

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035210.D
 Acq On : 16 Jun 2018 16:17
 Operator : SJ/JU
 Sample : J3487-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 18 03:22:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47352	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	175338	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	133462	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	369604	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	388210	20.00	ng	-0.02
86) Perylene-d12	24.92	264	318268	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	349407	124.53	ng	-0.01
7) Phenol-d6	7.22	99	457748	110.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	400453	108.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	263383	154.16	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	931427	90.73	ng	-0.02
78) Terphenyl-d14	20.04	244	1775492	95.80	ng	-0.01

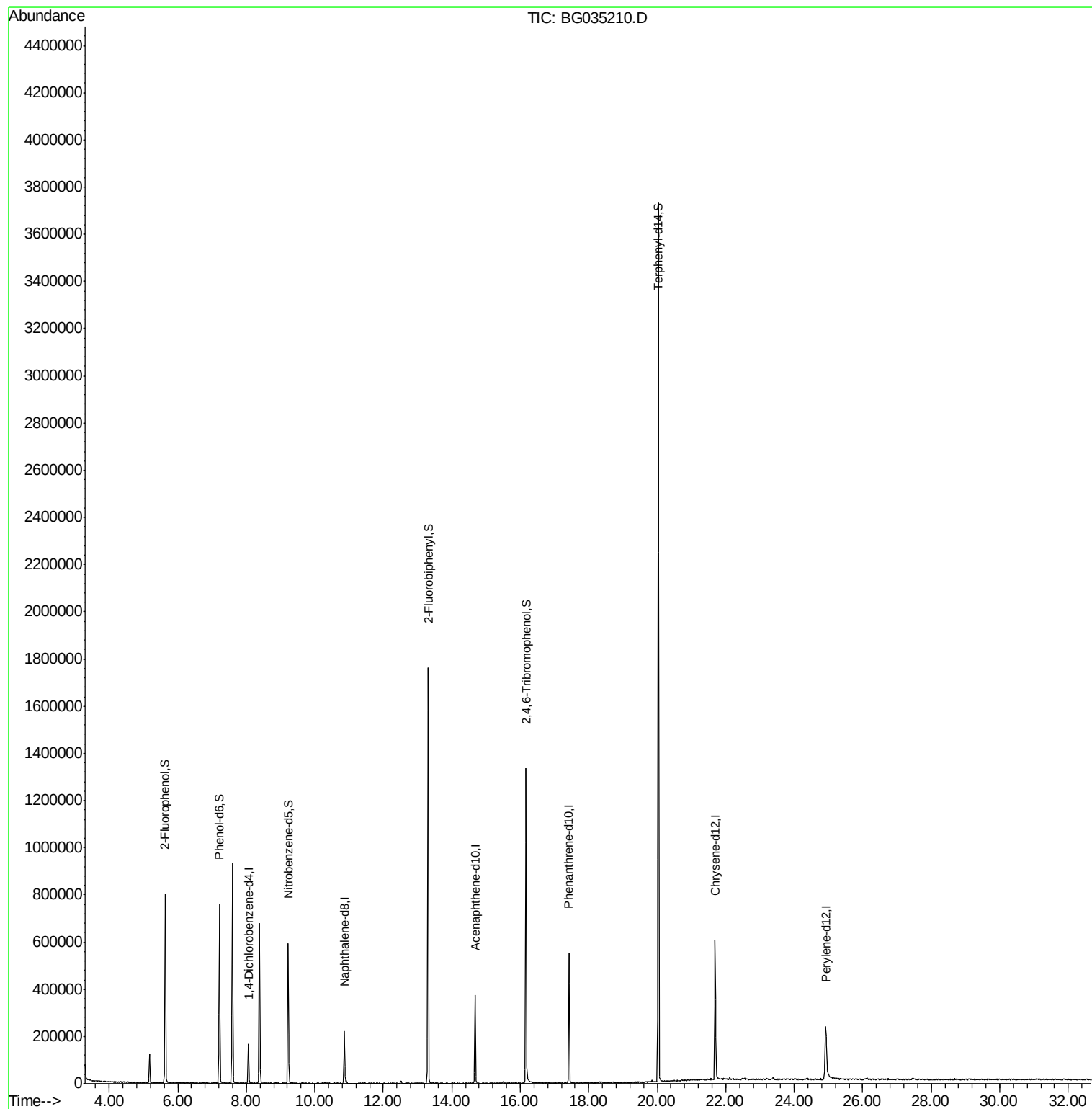
Target Compounds Qvalue

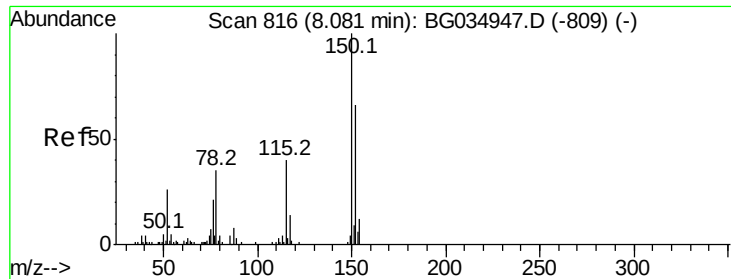
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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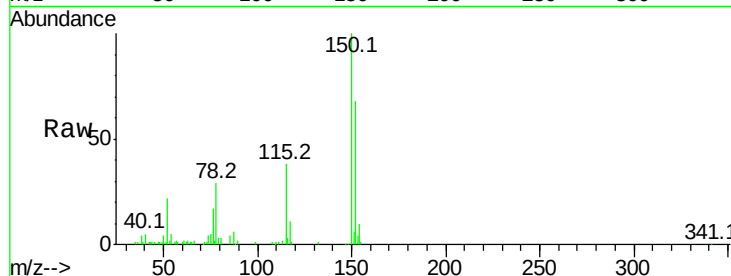


#1

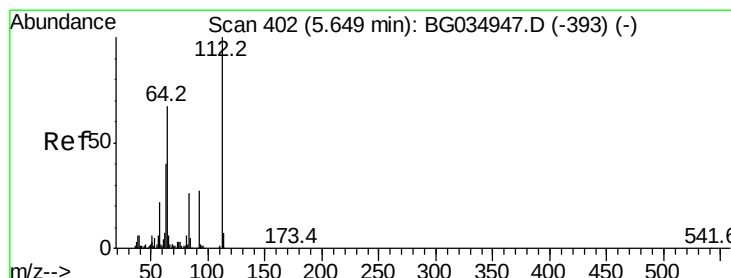
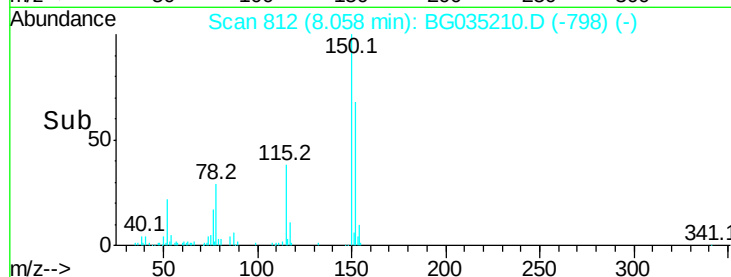
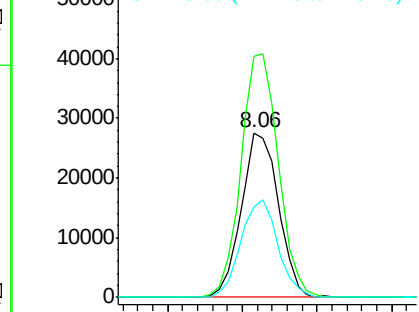
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion:152 Resp: 47352
Ion Ratio Lower Upper
152 100
150 146.7 126.6 189.8
115 55.1 53.0 79.4



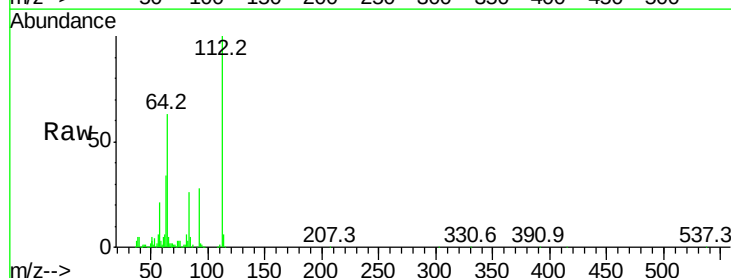
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



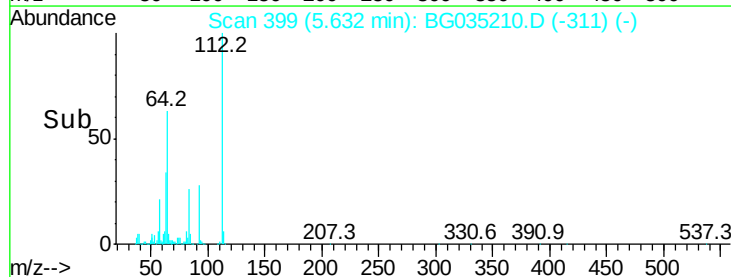
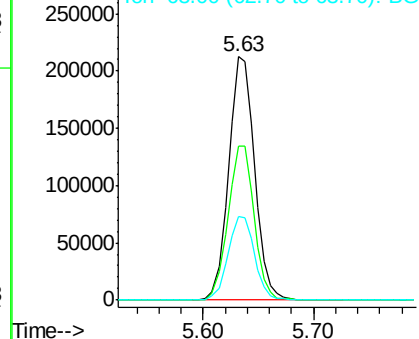
#5

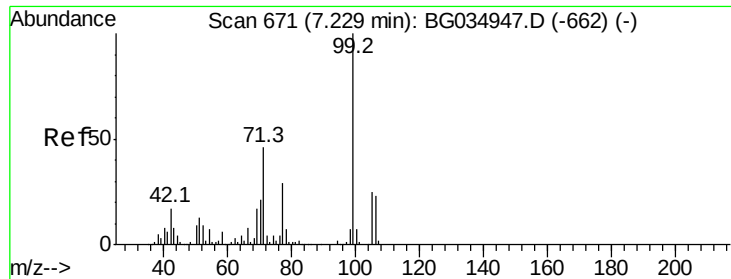
2-Fluorophenol
Concen: 124.527 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Tgt Ion:112 Resp: 349407
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 34.4 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: 110.533 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

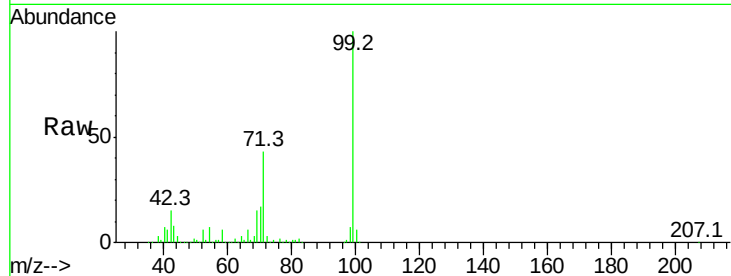
Tot Ion: 99 Resp: 457748

Ion Ratio Lower Upper

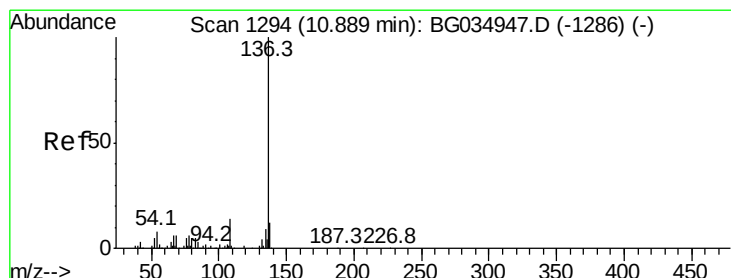
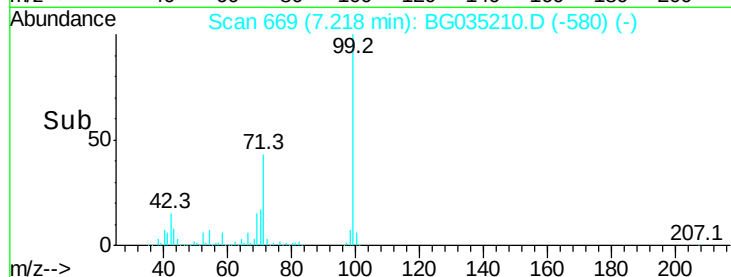
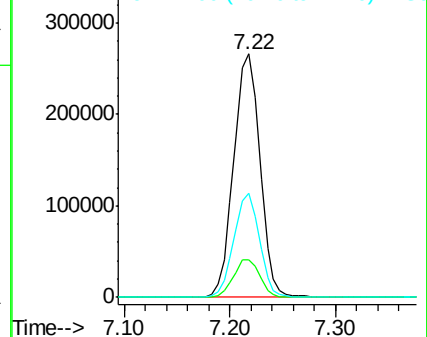
99 100

42 15.3 14.1 21.1

71 42.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Tgt Ion: 136 Resp: 175338

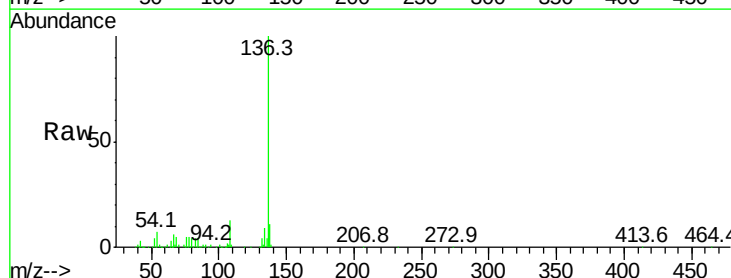
Ion Ratio Lower Upper

136 100

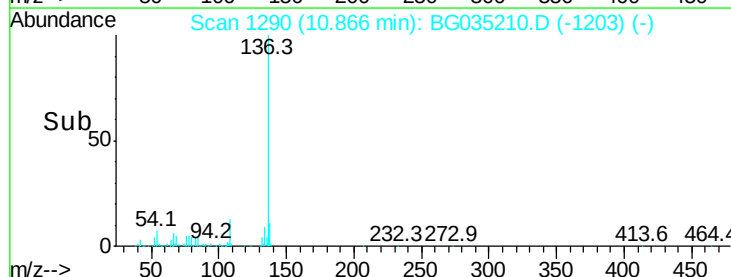
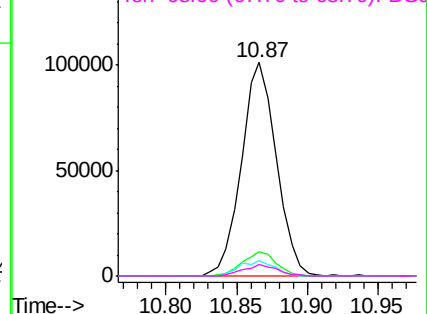
137 11.4 9.2 13.8

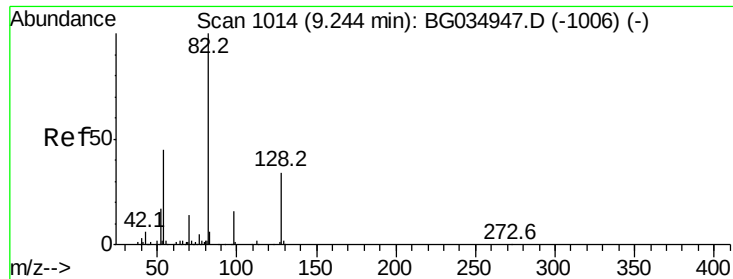
54 7.3 10.3 15.5#

68 5.2 4.5 6.7



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

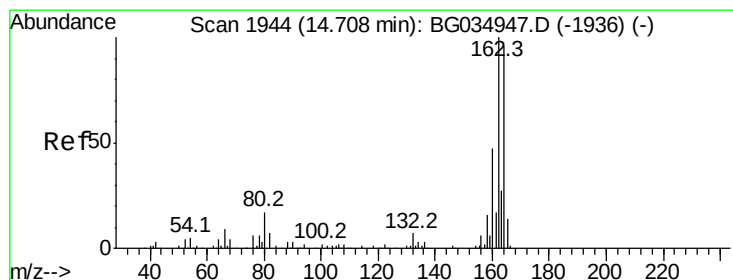
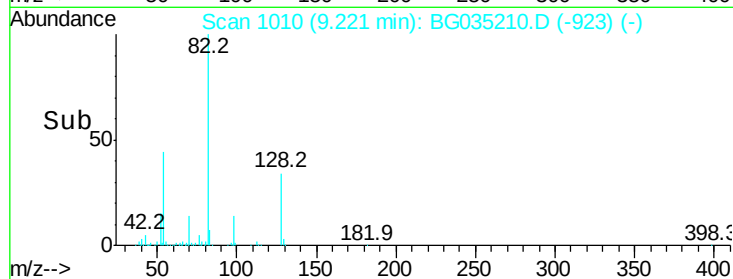
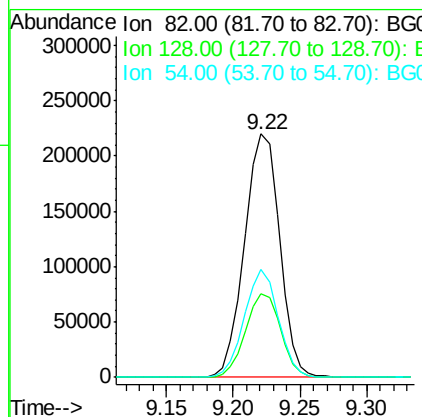
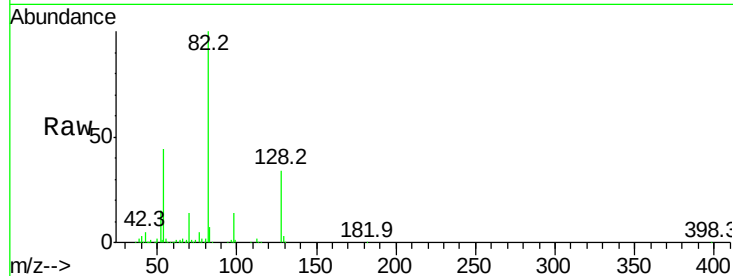




#23
 Nitrobenzene-d5
 Concen: 108.563 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035210.D
 Acq: 16 Jun 2018 16:17

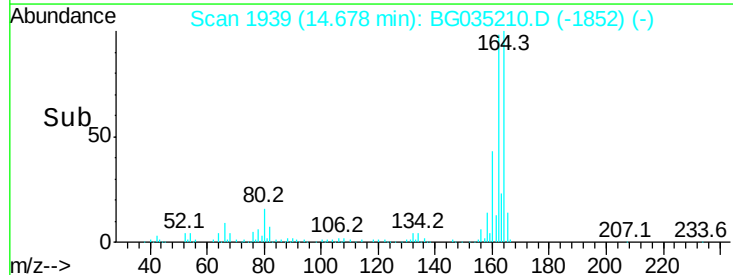
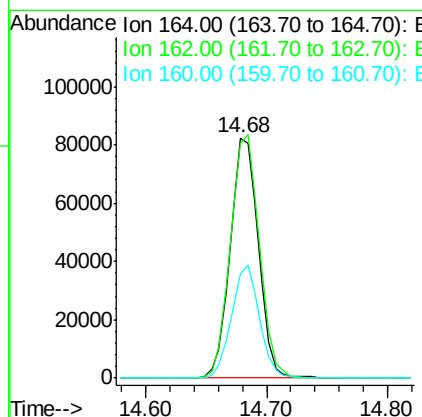
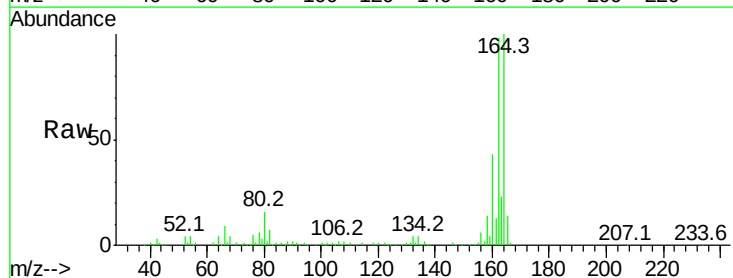
Instrument :
 BNA_G
 ClientSampled :
 OILY-SOIL

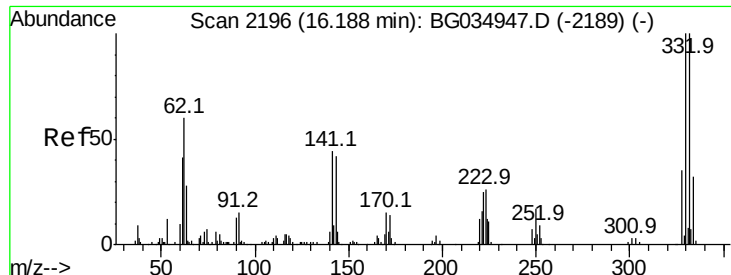
Tot Ion	82	Resp	400453
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.7	44.5
54	44.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035210.D
 Acq: 16 Jun 2018 16:17

Tgt Ion	164	Resp	133462
Ion Ratio	Lower	Upper	
164	100		
162	97.6	78.8	118.2
160	43.3	35.4	53.0

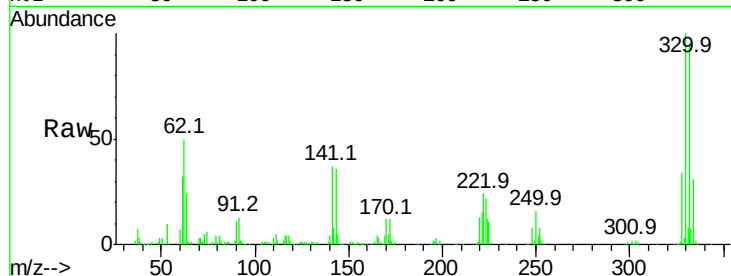




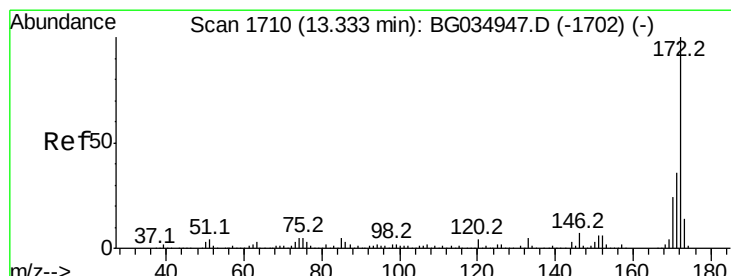
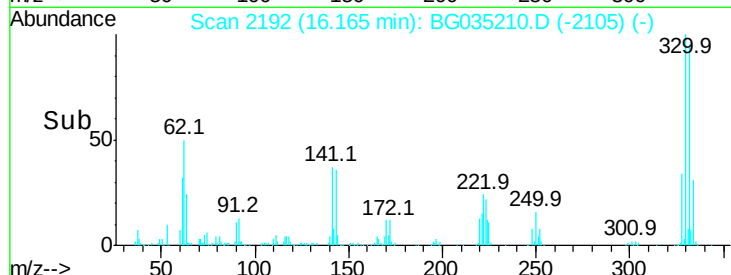
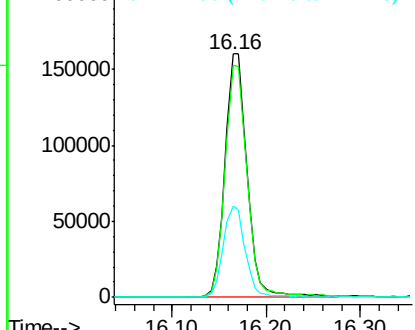
#41
 2,4,6-Tribromophenol
 Concen: 154.162 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035210.D
 Acq: 16 Jun 2018 16:17

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	37.6	25.2	37.8

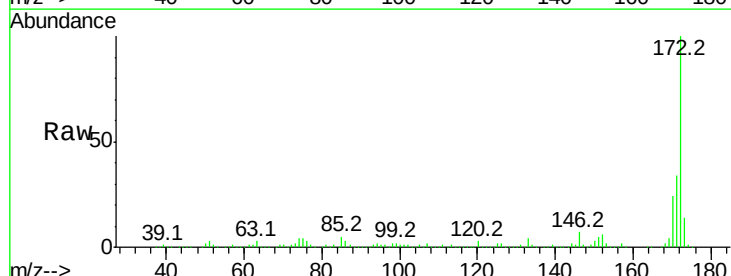


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

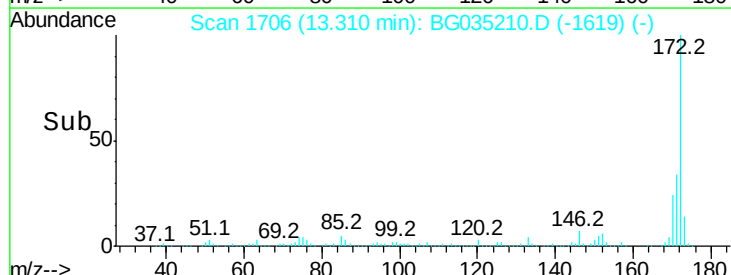
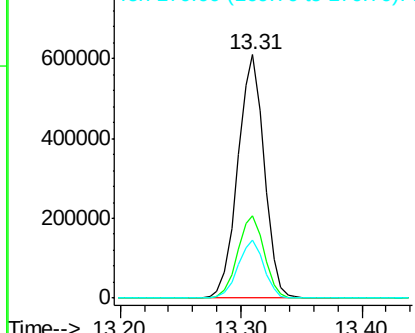


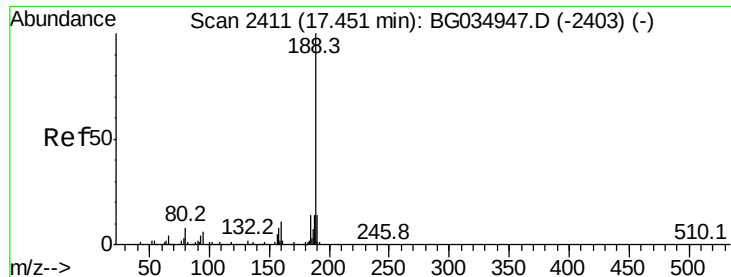
#44
 2-Fluorobiphenyl
 Concen: 90.726 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035210.D
 Acq: 16 Jun 2018 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.8	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

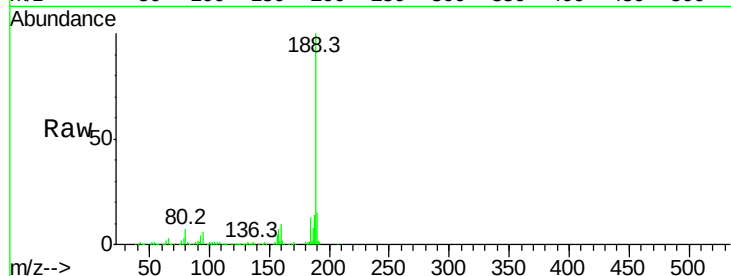
Tot Ion:188 Resp: 369604

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

80 7.1 7.7 11.5#

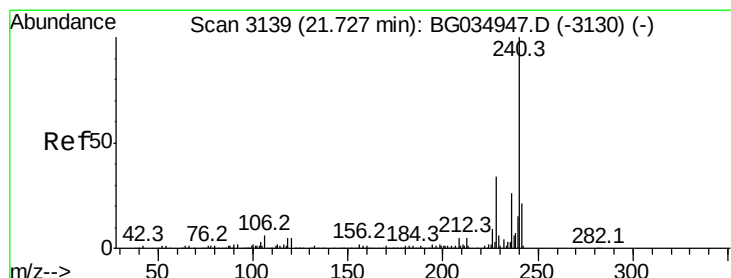
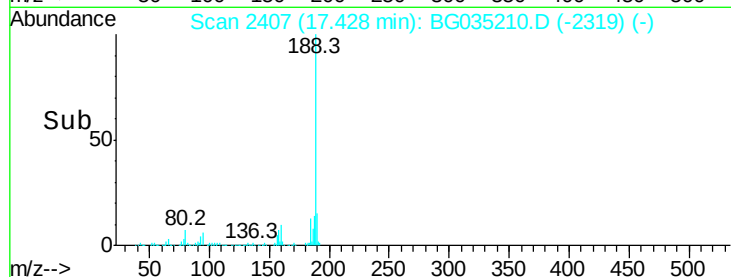
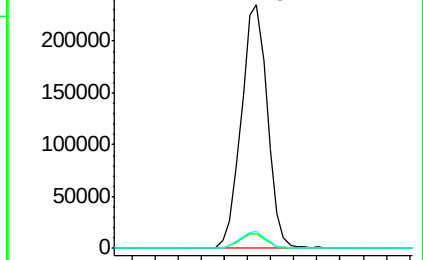


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.43



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

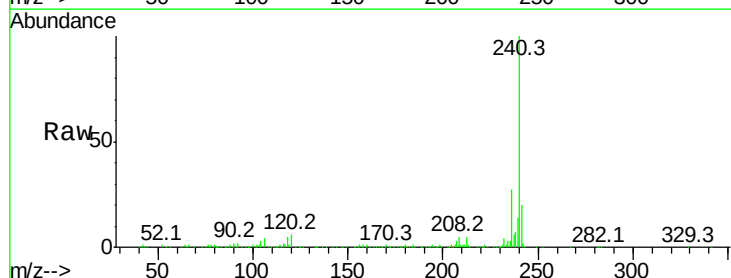
Tgt Ion:240 Resp: 388210

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

236 26.8 20.9 31.3

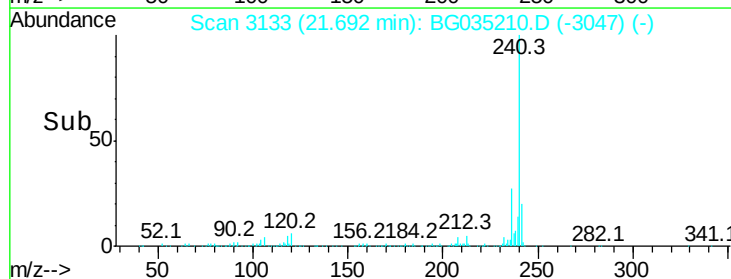
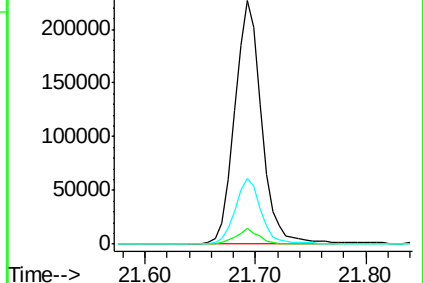


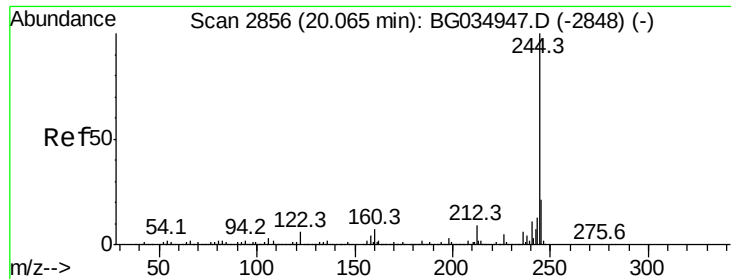
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69





#78

Terphenyl-d14

Concen: 95.801 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

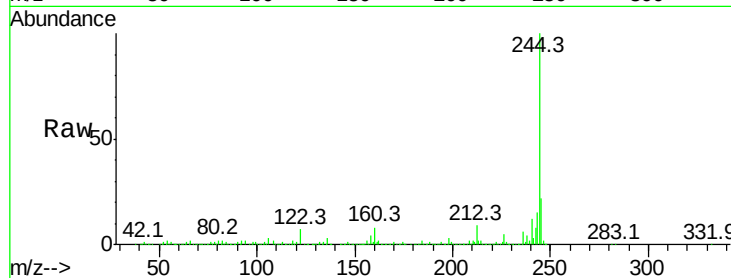
Tot Ion:244 Resp: 1775492

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

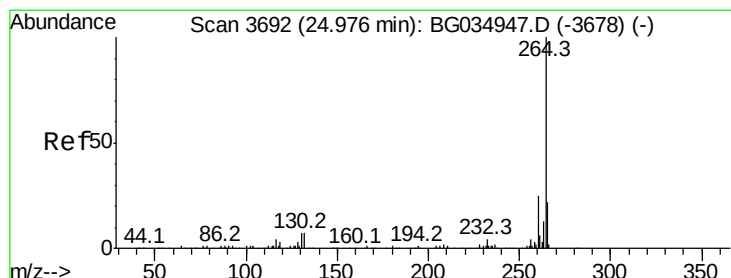
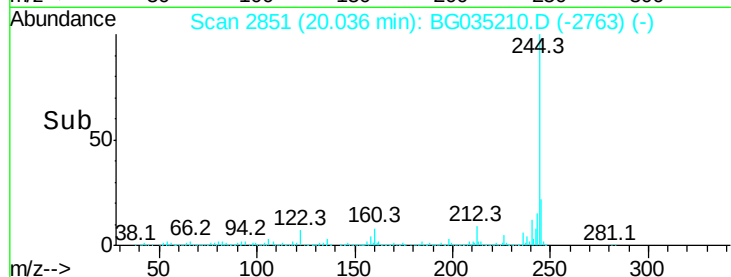
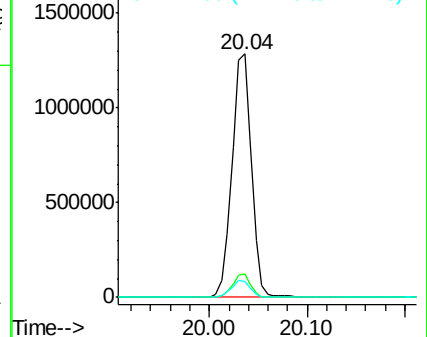
122 6.7 7.0 10.4#



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: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

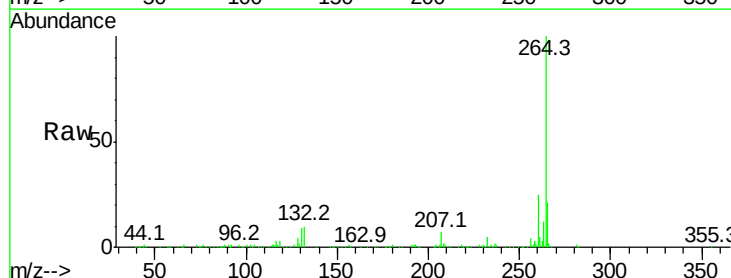
Tgt Ion:264 Resp: 318268

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 20.7 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

