

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101209.D
 Acq On : 7 Dec 2017 17:03
 Operator : SJ/JU
 Sample : I6765-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB009A

Quant Time: Dec 07 19:32:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

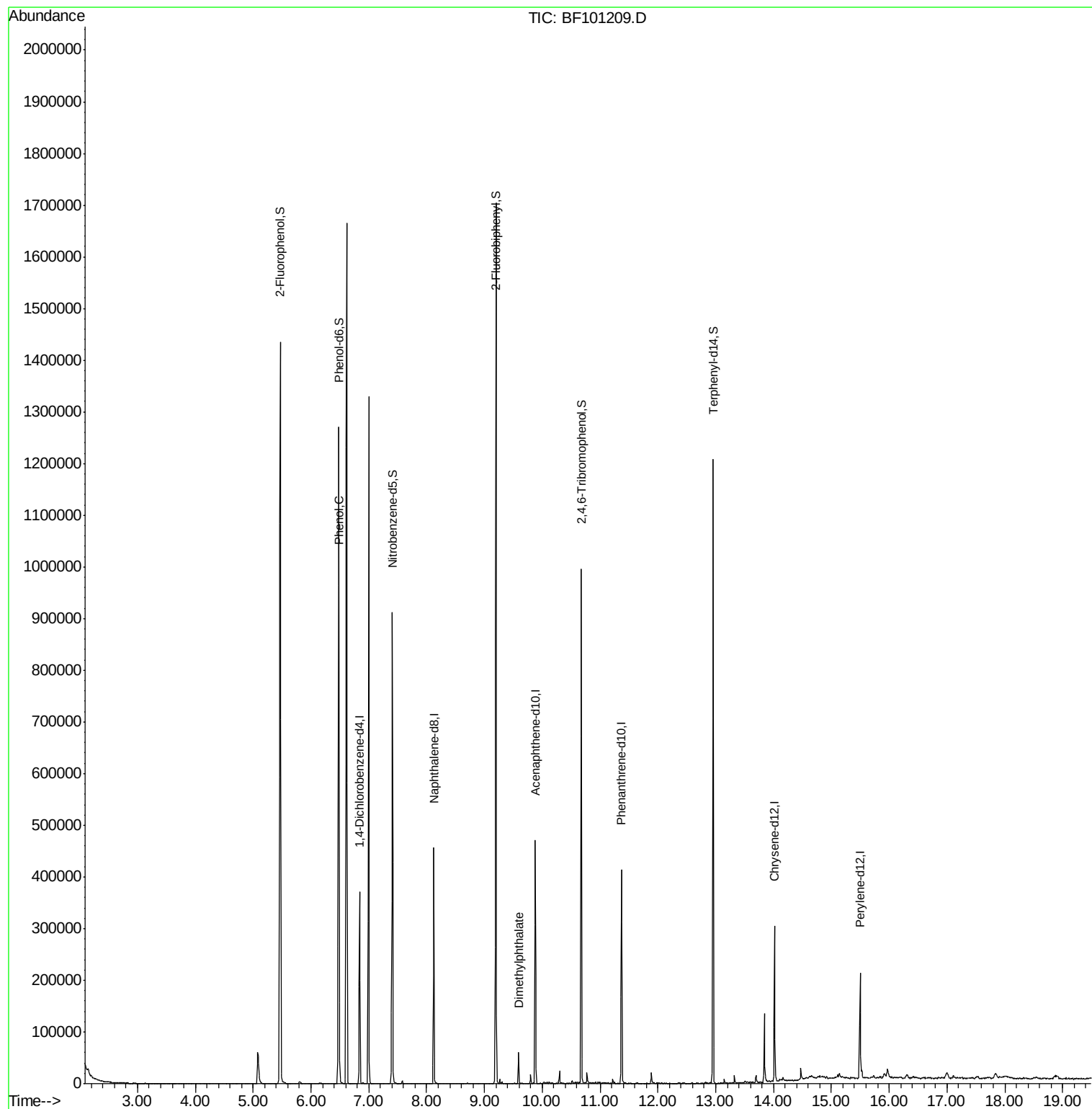
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	51229	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	198446	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	85037	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	145463	20.00	ng	0.00
75) Chrysene-d12	14.02	240	111434	20.00	ng	0.00
86) Perylene-d12	15.50	264	98848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	421710	136.03	ng	0.00
7) Phenol-d6	6.48	99	513386	136.40	ng	0.00
23) Nitrobenzene-d5	7.41	82	304296	91.47	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	120495	117.95	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	567182	91.26	ng	-0.01
78) Terphenyl-d14	12.96	244	407921	80.07	ng	0.00
Target Compounds						
10) Phenol	6.49	94	20555	4.911	ng	94
49) Dimethylphthalate	9.59	163	24424	3.561	ng	99

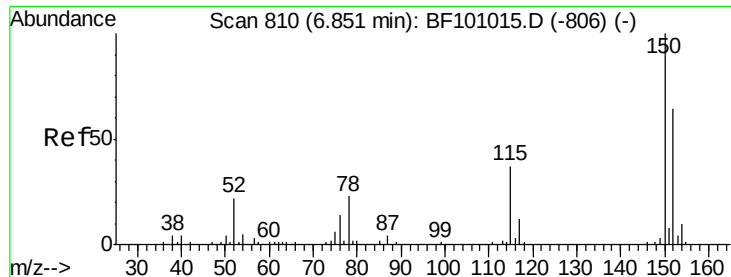
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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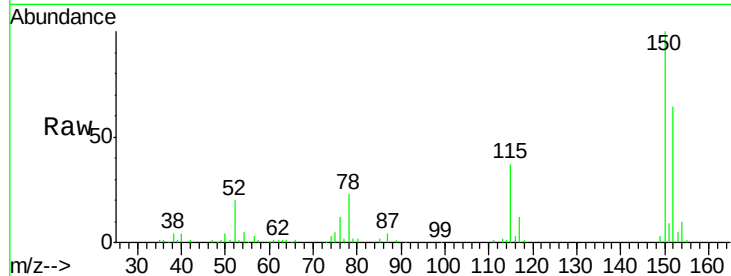


#1

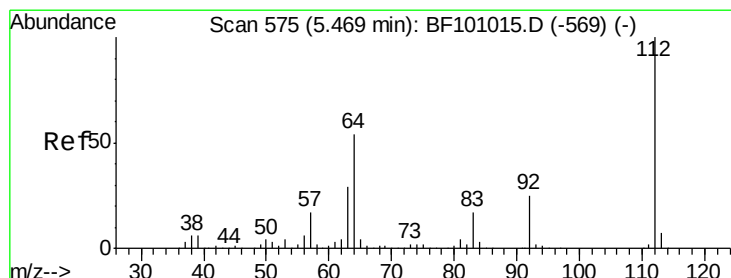
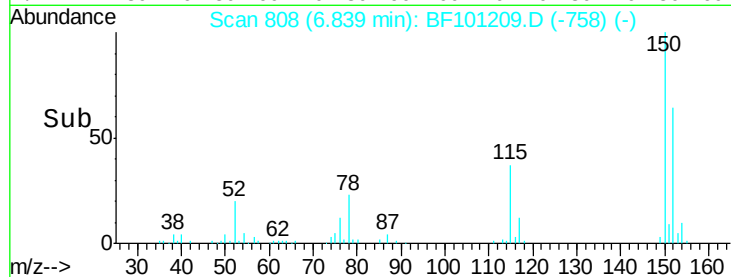
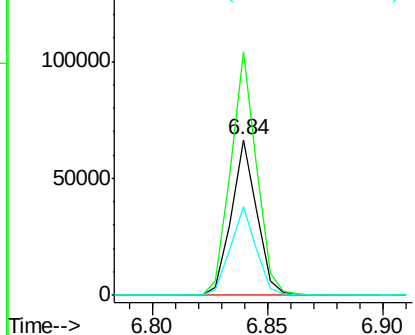
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SOIL-SB009A

Tot Ion:152 Resp: 51229
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.5 50.1 75.1



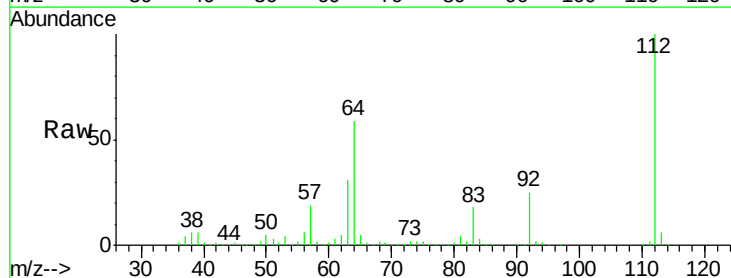
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



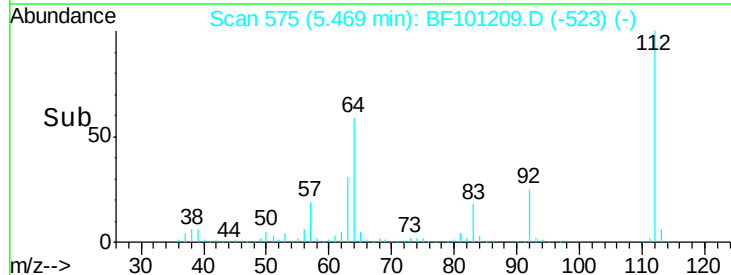
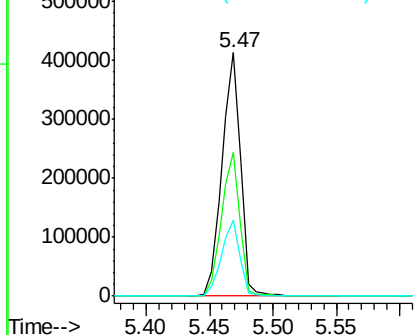
#5

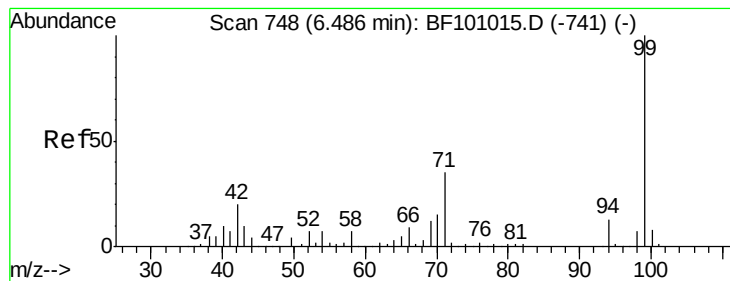
2-Fluorophenol
Concen: 136.027 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

Tgt Ion:112 Resp: 421710
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.0 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: 136.396 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SOIL-SB009A

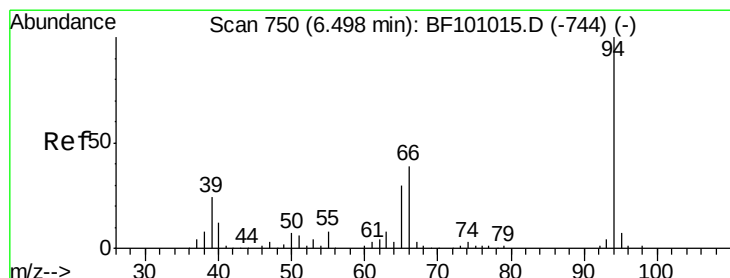
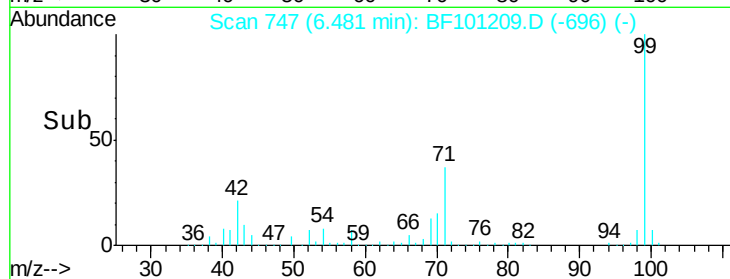
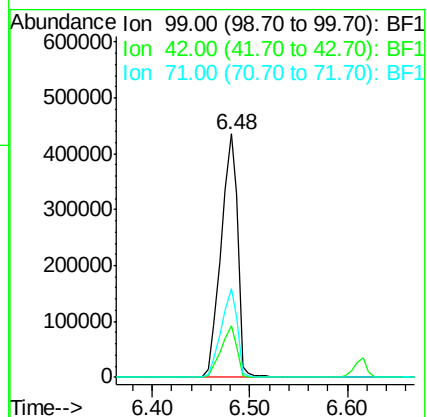
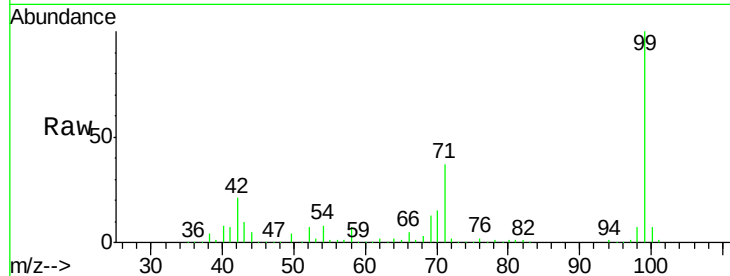
Tot Ion: 99 Resp: 513386

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 36.6 25.4 38.0



#10

Phenol

Concen: 4.911 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

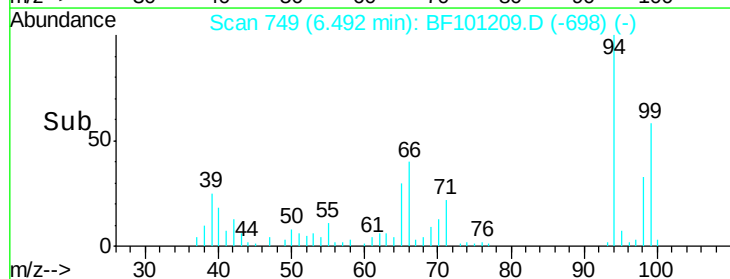
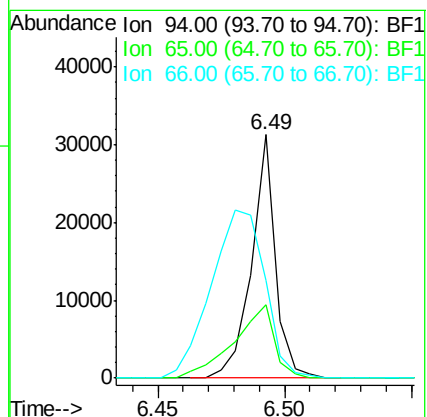
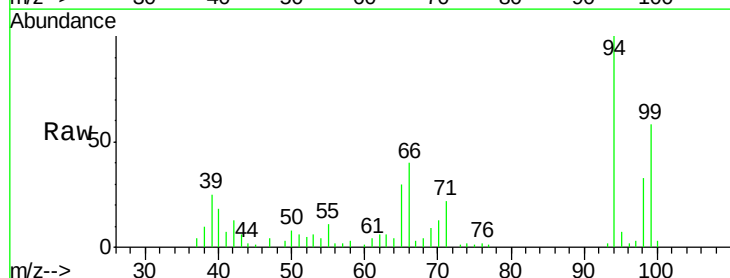
Tgt Ion: 94 Resp: 20555

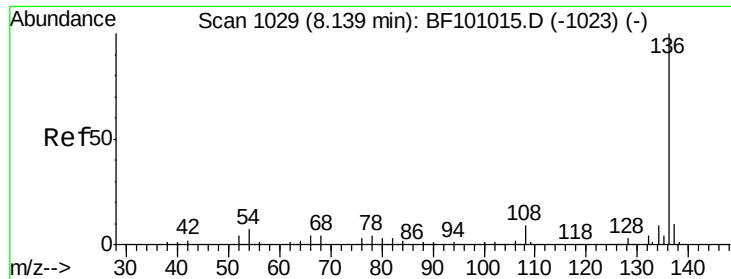
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 40.2 16.2 56.2

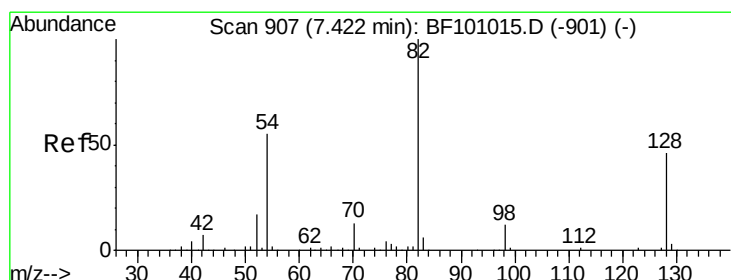
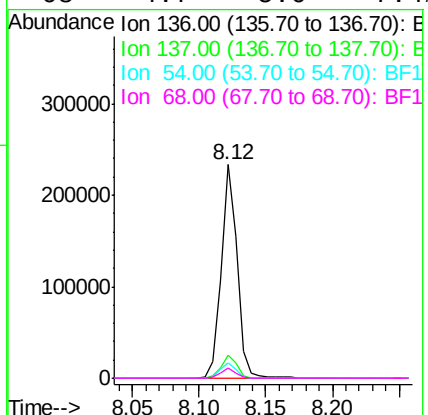
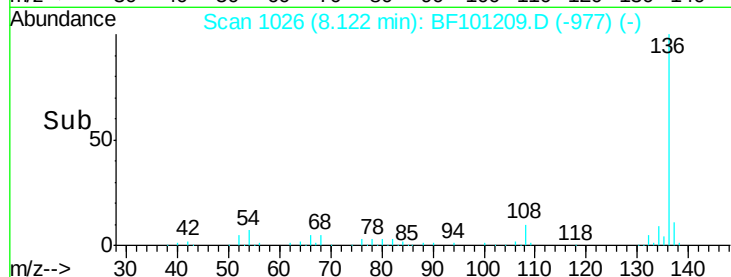
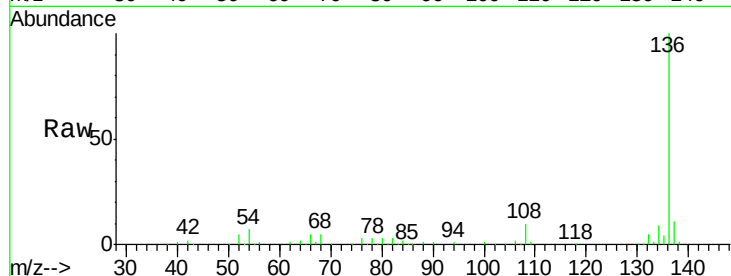




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

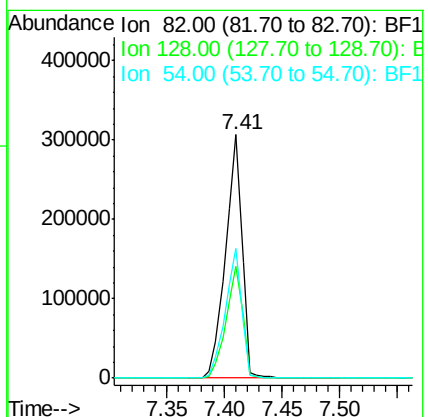
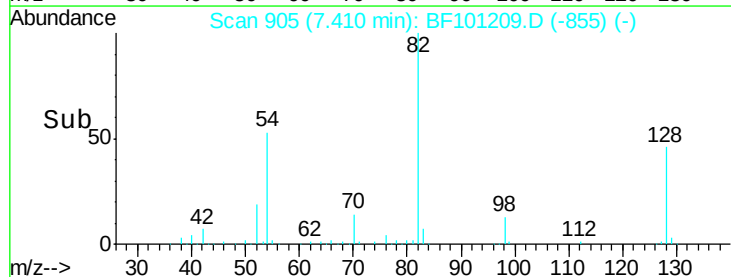
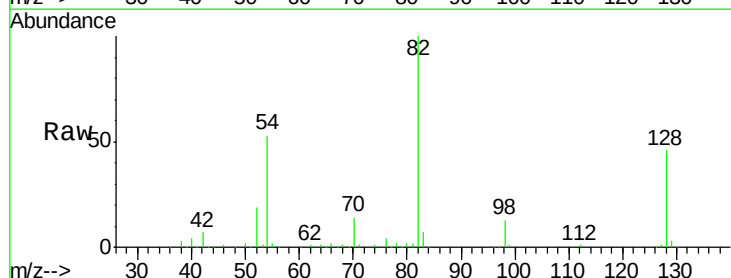
Instrument :
BNA_F
ClientSampleId :
SOIL-SB009A

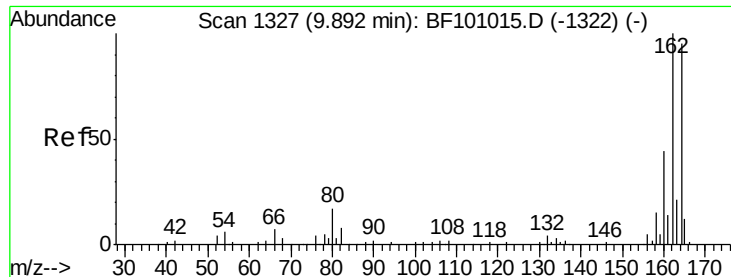
Tot Ion:	136	Resp:	198446
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 91.472 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

Tgt Ion:	82	Resp:	304296
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.1	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SOIL-SB009A

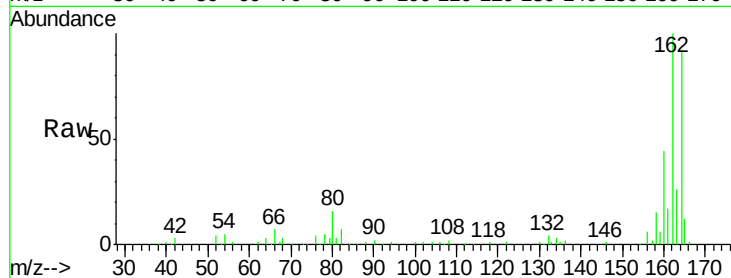
Tot Ion:164 Resp: 85037

Ion Ratio Lower Upper

164 100

162 108.6 86.1 129.1

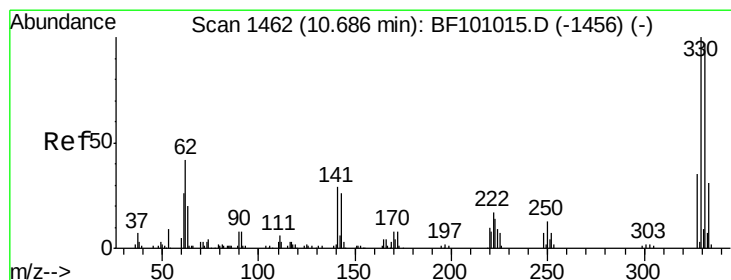
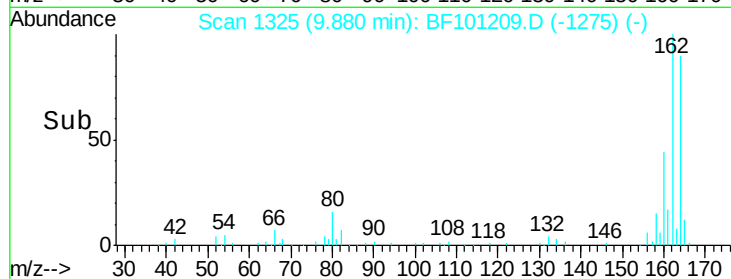
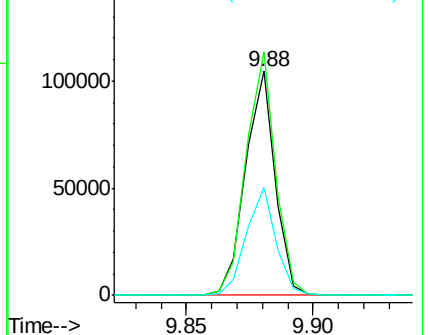
160 47.8 38.3 57.5



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: 117.955 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

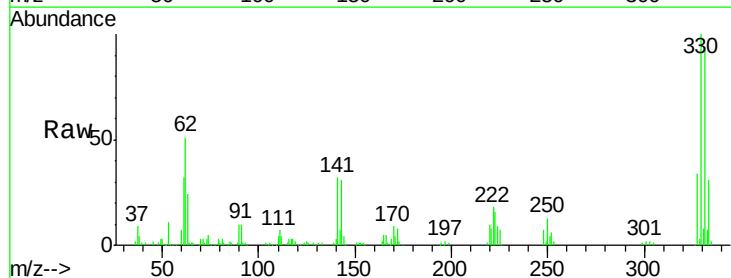
Tgt Ion:330 Resp: 120495

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

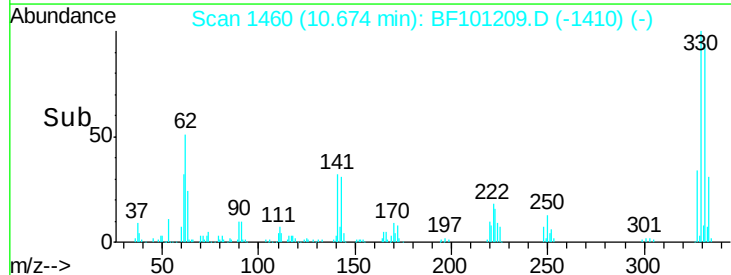
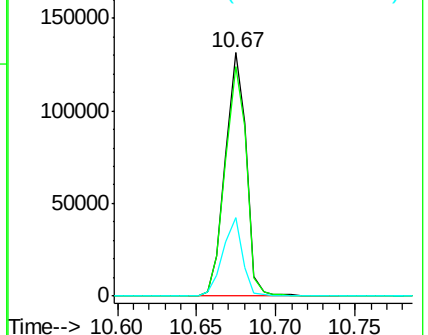
141 30.2 29.9 44.9

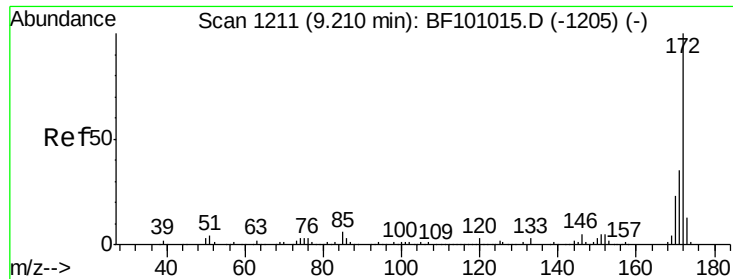


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

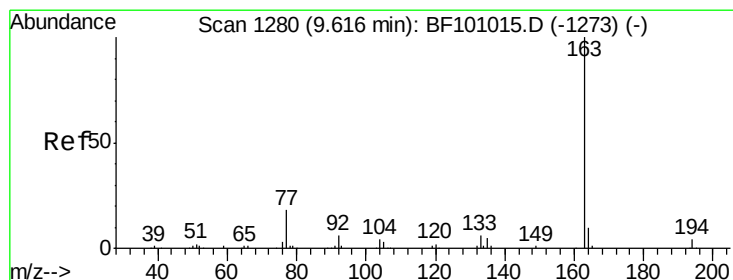
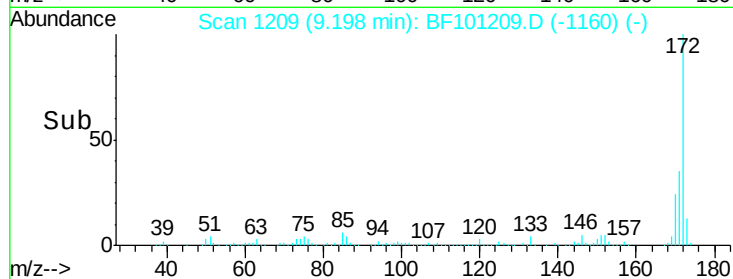
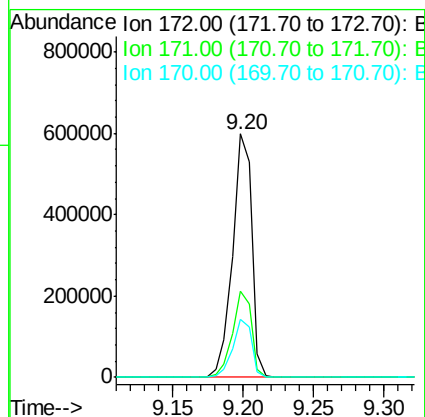
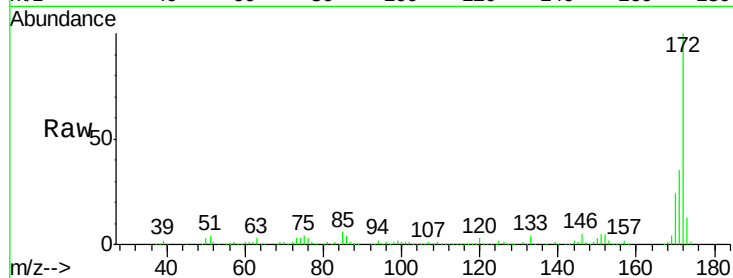




#44
2-Fluorobiphenyl
Concen: 91.256 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

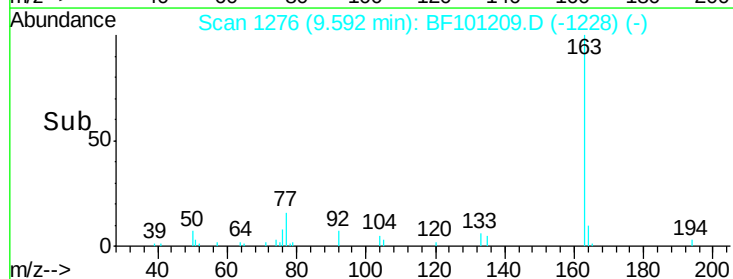
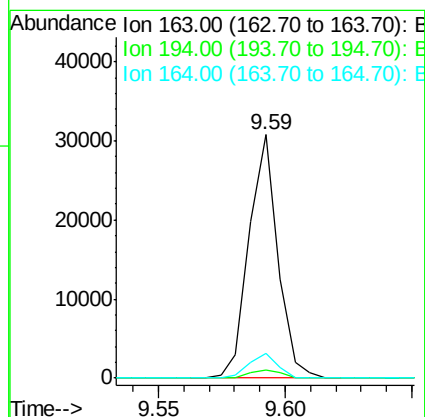
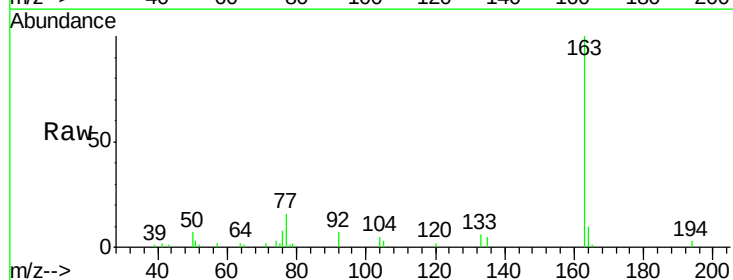
Instrument :
BNA_F
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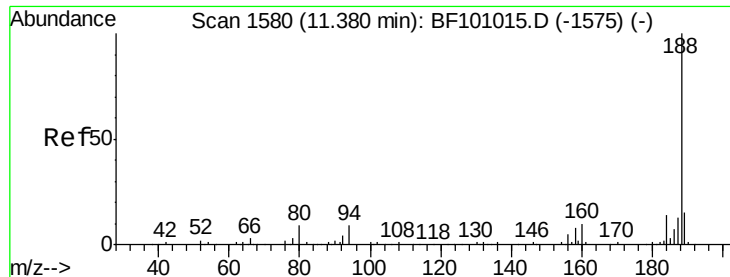
Tot Ion:172 Resp: 567182
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 3.561 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101209.D
Acq: 7 Dec 2017 17:03

Tgt Ion:163 Resp: 24424
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SOIL-SB009A

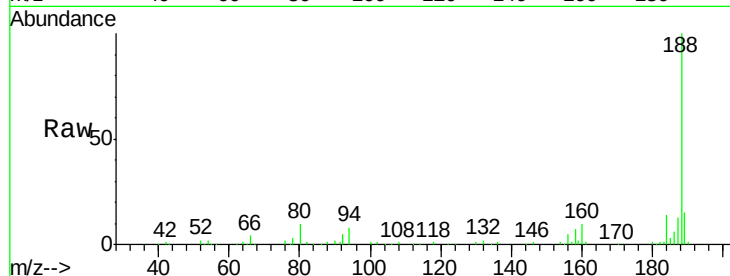
Tot Ion:188 Resp: 145463

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

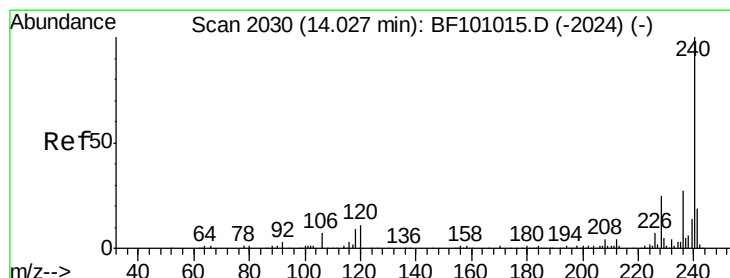
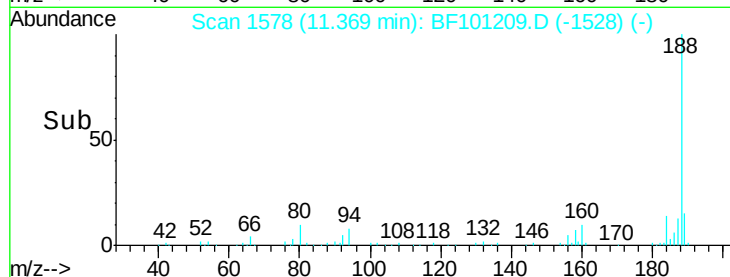
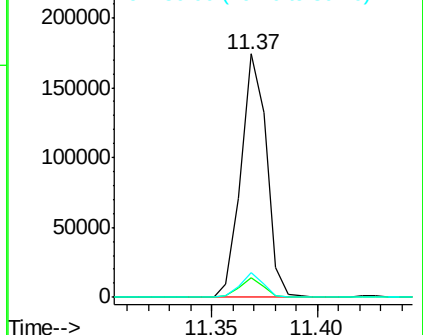
80 10.0 9.2 13.8



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: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

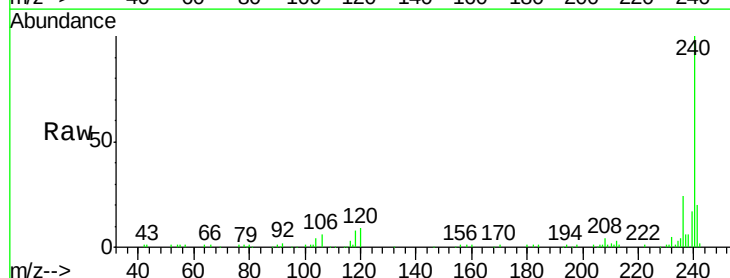
Tgt Ion:240 Resp: 111434

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

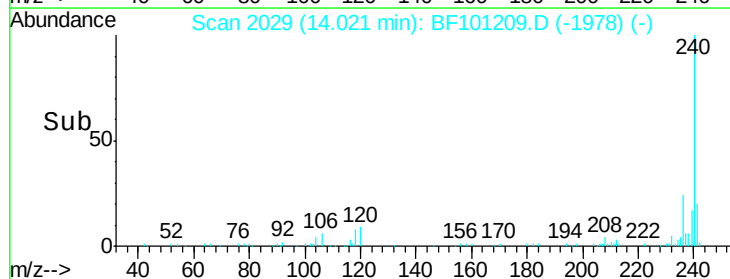
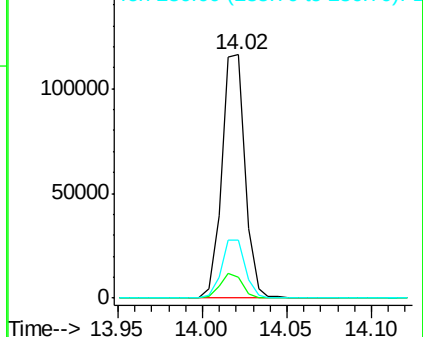
236 23.8 20.7 31.1

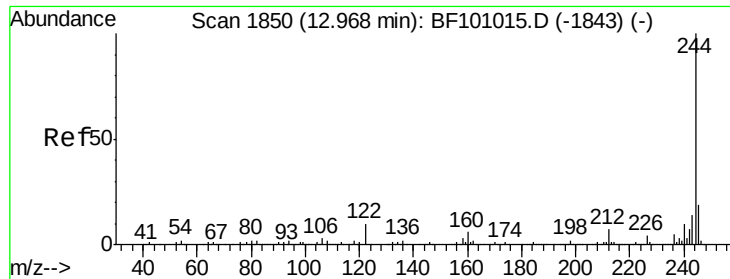


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.068 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

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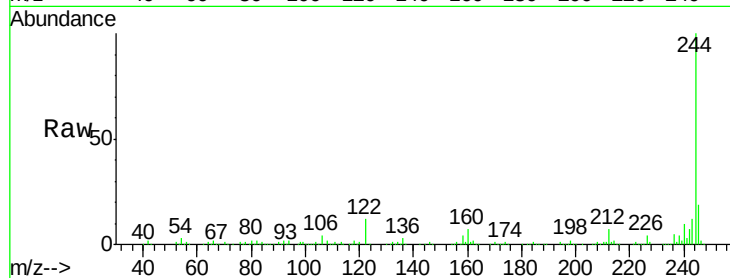
Tot Ion:244 Resp: 407921

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

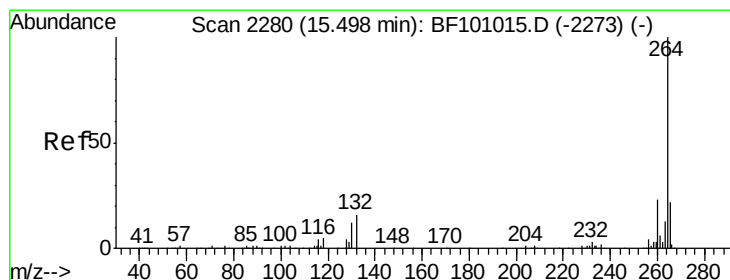
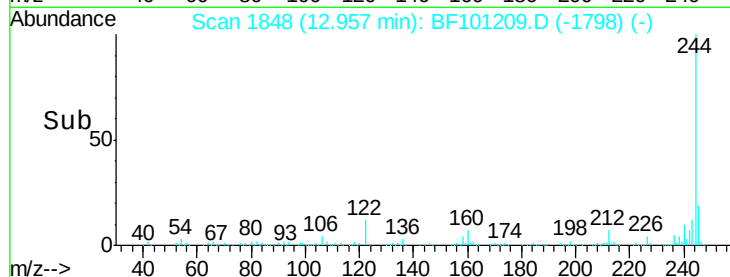
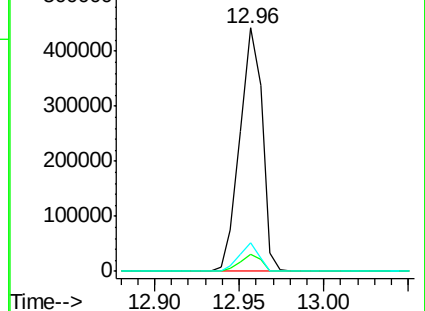
122 11.5 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101209.D

Acq: 7 Dec 2017 17:03

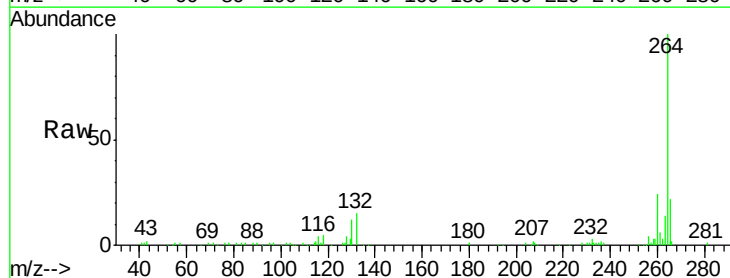
Tgt Ion:264 Resp: 98848

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 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

