

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097431.D
 Acq On : 7 Aug 2017 16:09
 Operator : SJ/JU
 Sample : I4625-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Quant Time: Aug 08 05:11:41 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

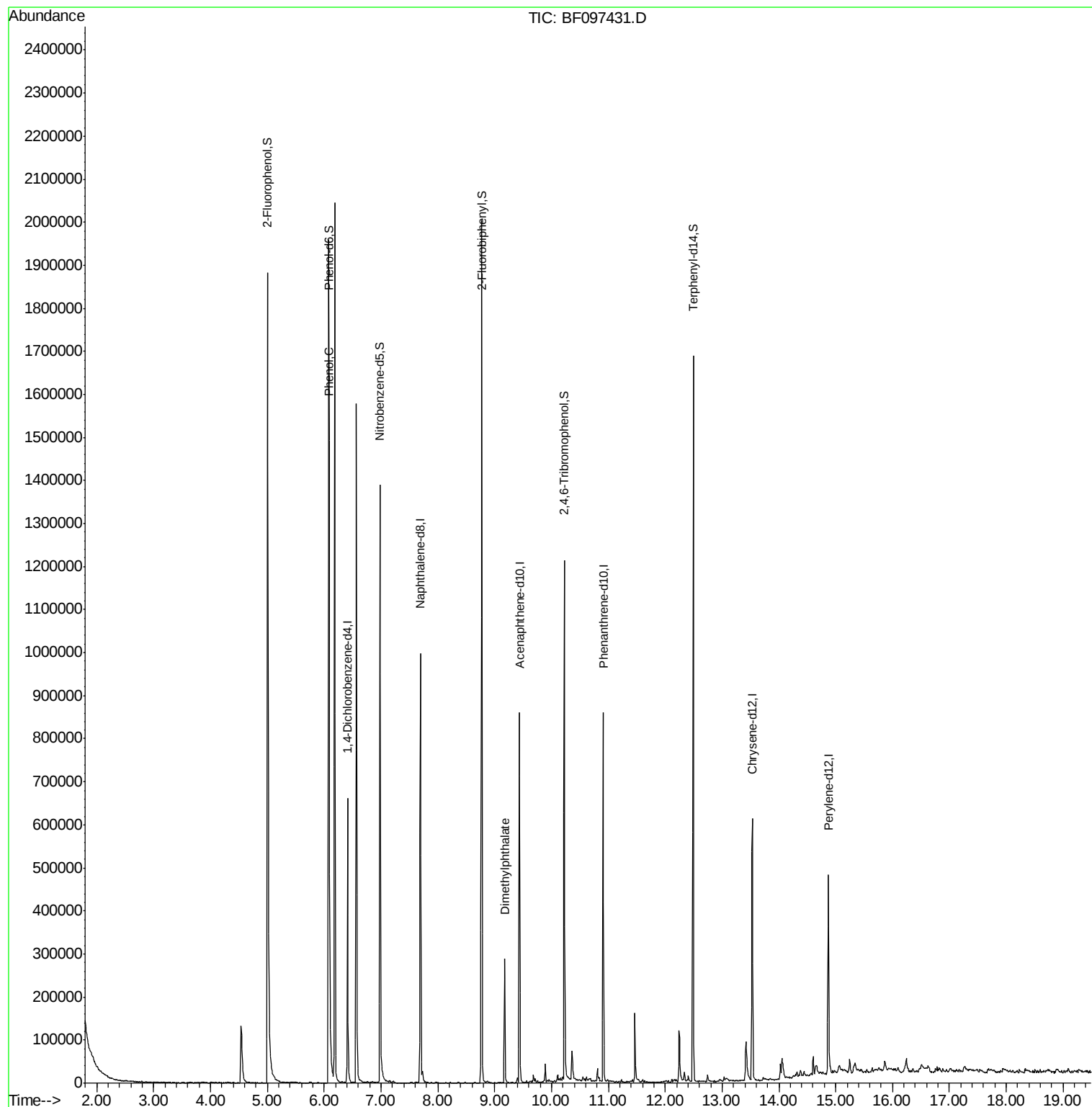
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	99391	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	436255	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	176467	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	297775	20.00	ng	0.00
75) Chrysene-d12	13.53	240	210922	20.00	ng	0.00
86) Perylene-d12	14.87	264	176946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	644949	97.82	ng	0.00
7) Phenol-d6	6.08	99	737396	97.97	ng	0.00
23) Nitrobenzene-d5	6.98	82	442104	59.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	145763	104.55	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	686190	65.99	ng	0.00
78) Terphenyl-d14	12.49	244	519552	50.22	ng	0.00
Target Compounds						
10) Phenol	6.09	94	28254	3.165	ng	Qvalue # 74
49) Dimethylphthalate	9.17	163	119102	8.888	ng	97

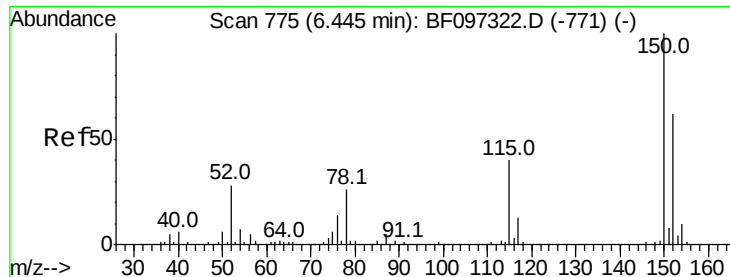
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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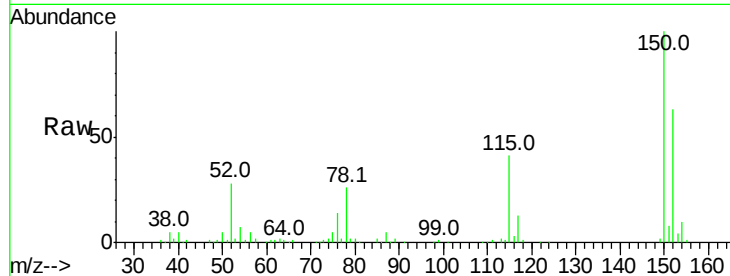


#1

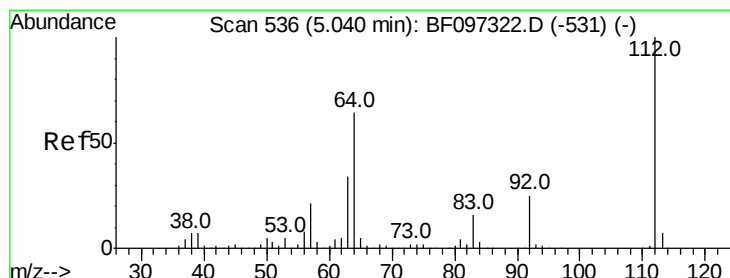
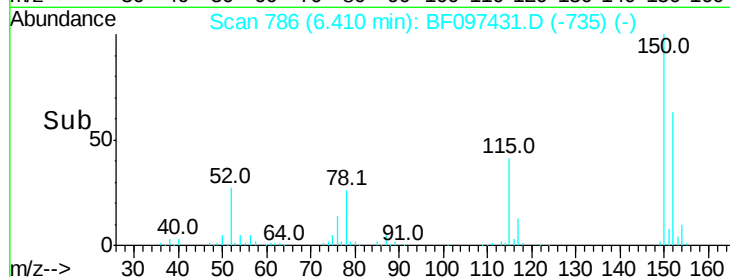
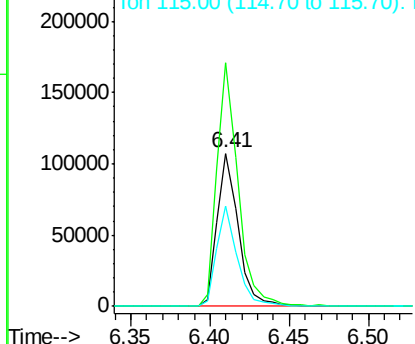
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:152 Resp: 99391
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.2 189.2
 115 65.5 52.2 78.2



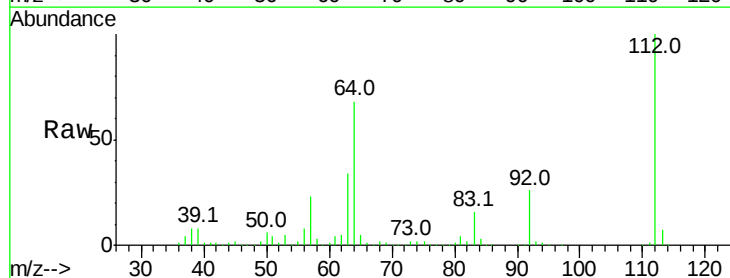
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



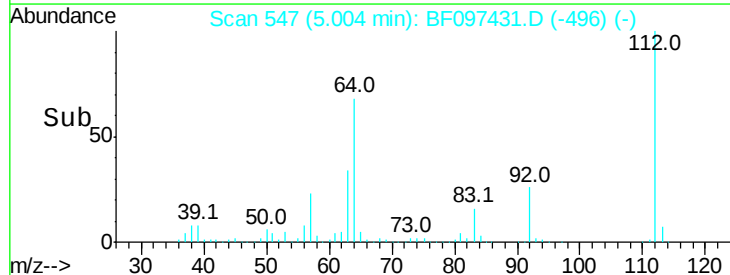
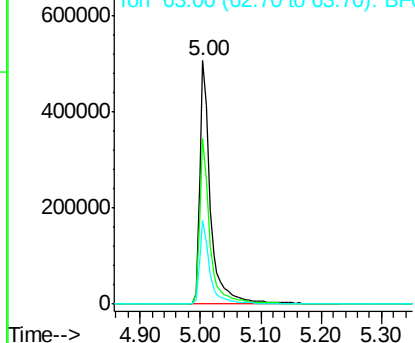
#5

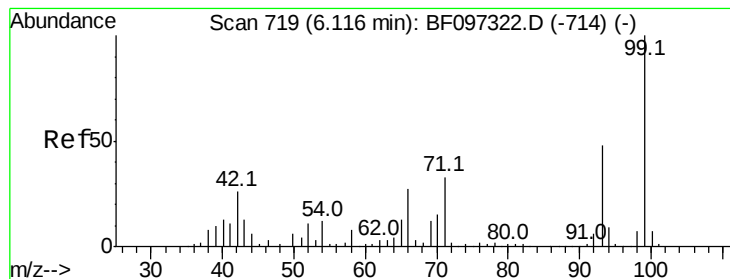
2-Fluorophenol
 Concen: 97.821 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion:112 Resp: 644949
 Ion Ratio Lower Upper
 112 100
 64 67.8 46.0 69.0
 63 34.3 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: 97.969 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

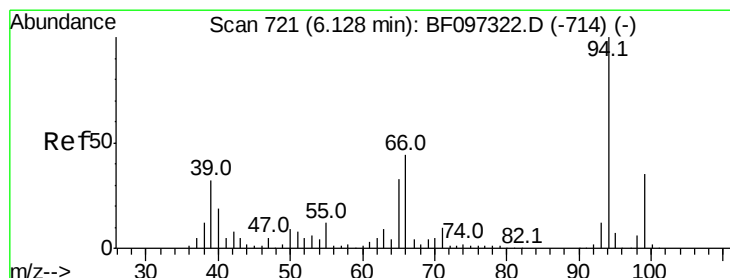
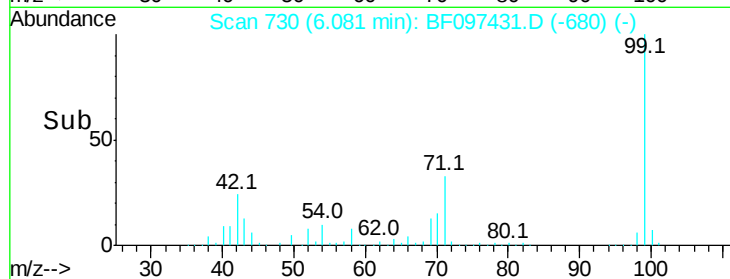
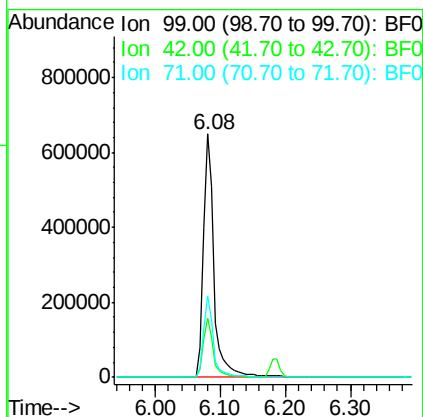
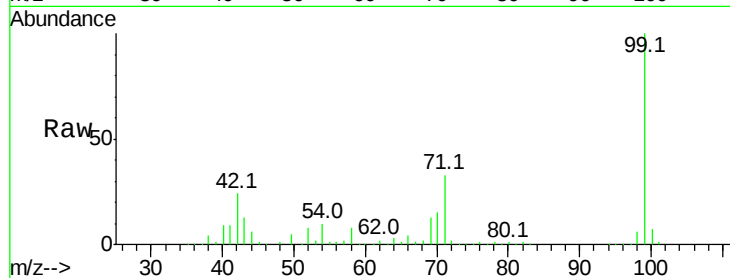
BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

Tot Ion: 99 Resp: 737396

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.5	20.3#
71	33.2	24.5	36.7



#10

Phenol

Concen: 3.165 ng

RT: 6.09 min Scan# 732

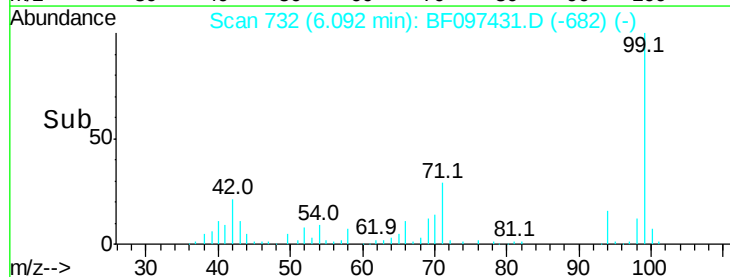
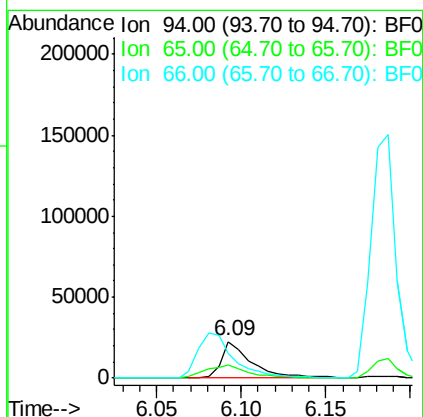
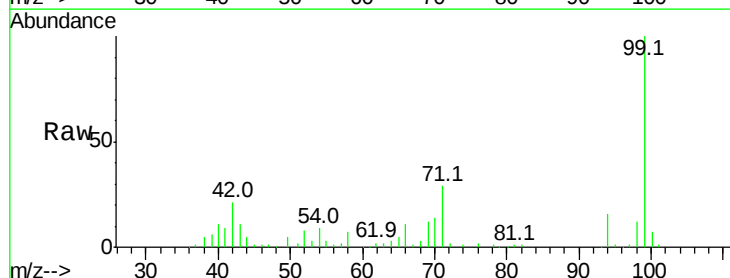
Delta R.T. -0.01 min

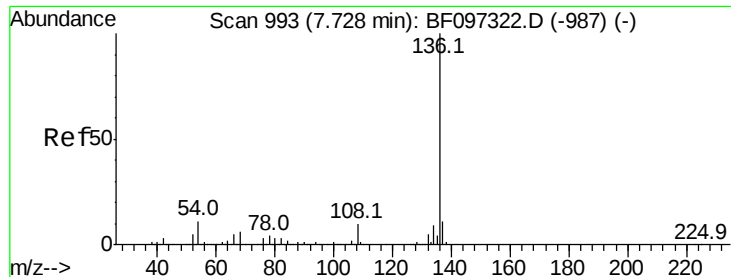
Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Tgt Ion: 94 Resp: 28254

Ion	Ratio	Lower	Upper
94	100		
65	34.6	9.9	49.9
66	67.3	23.1	63.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

Tot Ion:136 Resp: 436255

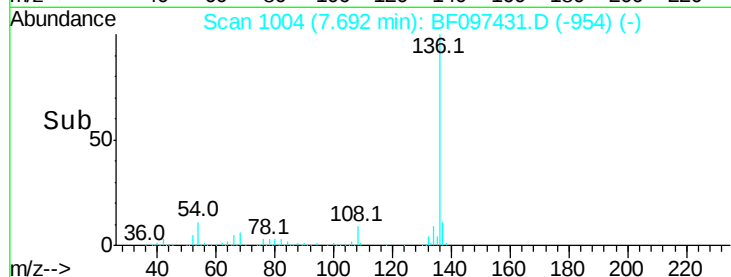
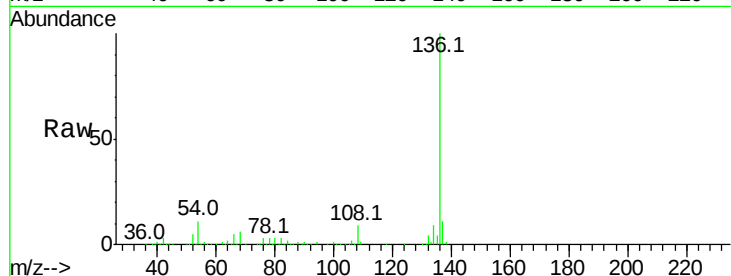
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.8 4.9 7.3#

68 5.8 4.1 6.1

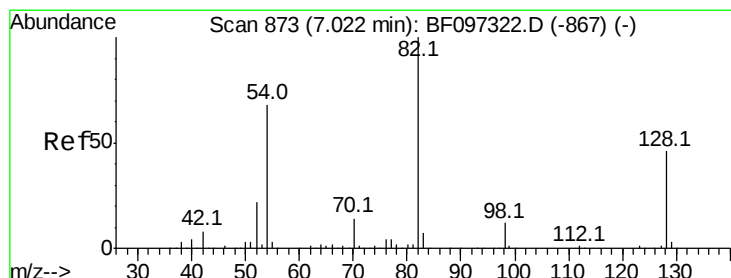
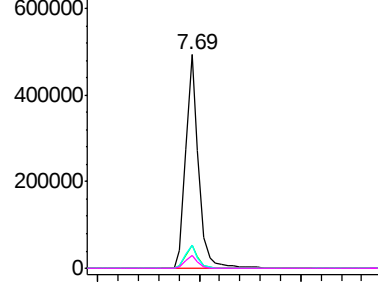


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.451 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

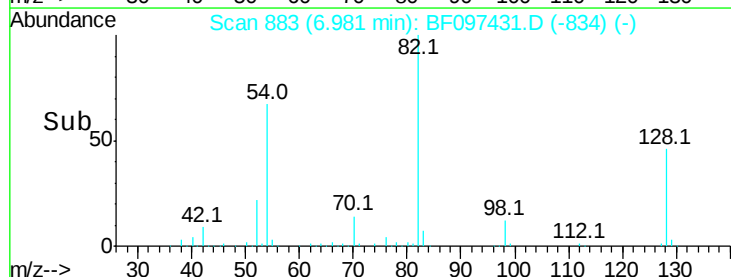
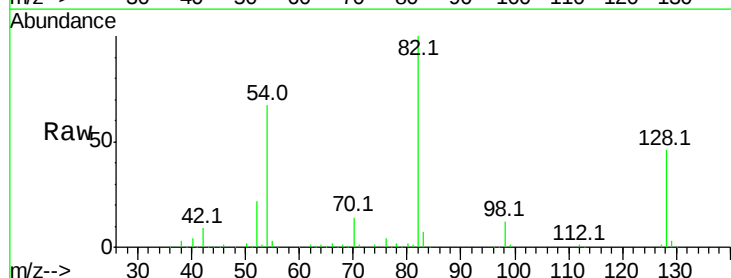
Tgt Ion: 82 Resp: 442104

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

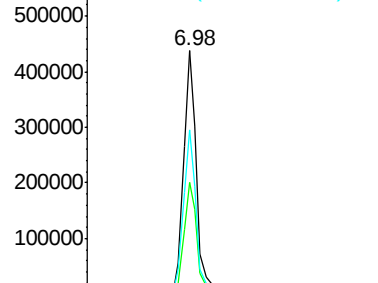
54 67.4 42.2 63.2#

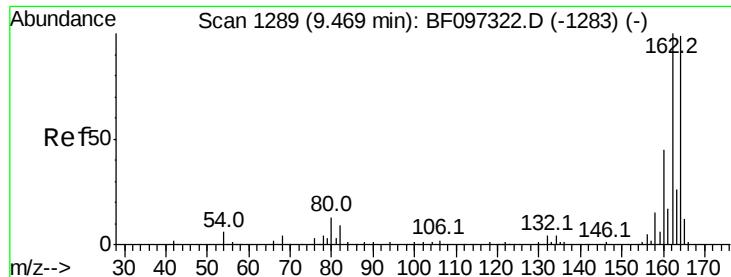


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

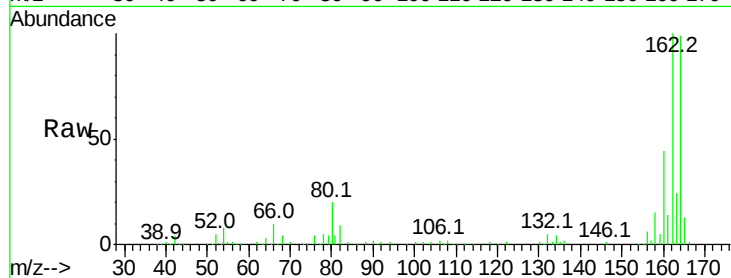
Tot Ion:164 Resp: 176467

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

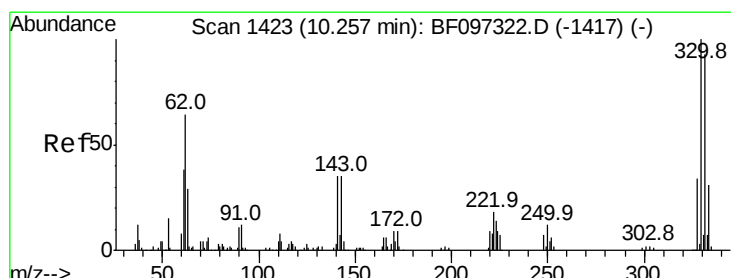
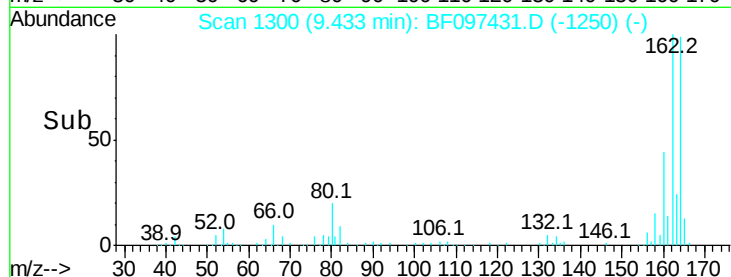
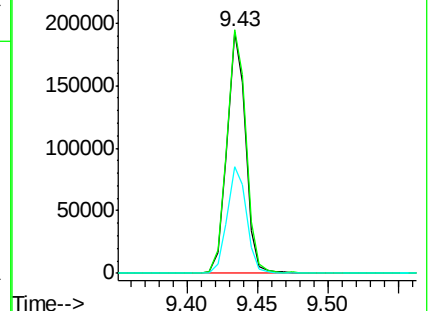
160 44.2 36.2 54.2



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: 104.545 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

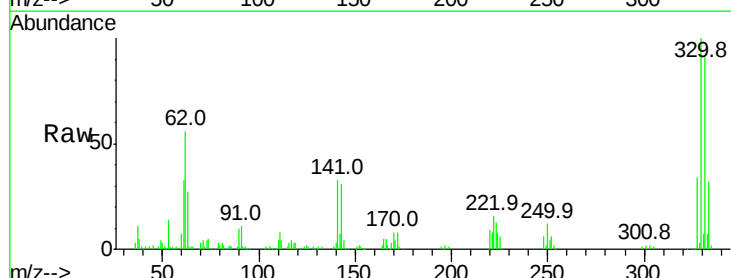
Tgt Ion:330 Resp: 145763

Ion Ratio Lower Upper

330 100

332 93.9 76.6 115.0

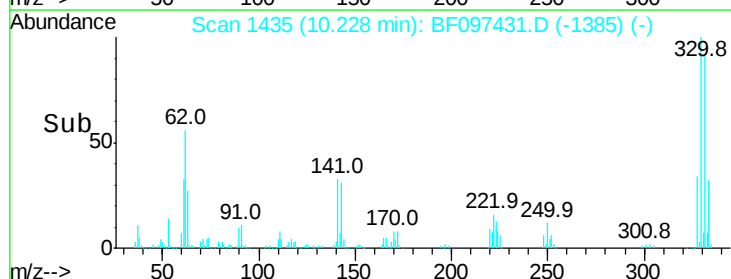
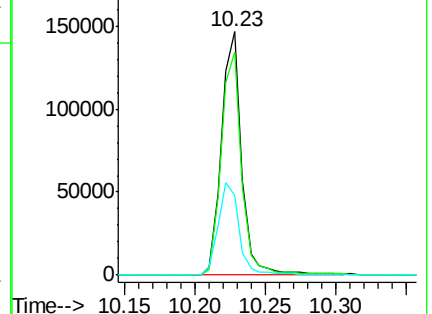
141 40.2 31.4 47.2

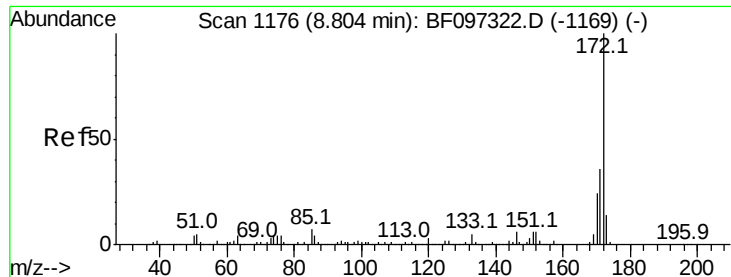


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

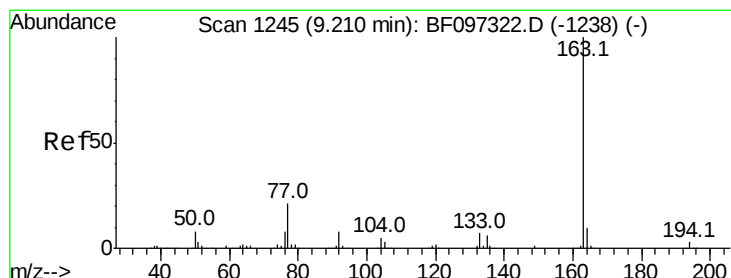
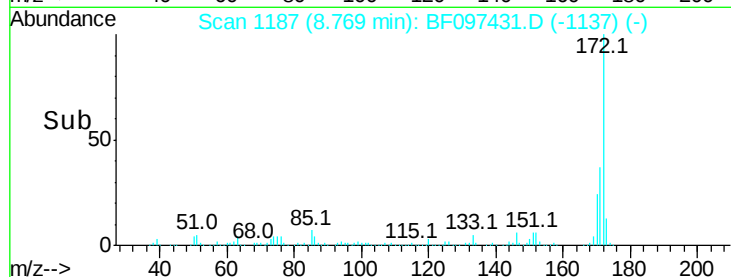
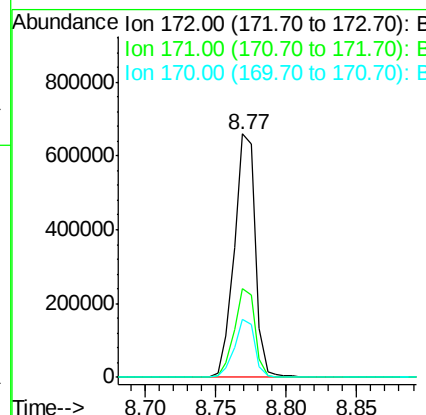
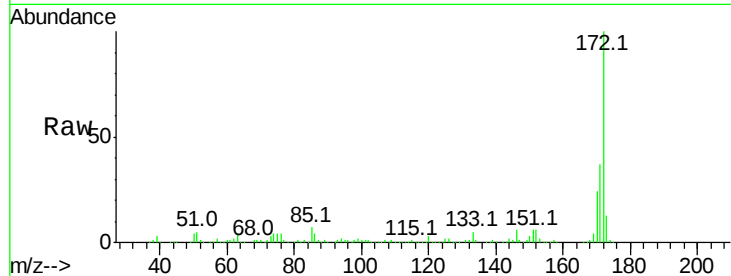




#44
2-Fluorobiphenyl
Concen: 65.991 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

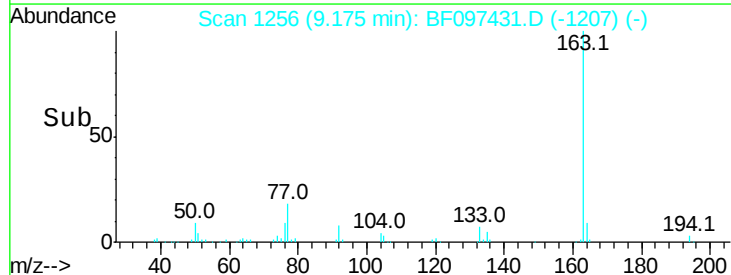
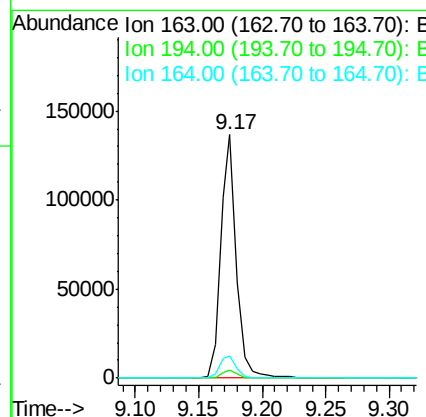
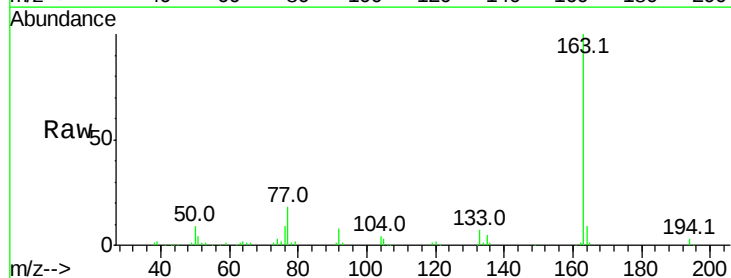
Instrument :
BNA_F
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CLINTON-AVE-COMP-1

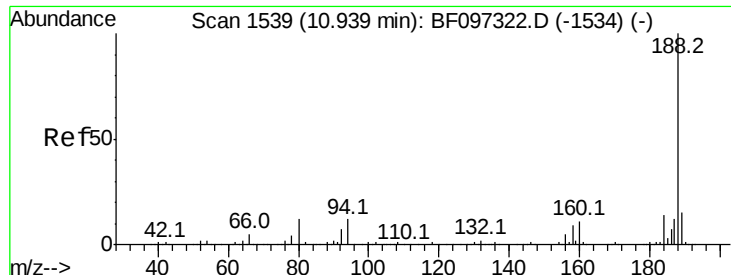
Tot Ion:172 Resp: 686190
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 8.888 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

Tgt Ion:163 Resp: 119102
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.1 8.4 12.6

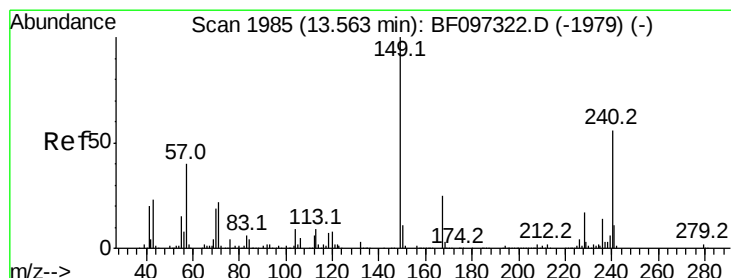
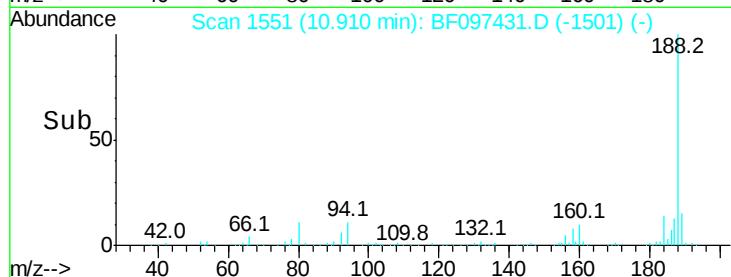
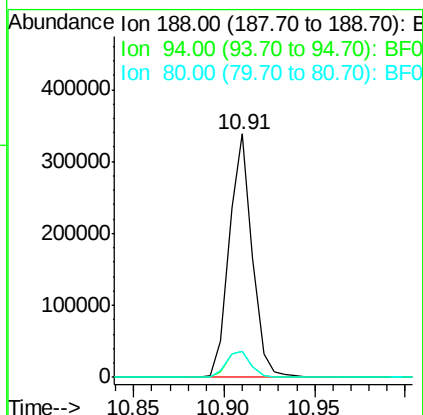
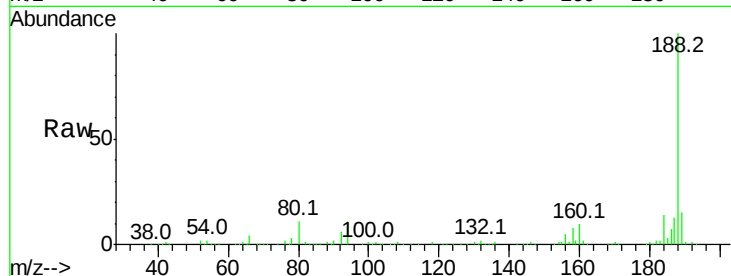




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

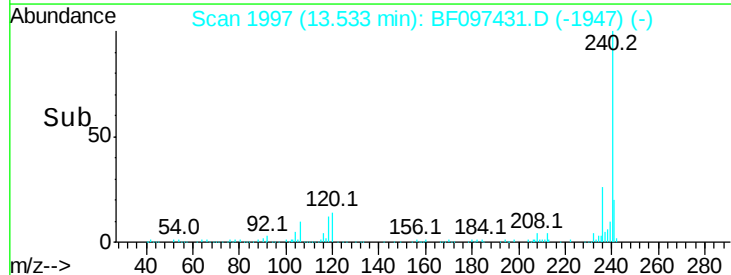
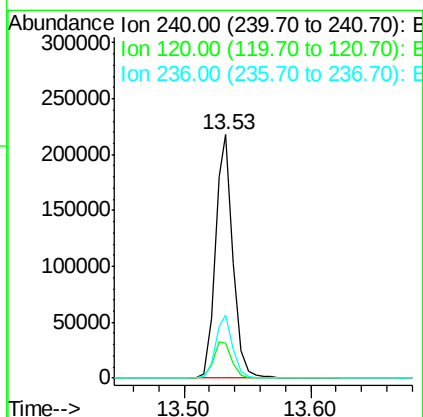
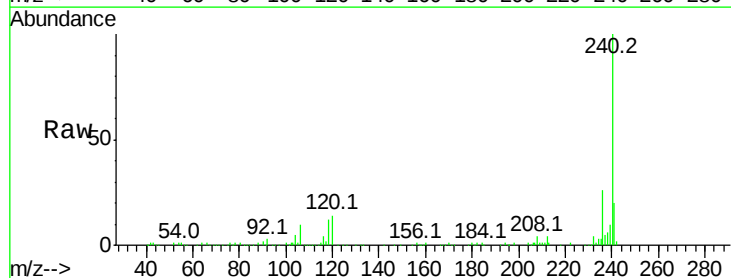
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-1

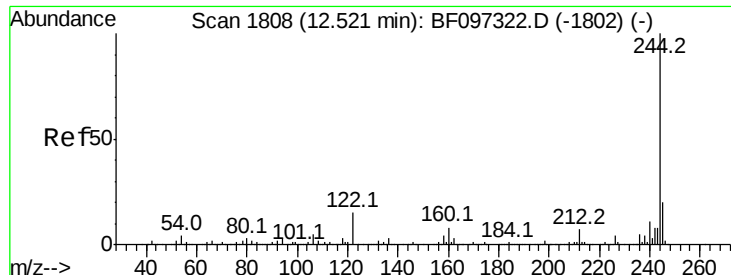
Tot Ion:188 Resp: 297775
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

Tgt Ion:240 Resp: 210922
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 50.222 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

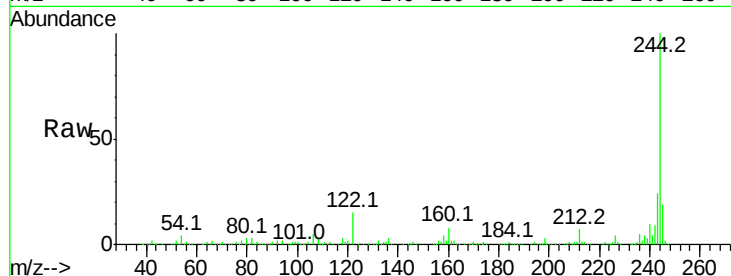
Tot Ion:244 Resp: 519552

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

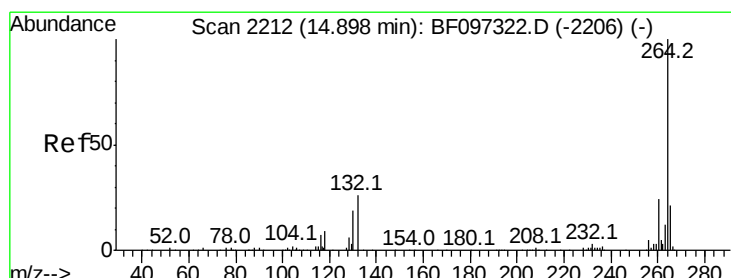
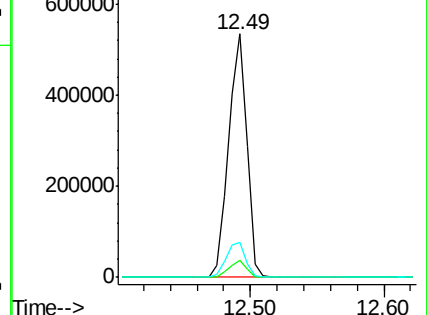
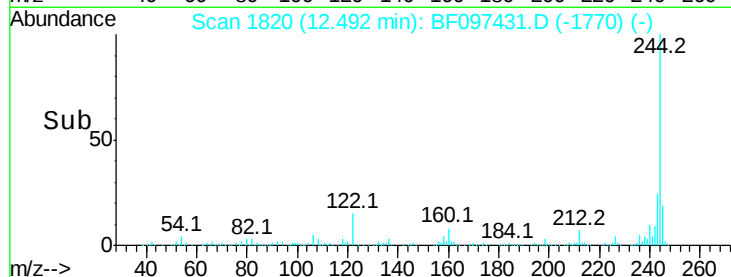
122 14.5 10.3 15.5



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: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

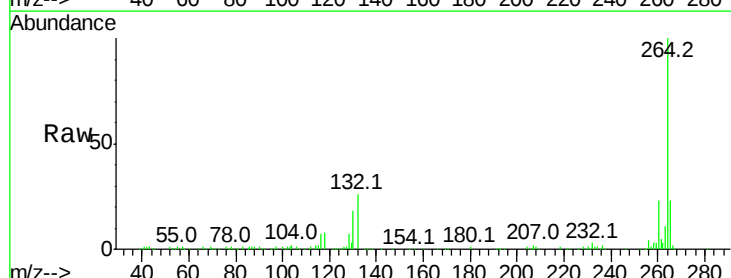
Tgt Ion:264 Resp: 176946

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.7 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

