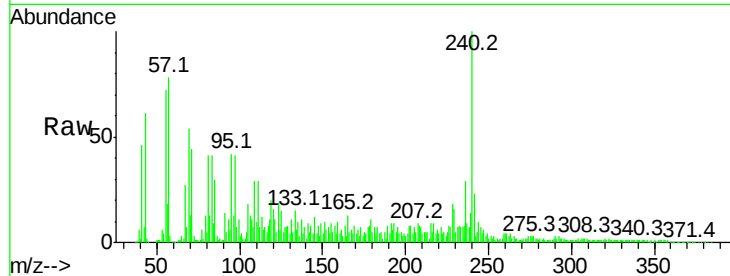
Tot Ion:240 Resp: 278993

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

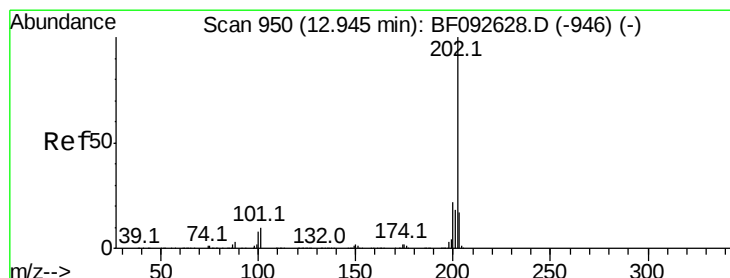
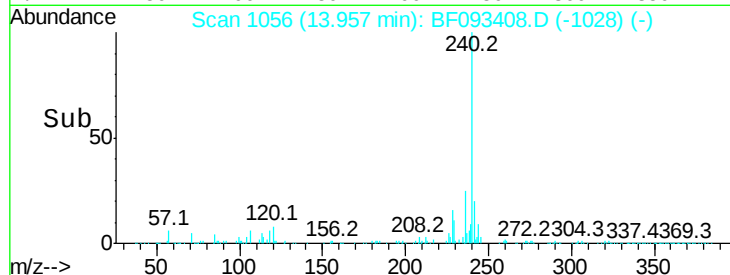
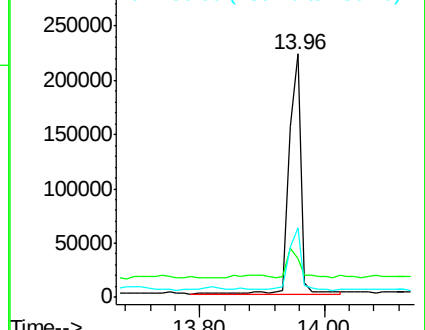
236 28.5 20.9 31.3



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



#77

Pyrene

Concen: 8.15 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

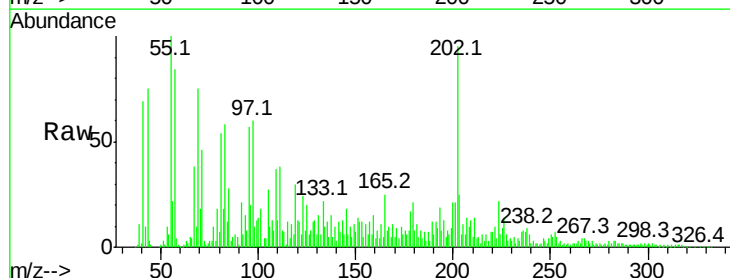
Tgt Ion:202 Resp: 170228

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

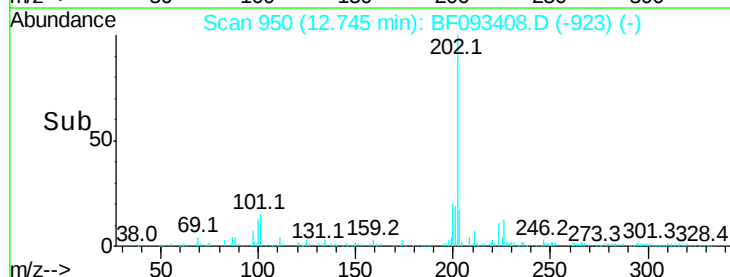
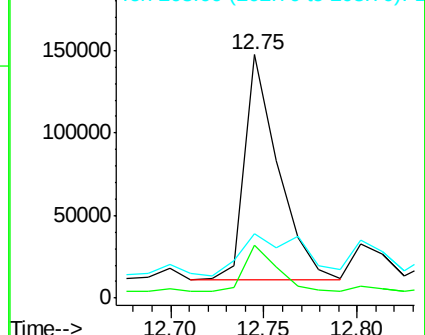
203 26.5 14.7 22.1#

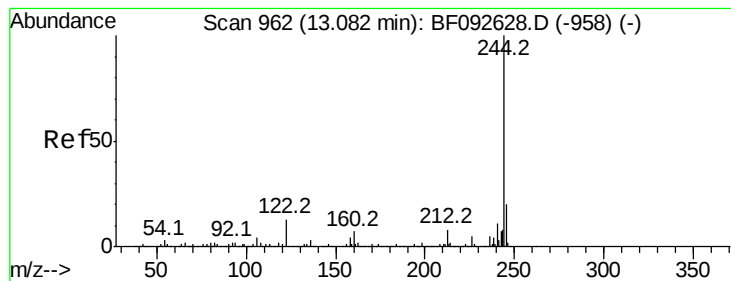


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 24.10 ng

RT: 12.88 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

Instrument :

BNA_F

ClientSampleId :

19B-19

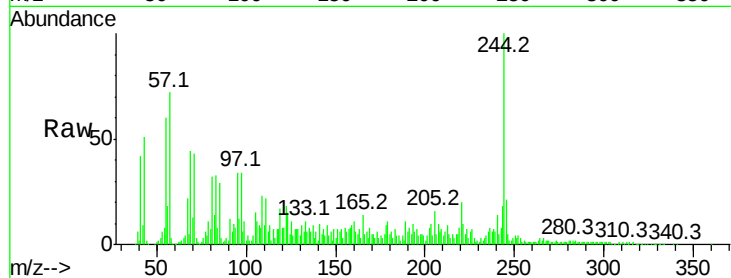
Tot Ion:244 Resp: 286161

Ion Ratio Lower Upper

244 100

212 9.1 6.2 9.2

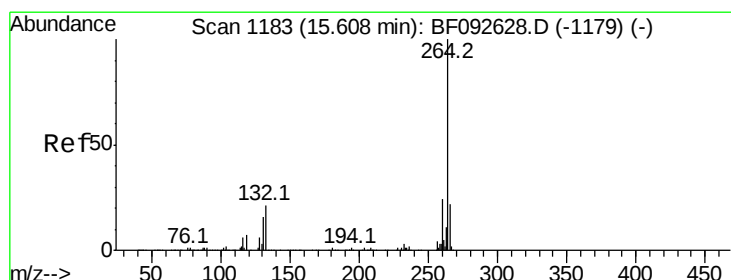
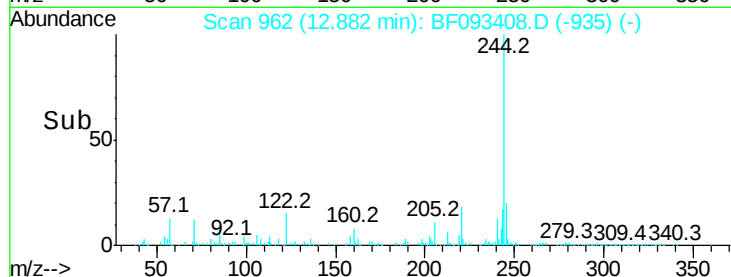
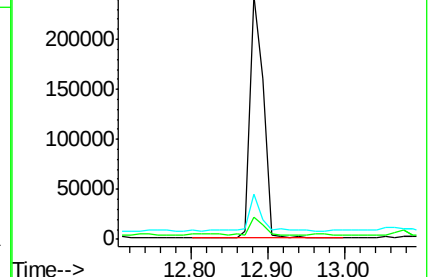
122 18.4 11.4 17.2#



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: 15.39 min Scan# 1181

Delta R.T. 0.04 min

Lab File: BF093408.D

Acq: 6 Mar 2017 18:40

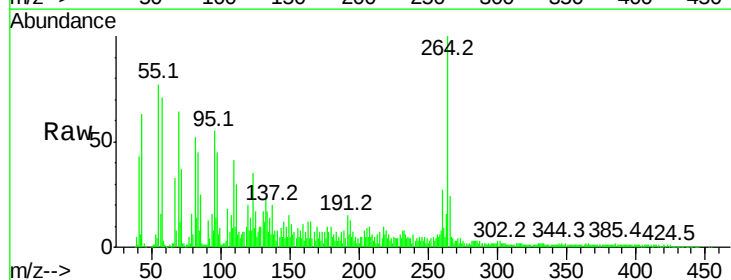
Tgt Ion:264 Resp: 246908

Ion Ratio Lower Upper

264 100

260 26.6 19.2 28.8

265 24.1 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

