

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102244.D
 Acq On : 20 Jan 2018 3:46
 Operator : SJ/JU
 Sample : J1113-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-3.5-4.0-DUP

Quant Time: Jan 20 05:26:46 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

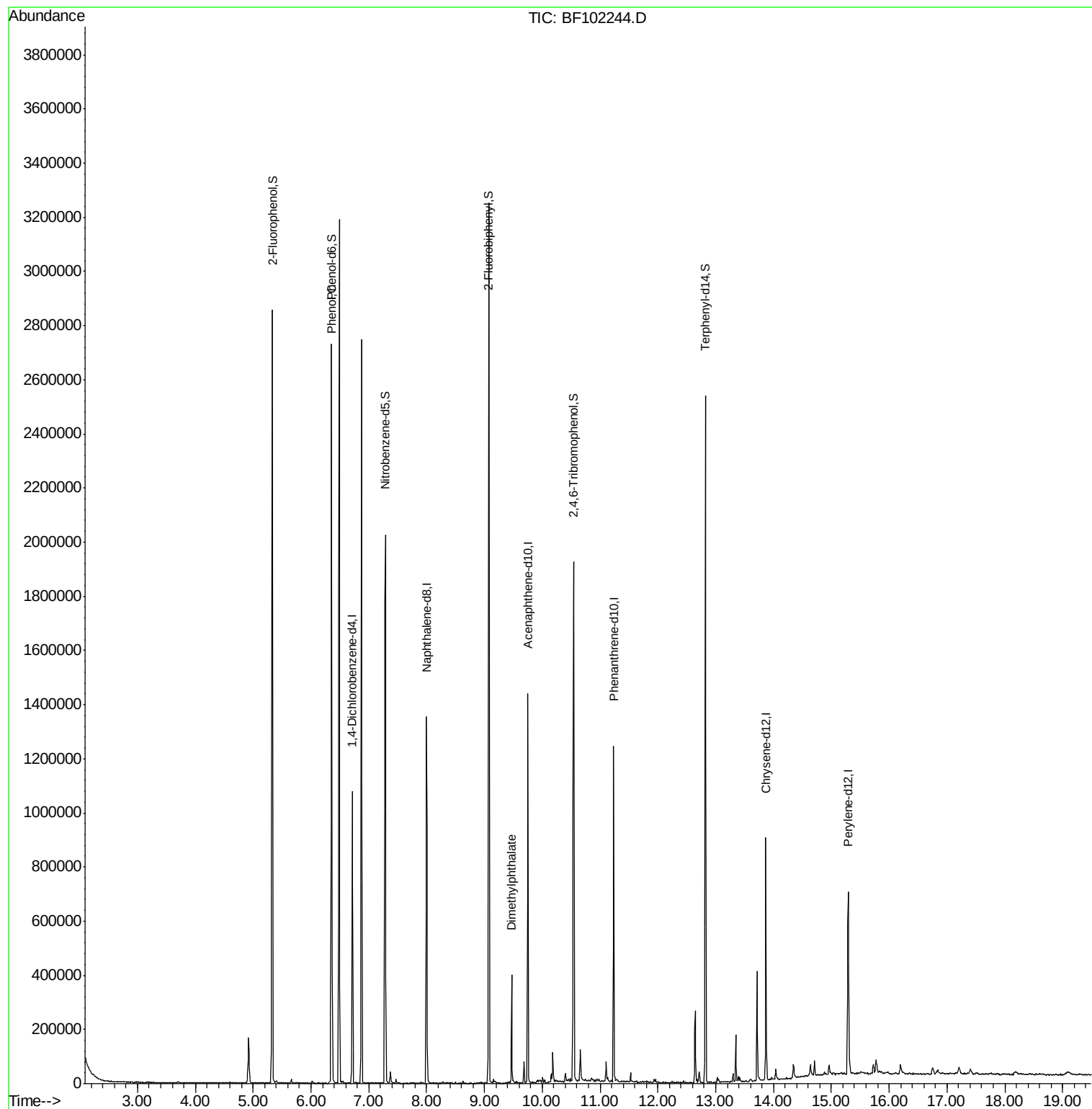
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142870	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	591019	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	257406	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	414337	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268560	20.00	ng	0.00
86) Perylene-d12	15.29	264	275026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	909569	89.90	ng	0.00
7) Phenol-d6	6.36	99	1092030	90.46	ng	-0.01
23) Nitrobenzene-d5	7.29	82	679678	67.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	230658	102.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1111006	67.43	ng	-0.01
78) Terphenyl-d14	12.82	244	789263	61.02	ng	0.00
Target Compounds						
10) Phenol	6.37	94	32080	2.352	ng	96
49) Dimethylphthalate	9.47	163	140040	6.782	ng	99

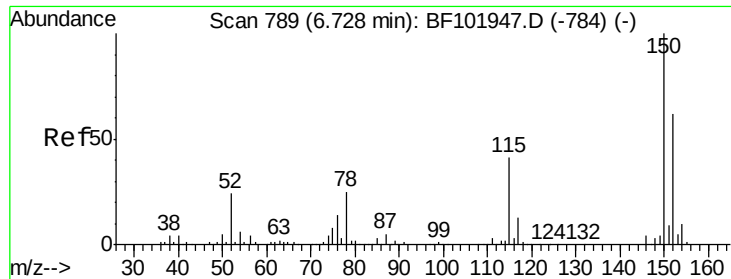
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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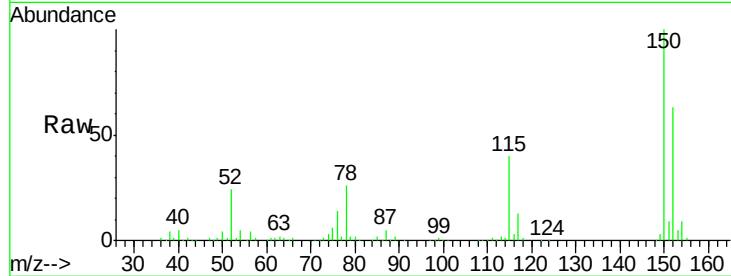


#1

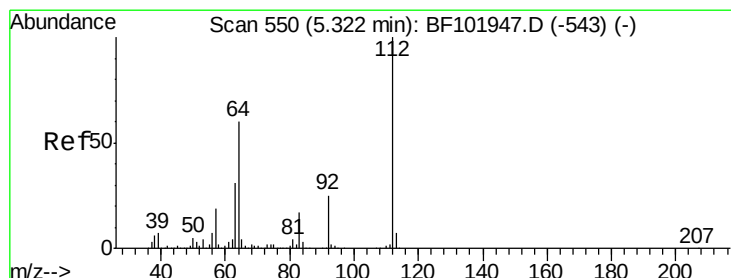
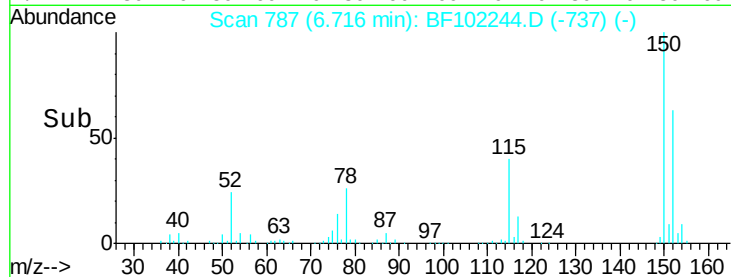
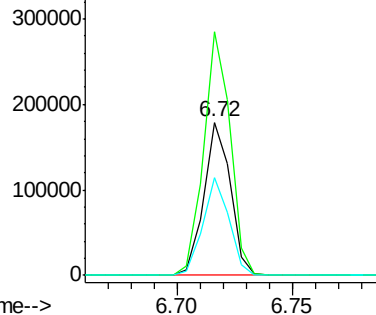
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:152 Resp: 142870
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 63.5 50.1 75.1



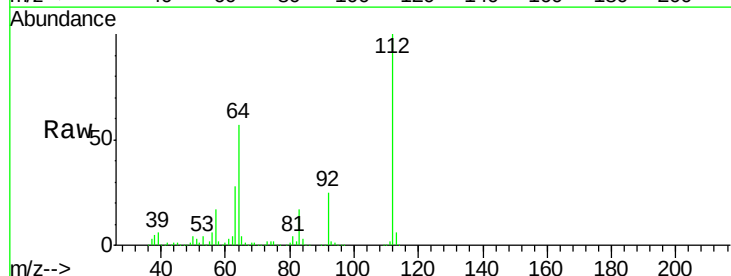
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



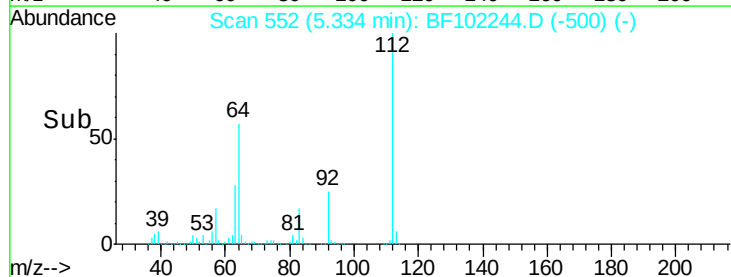
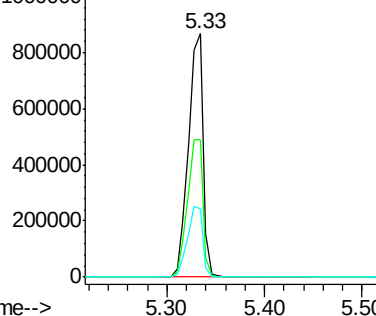
#5

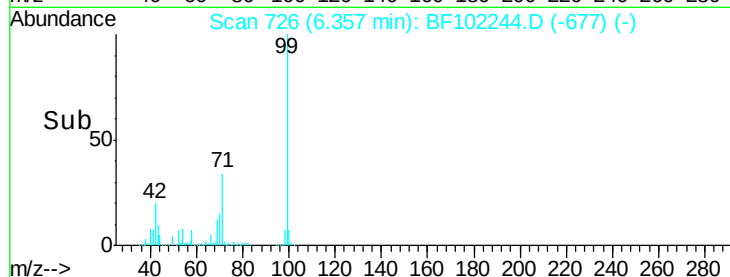
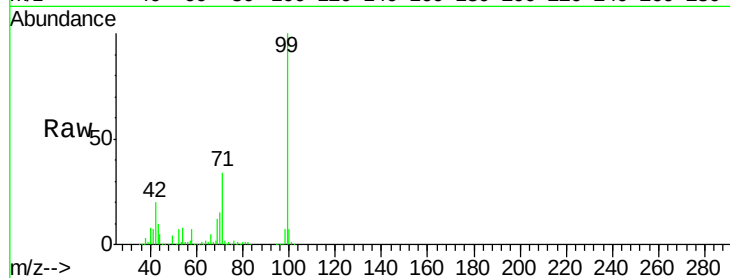
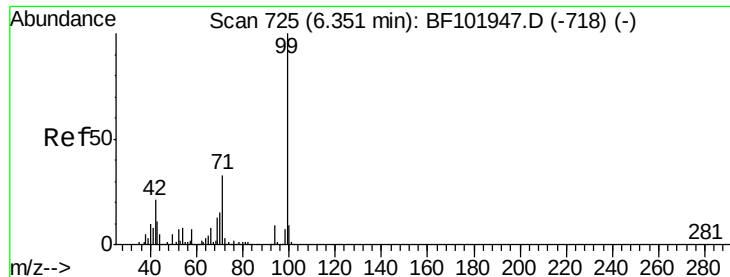
2-Fluorophenol
Concen: 89.899 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:112 Resp: 909569
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 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: 90.464 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

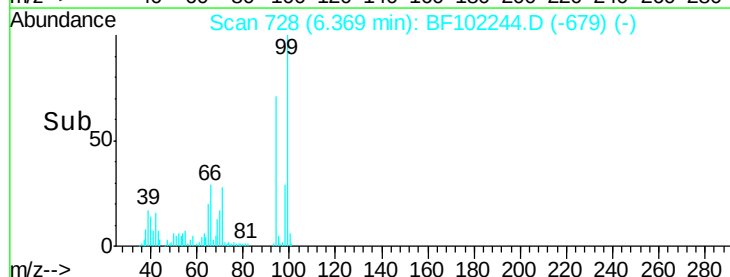
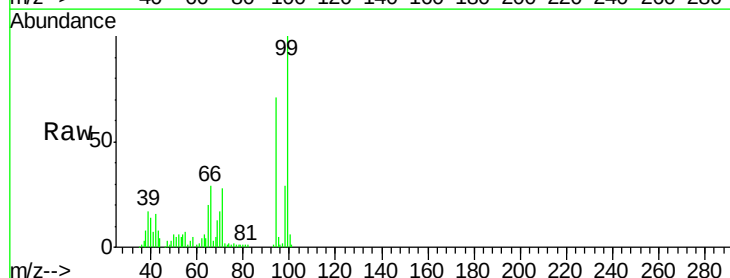
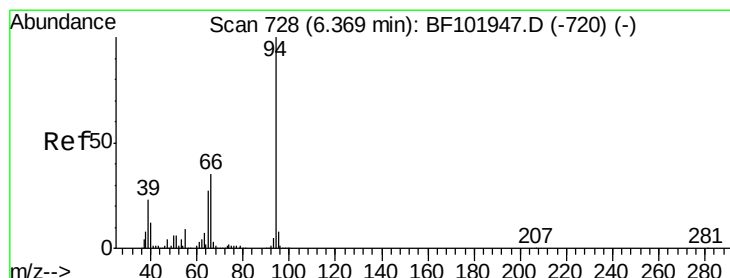
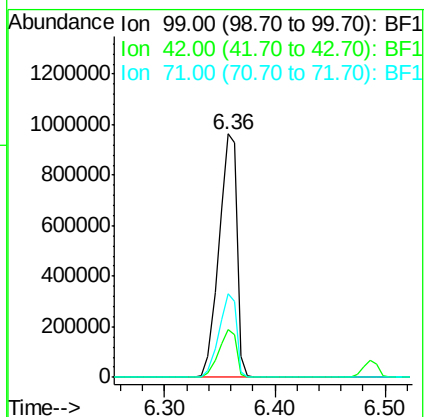
BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

Tot Ion: 99 Resp: 1092030

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.3	25.4	38.0



#10

Phenol

Concen: 2.352 ng

RT: 6.37 min Scan# 728

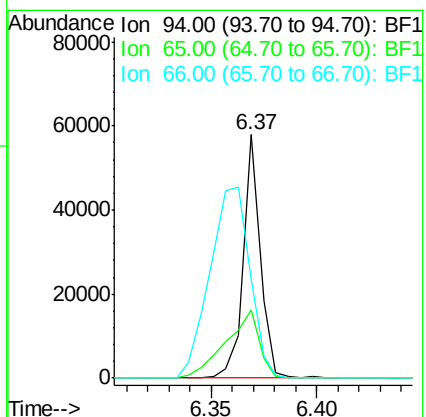
Delta R.T. -0.01 min

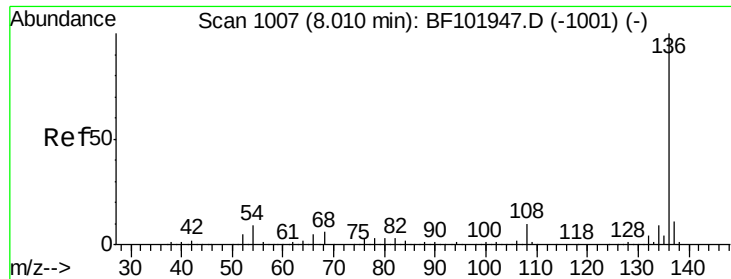
Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Tgt Ion: 94 Resp: 32080

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	40.6	16.2	56.2

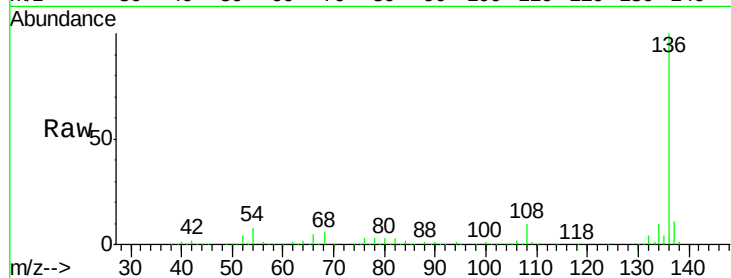




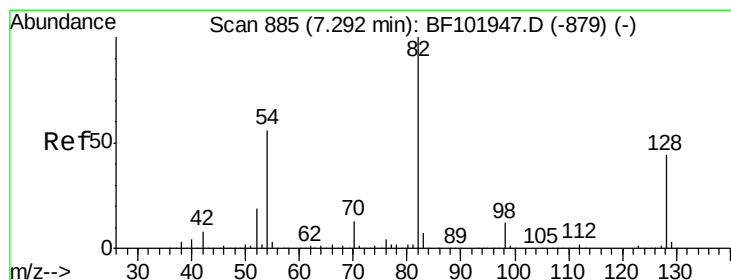
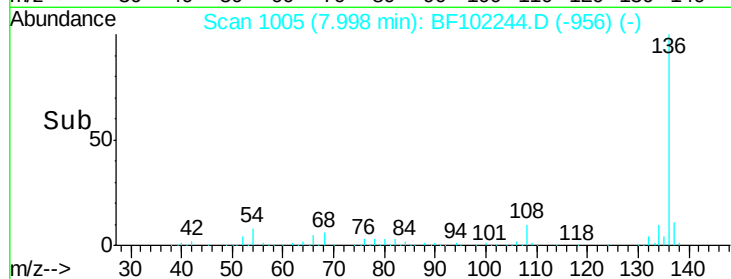
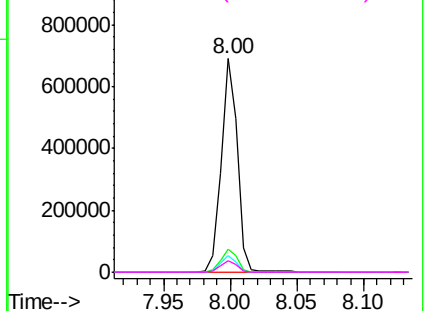
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:136	Resp:	591019
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.9	6.6 9.8
68	5.6	5.0 7.4

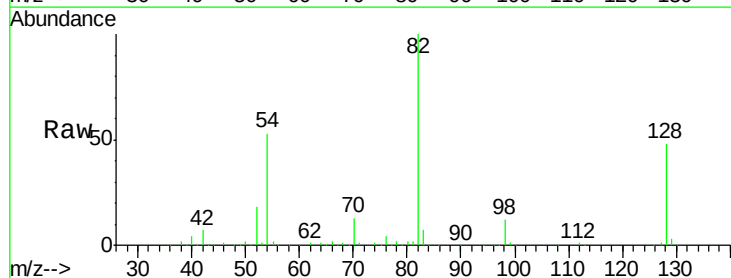


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

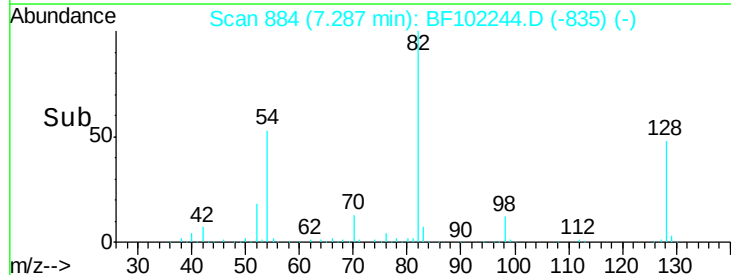
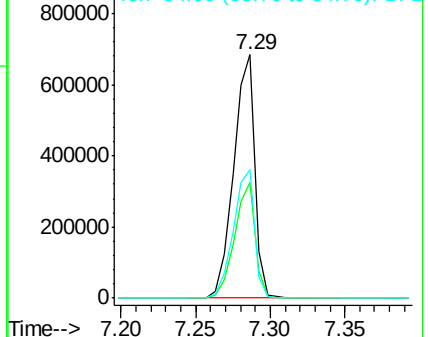


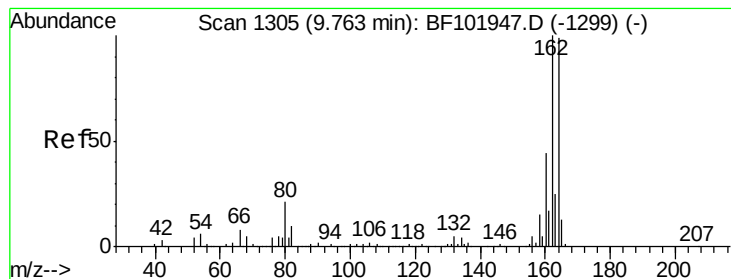
#23
Nitrobenzene-d5
Concen: 67.579 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion: 82	Resp:	679678
Ion Ratio	Lower	Upper
82	100	
128	47.7	36.1 54.1
54	52.9	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: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

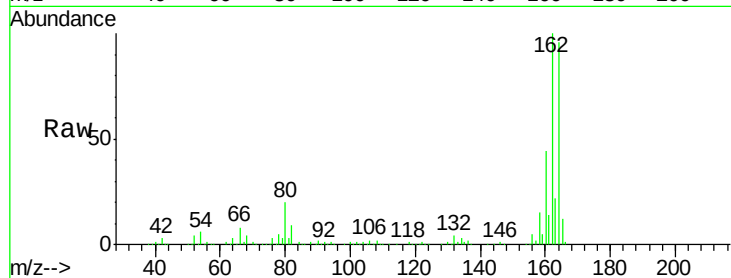
Tot Ion:164 Resp: 257406

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

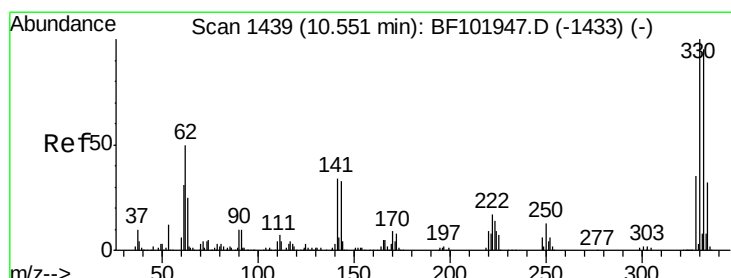
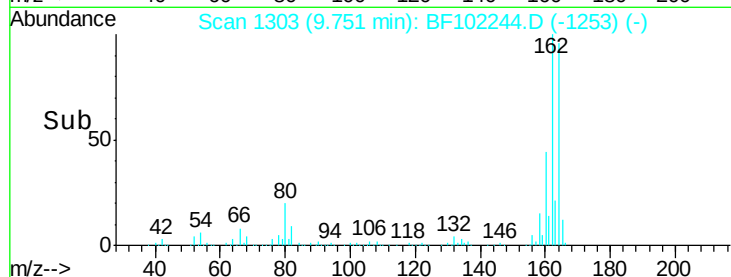
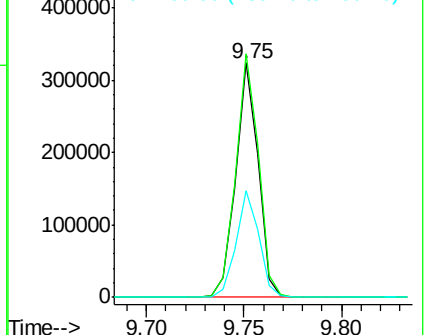
160 45.6 38.3 57.5



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: 102.681 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

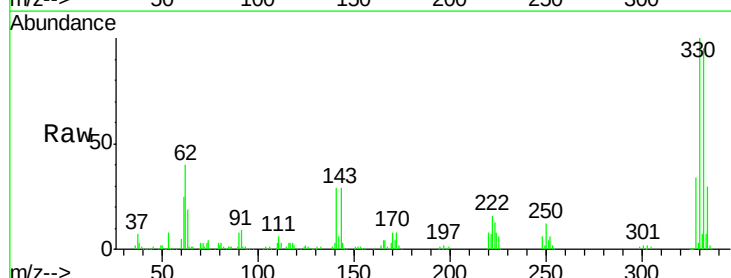
Tgt Ion:330 Resp: 230658

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

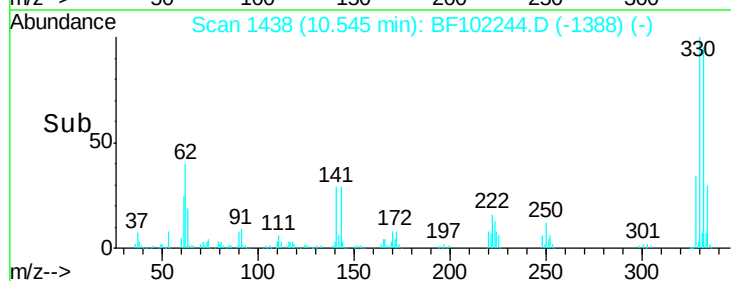
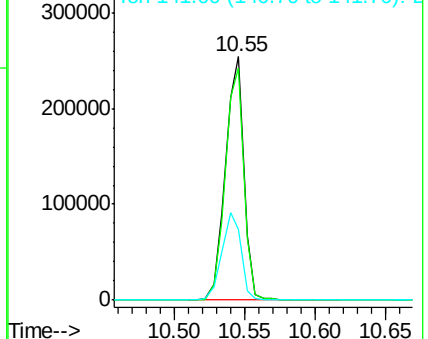
141 37.5 29.9 44.9

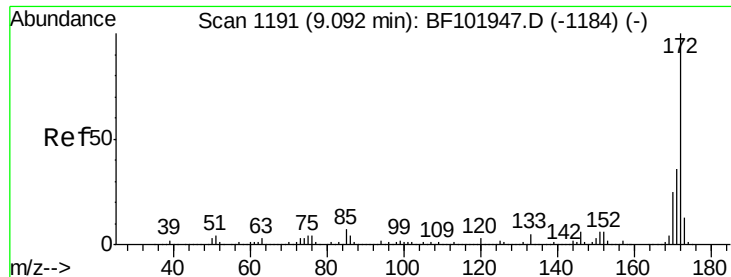


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

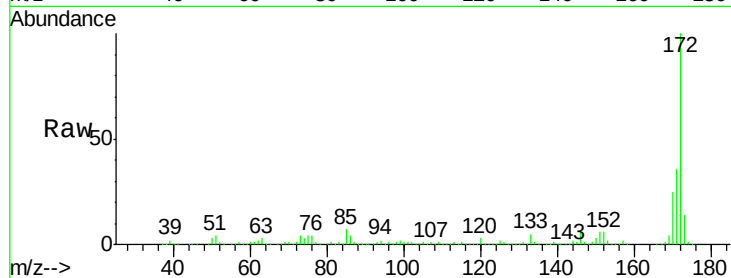




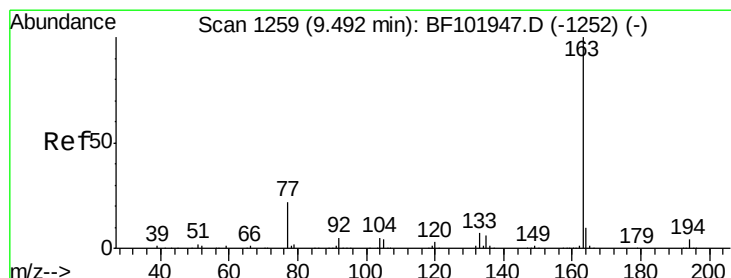
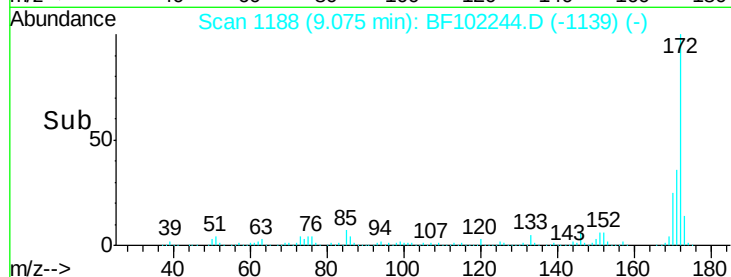
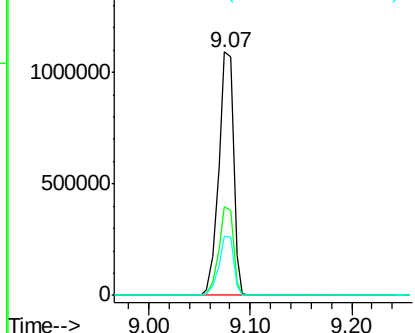
#44
2-Fluorobiphenyl
Concen: 67.430 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:172 Resp: 1111006
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4

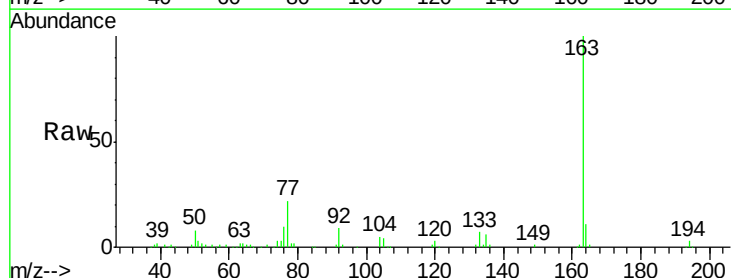


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

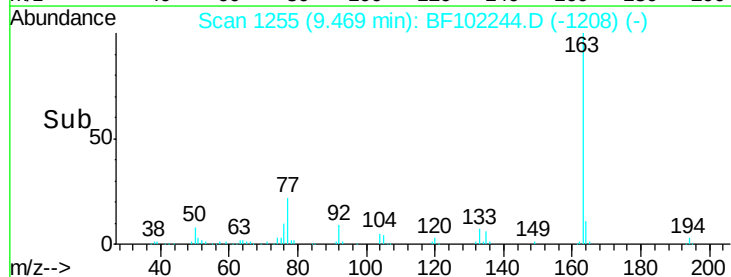
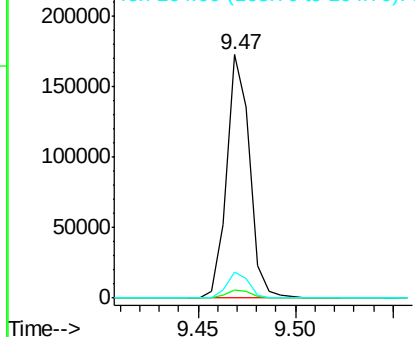


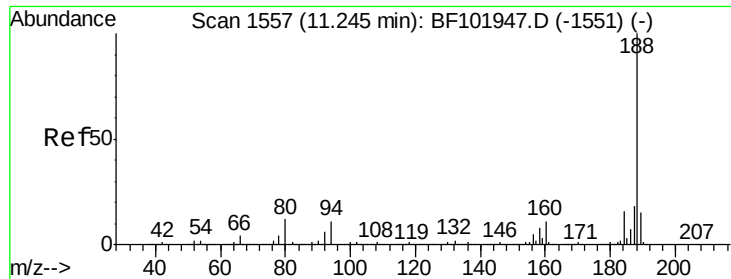
#49
Dimethylphthalate
Concen: 6.782 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:163 Resp: 140040
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 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

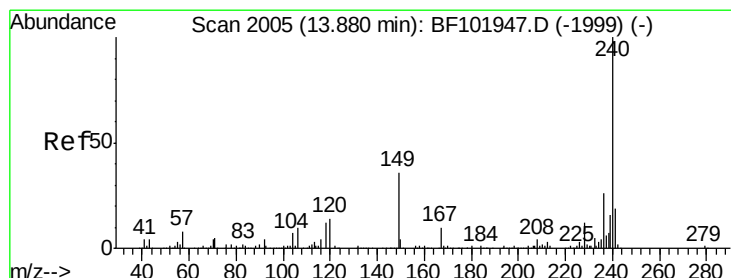
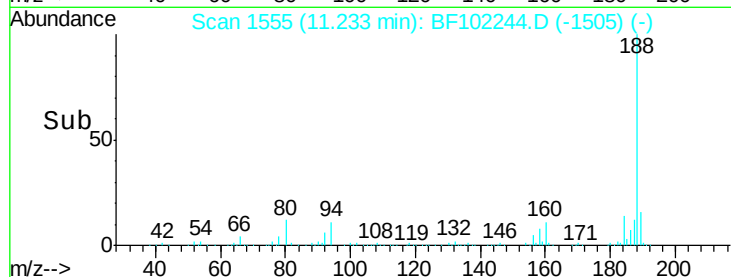
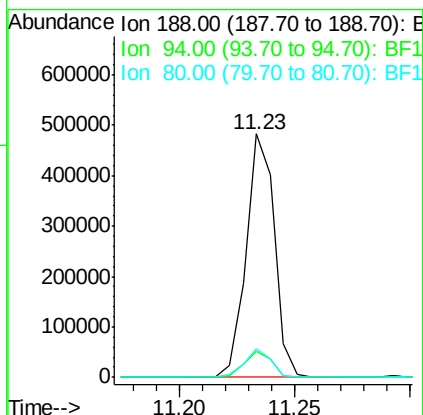
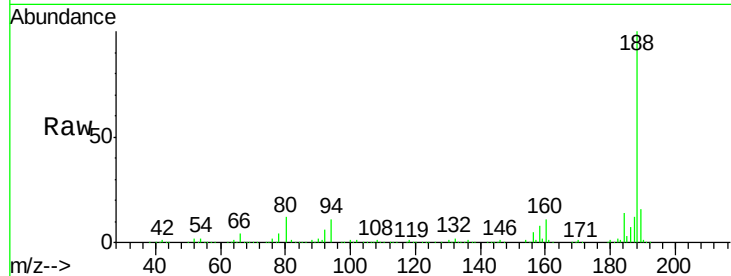




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

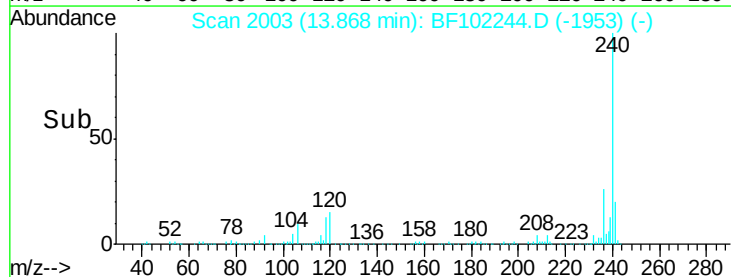
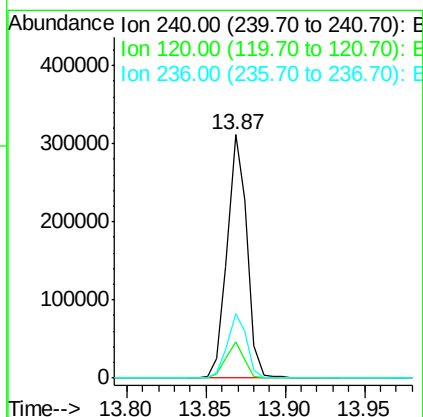
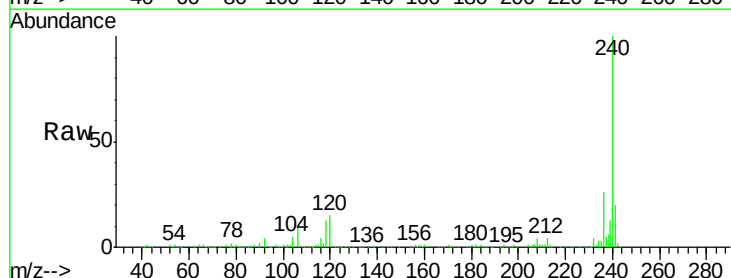
Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

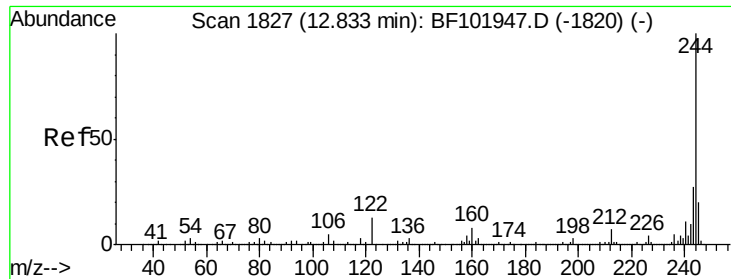
Tot Ion:188 Resp: 414337
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:240 Resp: 268560
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 61.019 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

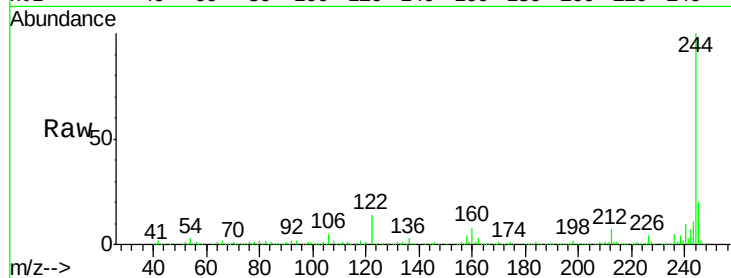
Tot Ion:244 Resp: 789263

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

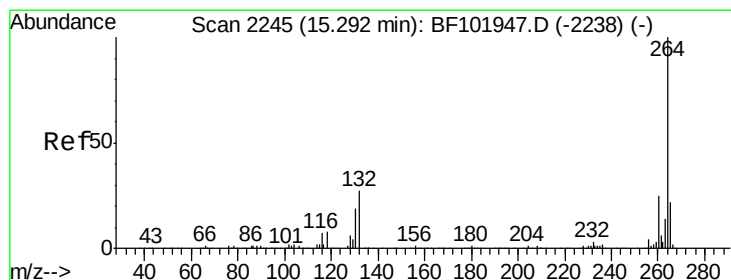
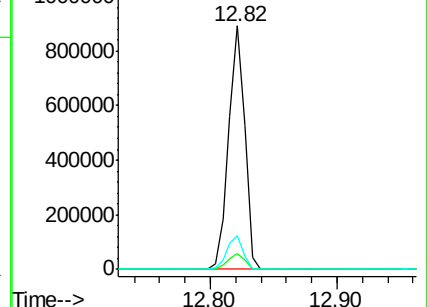
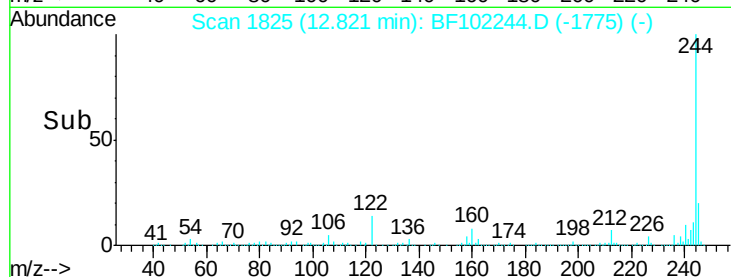
122 13.7 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

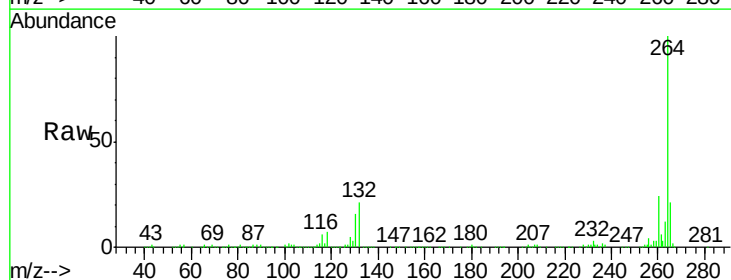
Tgt Ion:264 Resp: 275026

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 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

