

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032511.D
 Acq On : 2 Feb 2018 14:29
 Operator : SJ/JU
 Sample : J1430-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(5-10)

Quant Time: Feb 02 22:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

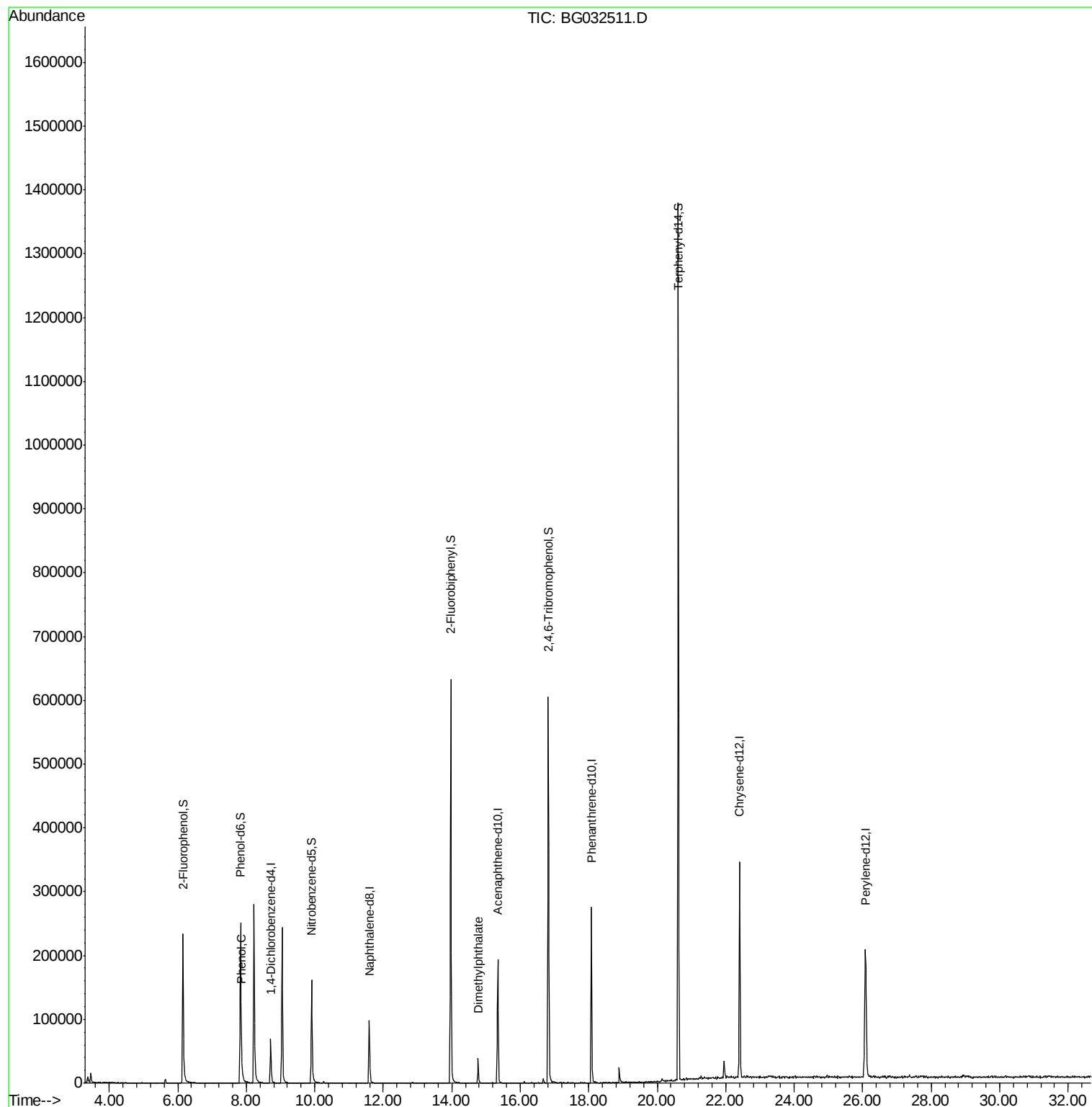
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27054	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	109593	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	79716	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	205664	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	265995	20.00	ng	-0.01
86) Perylene-d12	26.08	264	283303	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	137156	101.83	ng	0.00
7) Phenol-d6	7.83	99	178725	99.44	ng	0.00
23) Nitrobenzene-d5	9.91	82	113698	64.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	149472	98.51	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	404551	60.32	ng	-0.02
78) Terphenyl-d14	20.62	244	739453	59.55	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	6453	3.781	ng	# 60
49) Dimethylphthalate	14.77	163	32606	4.436	ng	# 97

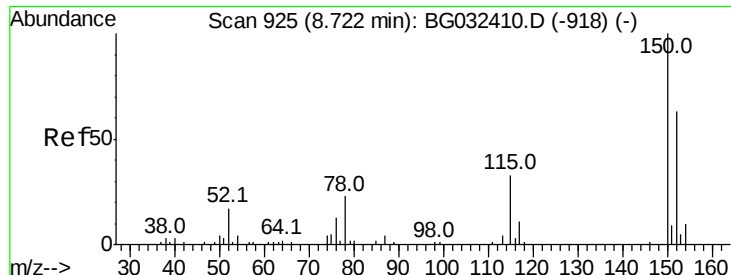
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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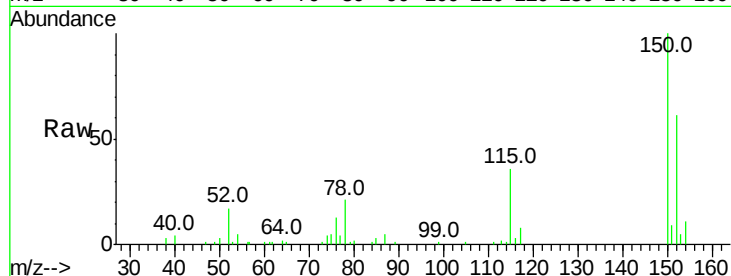


#1

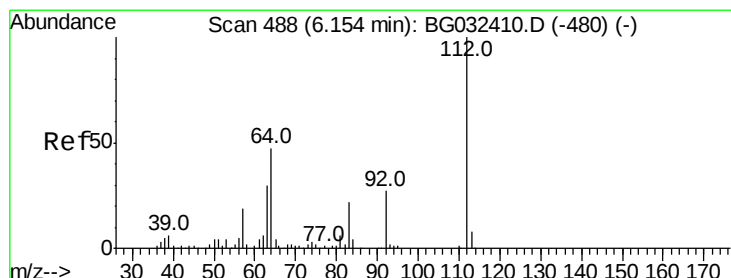
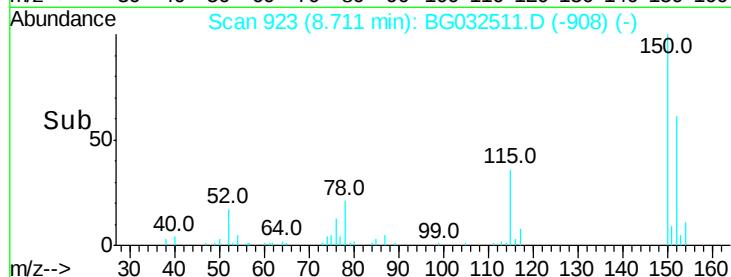
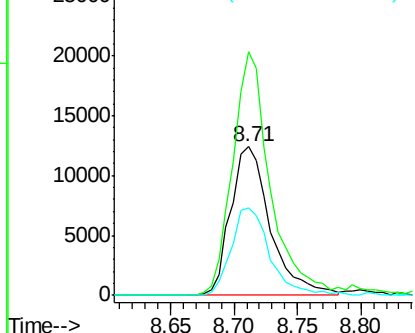
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(5-10)

Tot Ion:152 Resp: 27054
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 58.7 53.0 79.4



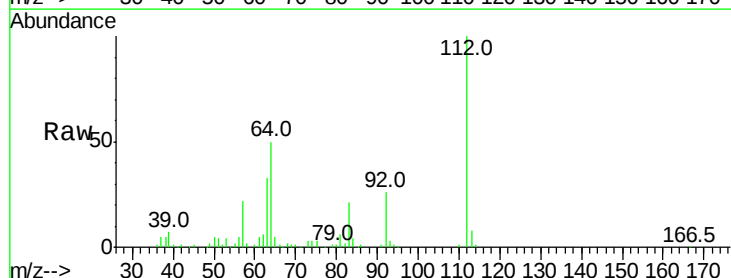
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



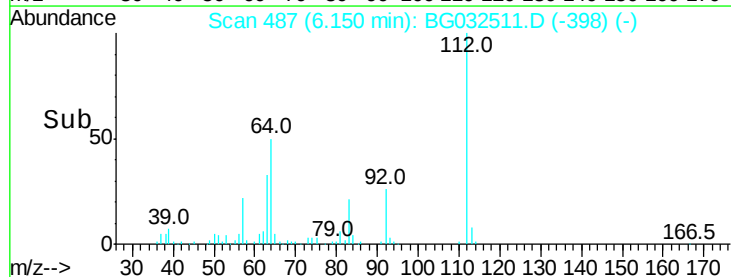
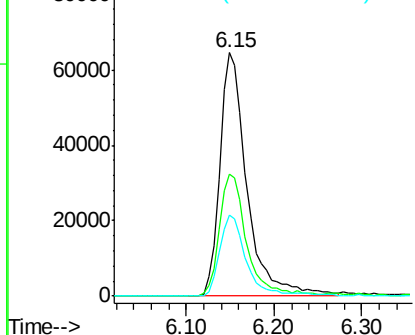
#5

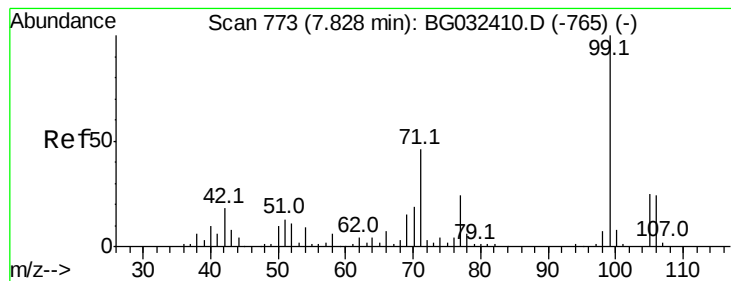
2-Fluorophenol
Concen: 101.828 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:112 Resp: 137156
Ion Ratio Lower Upper
112 100
64 50.2 56.3 84.5#
63 33.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.437 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(5-10)

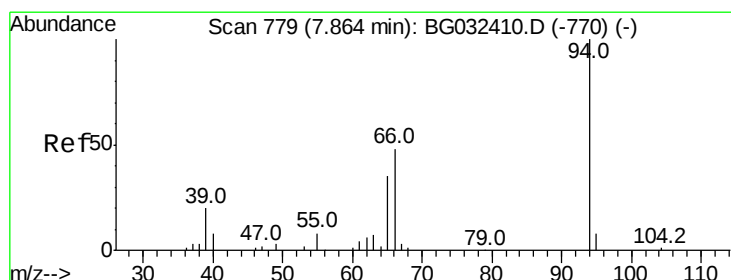
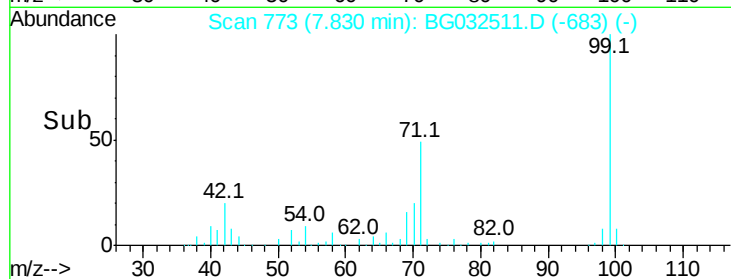
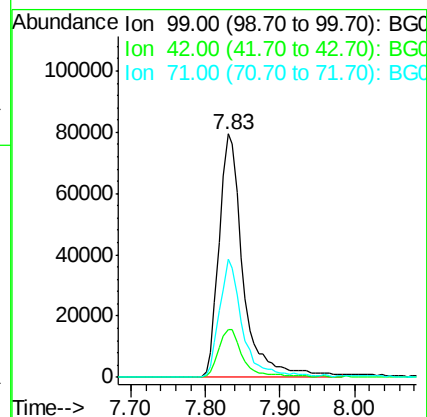
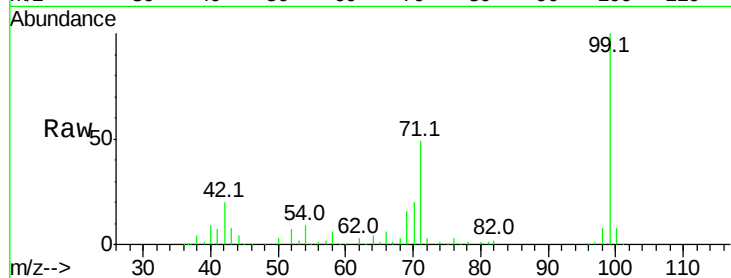
Tot Ion: 99 Resp: 178725

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 48.6 26.1 39.1#



#10

Phenol

Concen: 3.781 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

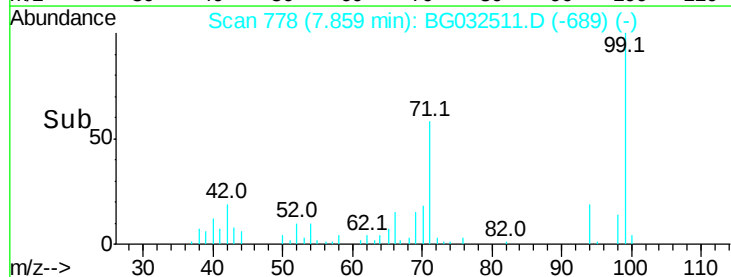
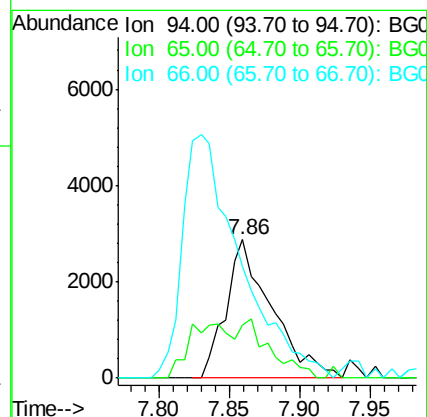
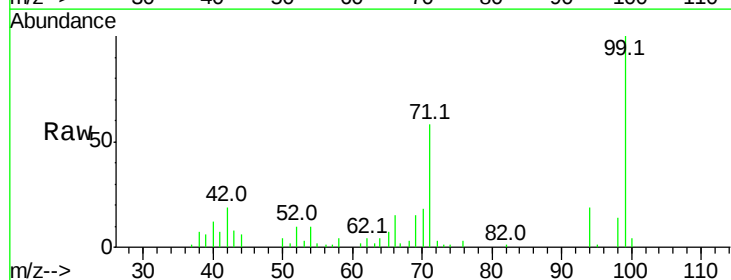
Tgt Ion: 94 Resp: 6453

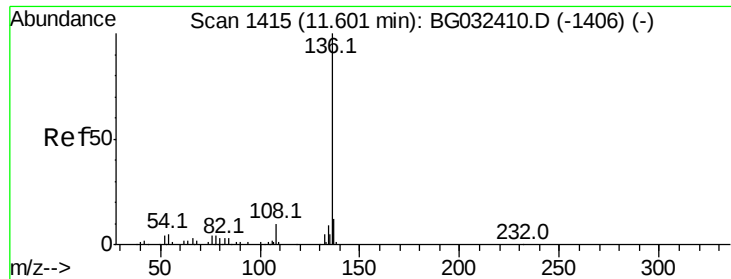
Ion Ratio Lower Upper

94 100

65 38.1 11.9 51.9

66 81.0 22.2 62.2#

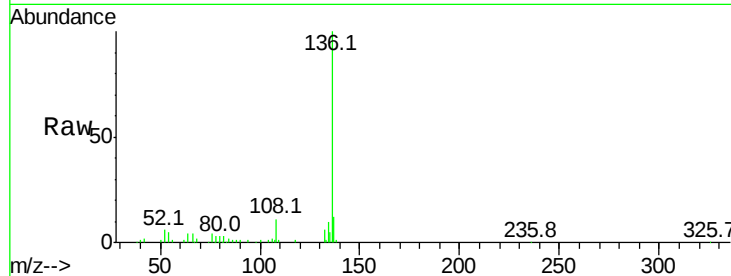




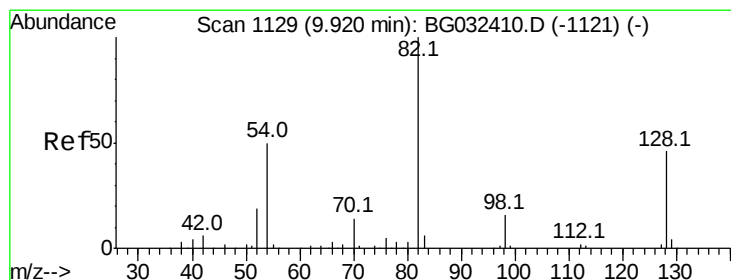
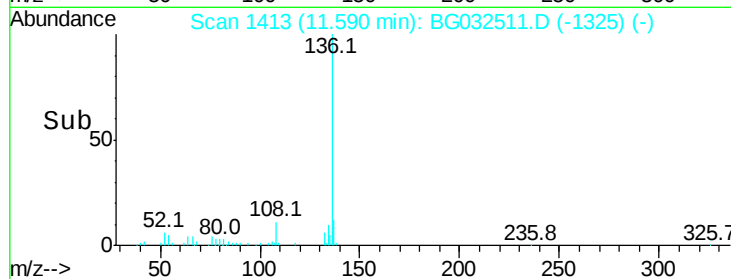
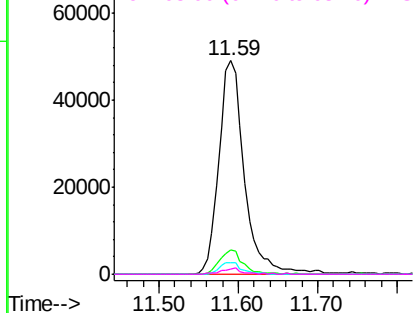
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(5-10)

Tot Ion:	136	Resp:	109593
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.4	10.3	15.5#
68	2.2	4.5	6.7#

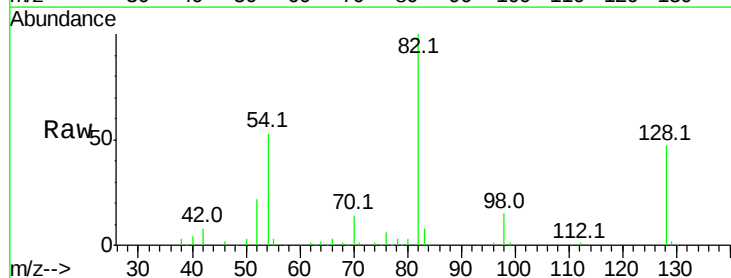


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

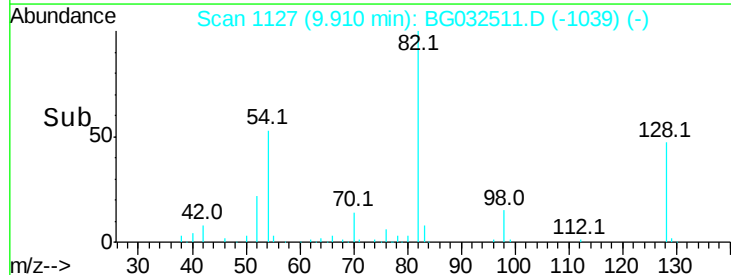
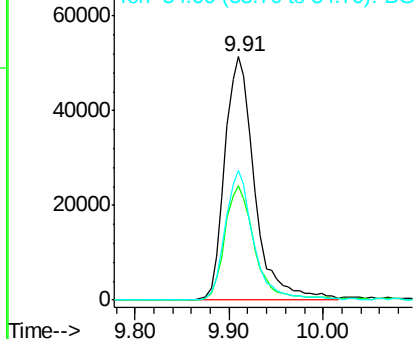


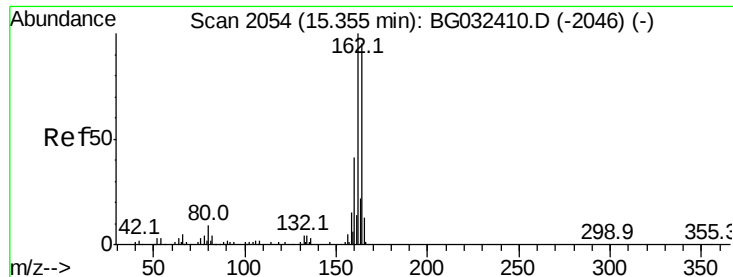
#23
Nitrobenzene-d5
Concen: 64.800 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:	82	Resp:	113698
Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	53.4	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Instrument :

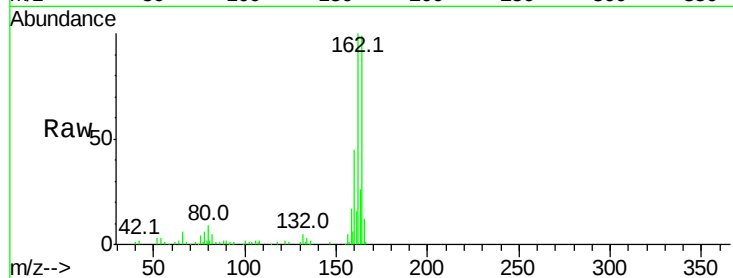
BNA_G

ClientSampleId :

EPE-125-7A(5-10)

Tot Ion:164 Resp: 79716

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	45.0	35.4	53.0

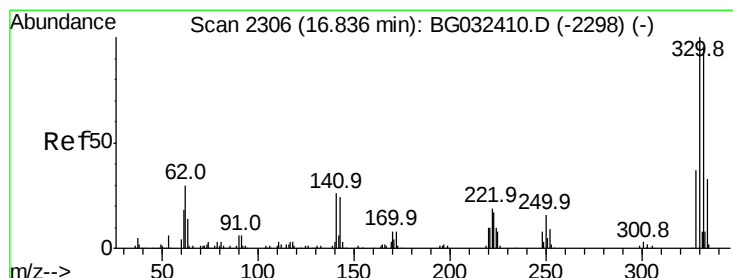
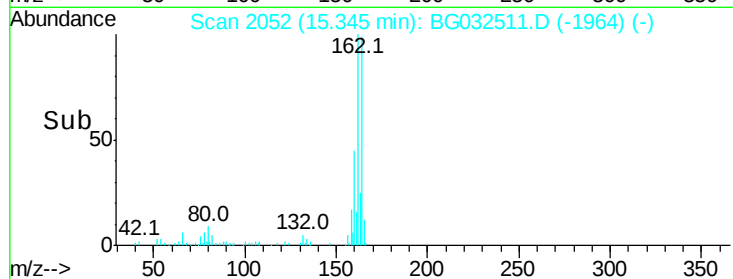
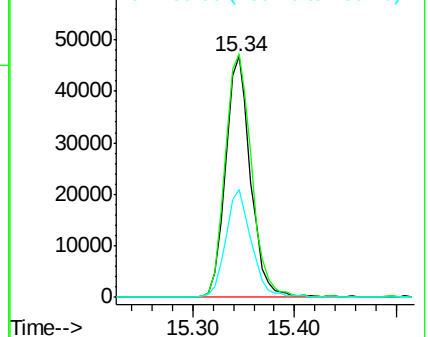


Abundance

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: 98.506 ng

RT: 16.82 min Scan# 2303

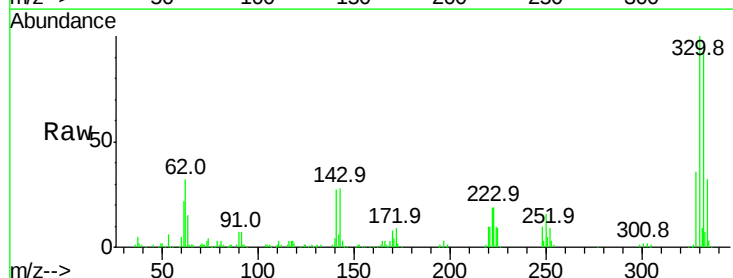
Delta R.T. -0.02 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Tgt Ion:330 Resp: 149472

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.0	25.2	37.8

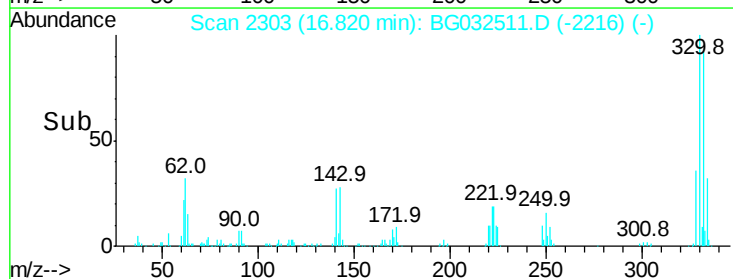
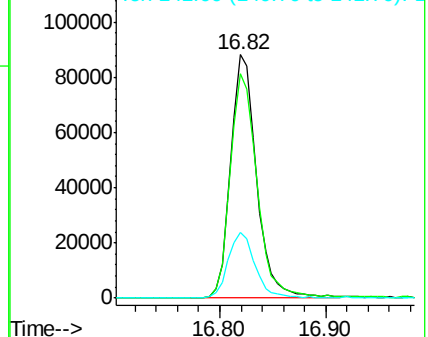


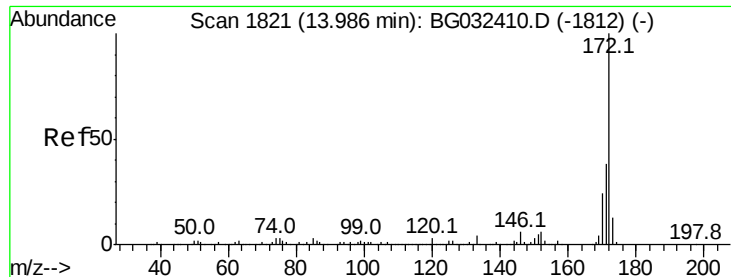
Abundance

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

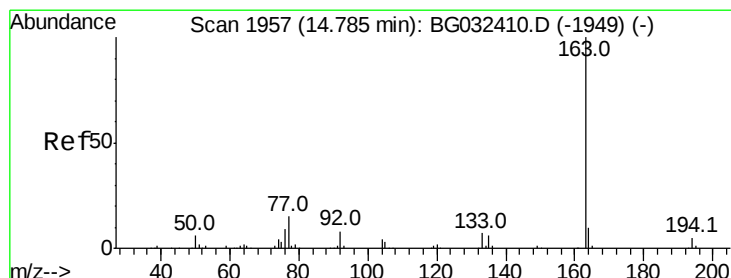
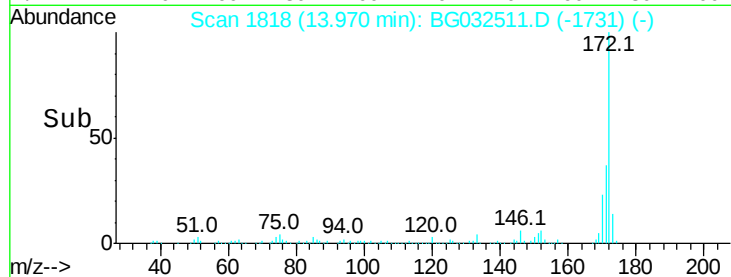
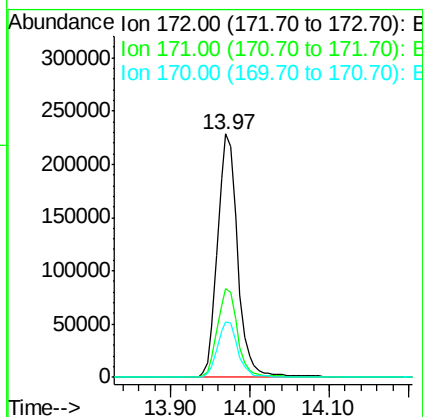
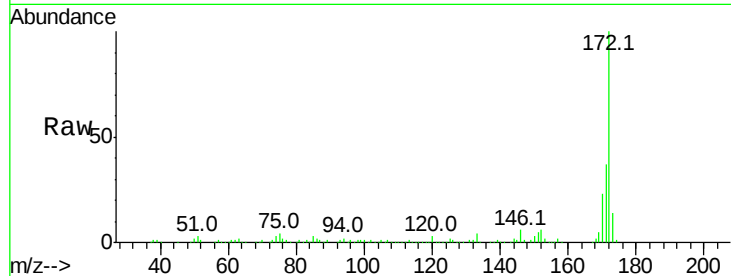




#44
2-Fluorobiphenyl
Concen: 60.319 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

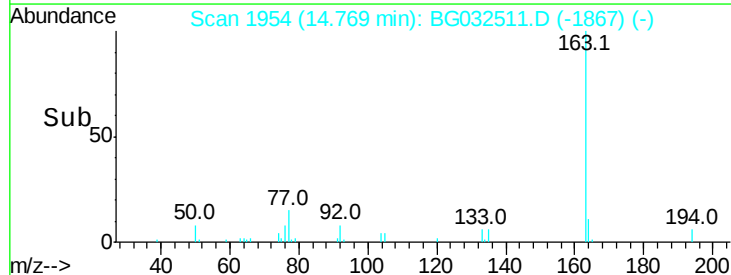
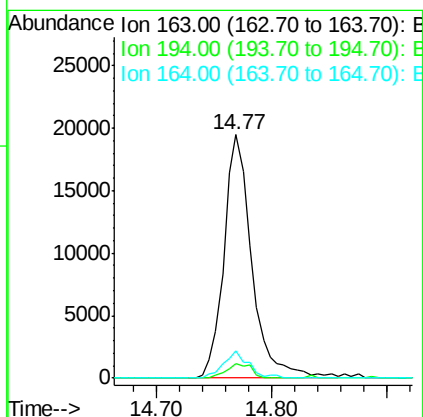
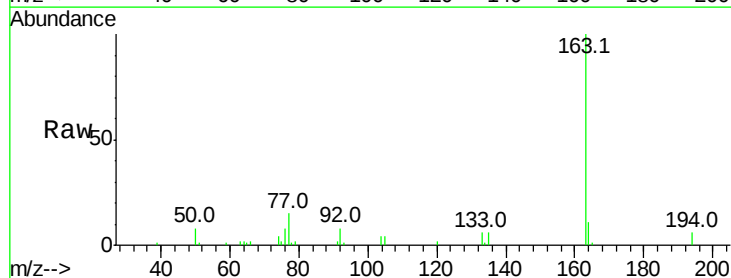
Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(5-10)

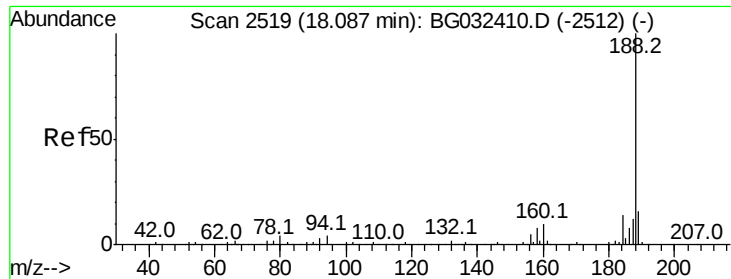
Tot Ion:172 Resp: 404551
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 22.9 19.5 29.3



#49
Dimethylphthalate
Concen: 4.436 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:163 Resp: 32606
Ion Ratio Lower Upper
163 100
194 5.9 3.4 5.2#
164 11.3 8.2 12.4

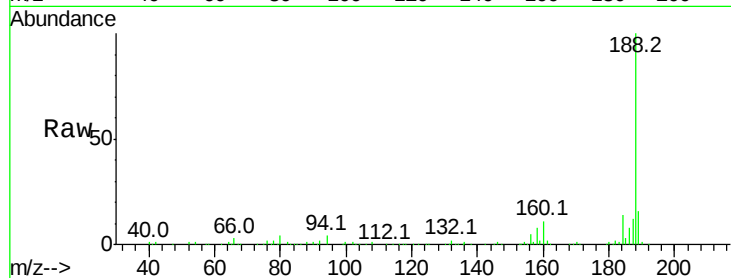




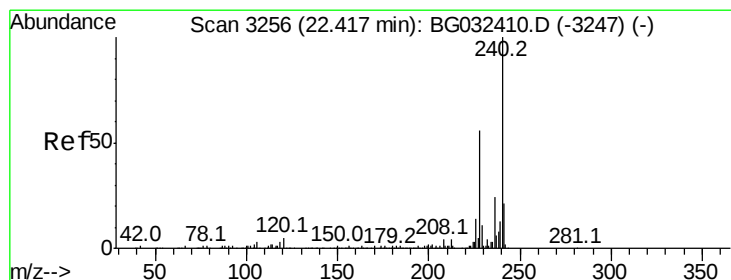
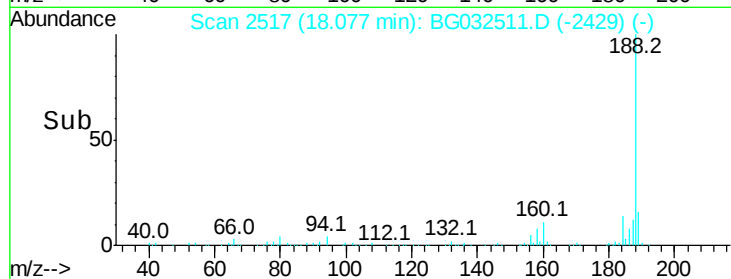
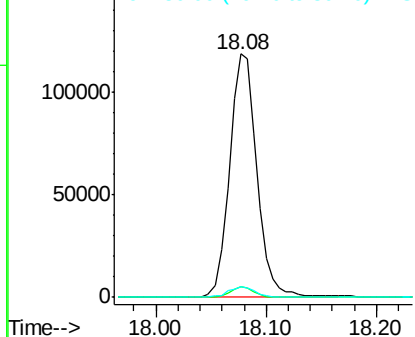
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(5-10)

Tot Ion:188 Resp: 205664
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.2 7.7 11.5#

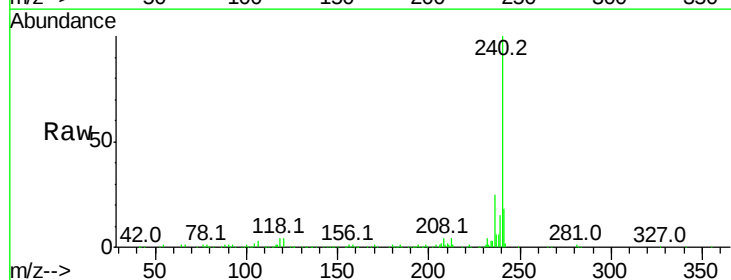


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

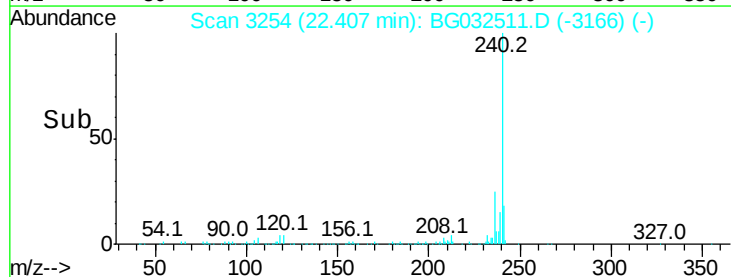
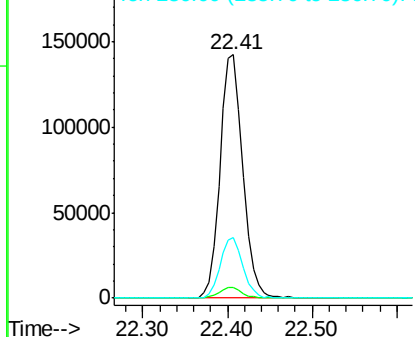


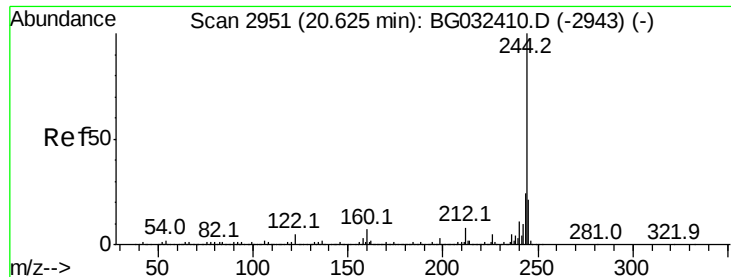
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032511.D
Acq: 2 Feb 2018 14:29

Tgt Ion:240 Resp: 265995
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.8 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: 59.549 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(5-10)

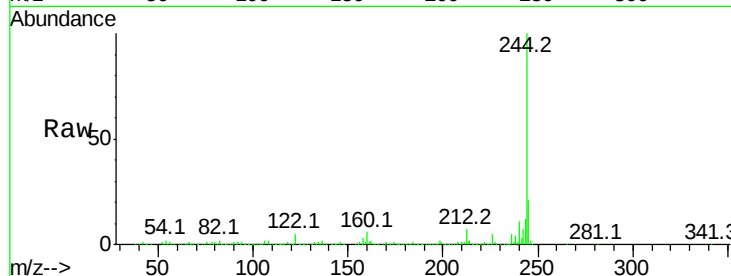
Tot Ion:244 Resp: 739453

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

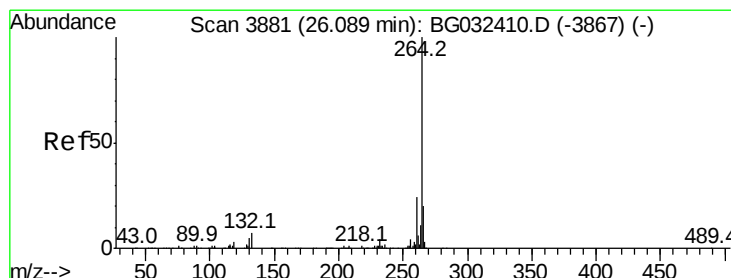
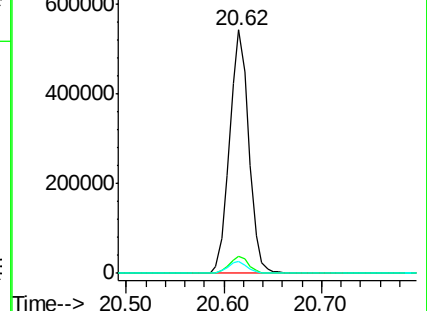
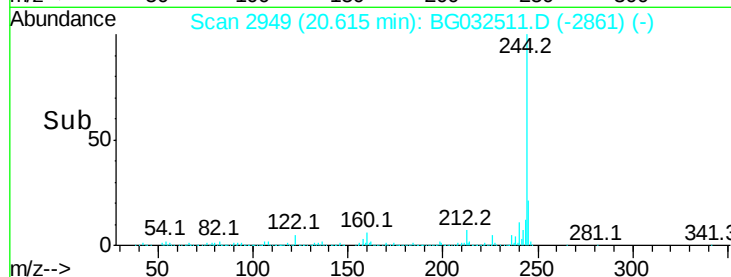
122 5.0 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032511.D

Acq: 2 Feb 2018 14:29

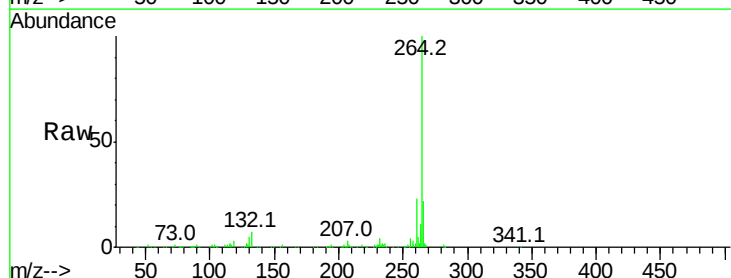
Tgt Ion:264 Resp: 283303

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.3 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

