

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102111.D
 Acq On : 16 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1113-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-2.5-3.0

Quant Time: Jan 17 00:58:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

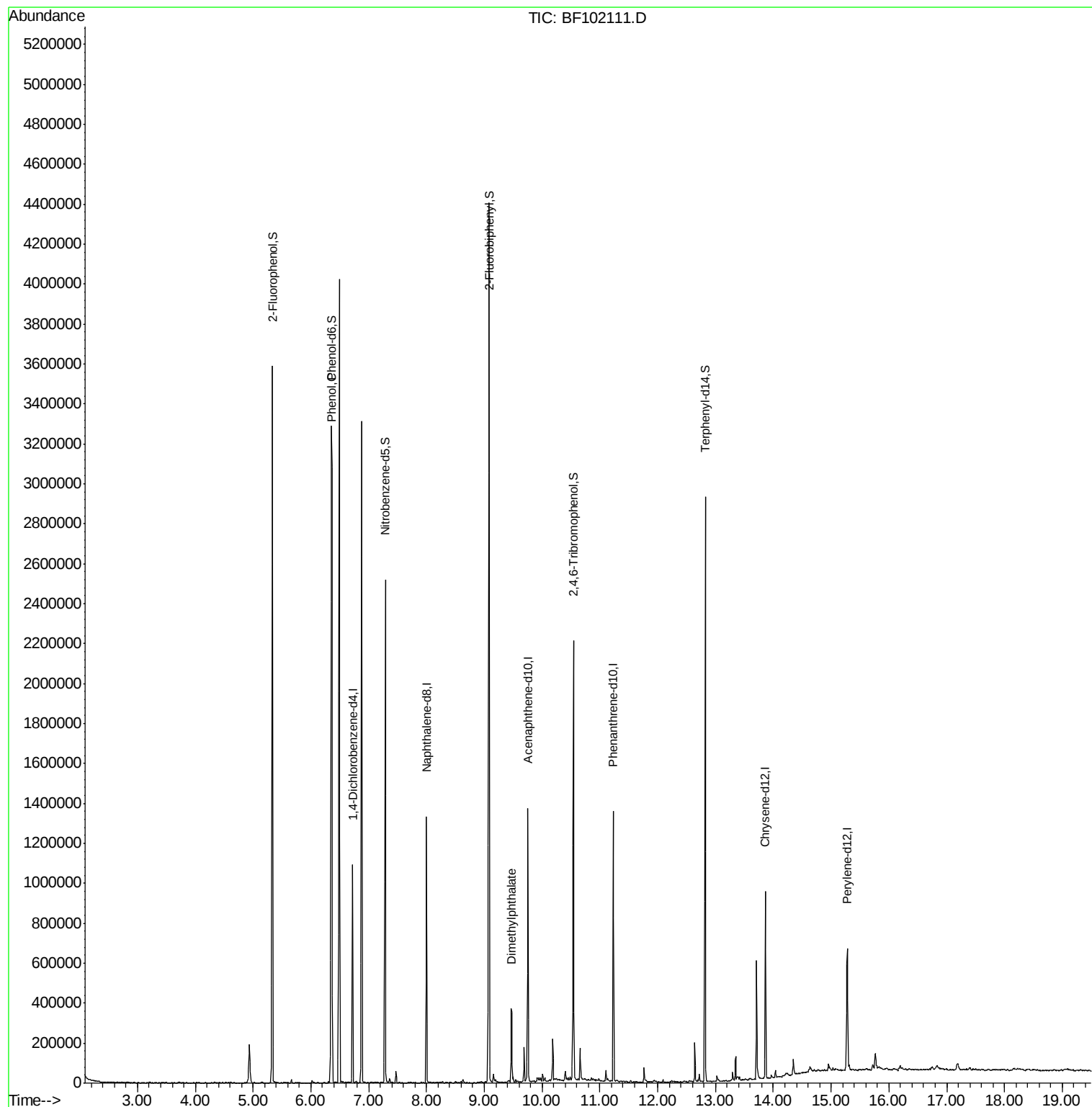
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160557	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	647842	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276075	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	420781	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	283734	20.00	ng	-0.02
86) Perylene-d12	15.28	264	253437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1141953	100.43	ng	0.00
7) Phenol-d6	6.36	99	1374270	101.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	873295	79.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	264820	109.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1359814	76.95	ng	-0.01
78) Terphenyl-d14	12.82	244	929105	67.99	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	41267	2.692	ng	93
49) Dimethylphthalate	9.47	163	147427	6.657	ng	98

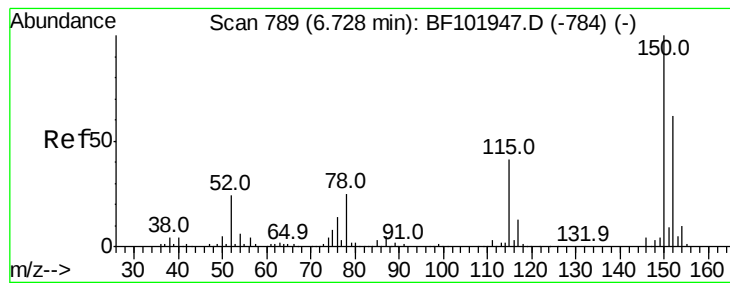
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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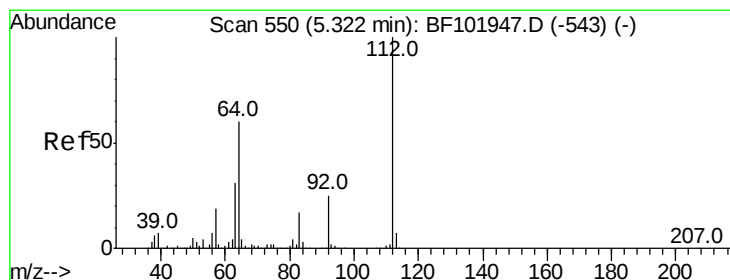
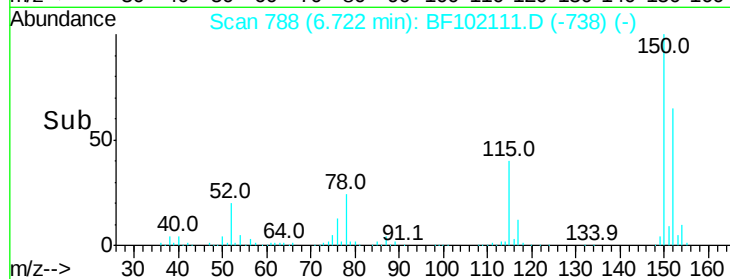
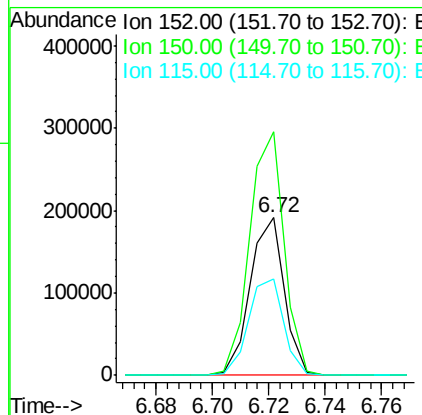
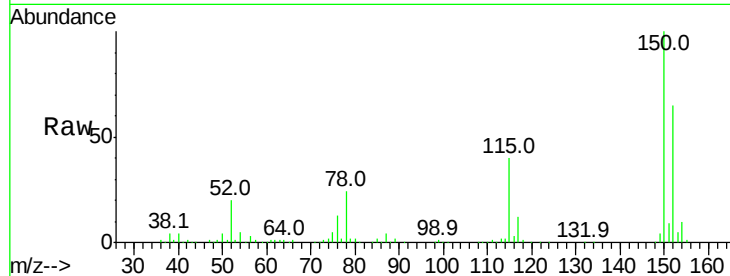


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-2.5-3.0

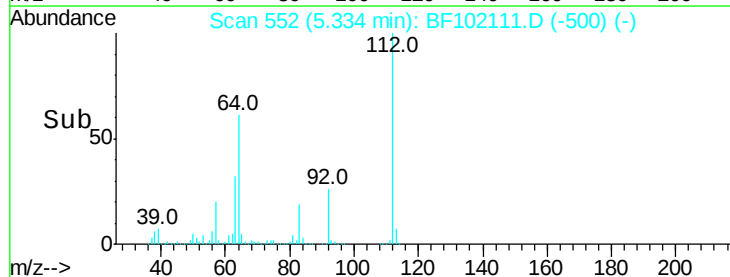
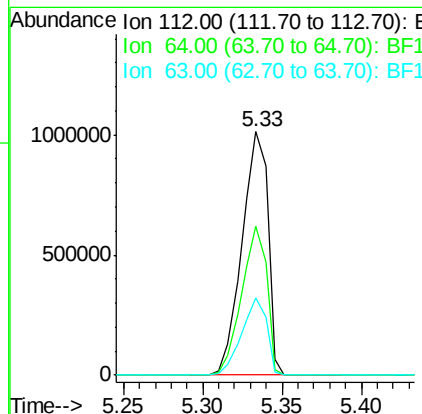
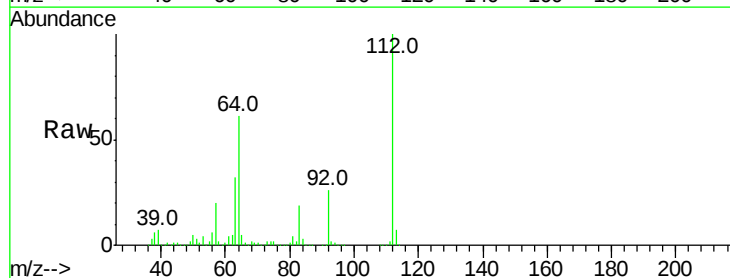
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.2	50.1	75.1

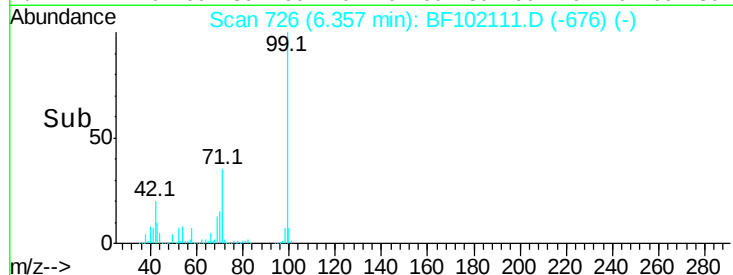
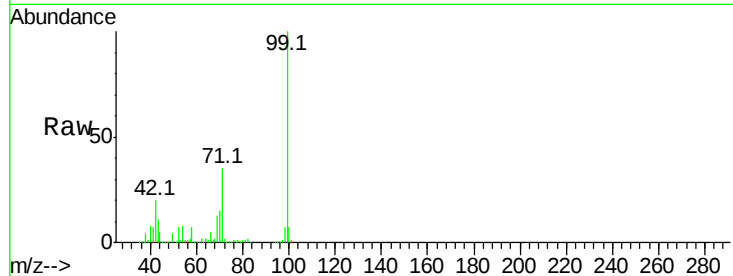
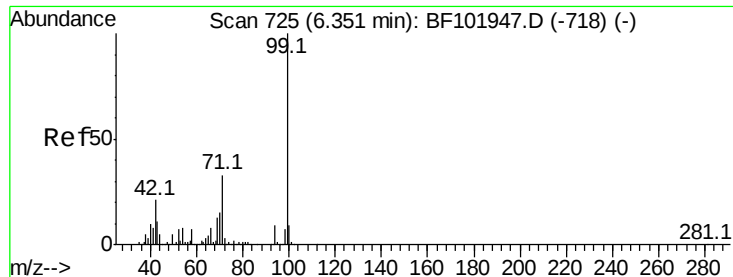


#5

2-Fluorophenol
 Concen: 100.434 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 101.304 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

Instrument :

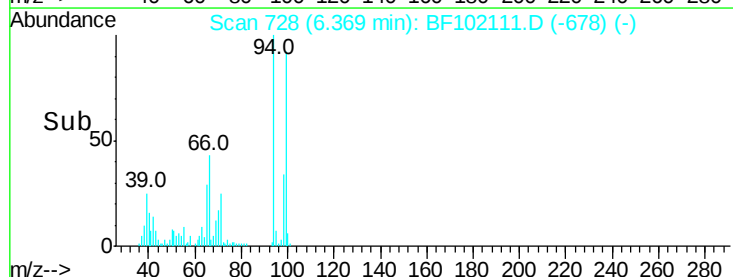
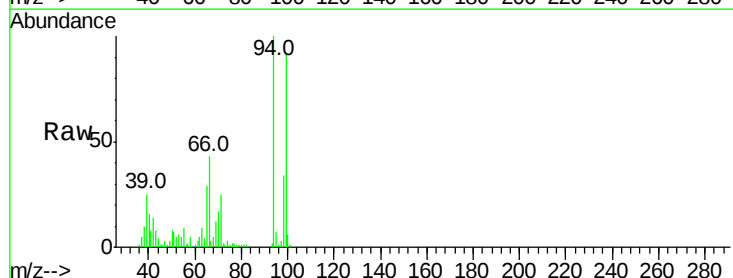
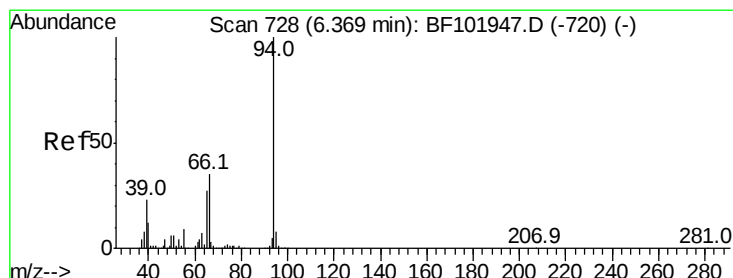
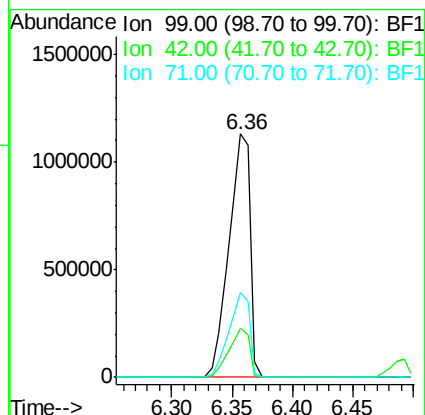
BNA_F

ClientSampleId :

SB-16-2.5-3.0

Tot Ion: 99 Resp: 1374270

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.0	25.4	38.0



#10

Phenol

Concen: 2.692 ng

RT: 6.37 min Scan# 728

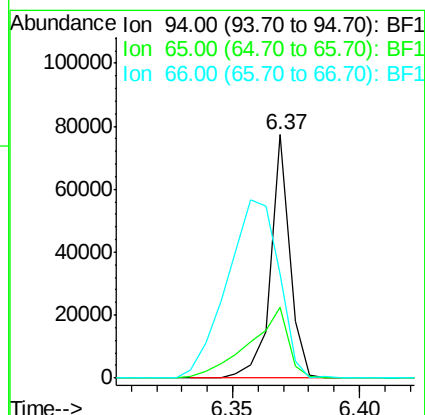
Delta R.T. -0.01 min

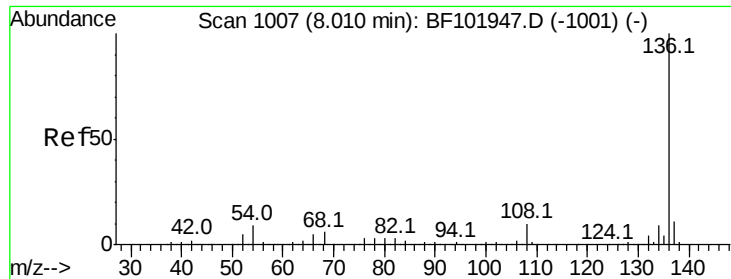
Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

Tgt Ion: 94 Resp: 41267

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	42.6	16.2	56.2

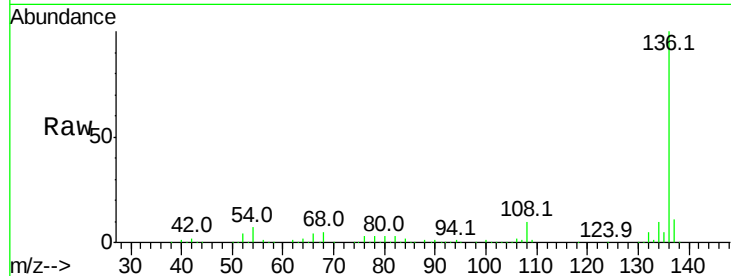




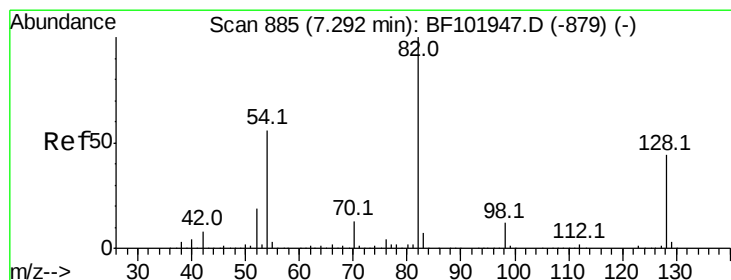
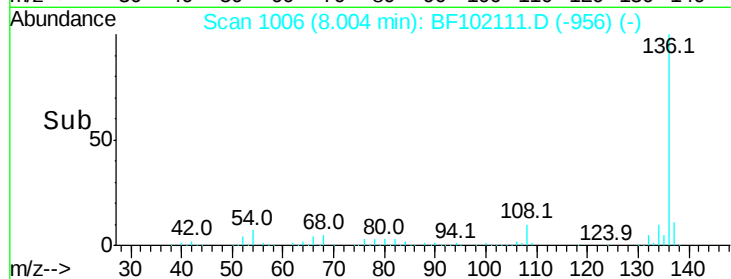
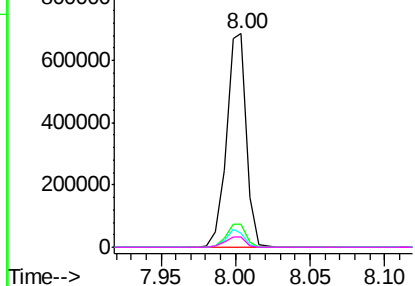
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :
SB-16-2.5-3.0

Tot Ion:	136	Resp:	647842
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	4.7	5.0	7.4#

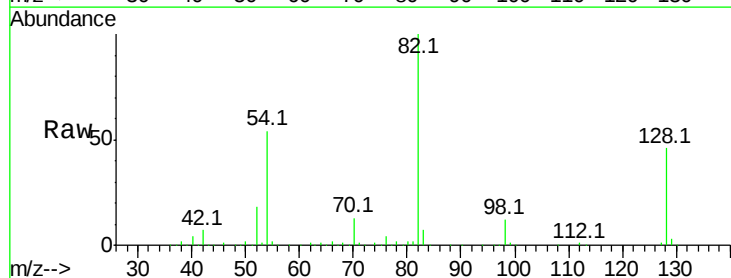


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

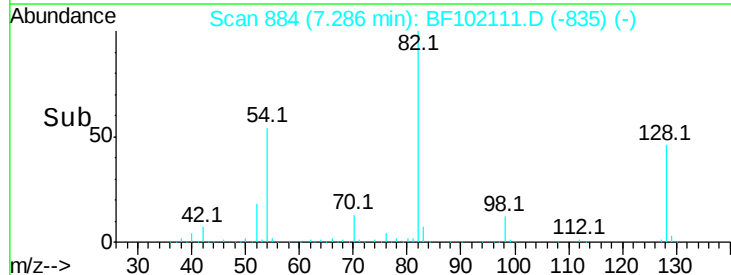
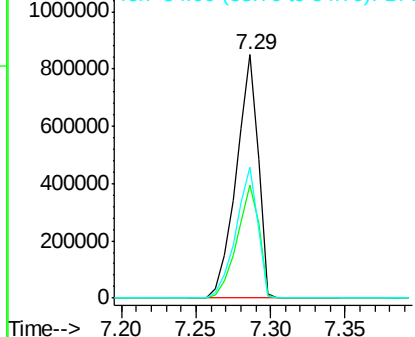


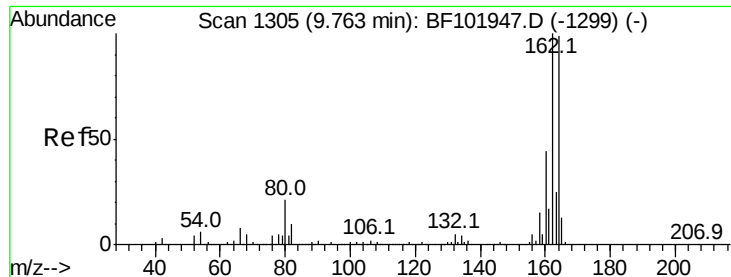
#23
Nitrobenzene-d5
Concen: 79.214 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Tgt Ion:	82	Resp:	873295
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.9	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

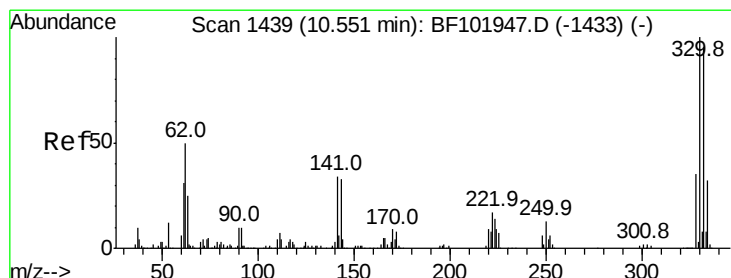
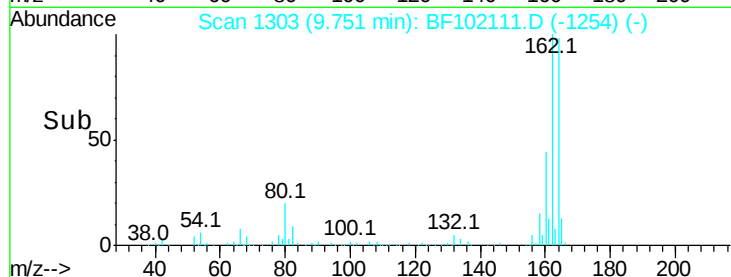
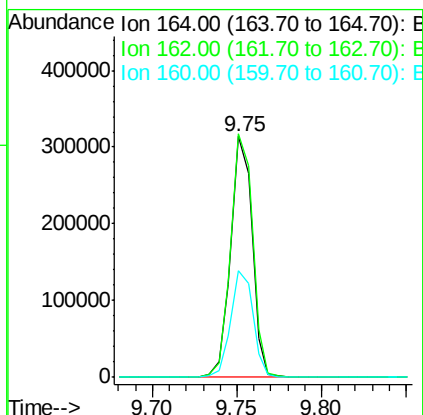
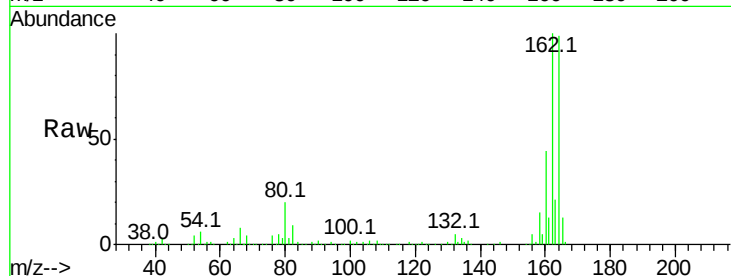




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

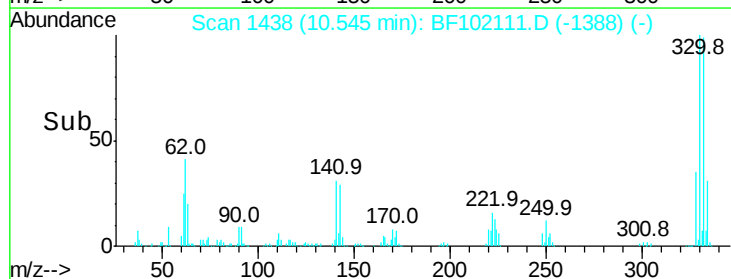
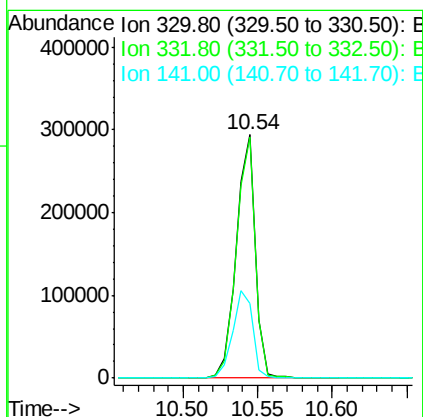
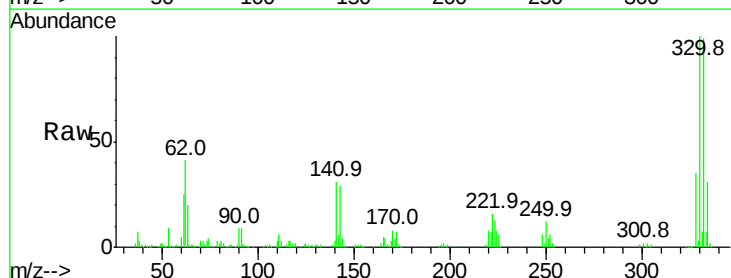
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-2.5-3.0

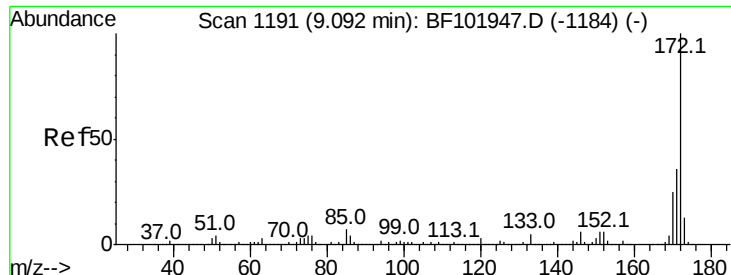
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	44.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 109.917 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102111.D
 Acq: 16 Jan 2018 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	38.1	29.9	44.9



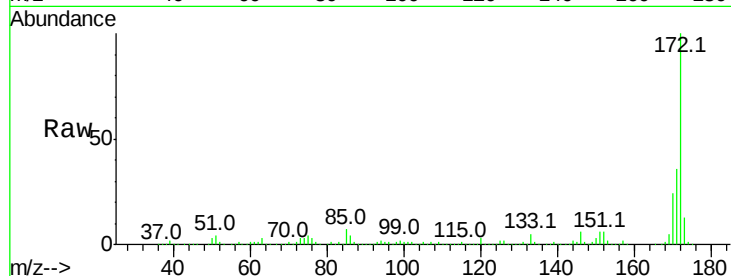


#44
2-Fluorobiphenyl
Concen: 76.950 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

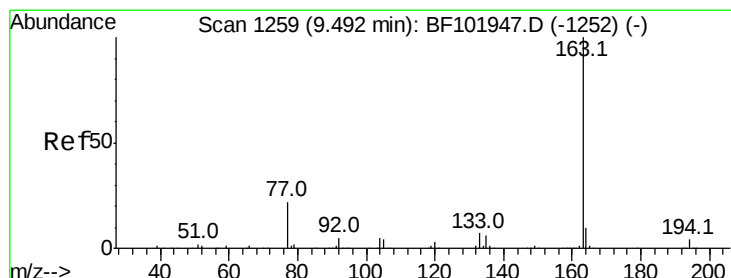
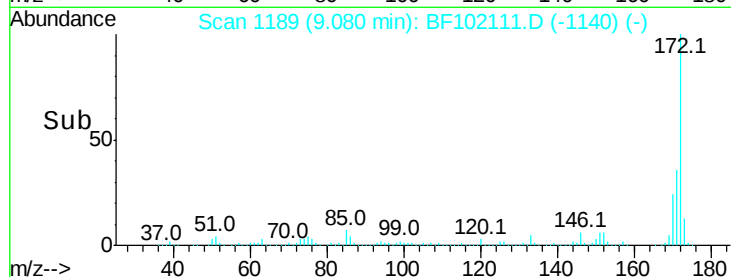
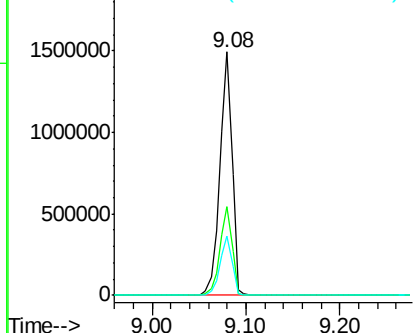
Instrument :
BNA_F
ClientSampleId :
SB-16-2.5-3.0

Tot Ion:172 Resp: 1359814

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



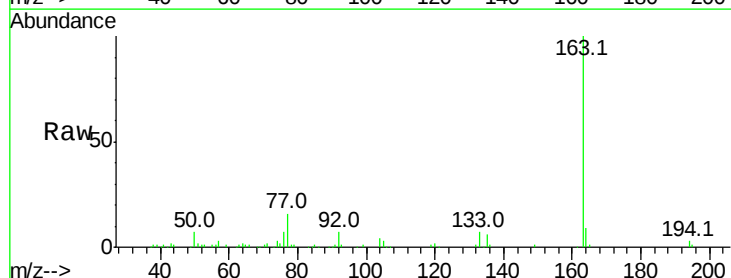
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



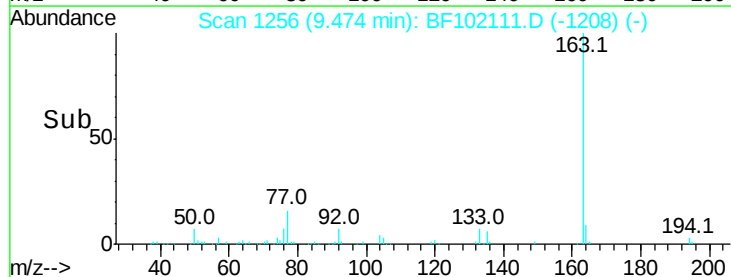
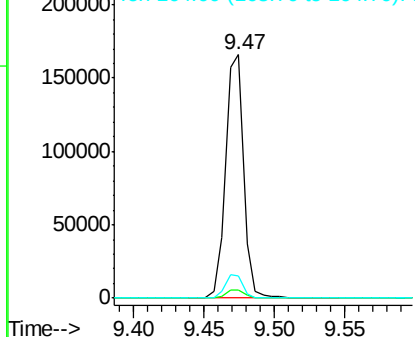
#49
Dimethylphthalate
Concen: 6.657 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

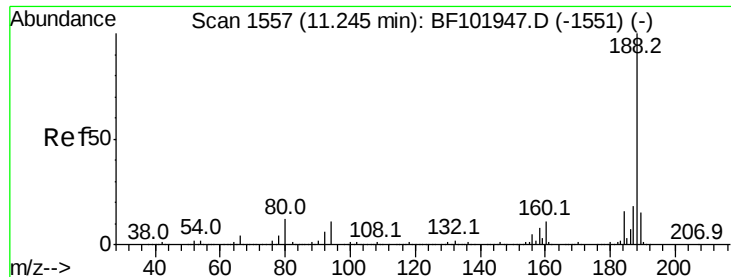
Tgt Ion:163 Resp: 147427

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	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

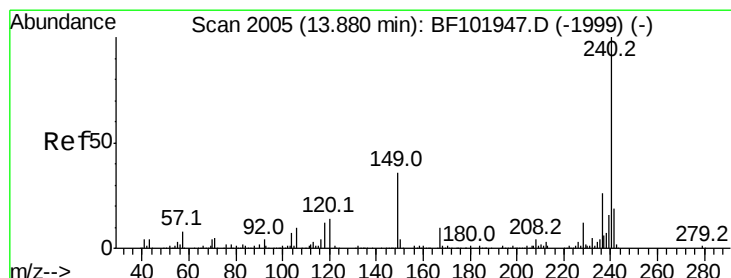
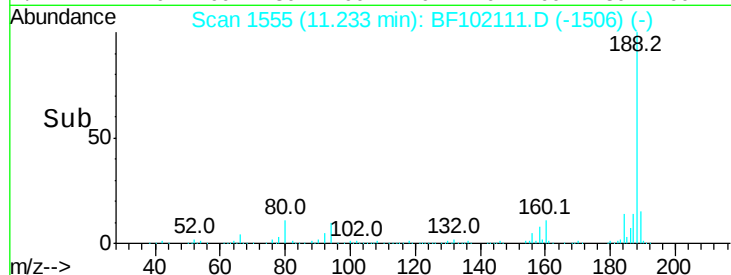
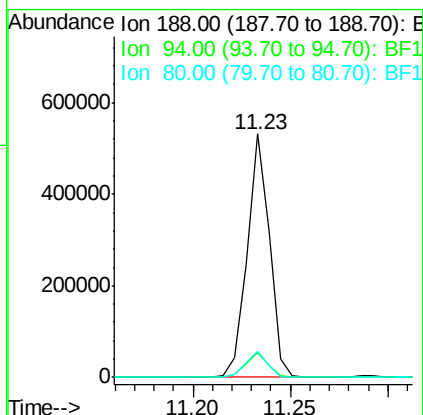
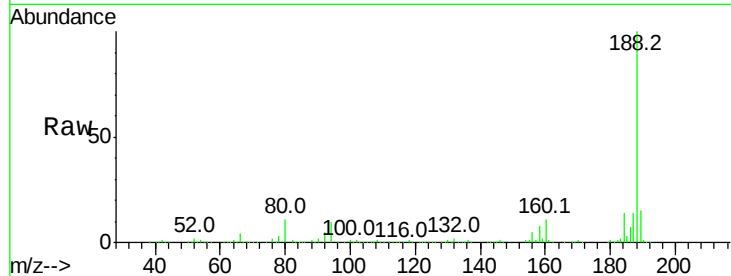




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

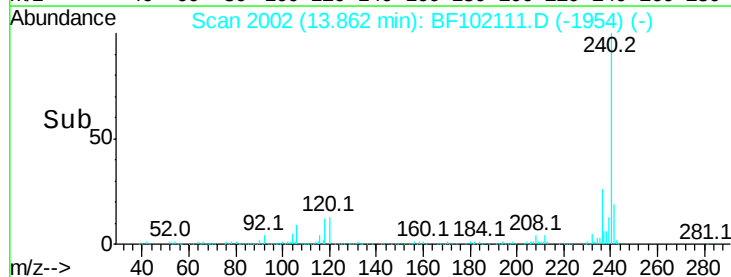
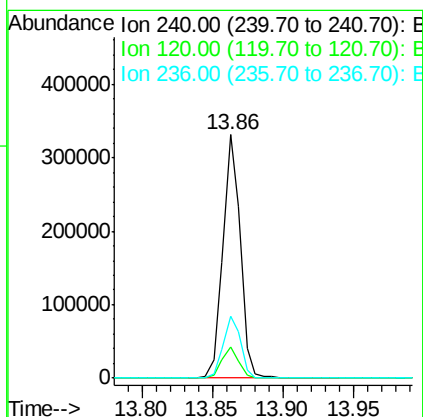
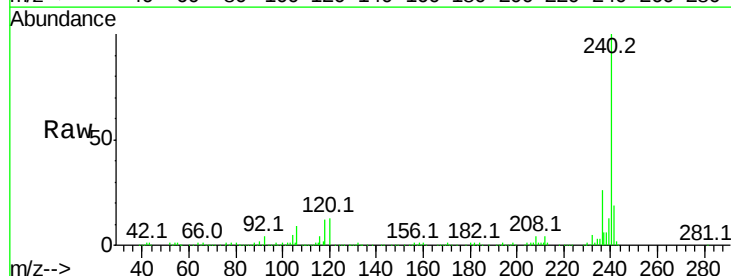
Instrument :
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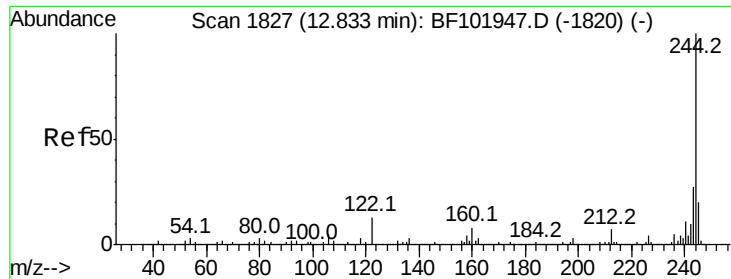
Tot Ion:188 Resp: 420781
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102111.D
Acq: 16 Jan 2018 16:03

Tgt Ion:240 Resp: 283734
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 67.989 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

SB-16-2.5-3.0

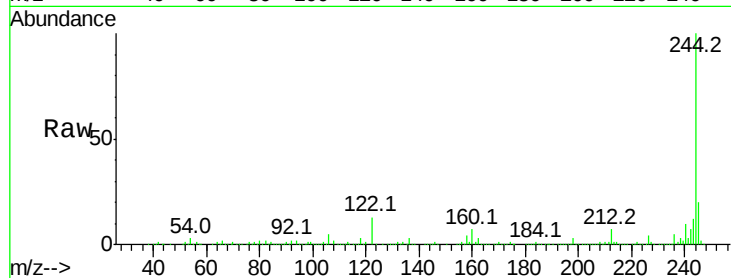
Tot Ion:244 Resp: 929105

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

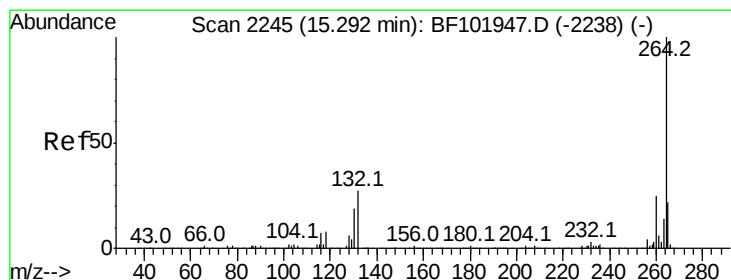
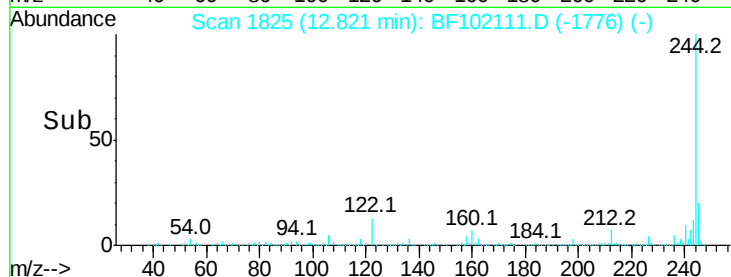
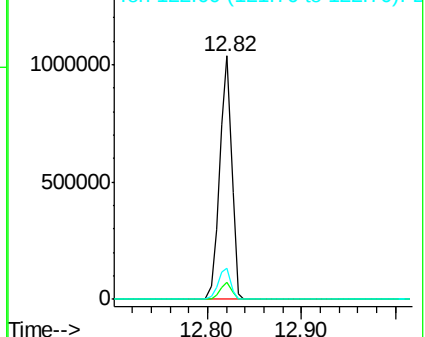
122 12.9 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102111.D

Acq: 16 Jan 2018 16:03

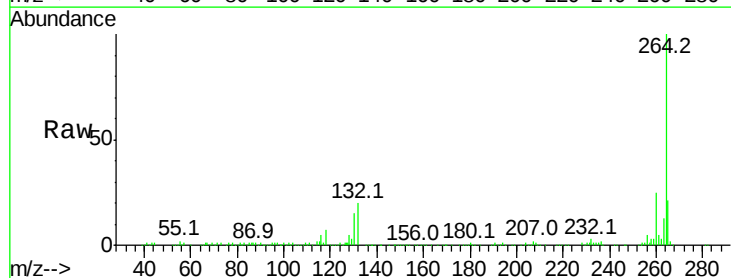
Tgt Ion:264 Resp: 253437

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 20.8 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

