

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101367.D
 Acq On : 13 Dec 2017 9:32
 Operator : SJ/JU
 Sample : I6764-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

Quant Time: Dec 13 10:51:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

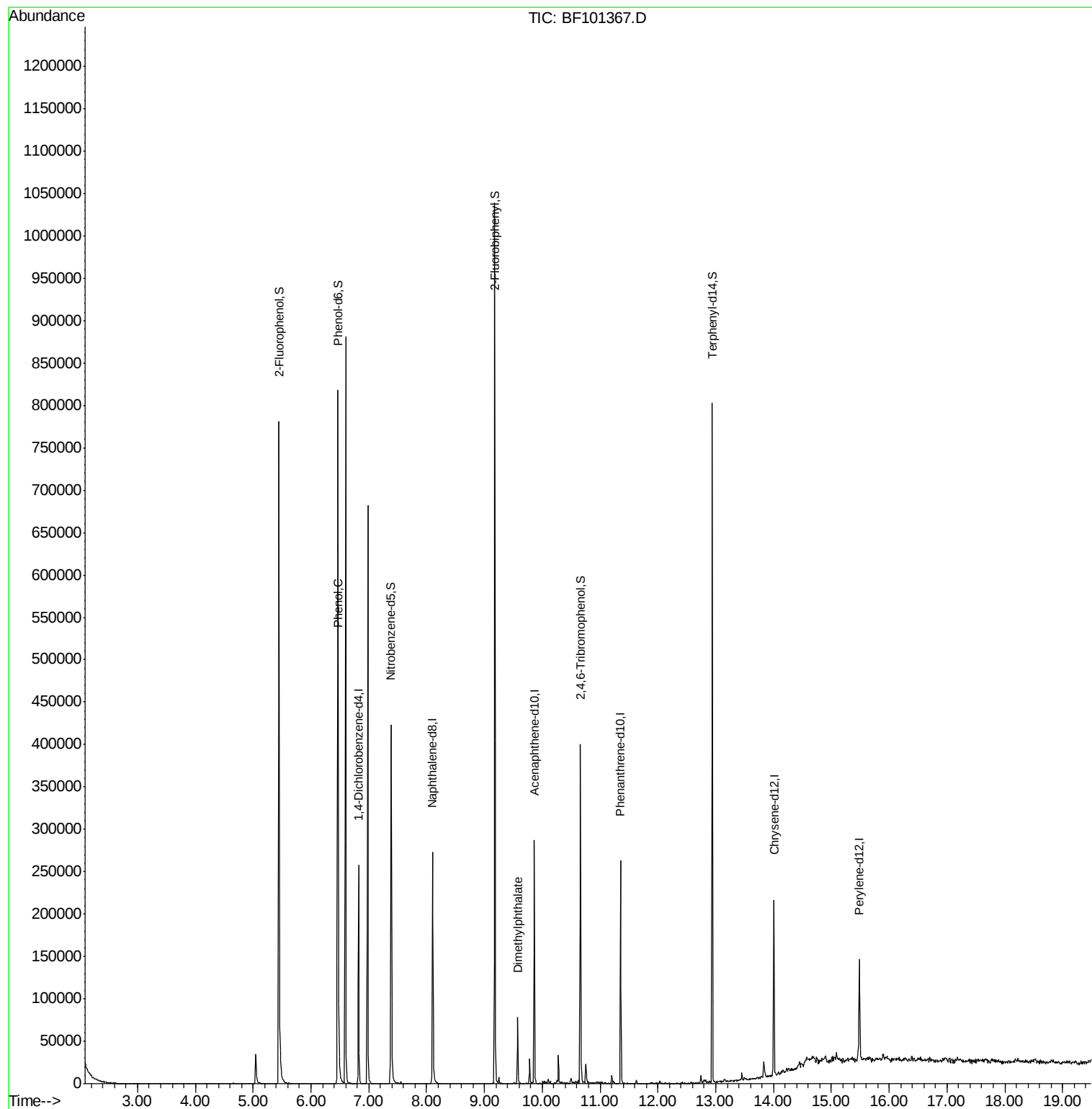
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37743	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	134283	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	52975	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	93894	20.00	ng	0.00
75) Chrysene-d12	14.01	240	73654	20.00	ng	0.00
86) Perylene-d12	15.49	264	55699	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	229800	100.61	ng	0.00
7) Phenol-d6	6.46	99	272656	98.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	146908	65.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	51365	80.71	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	302266	78.07	ng	0.00
78) Terphenyl-d14	12.94	244	269806	80.12	ng	0.00
Target Compounds						
10) Phenol	6.47	94	8256	2.677	ng	Qvalue # 65
49) Dimethylphthalate	9.57	163	30862	7.224	ng	99

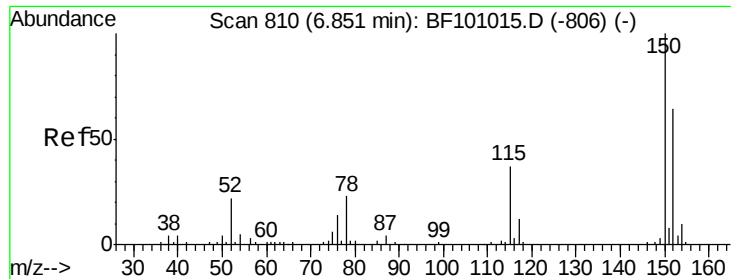
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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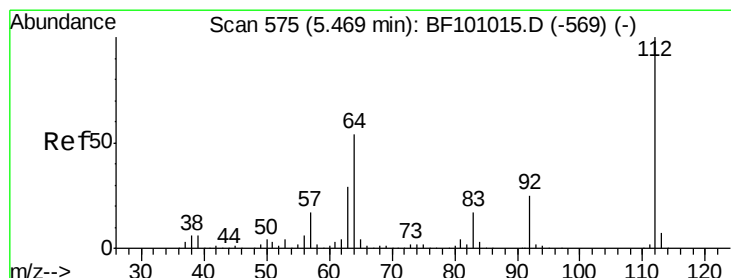
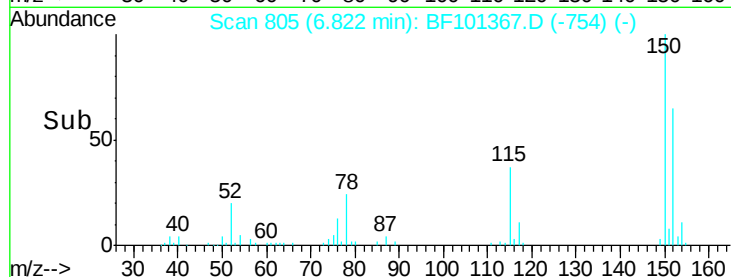
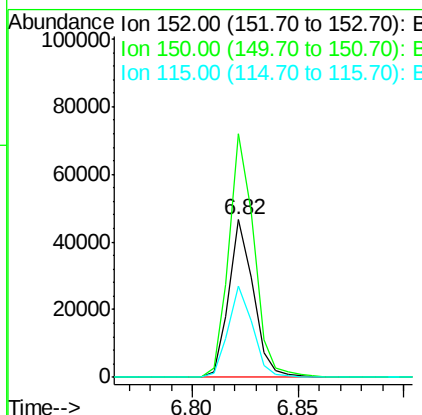
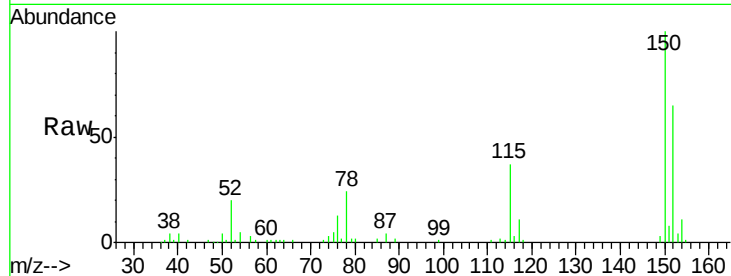


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

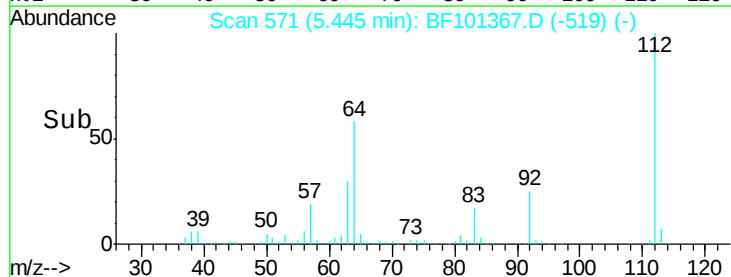
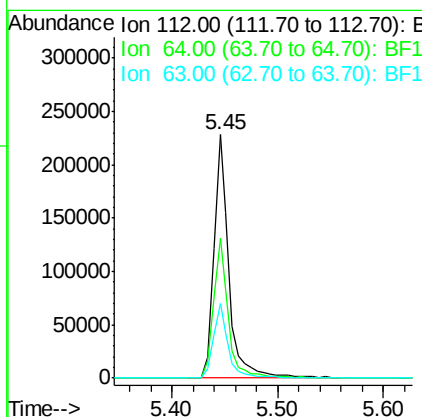
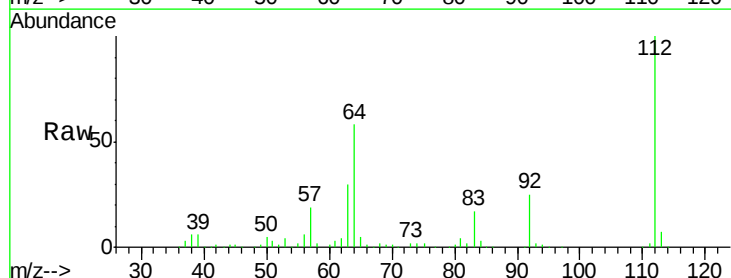
Tot Ion:152 Resp: 37743
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.7 50.1 75.1

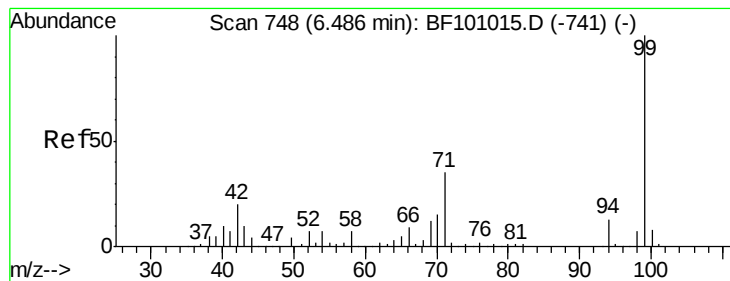


#5

2-Fluorophenol
Concen: 100.610 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:112 Resp: 229800
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 98.322 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(4-5)

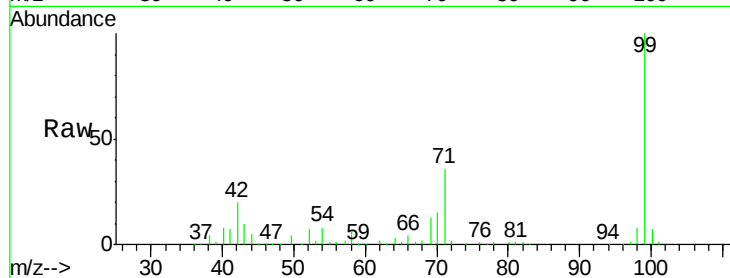
Tot Ion: 99 Resp: 272656

Ion Ratio Lower Upper

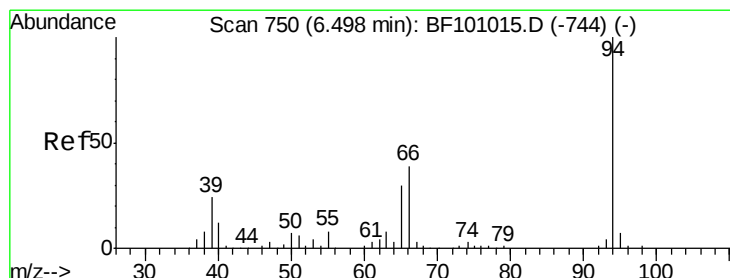
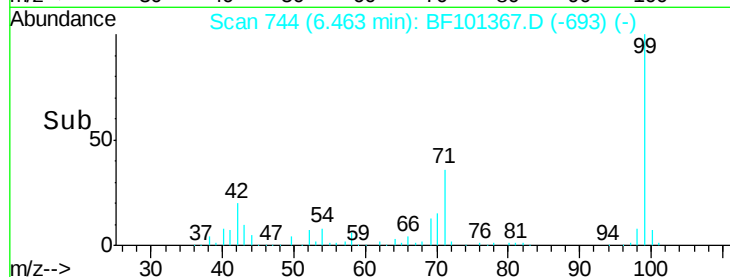
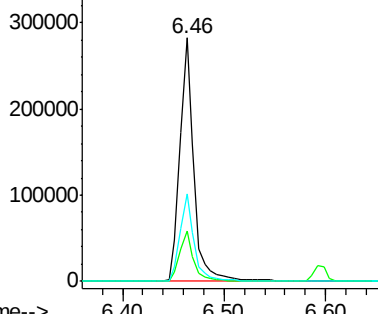
99 100

42 20.4 14.5 21.7

71 35.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.677 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

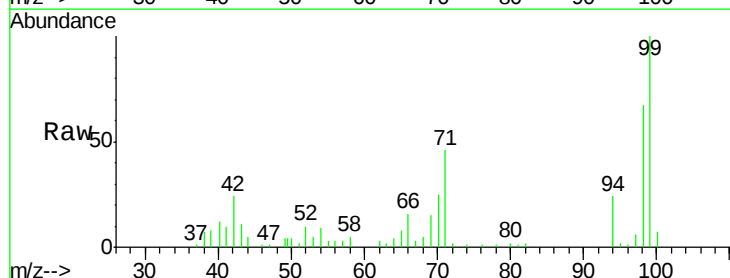
Tgt Ion: 94 Resp: 8256

Ion Ratio Lower Upper

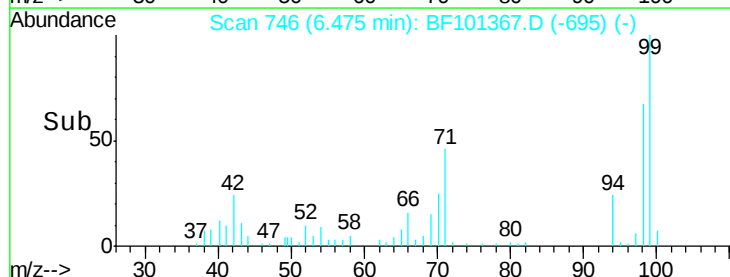
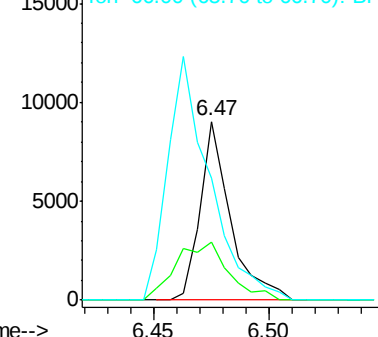
94 100

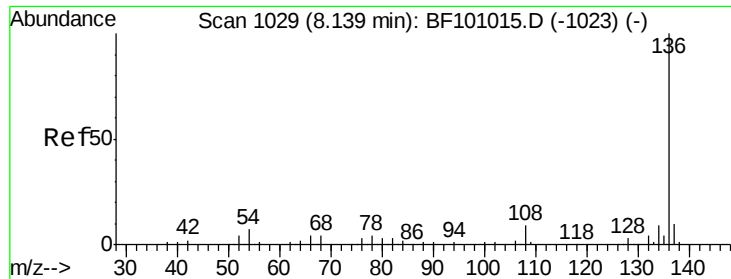
65 32.8 7.9 47.9

66 68.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

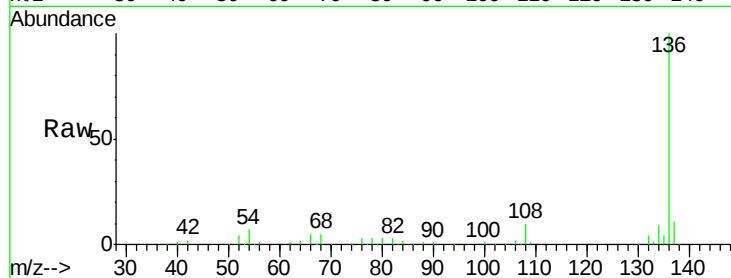




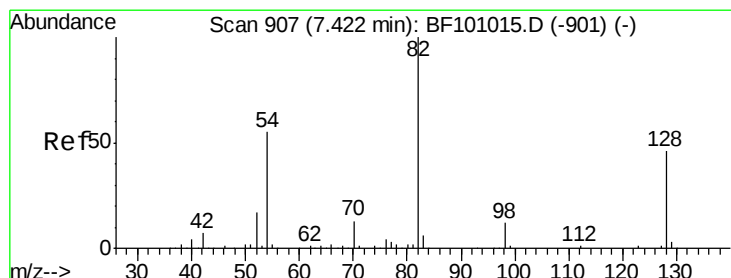
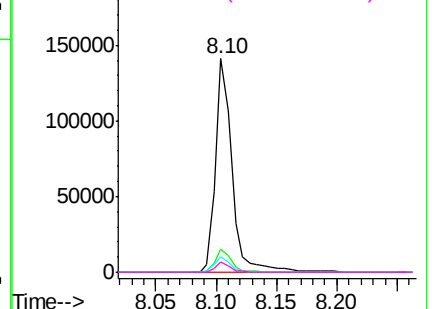
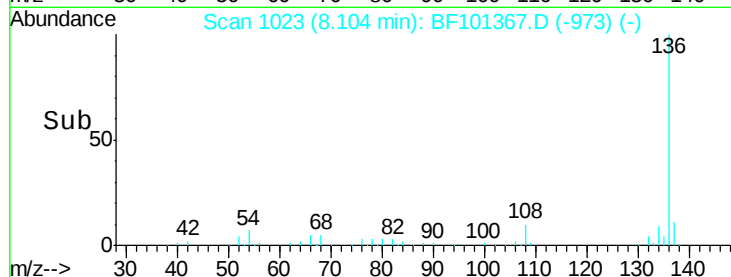
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tot Ion:136	Resp:	134283
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.4	6.6 9.8
68	5.1	5.0 7.4

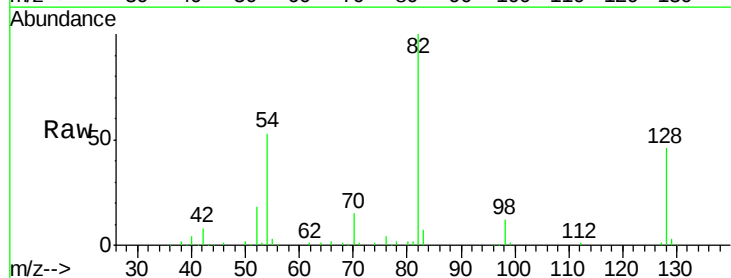


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

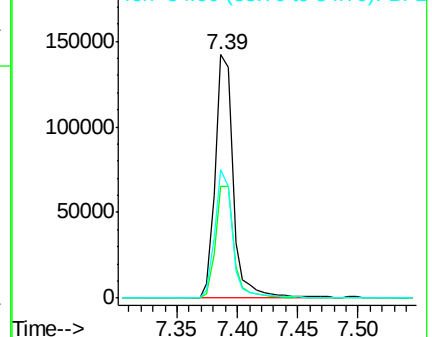
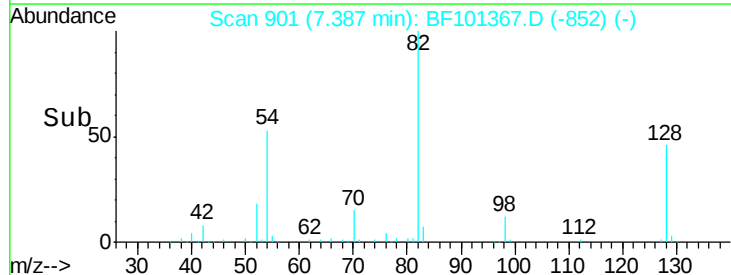


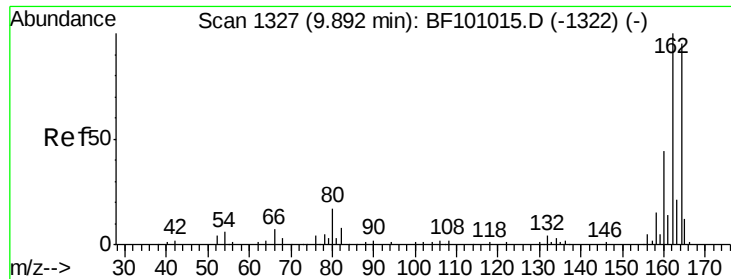
#23
Nitrobenzene-d5
Concen: 65.262 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion: 82	Resp:	146908
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	52.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

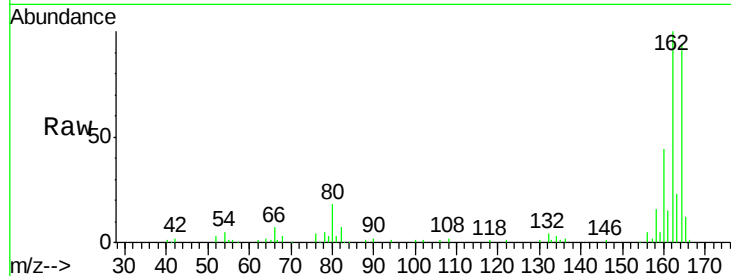




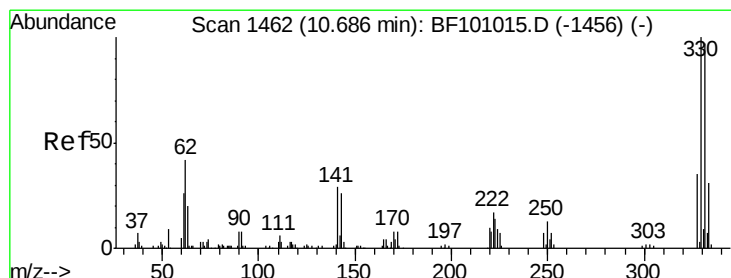
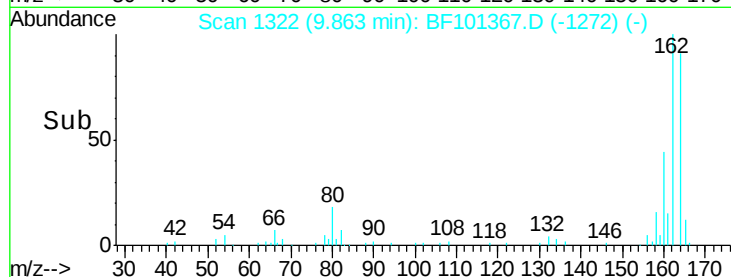
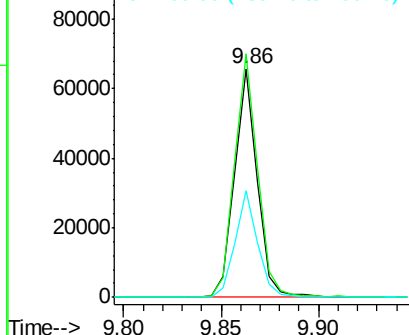
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101367.D
 Acq: 13 Dec 2017 9:32

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

Tot Ion:164 Resp: 52975
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.5 38.3 57.5

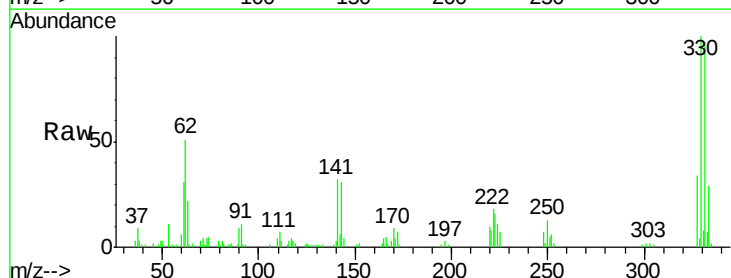


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

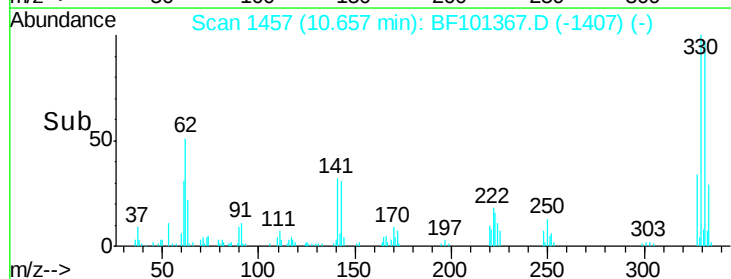
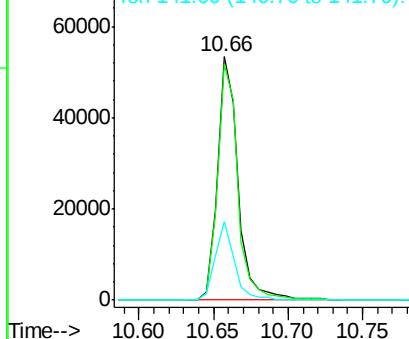


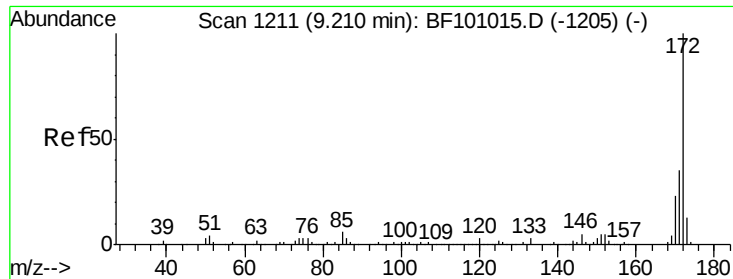
#41
 2,4,6-Tribromophenol
 Concen: 80.714 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101367.D
 Acq: 13 Dec 2017 9:32

Tgt Ion:330 Resp: 51365
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 29.9 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

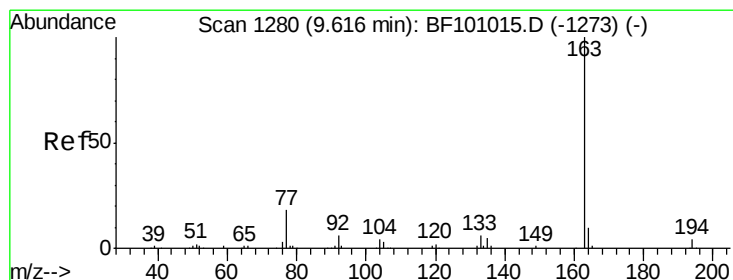
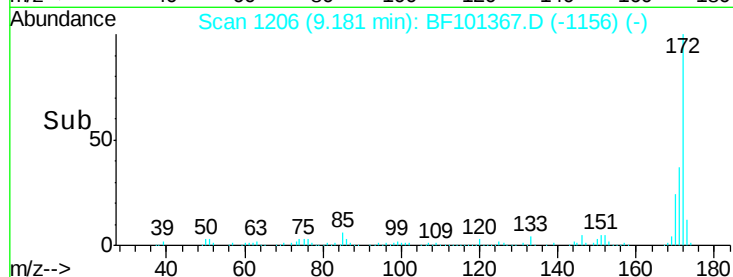
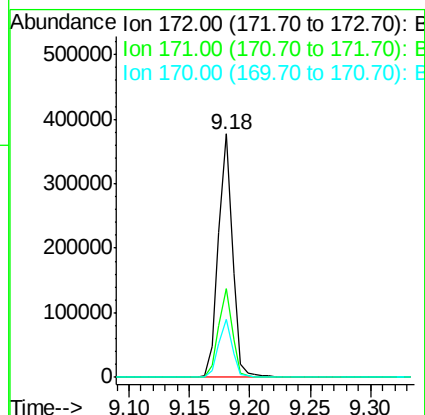
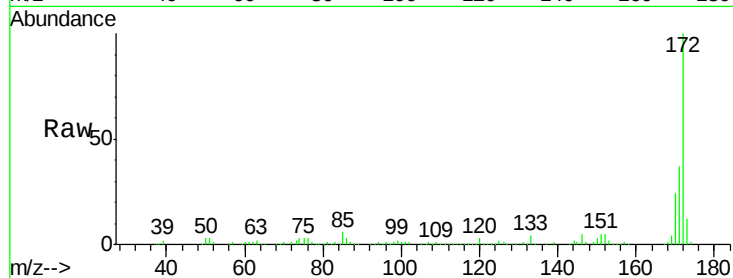




#44
2-Fluorobiphenyl
Concen: 78.067 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

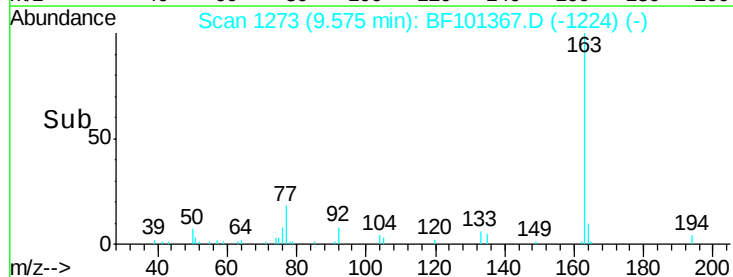
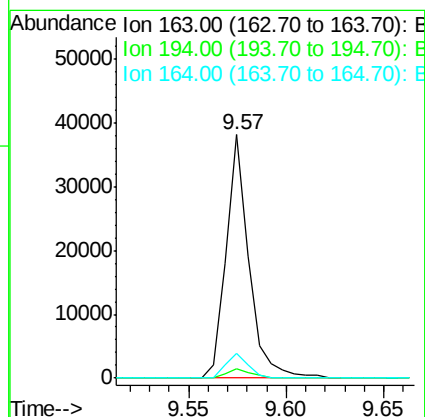
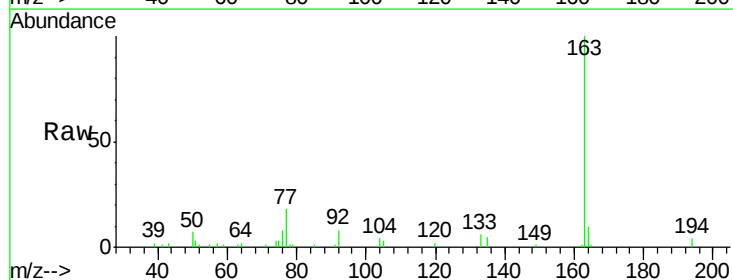
Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

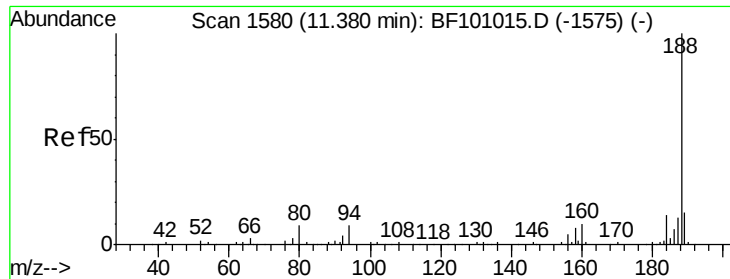
Tot Ion:172 Resp: 302266
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 7.224 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:163 Resp: 30862
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(4-5)

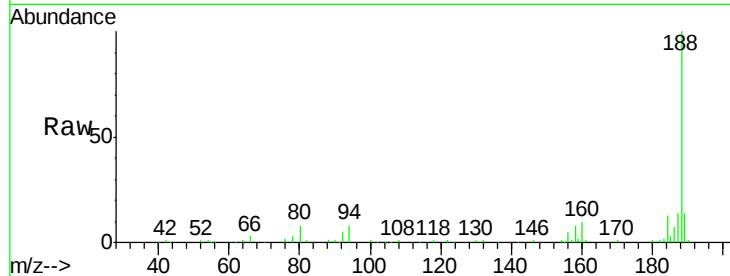
Tot Ion:188 Resp: 93894

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

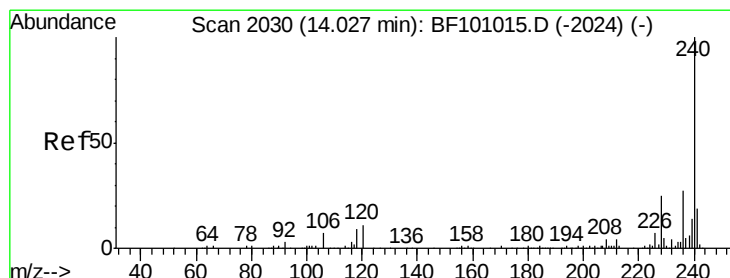
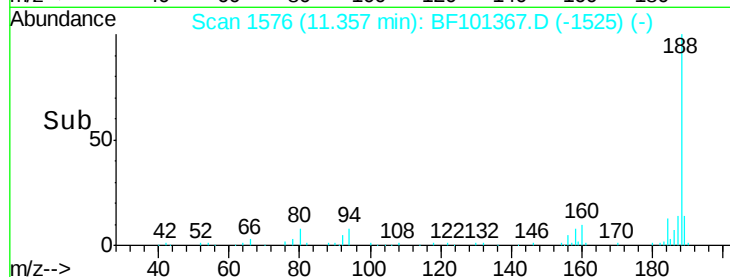
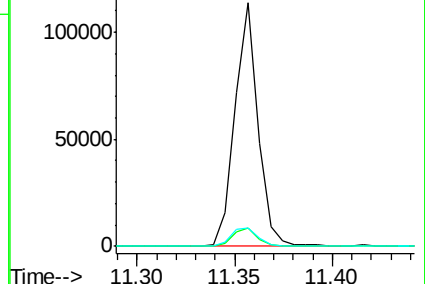
80 7.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

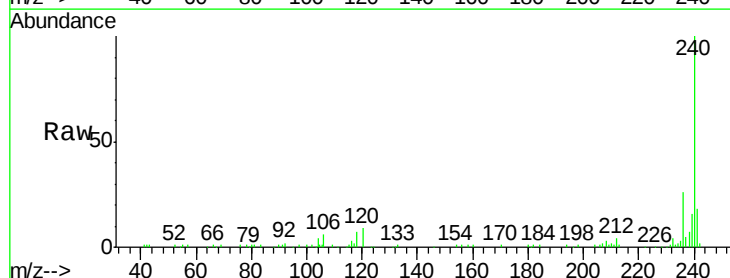
Tgt Ion:240 Resp: 73654

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

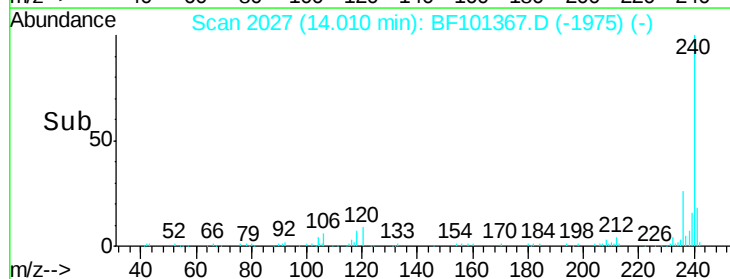
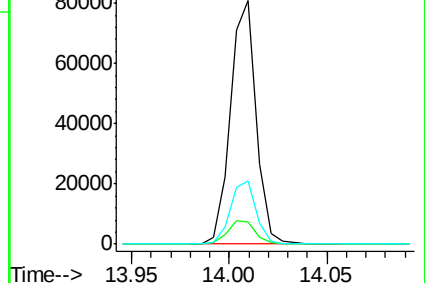
236 25.7 20.7 31.1

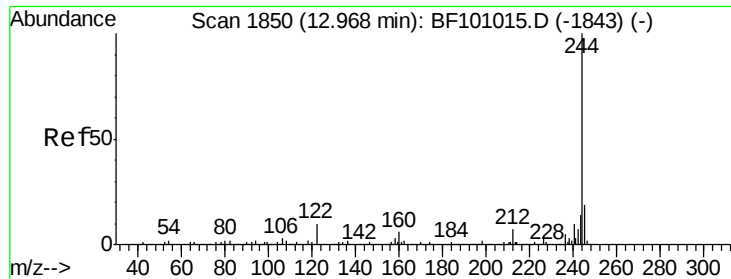


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.123 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

Instrument :

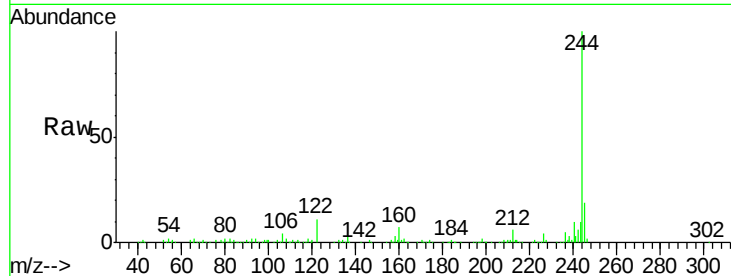
BNA_F

ClientSampleId :

MAP-8-E(4-5)

Tot Ion:244 Resp: 269806

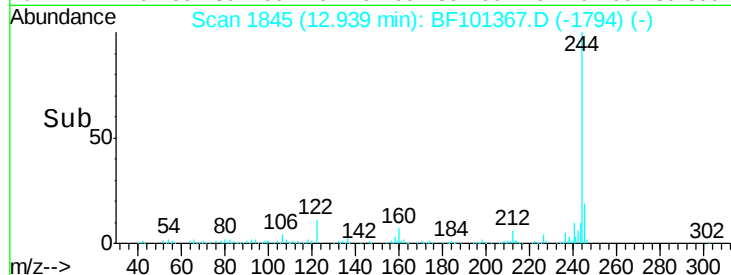
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.1	11.0	16.4



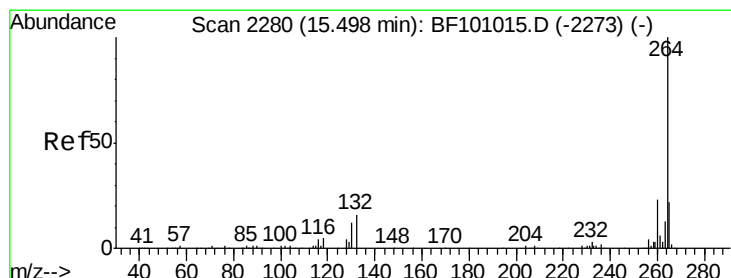
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

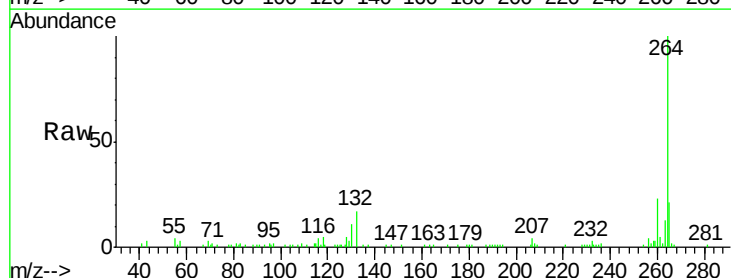
Delta R.T. 0.02 min

Lab File: BF101367.D

Acq: 13 Dec 2017 9:32

Tgt Ion:264 Resp: 55699

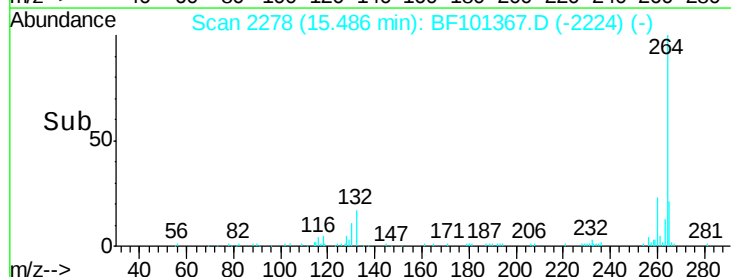
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3



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



Time-->