

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097048.D
 Acq On : 26 Jul 2017 00:07
 Operator : SJ/JU
 Sample : I4359-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-7-(0-2)

Quant Time: Jul 26 03:08:24 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

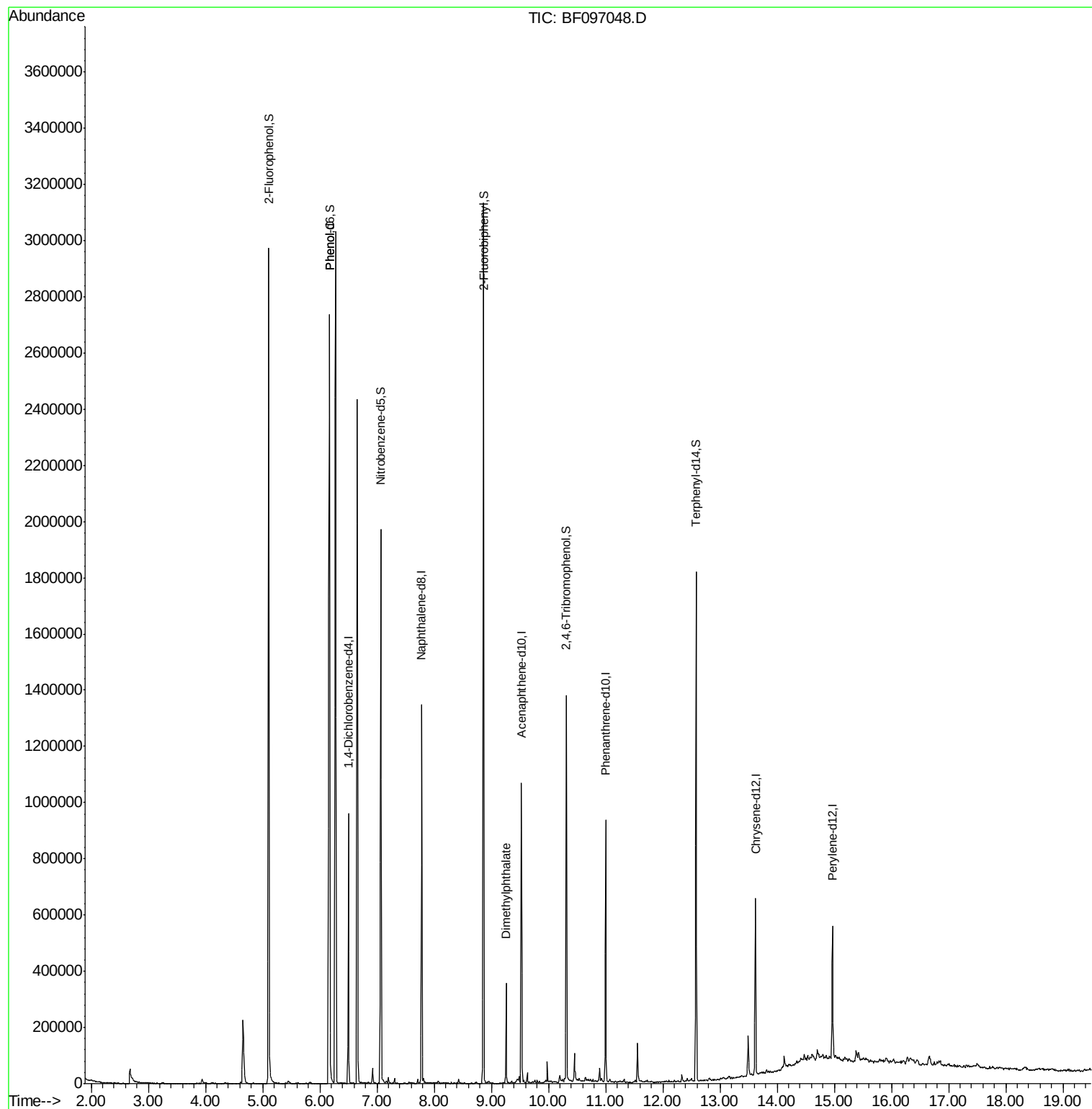
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	135013	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	551222	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	208350	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	296999	20.00	ng	0.00
75) Chrysene-d12	13.62	240	206044	20.00	ng	0.00
86) Perylene-d12	14.97	264	183488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	916007	102.28	ng	0.00
7) Phenol-d6	6.17	99	1060265	103.70	ng	0.00
23) Nitrobenzene-d5	7.07	82	639327	68.04	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	166293	101.02	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	986461	80.35	ng	0.00
78) Terphenyl-d14	12.59	244	577079	57.10	ng	0.00
Target Compounds						
10) Phenol	6.17	94	36151	2.981	ng	80
49) Dimethylphthalate	9.26	163	126964	8.025	ng	98

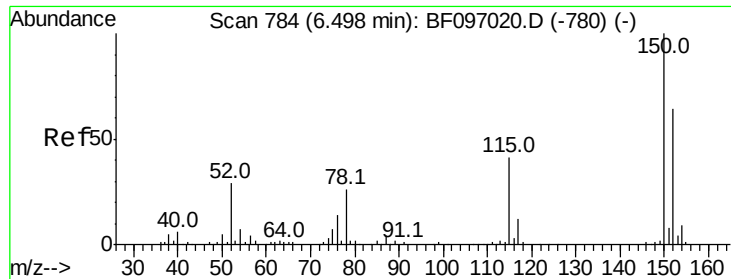
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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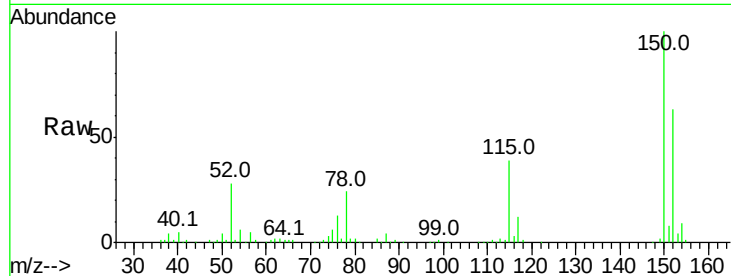


#1

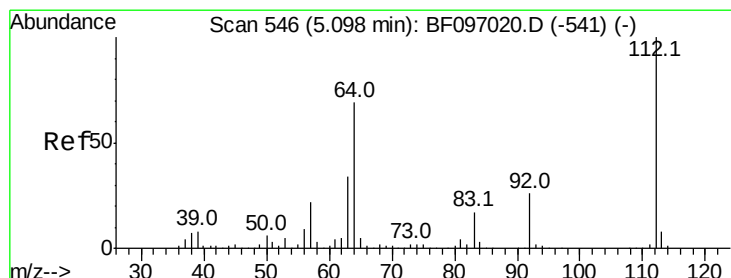
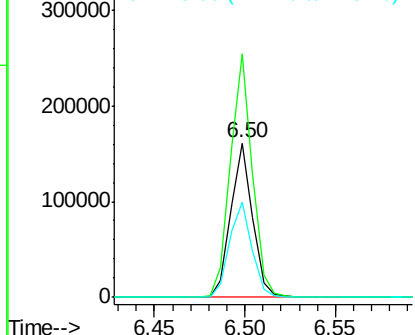
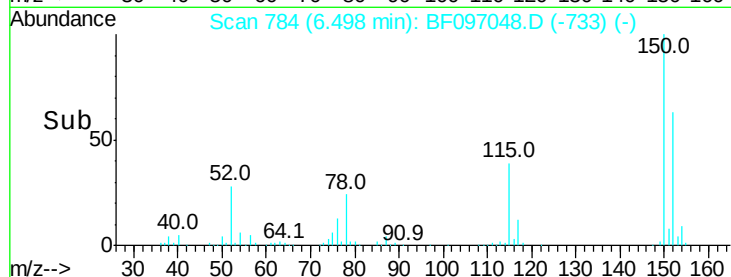
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.50 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-7-(0-2)

Tot Ion:152 Resp: 135013
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 61.6 52.2 78.2



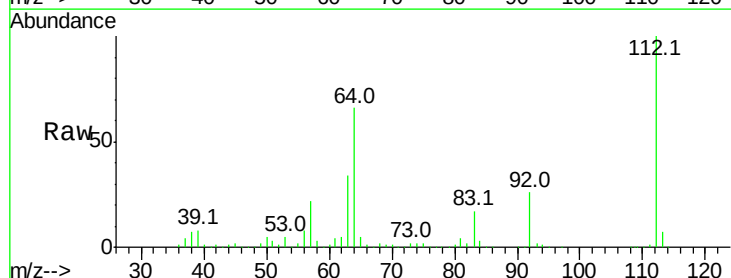
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



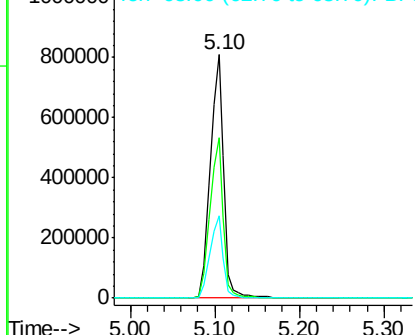
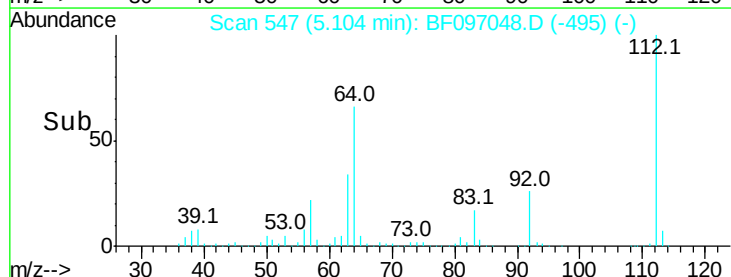
#5

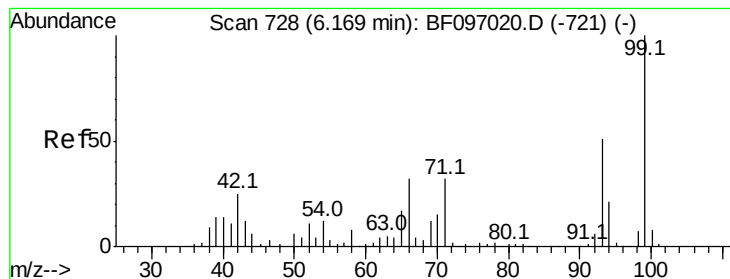
2-Fluorophenol
 Concen: 102.277 ng
 RT: 5.10 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:112 Resp: 916007
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 34.0 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: 103.698 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

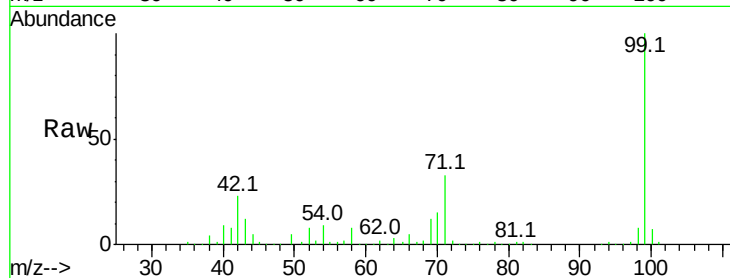
Tot Ion: 99 Resp: 1060265

Ion Ratio Lower Upper

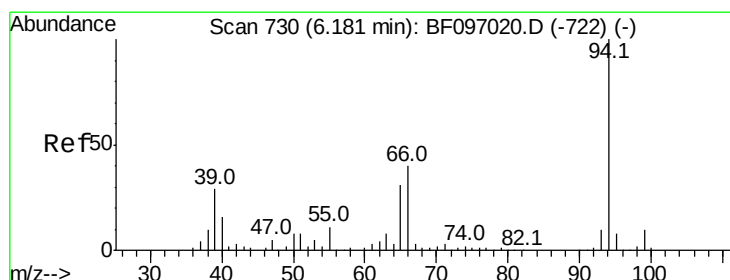
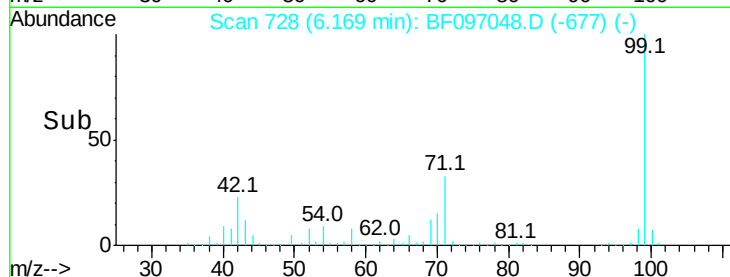
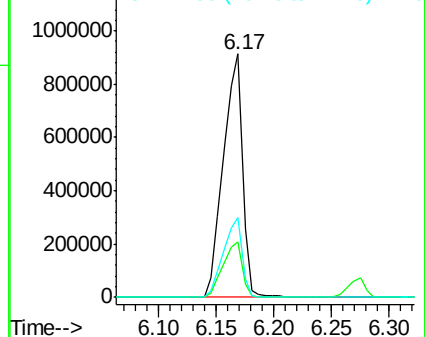
99 100

42 22.8 13.5 20.3#

71 32.8 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: 2.981 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

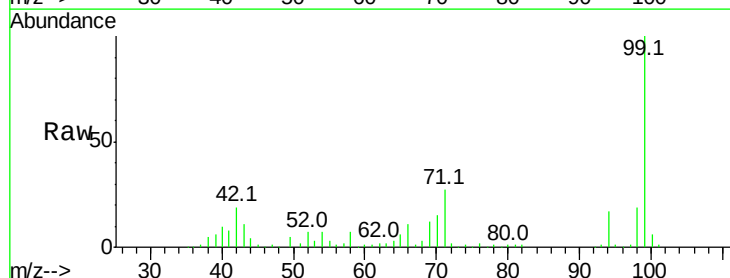
Tgt Ion: 94 Resp: 36151

Ion Ratio Lower Upper

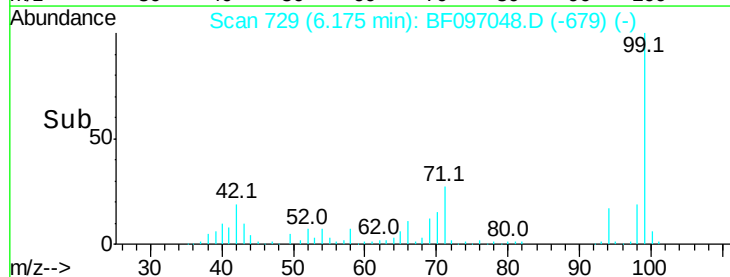
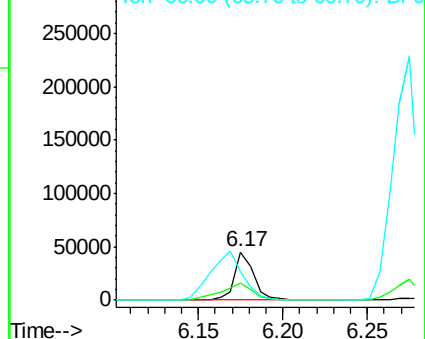
94 100

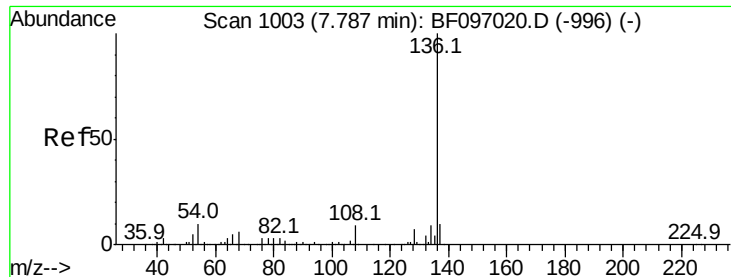
65 35.3 9.9 49.9

66 60.3 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

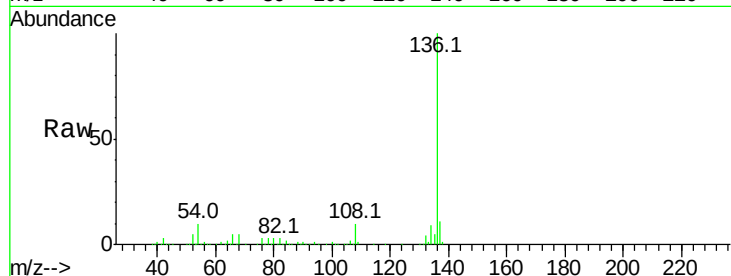




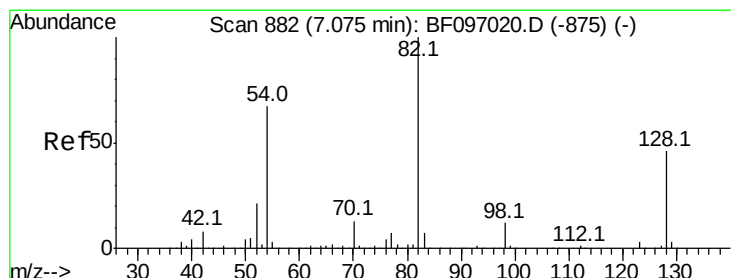
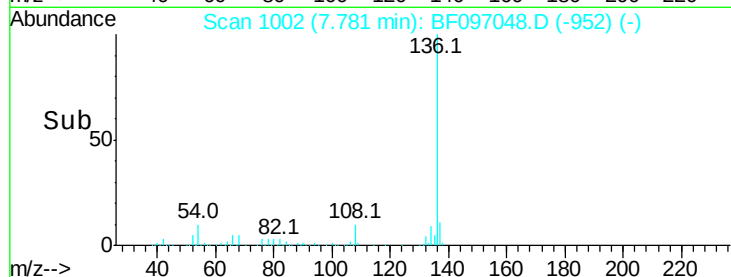
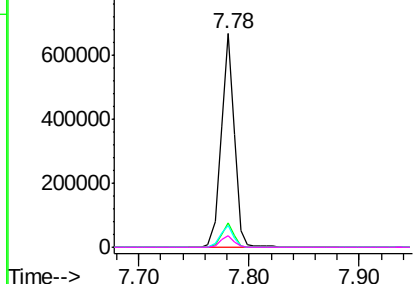
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
CEMETERY-7-(0-2)

Tot Ion:136	Resp:	551222
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.5	4.9 7.3#
68	5.4	4.1 6.1

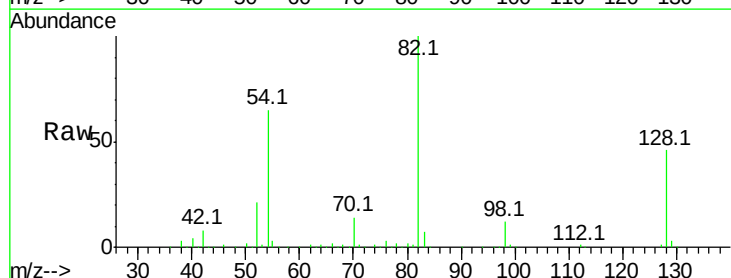


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

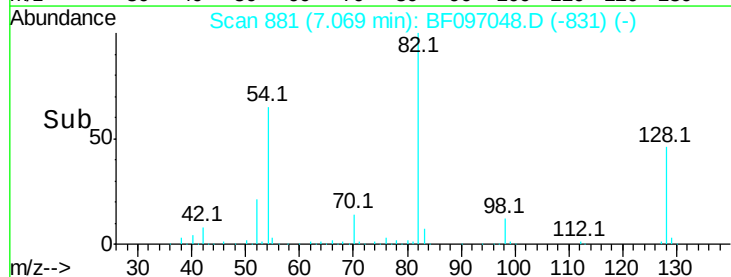
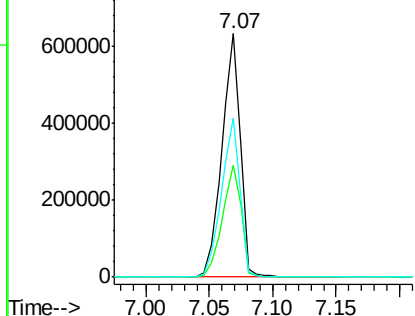


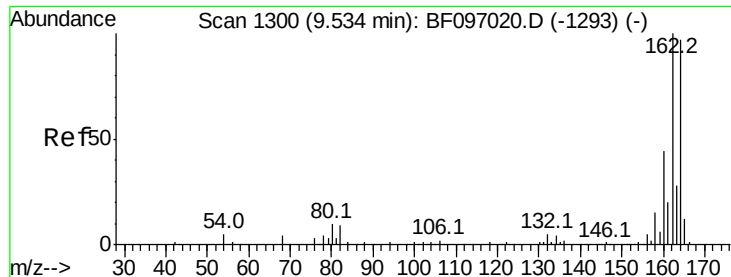
#23
Nitrobenzene-d5
Concen: 68.041 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion: 82	Resp:	639327
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.0 51.0
54	65.4	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

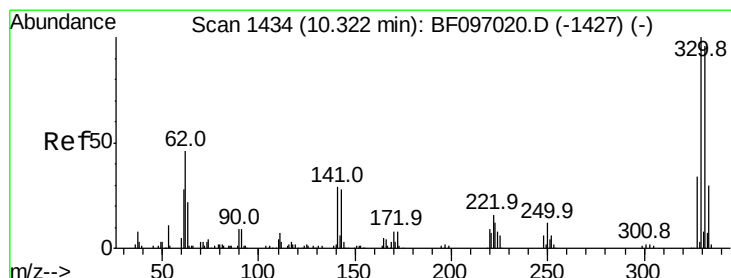
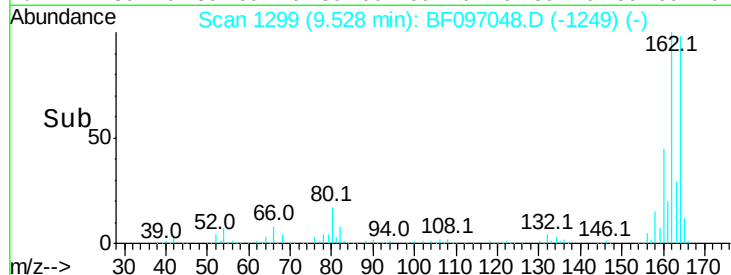
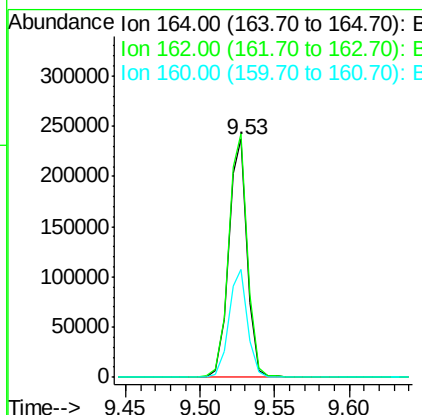
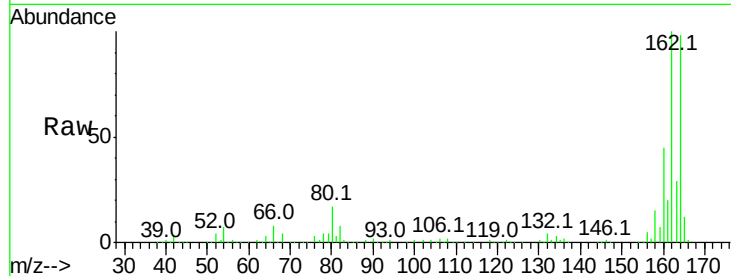




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

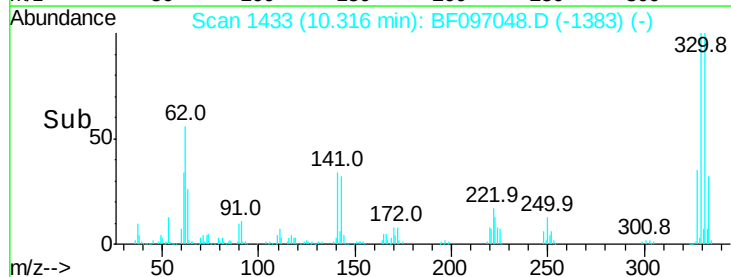
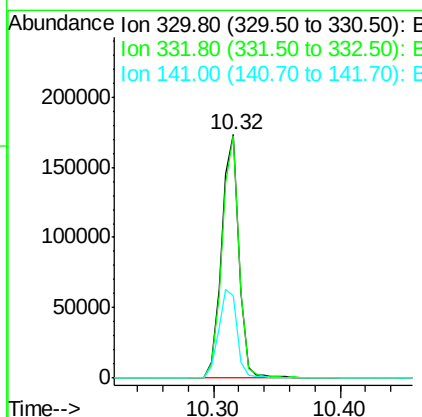
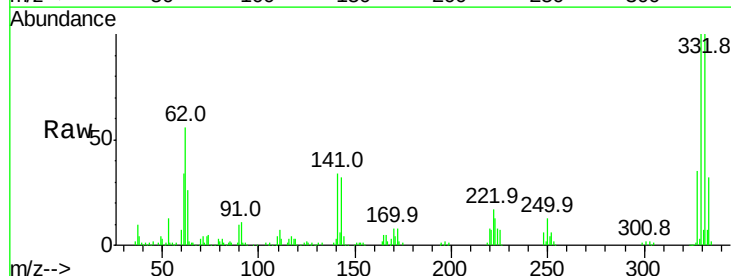
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-7-(0-2)

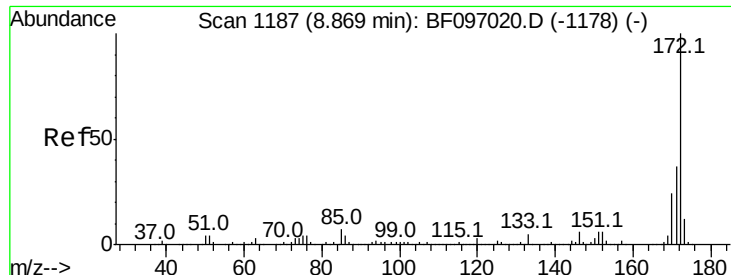
Tot Ion:164 Resp: 208350
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 101.018 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:330 Resp: 166293
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.8 31.4 47.2

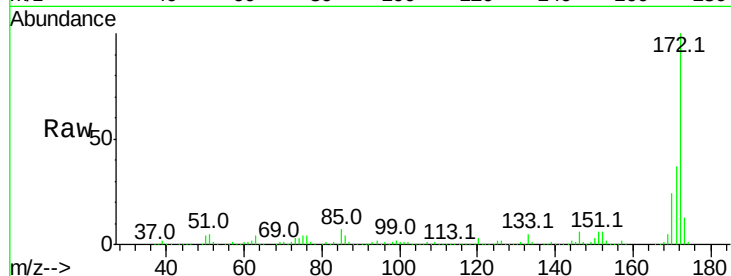




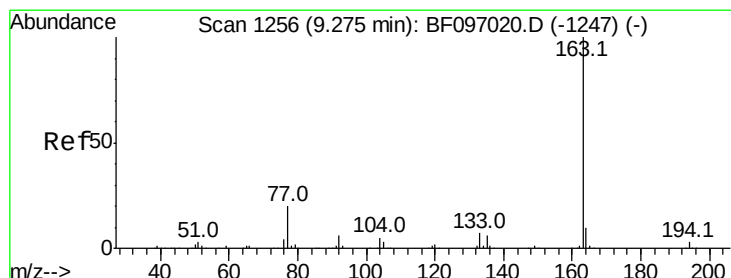
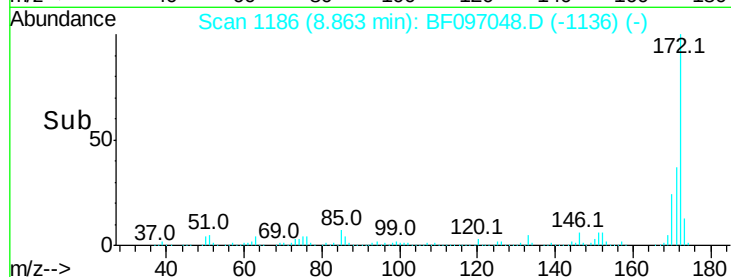
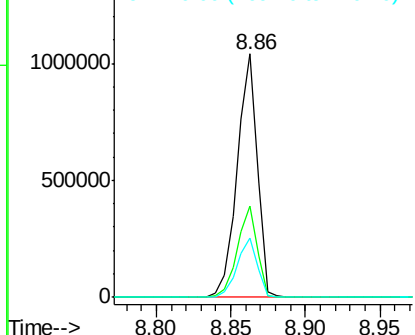
#44
2-Fluorobiphenyl
Concen: 80.351 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
CEMETERY-7-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.3	19.8	29.8

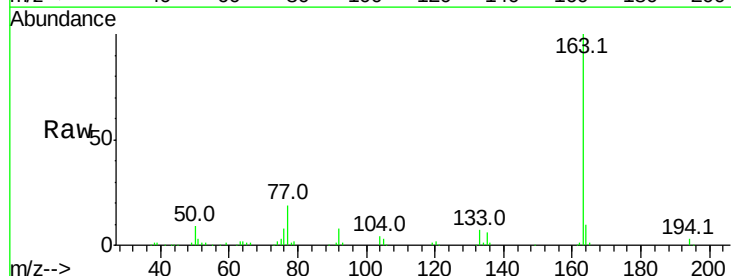


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

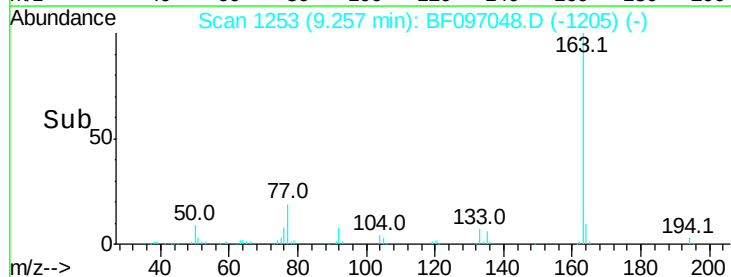
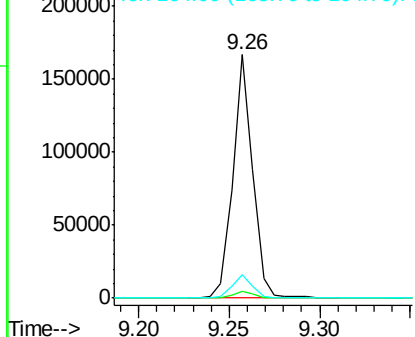


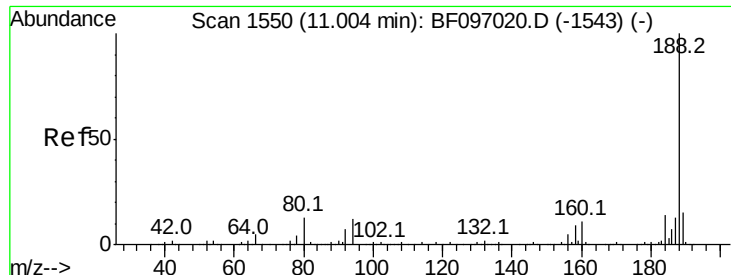
#49
Dimethylphthalate
Concen: 8.025 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.5	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

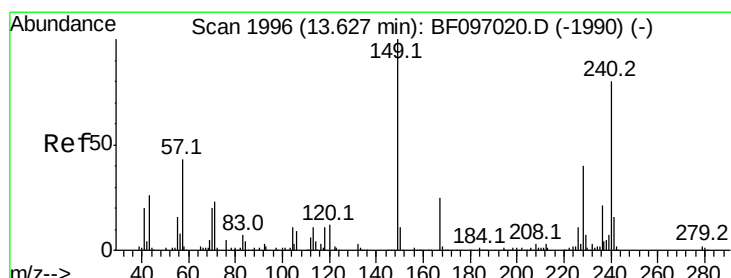
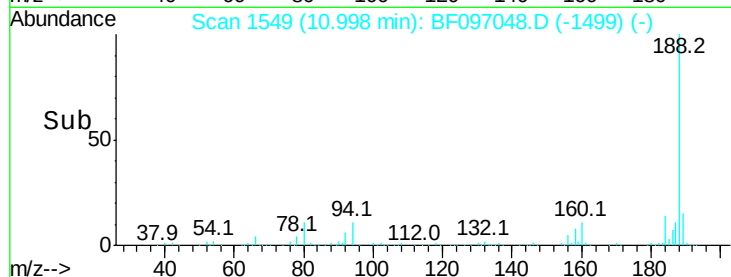
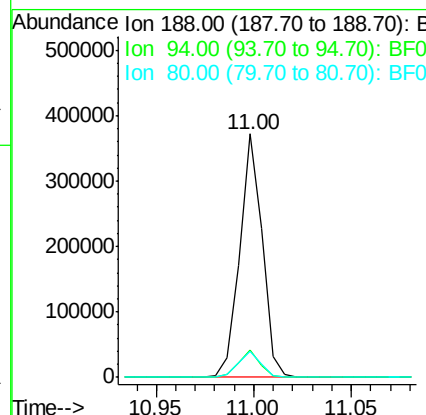
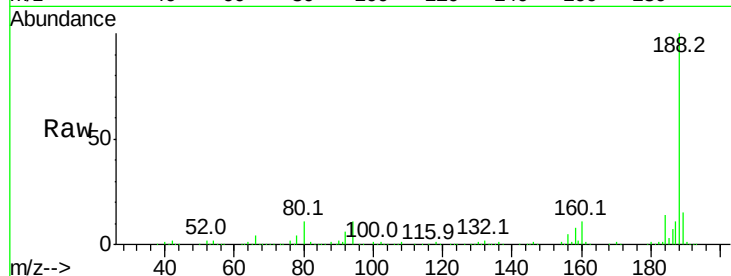




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

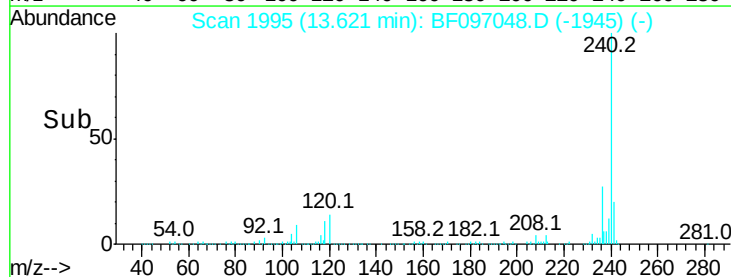
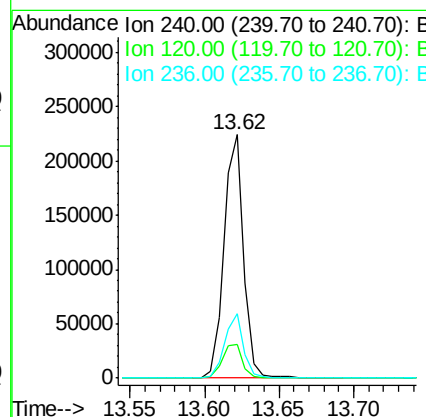
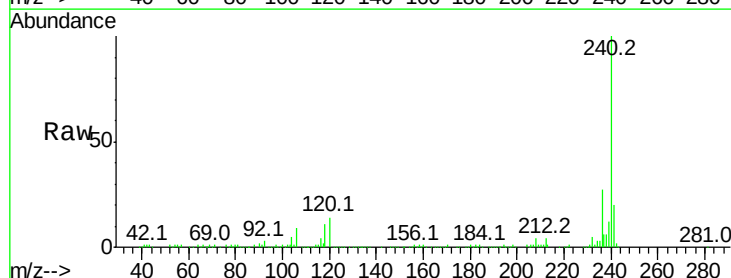
Instrument :
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CEMETERY-7-(0-2)

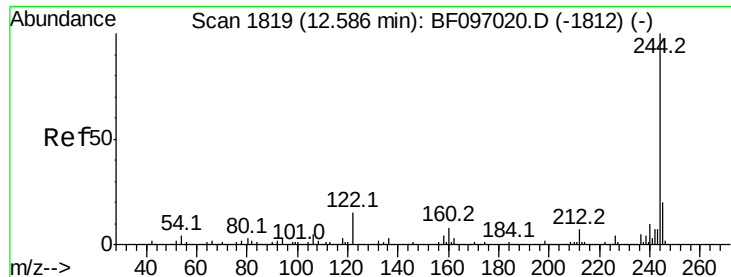
Tot Ion:188 Resp: 296999
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:240 Resp: 206044
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.6 20.5 30.7





#78

Terphenyl-d14

Concen: 57.103 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

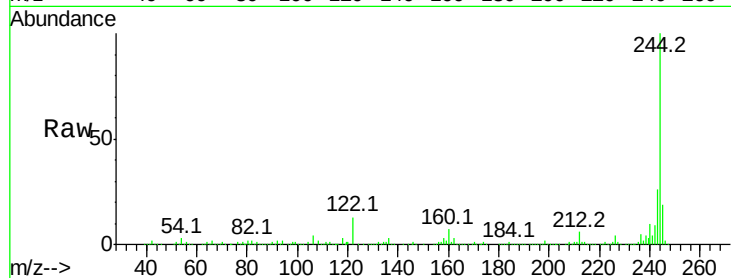
Tot Ion:244 Resp: 577079

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

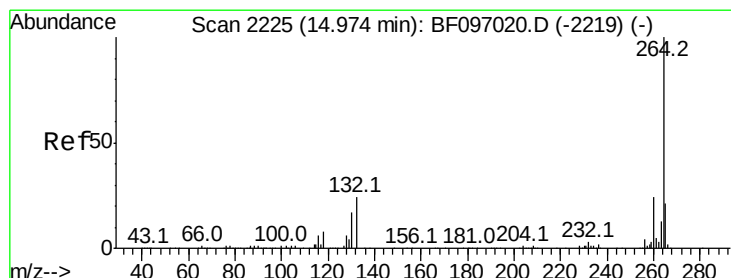
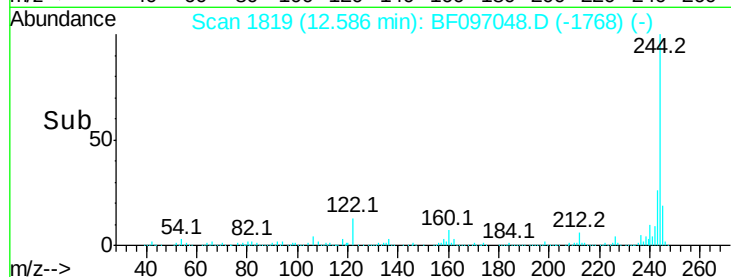
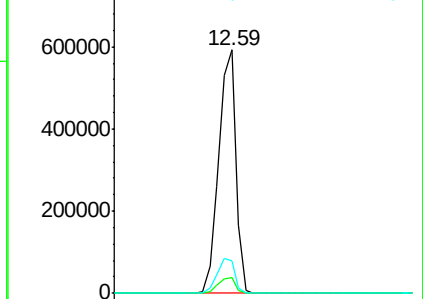
122 13.1 10.3 15.5



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: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

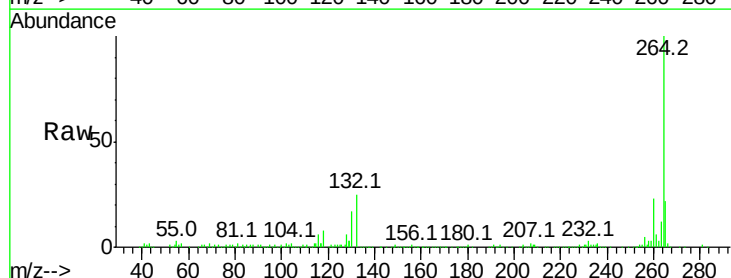
Tgt Ion:264 Resp: 183488

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.4 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

