

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102258.D
 Acq On : 20 Jan 2018 11:49
 Operator : SJ/JU
 Sample : J1114-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-2.5-3.0

Quant Time: Jan 22 02:25:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

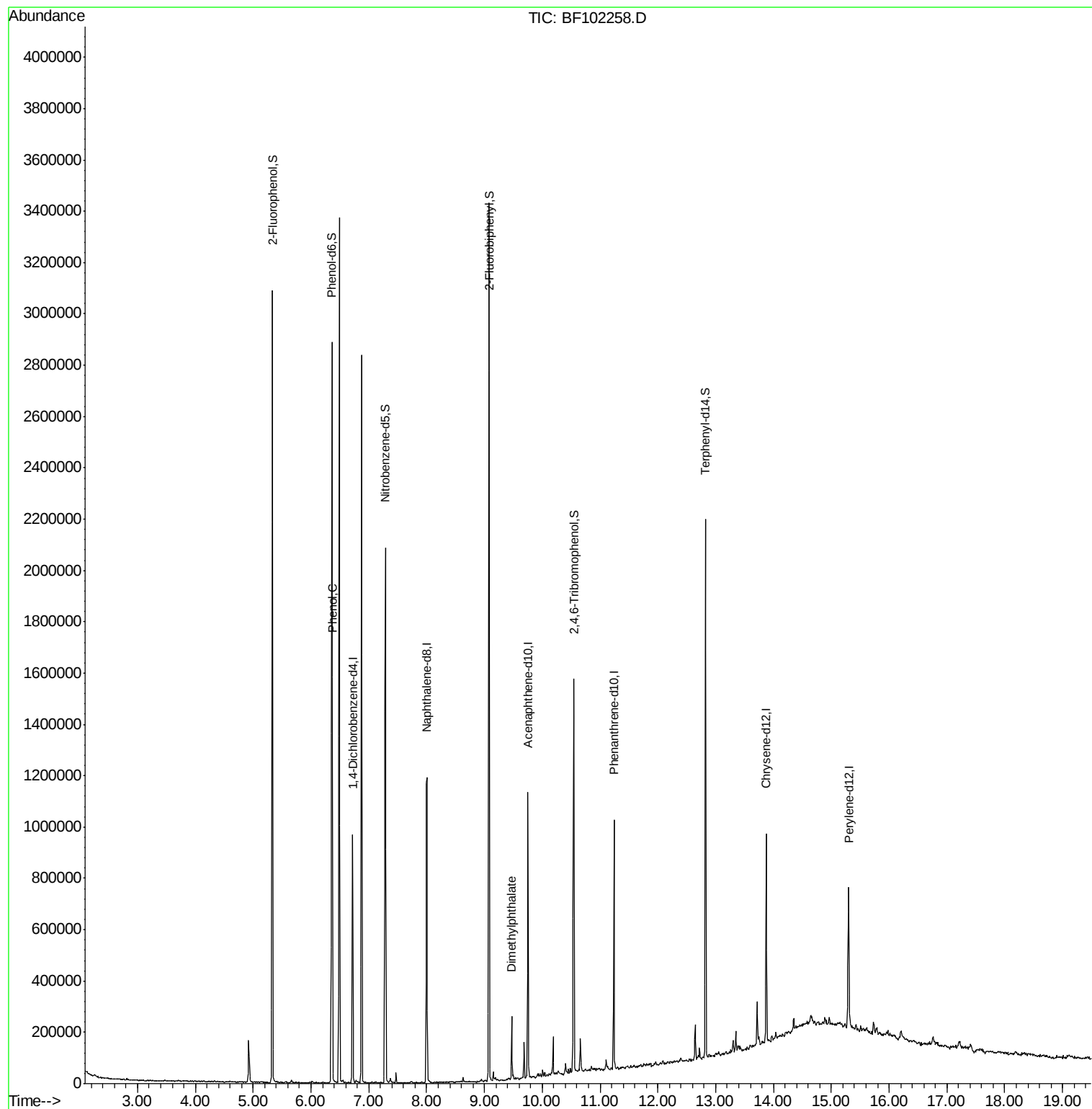
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146027	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	568851	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	229536	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323824	20.00	ng	0.00
75) Chrysene-d12	13.87	240	265378	20.00	ng	0.00
86) Perylene-d12	15.30	264	236634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	925317	89.48	ng	0.00
7) Phenol-d6	6.36	99	1082503	87.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	664600	68.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178535	89.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1045367	71.15	ng	0.00
78) Terphenyl-d14	12.82	244	678417	53.08	ng	0.00
Target Compounds						
10) Phenol	6.37	94	38103	2.73	ng	97
49) Dimethylphthalate	9.47	163	91688	4.98	ng	98

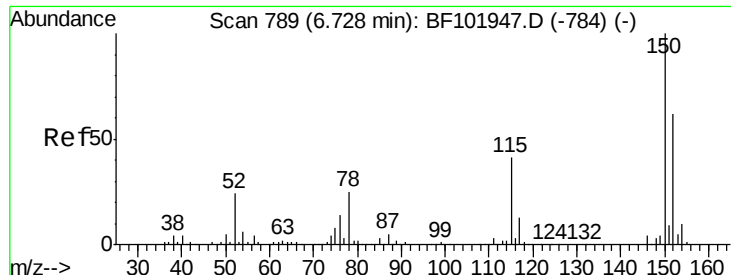
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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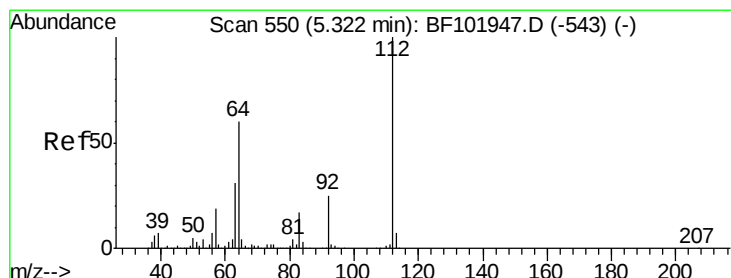
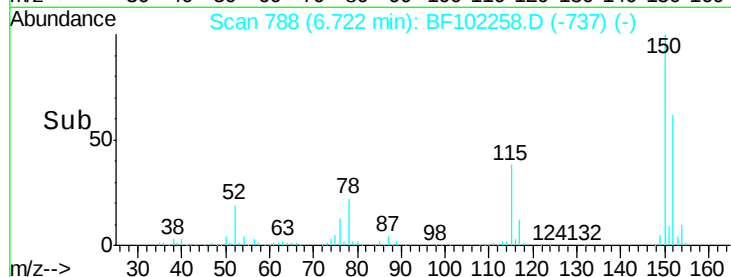
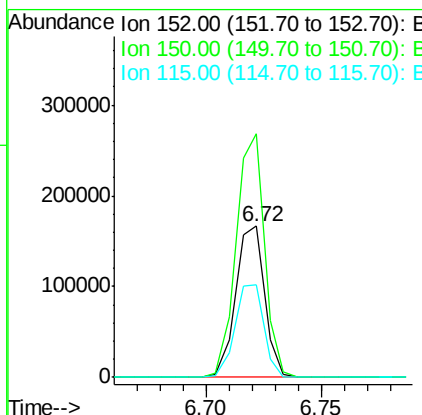
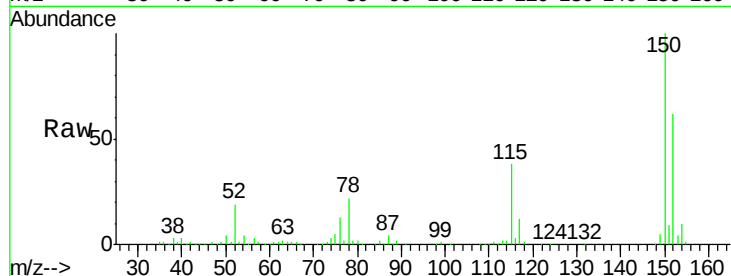


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-2.5-3.0

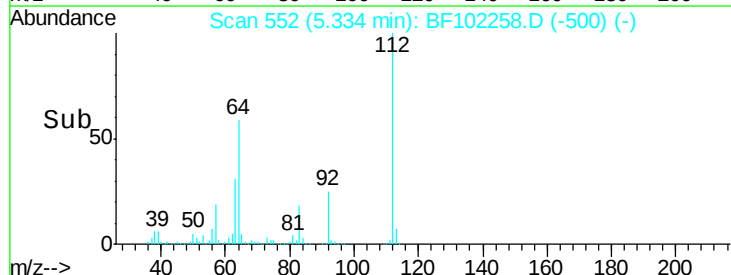
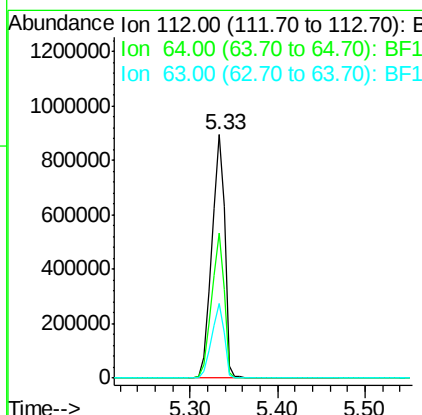
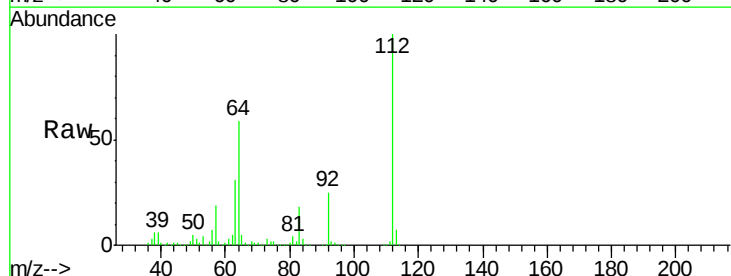
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	60.8	50.1	75.1

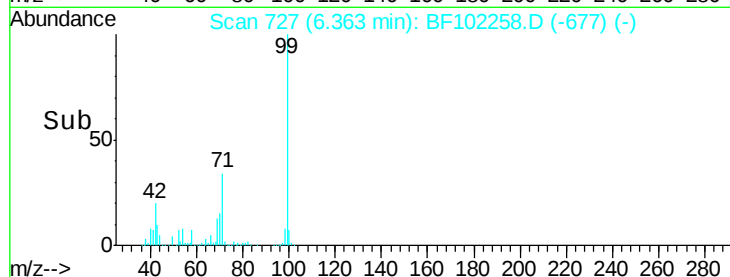
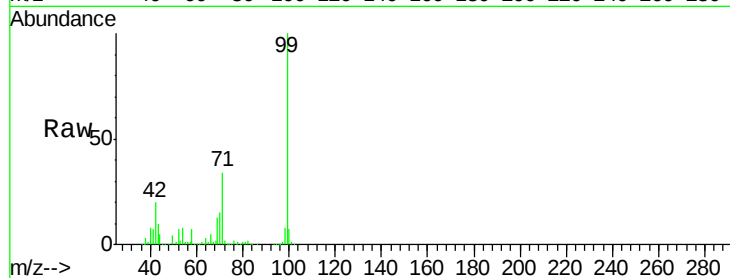
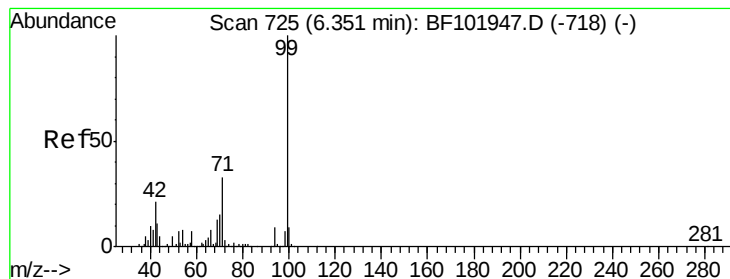


#5

2-Fluorophenol
 Concen: 89.48 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 87.74 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Instrument :

BNA_F

ClientSampleId :

SB-23-2.5-3.0

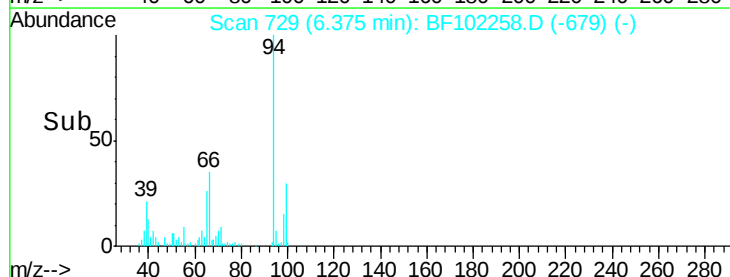
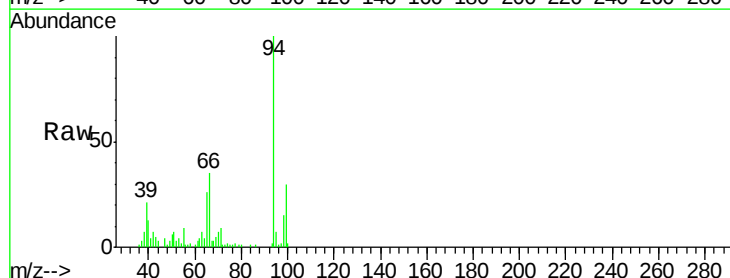
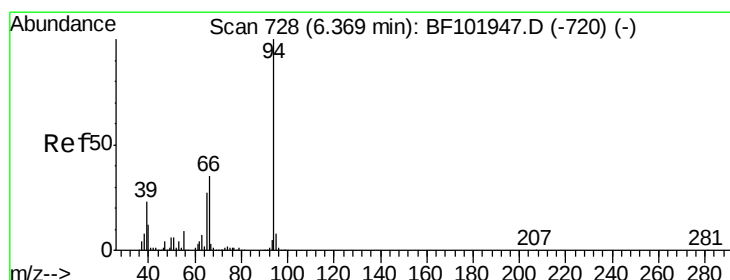
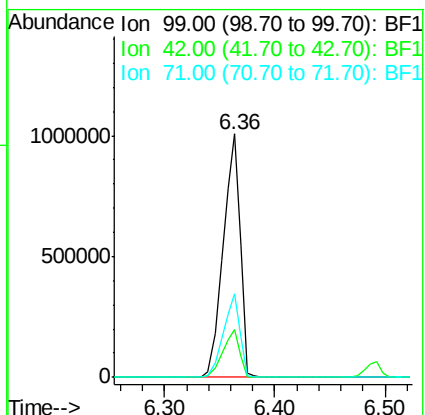
Tot Ion: 99 Resp: 1082503

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 2.73 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

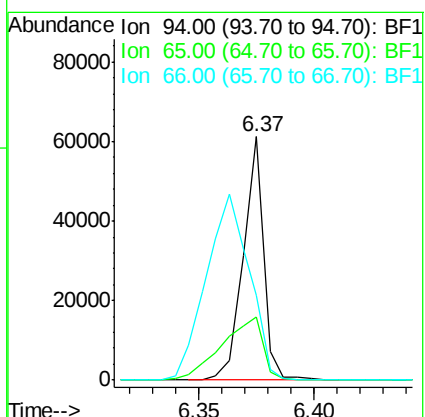
Tgt Ion: 94 Resp: 38103

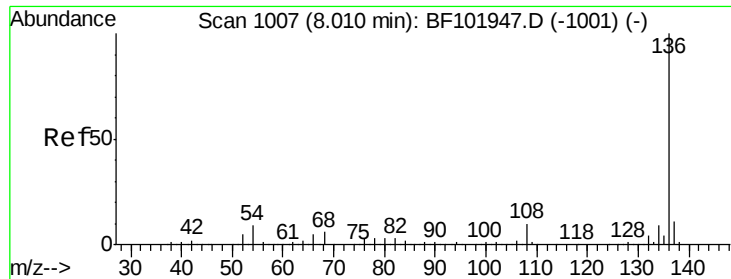
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 34.8 16.2 56.2

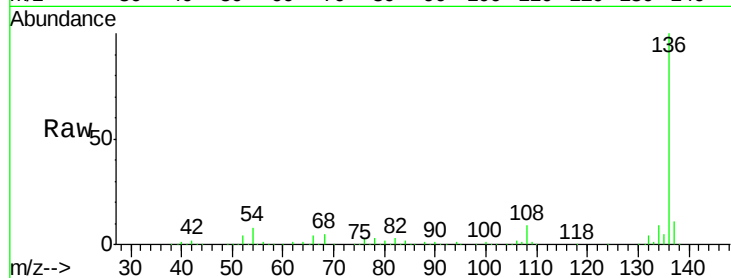




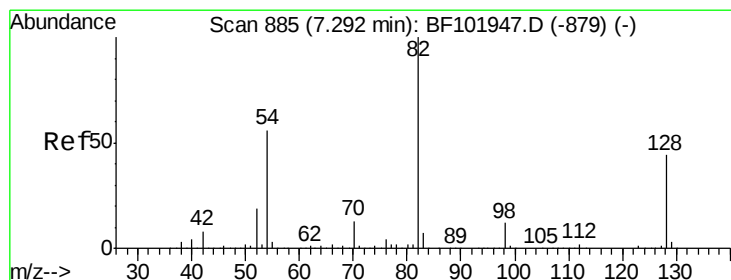
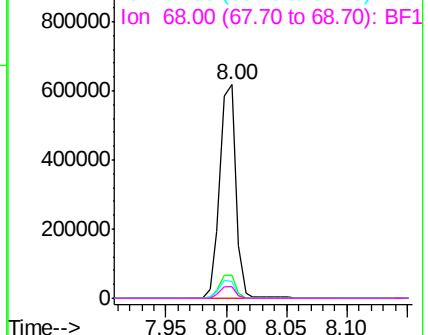
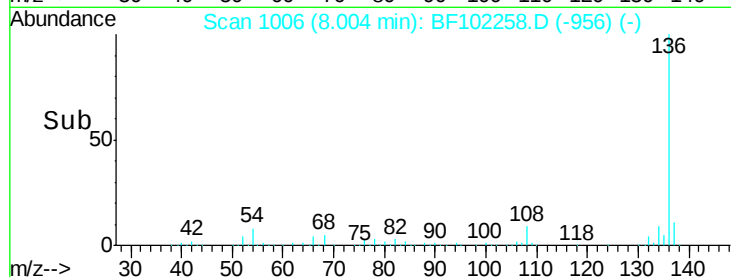
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :
SB-23-2.5-3.0

Tot Ion:136	Resp:	568851
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.6	6.6 9.8
68	5.1	5.0 7.4

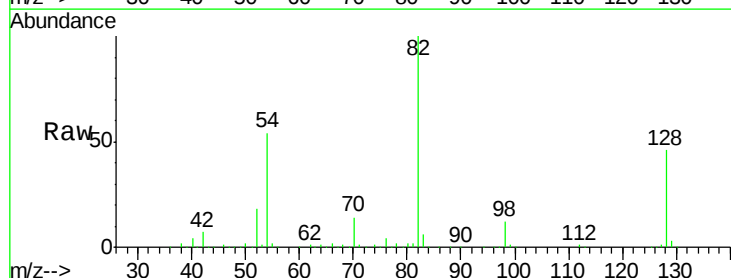


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

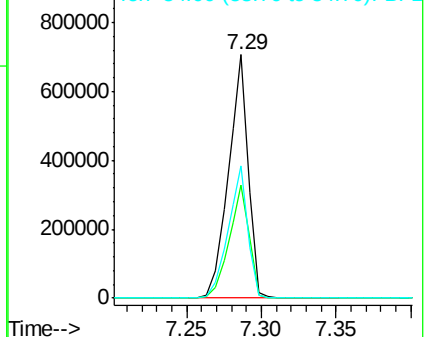
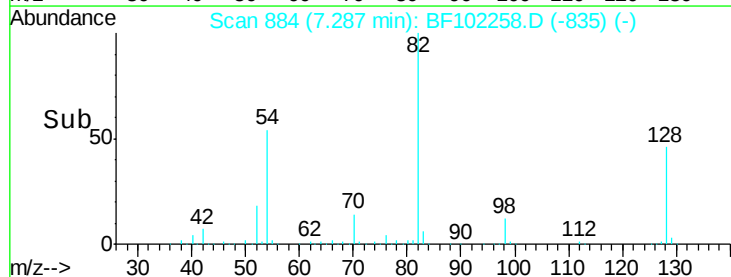


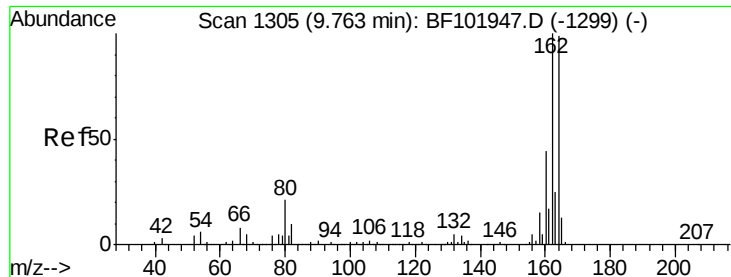
#23
Nitrobenzene-d5
Concen: 68.66 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion: 82	Resp:	664600
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.1 54.1
54	54.3	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

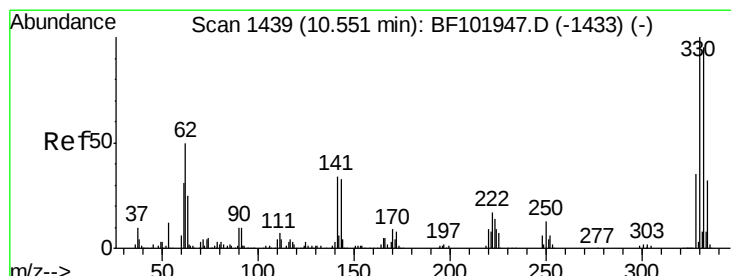
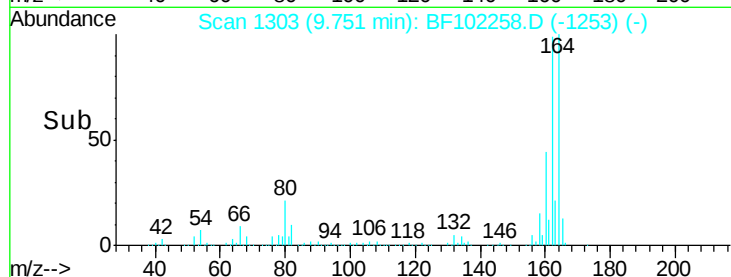
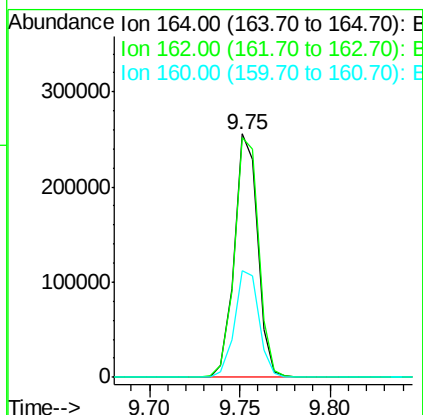
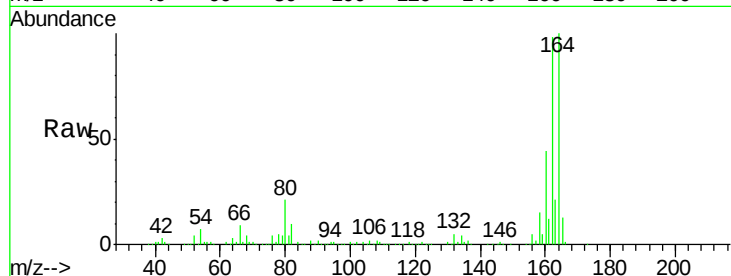




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

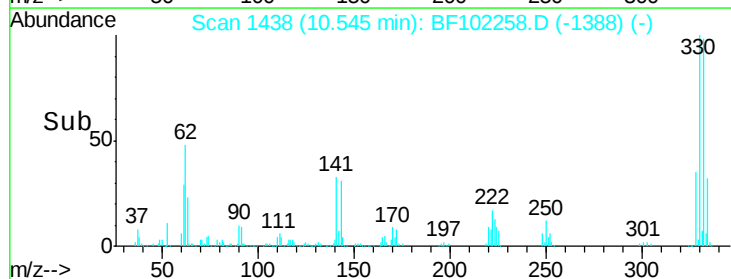
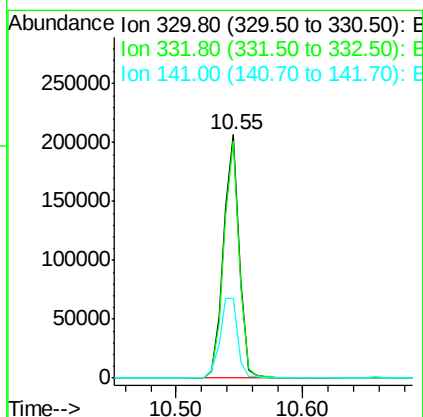
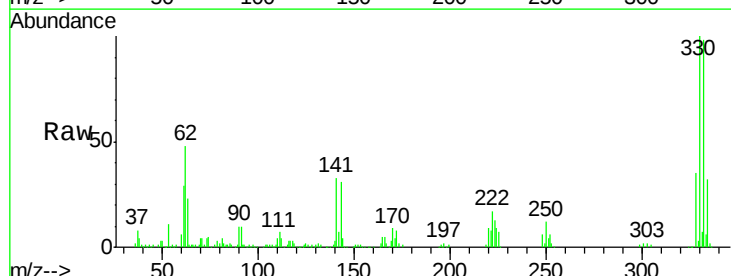
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-2.5-3.0

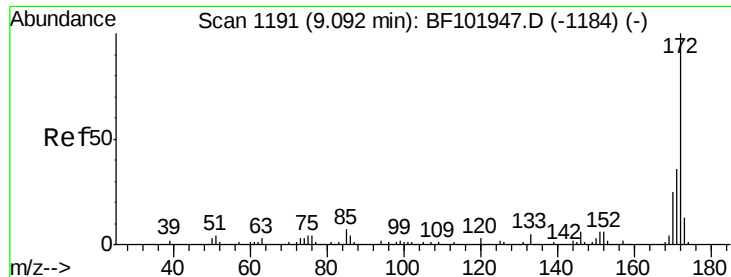
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.1	129.1
160	43.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.13 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102258.D
 Acq: 20 Jan 2018 11:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.7	29.9	44.9



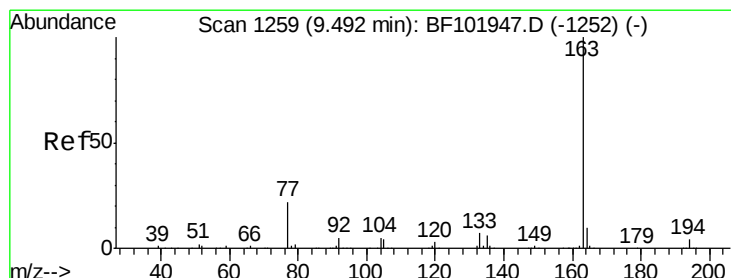
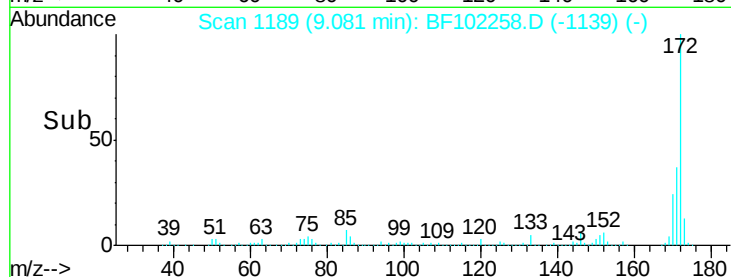
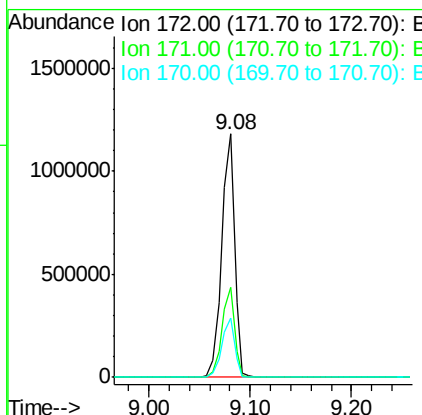
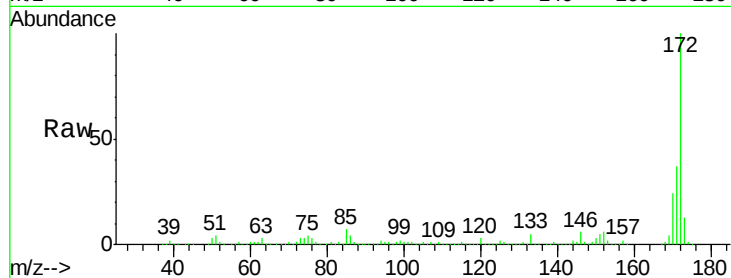


#44
2-Fluorobiphenyl
Concen: 71.15 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :
SB-23-2.5-3.0

Tot Ion:172 Resp: 1045367

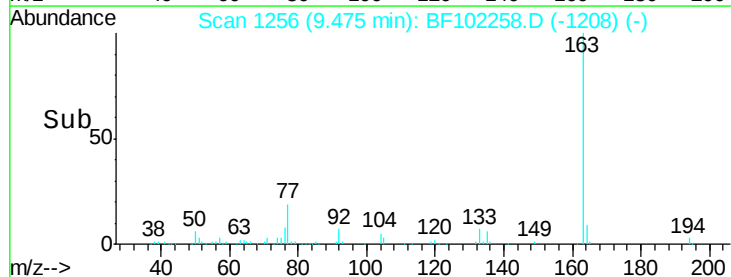
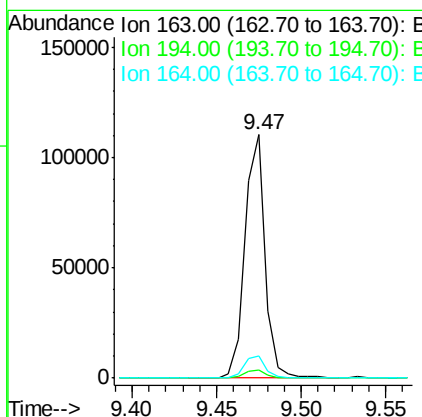
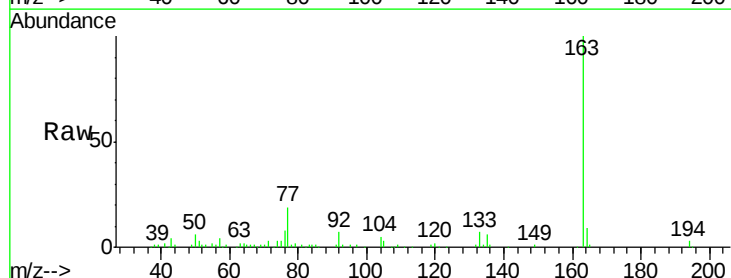
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4

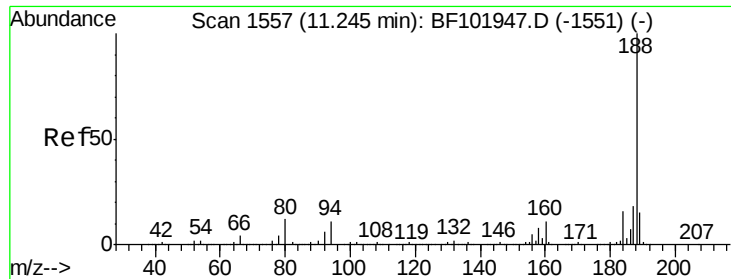


#49
Dimethylphthalate
Concen: 4.98 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion:163 Resp: 91688

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.2	8.2	12.2

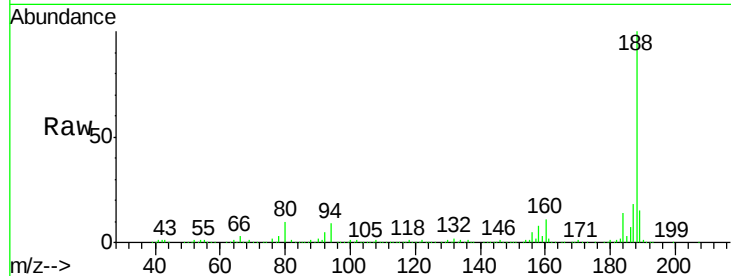




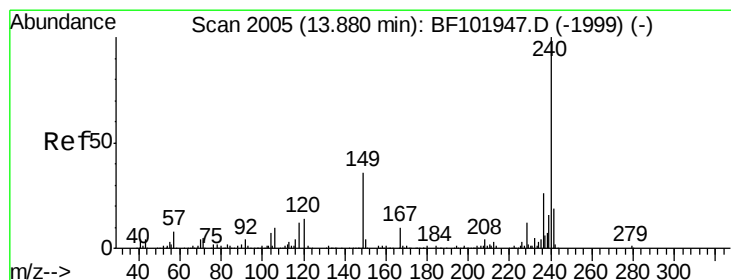
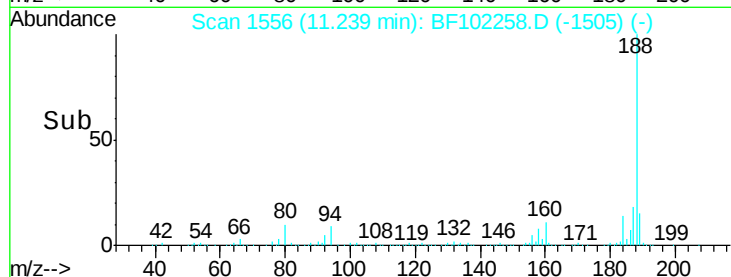
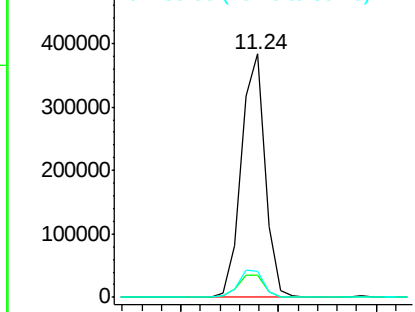
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Instrument :
BNA_F
ClientSampleId :
SB-23-2.5-3.0

Tot Ion:188 Resp: 323824
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.5 9.2 13.8

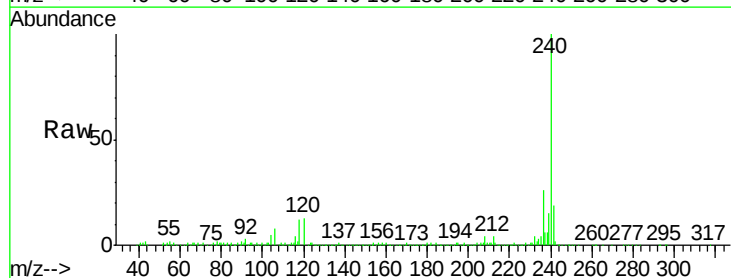


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

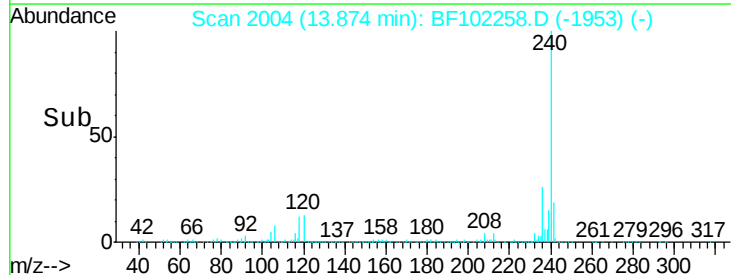
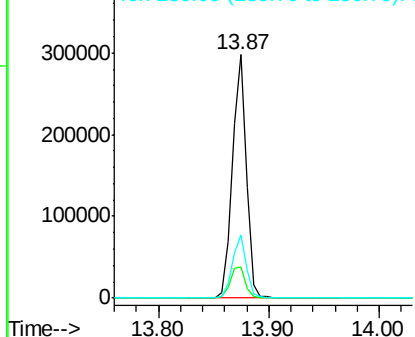


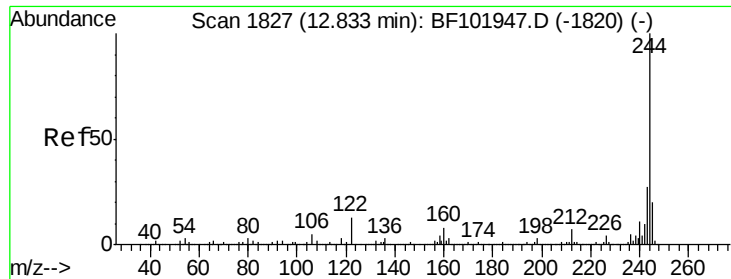
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102258.D
Acq: 20 Jan 2018 11:49

Tgt Ion:240 Resp: 265378
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.0 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: 53.08 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Instrument :

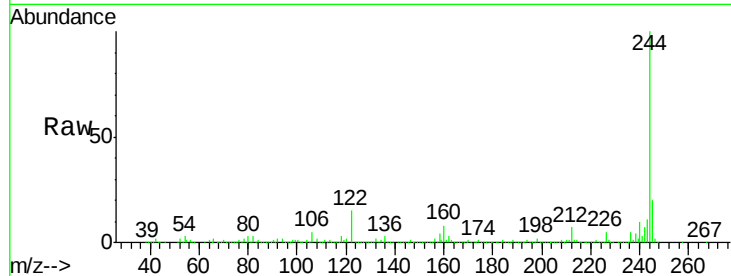
BNA_F

ClientSampleId :

SB-23-2.5-3.0

Tot Ion:244 Resp: 678417

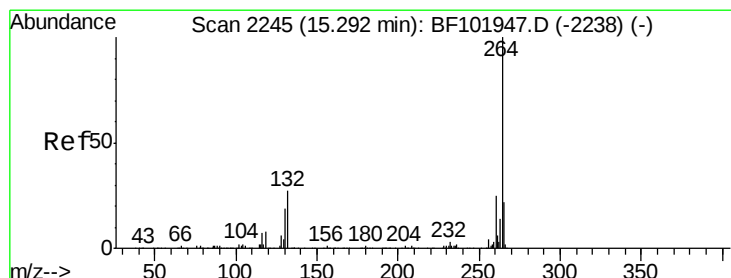
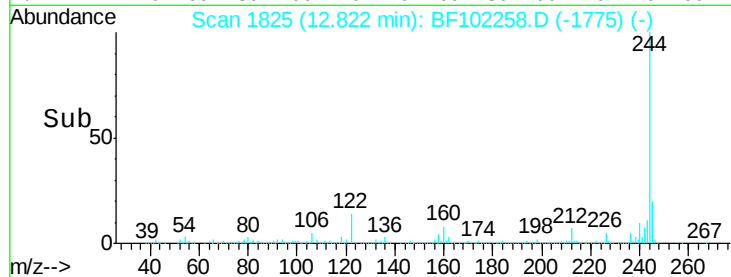
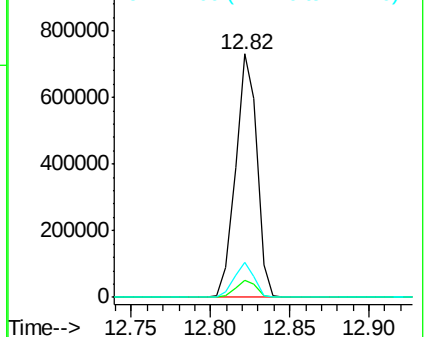
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4



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: 20.00 ng

RT: 15.30 min Scan# 2246

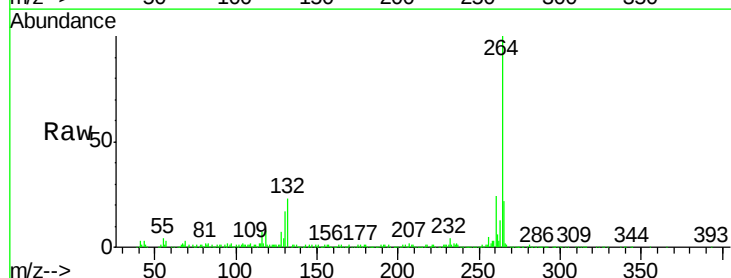
Delta R.T. 0.01 min

Lab File: BF102258.D

Acq: 20 Jan 2018 11:49

Tgt Ion:264 Resp: 236634

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	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

