

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037966.D
 Acq On : 13 Nov 2018 5:17
 Operator : JU/SJ
 Sample : J5905-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 06-TANK-SOIL

Quant Time: Nov 13 06:54:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50597	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	223976	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	144461	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	316188	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	263238	20.00	ng	-0.02
87) Perylene-d12	25.09	264	184986	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	334758	110.61	ng	-0.01
7) Phenol-d6	7.24	99	440233	96.20	ng	-0.01
23) Nitrobenzene-d5	9.27	82	333945	83.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	138184	87.70	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	811486	84.71	ng	-0.02
79) Terphenyl-d14	20.07	244	1115890	90.58	ng	-0.02

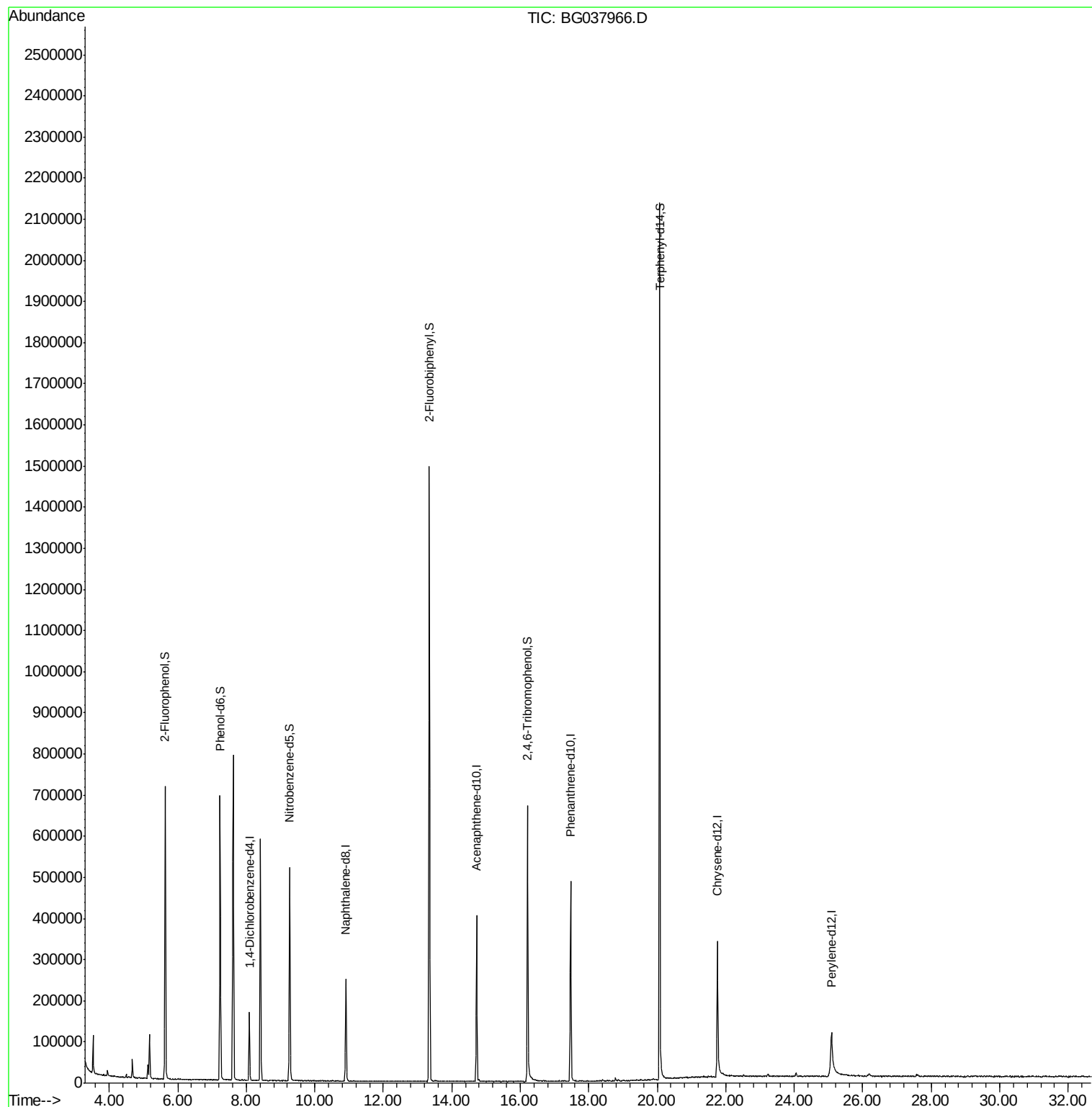
Target Compounds Qvalue

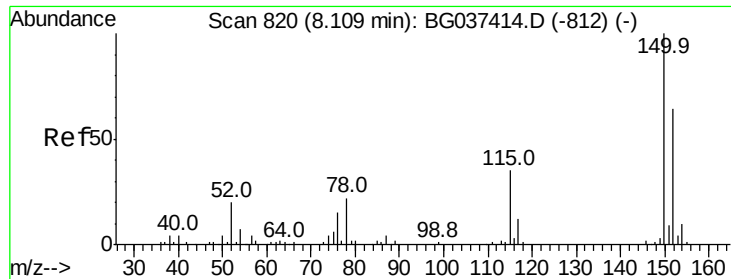
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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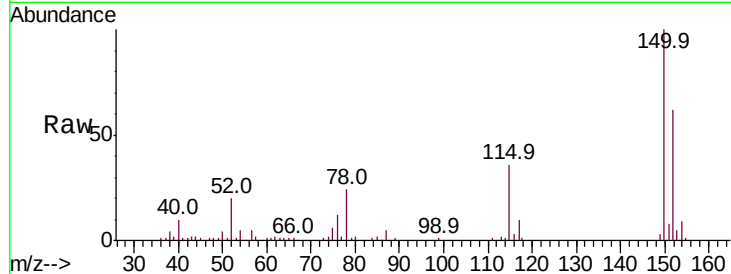


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037966.D
Acq: 13 Nov 2018 5:17

Instrument :
BNA_G
ClientSampleId :
06-TANK-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.0	189.0
115	57.6	45.5	68.3

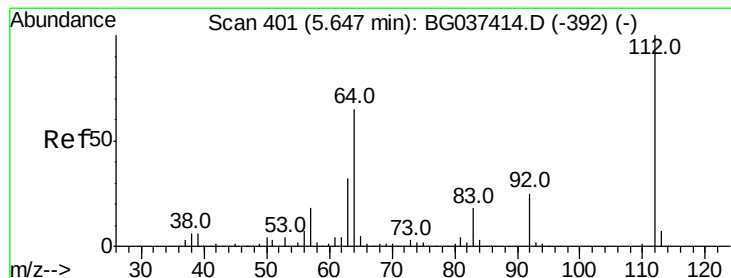
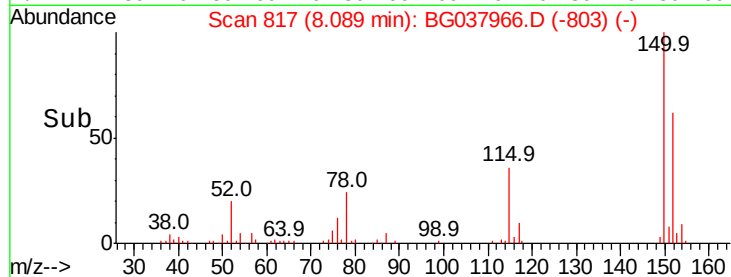
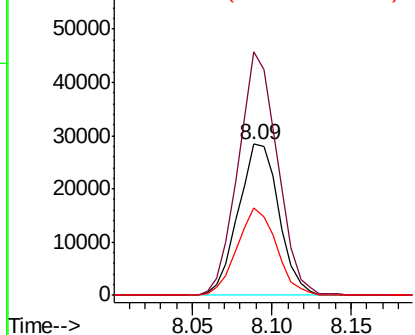


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

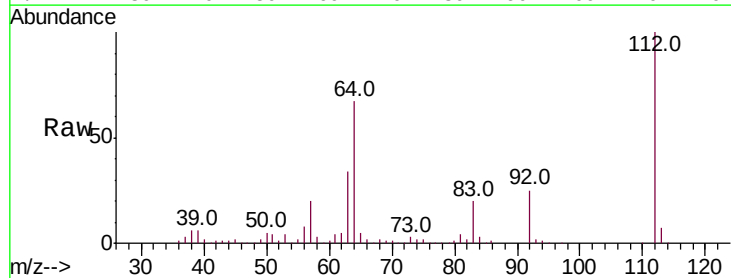
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.613 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037966.D
Acq: 13 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.1	79.7
63	33.5	27.3	40.9

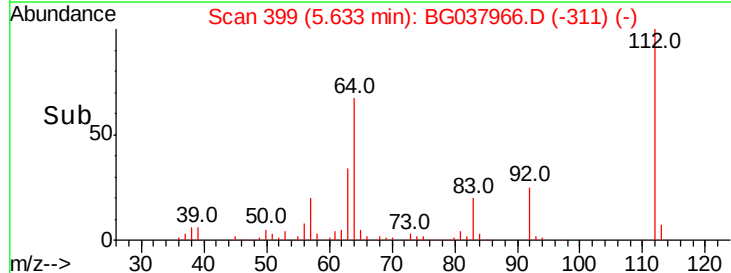
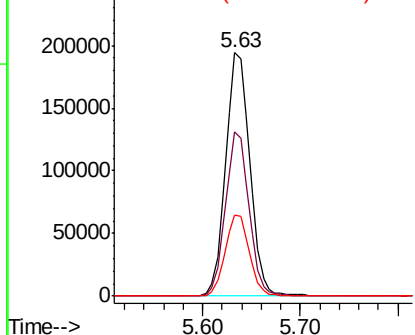


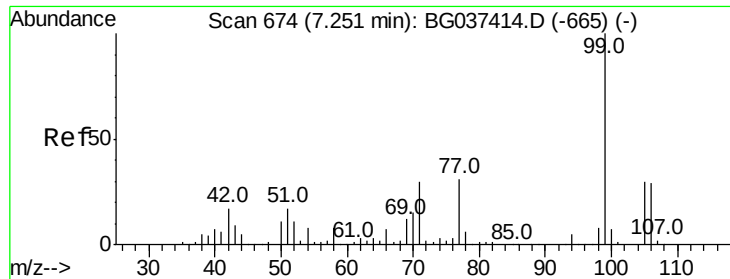
Abundance

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: 96.198 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

06-TANK-SOIL

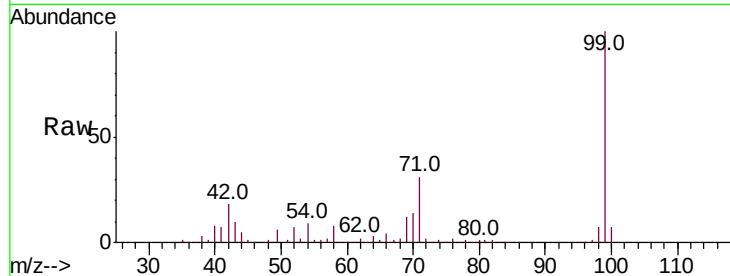
Tot Ion: 99 Resp: 440233

Ion Ratio Lower Upper

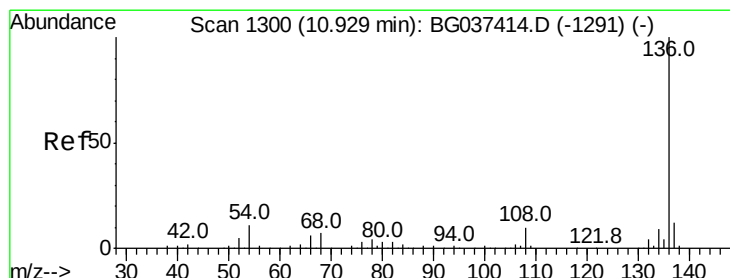
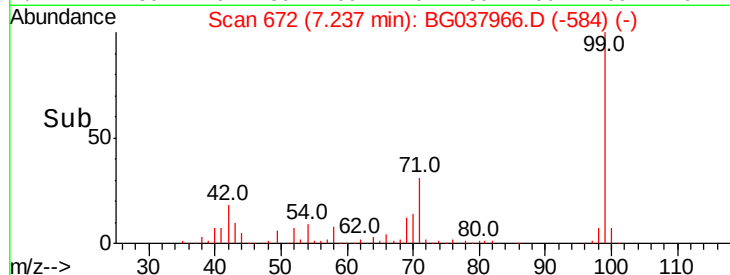
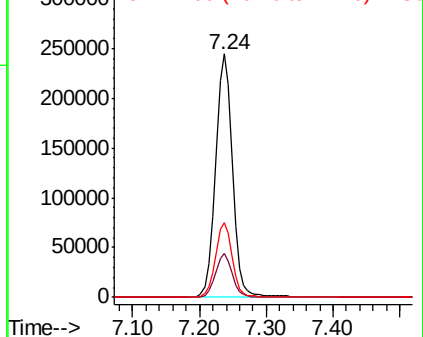
99 100

42 18.1 15.0 22.4

71 30.9 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Tgt Ion: 136 Resp: 223976

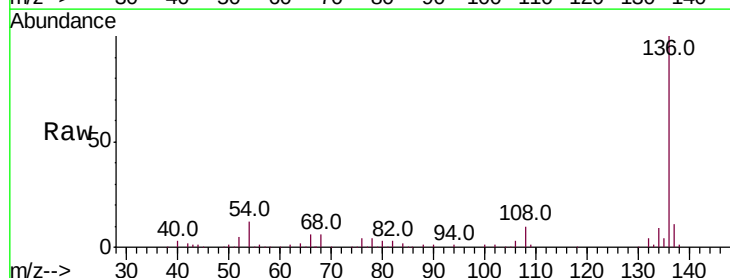
Ion Ratio Lower Upper

136 100

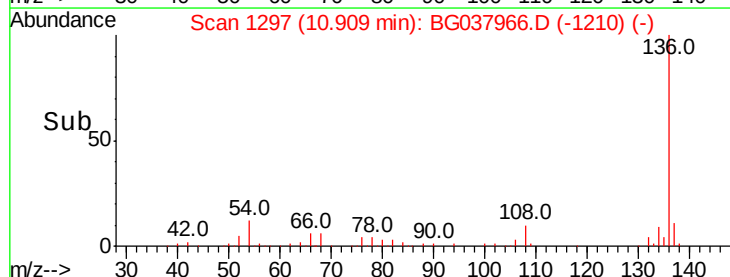
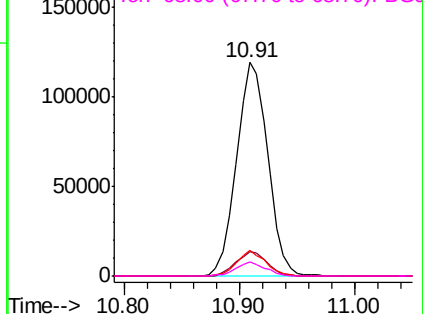
137 11.2 9.6 14.4

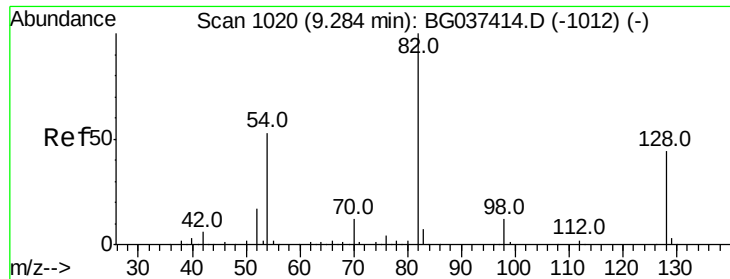
54 12.1 7.9 11.9#

68 6.5 4.8 7.2



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

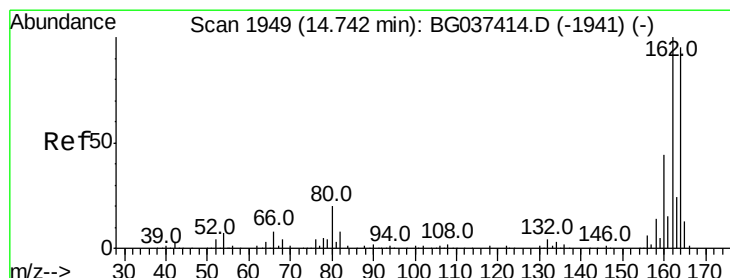
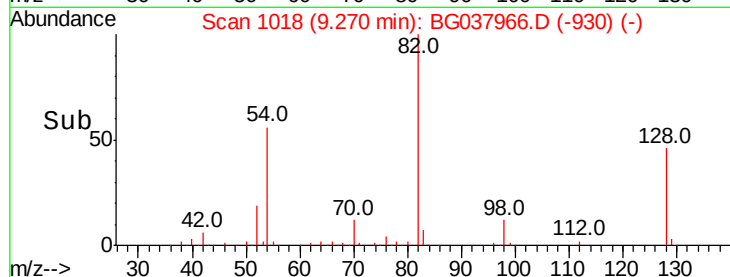
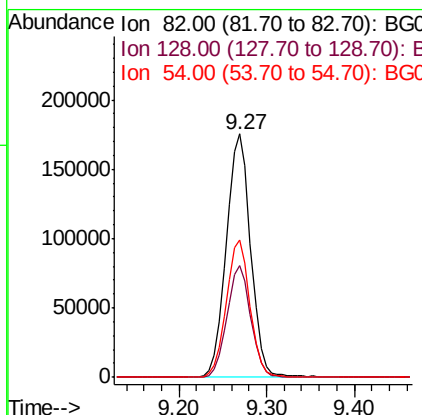
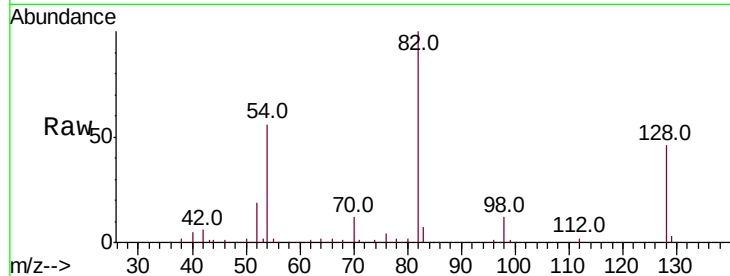




#23
 Nitrobenzene-d5
 Concen: 83.523 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037966.D
 Acq: 13 Nov 2018 5:17

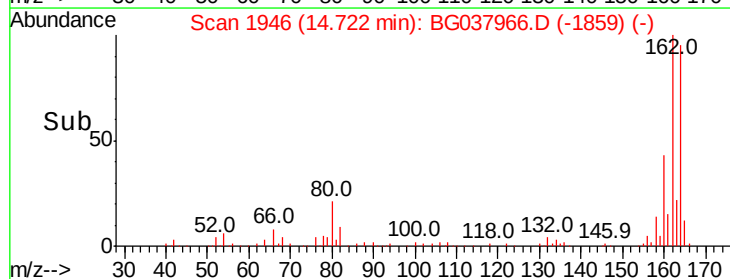
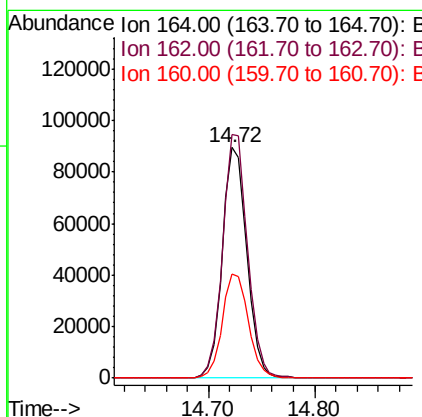
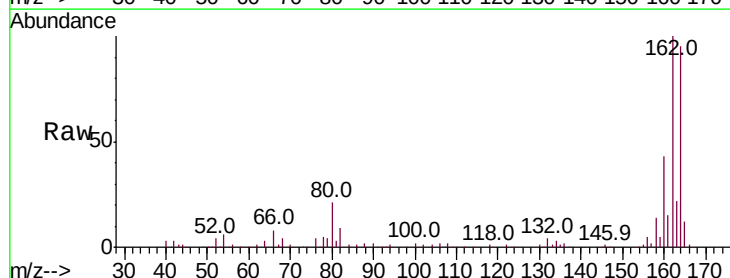
Instrument :
 BNA_G
 ClientSampleId :
 06-TANK-SOIL

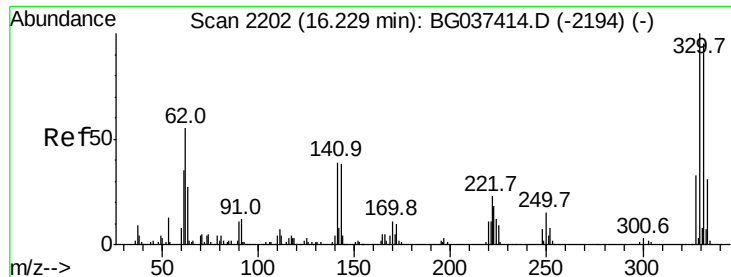
Tot Ion	82	Resp	333945
Ion Ratio	100	Lower	Upper
128	45.9	34.6	51.8
54	56.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037966.D
 Acq: 13 Nov 2018 5:17

Tgt Ion	164	Resp	144461
Ion Ratio	100	Lower	Upper
162	105.6	81.3	121.9
160	45.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 87.701 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Instrument :

BNA_G

ClientSampled :

06-TANK-SOIL

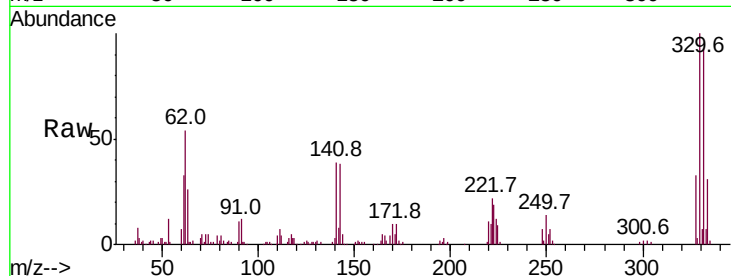
Tot Ion:330 Resp: 138184

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

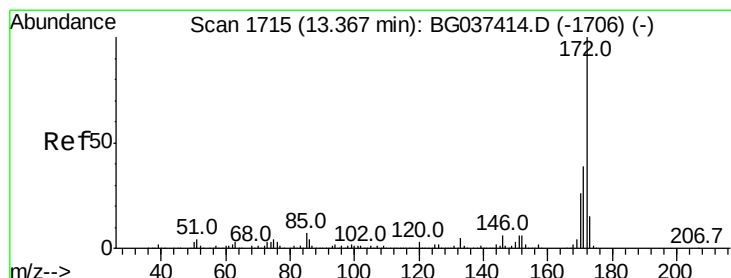
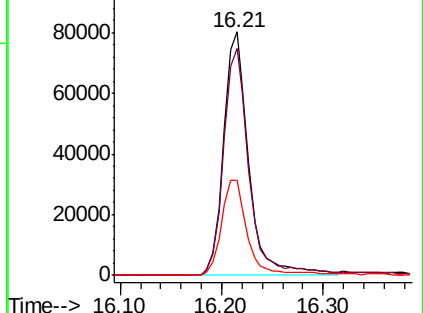
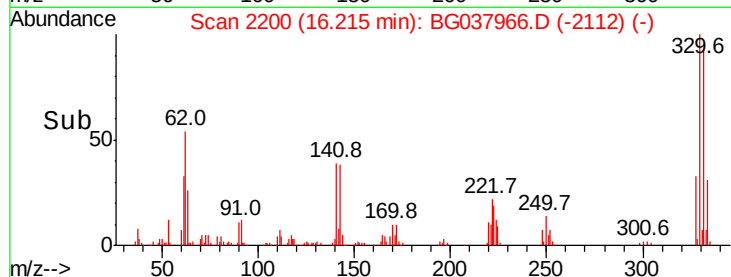
141 41.1 32.2 48.2



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: 84.706 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

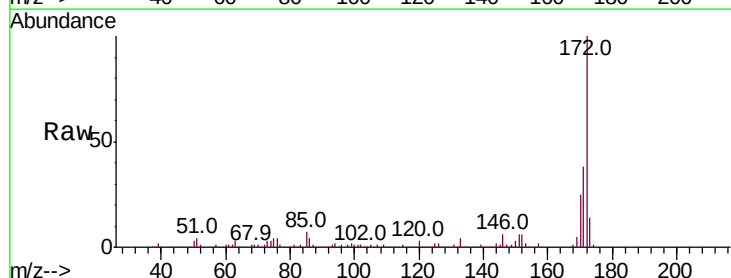
Tgt Ion:172 Resp: 811486

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

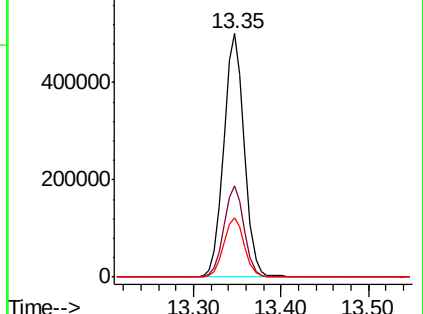
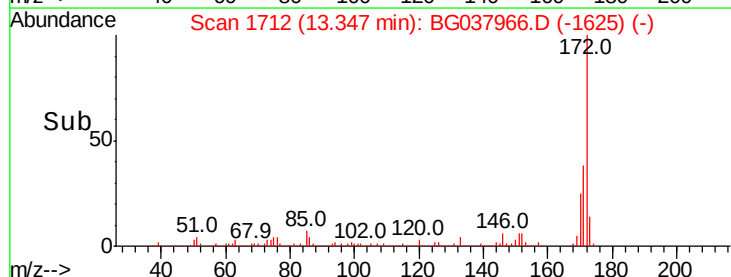
170 24.6 20.2 30.2

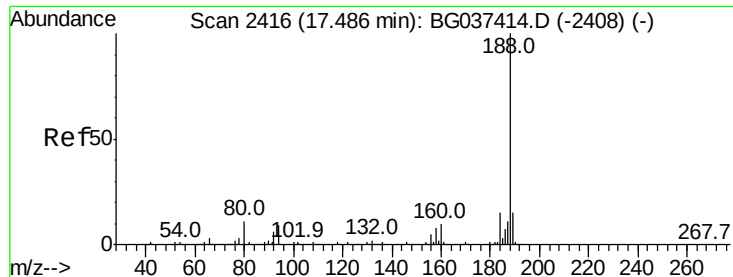


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

06-TANK-SOIL

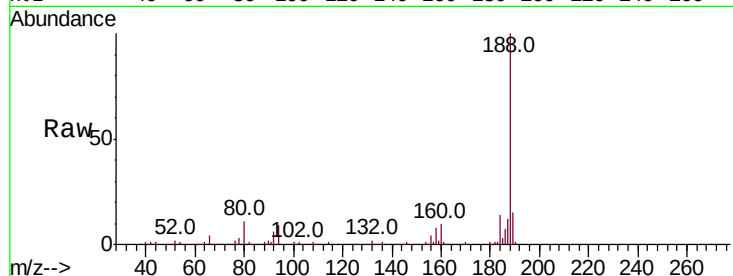
Tot Ion:188 Resp: 316188

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

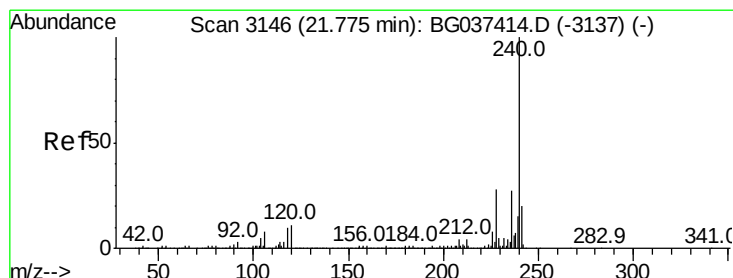
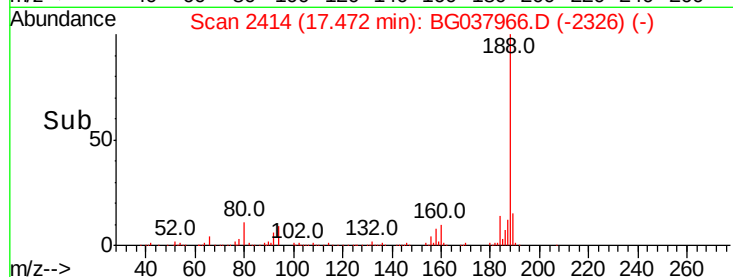
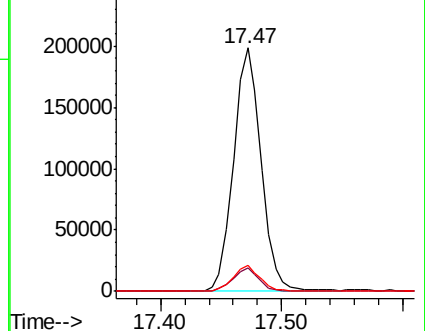
80 10.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

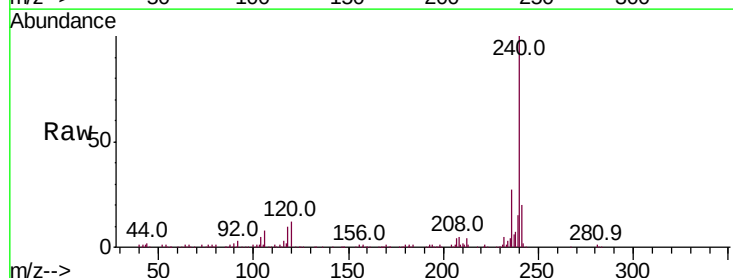
Tgt Ion:240 Resp: 263238

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

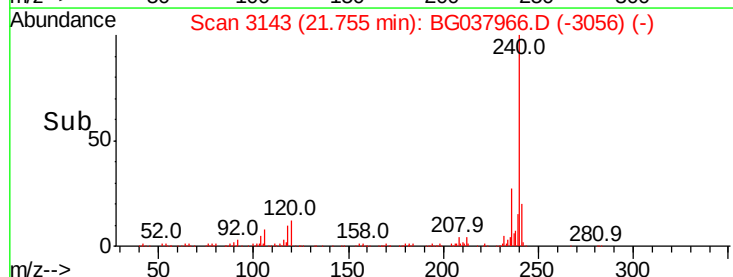
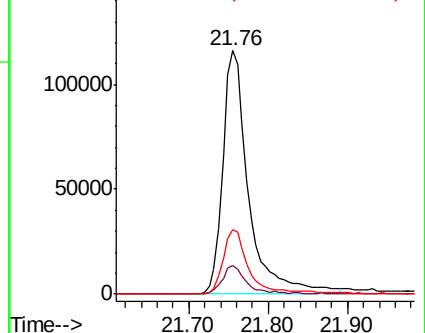
236 26.7 21.4 32.0

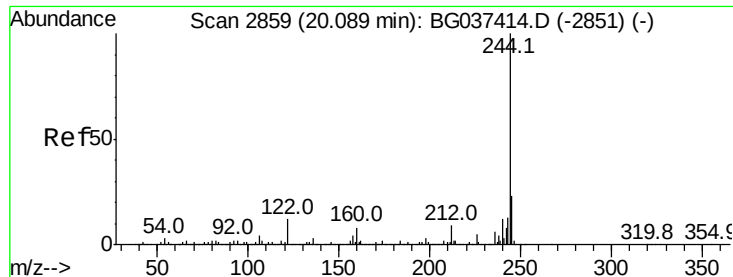


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.579 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Instrument :

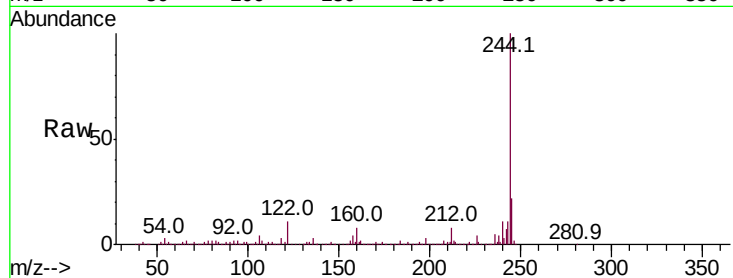
BNA_G

ClientSampleId :

06-TANK-SOIL

Tot Ion:244 Resp: 1115890

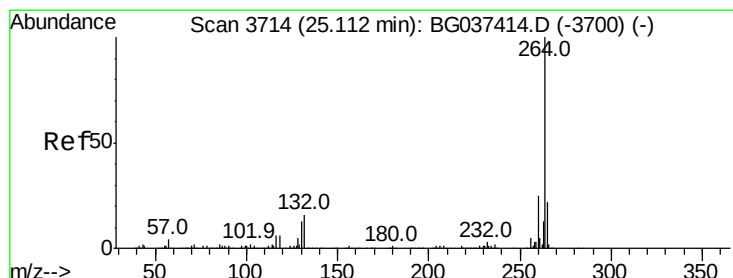
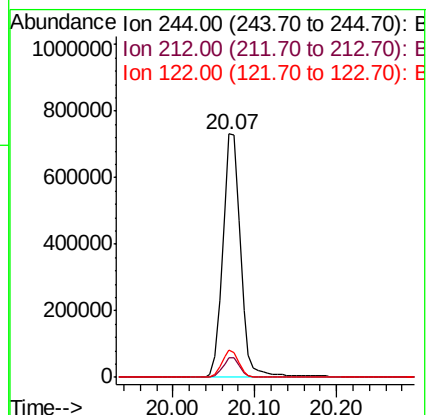
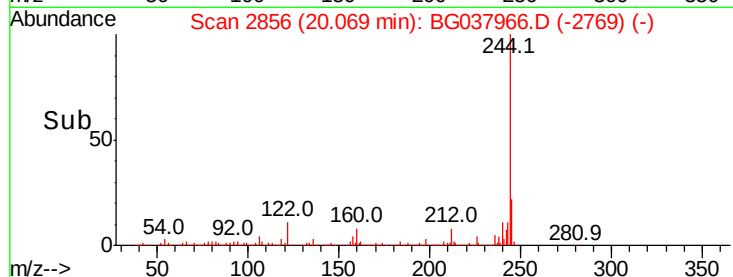
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.1	9.0	13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

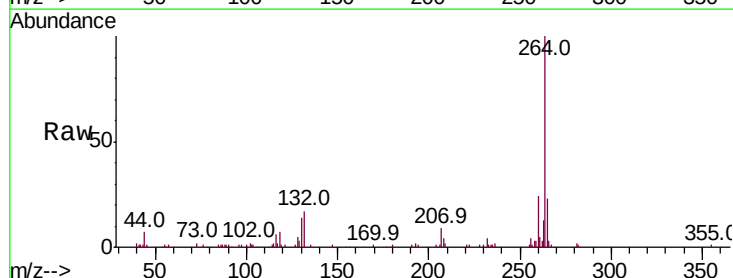
Delta R.T. -0.03 min

Lab File: BG037966.D

Acq: 13 Nov 2018 5:17

Tgt Ion:264 Resp: 184986

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	23.1	17.9	26.9



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

