

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097530.D
 Acq On : 9 Aug 2017 22:01
 Operator : SJ/JU
 Sample : I4658-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Quant Time: Aug 10 13:27:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

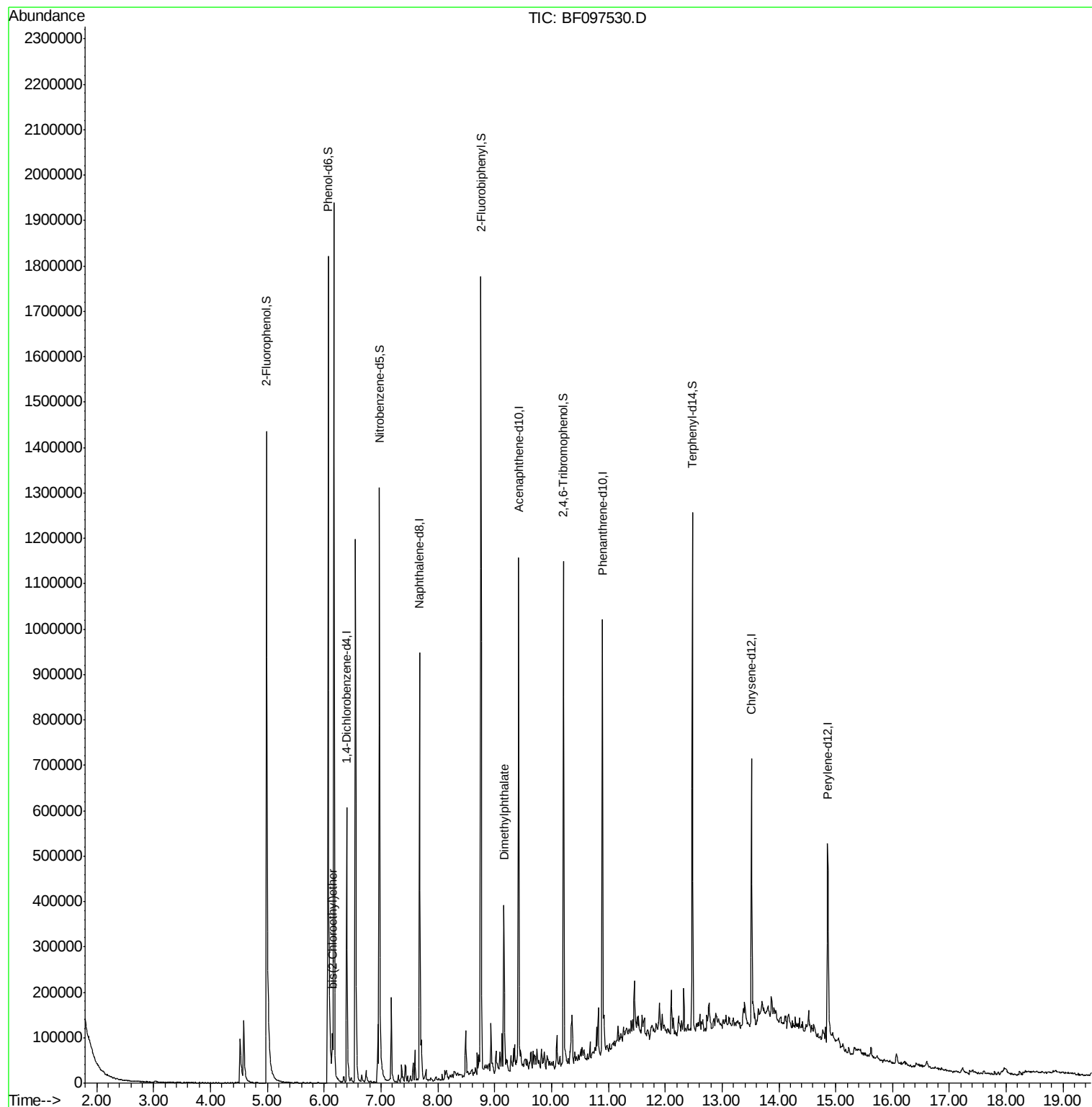
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	104102	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	456907	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	217257	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	348263	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	197914	20.00	ng	-0.02
86) Perylene-d12	14.86	264	180310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	551729	79.90	ng	-0.02
7) Phenol-d6	6.07	99	682908	86.62	ng	-0.02
23) Nitrobenzene-d5	6.97	82	424215	54.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	127324	74.17	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	523466	40.89	ng	-0.02
78) Terphenyl-d14	12.48	244	361275	37.22	ng	-0.02
Target Compounds						
11) bis(2-Chloroethyl)ether	6.15	93	26472	3.579	ng	94
49) Dimethylphthalate	9.16	163	146193	8.861	ng	99

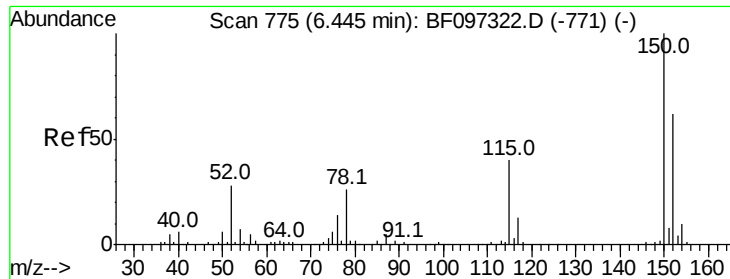
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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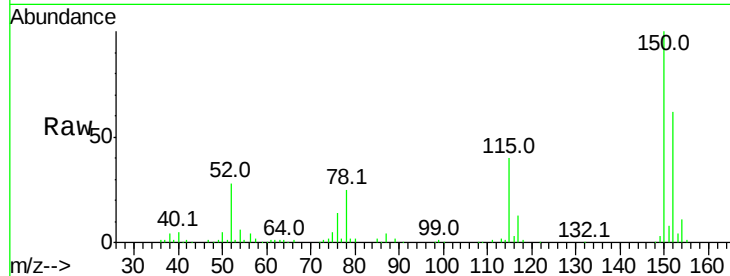


#1

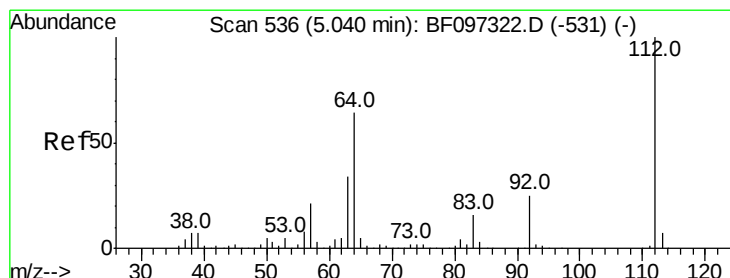
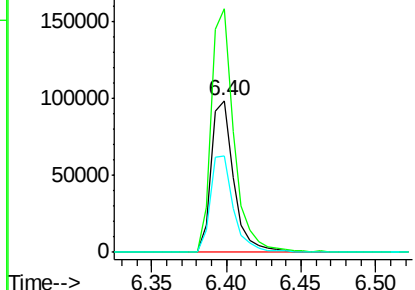
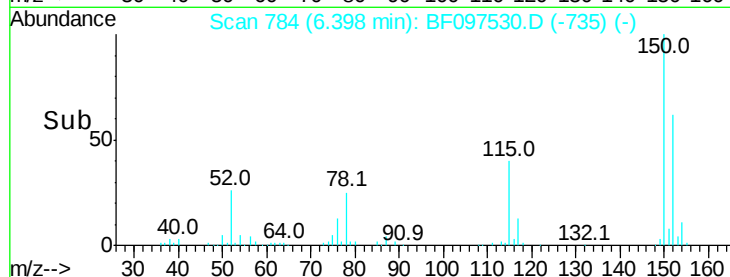
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

Tot Ion:152 Resp: 104102
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 63.5 52.2 78.2



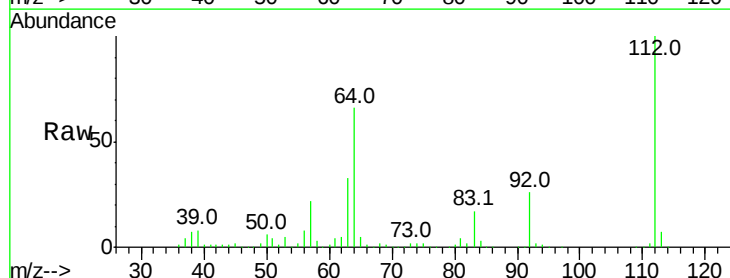
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



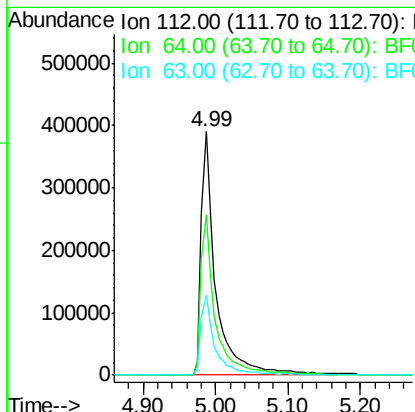
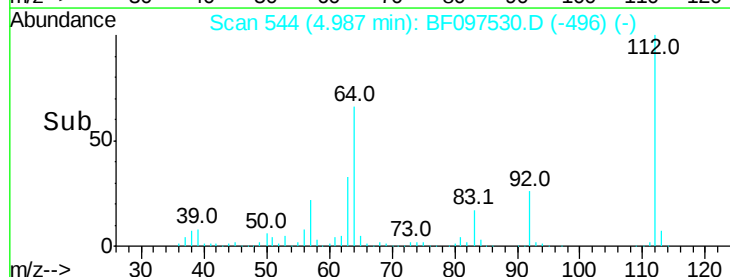
#5

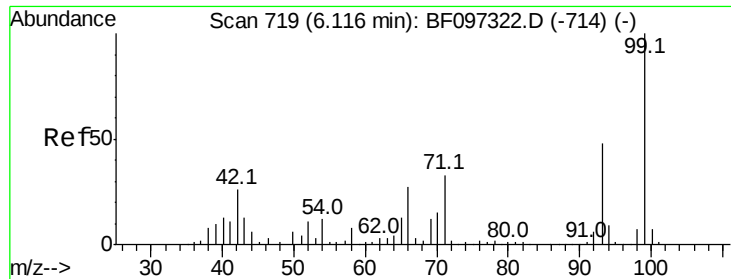
2-Fluorophenol
Concen: 79.895 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:112 Resp: 551729
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 33.0 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: 86.624 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

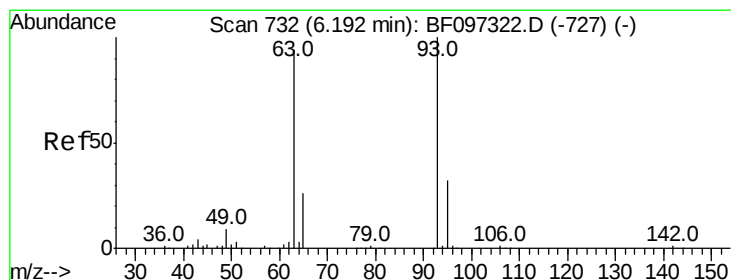
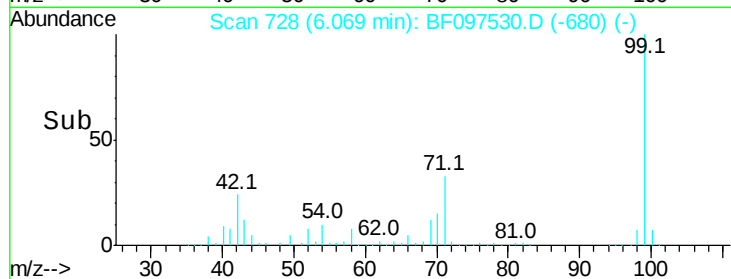
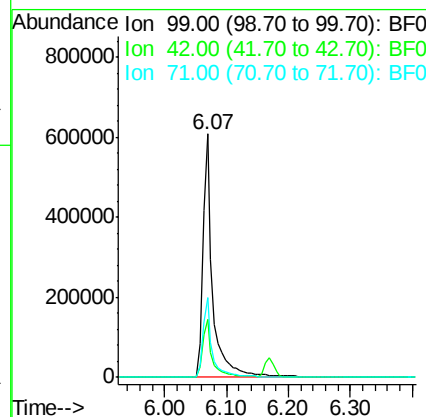
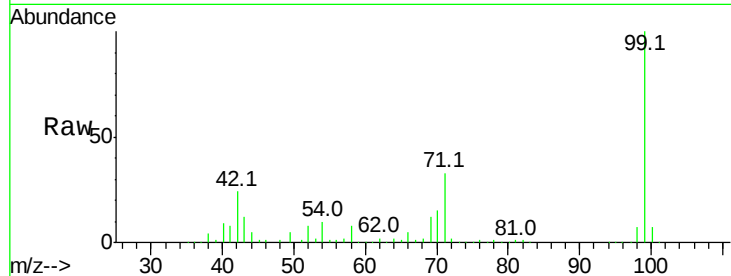
BNA_F

ClientSampleId :

E2-L9-WSW

Tot Ion: 99 Resp: 682908

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.6	24.5	36.7



#11

bis(2-Chloroethyl)ether

Concen: 3.579 ng

RT: 6.15 min Scan# 741

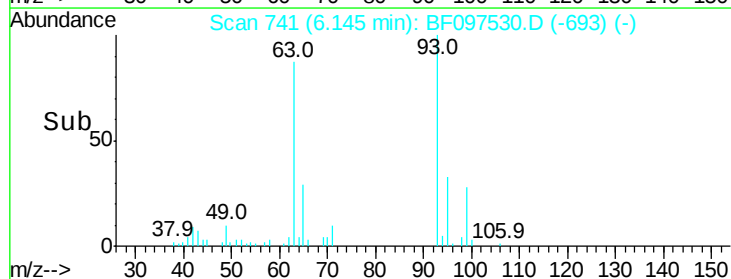
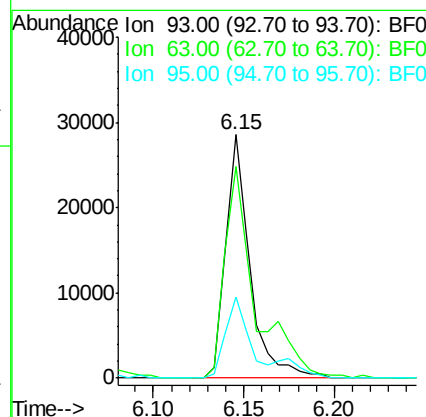
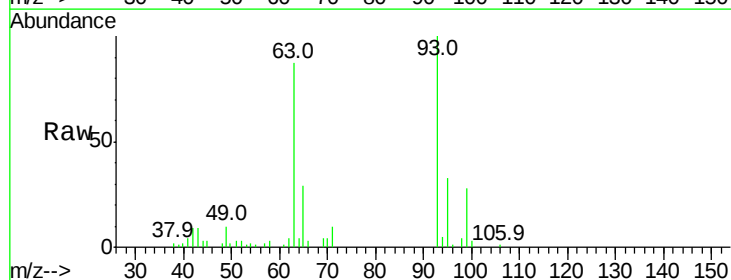
Delta R.T. -0.02 min

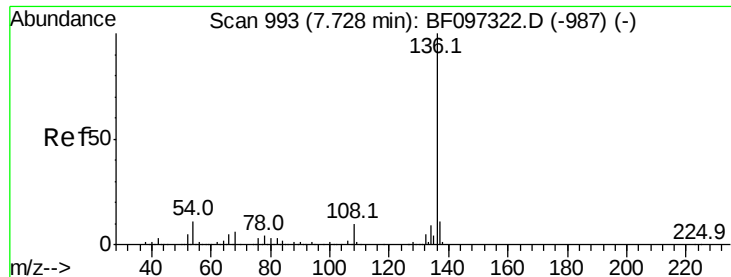
Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Tgt Ion: 93 Resp: 26472

Ion	Ratio	Lower	Upper
93	100		
63	86.7	59.2	99.2
95	33.2	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

E2-L9-WSW

Tot Ion:136 Resp: 456907

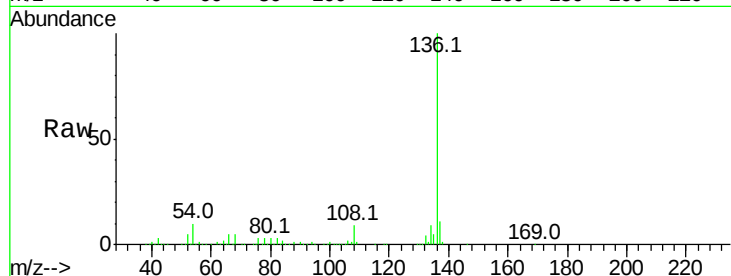
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.8 4.9 7.3#

68 5.0 4.1 6.1

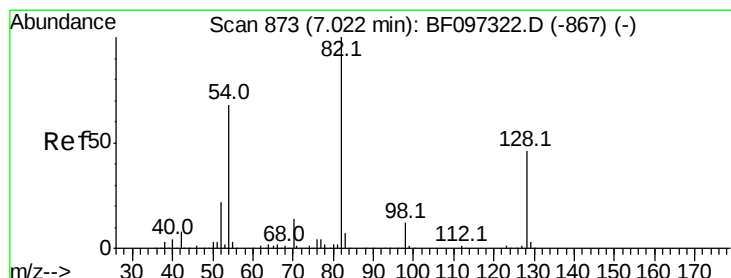
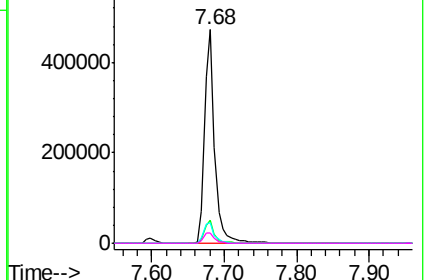
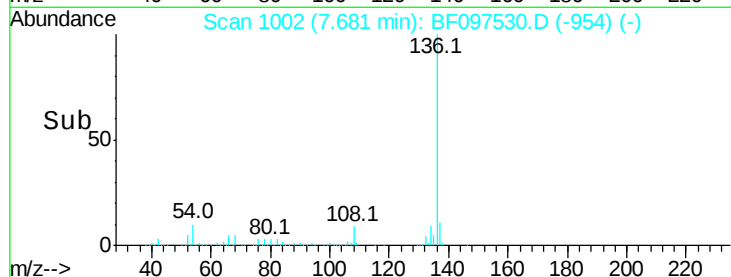


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.467 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

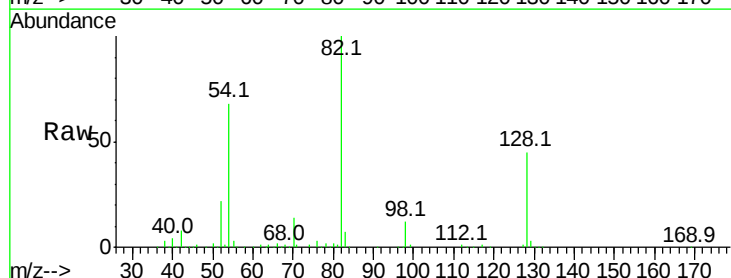
Tgt Ion: 82 Resp: 424215

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

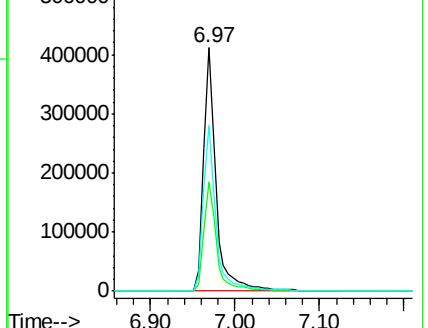
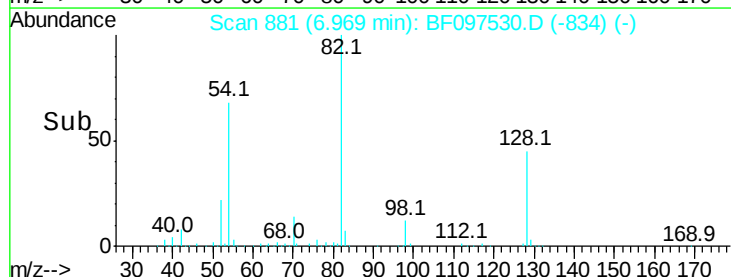
54 67.8 42.2 63.2#

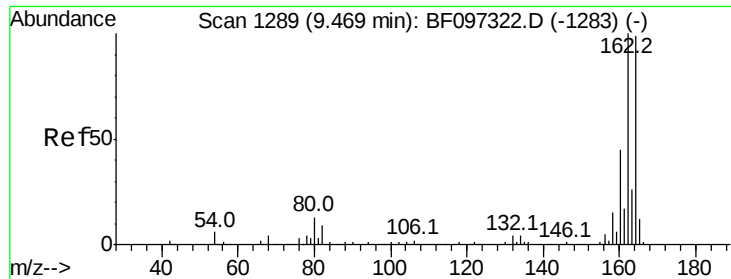


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

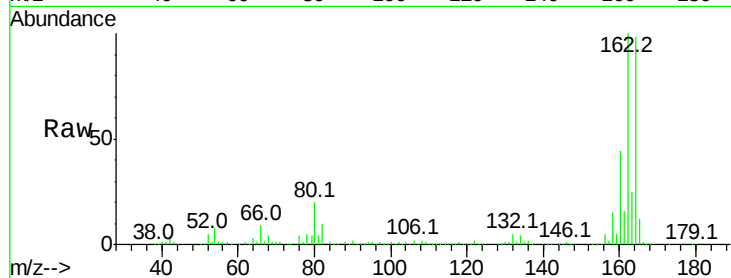




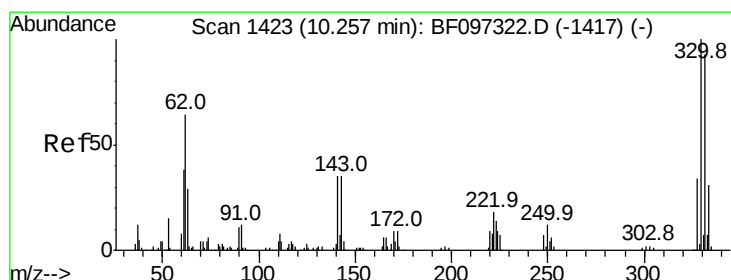
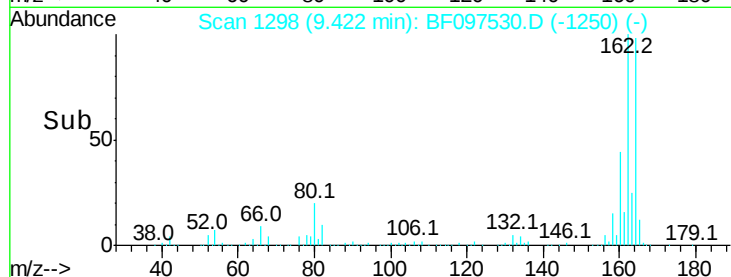
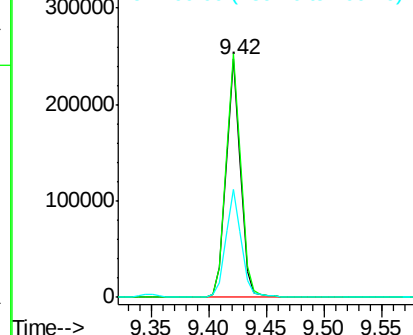
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.3	36.2	54.2

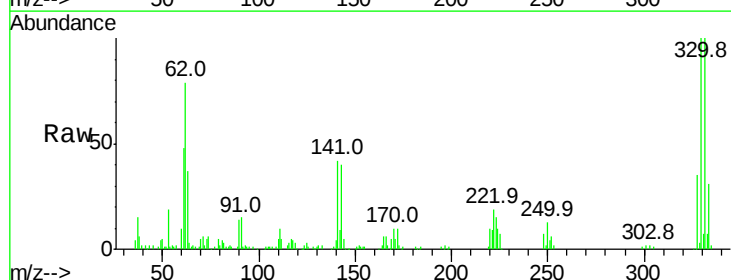


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

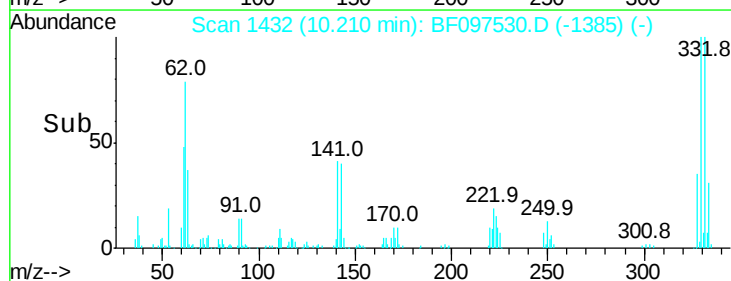
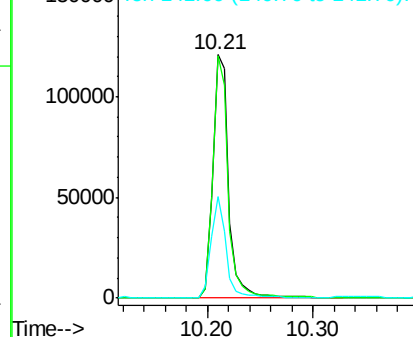


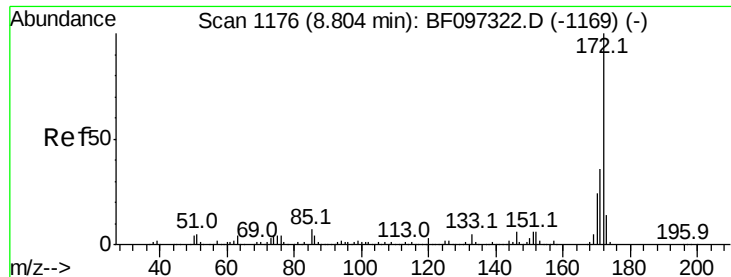
#41
 2,4,6-Tribromophenol
 Concen: 74.175 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	40.0	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

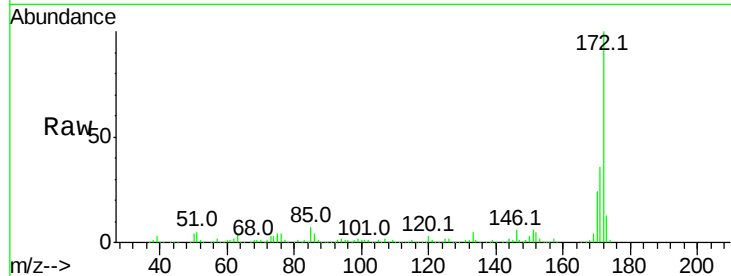




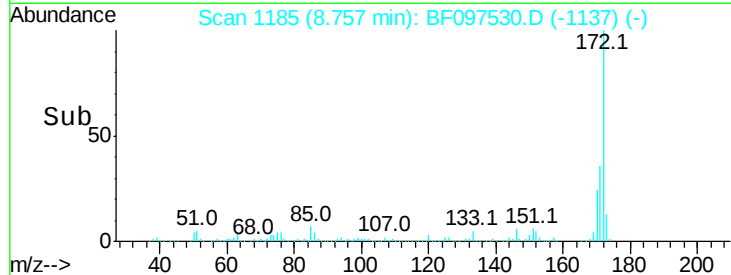
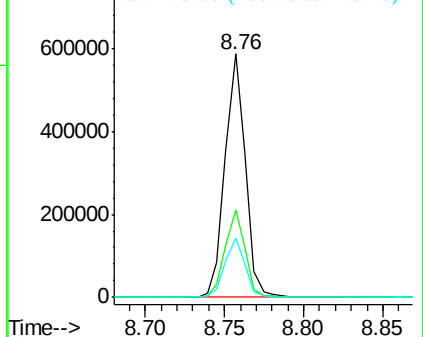
#44
2-Fluorobiphenyl
Concen: 40.890 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

Tot Ion:172 Resp: 523466
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.8 29.8

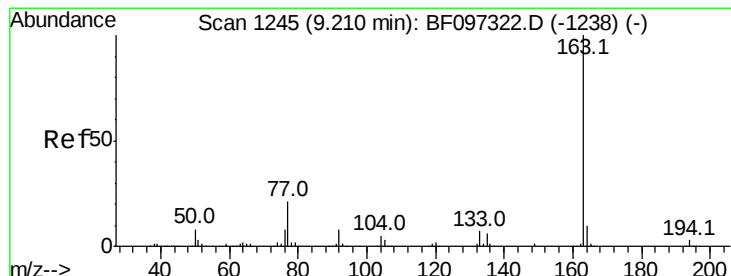


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

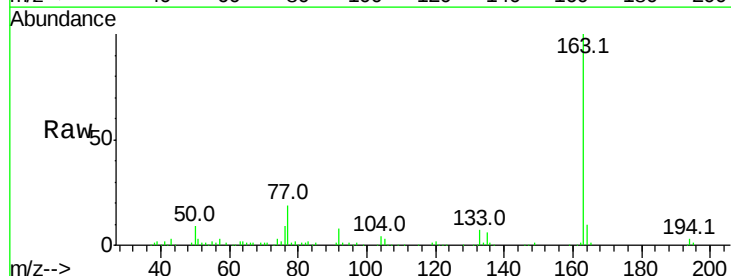
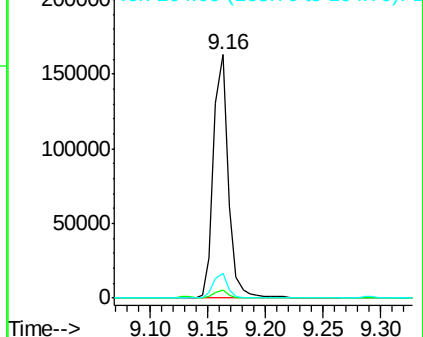


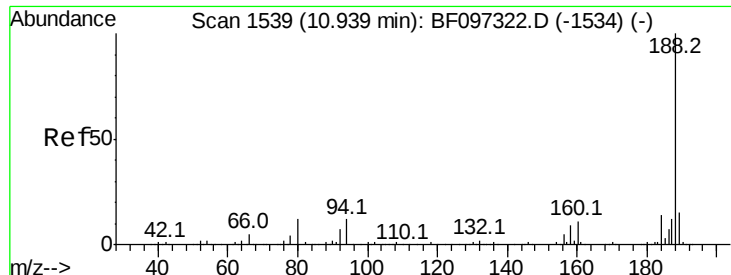
#49
Dimethylphthalate
Concen: 8.861 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:163 Resp: 146193
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

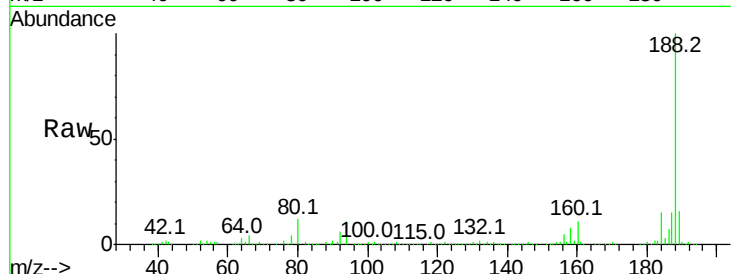




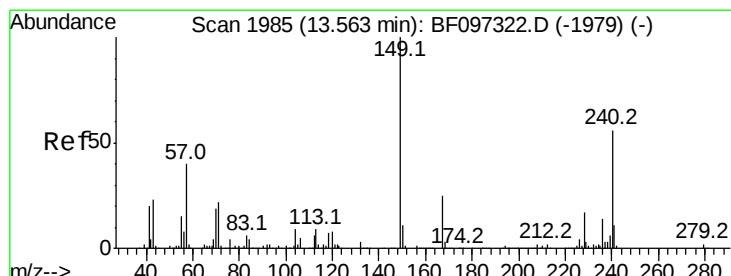
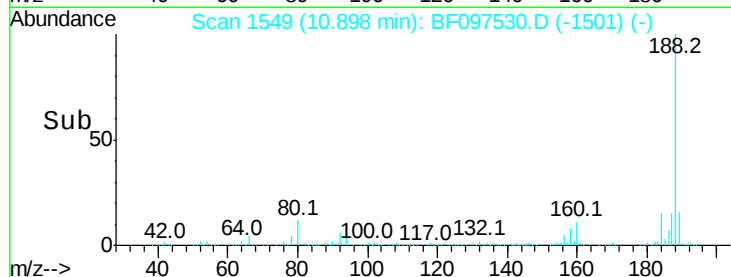
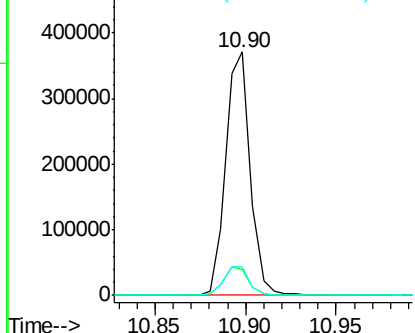
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.6	10.2	15.2

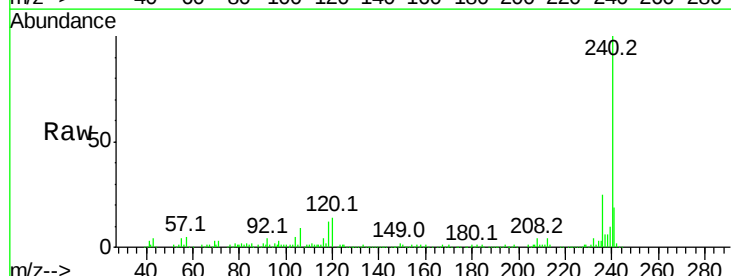


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

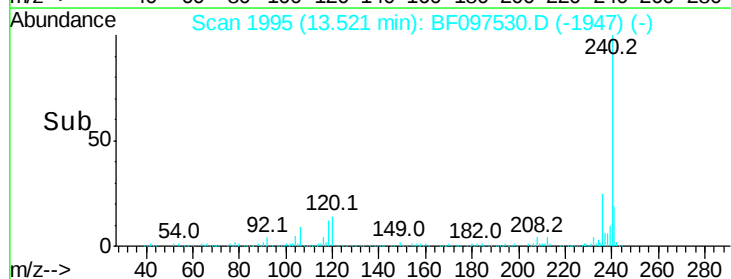
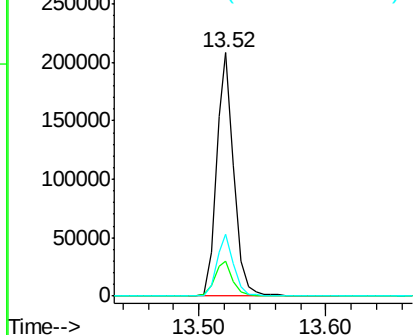


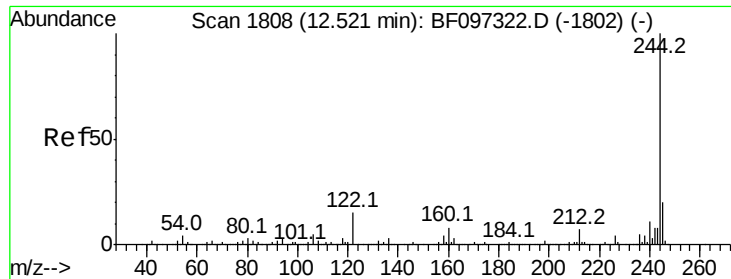
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.5	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: 37.218 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

E2-L9-WSW

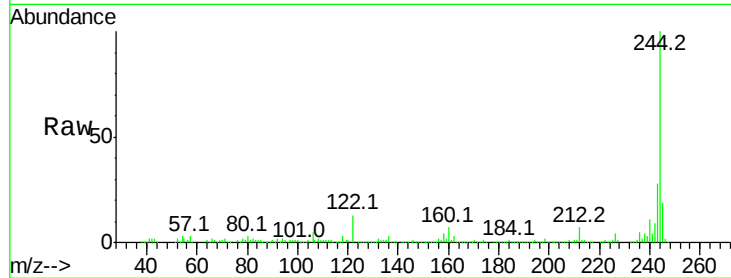
Tot Ion:244 Resp: 361275

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

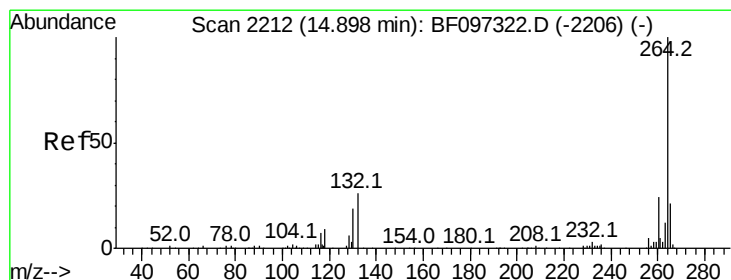
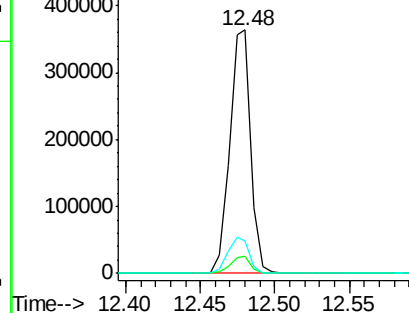
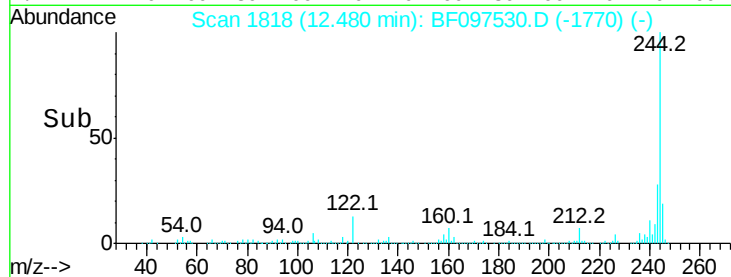
122 13.2 10.3 15.5



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: 20.000 ng

RT: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

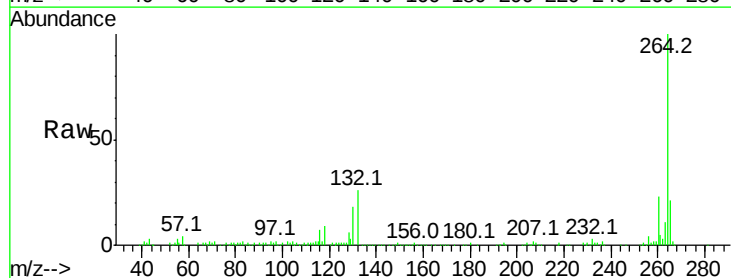
Tgt Ion:264 Resp: 180310

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.3 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

