

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101961.D
 Acq On : 9 Jan 2018 19:17
 Operator : SJ/JU
 Sample : J1044-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-D

Quant Time: Jan 10 01:11:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

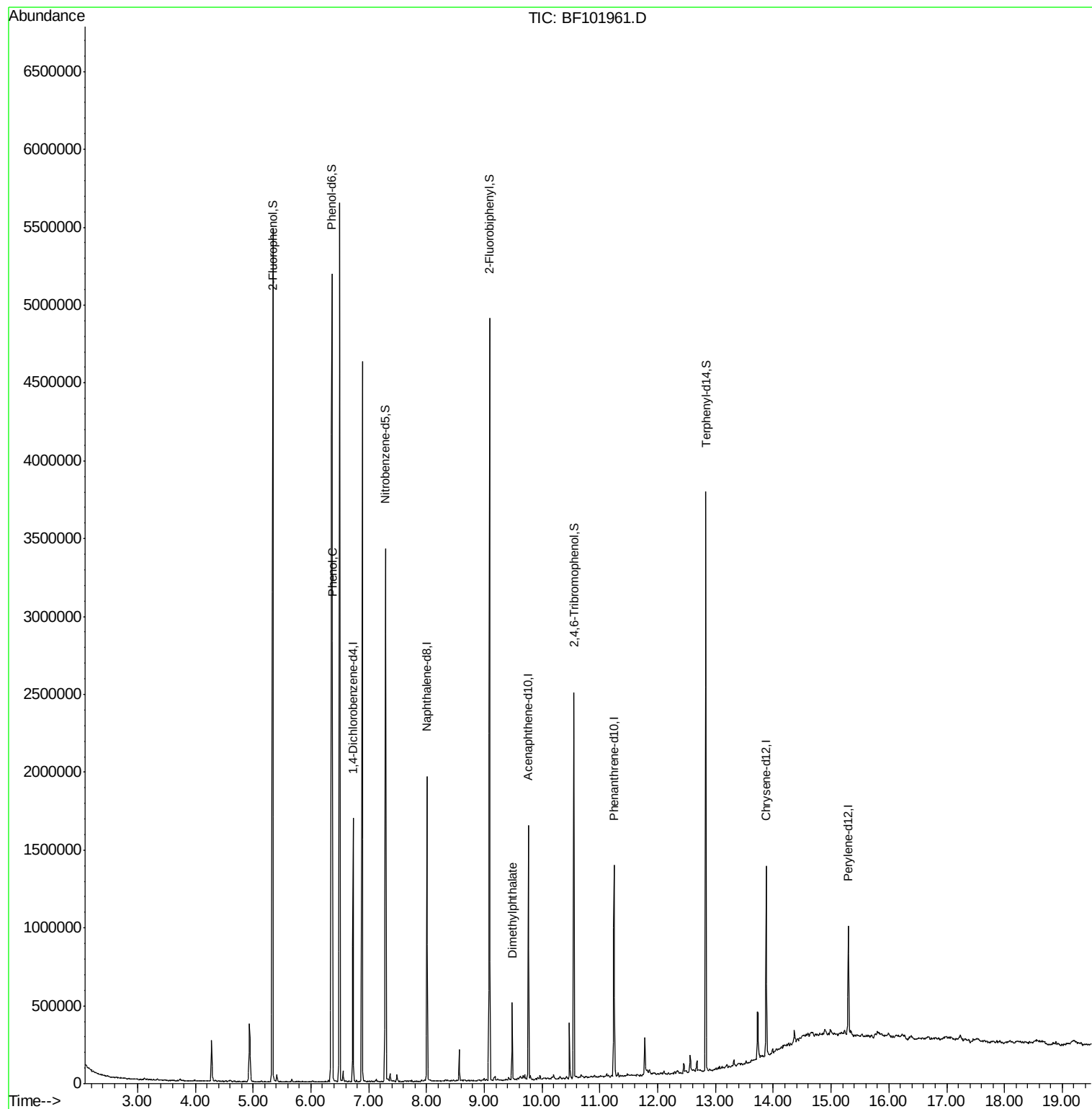
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212760	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	781221	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	277982	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	415314	20.00	ng	0.00
75) Chrysene-d12	13.88	240	400062	20.00	ng	0.00
86) Perylene-d12	15.30	264	288882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1716119	113.90	ng	0.02
7) Phenol-d6	6.36	99	2021234	112.44	ng	0.01
23) Nitrobenzene-d5	7.29	82	1207581	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264634	109.09	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1595239	89.65	ng	0.00
78) Terphenyl-d14	12.83	244	1171139	60.78	ng	0.00
Target Compounds						
10) Phenol	6.37	94	96397	4.745	ng	94
49) Dimethylphthalate	9.48	163	160064	7.178	ng	99

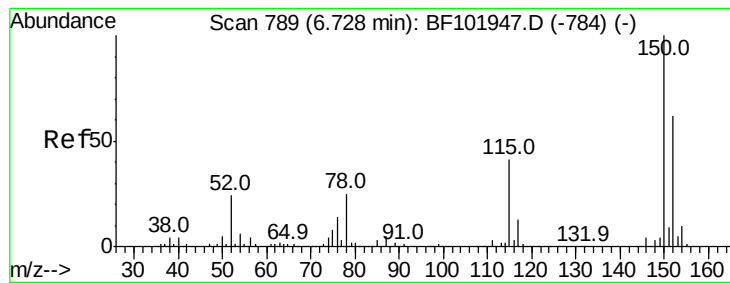
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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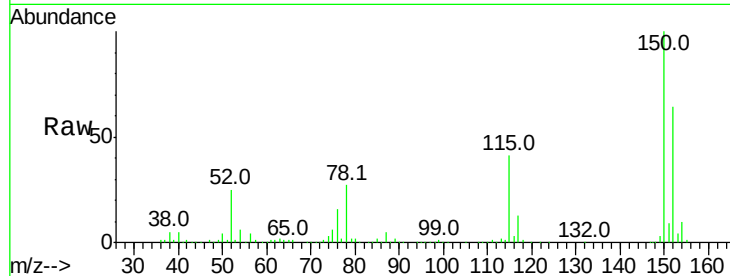


#1

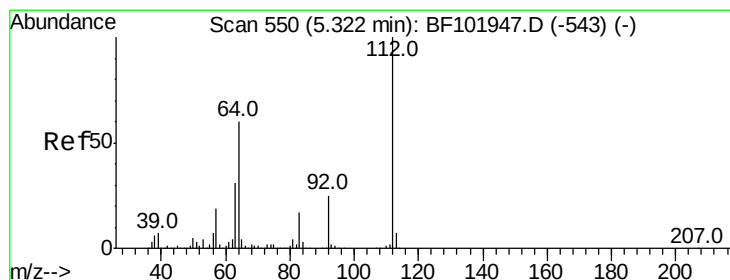
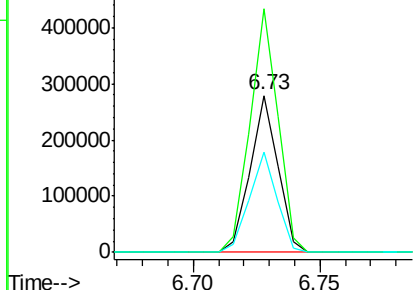
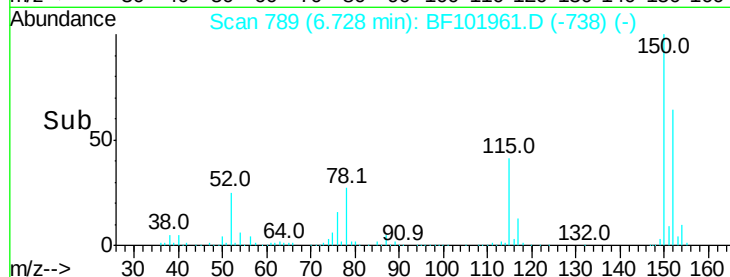
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
SP-COMP-D

Tot Ion:152 Resp: 212760
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 64.0 50.1 75.1



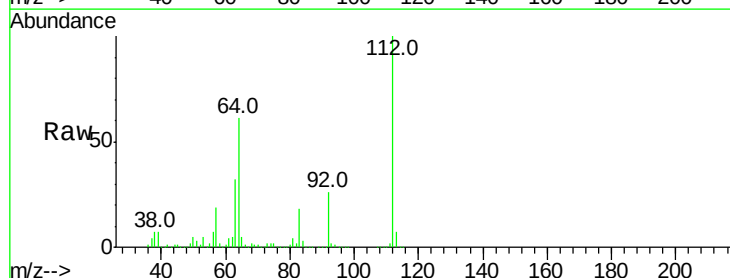
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



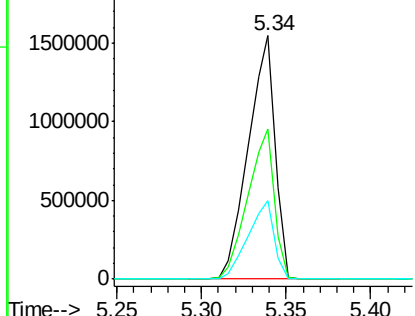
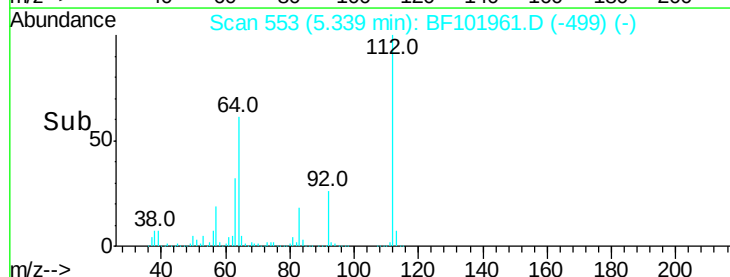
#5

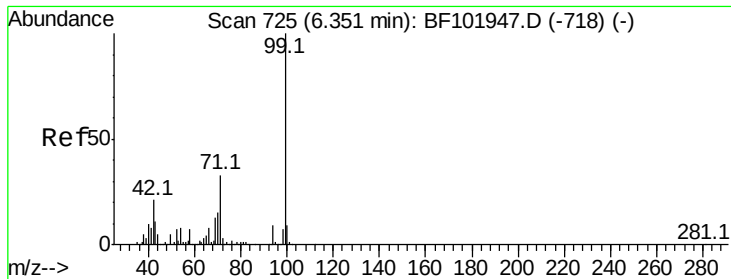
2-Fluorophenol
Concen: 113.898 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Tgt Ion:112 Resp: 1716119
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.2 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: 112.437 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

SP-COMP-D

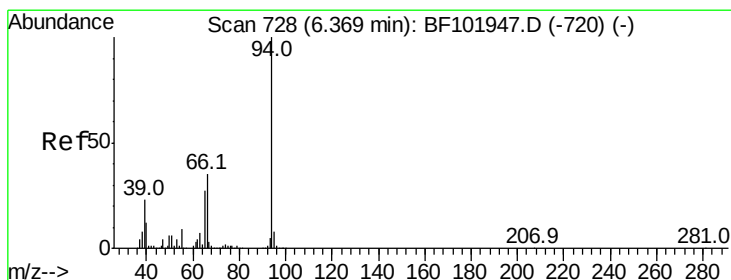
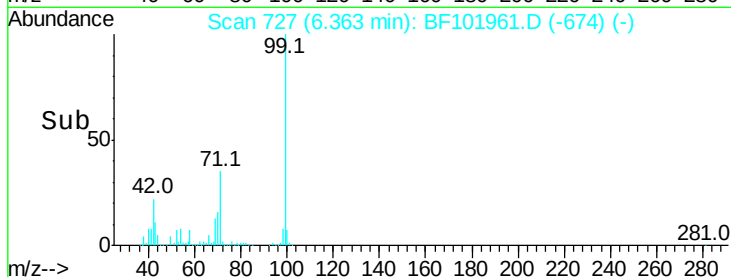
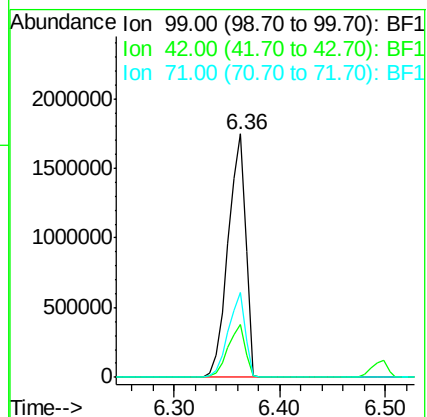
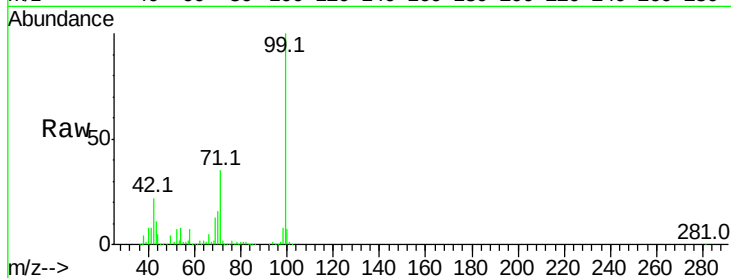
Tot Ion: 99 Resp: 2021234

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 4.745 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

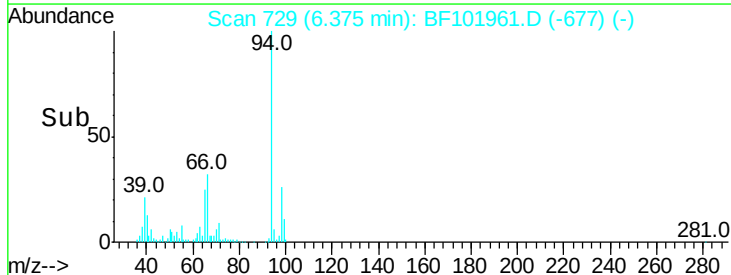
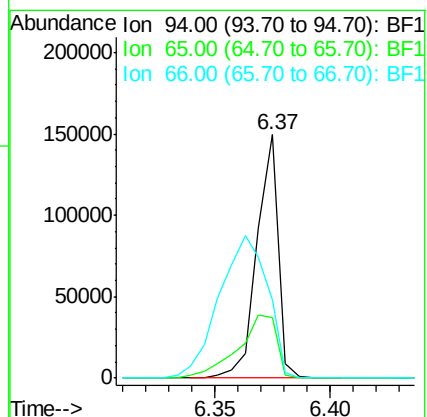
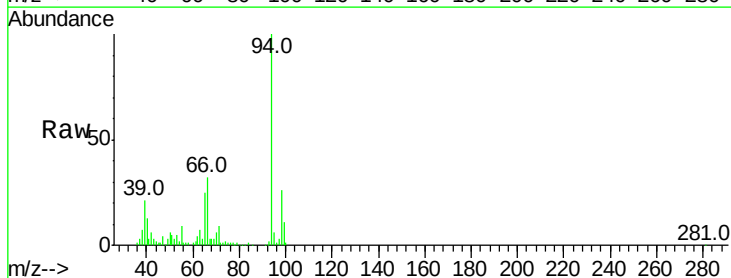
Tgt Ion: 94 Resp: 96397

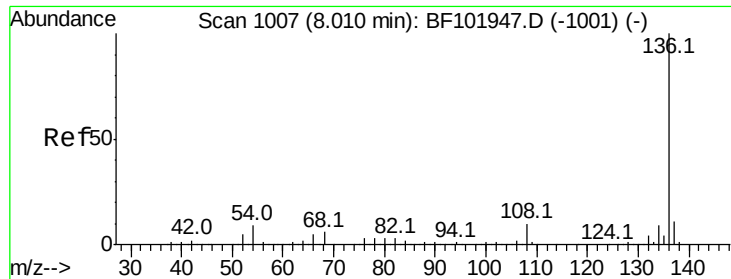
Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

66 32.2 16.2 56.2

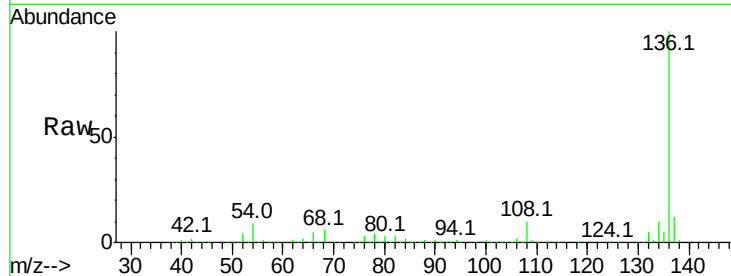




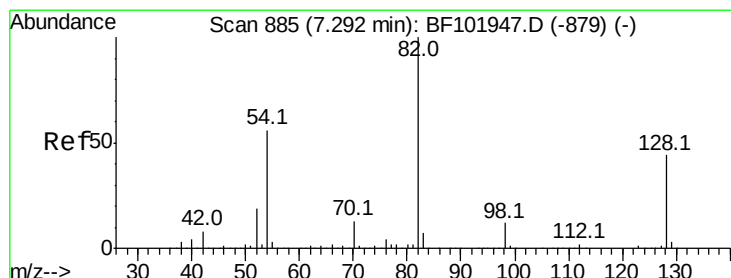
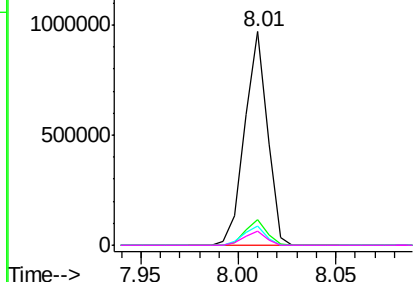
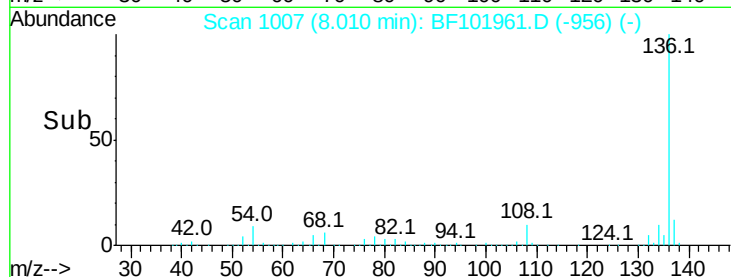
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :
SP-COMP-D

Tot Ion:	136	Resp:	781221
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4

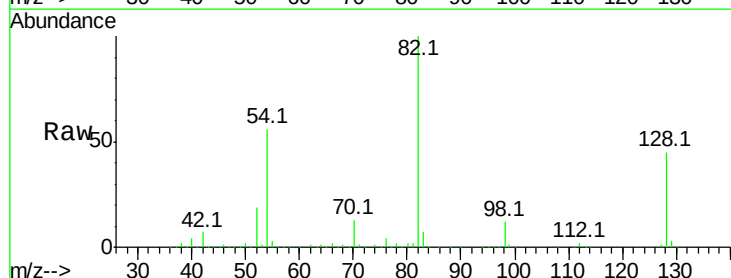


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

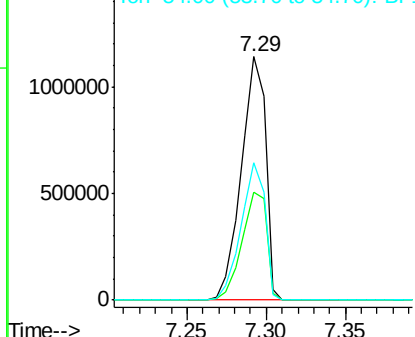
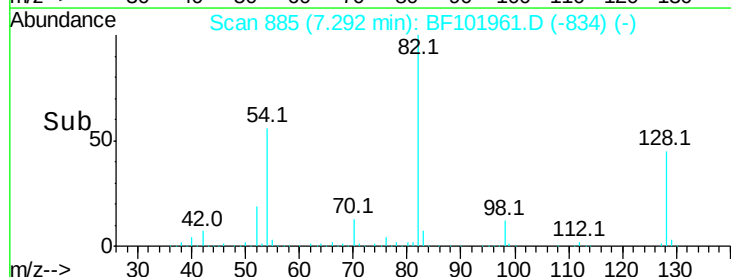


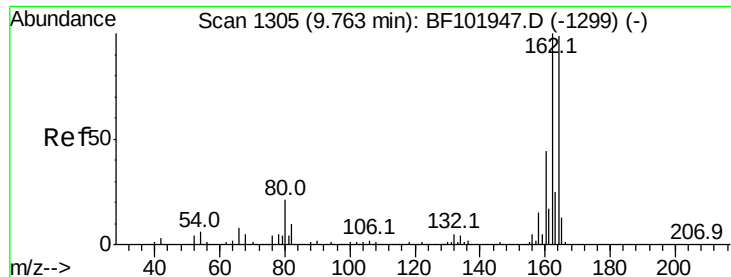
#23
Nitrobenzene-d5
Concen: 90.835 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Tgt Ion:	82	Resp:	1207581
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	56.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
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: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

SP-COMP-D

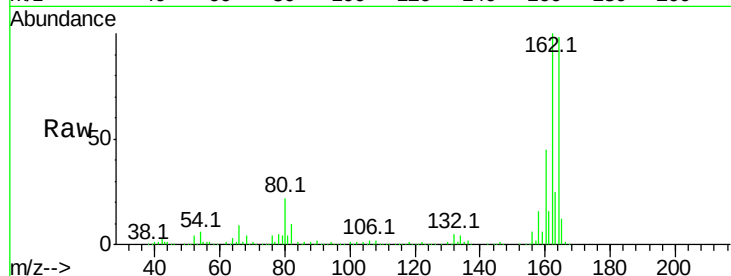
Tot Ion:164 Resp: 277982

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

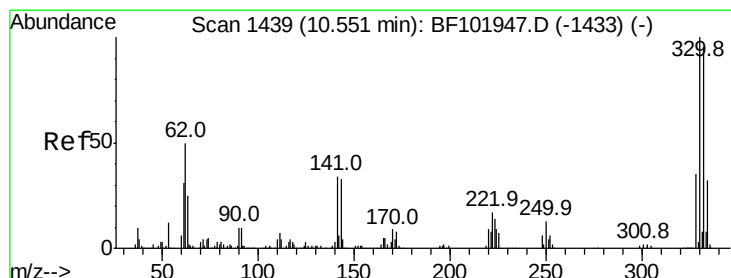
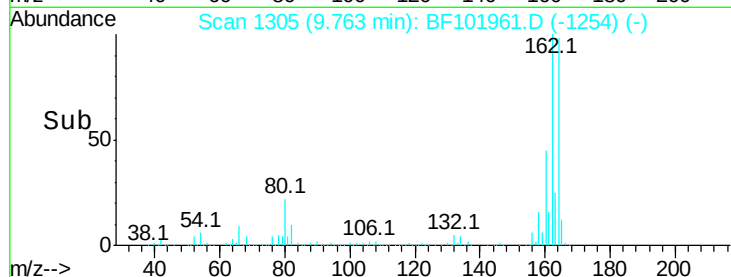
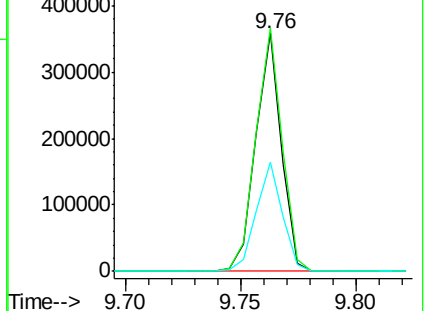
160 45.8 38.3 57.5



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: 109.086 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

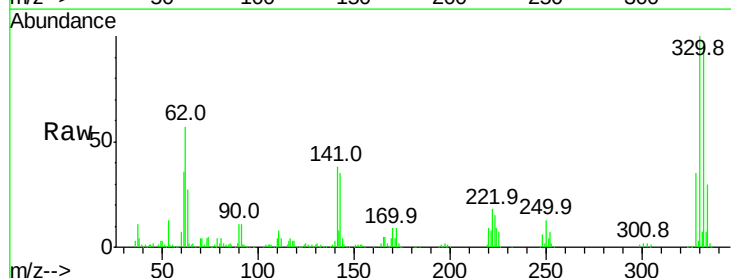
Tgt Ion:330 Resp: 264634

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

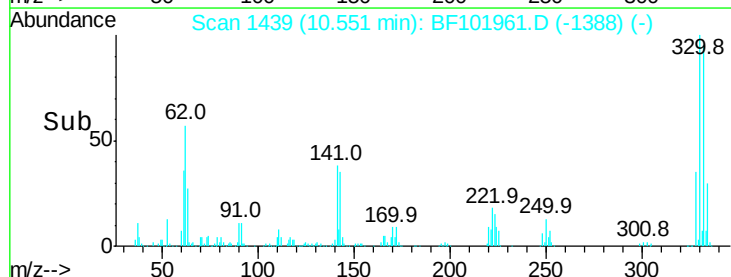
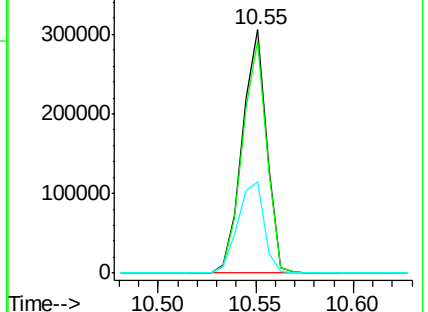
141 40.8 29.9 44.9

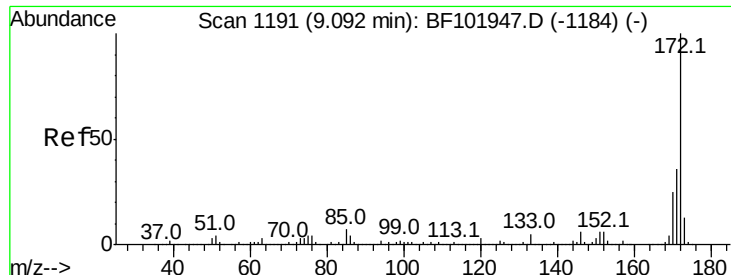


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

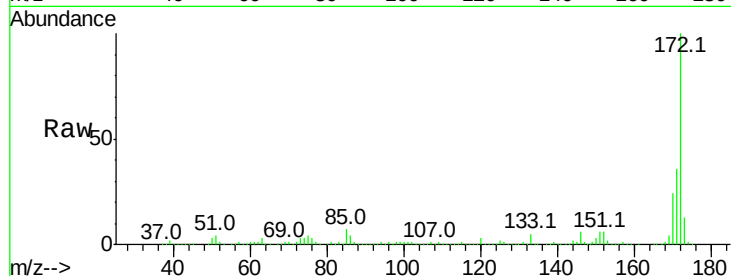




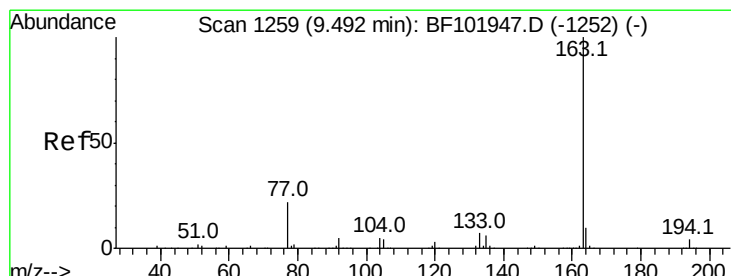
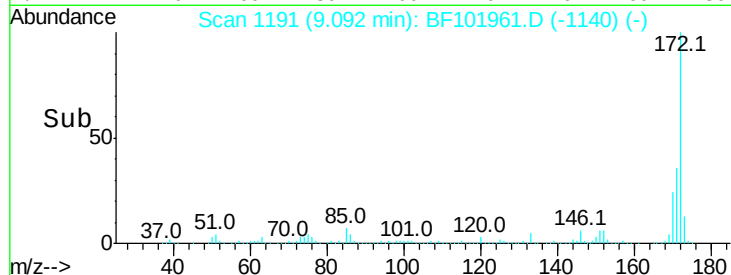
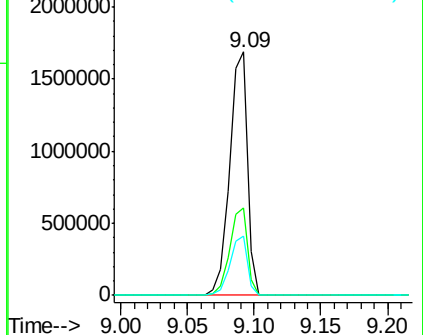
#44
2-Fluorobiphenyl
Concen: 89.653 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
SP-COMP-D

Tot Ion:172 Resp: 1595239
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.3 19.6 29.4

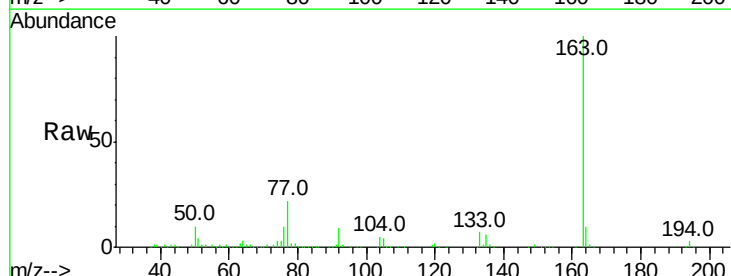


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

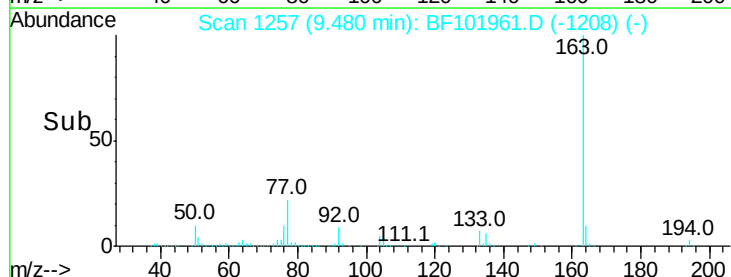
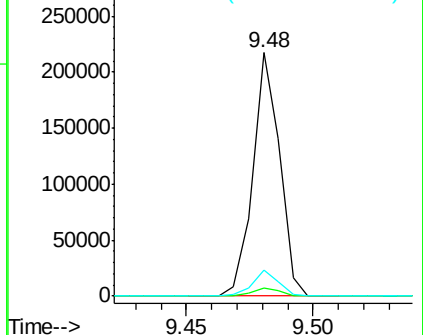


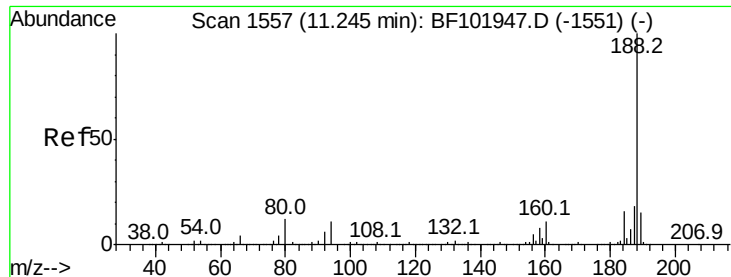
#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101961.D
Acq: 9 Jan 2018 19:17

Tgt Ion:163 Resp: 160064
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

SP-COMP-D

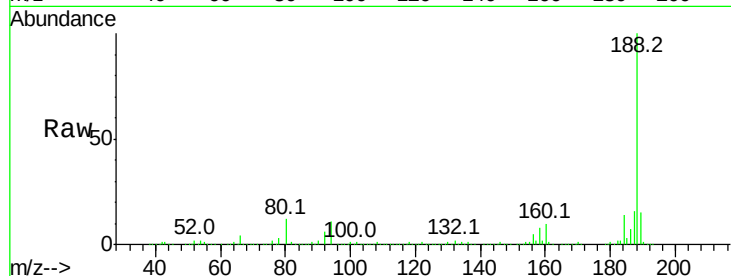
Tot Ion:188 Resp: 415314

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

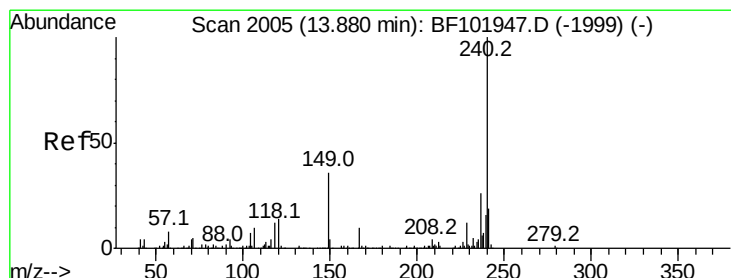
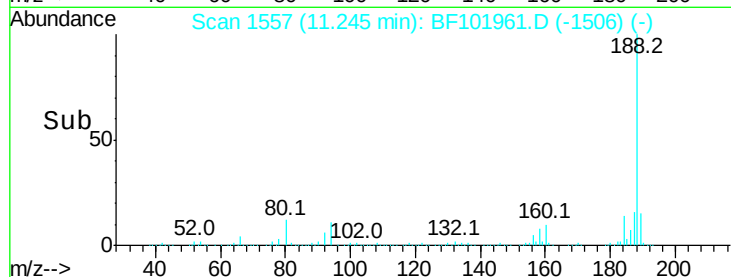
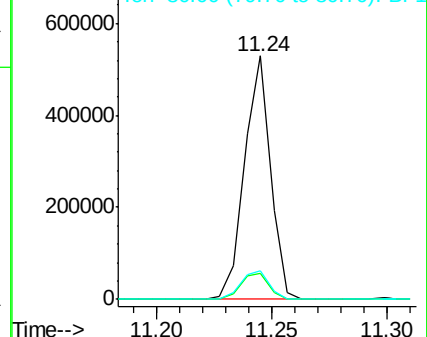
80 12.0 9.2 13.8



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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

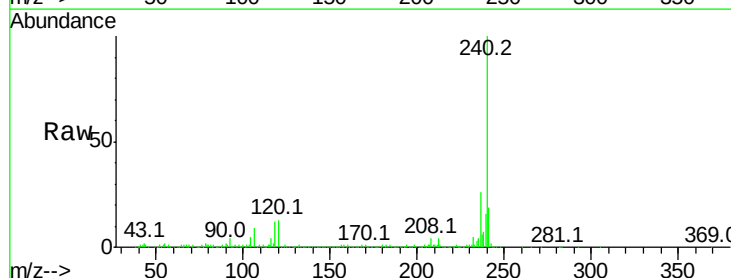
Tgt Ion:240 Resp: 400062

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

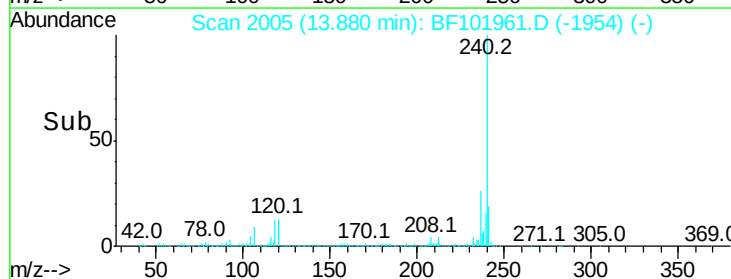
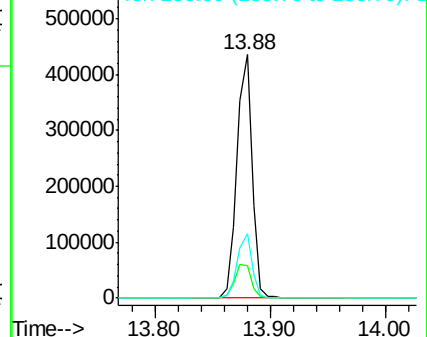
236 26.4 20.7 31.1

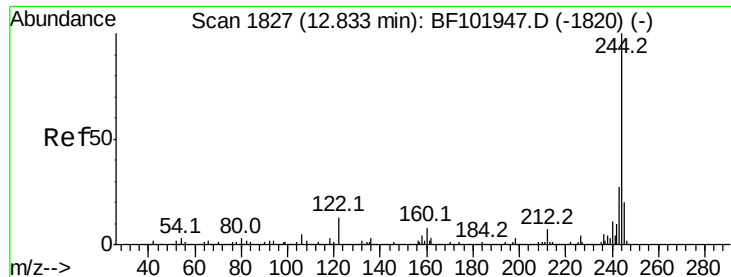


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.780 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

SP-COMP-D

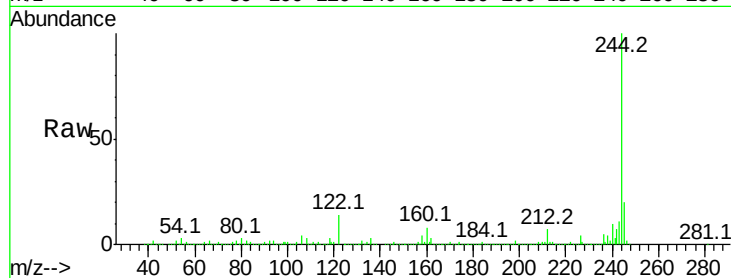
Tot Ion:244 Resp: 1171139

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

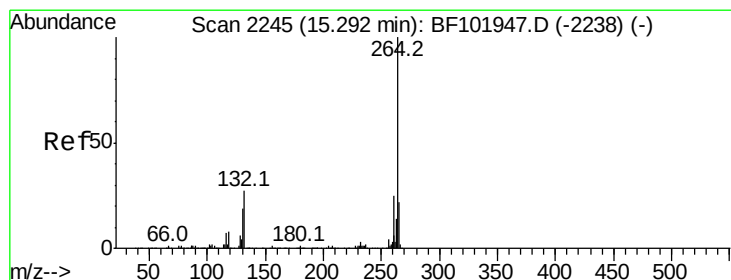
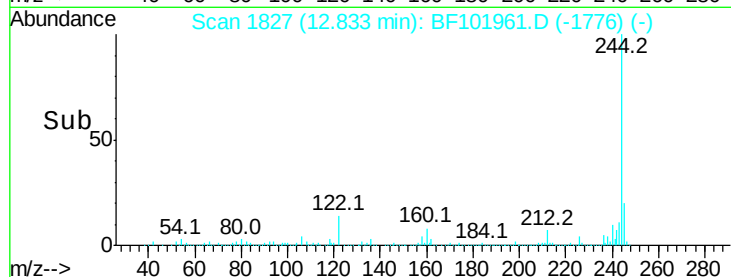
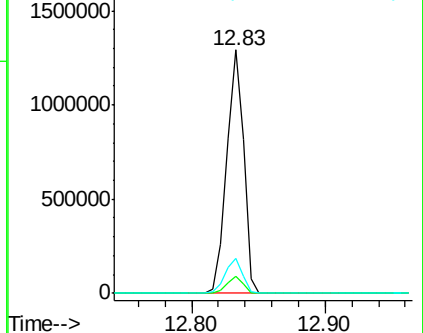
122 14.3 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101961.D

Acq: 9 Jan 2018 19:17

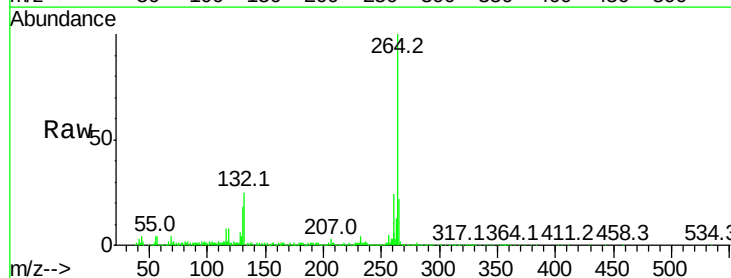
Tgt Ion:264 Resp: 288882

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.4 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

