

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101523.D
 Acq On : 19 Dec 2017 15:38
 Operator : SJ/JU
 Sample : I6908-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4

Quant Time: Dec 19 16:58:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

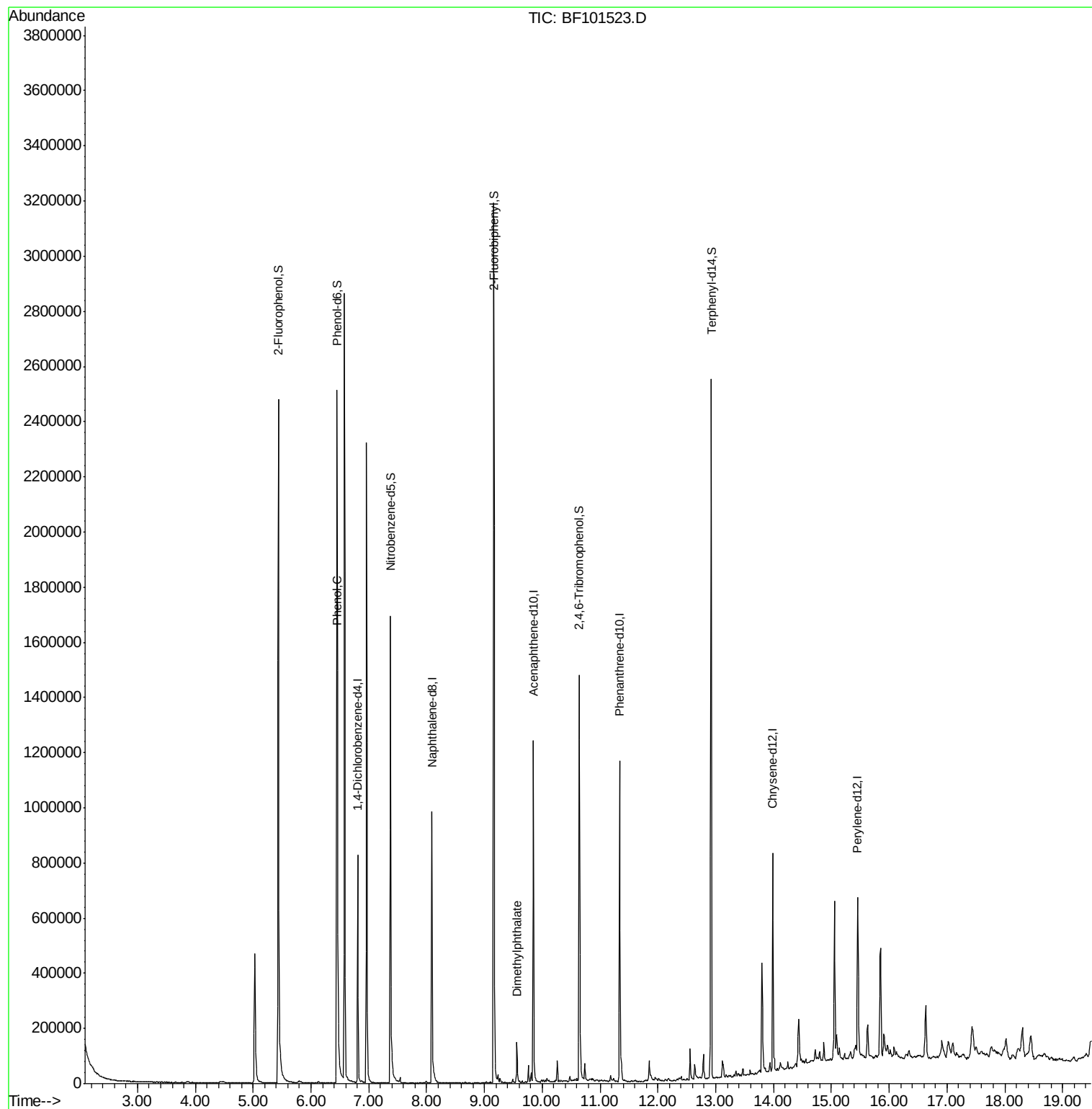
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136368	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550434	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240048	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	433418	20.00	ng	0.00
75) Chrysene-d12	13.99	240	260010	20.00	ng	0.00
86) Perylene-d12	15.46	264	292123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	812263	88.73	ng	0.01
7) Phenol-d6	6.45	99	979100	85.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	616088	62.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	209863	90.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1071908	69.27	ng	0.00
78) Terphenyl-d14	12.92	244	861494	79.88	ng	0.00
Target Compounds						
10) Phenol	6.46	94	46883	3.610	ng	84
49) Dimethylphthalate	9.56	163	65877	3.412	ng	99

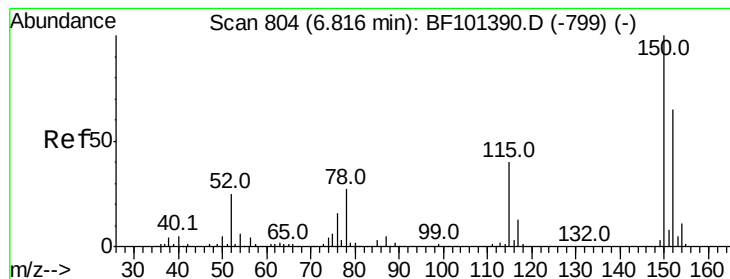
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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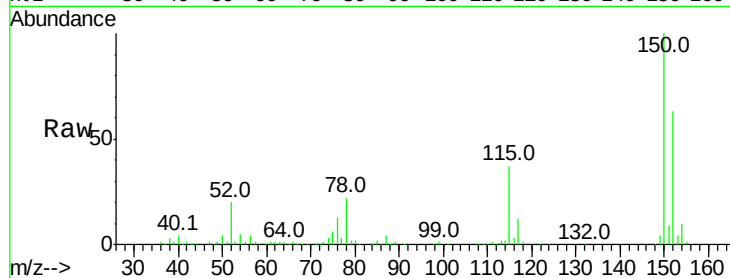


#1

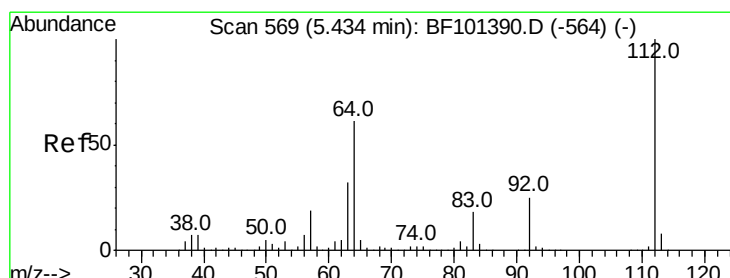
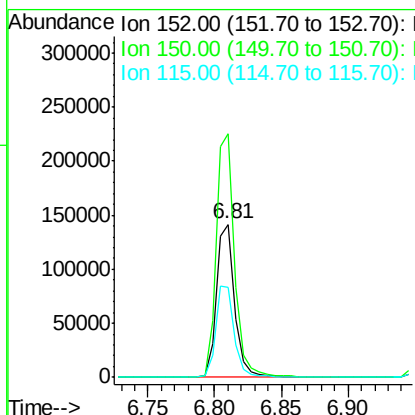
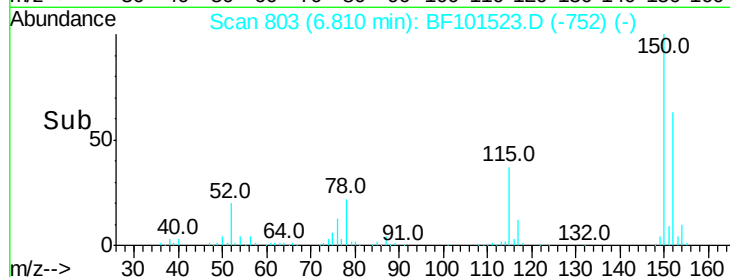
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Instrument :
BNA_F
ClientSampled :
4

Tot Ion:152 Resp: 136368
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 58.5 50.1 75.1



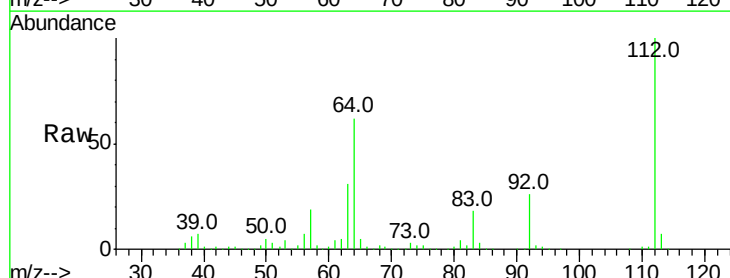
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



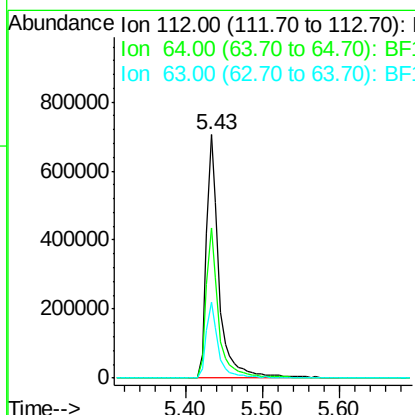
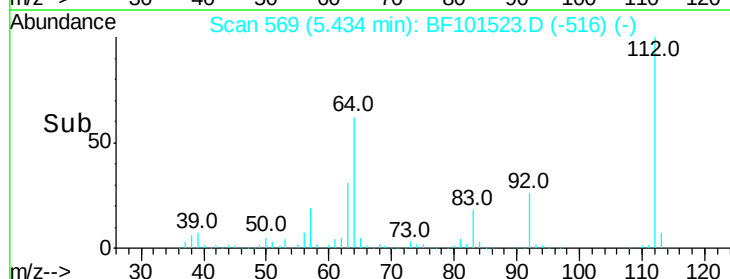
#5

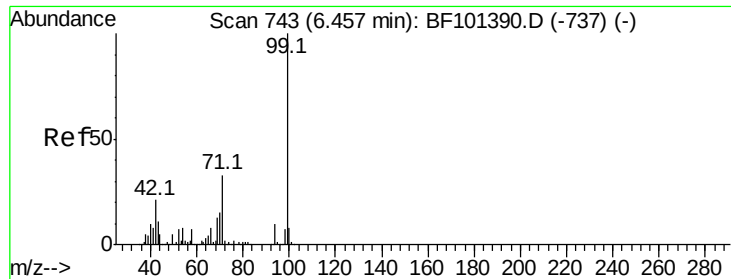
2-Fluorophenol
Concen: 88.725 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Tgt Ion:112 Resp: 812263
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.4 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: 85.935 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

Instrument :

BNA_F

ClientSampled :

4

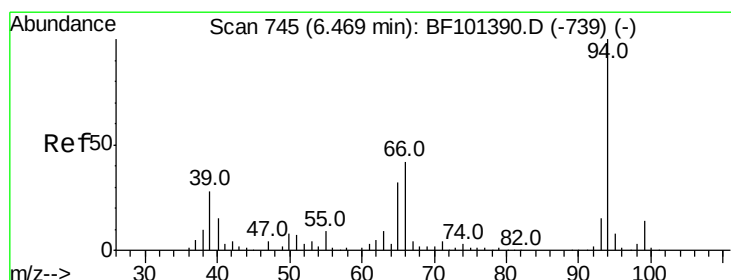
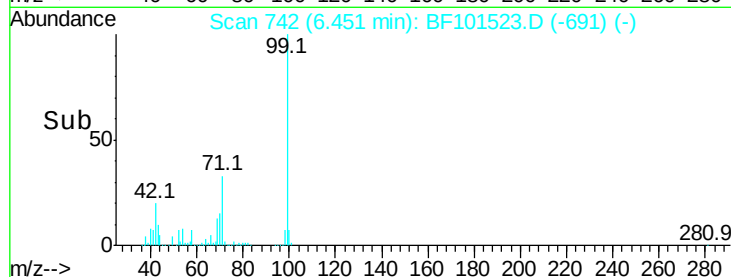
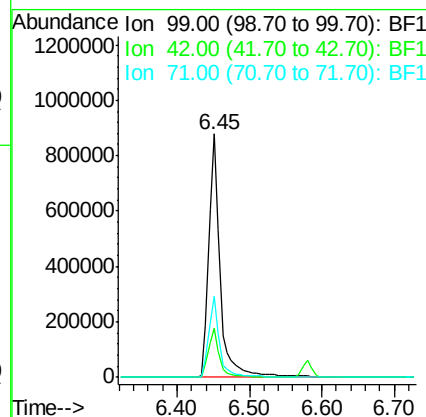
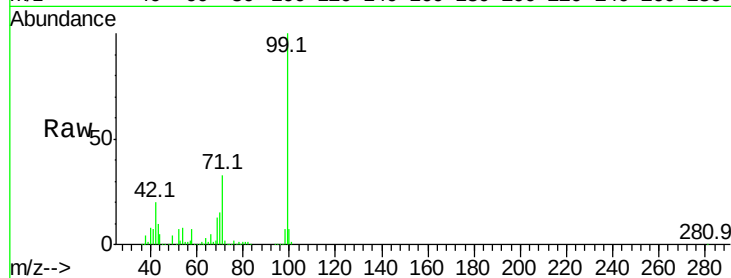
Tot Ion: 99 Resp: 979100

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 3.610 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

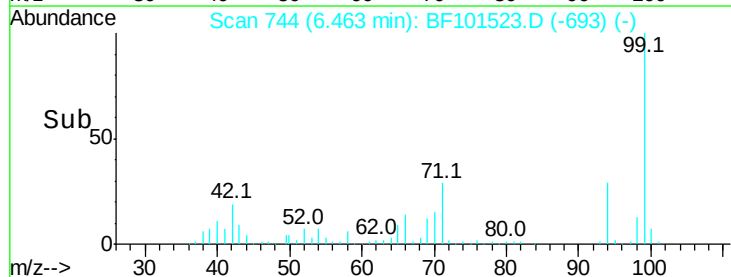
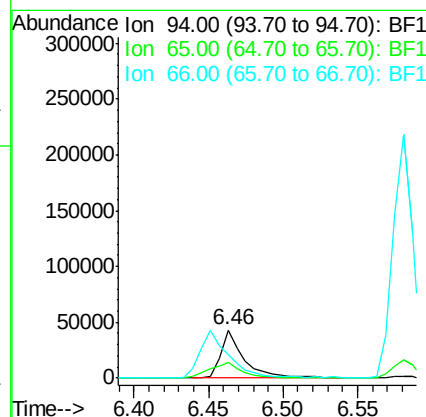
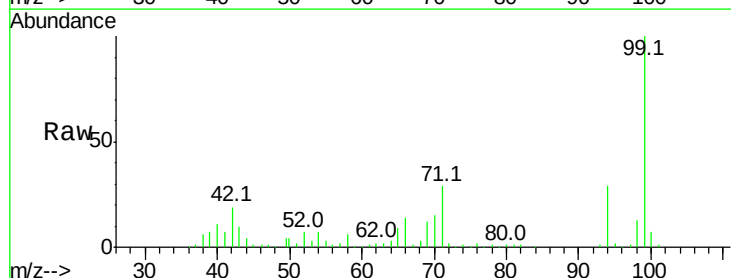
Tgt Ion: 94 Resp: 46883

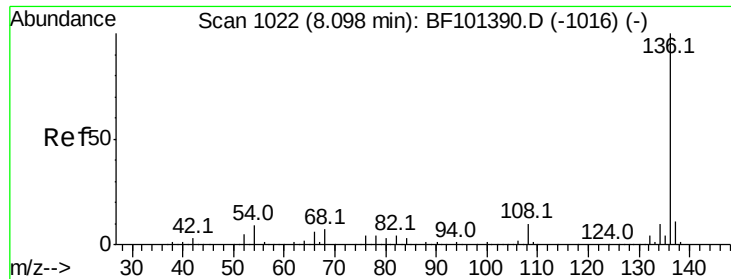
Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

66 49.2 16.2 56.2

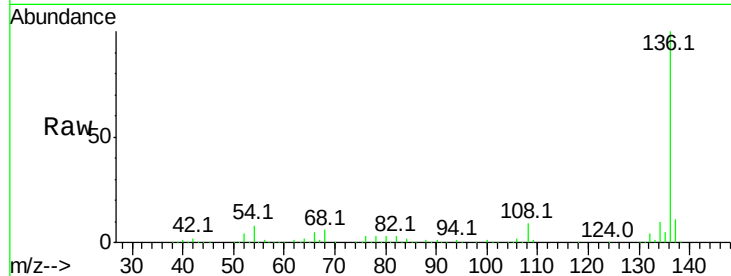




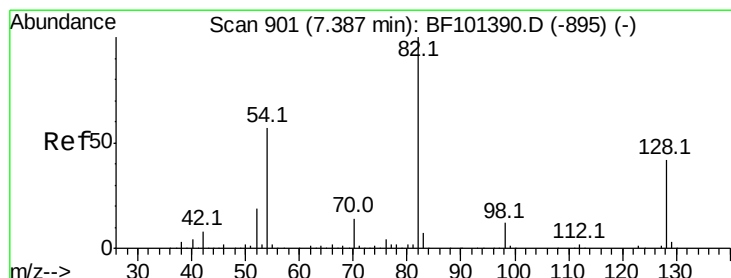
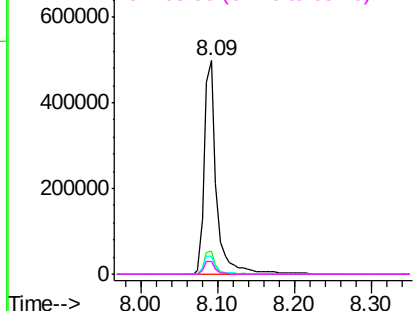
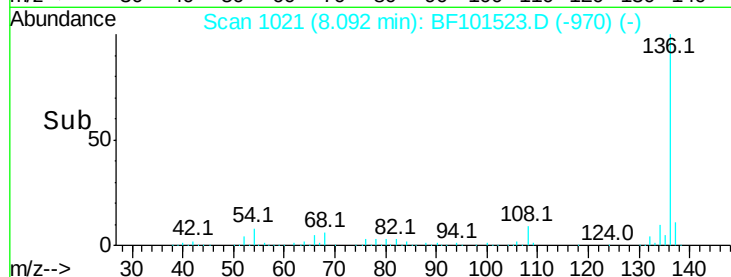
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Instrument :
BNA_F
ClientSampleId :
4

Tot Ion:136	Resp:	550434
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	8.3	6.6 9.8
68	6.1	5.0 7.4

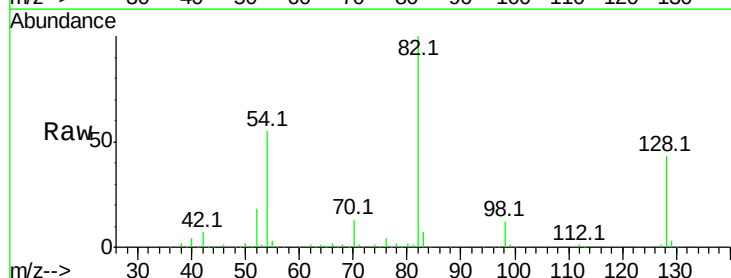


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

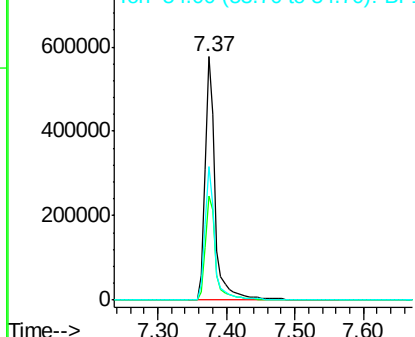
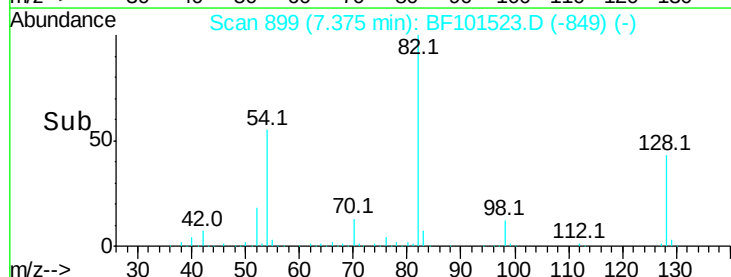


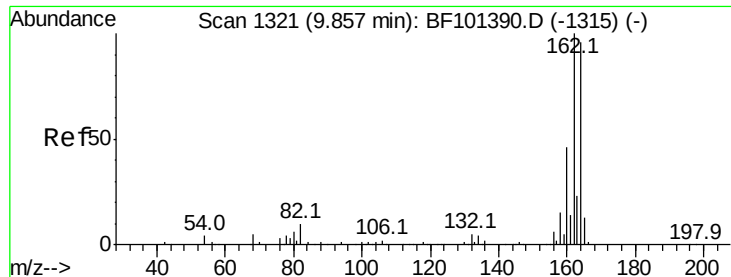
#23
Nitrobenzene-d5
Concen: 62.305 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Tgt Ion: 82	Resp:	616088
Ion	Ratio	Lower Upper
82	100	
128	43.0	36.1 54.1
54	54.8	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

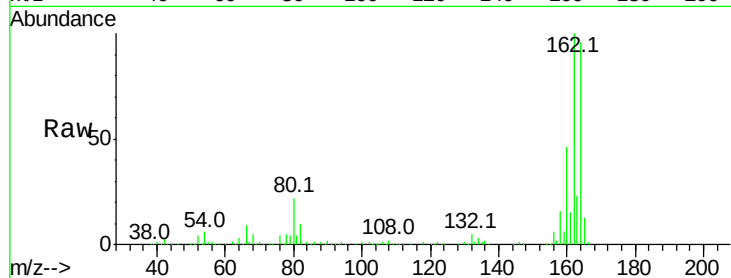




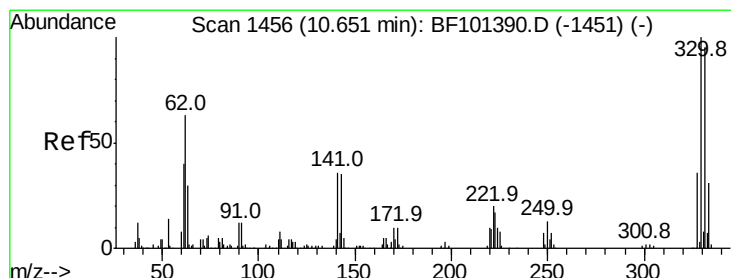
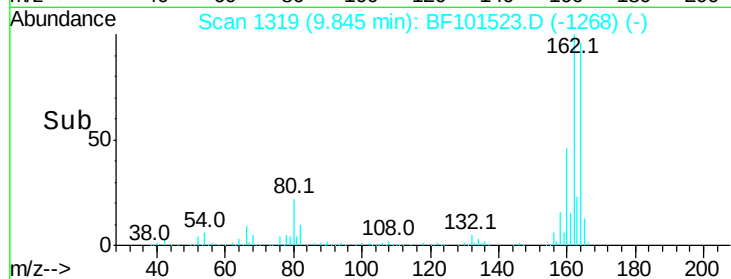
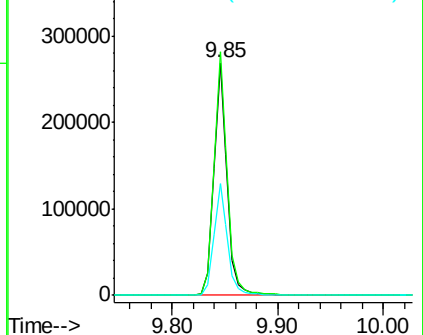
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 4

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.3	38.3	57.5

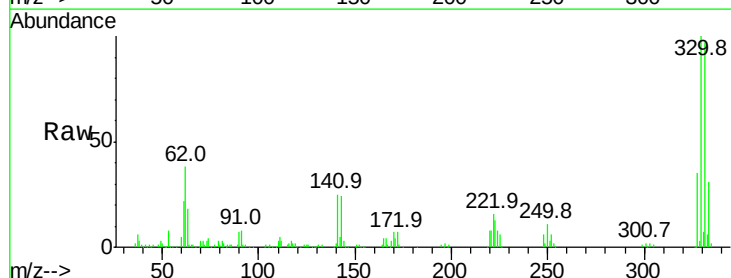


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

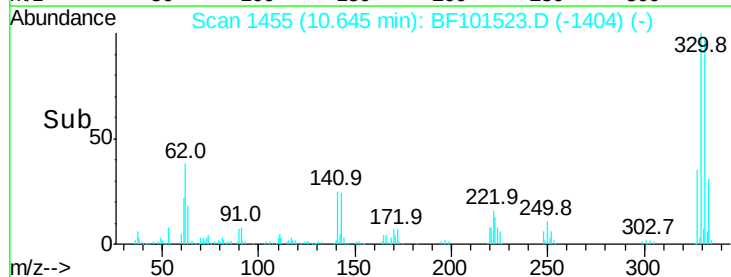
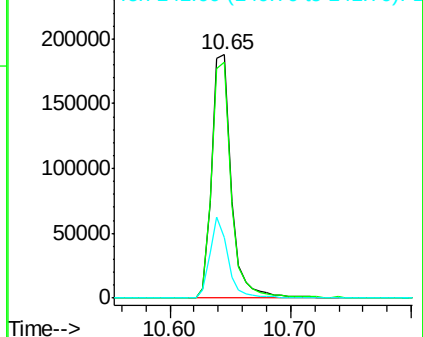


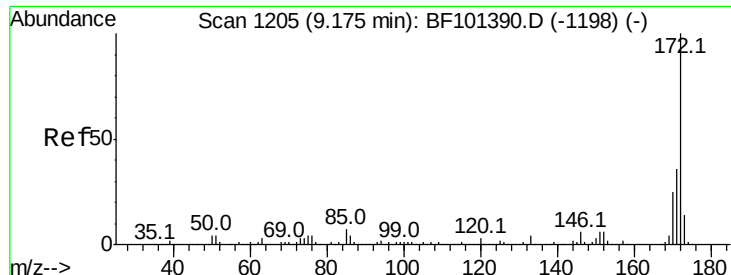
#41
 2,4,6-Tribromophenol
 Concen: 90.730 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	31.4	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



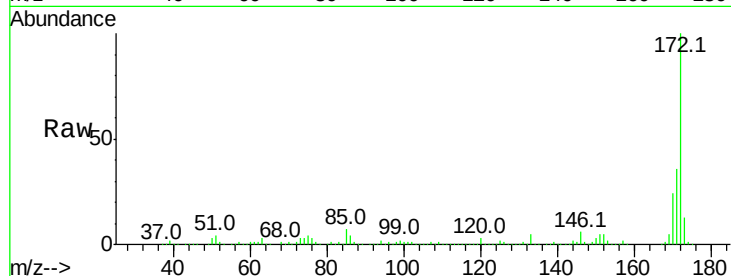


#44
 2-Fluorobiphenyl
 Concen: 69.269 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

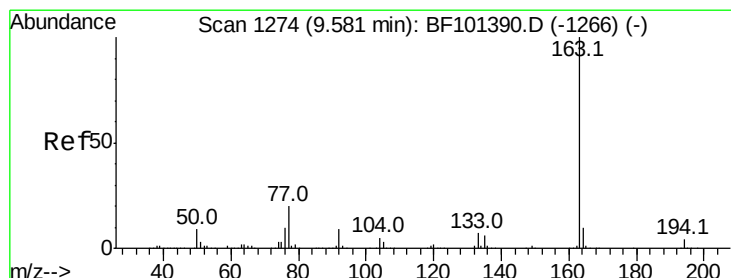
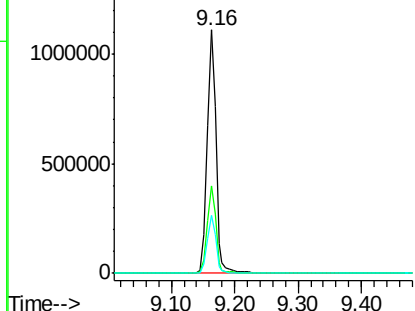
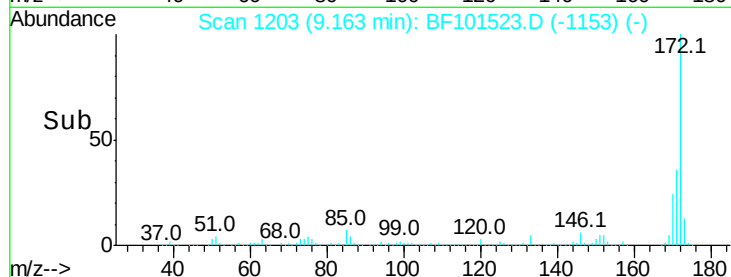
Instrument :
 BNA_F
 ClientSampled :
 4

Tot Ion:172 Resp: 1071908

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4



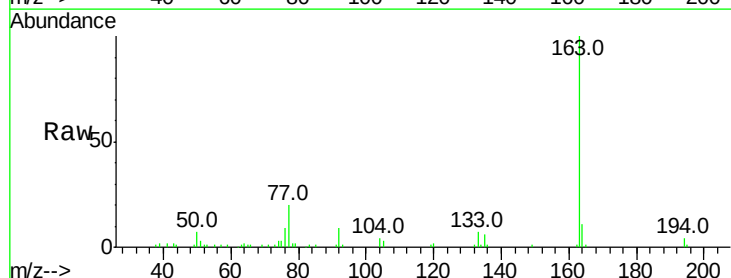
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



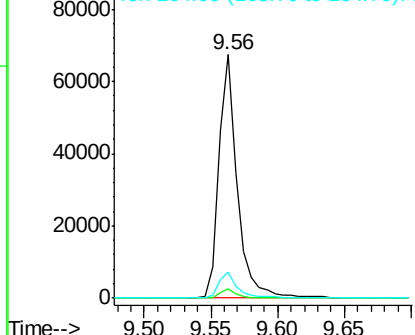
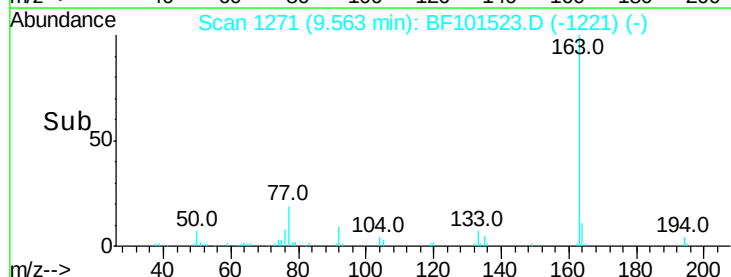
#49
 Dimethylphthalate
 Concen: 3.412 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF101523.D
 Acq: 19 Dec 2017 15:38

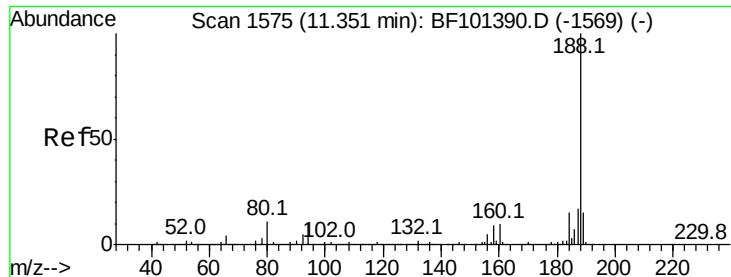
Tgt Ion:163 Resp: 65877

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	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

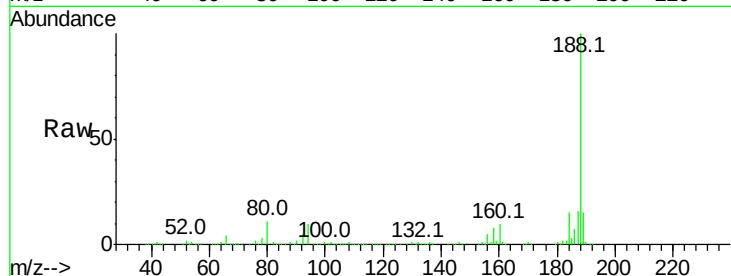




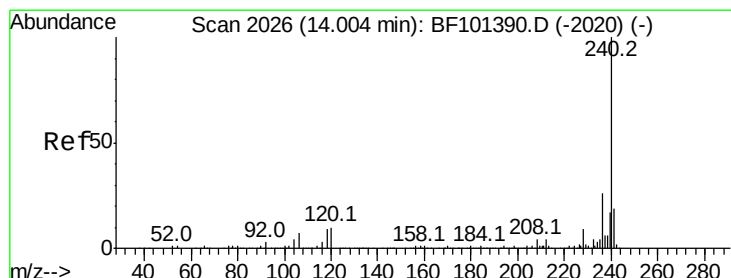
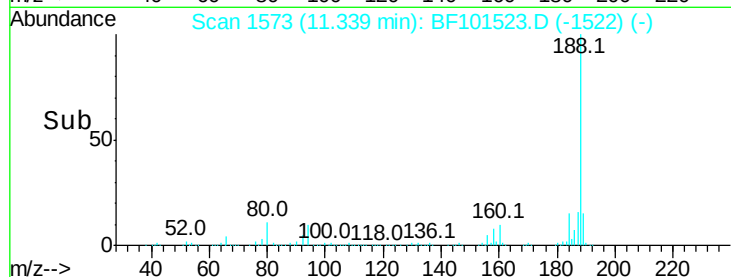
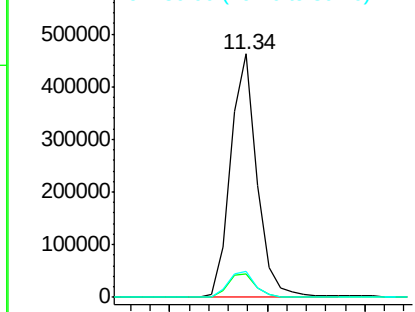
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Instrument :
BNA_F
ClientSampleId :
4

Tot Ion:188 Resp: 433418
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.7 9.2 13.8

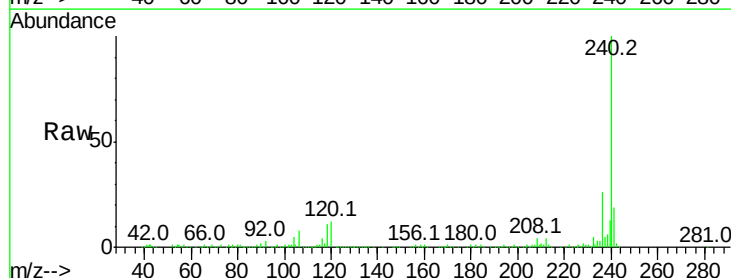


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

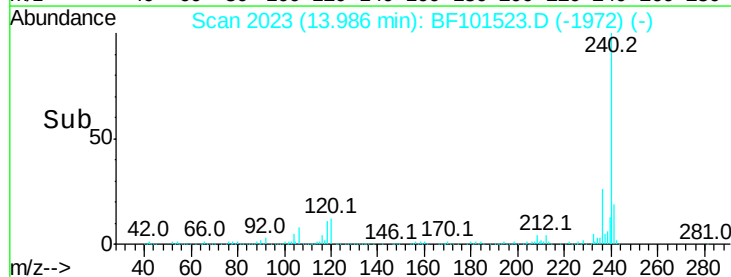
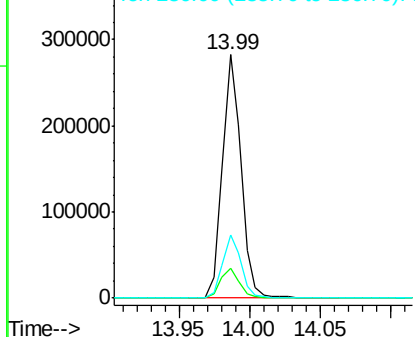


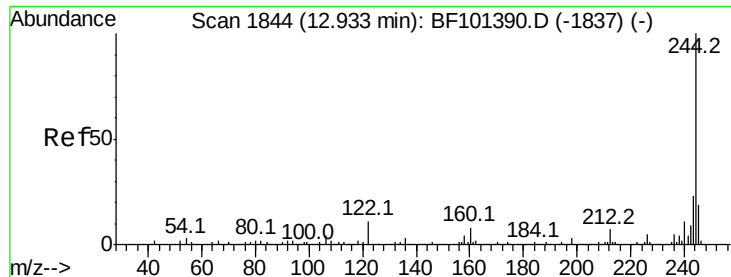
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101523.D
Acq: 19 Dec 2017 15:38

Tgt Ion:240 Resp: 260010
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.8 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: 79.876 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

Instrument :

BNA_F

ClientSampleId :

4

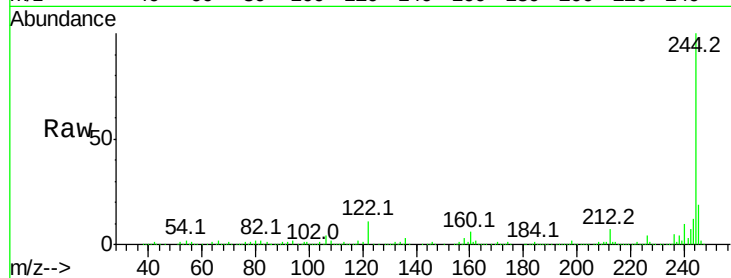
Tot Ion:244 Resp: 861494

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

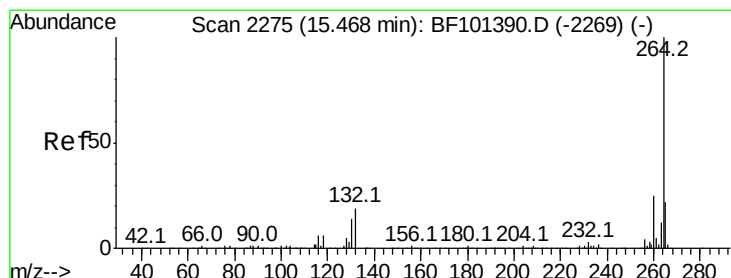
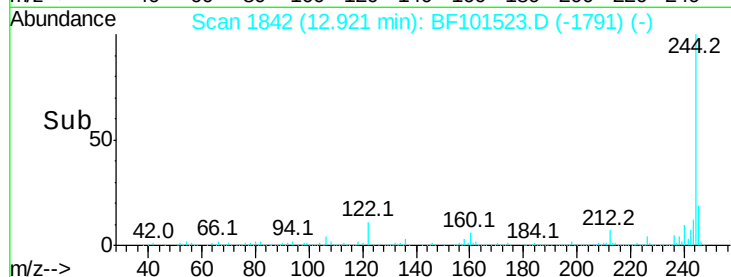
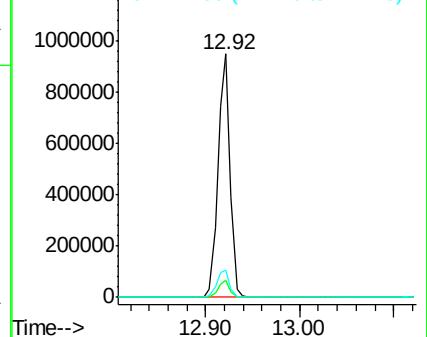
122 11.0 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101523.D

Acq: 19 Dec 2017 15:38

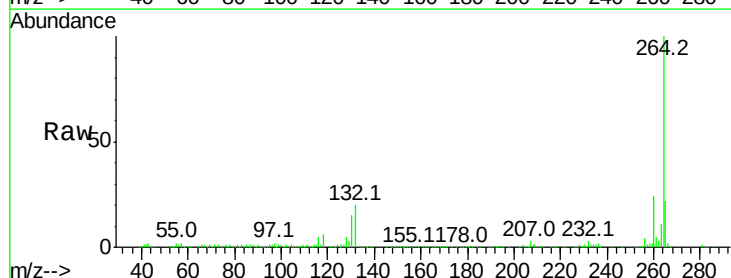
Tgt Ion:264 Resp: 292123

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

