

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099917.D
 Acq On : 28 Oct 2017 15:12
 Operator : SJ/JU
 Sample : I6071-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-5(15-20)

Quant Time: Oct 30 02:45:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

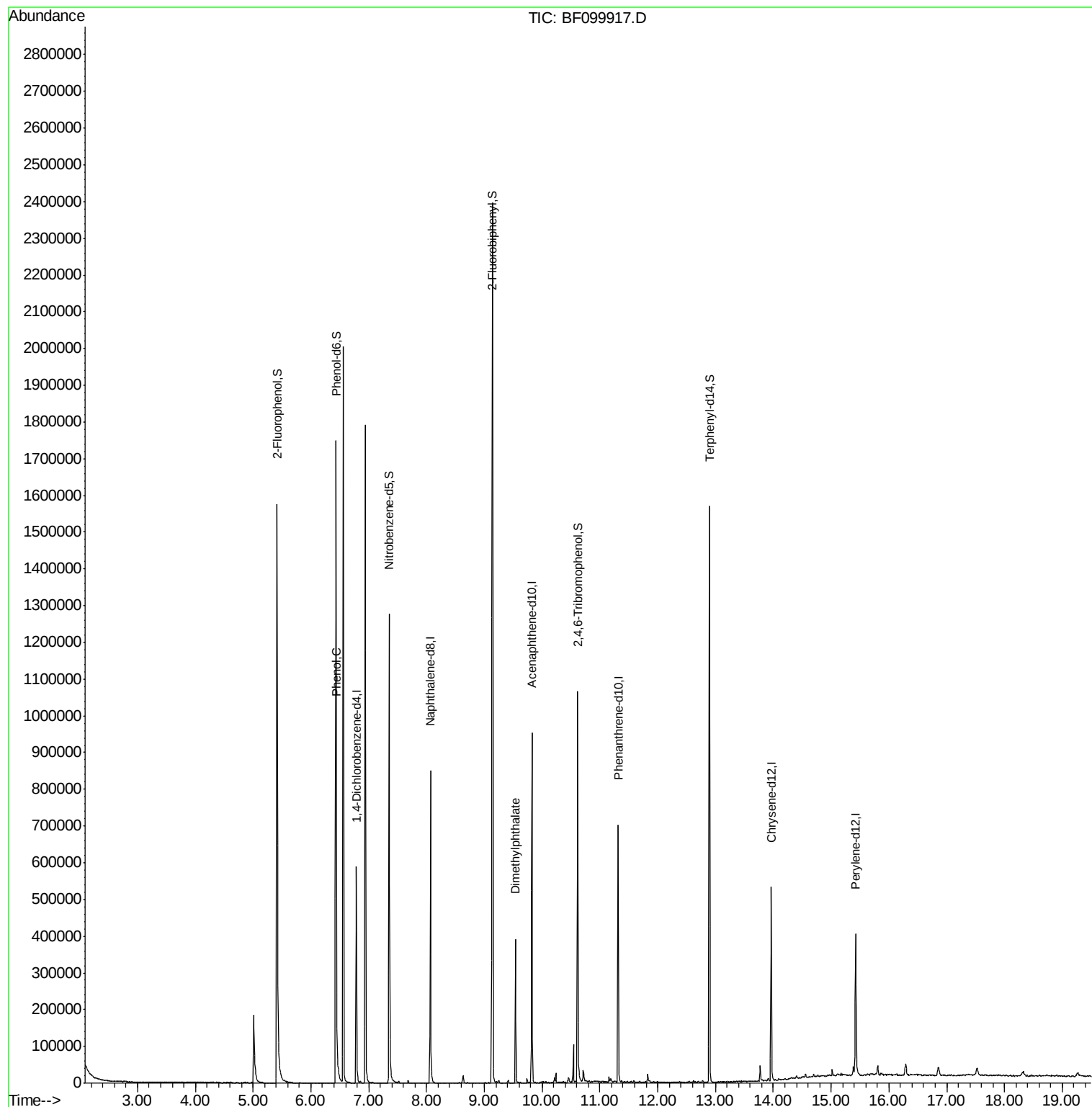
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	99276	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412530	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	180712	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	272399	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	176283	20.00	ng	-0.03
86) Perylene-d12	15.43	264	184361	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	621264	98.25	ng	0.00
7) Phenol-d6	6.43	99	737504	98.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	433701	67.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	132240	80.30	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	863726	73.74	ng	-0.02
78) Terphenyl-d14	12.90	244	519765	64.44	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	19189	2.331	ng	87
49) Dimethylphthalate	9.54	163	158508	11.076	ng	99

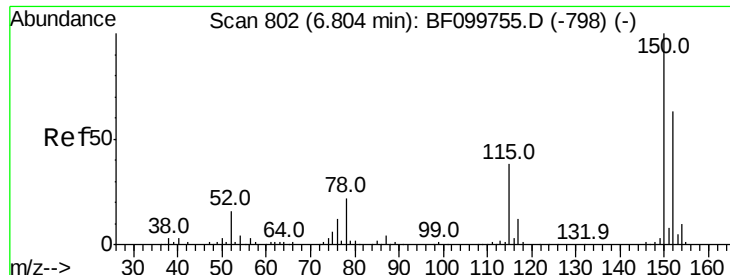
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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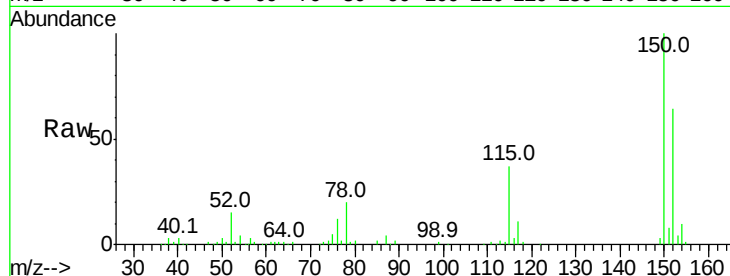


#1

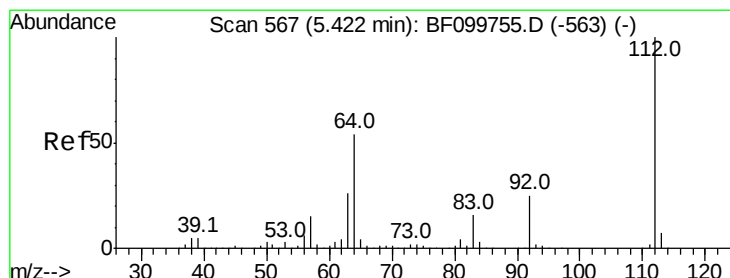
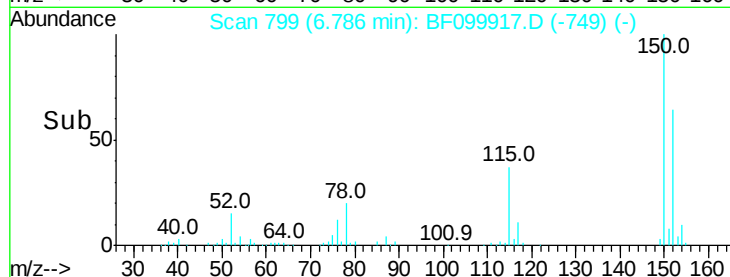
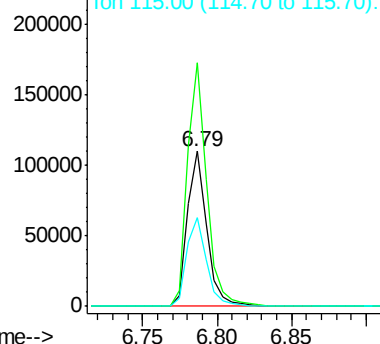
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :
ENV-116-5(15-20)

Tot Ion:152 Resp: 99276
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.5 50.1 75.1



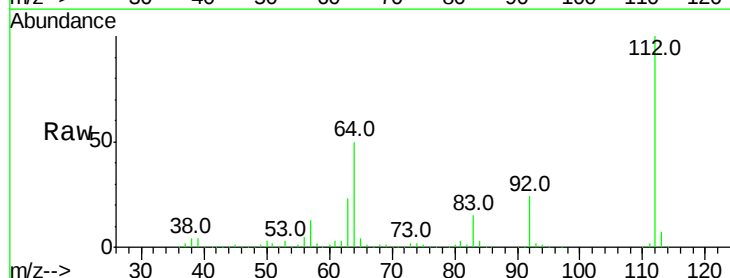
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



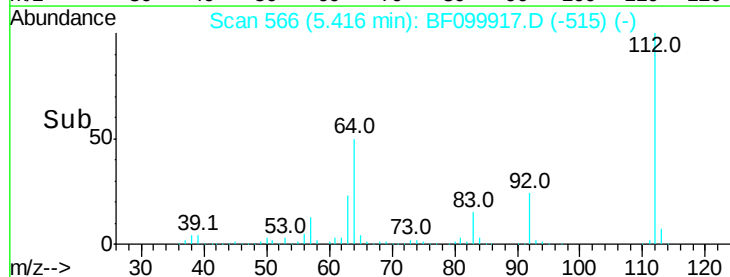
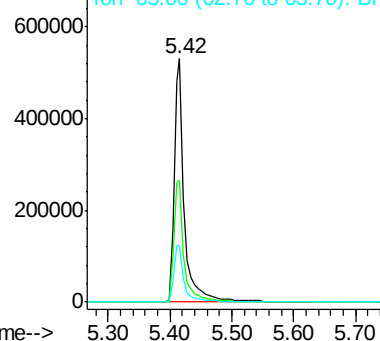
#5

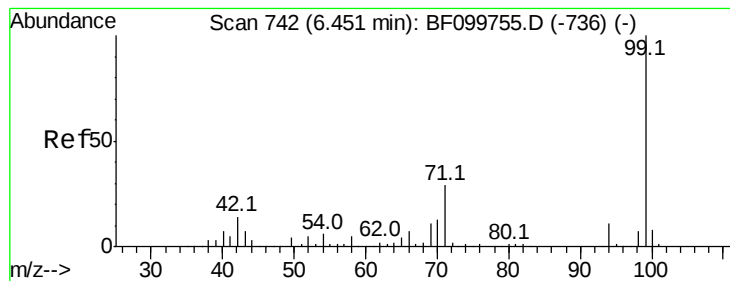
2-Fluorophenol
Concen: 98.248 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:112 Resp: 621264
Ion Ratio Lower Upper
112 100
64 50.2 47.9 71.9
63 23.5 23.7 35.5#



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: 98.362 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(15-20)

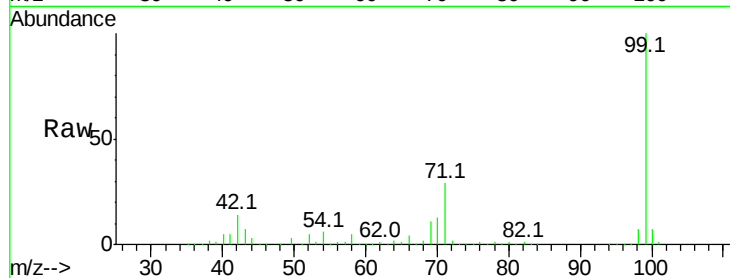
Tot Ion: 99 Resp: 737504

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

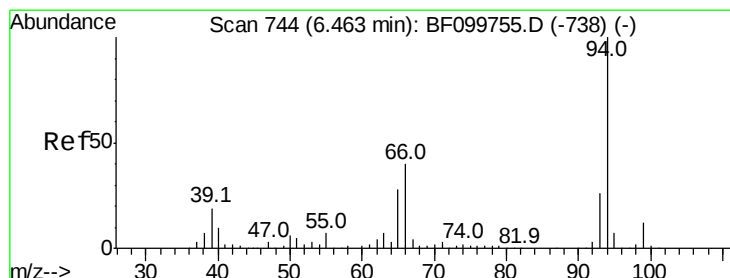
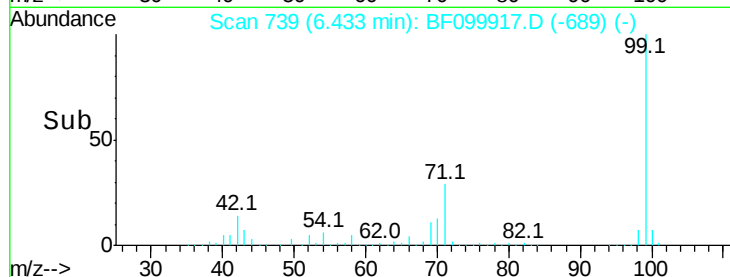
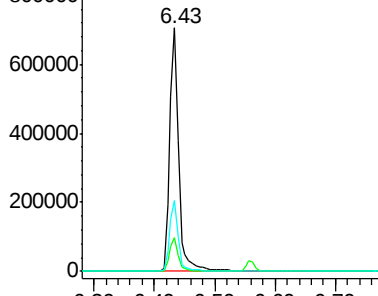
71 28.8 25.4 38.0



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: 2.331 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

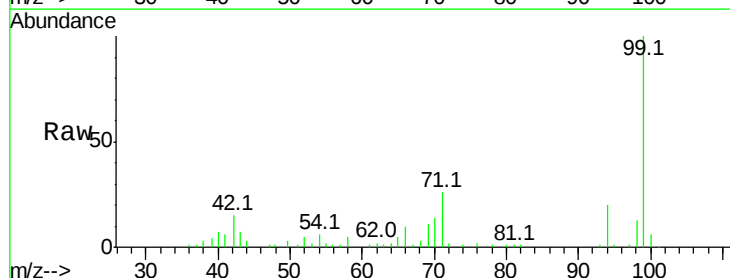
Tgt Ion: 94 Resp: 19189

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

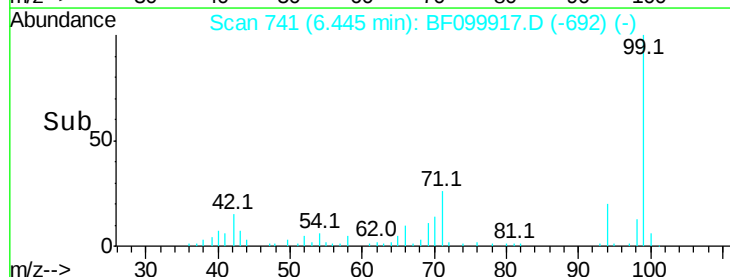
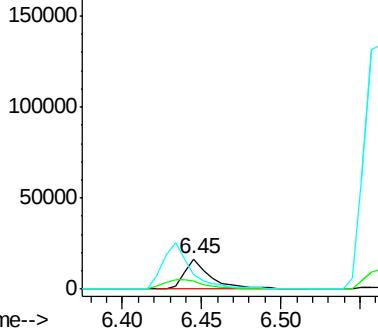
66 47.7 16.2 56.2

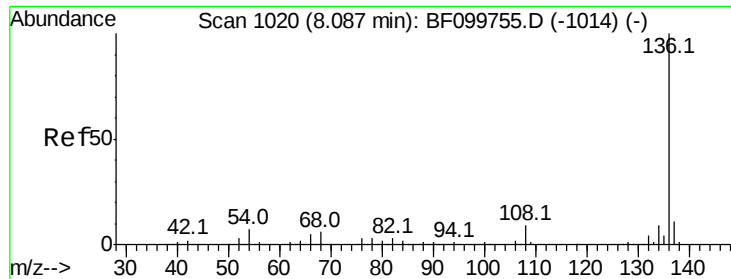


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

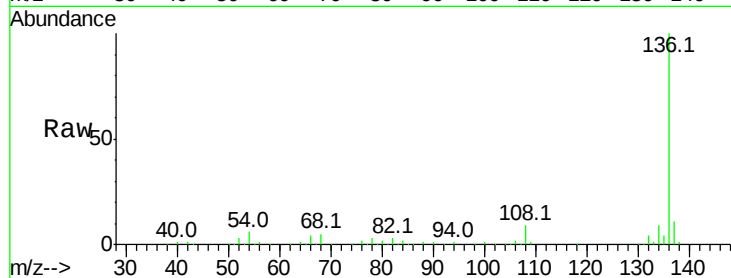




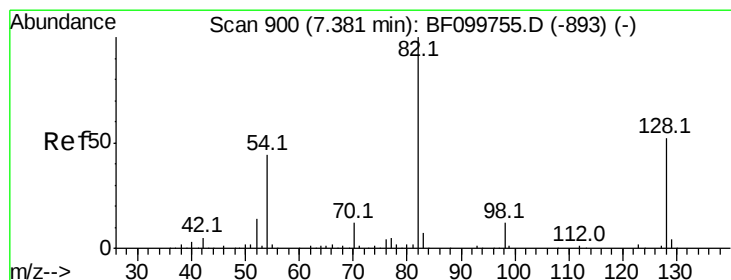
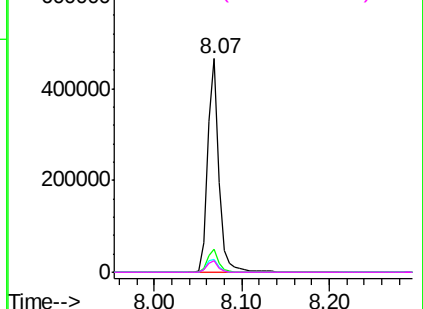
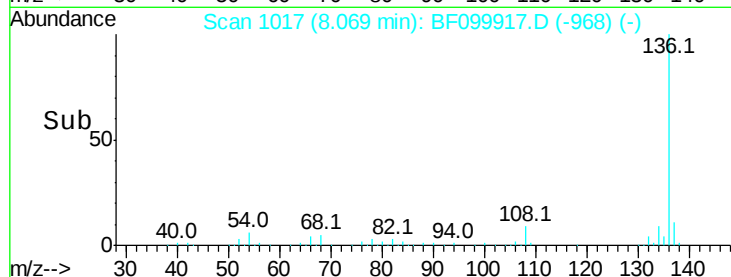
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :
ENV-116-5(15-20)

Tot Ion:136	Resp:	412530
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.1	6.6 9.8#
68	5.2	5.0 7.4

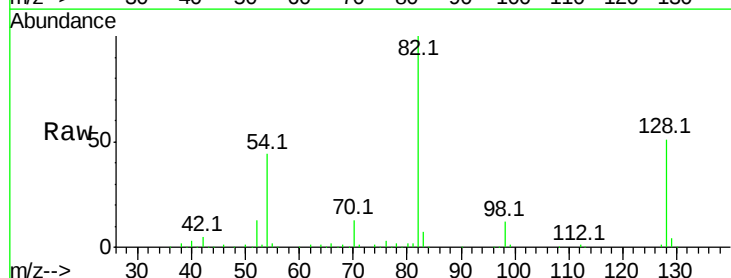


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

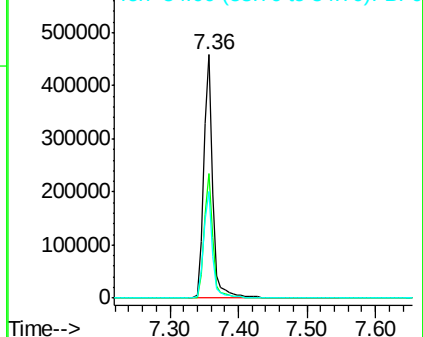
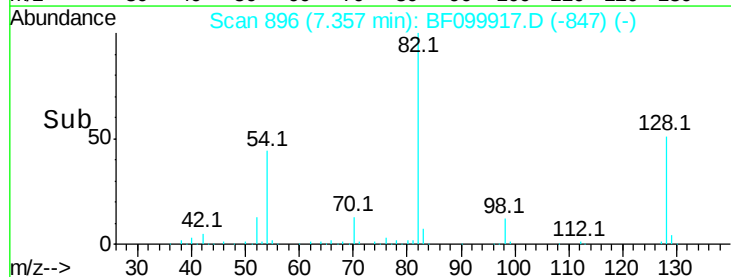


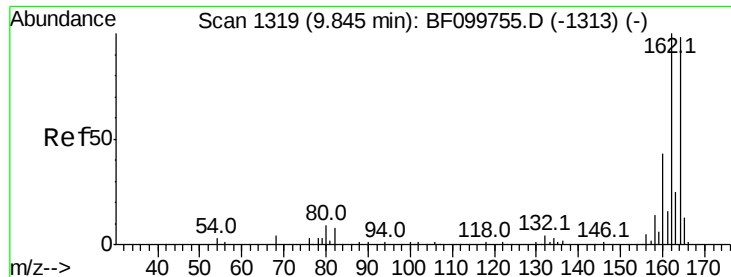
#23
Nitrobenzene-d5
Concen: 67.684 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion: 82	Resp:	433701
Ion Ratio	Lower	Upper
82	100	
128	51.3	36.1 54.1
54	43.6	41.4 62.2



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

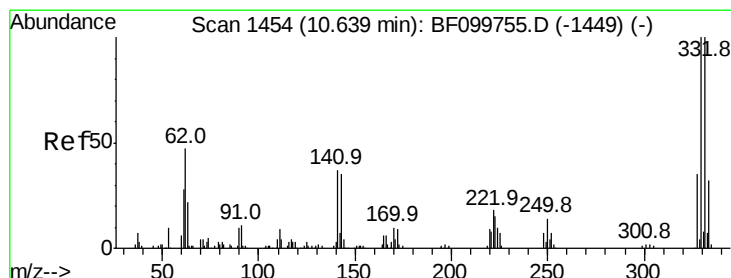
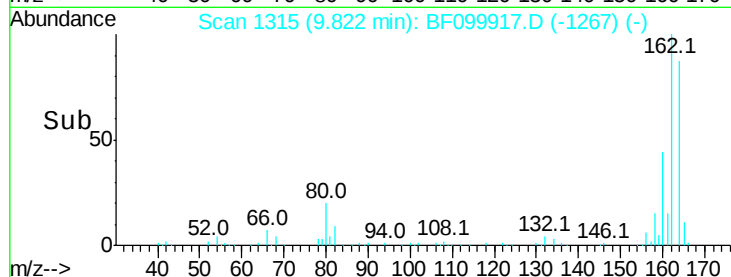
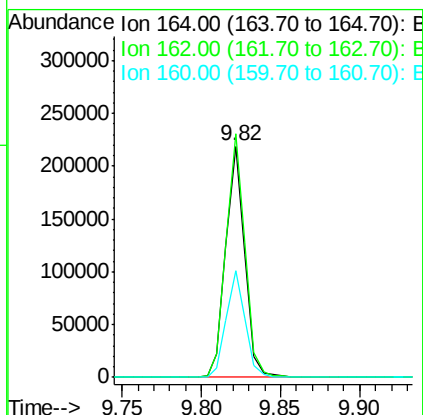
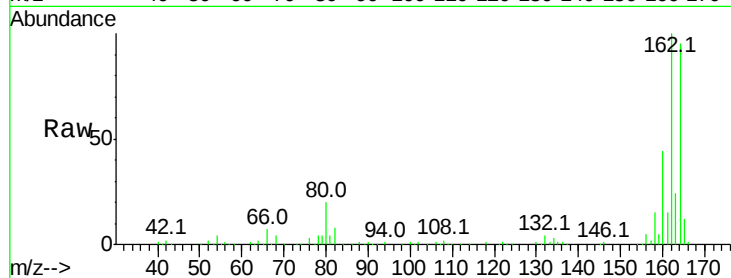




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

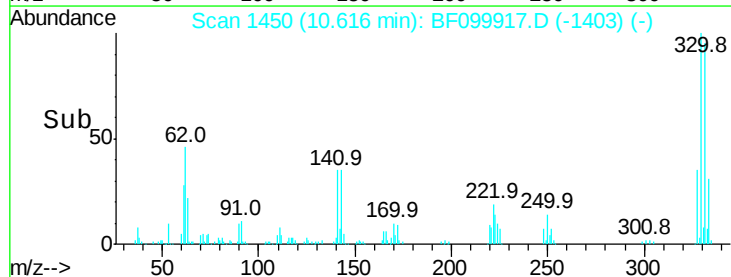
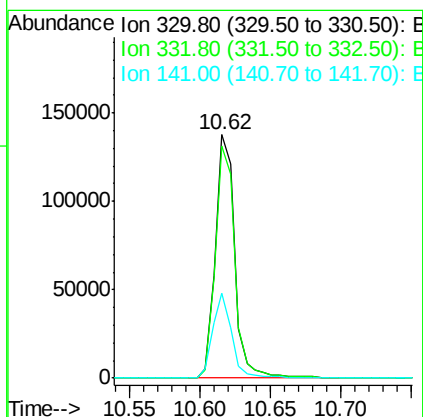
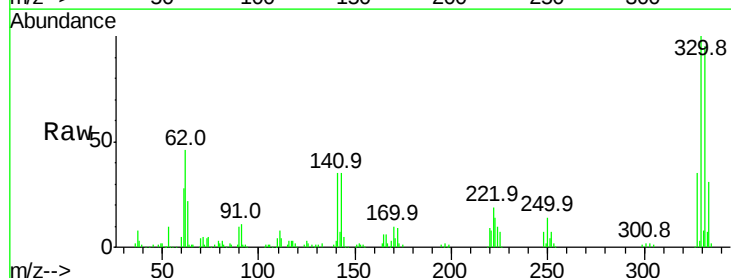
Instrument :
BNA_F
ClientSampleId :
ENV-116-5(15-20)

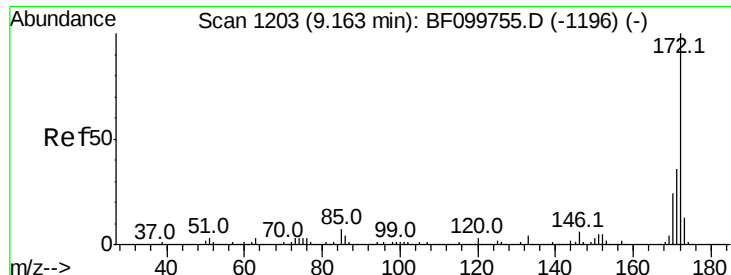
Tot Ion:164 Resp: 180712
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 46.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 80.298 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:330 Resp: 132240
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.9 29.9 44.9

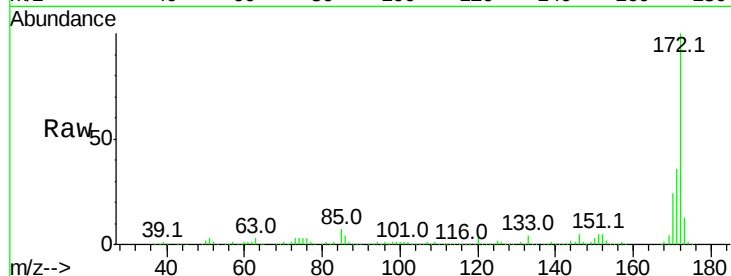




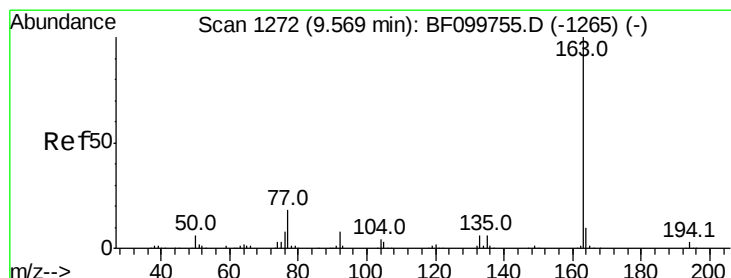
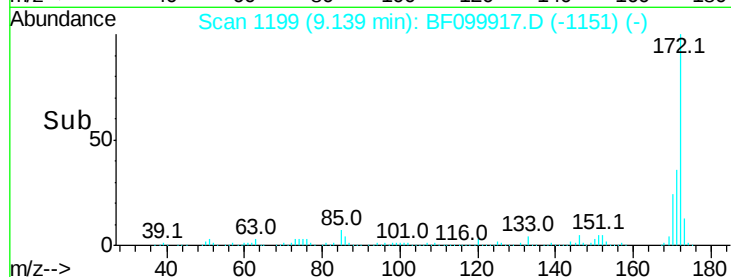
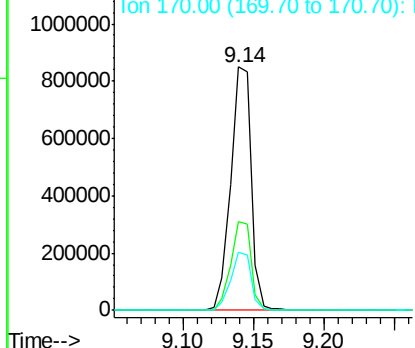
#44
2-Fluorobiphenyl
Concen: 73.741 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Instrument :
BNA_F
ClientSampleId :
ENV-116-5(15-20)

Tot Ion:172 Resp: 863726
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4

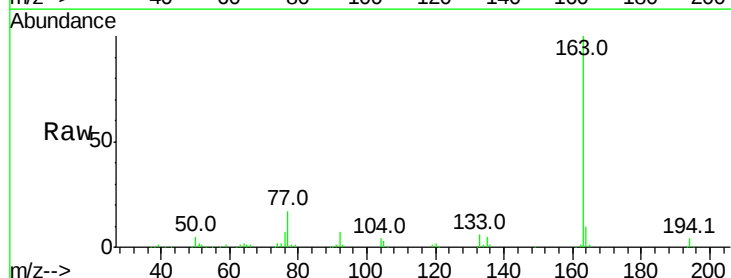


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

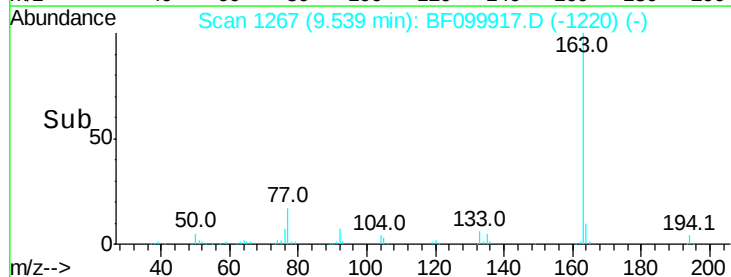
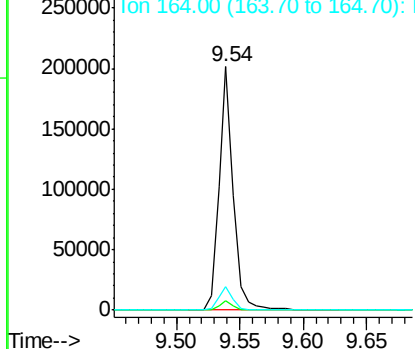


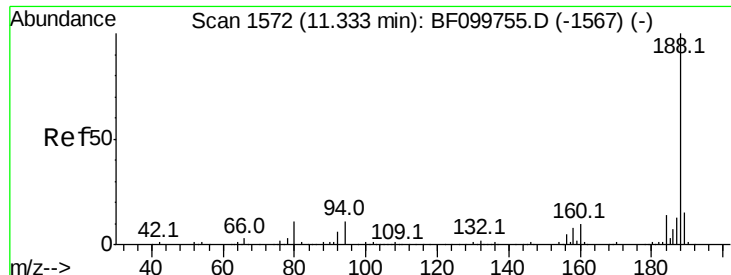
#49
Dimethylphthalate
Concen: 11.076 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion:163 Resp: 158508
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2



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

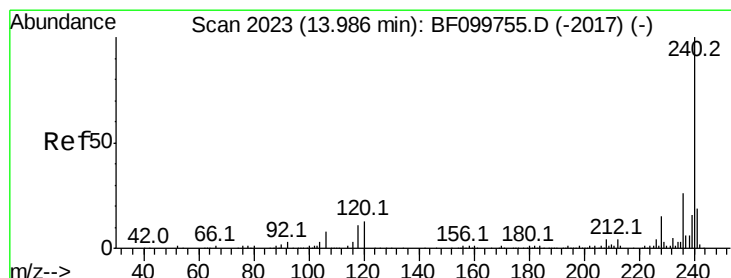
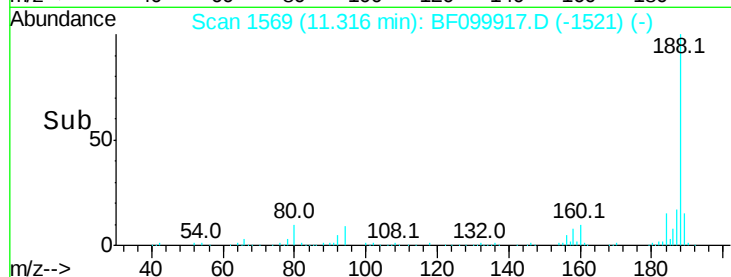
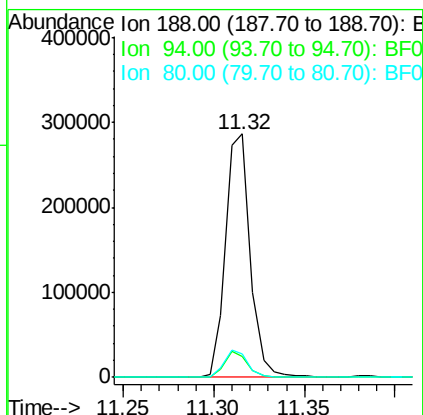
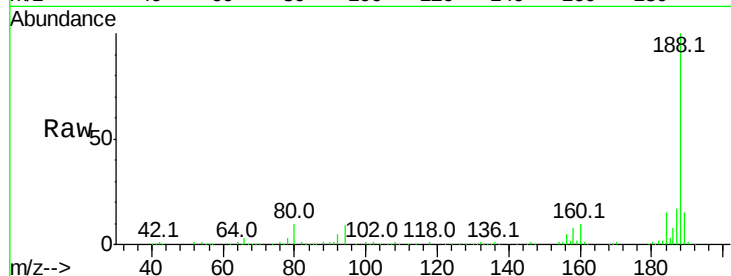




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

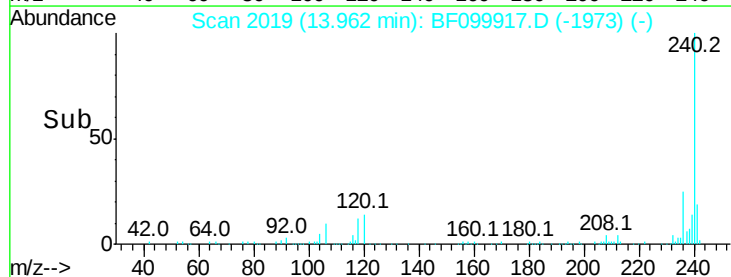
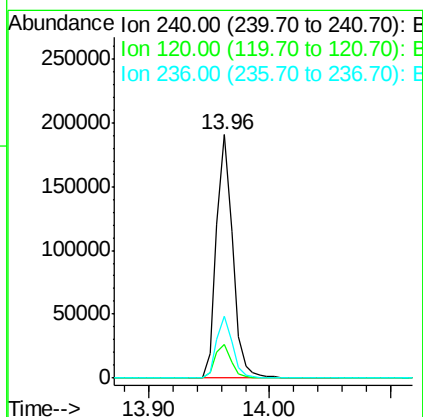
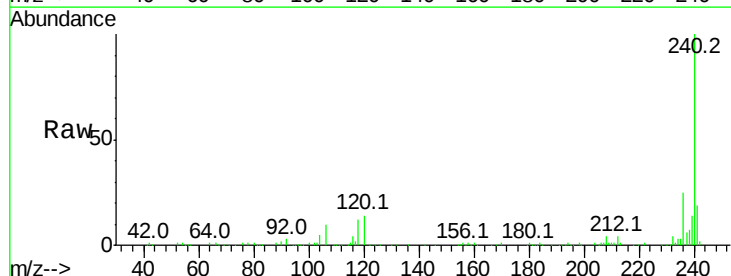
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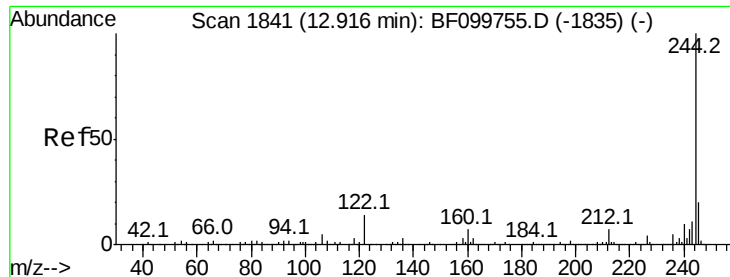
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099917.D
Acq: 28 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 64.435 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

Instrument :

BNA_F

ClientSampleId :

ENV-116-5(15-20)

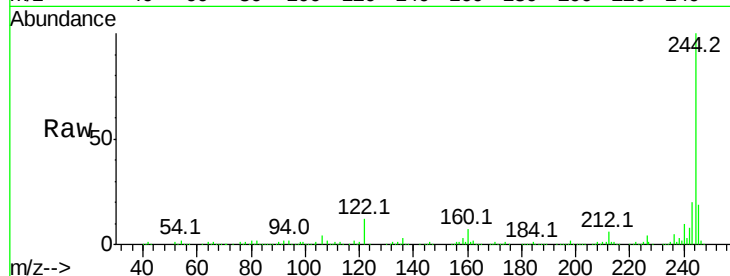
Tot Ion:244 Resp: 519765

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

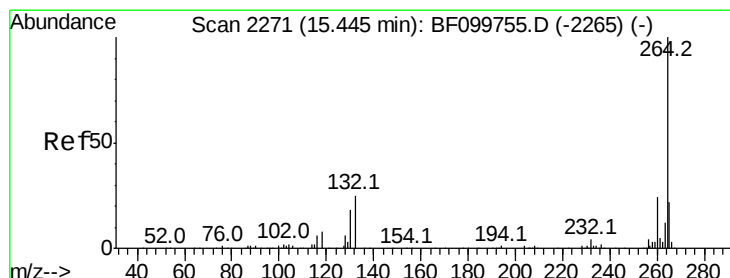
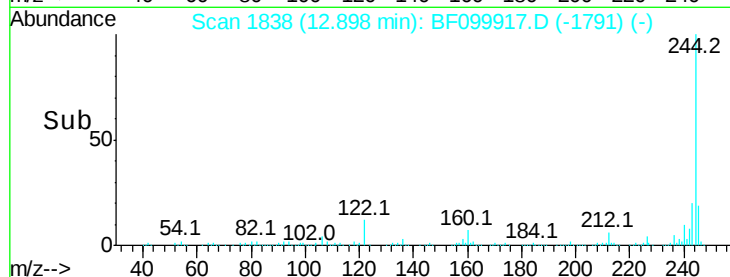
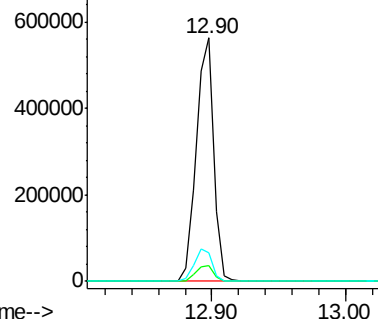
122 11.9 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099917.D

Acq: 28 Oct 2017 15:12

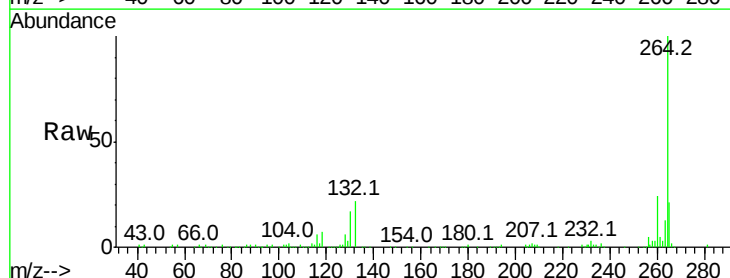
Tgt Ion:264 Resp: 184361

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 17.5 26.3



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

