

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095168.D
 Acq On : 16 May 2017 21:34
 Operator : SJ/MA
 Sample : I3160-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-WC-4

Quant Time: May 17 07:38:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

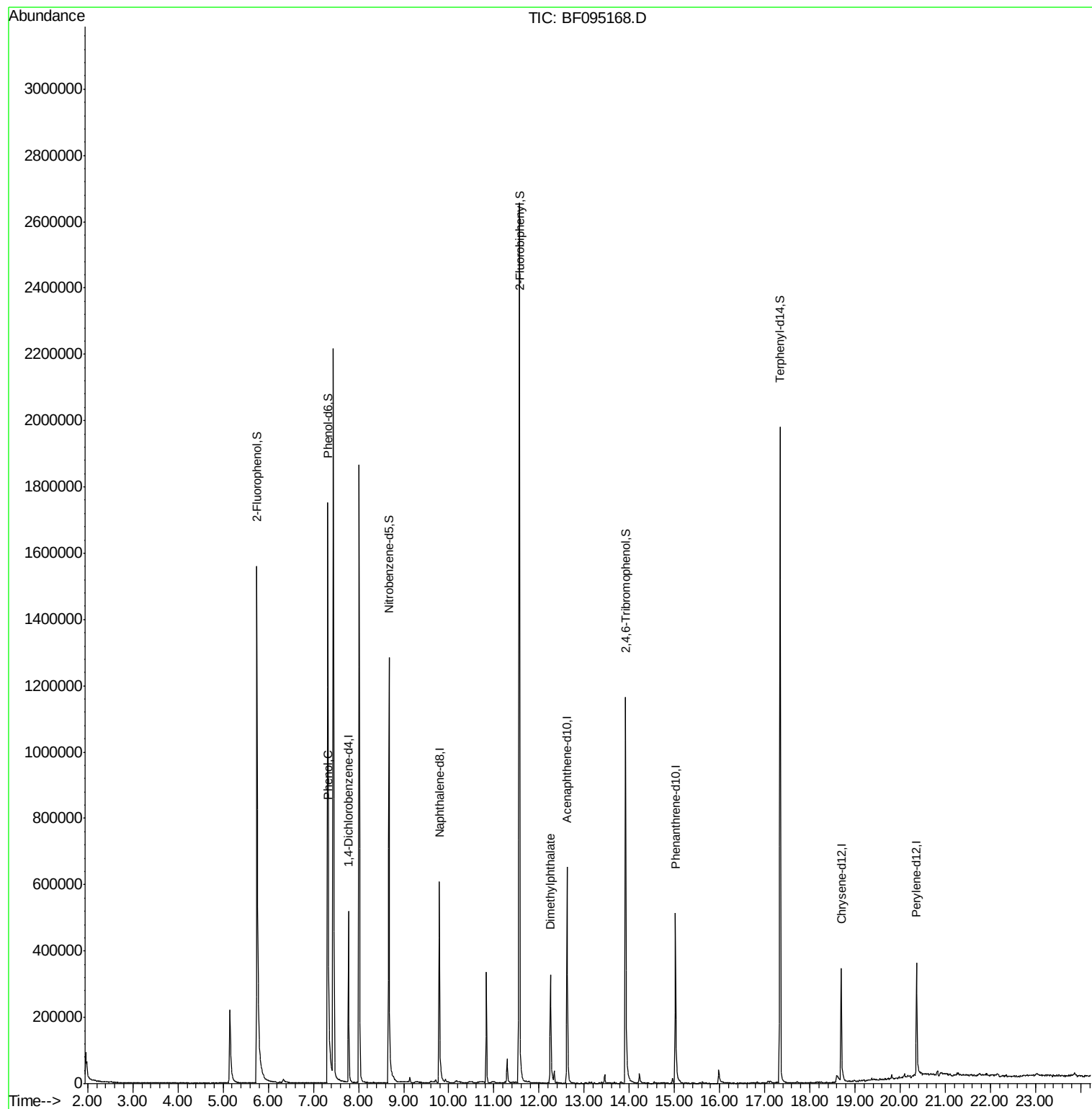
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	111048	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	447933	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	203657	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	323131	20.00	ng	0.04
75) Chrysene-d12	18.69	240	195183	20.00	ng	0.04
86) Perylene-d12	20.36	264	174508	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	889327	133.52	ng	0.07
7) Phenol-d6	7.32	99	1075658	134.60	ng	0.05
23) Nitrobenzene-d5	8.68	82	619855	87.26	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	209126	125.38	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1237498	87.46	ng	0.04
78) Terphenyl-d14	17.34	244	788146	88.94	ng	0.03
Target Compounds						
10) Phenol	7.34	94	24637	2.93	ng	Qvalue # 73
49) Dimethylphthalate	12.25	163	259172	15.50	ng	98

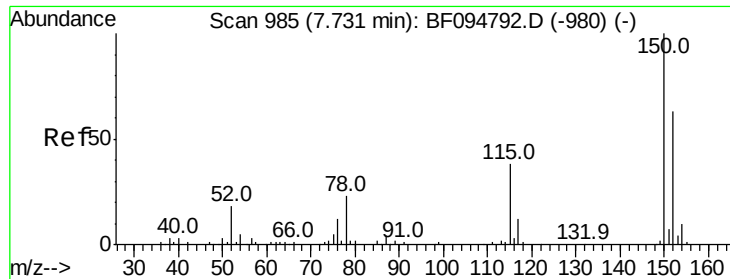
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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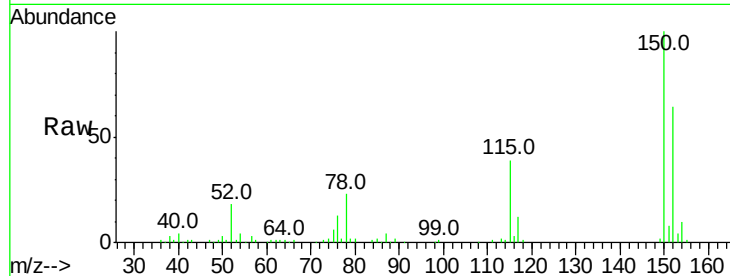


#1

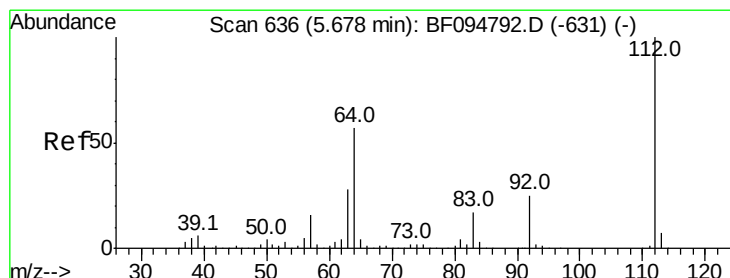
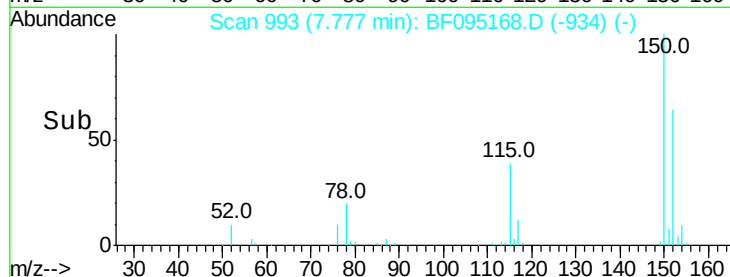
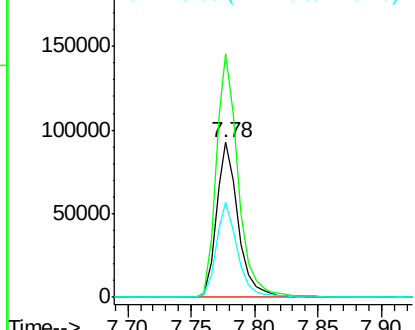
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Instrument :
BNA_F
ClientSampleId :
S-WC-4

Tot Ion:152 Resp: 111048
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.7 52.2 78.2



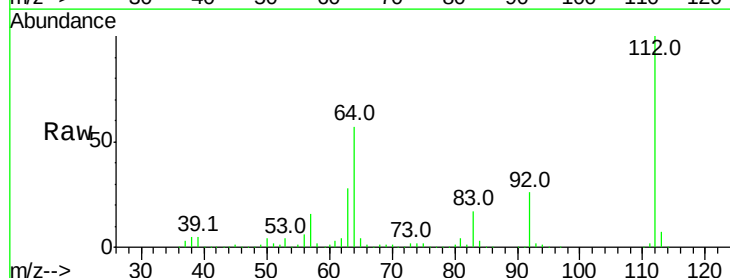
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



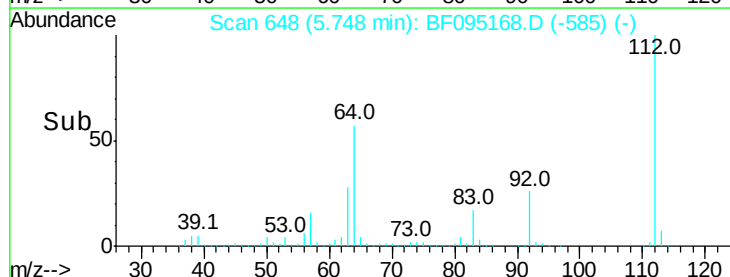
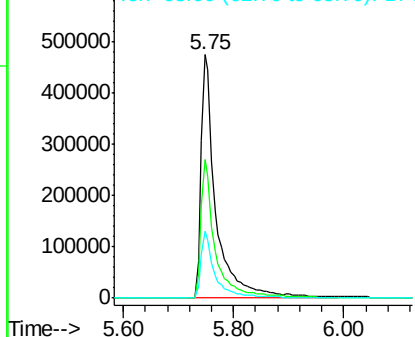
#5

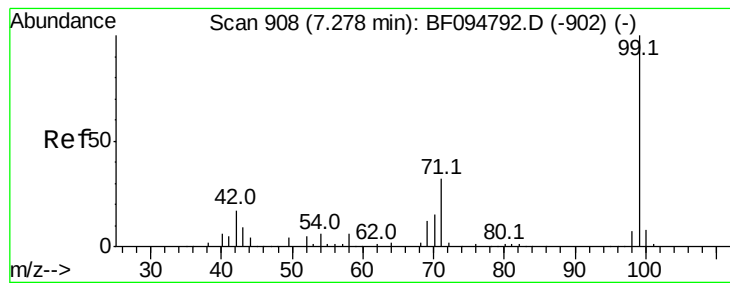
2-Fluorophenol
Concen: 133.52 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion:112 Resp: 889327
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 27.8 23.4 35.0



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: 134.60 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

S-WC-4

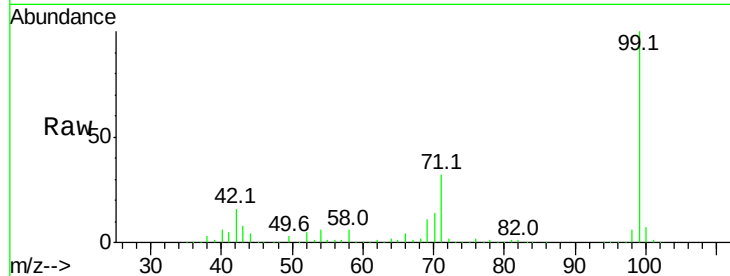
Tot Ion: 99 Resp: 1075658

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

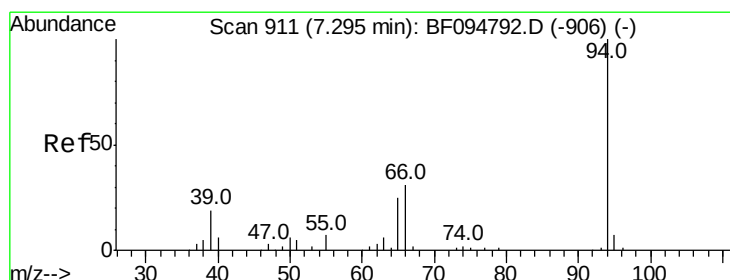
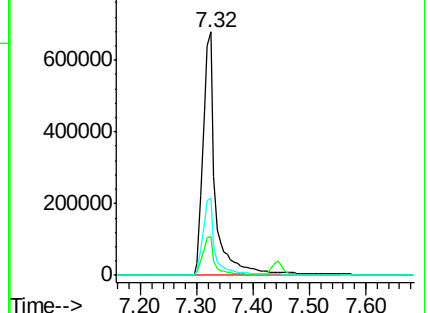
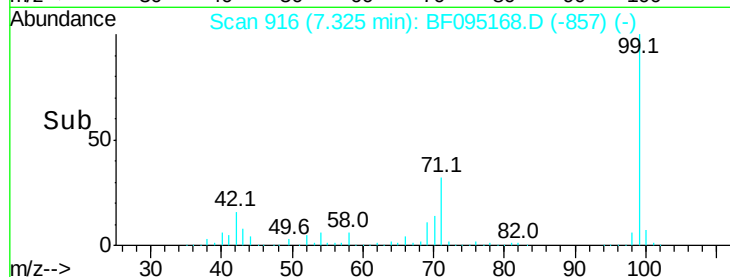
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 2.93 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

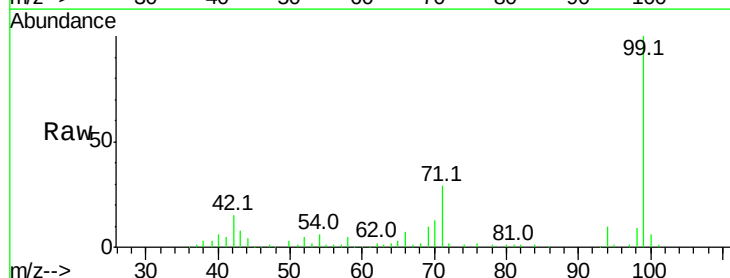
Tgt Ion: 94 Resp: 24637

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

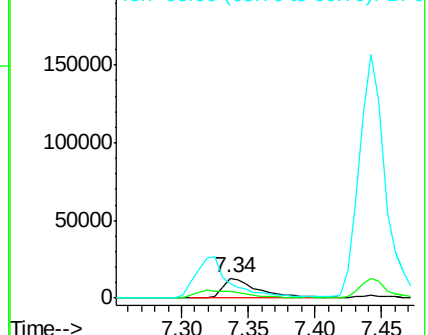
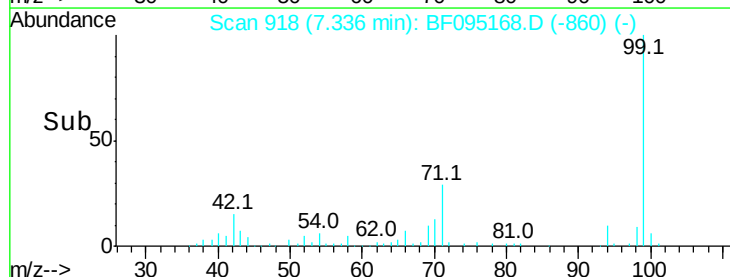
66 71.4 23.1 63.1#

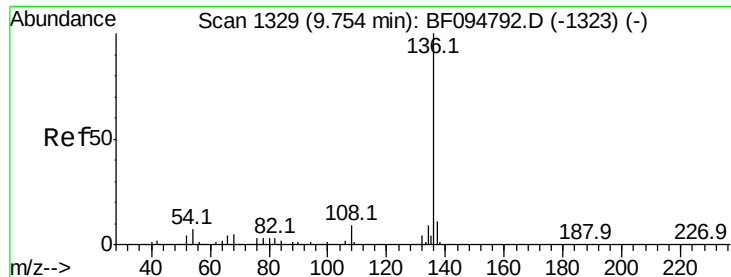


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

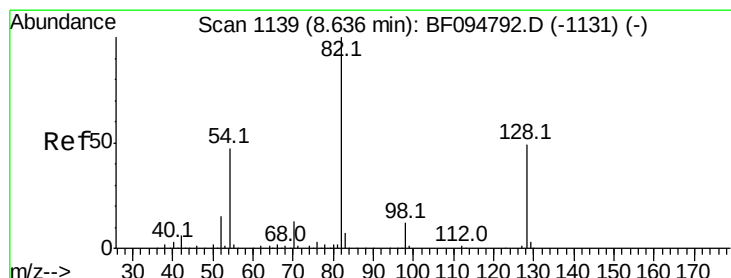
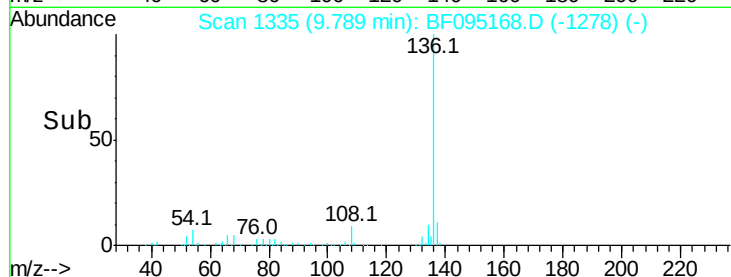
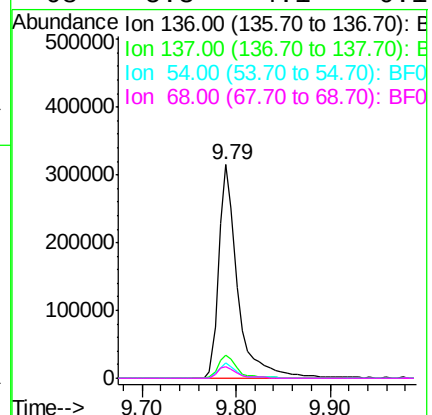
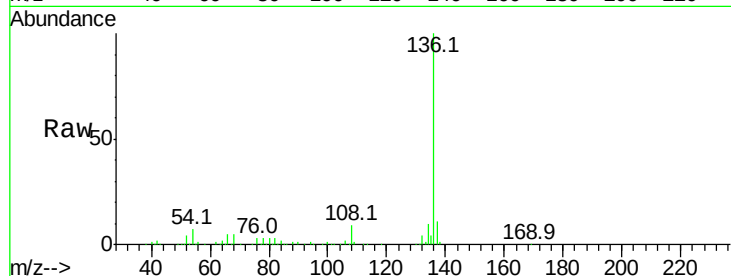




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

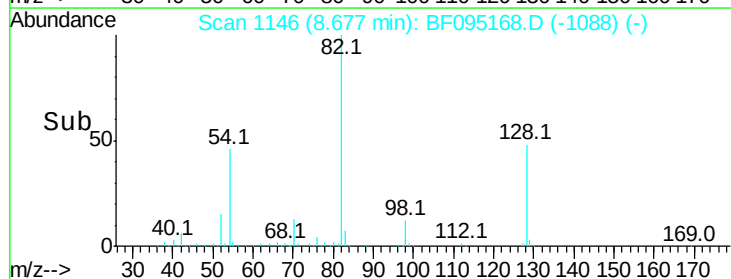
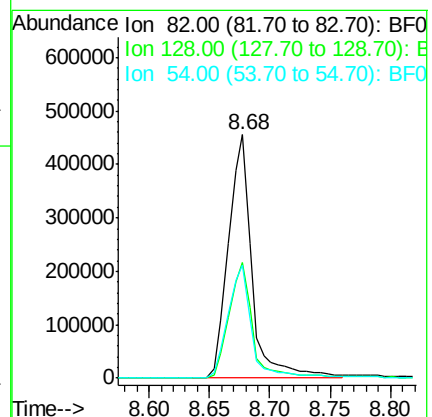
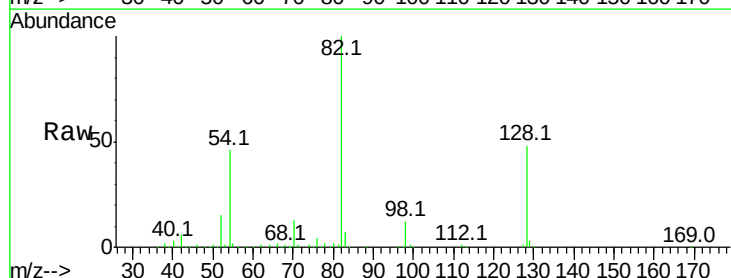
Instrument :
BNA_F
ClientSampleId :
S-WC-4

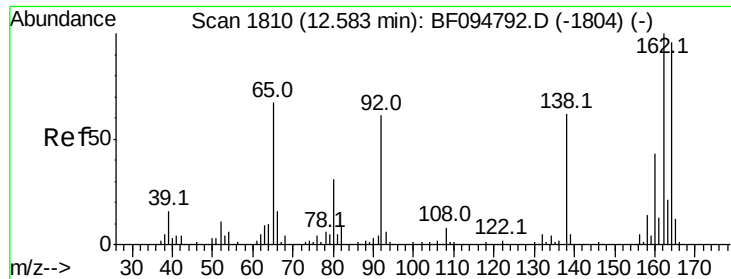
Tot Ion:	136	Resp:	447933
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 87.26 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion:	82	Resp:	619855
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	46.4	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

S-WC-4

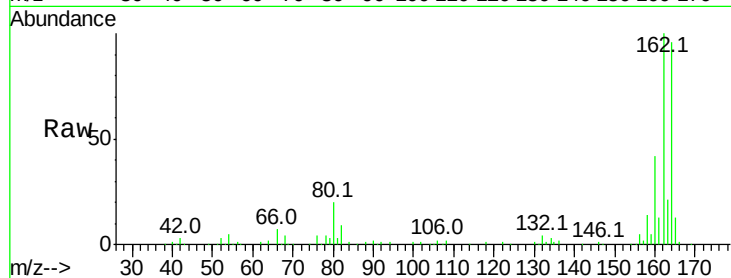
Tot Ion:164 Resp: 203657

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

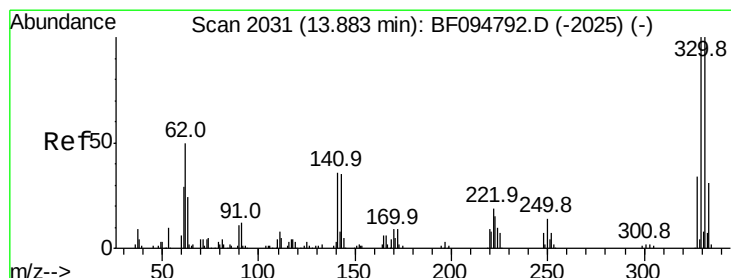
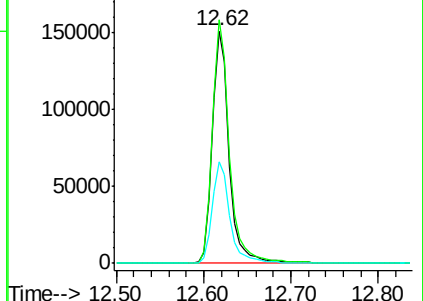
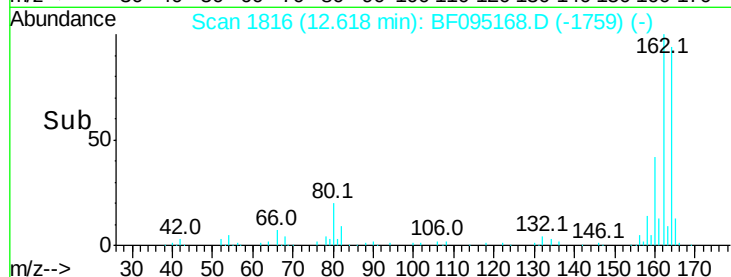
160 43.6 36.2 54.2



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: 125.38 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

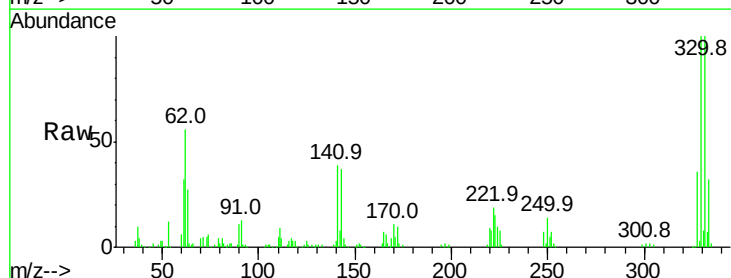
Tgt Ion:330 Resp: 209126

Ion Ratio Lower Upper

330 100

332 99.3 76.6 115.0

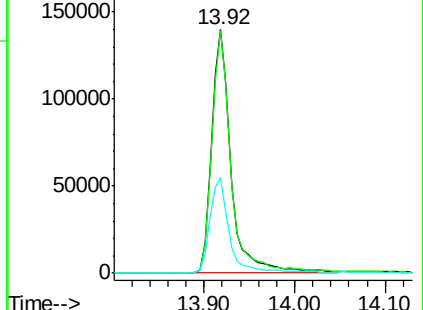
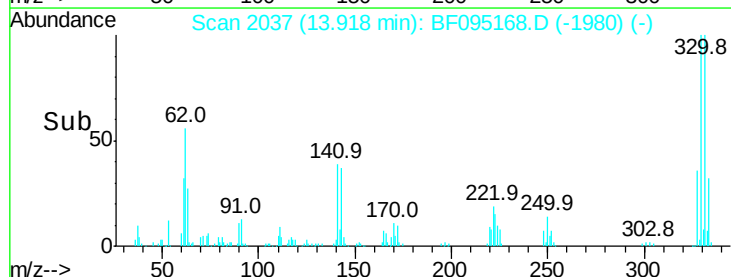
141 39.1 31.4 47.2

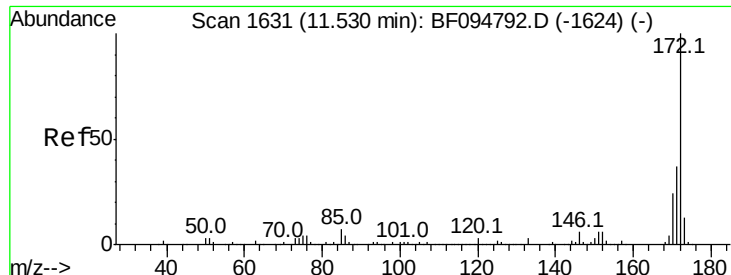


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

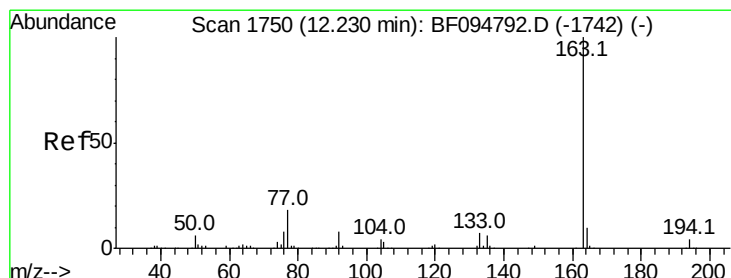
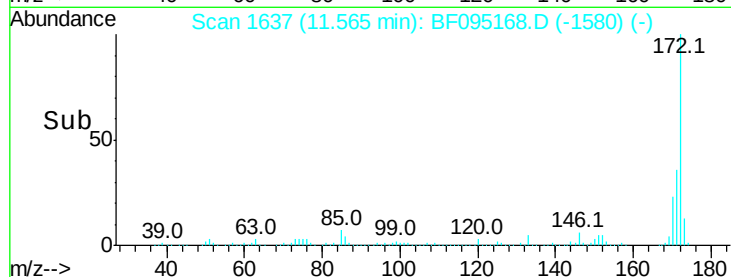
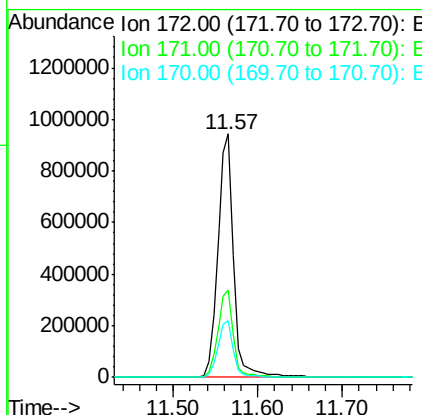
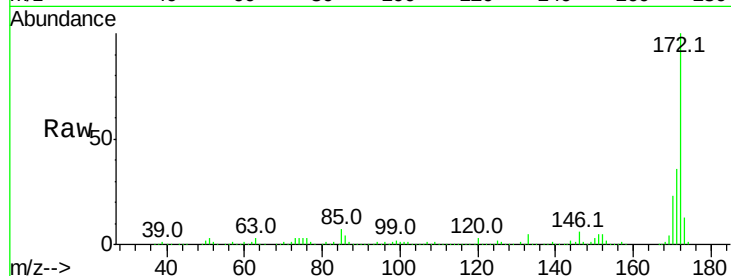




#44
2-Fluorobiphenyl
Concen: 87.46 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

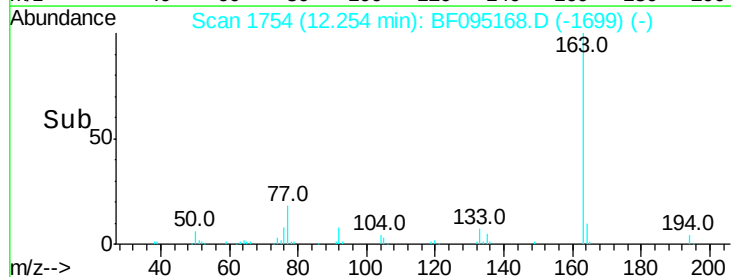
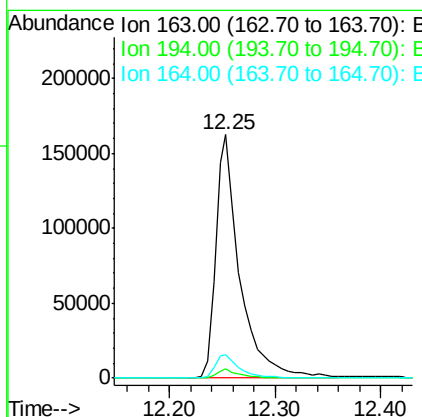
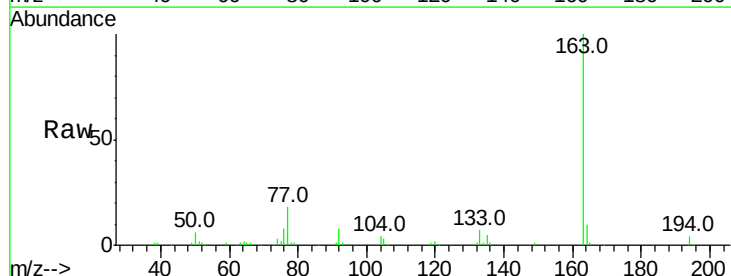
Instrument :
BNA_F
ClientSampleId :
S-WC-4

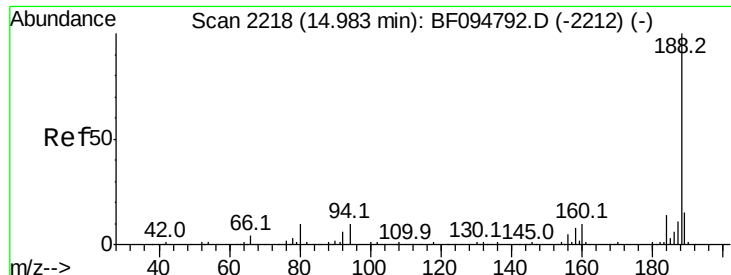
Tot Ion:172 Resp: 1237498
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 15.50 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion:163 Resp: 259172
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

S-WC-4

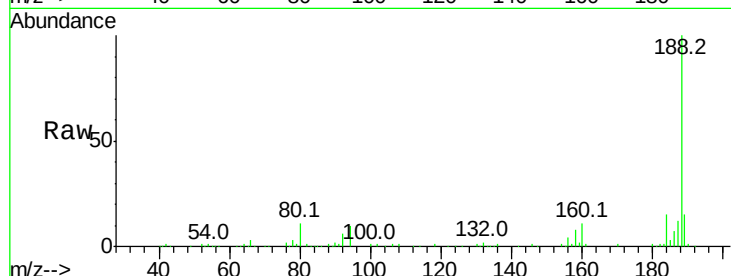
Tot Ion:188 Resp: 323131

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

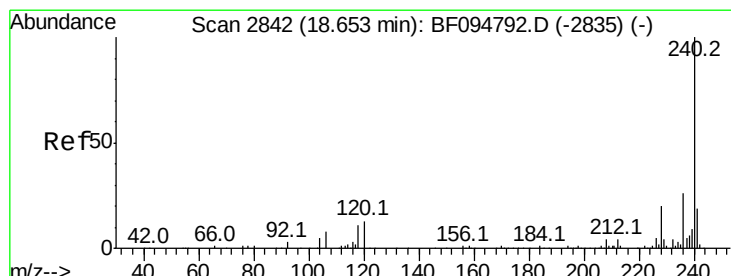
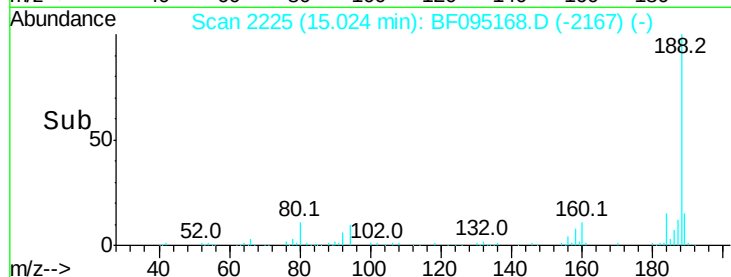
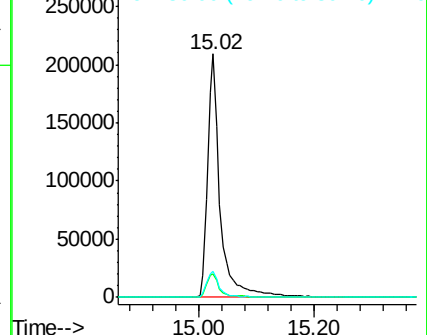
80 10.6 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

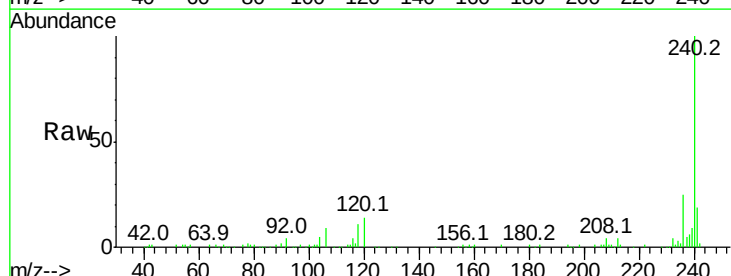
Tgt Ion:240 Resp: 195183

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

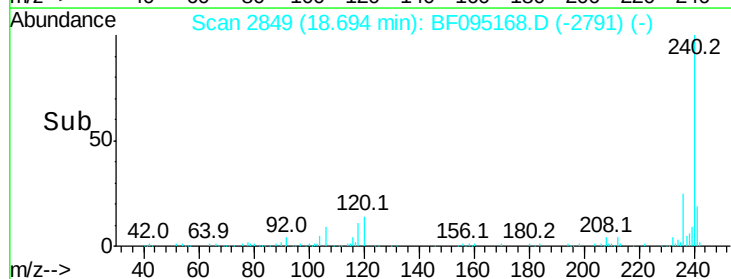
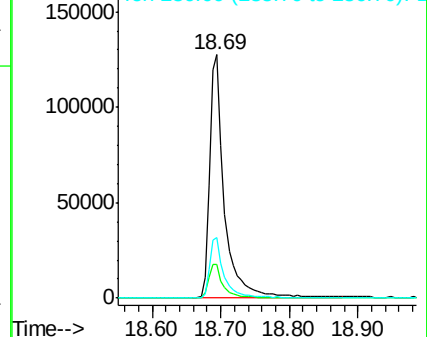
236 24.7 20.5 30.7

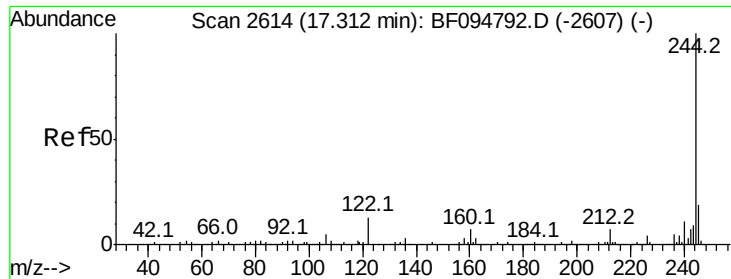


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.94 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

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ClientSampleId :

S-WC-4

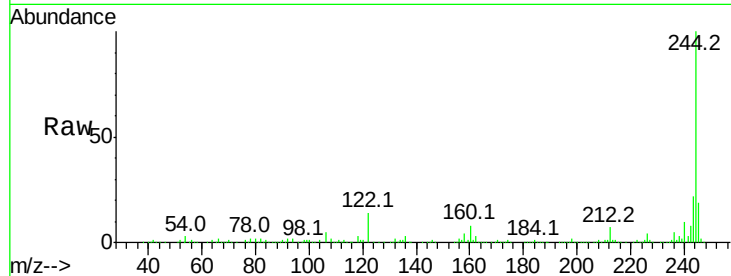
Tot Ion:244 Resp: 788146

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

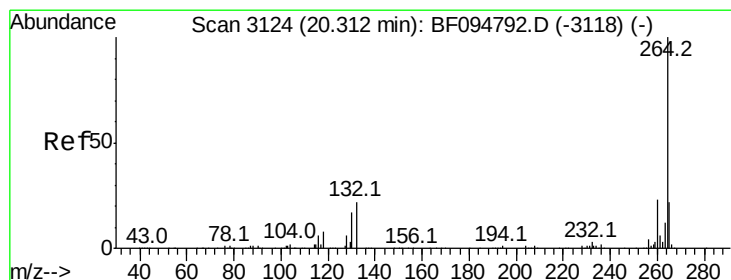
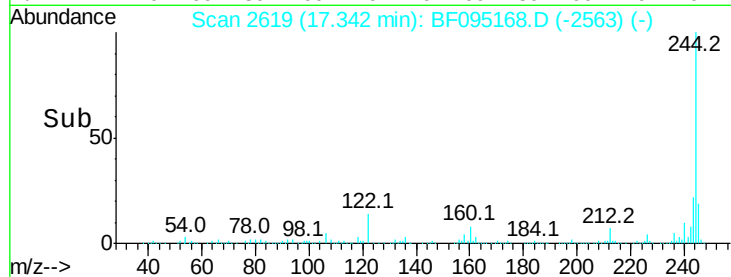
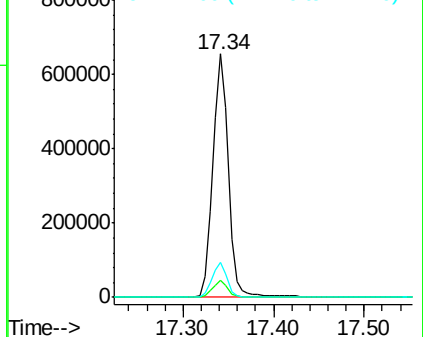
122 14.2 10.3 15.5



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: 20.36 min Scan# 3133

Delta R.T. 0.05 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

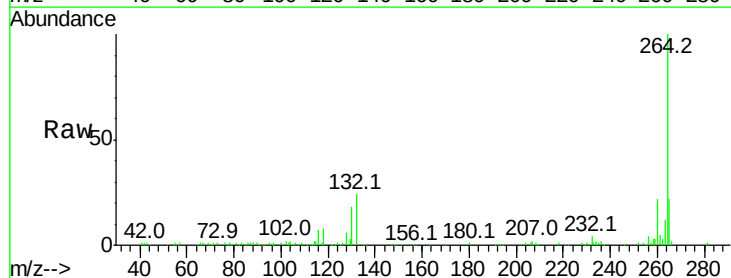
Tgt Ion:264 Resp: 174508

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 21.8 17.2 25.8



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

