

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097168.D
 Acq On : 28 Jul 2017 21:54
 Operator : SJ/JU
 Sample : I4473-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

Quant Time: Jul 28 23:30:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

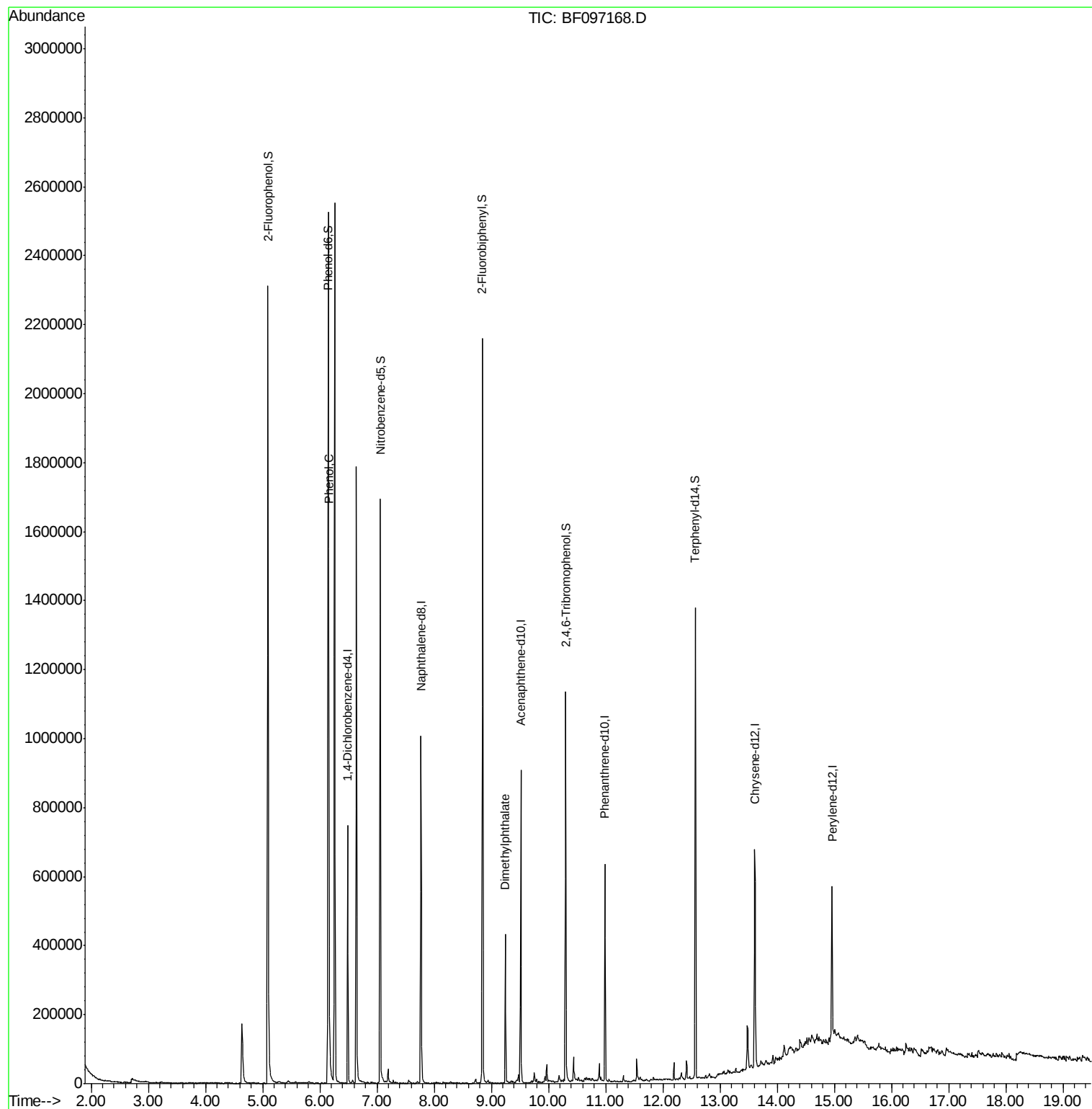
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	99188	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	422679	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	171154	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	208239	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	202432	20.00	ng	-0.02
86) Perylene-d12	14.96	264	173859	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	738984	112.31	ng	0.00
7) Phenol-d6	6.15	99	914370	121.73	ng	-0.02
23) Nitrobenzene-d5	7.06	82	507725	70.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	121495	89.84	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	720707	71.46	ng	-0.02
78) Terphenyl-d14	12.57	244	440772	44.39	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	45948	5.157	ng	95
49) Dimethylphthalate	9.25	163	155085	11.932	ng	99

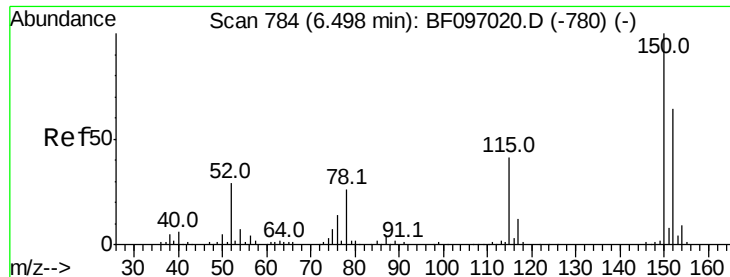
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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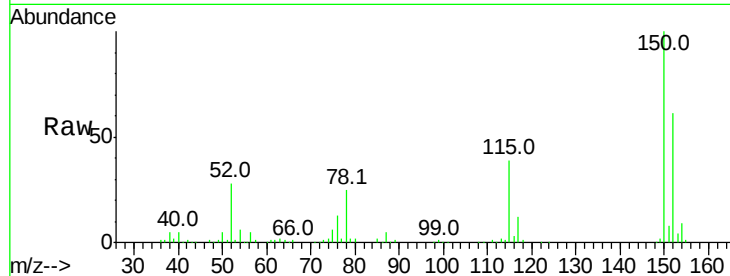


#1

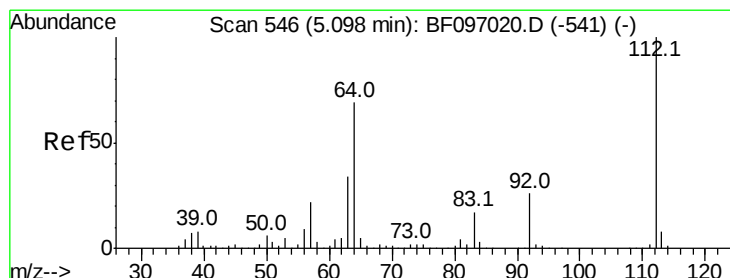
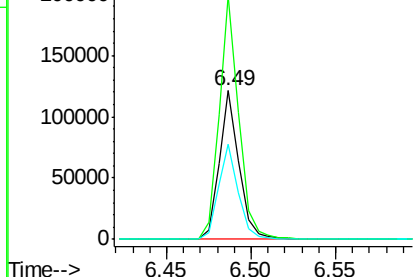
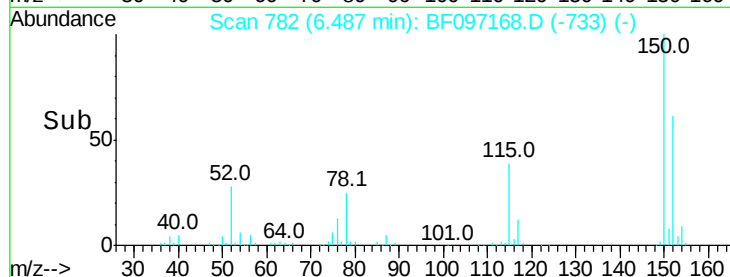
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

Tot Ion:152 Resp: 99188
 Ion Ratio Lower Upper
 152 100
 150 163.7 126.2 189.2
 115 63.6 52.2 78.2



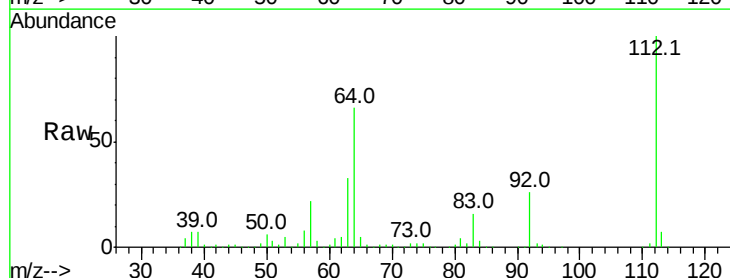
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



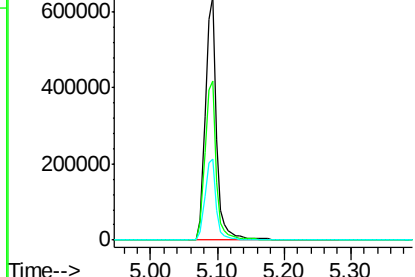
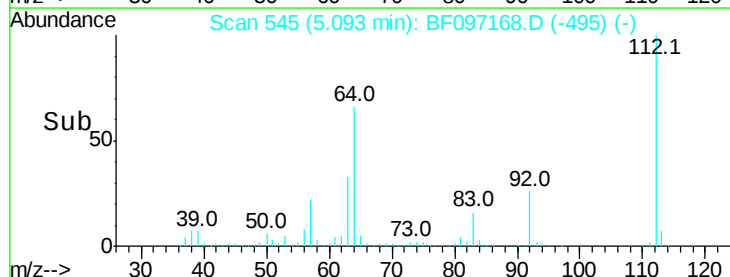
#5

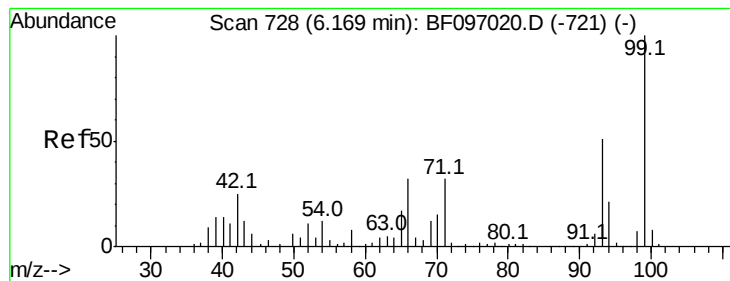
2-Fluorophenol
 Concen: 112.313 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Tgt Ion:112 Resp: 738984
 Ion Ratio Lower Upper
 112 100
 64 65.5 46.0 69.0
 63 33.1 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: 121.729 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

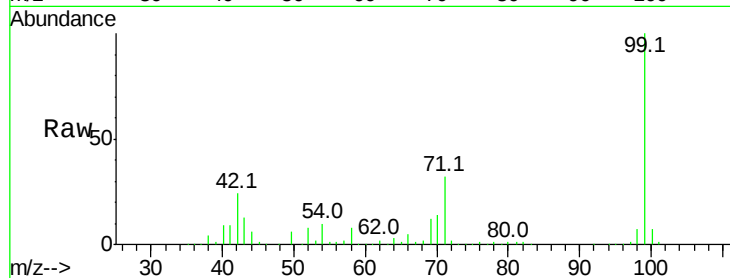
Tot Ion: 99 Resp: 914370

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

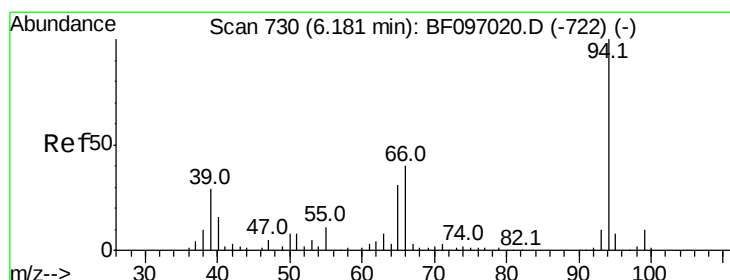
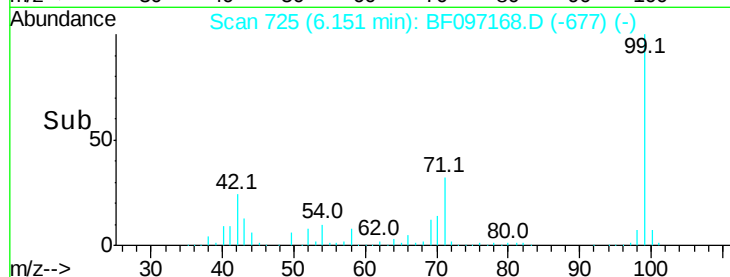
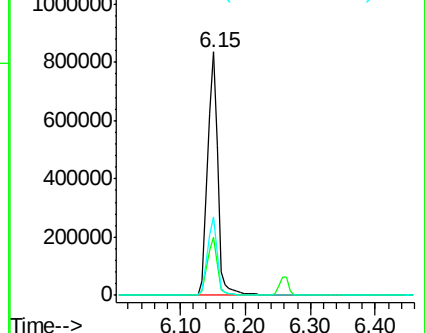
71 32.4 24.5 36.7



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: 5.157 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

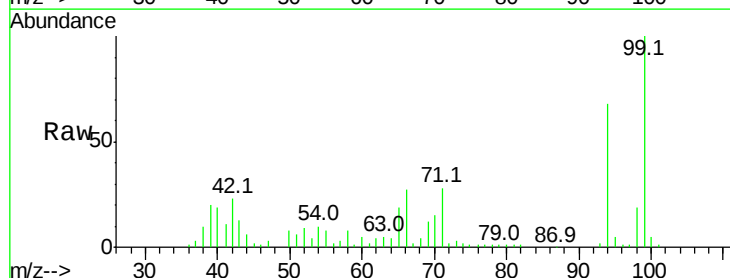
Tgt Ion: 94 Resp: 45948

Ion Ratio Lower Upper

94 100

65 27.9 9.9 49.9

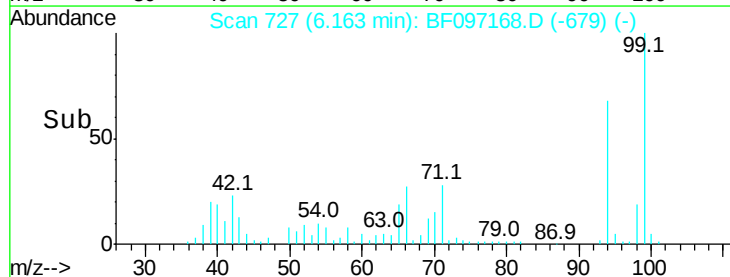
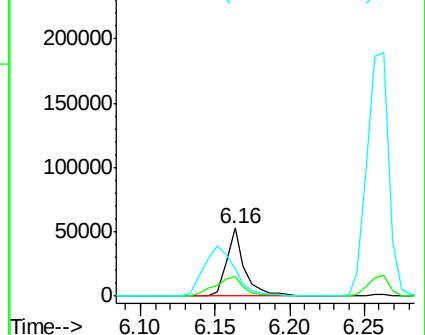
66 39.5 23.1 63.1

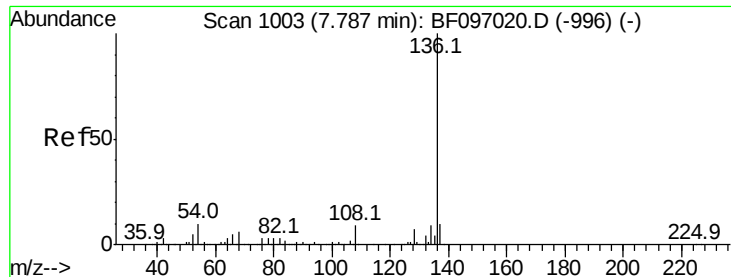


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

Tot Ion:136 Resp: 422679

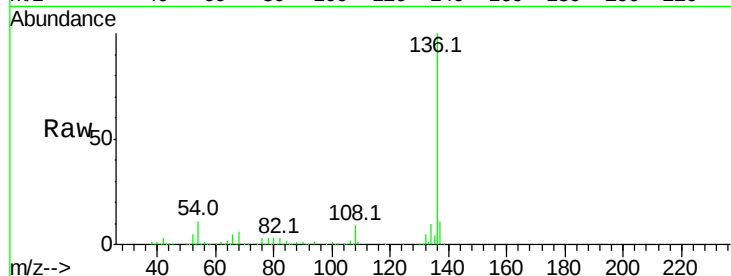
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.5 4.9 7.3#

68 5.9 4.1 6.1

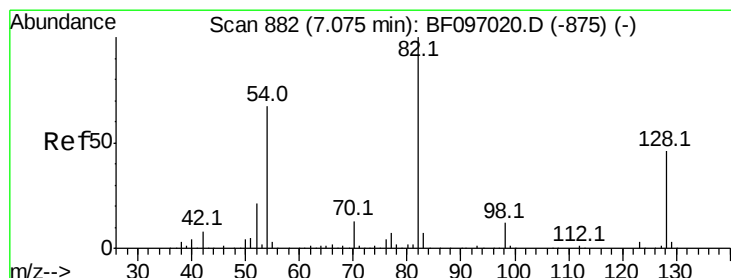
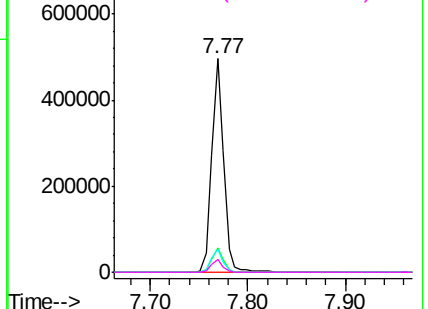
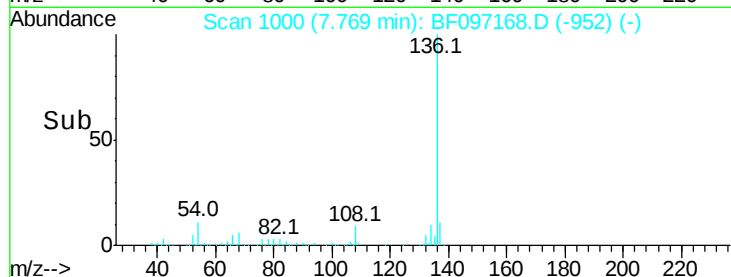


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.468 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

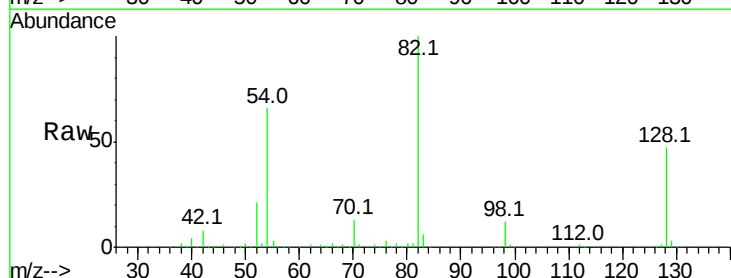
Tgt Ion: 82 Resp: 507725

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

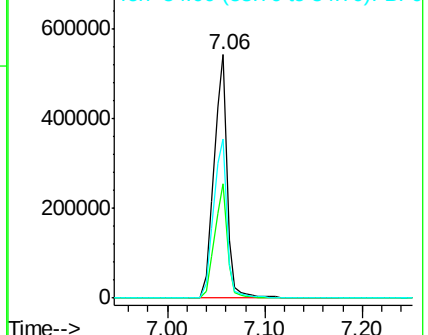
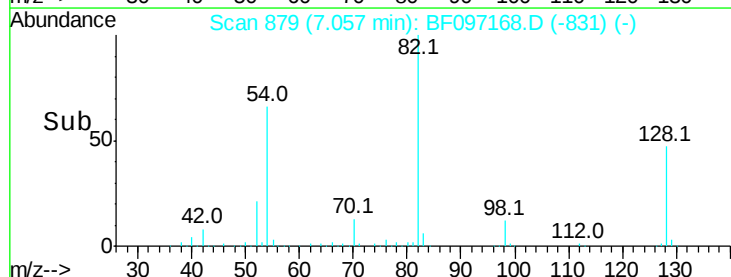
54 65.6 42.2 63.2#

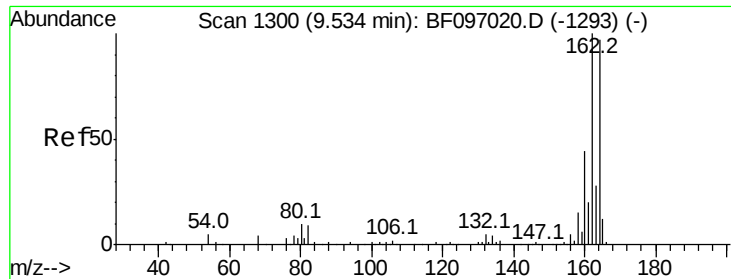


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

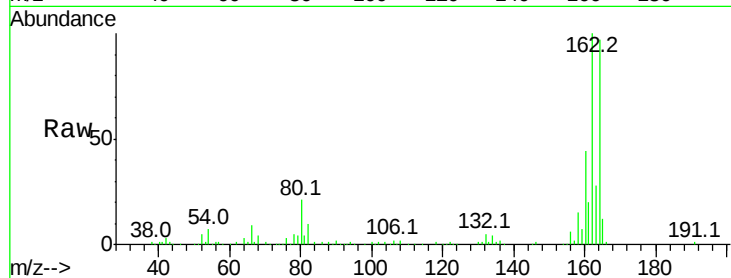




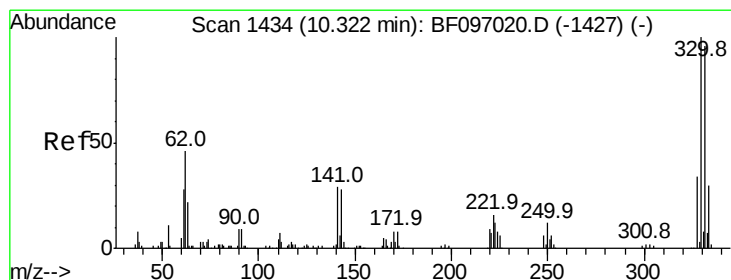
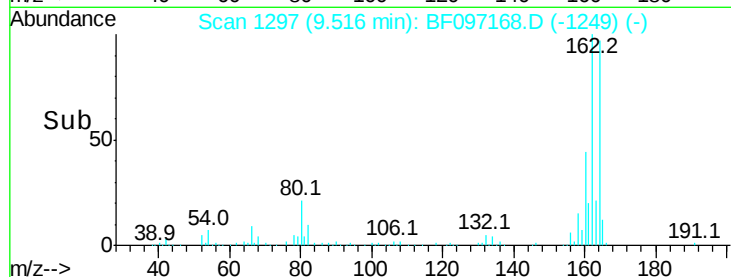
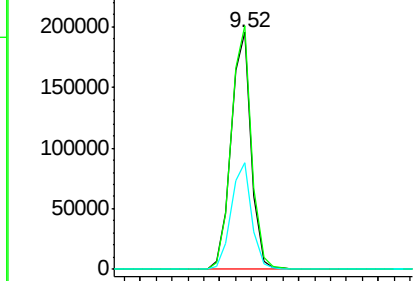
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-202-286-280

Tot Ion:164 Resp: 171154
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.7 36.2 54.2

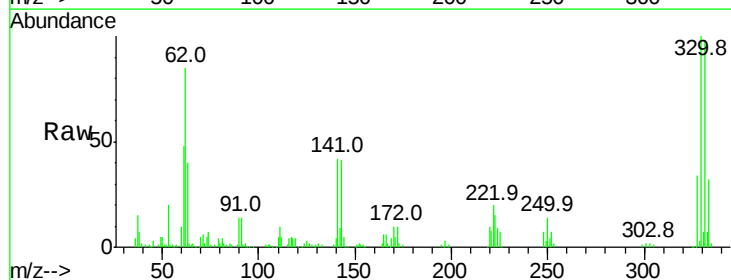


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

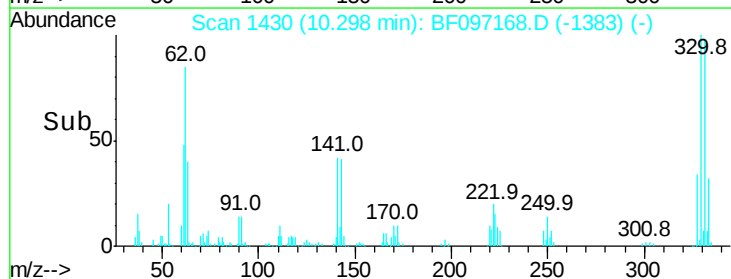
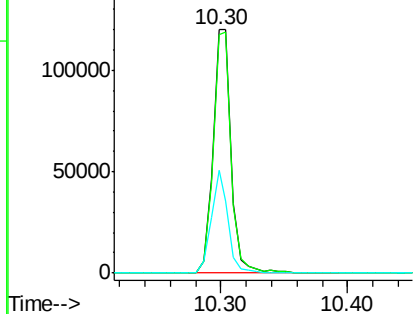


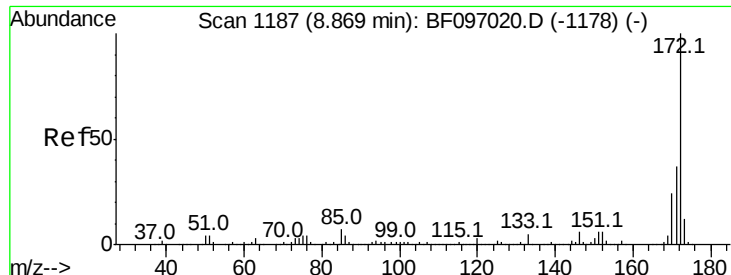
#41
 2,4,6-Tribromophenol
 Concen: 89.844 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097168.D
 Acq: 28 Jul 2017 21:54

Tgt Ion:330 Resp: 121495
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.2 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

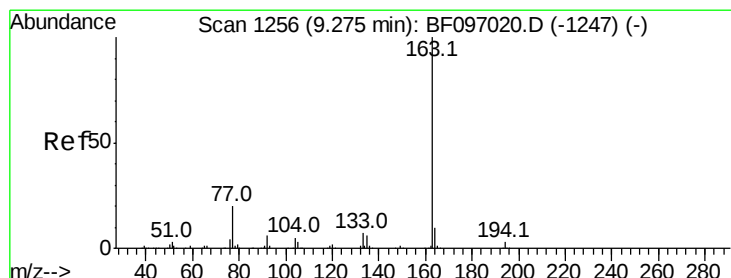
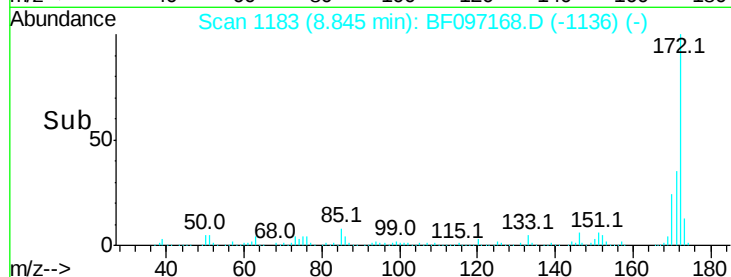
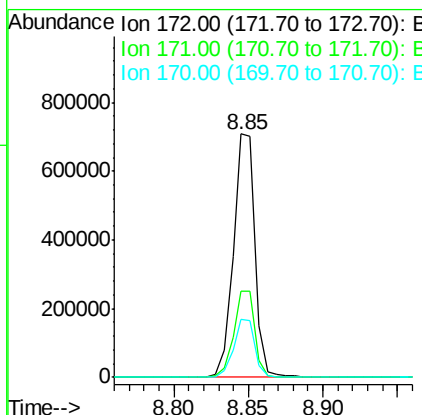
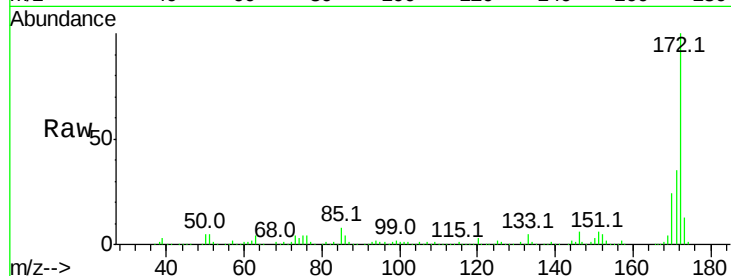




#44
2-Fluorobiphenyl
Concen: 71.463 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

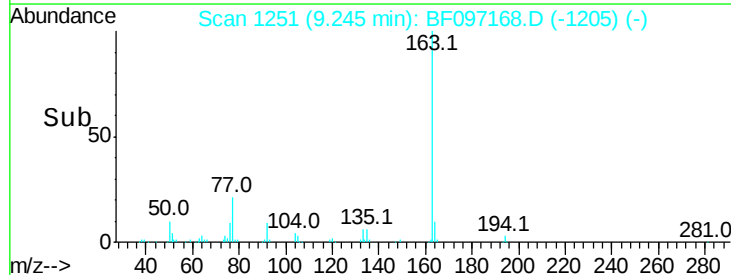
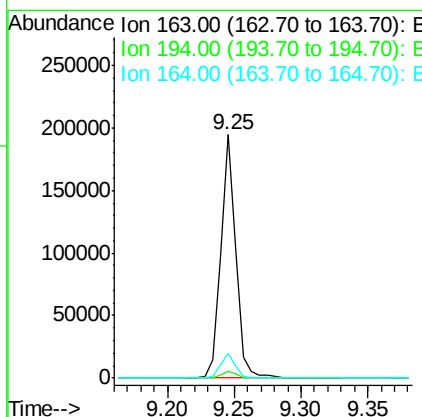
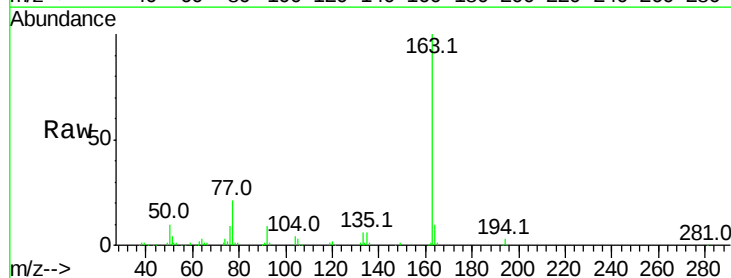
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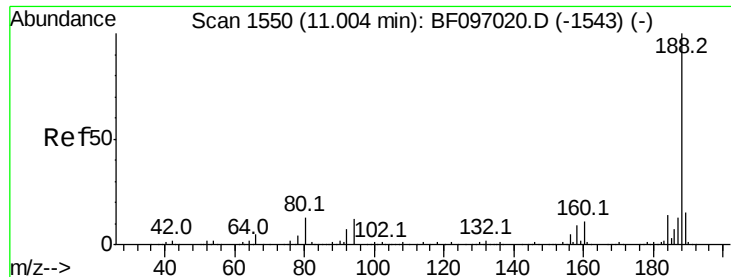
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.0	19.8	29.8



#49
Dimethylphthalate
Concen: 11.932 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.3	8.4	12.6

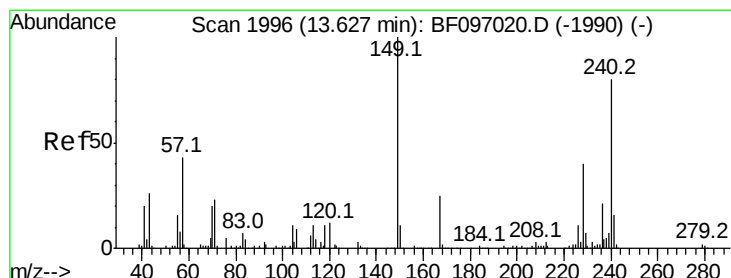
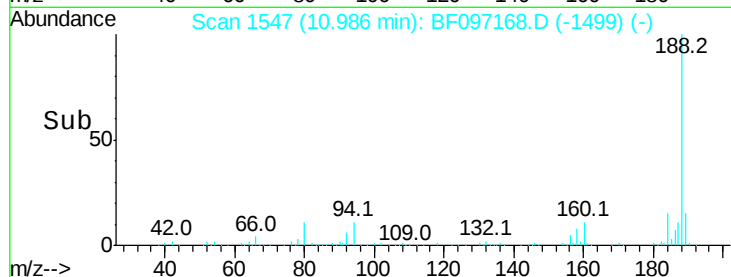
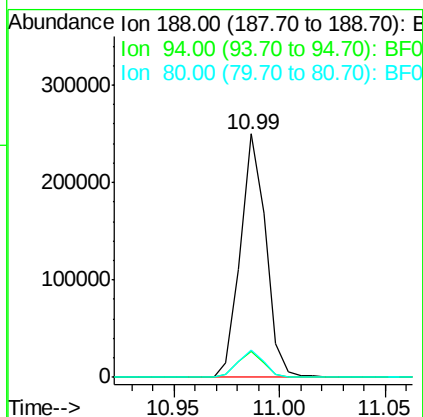
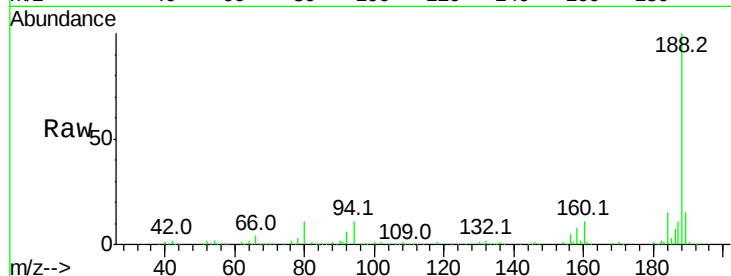




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

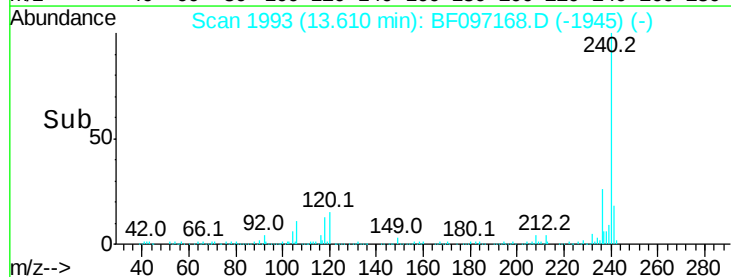
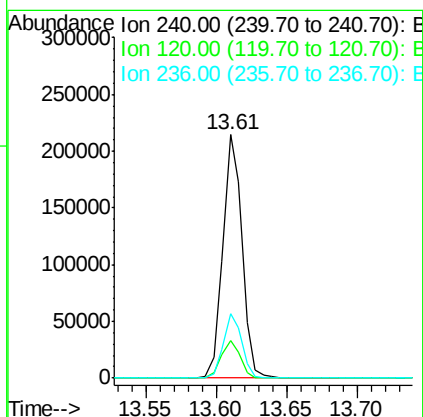
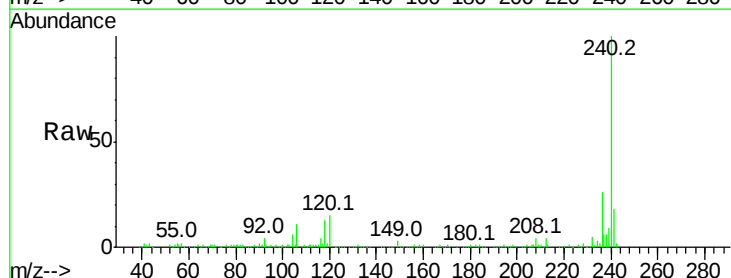
Instrument :
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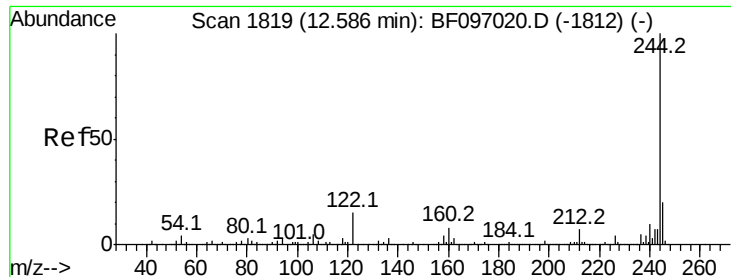
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.4	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097168.D
Acq: 28 Jul 2017 21:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 44.394 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

Instrument :

BNA_F

ClientSampleId :

VNJ-202-286-280

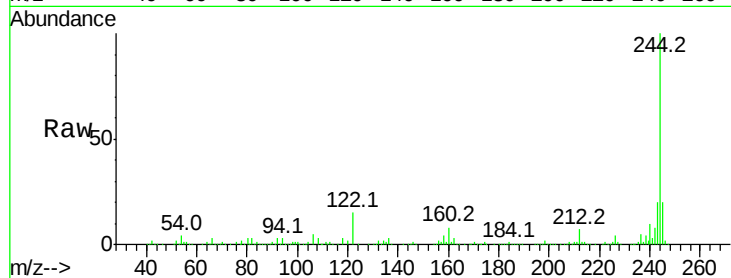
Tot Ion:244 Resp: 440772

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

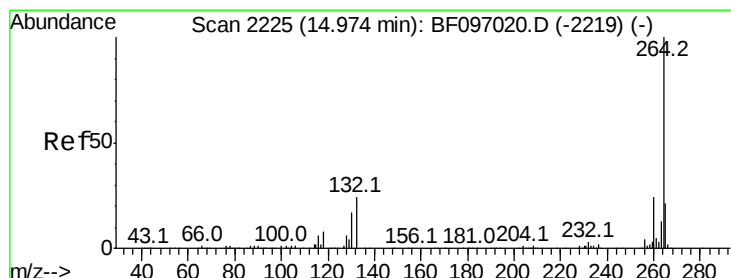
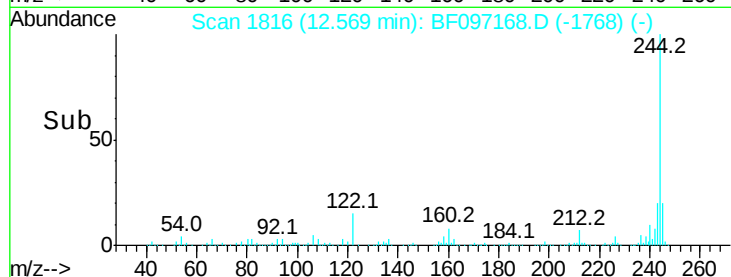
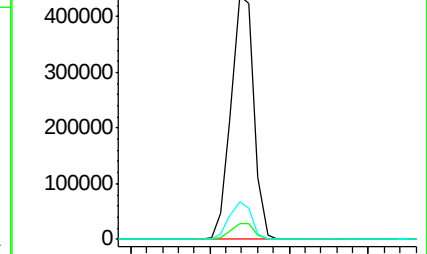
122 15.3 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097168.D

Acq: 28 Jul 2017 21:54

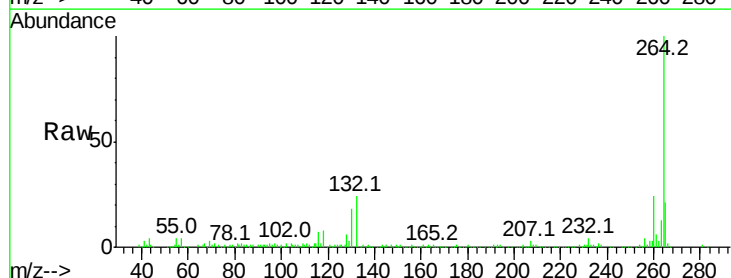
Tgt Ion:264 Resp: 173859

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.8 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

