

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030680.D
 Acq On : 3 Nov 2017 2:17
 Operator : SJ/JU
 Sample : I6280-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-110-1(40-42)

Quant Time: Nov 03 04:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

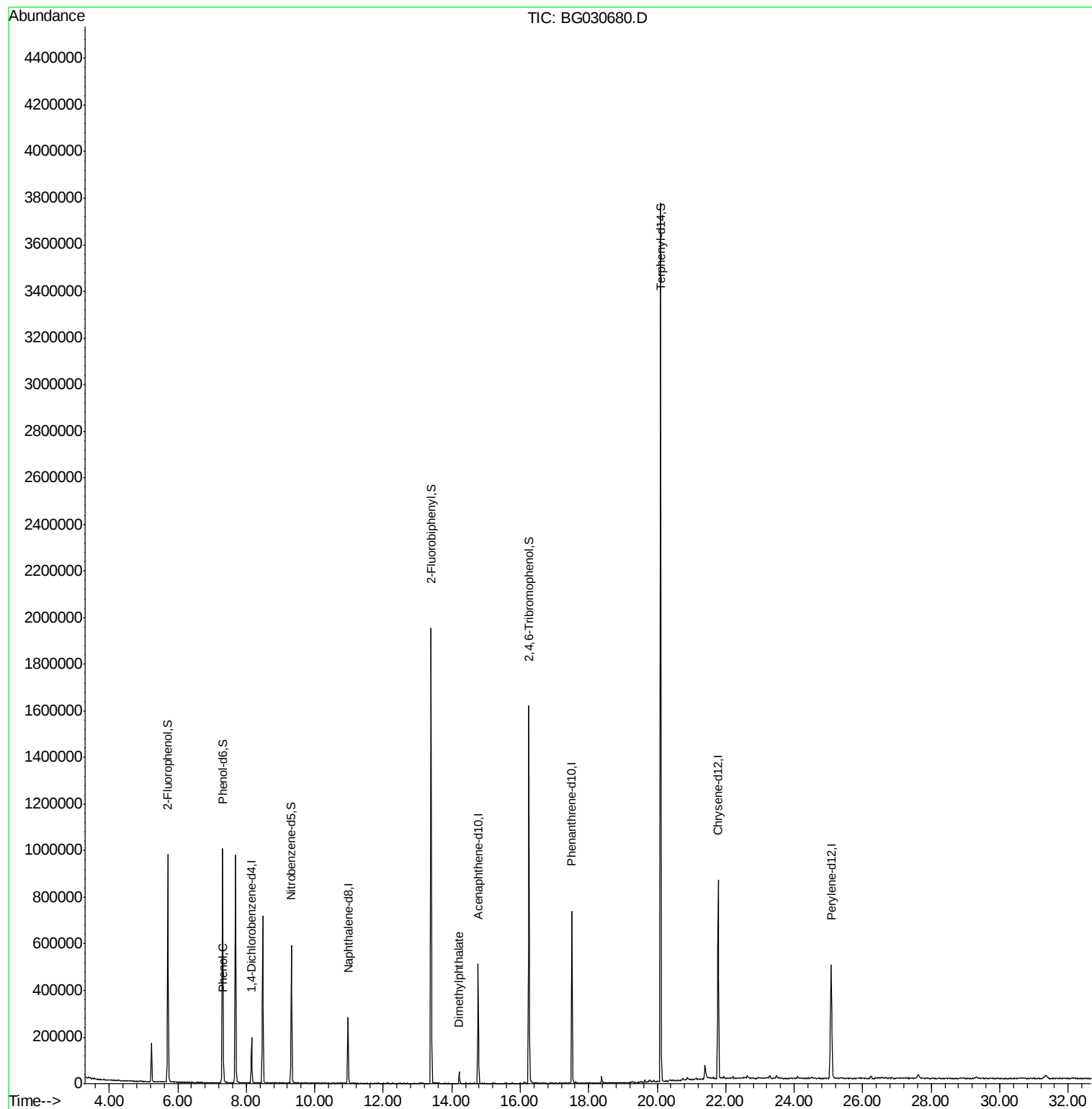
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57027	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	259966	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	185550	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	470012	20.00	ng	0.00
75) Chrysene-d12	21.78	240	532145	20.00	ng	-0.01
86) Perylene-d12	25.08	264	539427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	459866	134.71	ng	0.00
7) Phenol-d6	7.31	99	624497	130.33	ng	-0.01
23) Nitrobenzene-d5	9.32	82	366075	89.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	340570	142.16	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1055052	83.40	ng	0.00
78) Terphenyl-d14	20.10	244	1762611	75.35	ng	0.00
Target Compounds						
10) Phenol	7.34	94	19939	3.860	ng	97
49) Dimethylphthalate	14.22	163	40601	2.804	ng	96

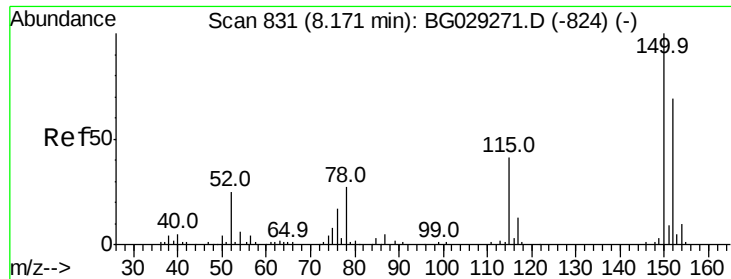
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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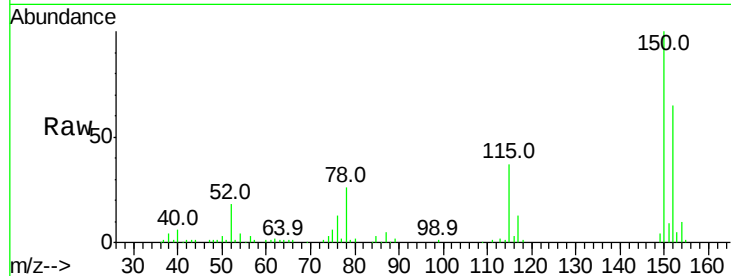


#1

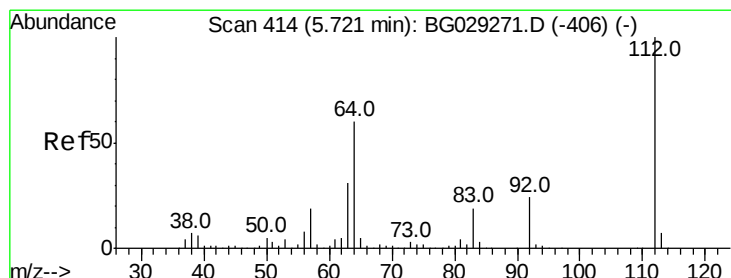
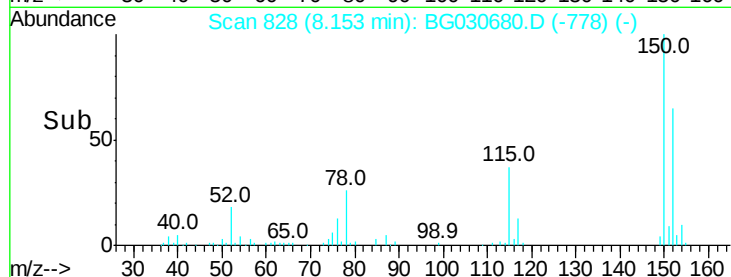
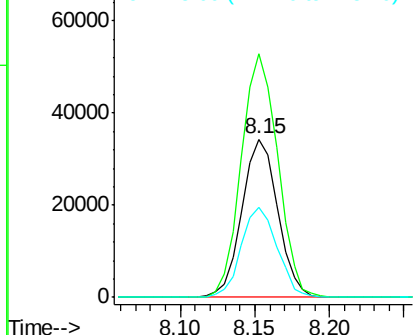
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

Instrument :
BNA_G
ClientSampleId :
EPE-110-1(40-42)

Tot Ion:152 Resp: 57027
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 56.8 53.0 79.4



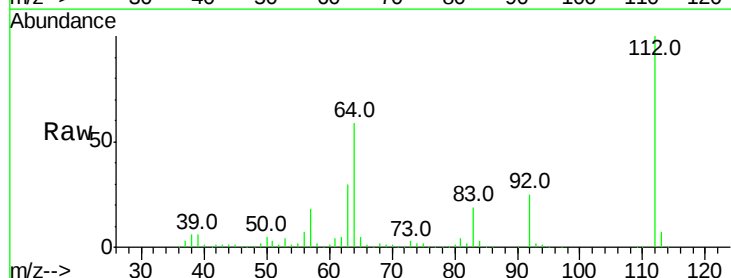
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



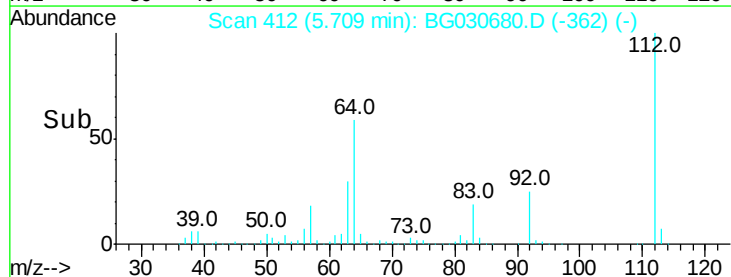
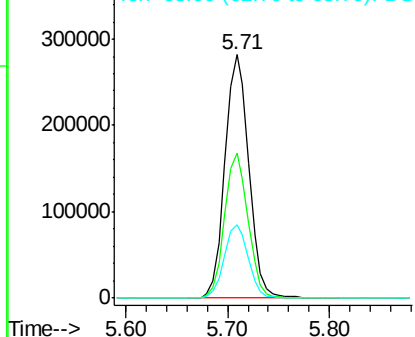
#5

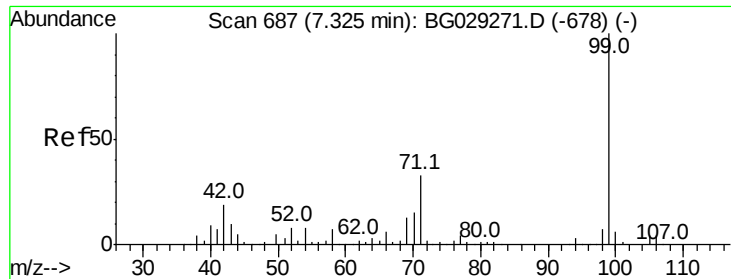
2-Fluorophenol
Concen: 134.713 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

Tgt Ion:112 Resp: 459866
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 30.2 30.1 45.1



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





#7

Phenol-d6

Concen: 130.331 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030680.D

Acq: 3 Nov 2017 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-110-1(40-42)

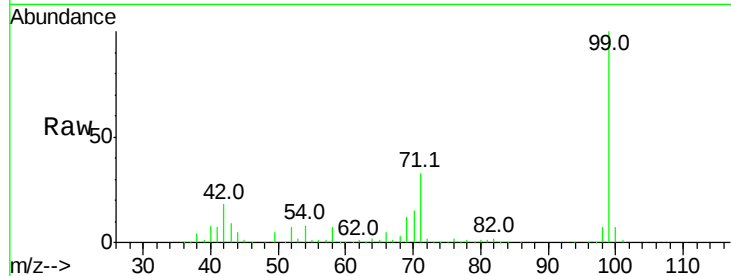
Tot Ion: 99 Resp: 624497

Ion Ratio Lower Upper

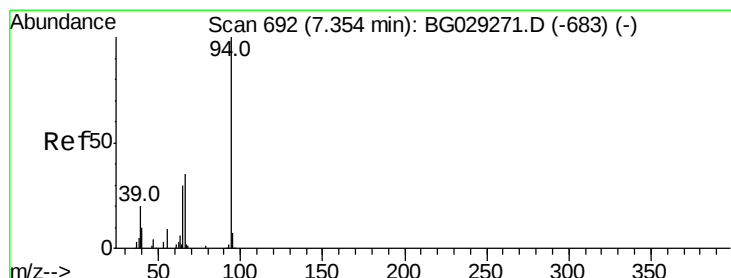
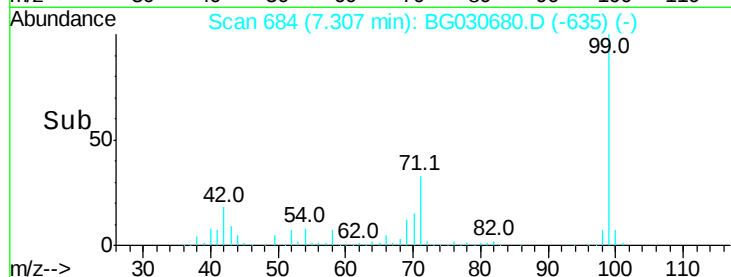
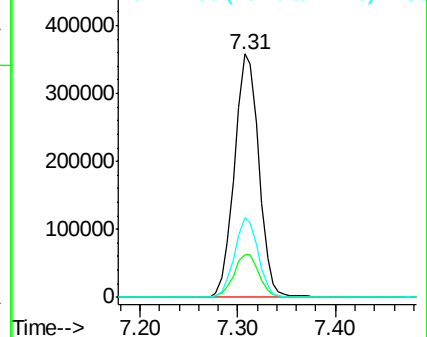
99 100

42 17.8 14.1 21.1

71 32.8 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: 3.860 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG030680.D

Acq: 3 Nov 2017 2:17

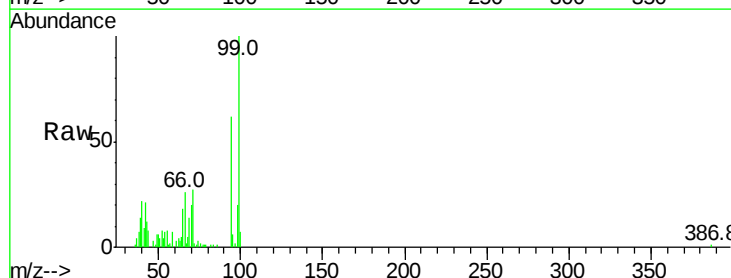
Tgt Ion: 94 Resp: 19939

Ion Ratio Lower Upper

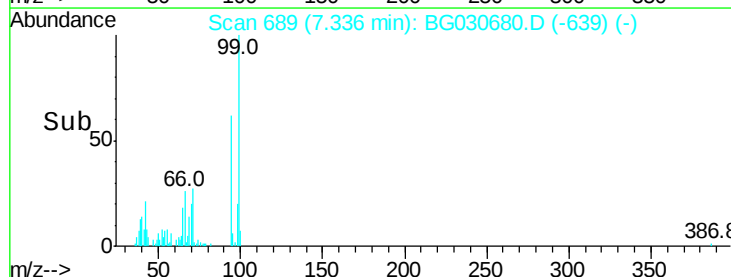
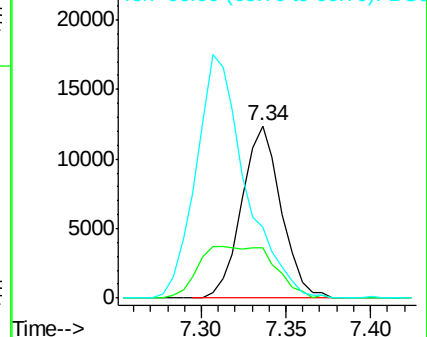
94 100

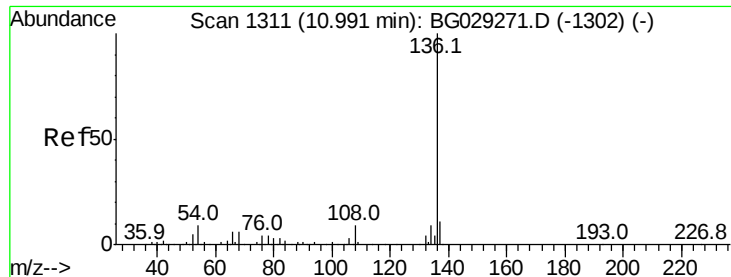
65 29.2 11.9 51.9

66 41.5 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

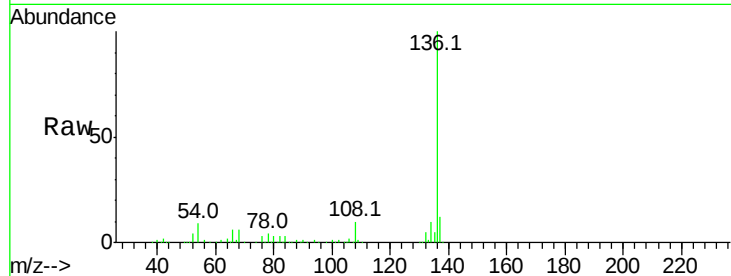




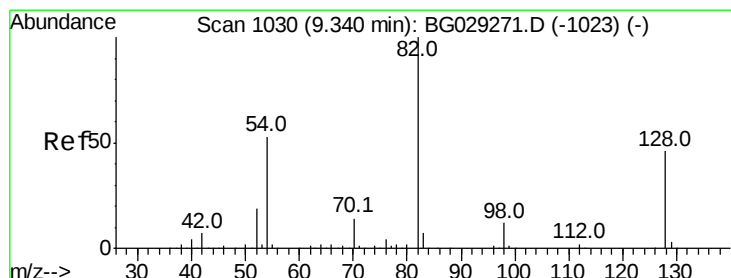
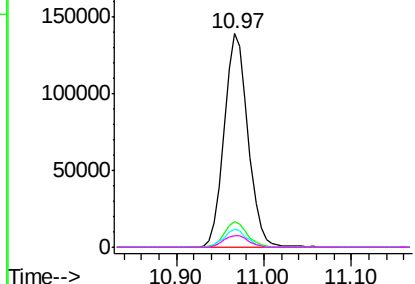
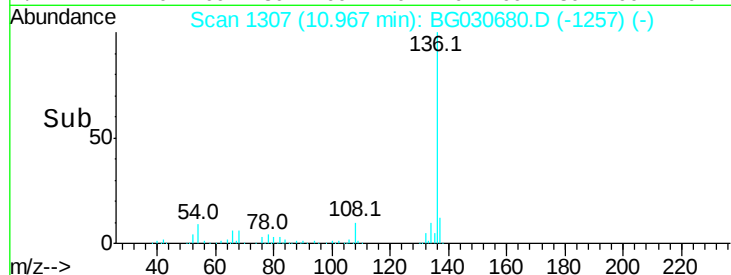
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

Instrument :
BNA_G
ClientSampleId :
EPE-110-1(40-42)

Tot Ion:136	Resp: 259966
Ion Ratio	Lower Upper
136 100	
137 11.8	9.2 13.8
54 8.5	10.3 15.5#
68 5.7	4.5 6.7

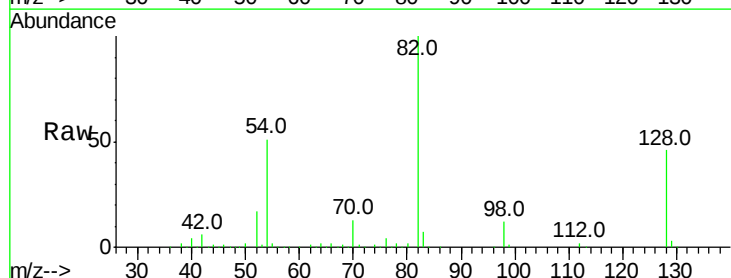


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

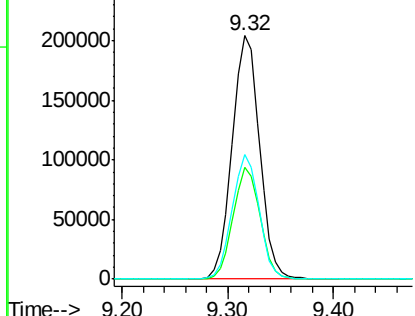
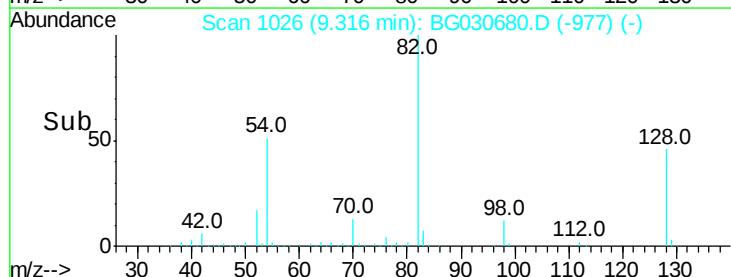


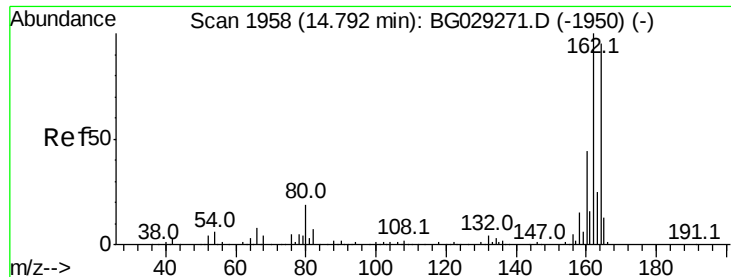
#23
Nitrobenzene-d5
Concen: 89.485 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

Tgt Ion: 82	Resp: 366075
Ion Ratio	Lower Upper
82 100	
128 45.7	29.7 44.5#
54 51.4	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: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG030680.D

Acq: 3 Nov 2017 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-110-1(40-42)

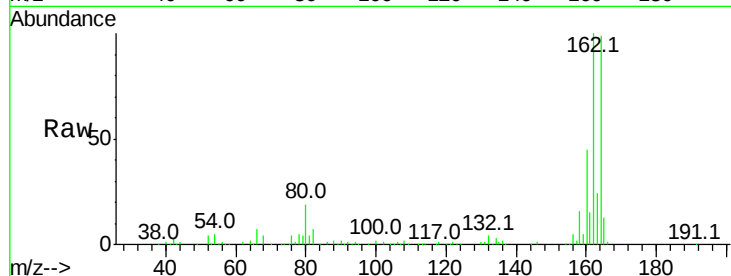
Tot Ion:164 Resp: 185550

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

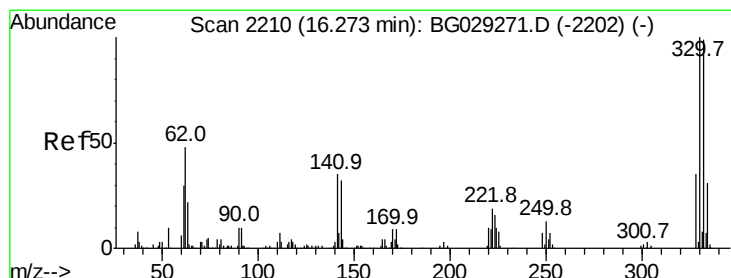
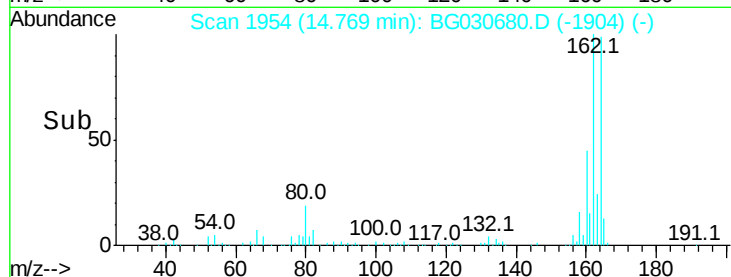
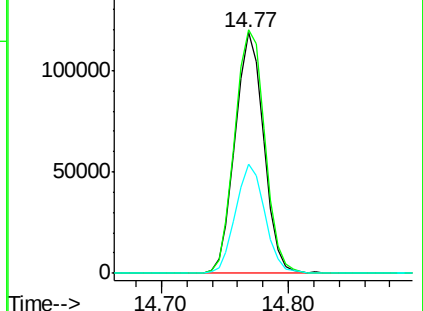
160 45.6 35.4 53.0



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: 142.162 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG030680.D

Acq: 3 Nov 2017 2:17

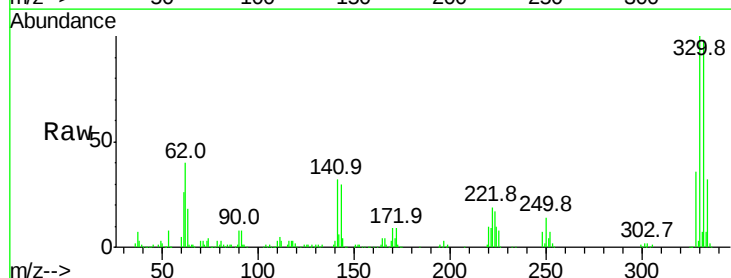
Tgt Ion:330 Resp: 340570

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

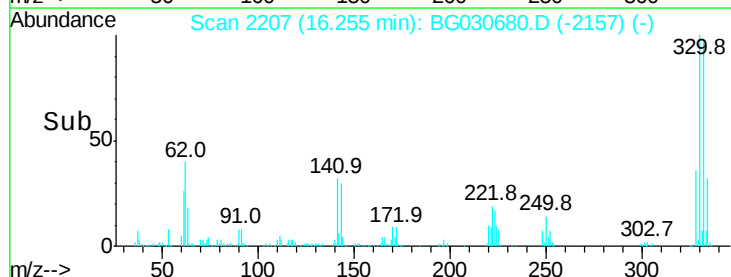
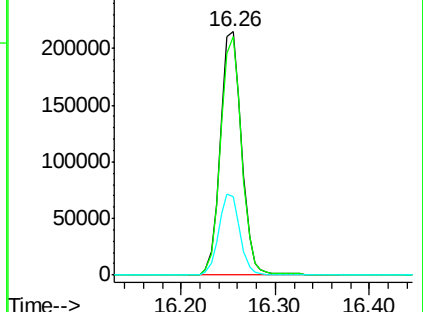
141 32.9 25.2 37.8

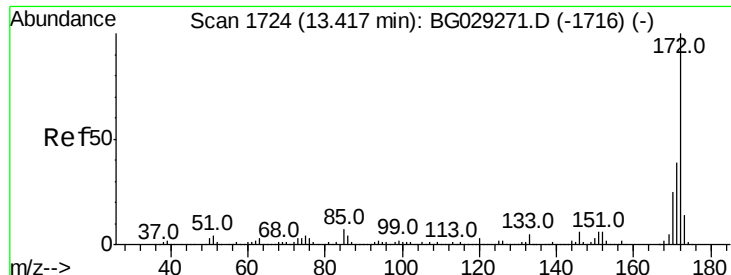


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



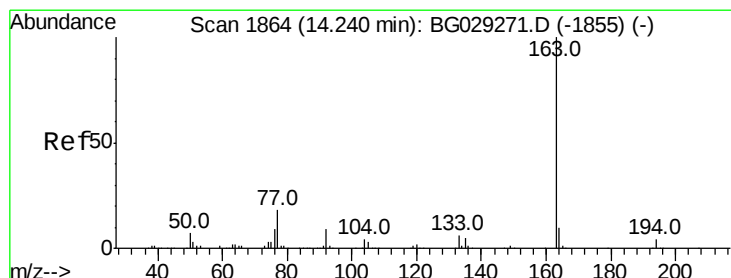
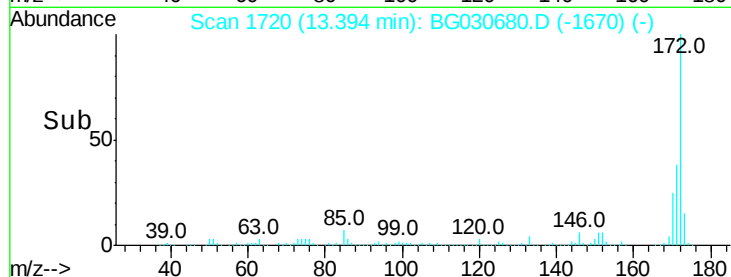
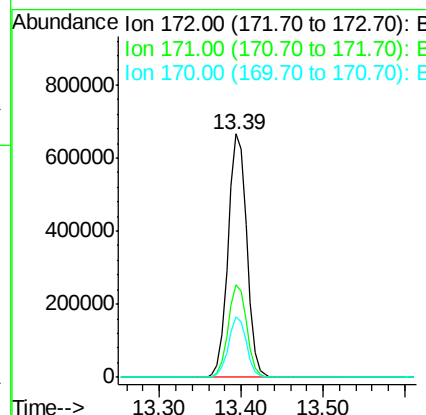
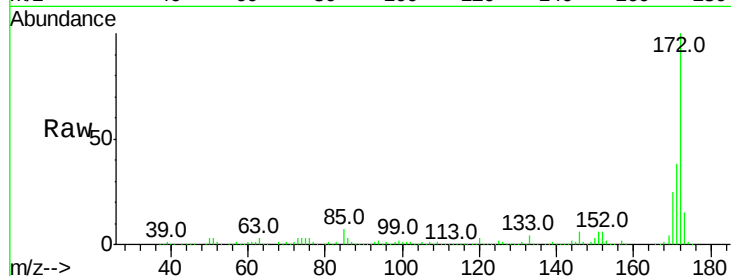


#44
 2-Fluorobiphenyl
 Concen: 83.395 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030680.D
 Acq: 3 Nov 2017 2:17

Instrument :
 BNA_G
 ClientSampleId :
 EPE-110-1(40-42)

Tot Ion:172 Resp: 1055052

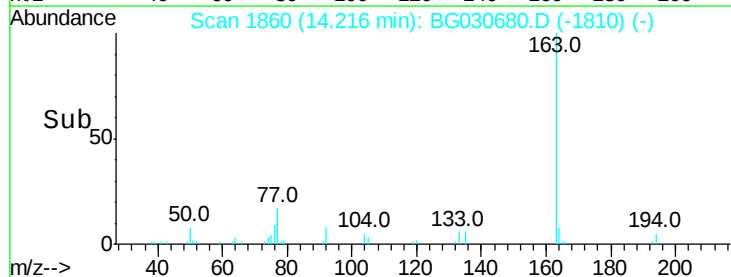
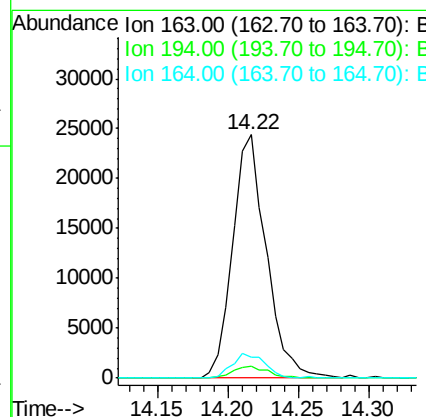
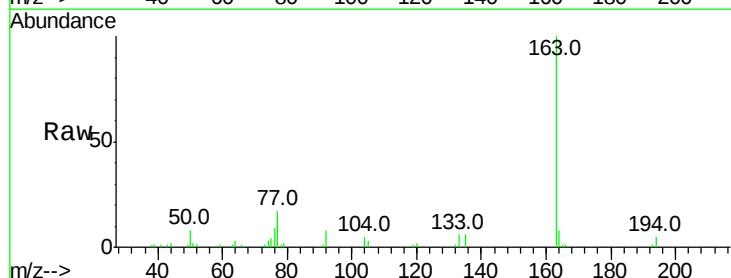
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.9	19.5	29.3

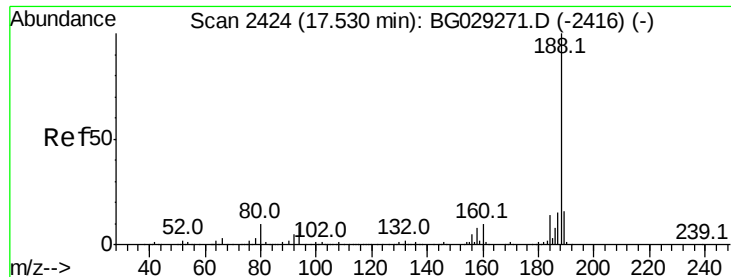


#49
 Dimethylphthalate
 Concen: 2.804 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BG030680.D
 Acq: 3 Nov 2017 2:17

Tgt Ion:163 Resp: 40601

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	8.4	8.2	12.4

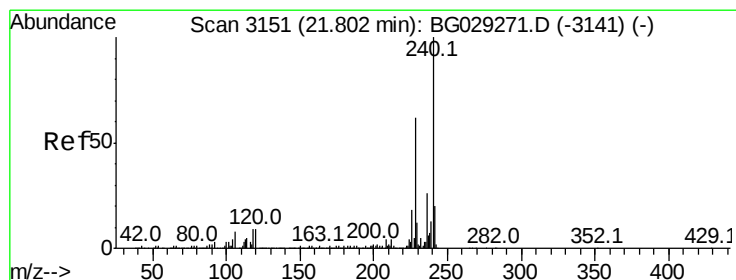
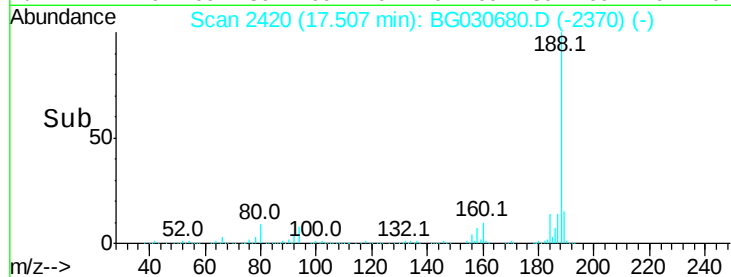
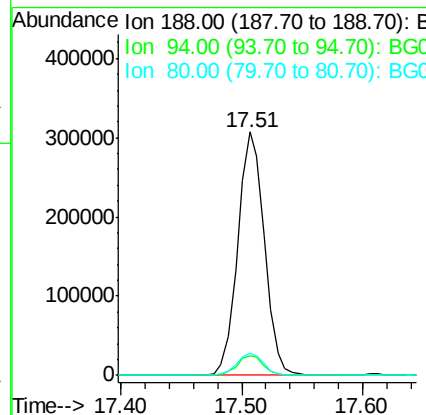
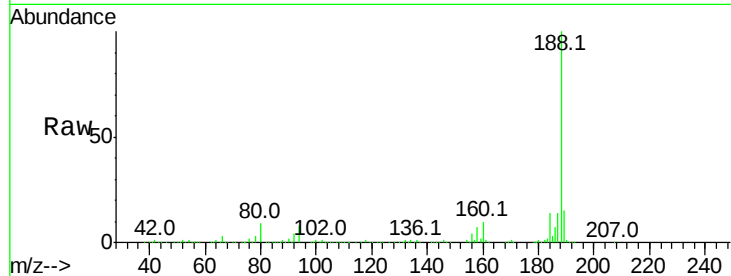




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

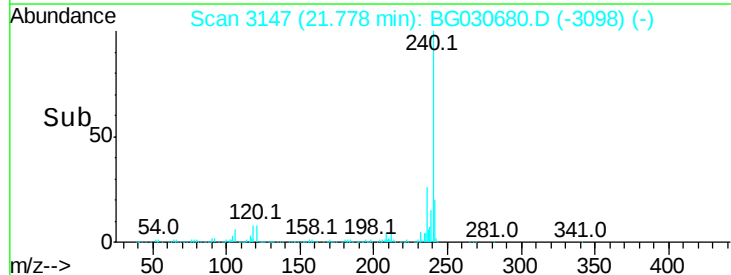
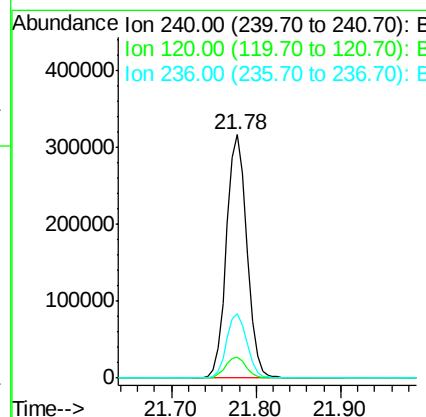
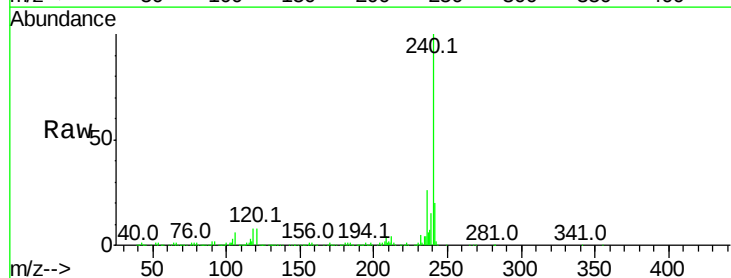
Instrument :
BNA_G
ClientSampleId :
EPE-110-1(40-42)

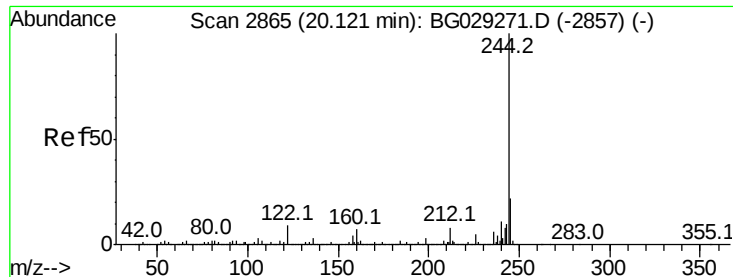
Tot Ion:188 Resp: 470012
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030680.D
Acq: 3 Nov 2017 2:17

Tgt Ion:240 Resp: 532145
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 26.3 20.9 31.3



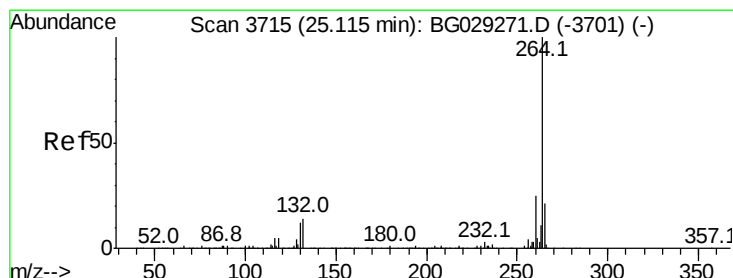
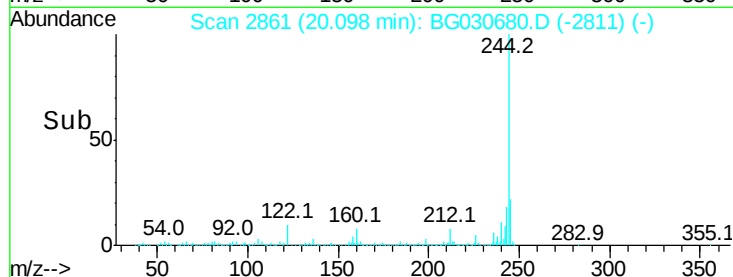
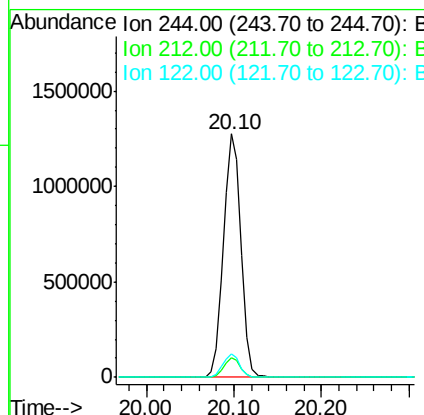
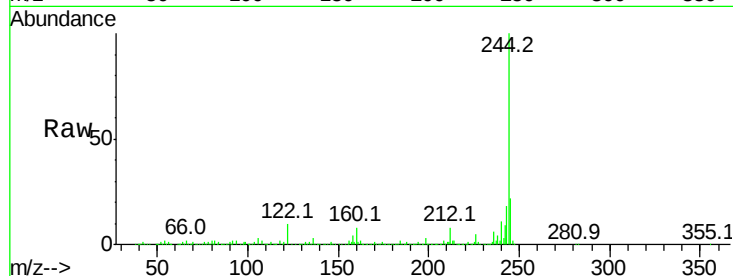


#78
 Terphenyl-d14
 Concen: 75.352 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG030680.D
 Acq: 3 Nov 2017 2:17

Instrument :
 BNA_G
 ClientSampleId :
 EPE-110-1(40-42)

Tot Ion:244 Resp: 1762611

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.02 min
 Lab File: BG030680.D
 Acq: 3 Nov 2017 2:17

Tgt Ion:264 Resp: 539427

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	21.6	17.7	26.5

