

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032951.D
 Acq On : 2 Mar 2018 18:32
 Operator : SJ/JU
 Sample : J1774-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-17

Quant Time: Mar 02 23:53:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

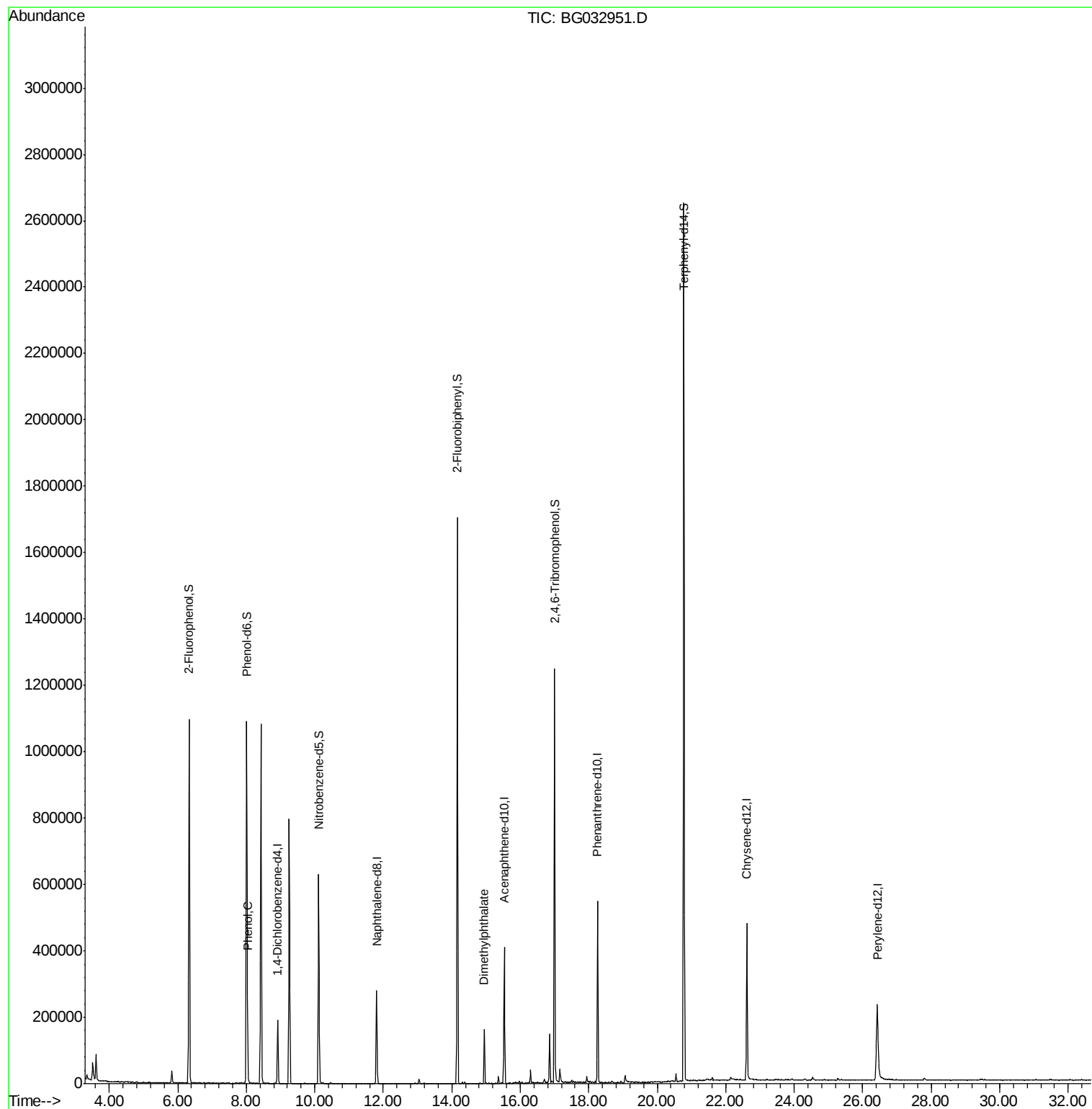
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57242	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	254872	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147022	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	334816	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315791	20.00	ng	0.00
86) Perylene-d12	26.43	264	310531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	517664	144.68	ng	0.00
7) Phenol-d6	8.01	99	697965	139.95	ng	0.00
23) Nitrobenzene-d5	10.12	82	415343	109.81	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220582	142.69	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	891707	87.47	ng	0.00
78) Terphenyl-d14	20.78	244	1256472	89.39	ng	0.00
Target Compounds						
10) Phenol	8.04	94	29095	5.787	ng	98
49) Dimethylphthalate	14.95	163	112078	8.978	ng	100

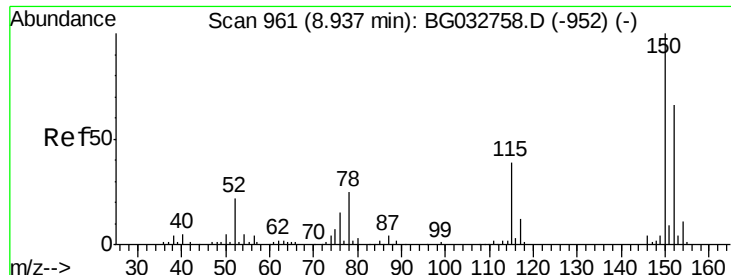
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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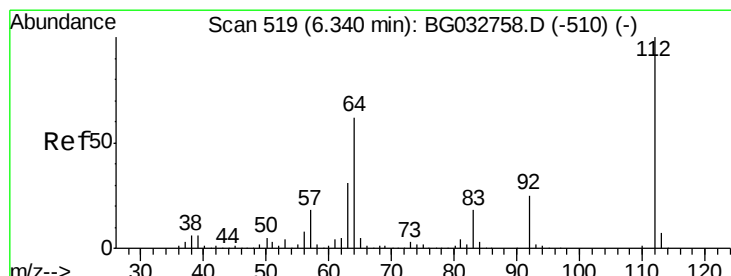
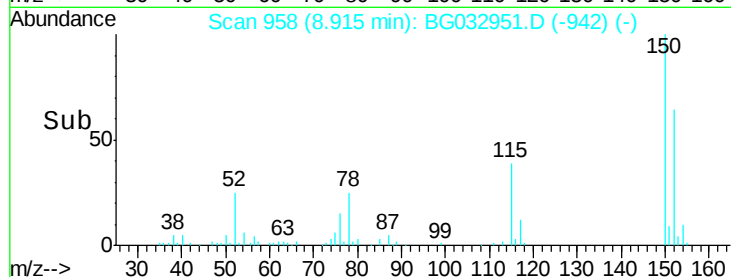
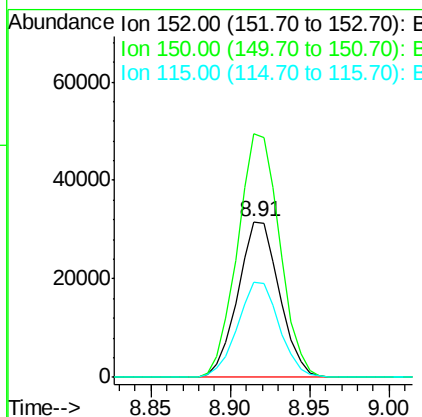
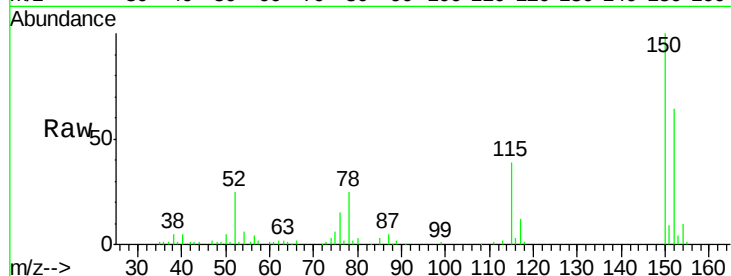


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17

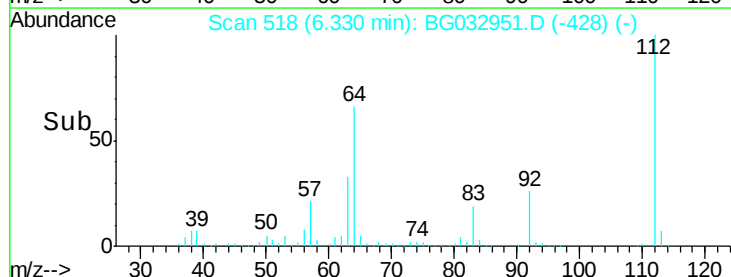
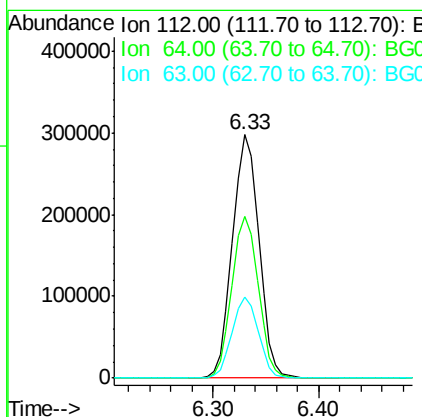
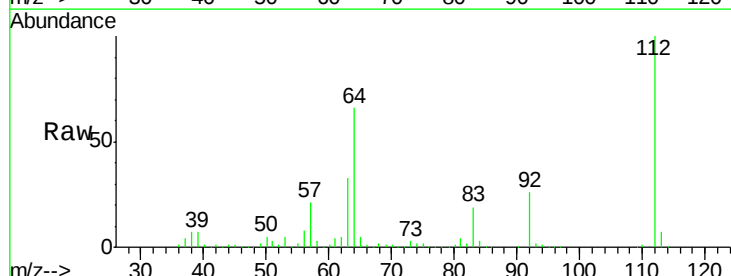
Tot Ion:152 Resp: 57242
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 61.1 53.0 79.4

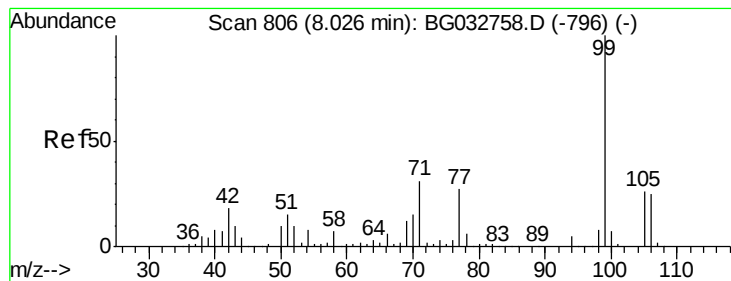


#5

2-Fluorophenol
Concen: 144.682 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion:112 Resp: 517664
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 139.952 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-17

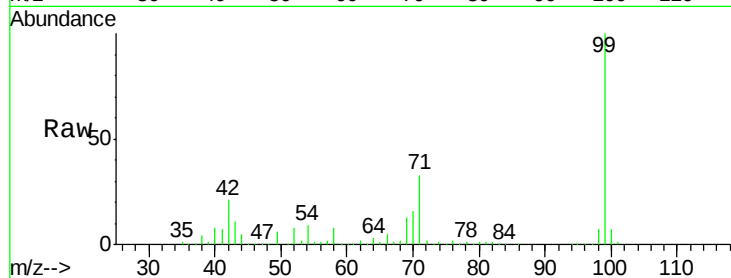
Tot Ion: 99 Resp: 697965

Ion Ratio Lower Upper

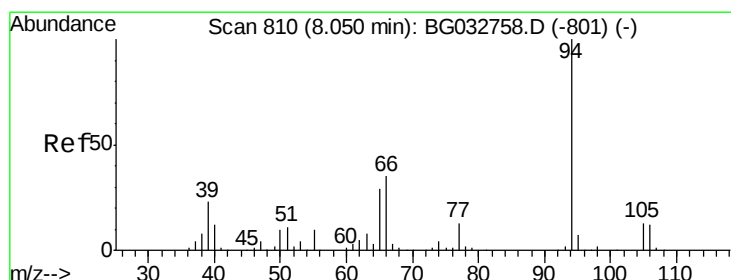
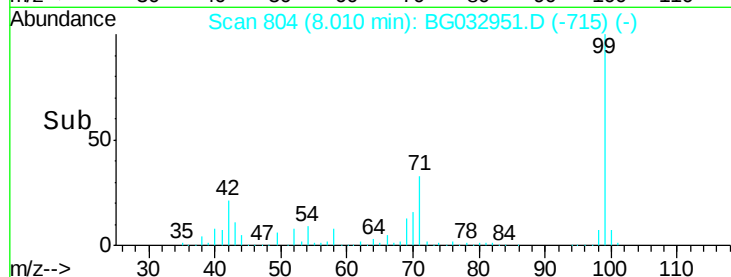
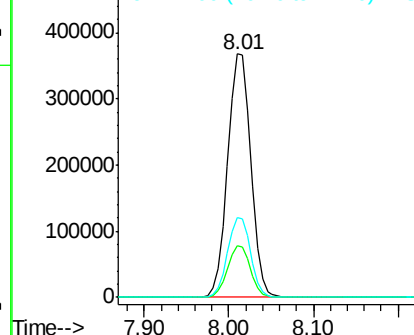
99 100

42 21.1 14.1 21.1#

71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 5.787 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

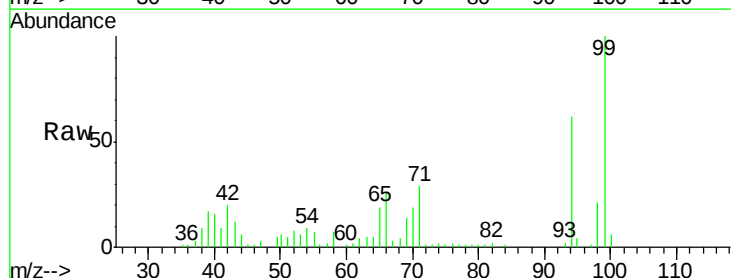
Tgt Ion: 94 Resp: 29095

Ion Ratio Lower Upper

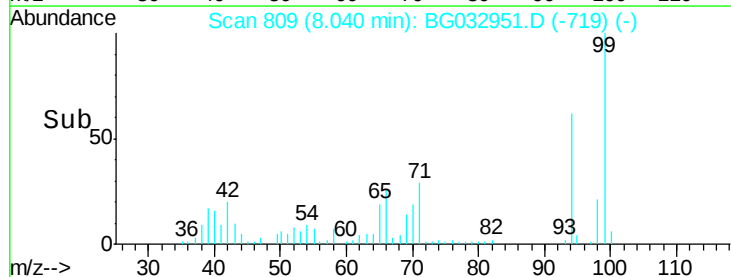
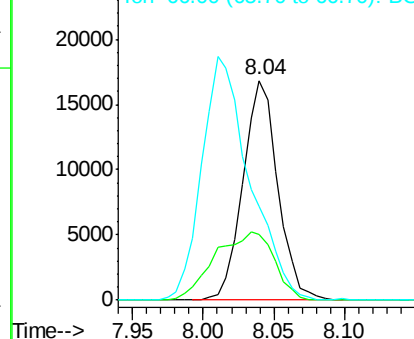
94 100

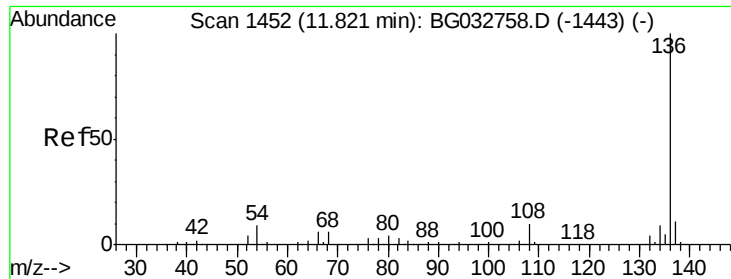
65 30.1 11.9 51.9

66 42.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

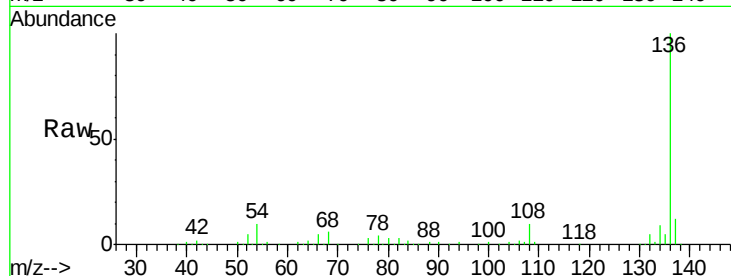




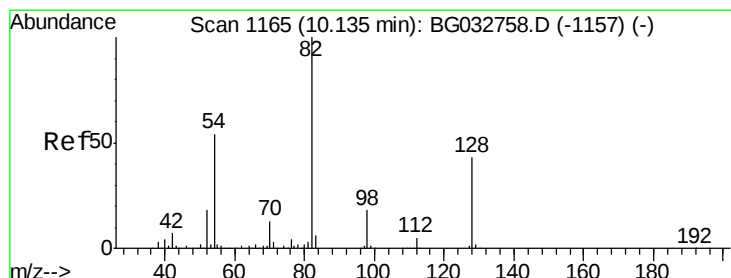
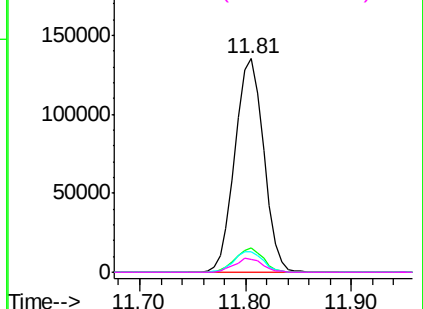
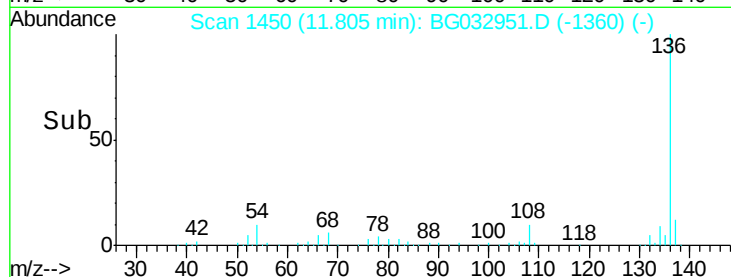
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-17

Tot Ion:136 Resp: 254872
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.9 10.3 15.5#
68 6.0 4.5 6.7

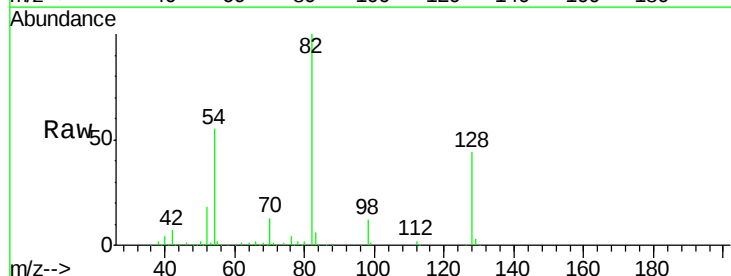


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

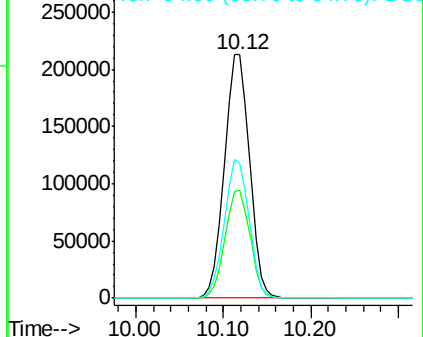
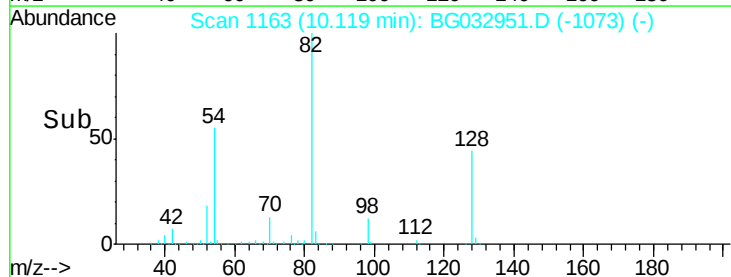


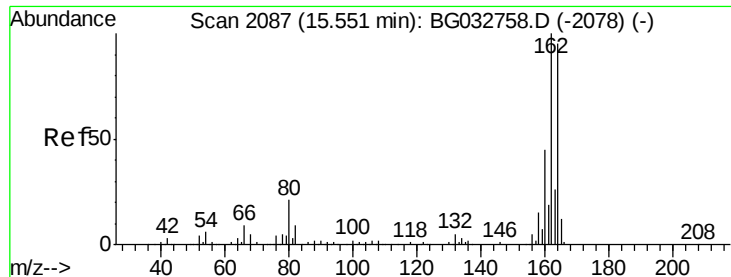
#23
Nitrobenzene-d5
Concen: 109.812 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion: 82 Resp: 415343
Ion Ratio Lower Upper
82 100
128 44.4 29.7 44.5
54 55.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-17

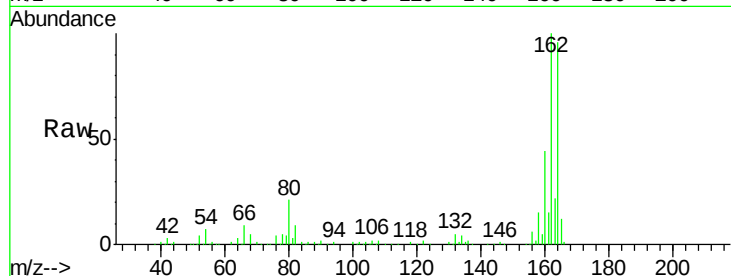
Tot Ion:164 Resp: 147022

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

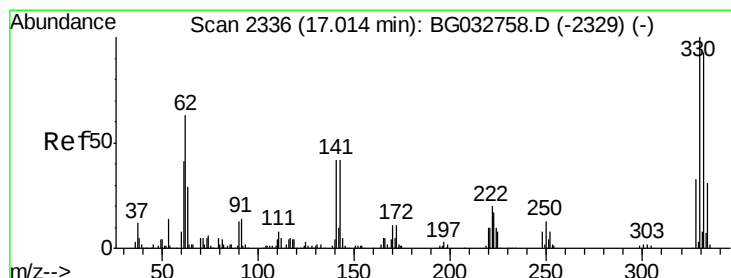
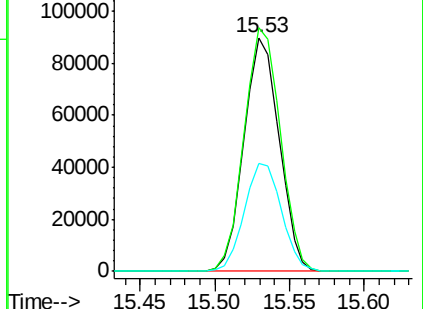
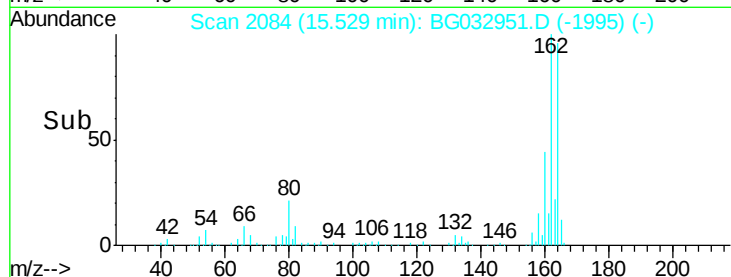
160 46.0 35.4 53.0



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: 142.690 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

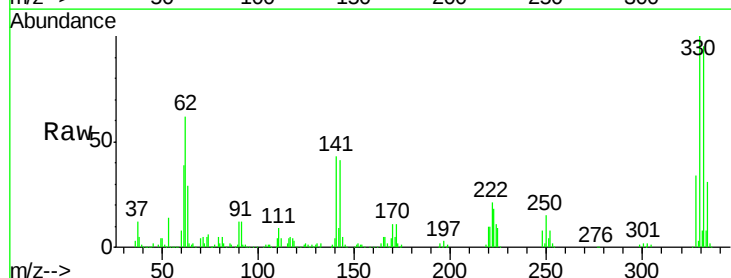
Tgt Ion:330 Resp: 220582

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

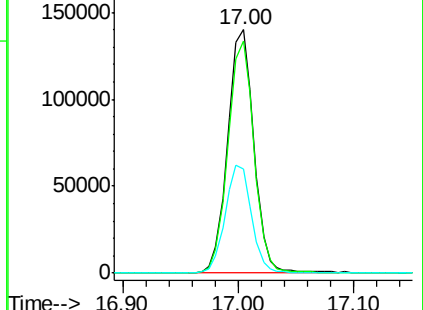
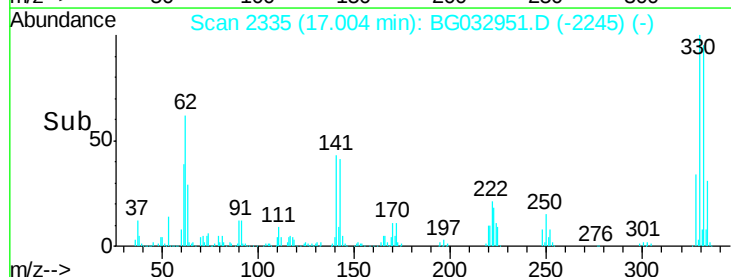
141 44.7 25.2 37.8#

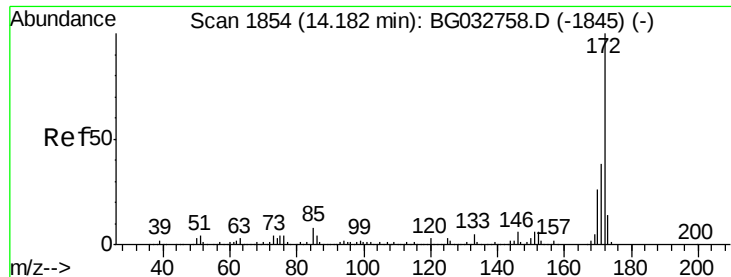


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

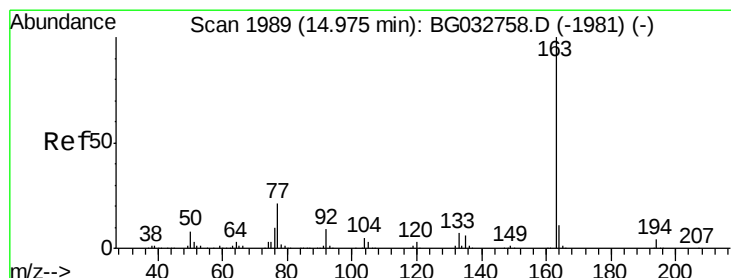
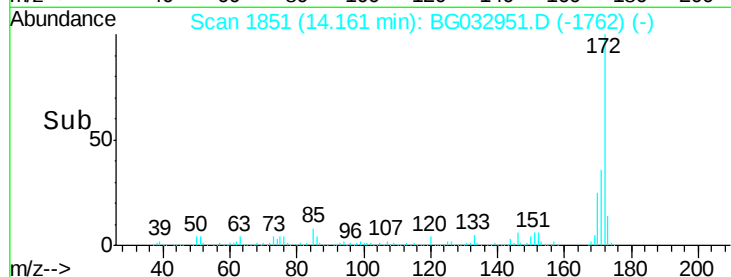
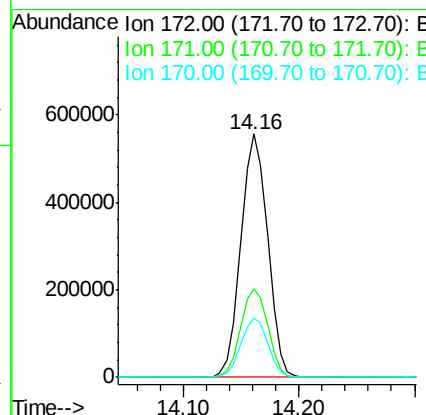
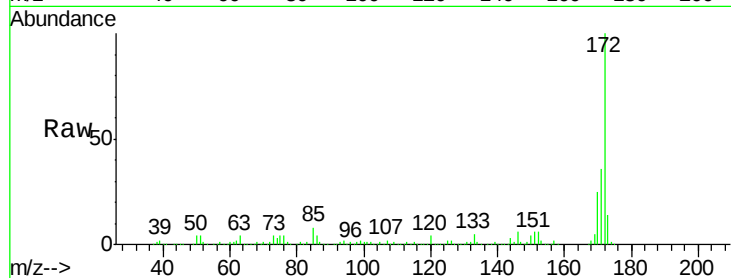




#44
2-Fluorobiphenyl
Concen: 87.474 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

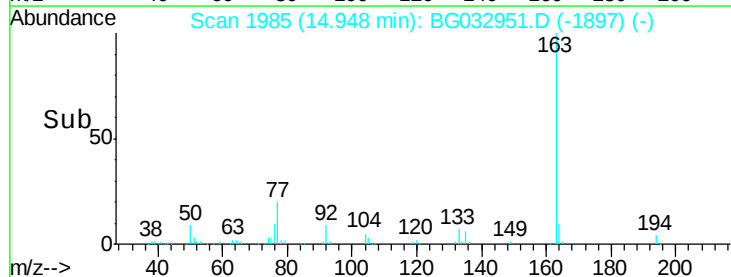
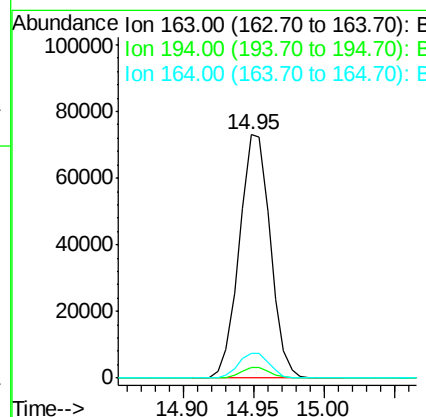
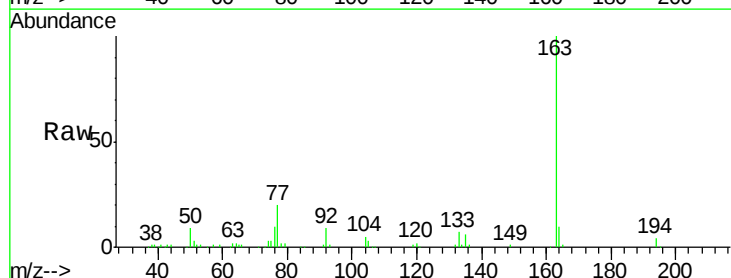
Instrument :
BNA_G
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CLEAN-SAND-17

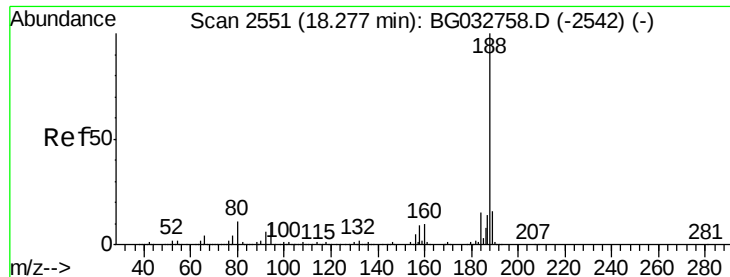
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.6	19.5	29.3



#49
Dimethylphthalate
Concen: 8.978 ng
RT: 14.95 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG032951.D
Acq: 2 Mar 2018 18:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-17

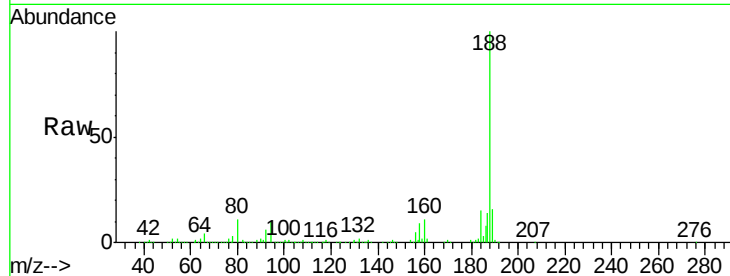
Tot Ion:188 Resp: 334816

Ion Ratio Lower Upper

188 100

94 10.4 6.9 10.3#

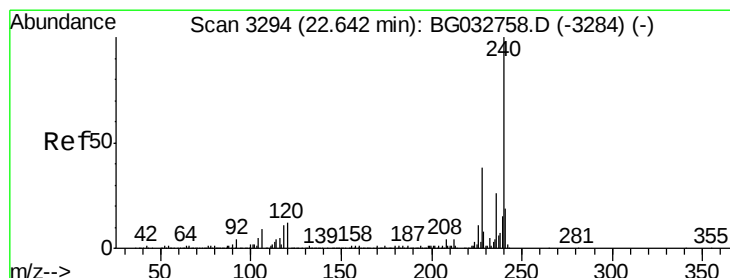
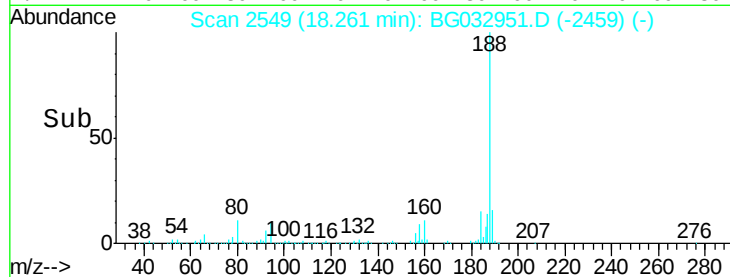
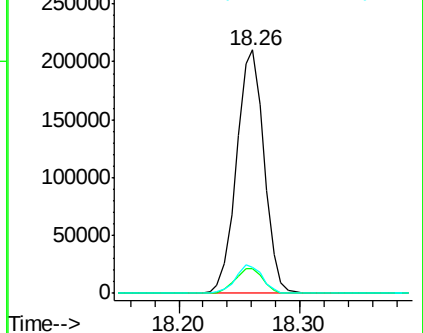
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

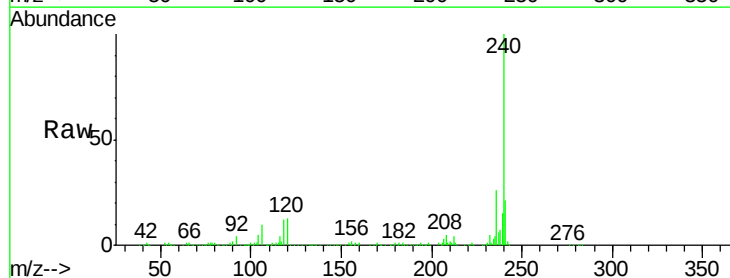
Tgt Ion:240 Resp: 315791

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

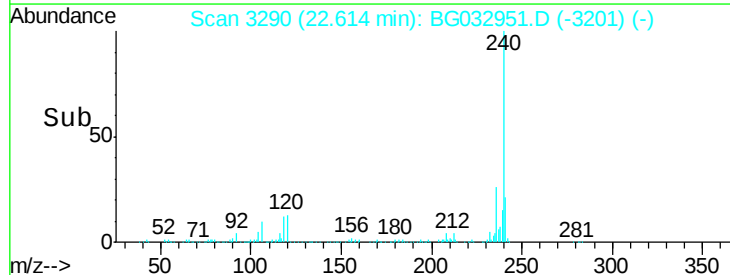
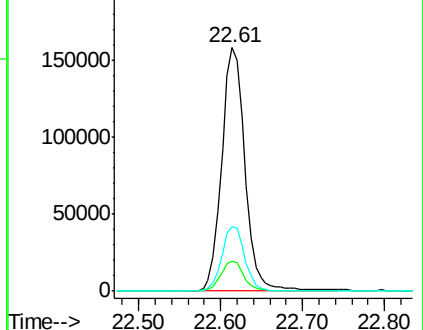
236 26.2 20.9 31.3

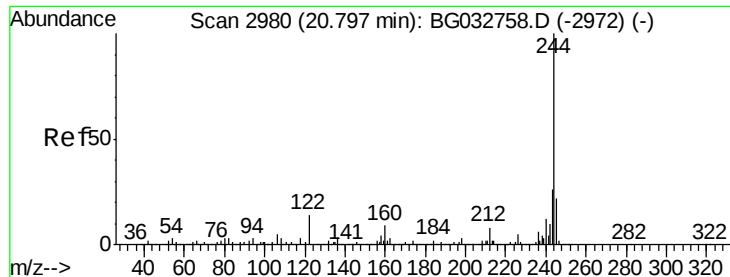


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.393 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

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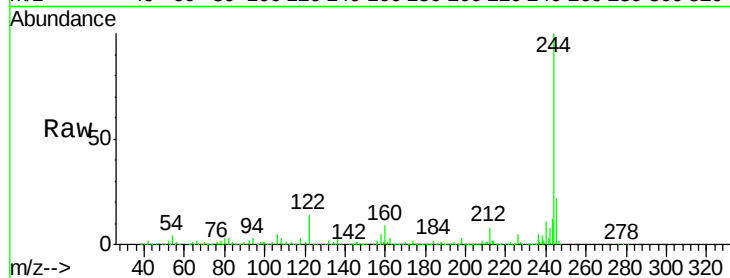
Tot Ion:244 Resp: 1256472

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

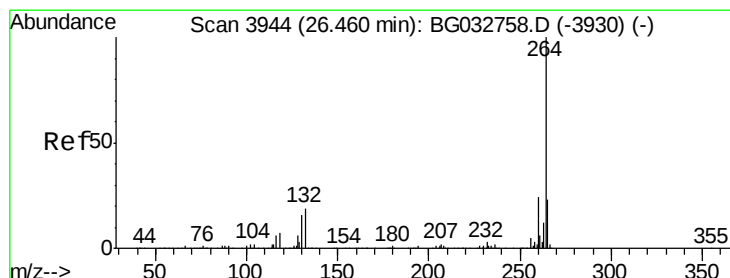
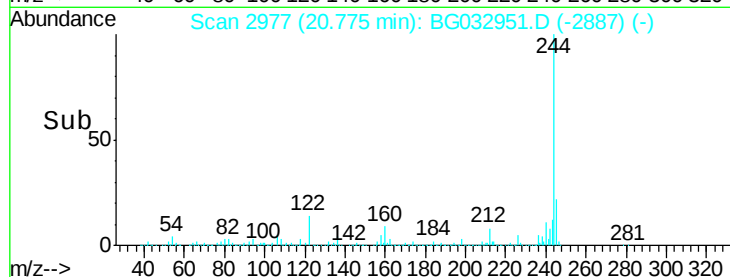
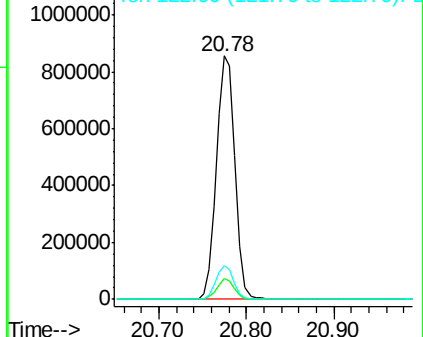
122 13.9 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.00 min

Lab File: BG032951.D

Acq: 2 Mar 2018 18:32

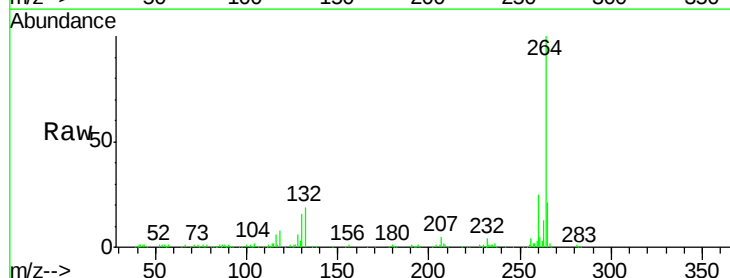
Tgt Ion:264 Resp: 310531

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 20.6 17.7 26.5



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

