

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100807.D
 Acq On : 22 Nov 2017 4:13
 Operator : SJ/JU
 Sample : I6466-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(6-7)

Quant Time: Nov 22 07:42:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

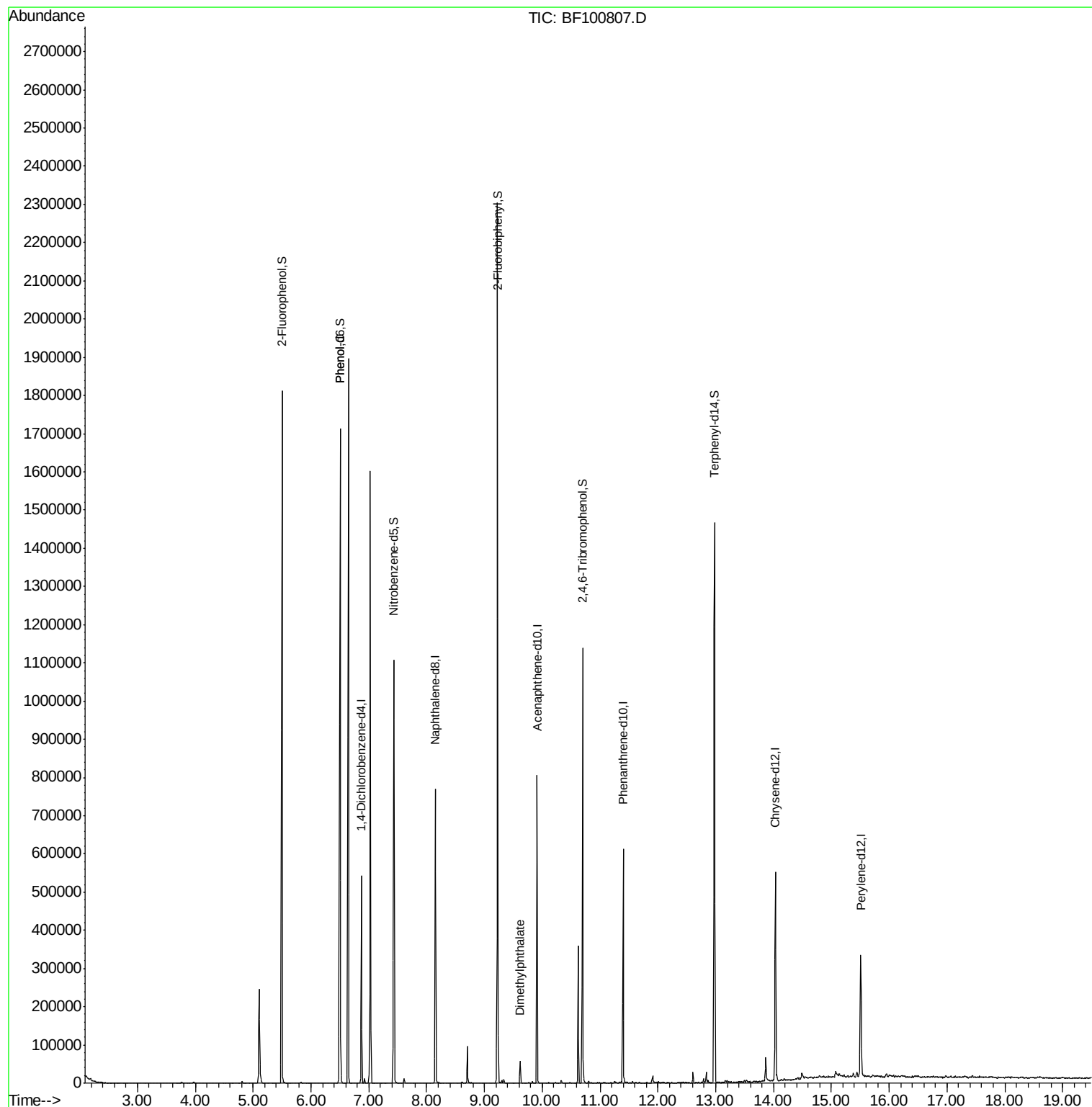
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85951	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	340264	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	147628	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	241836	20.00	ng	0.00
75) Chrysene-d12	14.03	240	178320	20.00	ng	-0.01
86) Perylene-d12	15.51	264	156483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	535756	99.92	ng	0.00
7) Phenol-d6	6.50	99	638547	96.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	395499	76.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	140297	93.26	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	732848	75.59	ng	-0.01
78) Terphenyl-d14	12.98	244	482975	62.23	ng	0.00
Target Compounds						
10) Phenol	6.51	94	34347	4.948	ng	82
49) Dimethylphthalate	9.62	163	25958	2.303	ng	100

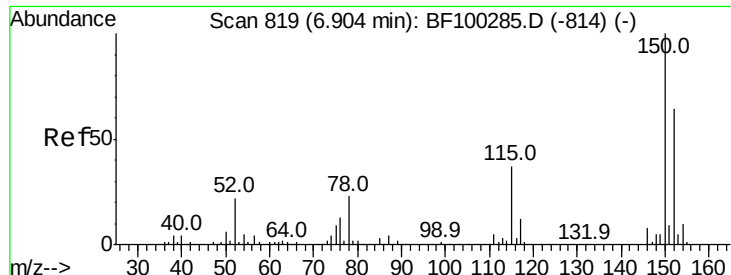
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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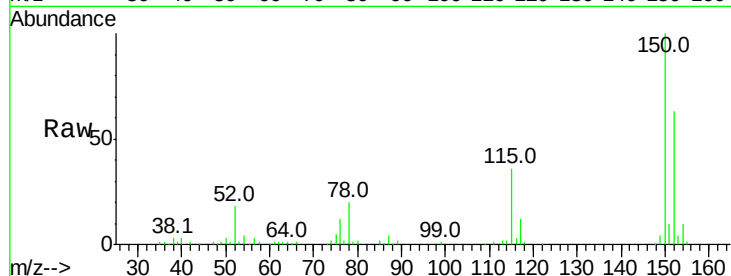


#1

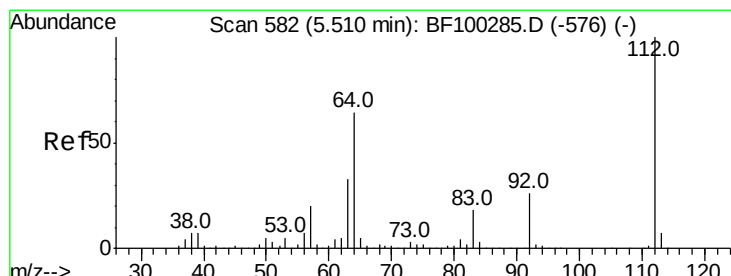
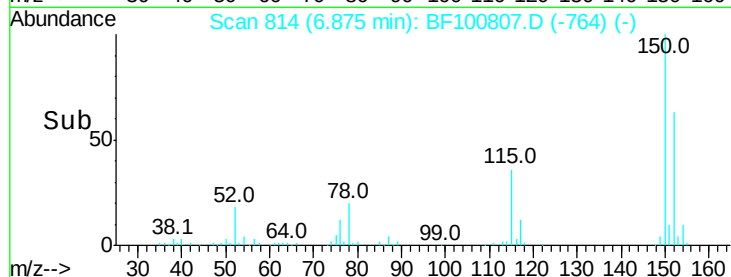
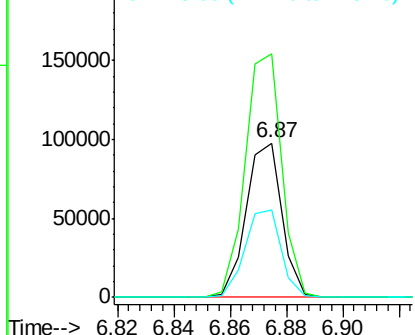
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(6-7)

Tot Ion:152 Resp: 85951
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 57.0 50.1 75.1



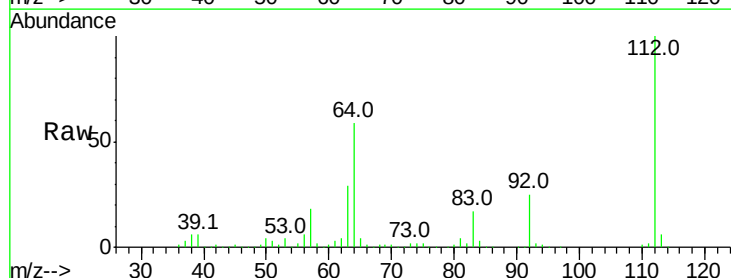
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



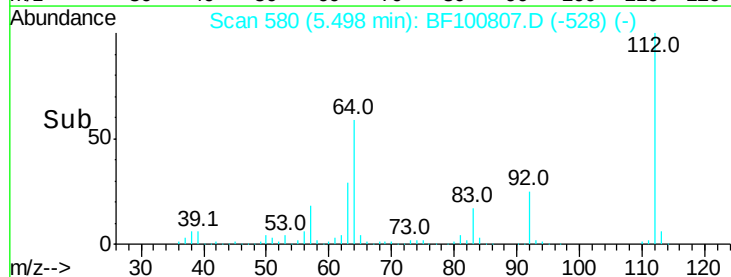
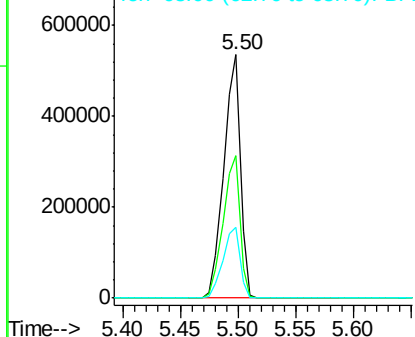
#5

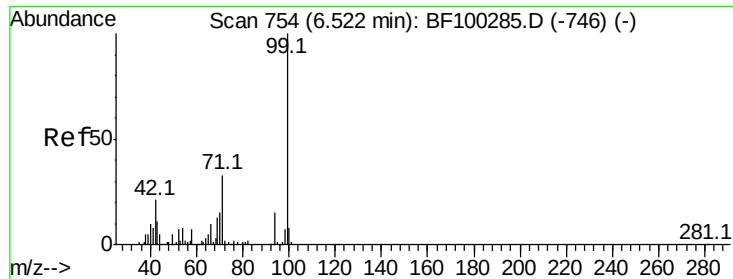
2-Fluorophenol
Concen: 99.919 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:112 Resp: 535756
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.575 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(6-7)

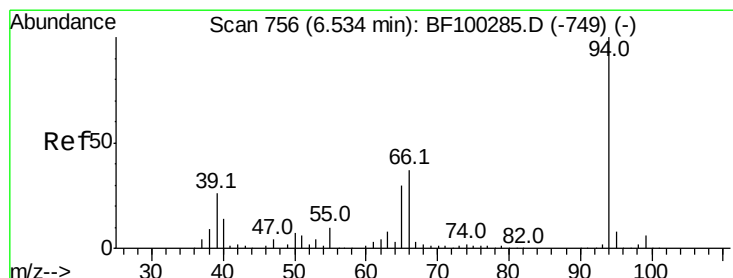
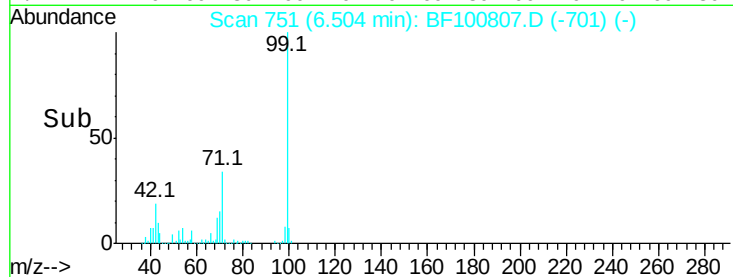
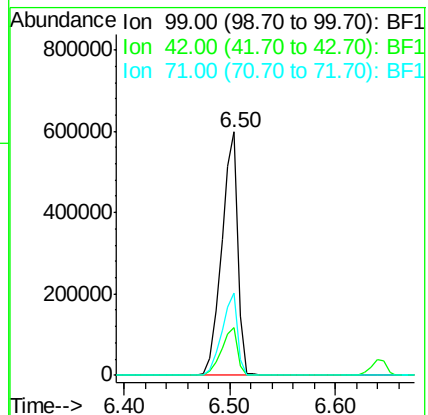
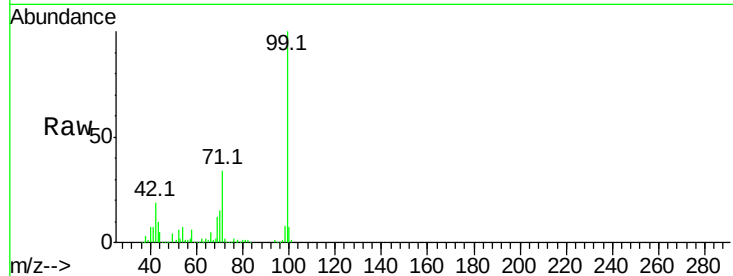
Tot Ion: 99 Resp: 638547

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 4.948 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

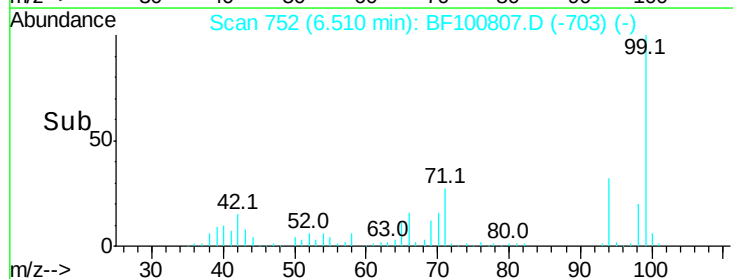
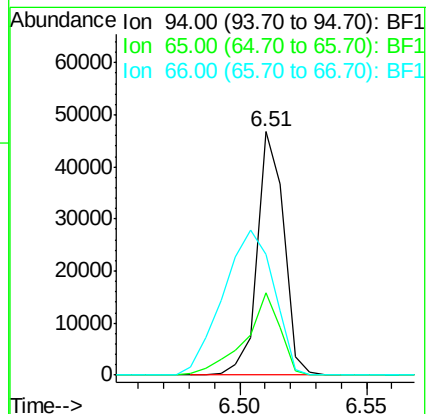
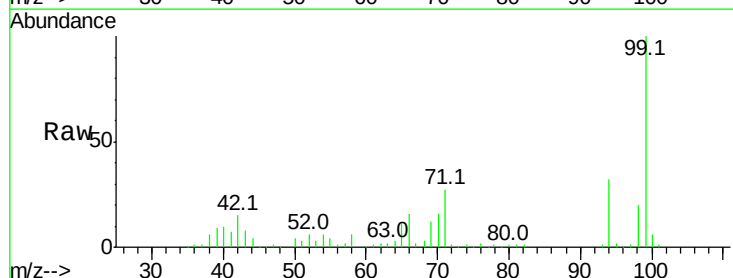
Tgt Ion: 94 Resp: 34347

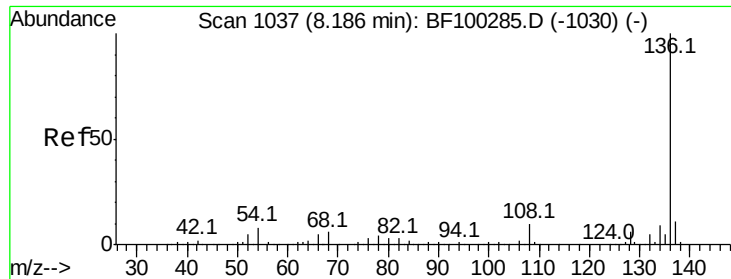
Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

66 49.8 16.2 56.2

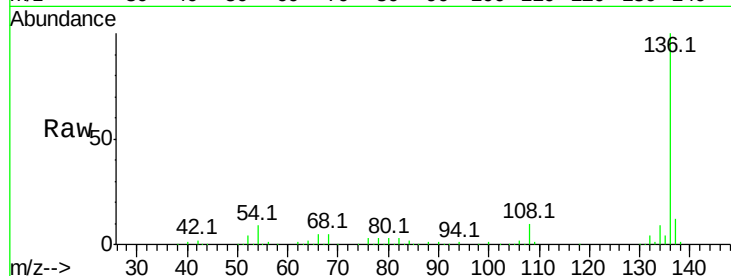




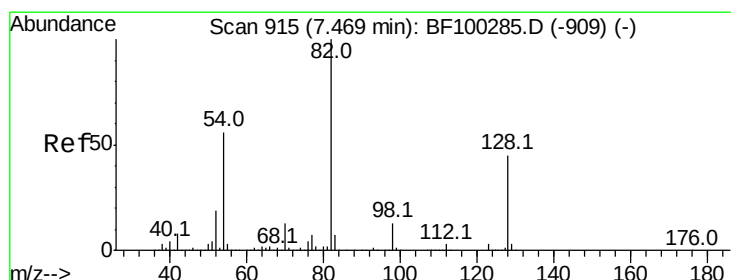
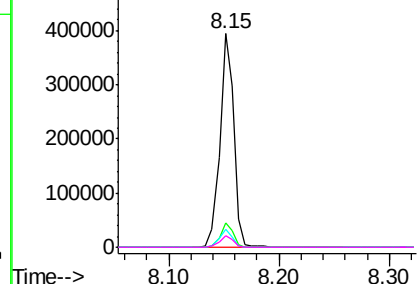
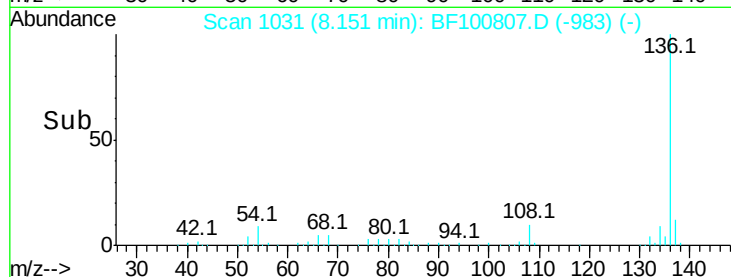
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(6-7)

Tot Ion:	136	Resp:	340264
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.5	6.6	9.8
68	5.2	5.0	7.4

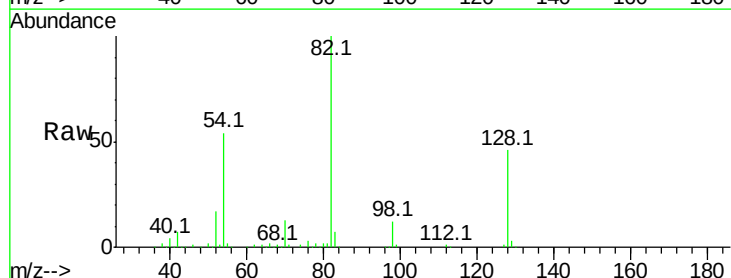


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

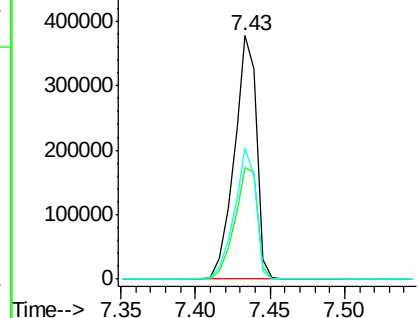
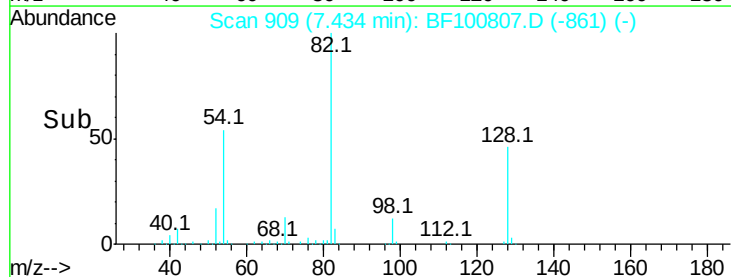


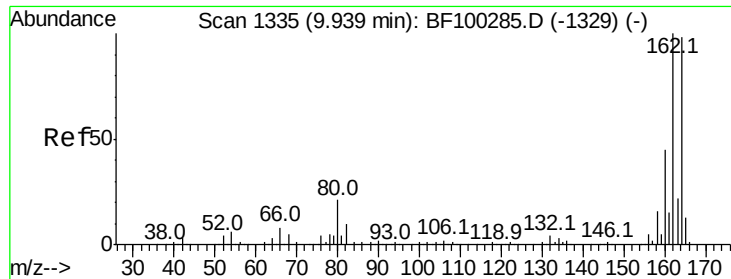
#23
Nitrobenzene-d5
Concen: 76.846 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:	82	Resp:	395499
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.8	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

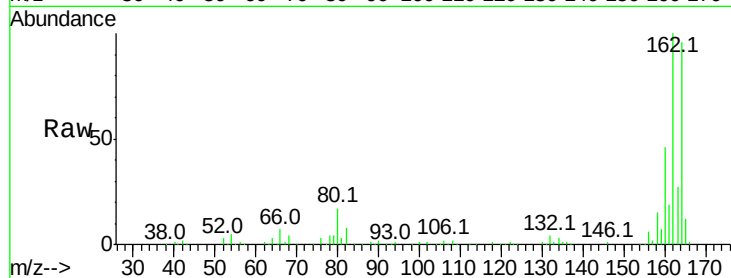




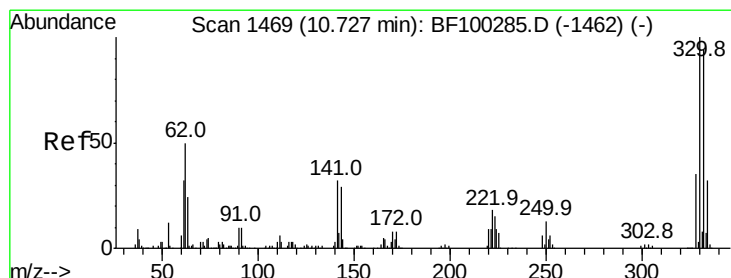
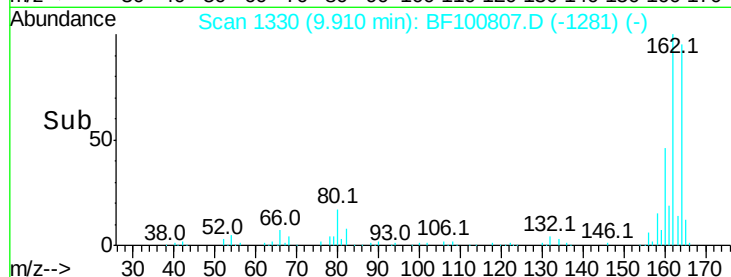
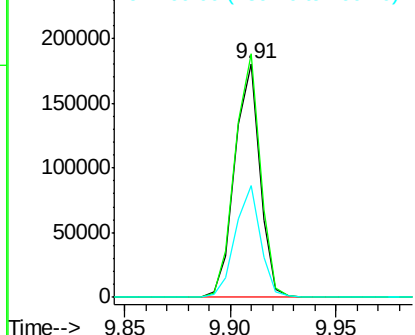
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(6-7)

Tot Ion:164 Resp: 147628
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.9 38.3 57.5

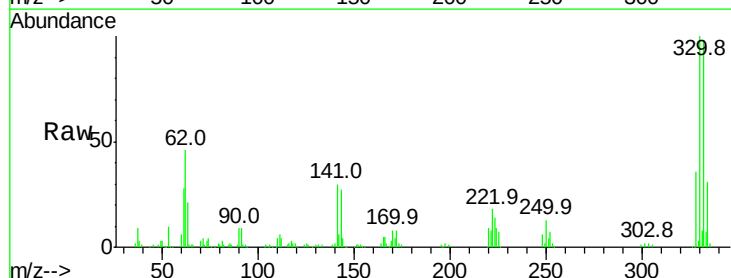


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

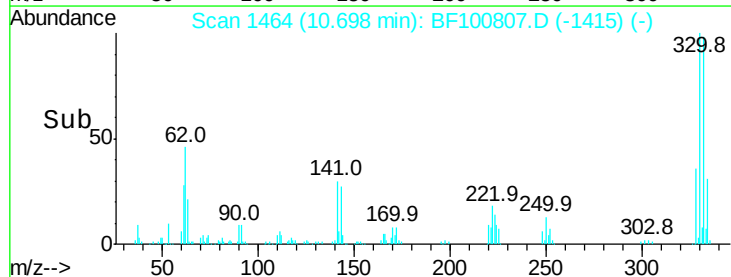
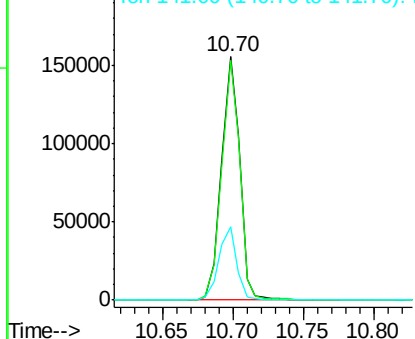


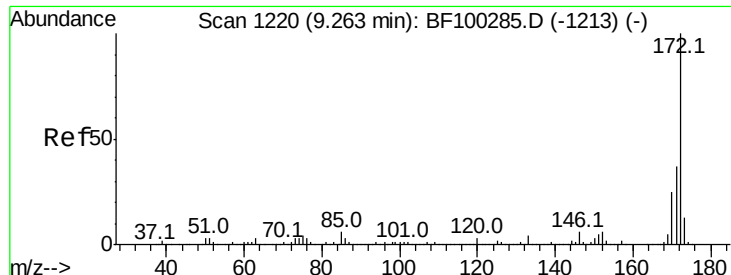
#41
2,4,6-Tribromophenol
Concen: 93.262 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:330 Resp: 140297
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 29.1 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

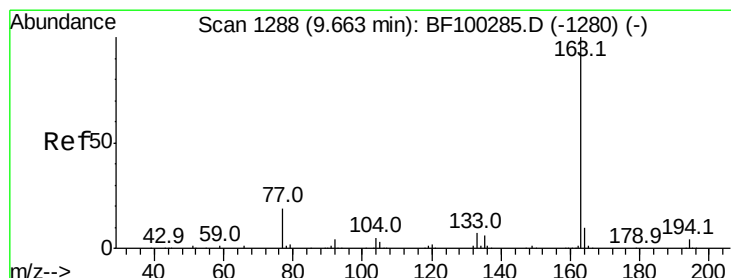
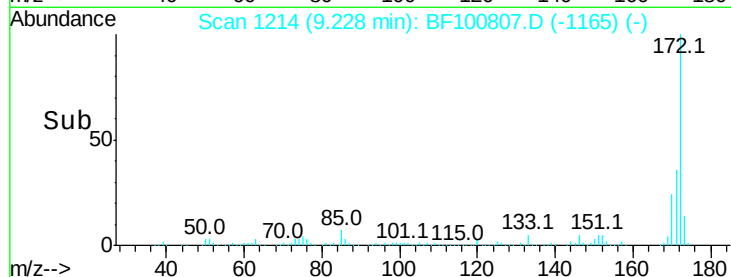
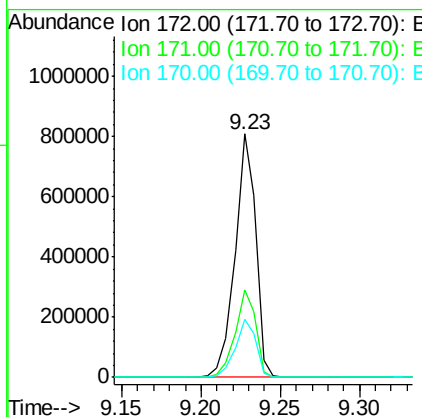
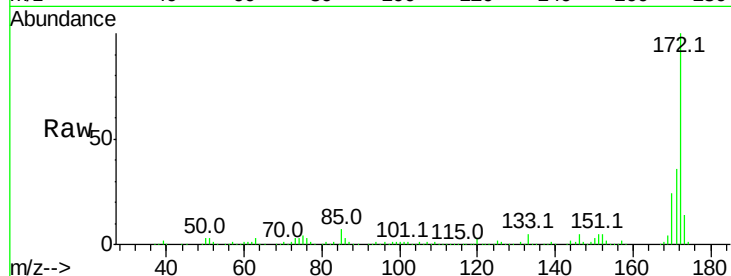




#44
 2-Fluorobiphenyl
 Concen: 75.590 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

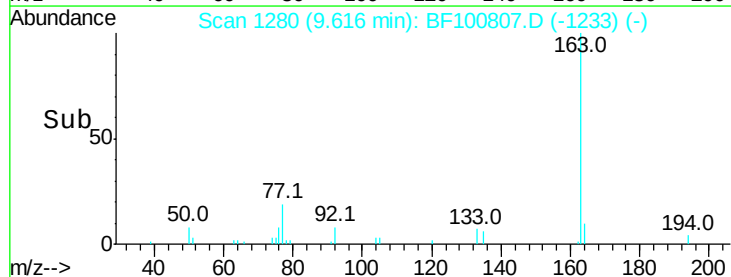
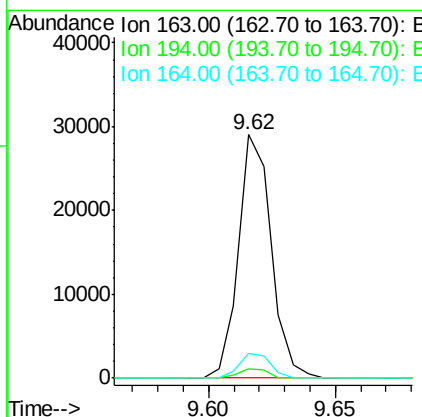
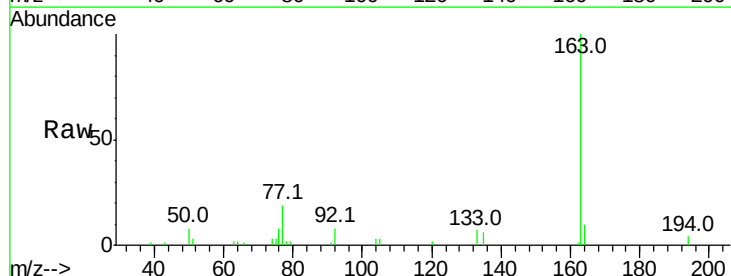
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 CHAP-2-E(6-7)

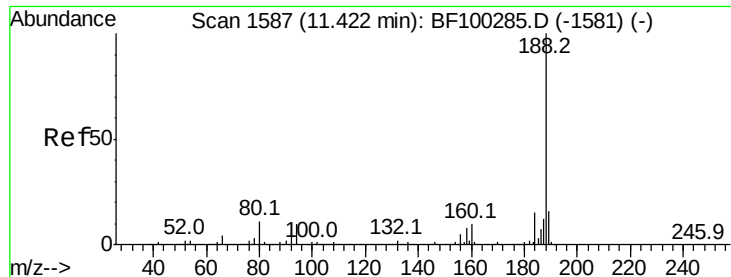
Tot Ion:172 Resp: 732848
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.303 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF100807.D
 Acq: 22 Nov 2017 4:13

Tgt Ion:163 Resp: 25958
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.3 8.2 12.2

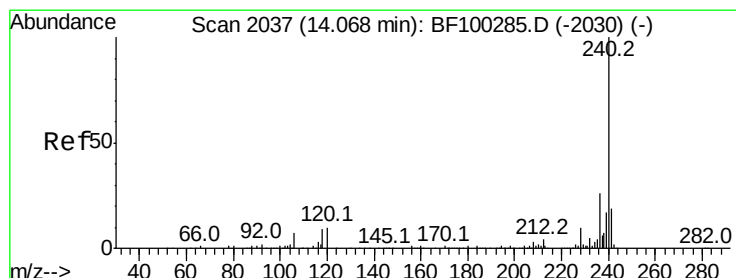
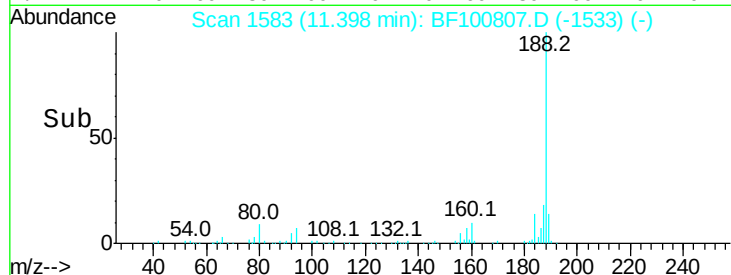
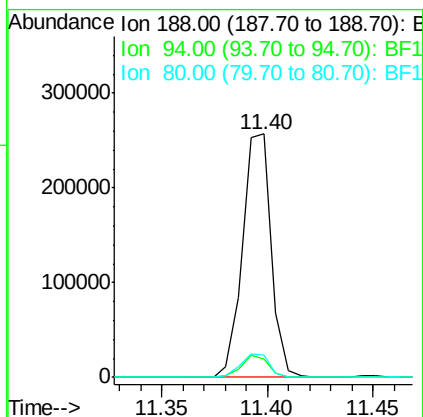
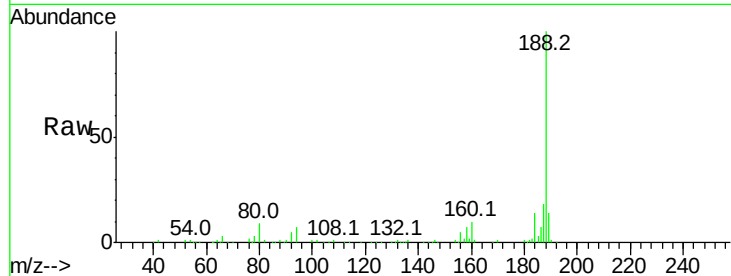




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

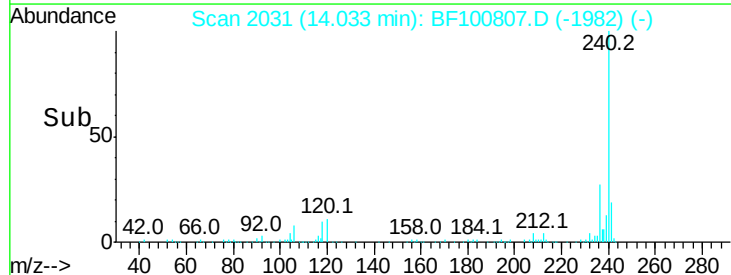
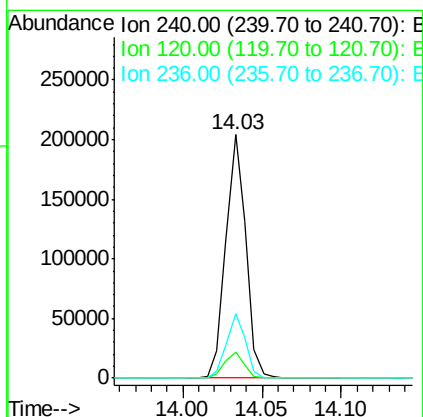
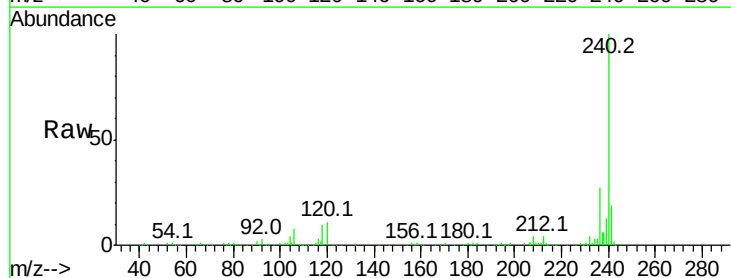
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CHAP-2-E(6-7)

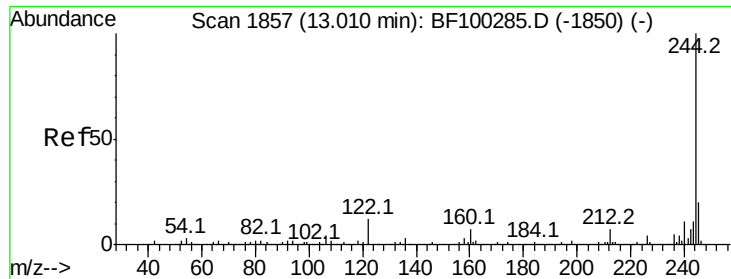
Tot Ion:188 Resp: 241836
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100807.D
Acq: 22 Nov 2017 4:13

Tgt Ion:240 Resp: 178320
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 62.233 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

Instrument :

BNA_F

ClientSampleId :

CHAP-2-E(6-7)

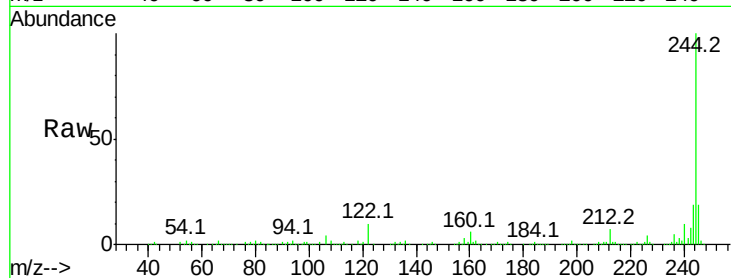
Tot Ion:244 Resp: 482975

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

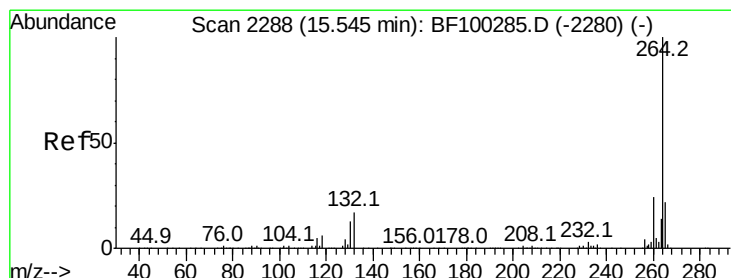
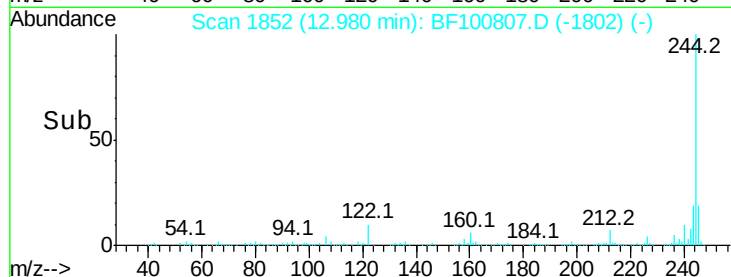
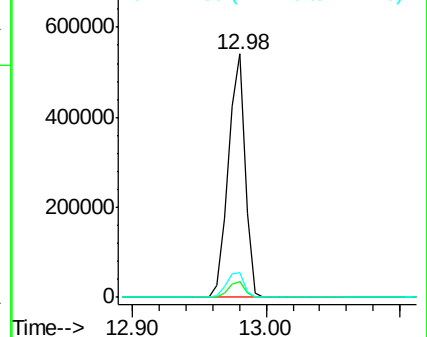
122 10.2 11.0 16.4#



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100807.D

Acq: 22 Nov 2017 4:13

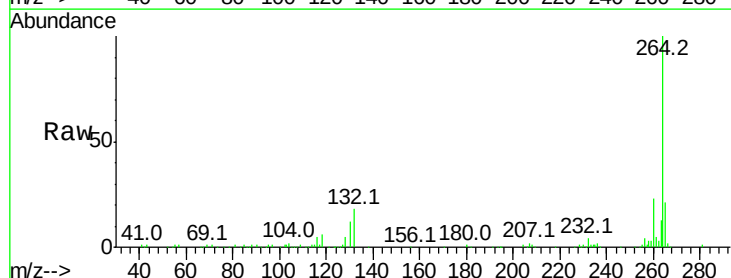
Tgt Ion:264 Resp: 156483

Ion Ratio Lower Upper

264 100

260 23.1 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

