

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099728.D
 Acq On : 21 Oct 2017 15:26
 Operator : SJ/JU
 Sample : I5950-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170721-PA-COMP1

Quant Time: Oct 22 01:13:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

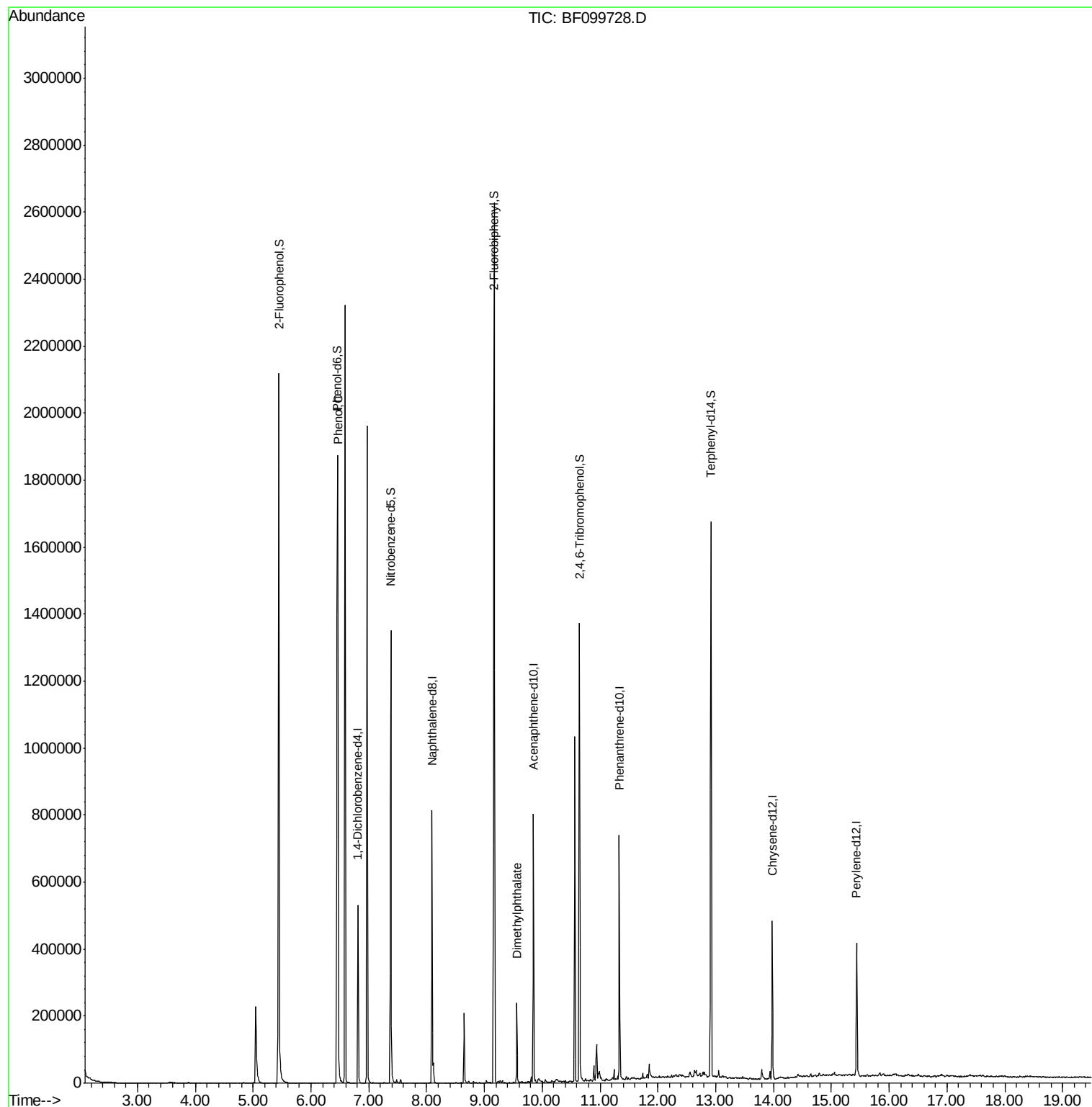
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91980	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	379037	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	166424	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	270779	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	161029	20.00	ng	0.00
86) Perylene-d12	15.44	264	174049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	733115	126.88	ng	0.00
7) Phenol-d6	6.46	99	886809	124.42	ng	0.00
23) Nitrobenzene-d5	7.38	82	506850	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	178819	131.31	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	850897	85.35	ng	0.00
78) Terphenyl-d14	12.92	244	536074	75.71	ng	0.00
Target Compounds						
10) Phenol	6.47	94	31218	3.916	ng	95
49) Dimethylphthalate	9.56	163	91153	7.257	ng	99

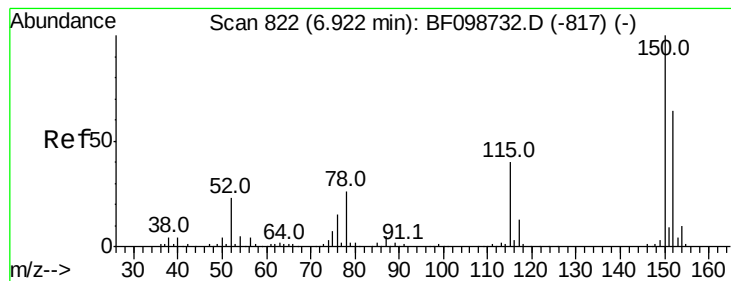
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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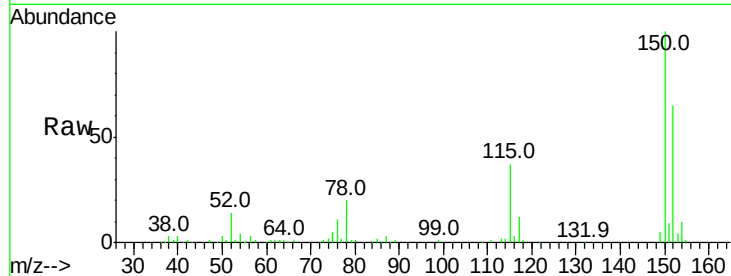


#1

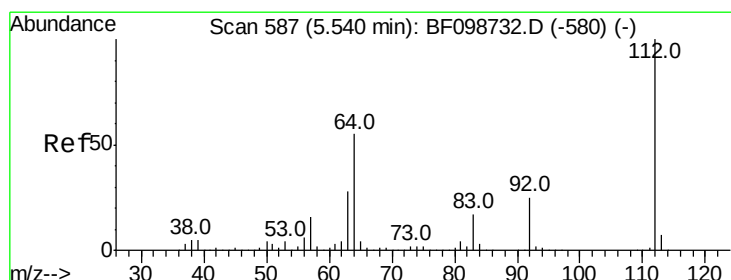
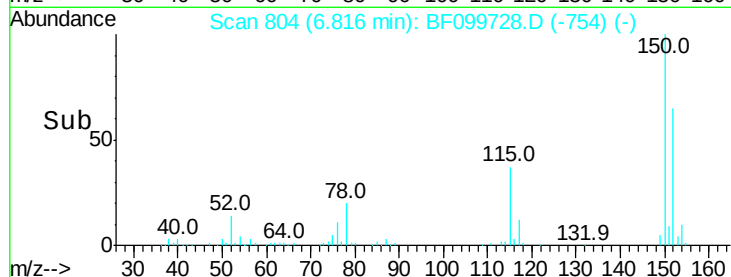
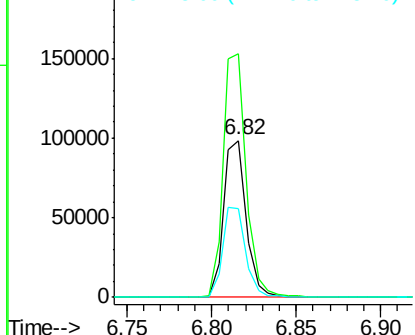
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
20170721-PA-COMP1

Tot Ion:152 Resp: 91980
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 56.7 50.1 75.1



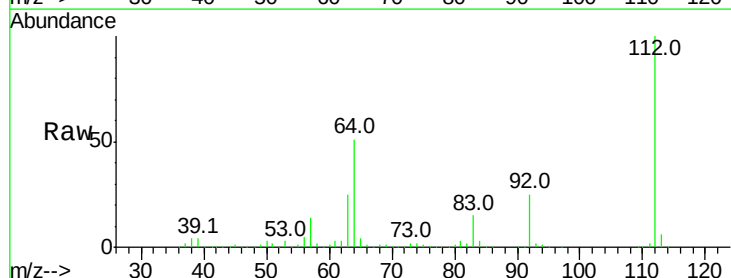
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



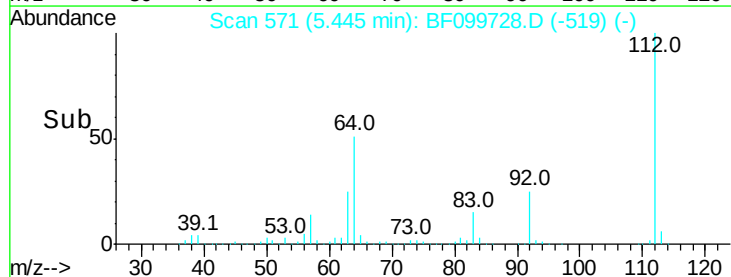
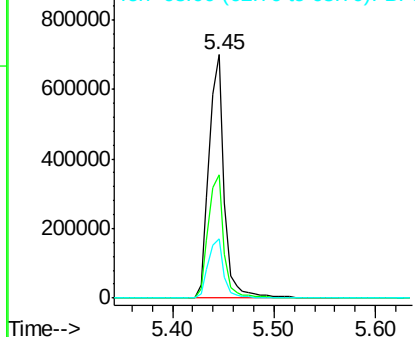
#5

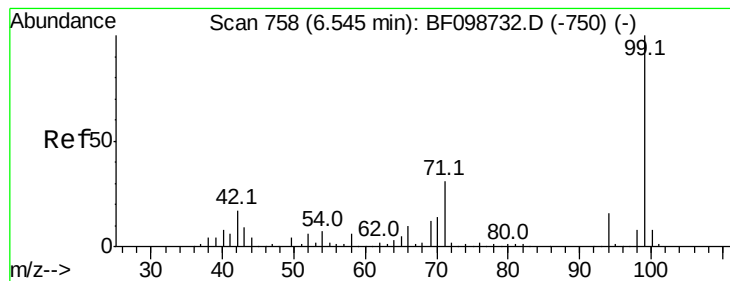
2-Fluorophenol
Concen: 126.880 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:112 Resp: 733115
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.6 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: 124.415 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099728.D

Acq: 21 Oct 2017 15:26

Instrument :

BNA_F

ClientSampleId :

20170721-PA-COMP1

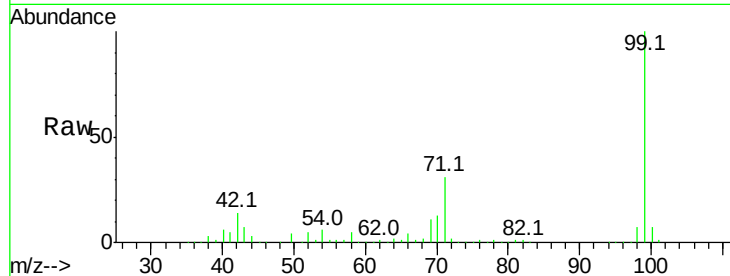
Tot Ion: 99 Resp: 886809

Ion Ratio Lower Upper

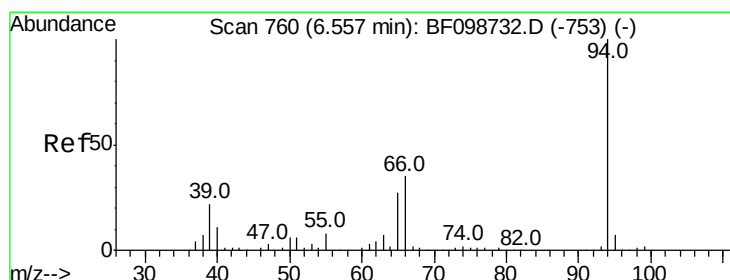
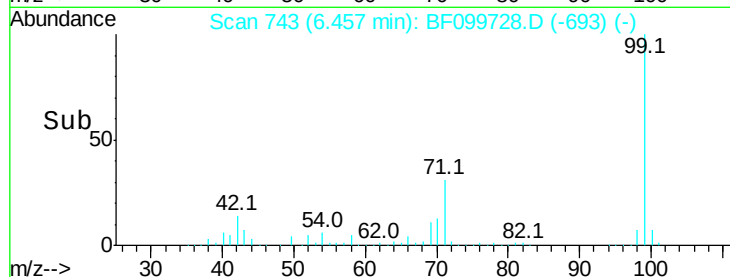
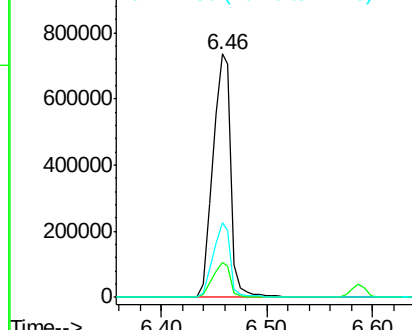
99 100

42 14.4 14.5 21.7#

71 30.7 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: 3.916 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099728.D

Acq: 21 Oct 2017 15:26

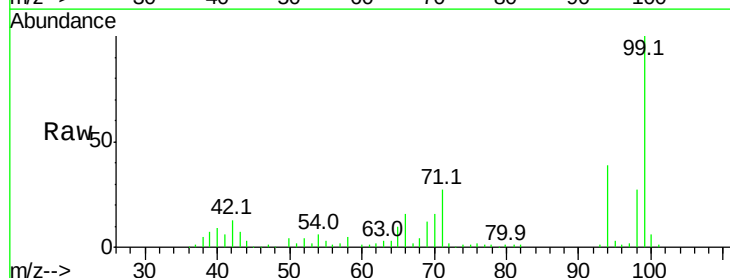
Tgt Ion: 94 Resp: 31218

Ion Ratio Lower Upper

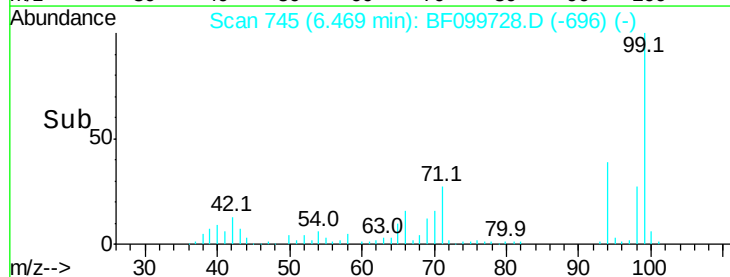
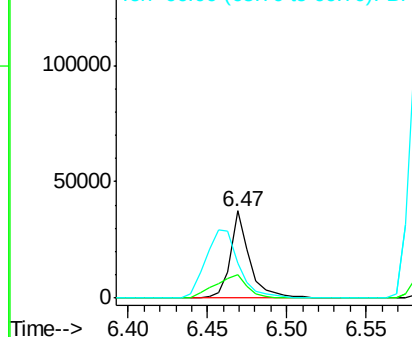
94 100

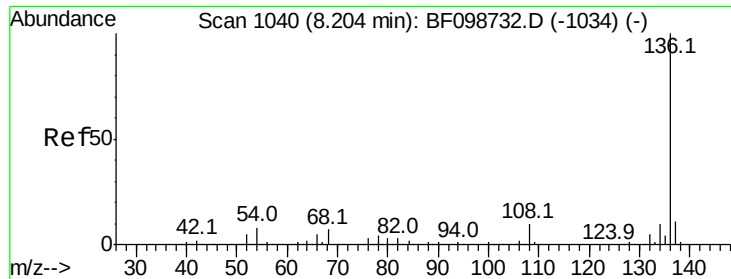
65 27.0 7.9 47.9

66 40.6 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

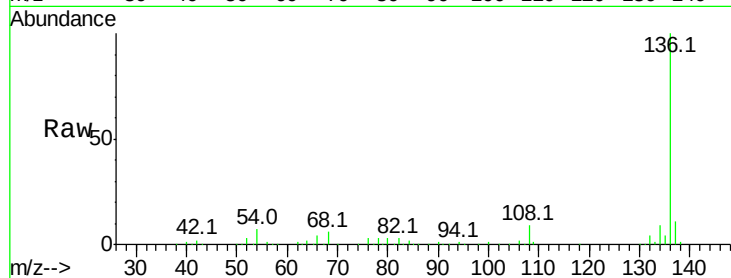




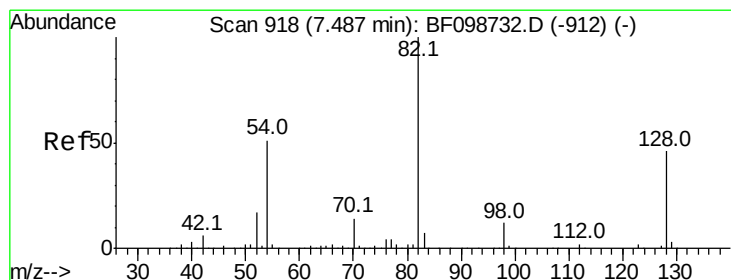
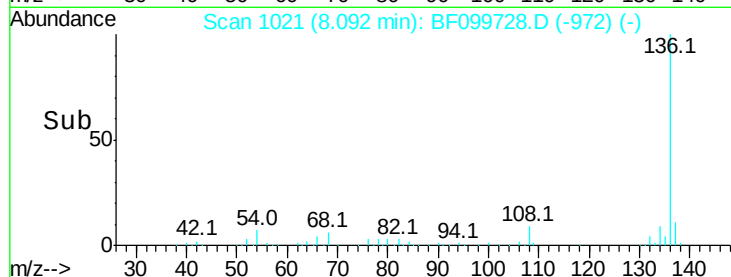
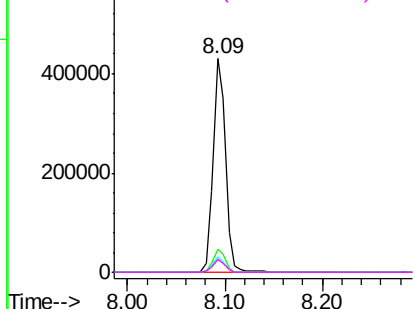
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
20170721-PA-COMP1

Tot Ion:136	Resp:	379037
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.4	6.6 9.8
68	5.7	5.0 7.4

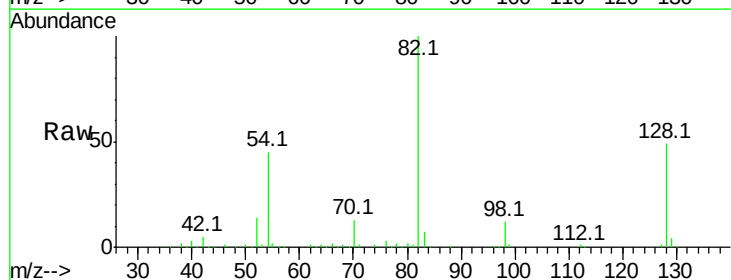


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

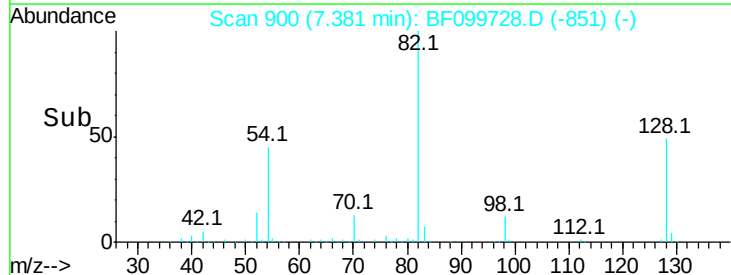
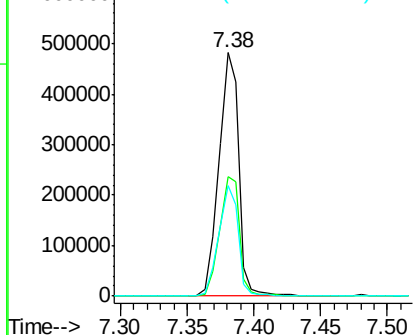


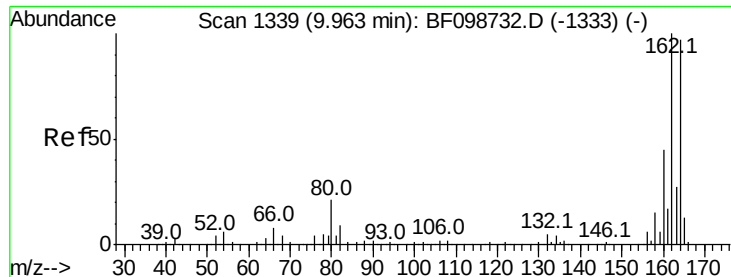
#23
Nitrobenzene-d5
Concen: 85.755 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion: 82	Resp:	506850
Ion	Ratio	Lower Upper
82	100	
128	49.2	36.1 54.1
54	45.4	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

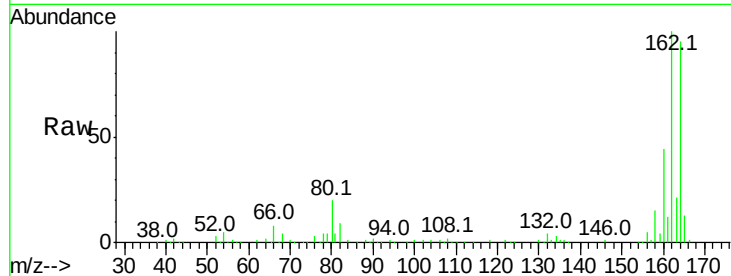




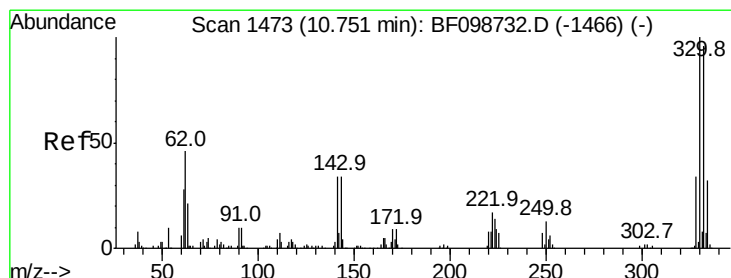
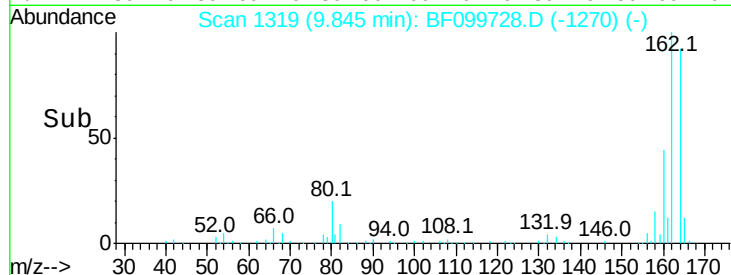
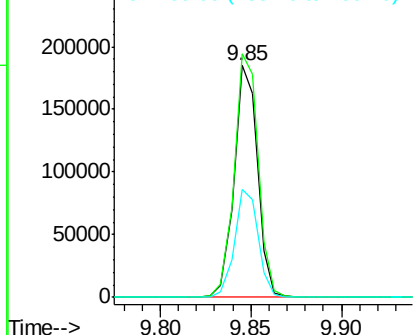
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
20170721-PA-COMP1

Tot Ion:164 Resp: 166424
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.3 38.3 57.5

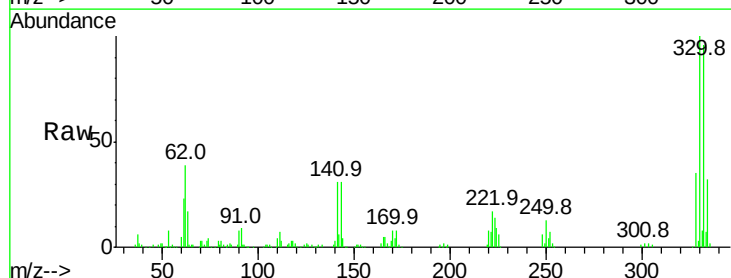


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

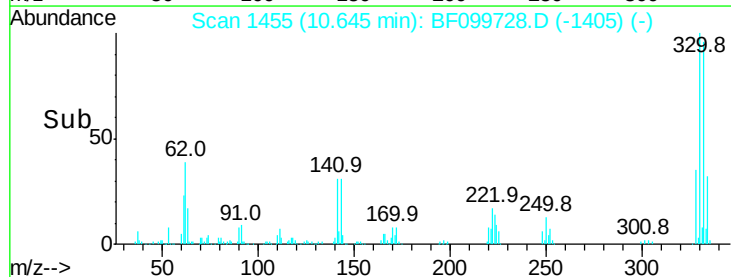
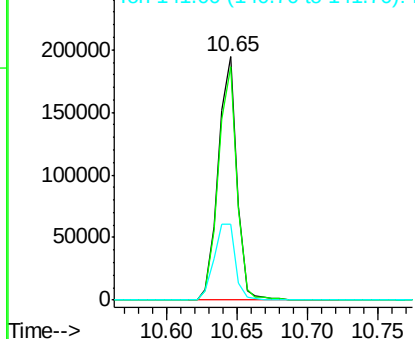


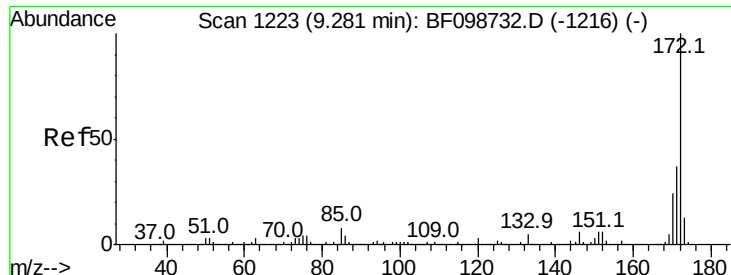
#41
2,4,6-Tribromophenol
Concen: 131.311 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:330 Resp: 178819
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 35.6 29.9 44.9



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

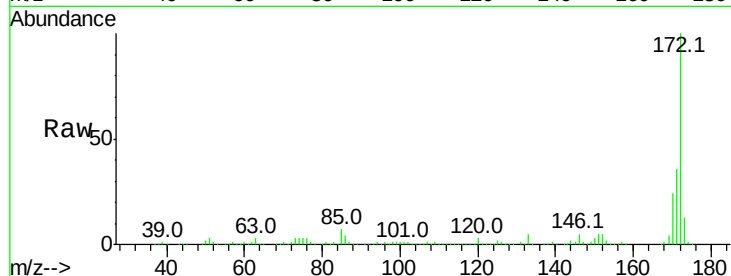




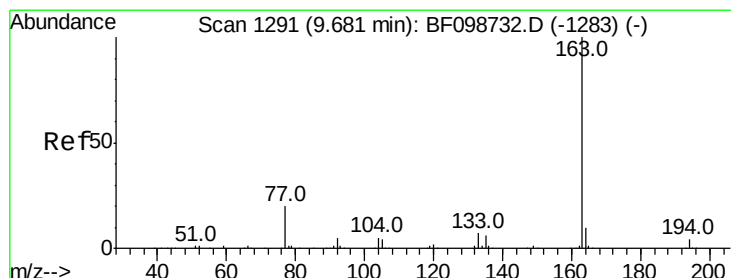
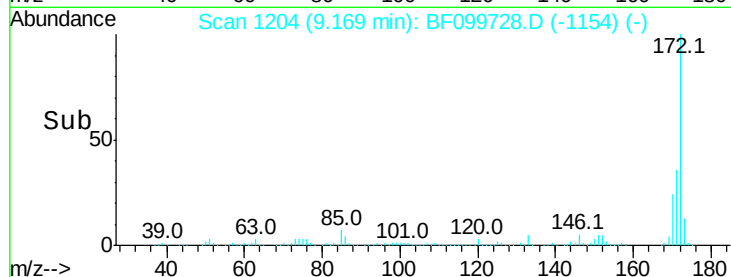
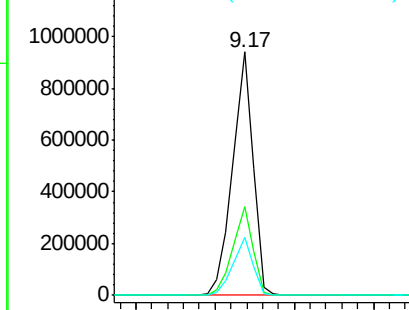
#44
2-Fluorobiphenyl
Concen: 85.354 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
20170721-PA-COMP1

Tot Ion:172 Resp: 850897
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.7 19.6 29.4

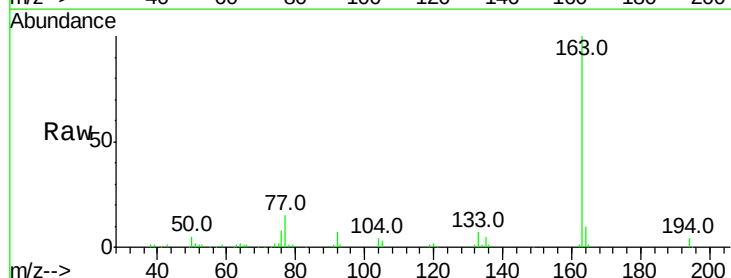


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

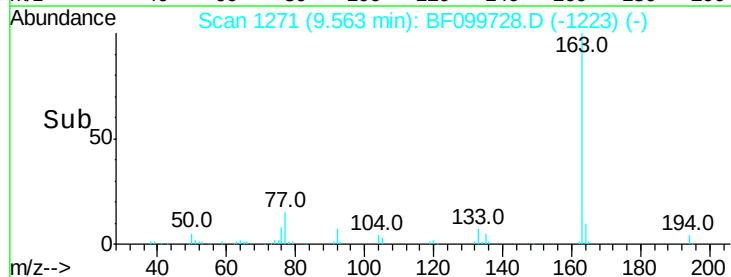
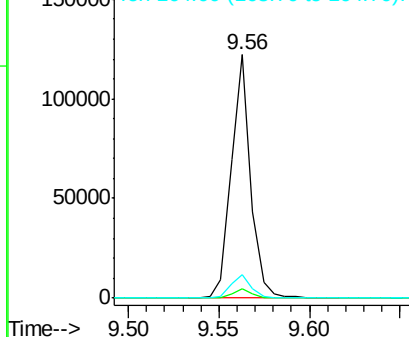


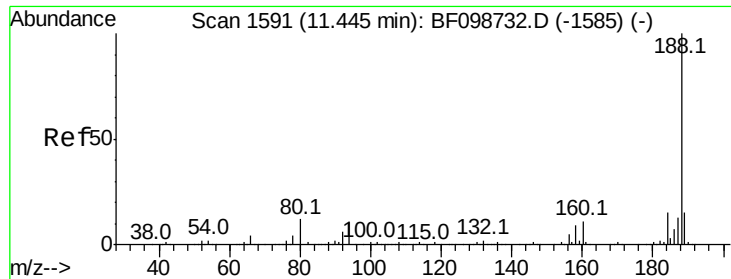
#49
Dimethylphthalate
Concen: 7.257 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:163 Resp: 91153
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 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

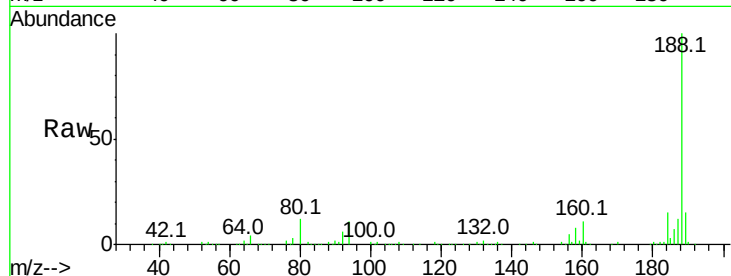




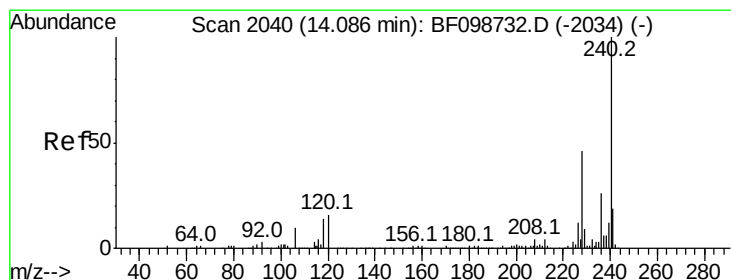
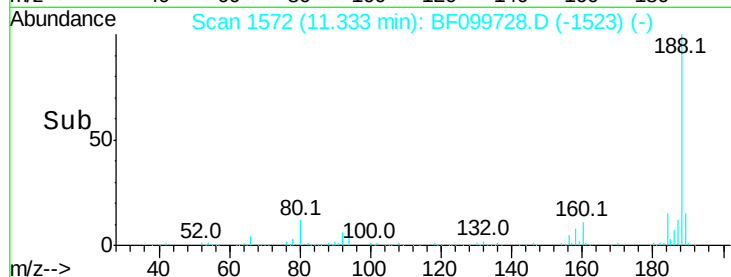
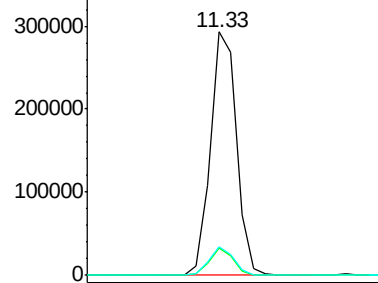
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :
20170721-PA-COMP1

Tot Ion:188 Resp: 270779
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8

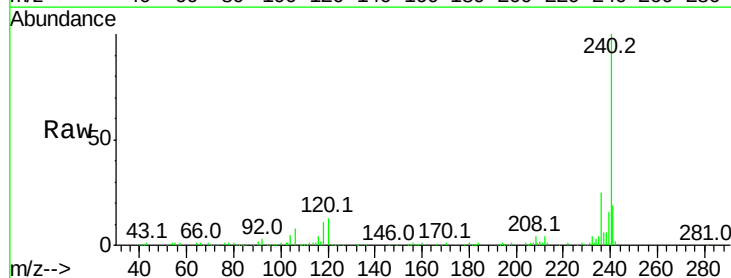


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

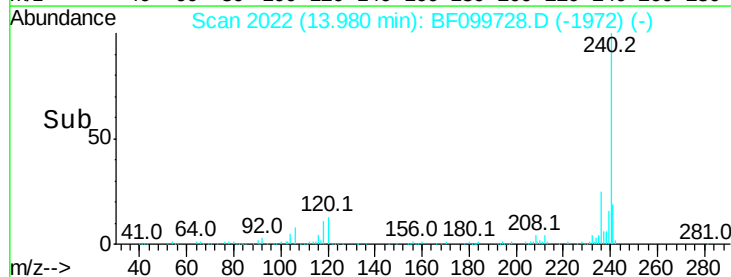
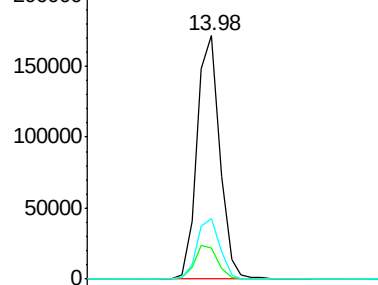


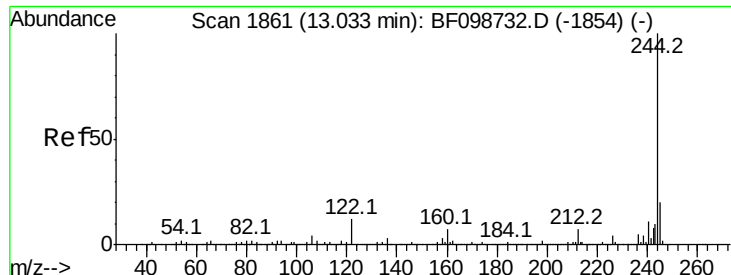
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:240 Resp: 161029
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.1 20.7 31.1



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: 75.709 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099728.D

Acq: 21 Oct 2017 15:26

Instrument :

BNA_F

ClientSampleId :

20170721-PA-COMP1

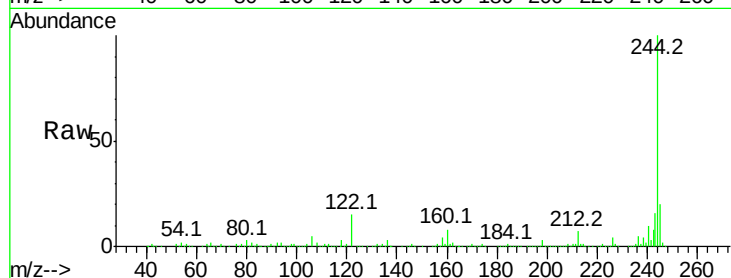
Tot Ion:244 Resp: 536074

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

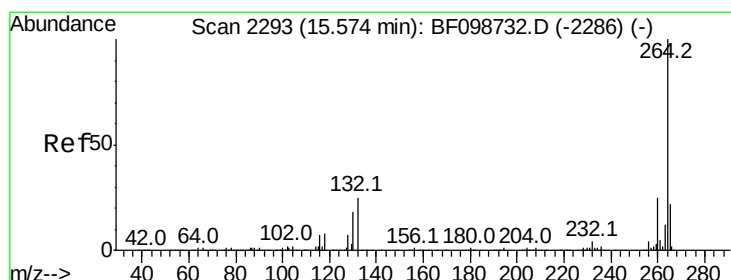
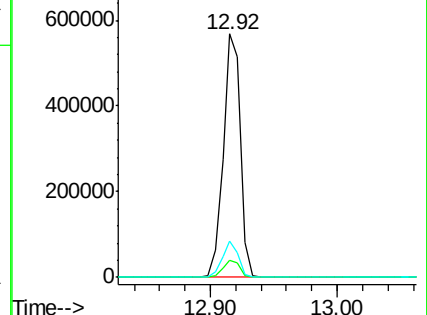
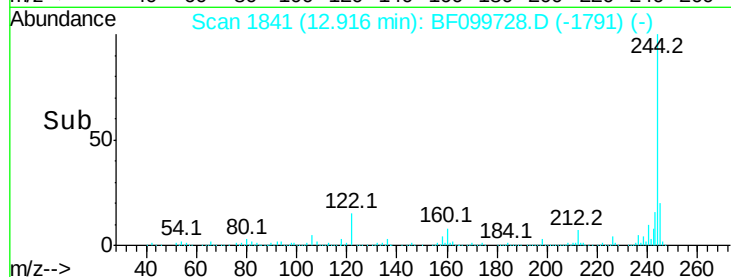
122 14.8 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099728.D

Acq: 21 Oct 2017 15:26

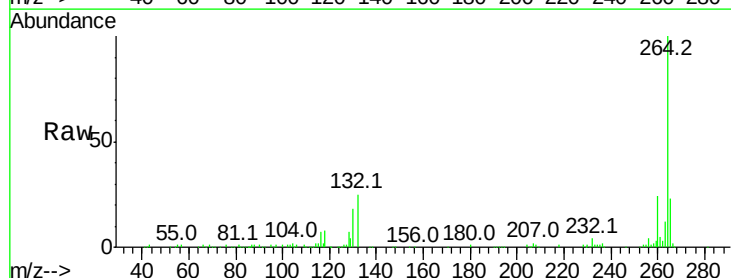
Tgt Ion:264 Resp: 174049

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.6 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

