

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038798.D
 Acq On : 21 Dec 2018 22:44
 Operator : JU/SJ
 Sample : J6516-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-WATER

Quant Time: Dec 22 03:30:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

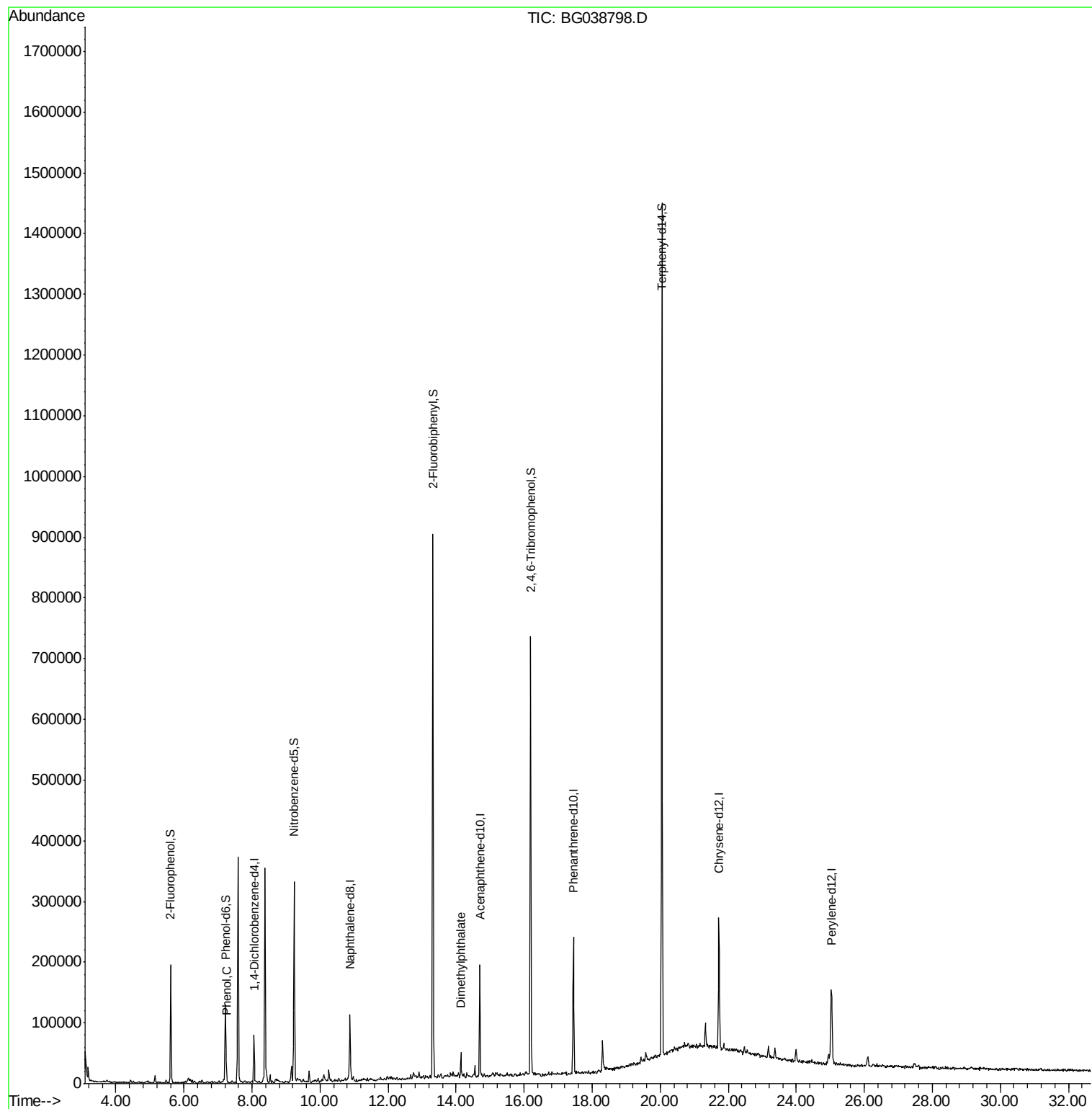
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22444	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92793	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	64225	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	145429	20.00	ng	0.00
76) Chrysene-d12	21.72	240	138866	20.00	ng	0.00
87) Perylene-d12	25.04	264	150603	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	81712	64.57	ng	0.01
7) Phenol-d6	7.22	99	70282	40.46	ng	0.00
23) Nitrobenzene-d5	9.24	82	173847	95.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	152538	172.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	478266	102.16	ng	0.00
79) Terphenyl-d14	20.05	244	715298	112.10	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10158	5.504	ng	92
50) Dimethylphthalate	14.14	163	28239	5.384	ng	97

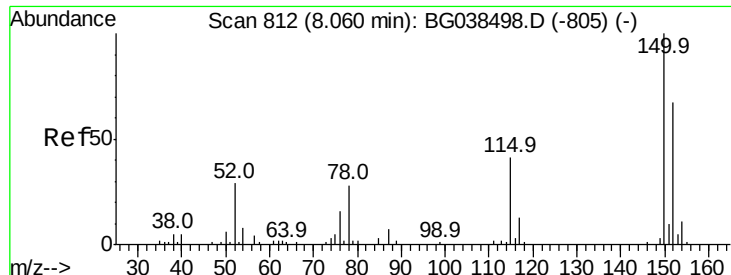
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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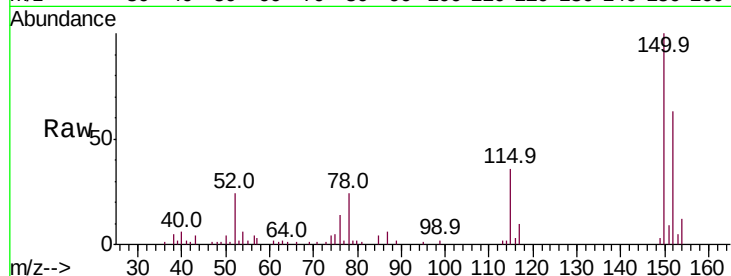


#1

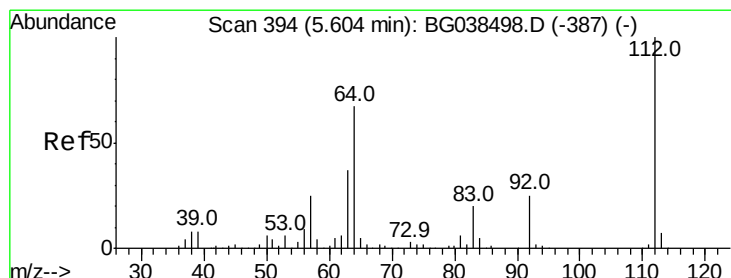
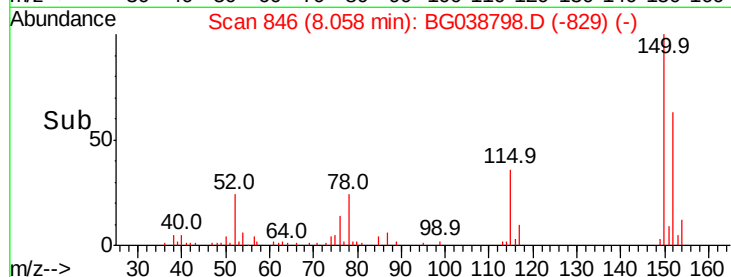
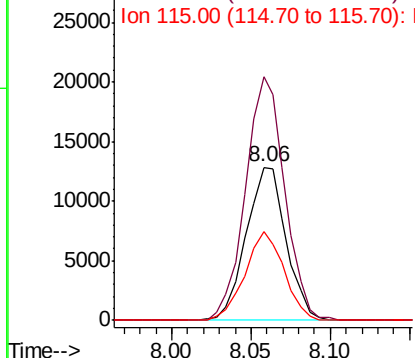
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038798.D
Acq: 21 Dec 2018 22:44

Instrument :
BNA_G
ClientSampleId :
EXCAVATION-WATER

Tot Ion:152 Resp: 22444
Ion Ratio Lower Upper
152 100
150 159.2 119.5 179.3
115 57.8 49.6 74.4



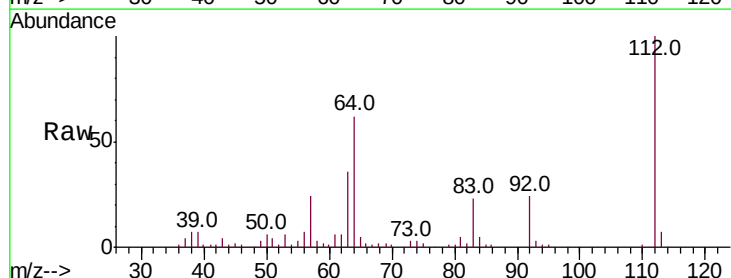
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



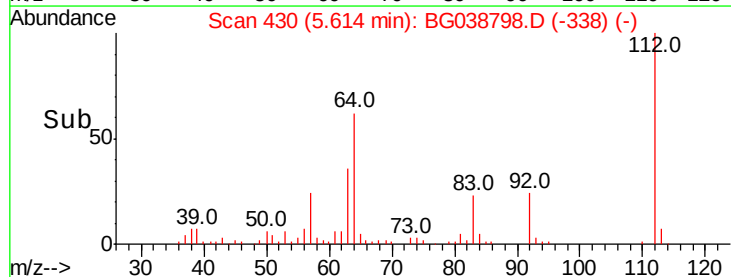
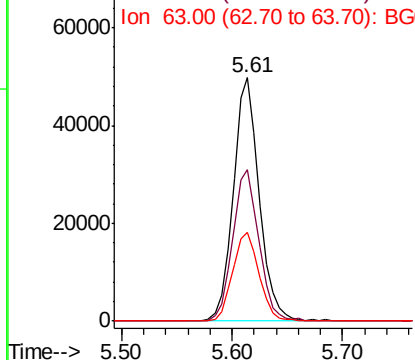
#5

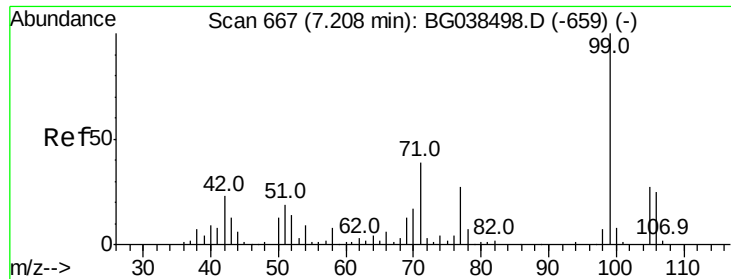
2-Fluorophenol
Concen: 64.573 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038798.D
Acq: 21 Dec 2018 22:44

Tgt Ion:112 Resp: 81712
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 36.2 29.3 43.9



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: 40.458 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-WATER

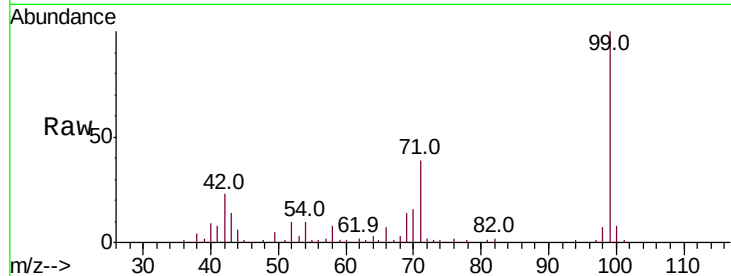
Tot Ion: 99 Resp: 70282

Ion Ratio Lower Upper

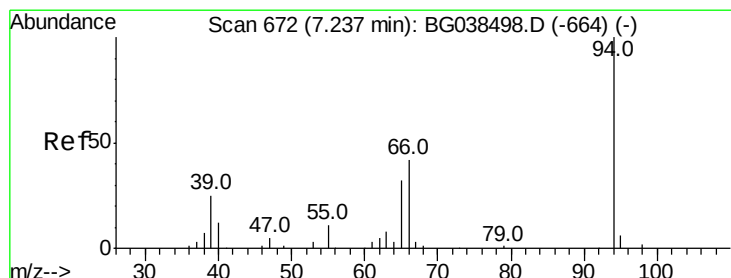
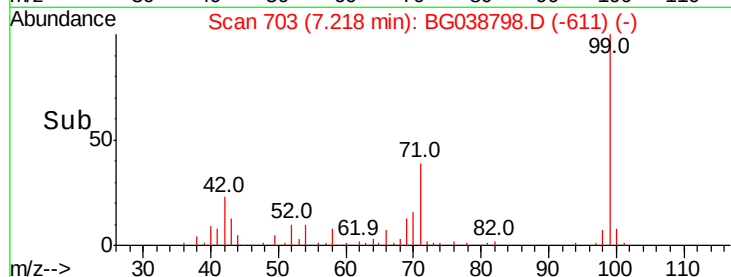
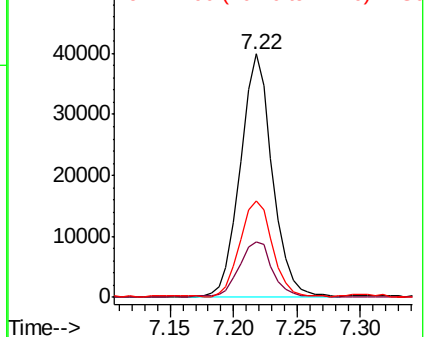
99 100

42 22.8 18.5 27.7

71 39.4 31.1 46.7



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: 5.504 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

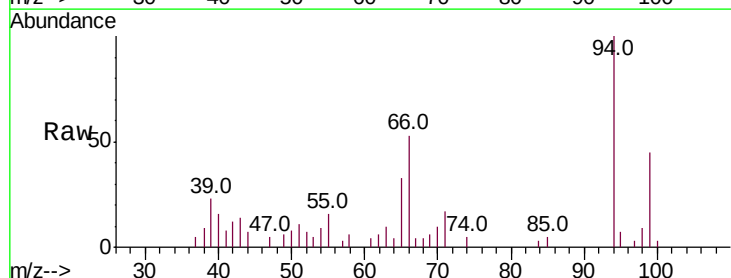
Tgt Ion: 94 Resp: 10158

Ion Ratio Lower Upper

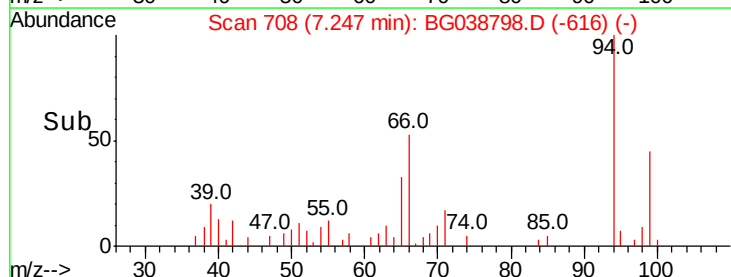
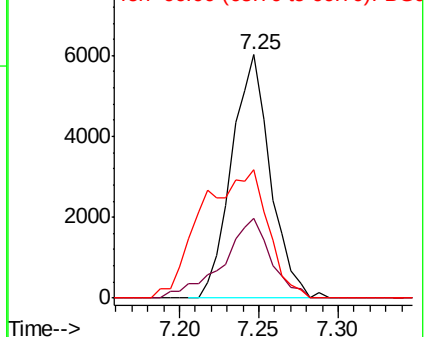
94 100

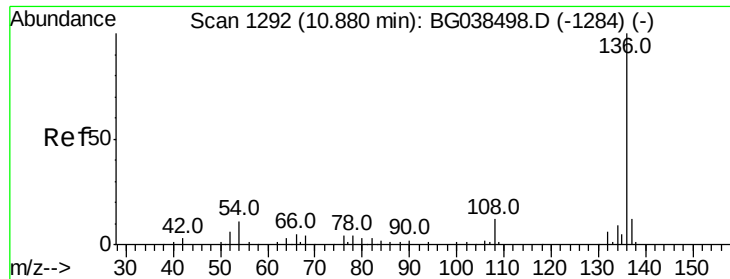
65 32.5 12.6 52.6

66 52.8 24.1 64.1



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

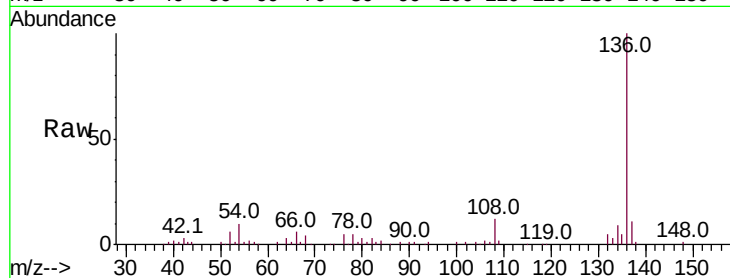




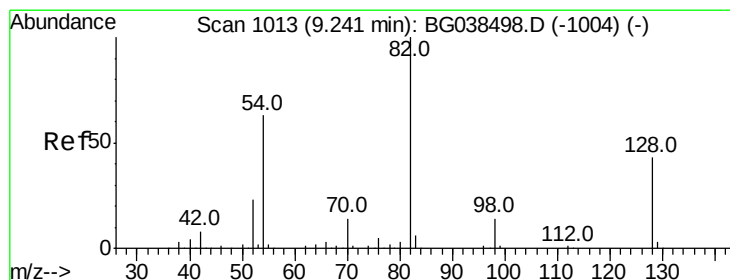
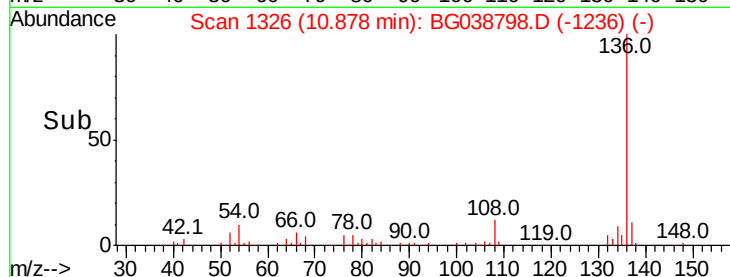
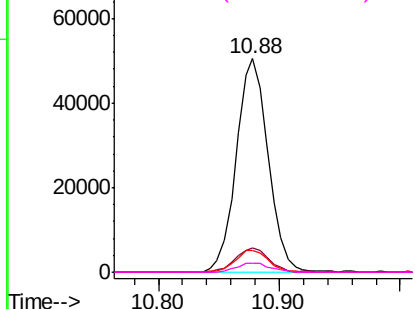
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038798.D
Acq: 21 Dec 2018 22:44

Instrument :
BNA_G
ClientSampleId :
EXCAVATION-WATER

Tot Ion:136	Resp:	92793	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.3	13.9	
54 10.5	8.5	12.7	
68 4.0	3.5	5.3	

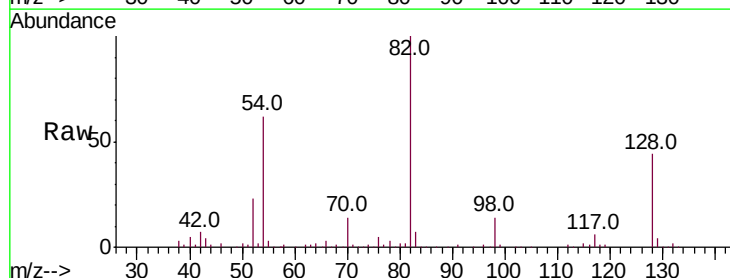


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

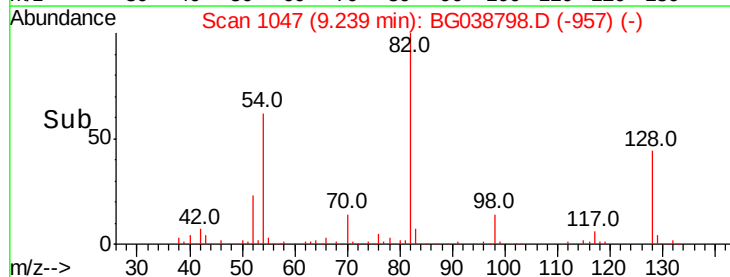
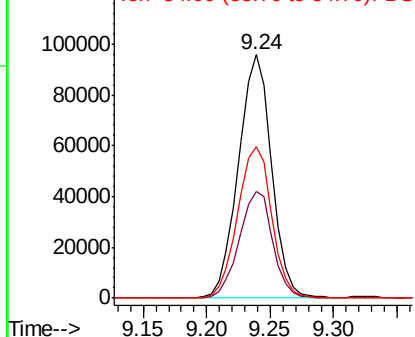


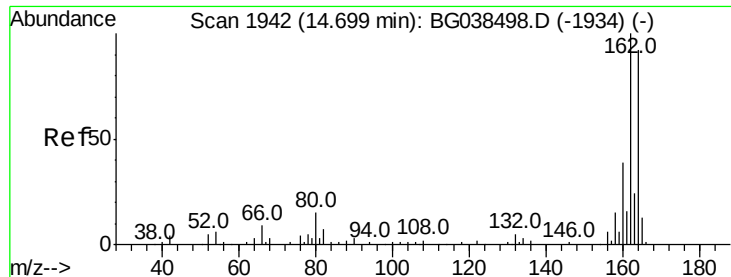
#23
Nitrobenzene-d5
Concen: 95.711 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038798.D
Acq: 21 Dec 2018 22:44

Tgt Ion: 82	Resp: 173847
Ion Ratio	Lower Upper
82 100	
128 43.7	34.6 52.0
54 62.4	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

Instrument :

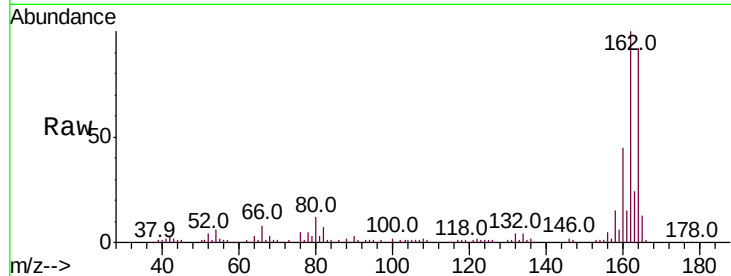
BNA_G

ClientSampleId :

EXCAVATION-WATER

Tot Ion:164 Resp: 64225

Ion	Ratio	Lower	Upper
164	100		
162	108.5	86.6	130.0
160	48.5	34.2	51.2

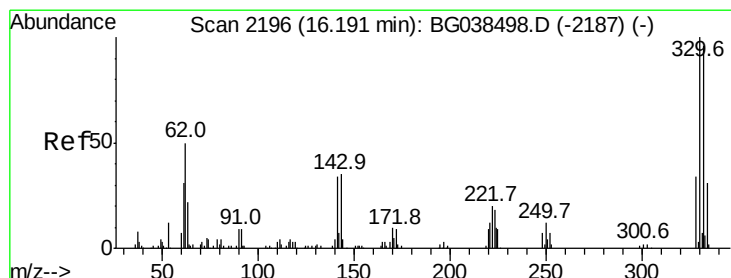
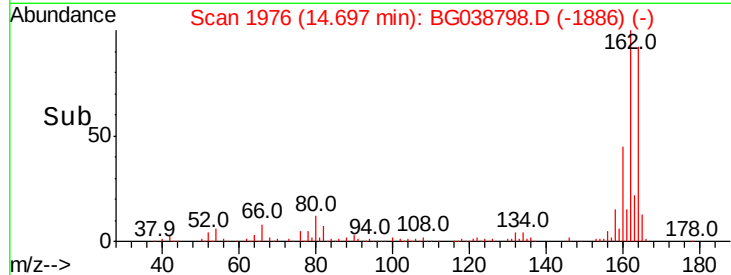
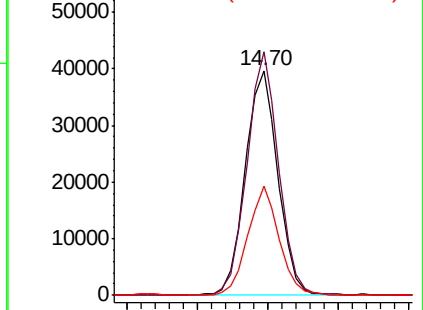


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 172.333 ng

RT: 16.19 min Scan# 2230

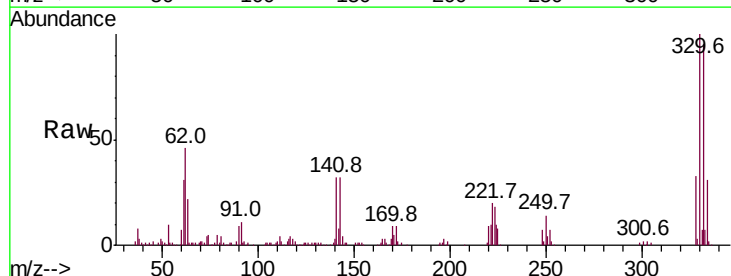
Delta R.T. -0.00 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

Tgt Ion:330 Resp: 152538

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	32.4	28.8	43.2

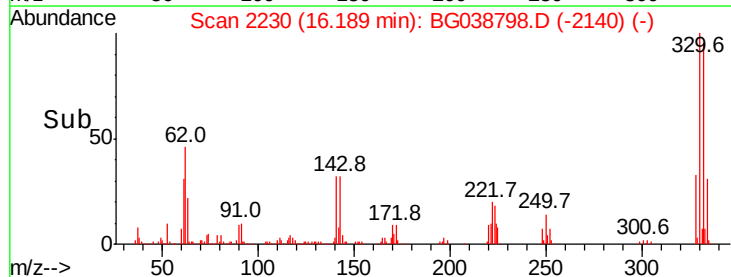
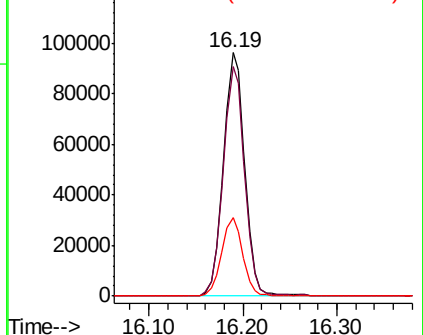


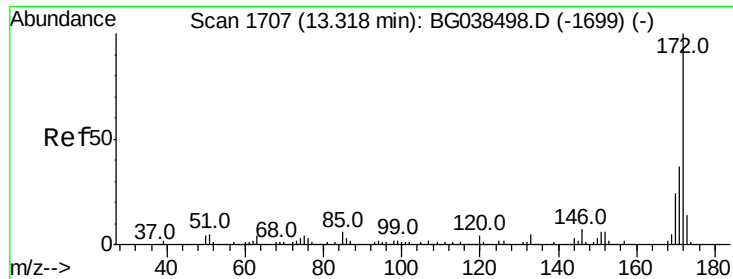
Abundance

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

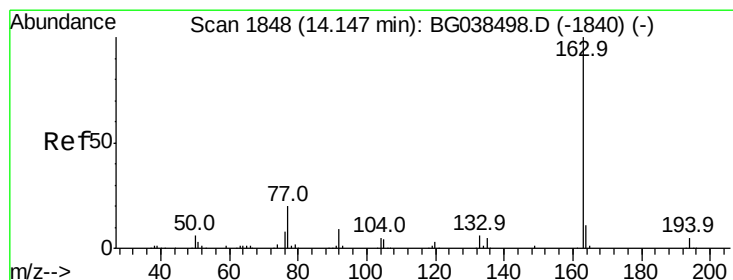
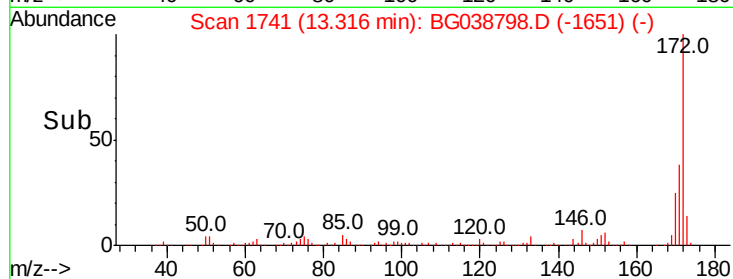
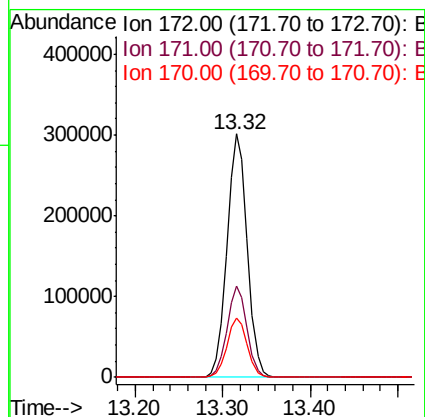
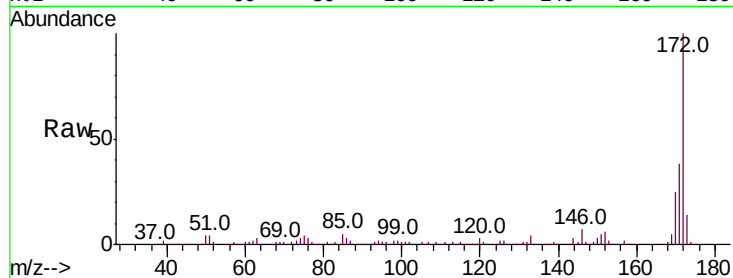




#45
 2-Fluorobiphenyl
 Concen: 102.158 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038798.D
 Acq: 21 Dec 2018 22:44

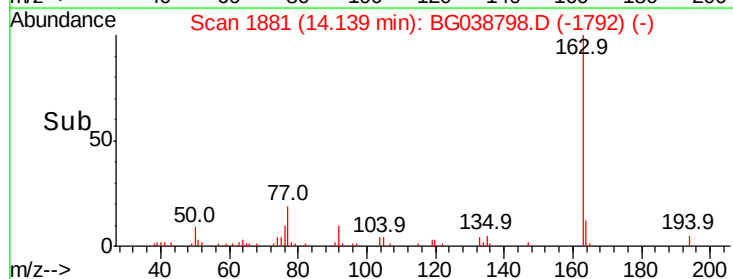
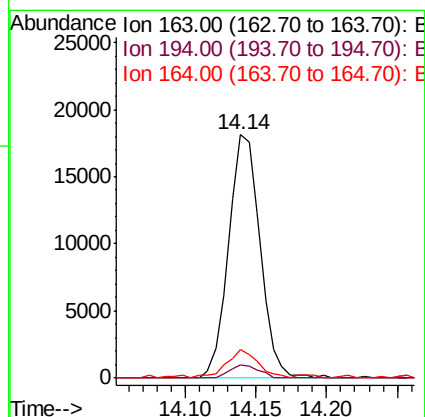
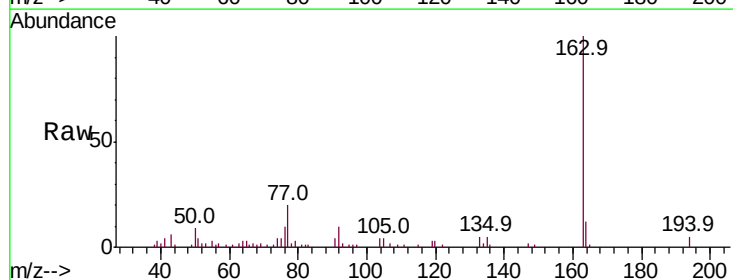
Instrument :
 BNA_G
 ClientSampleId :
 EXCAVATION-WATER

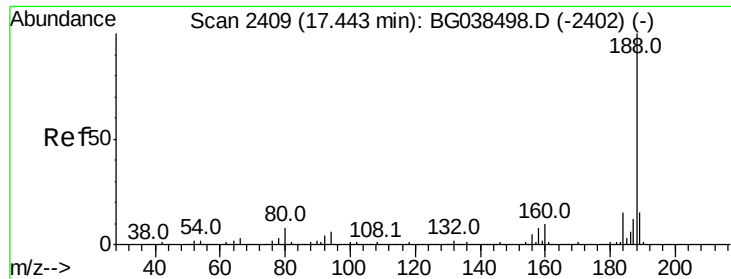
Tot Ion:172 Resp: 478266
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.5 19.5 29.3



#50
 Dimethylphthalate
 Concen: 5.384 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038798.D
 Acq: 21 Dec 2018 22:44

Tgt Ion:163 Resp: 28239
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.7 5.5
 164 11.7 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-WATER

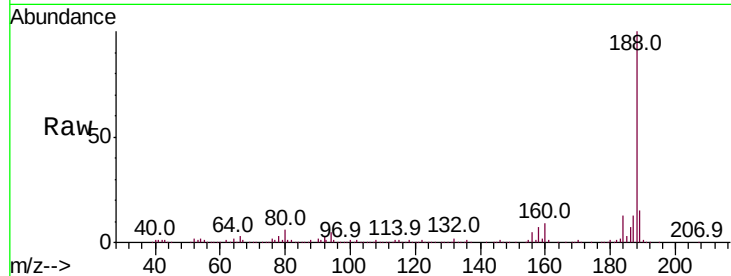
Tot Ion:188 Resp: 145429

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

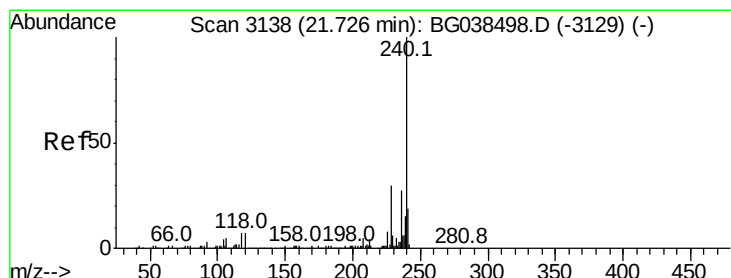
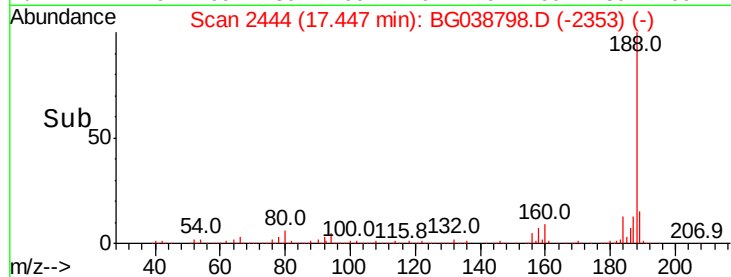
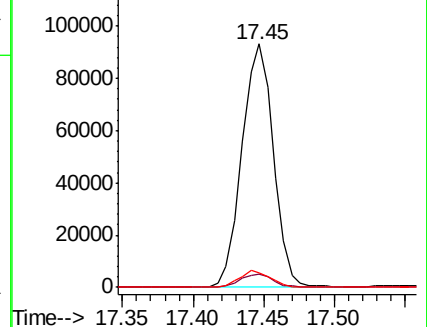
80 6.0 6.1 9.1#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

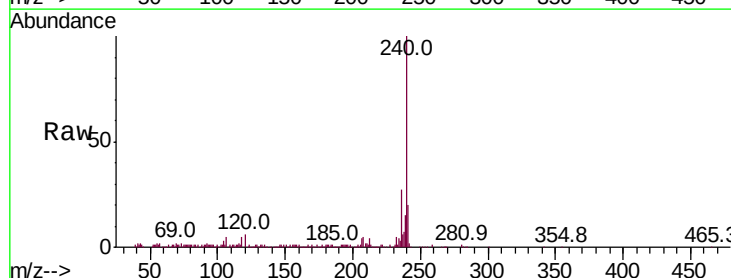
Tgt Ion:240 Resp: 138866

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

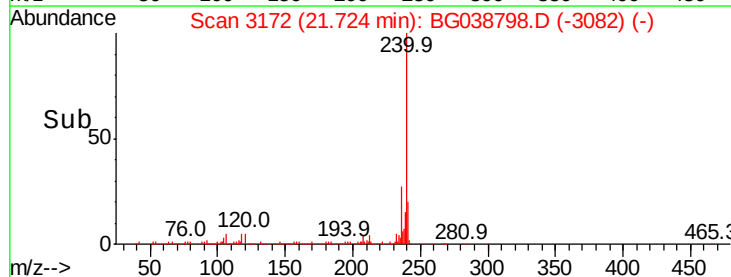
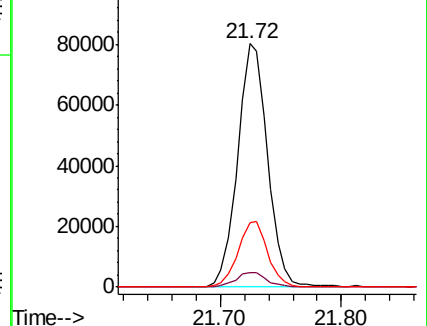
236 26.6 21.4 32.2

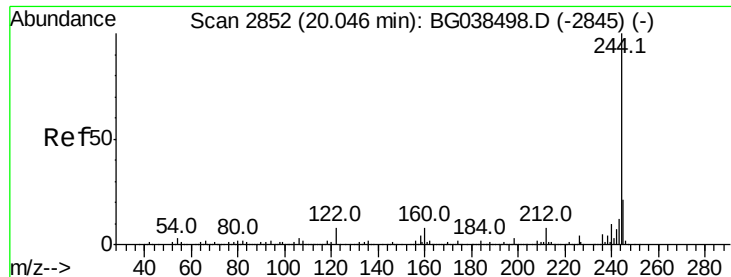


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.103 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

Instrument :

BNA_G

ClientSampleId :

EXCAVATION-WATER

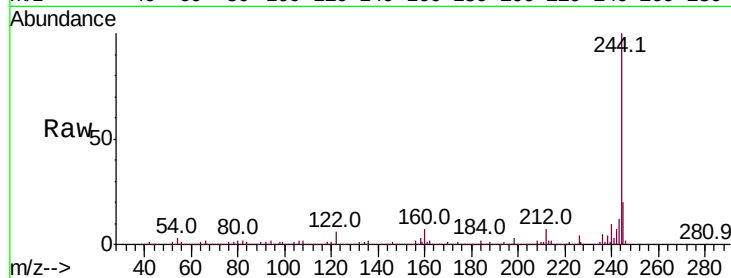
Tot Ion:244 Resp: 715298

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

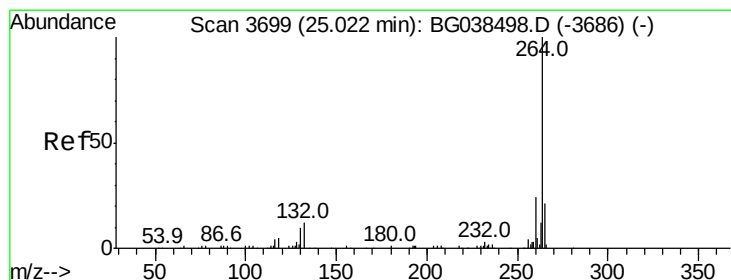
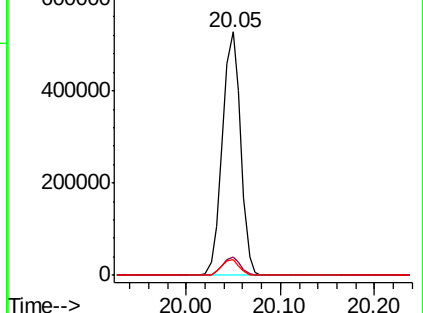
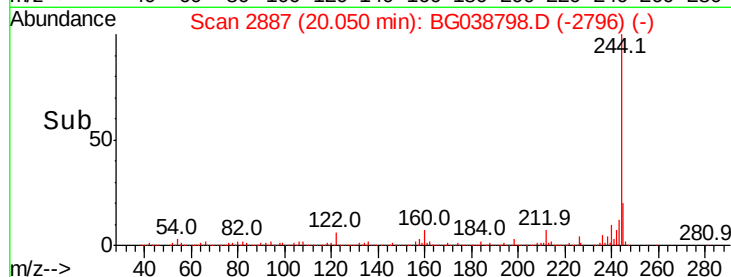
122 6.4 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3736

Delta R.T. 0.02 min

Lab File: BG038798.D

Acq: 21 Dec 2018 22:44

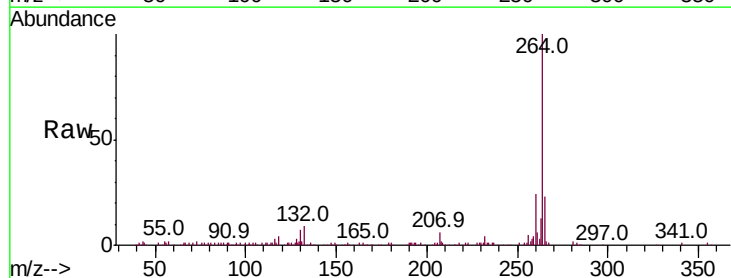
Tgt Ion:264 Resp: 150603

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.6 17.0 25.4



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

