

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033222.D
 Acq On : 17 Mar 2018 7:30
 Operator : SJ/JU
 Sample : J1931-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1499-02-1508-OILY-SOIL

Quant Time: Mar 19 04:27:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36747	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	144657	20.00	ng	-0.01
38) Acenaphthene-d10	15.51	164	104208	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	303947	20.00	ng	0.00
75) Chrysene-d12	22.59	240	318562	20.00	ng	-0.01
86) Perylene-d12	26.40	264	342937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	336739	146.61	ng	0.00
7) Phenol-d6	8.00	99	446490	139.46	ng	-0.01
23) Nitrobenzene-d5	10.10	82	360470	162.67	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	299466	273.31	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	818520	113.28	ng	0.00
78) Terphenyl-d14	20.76	244	1682805	118.68	ng	0.00

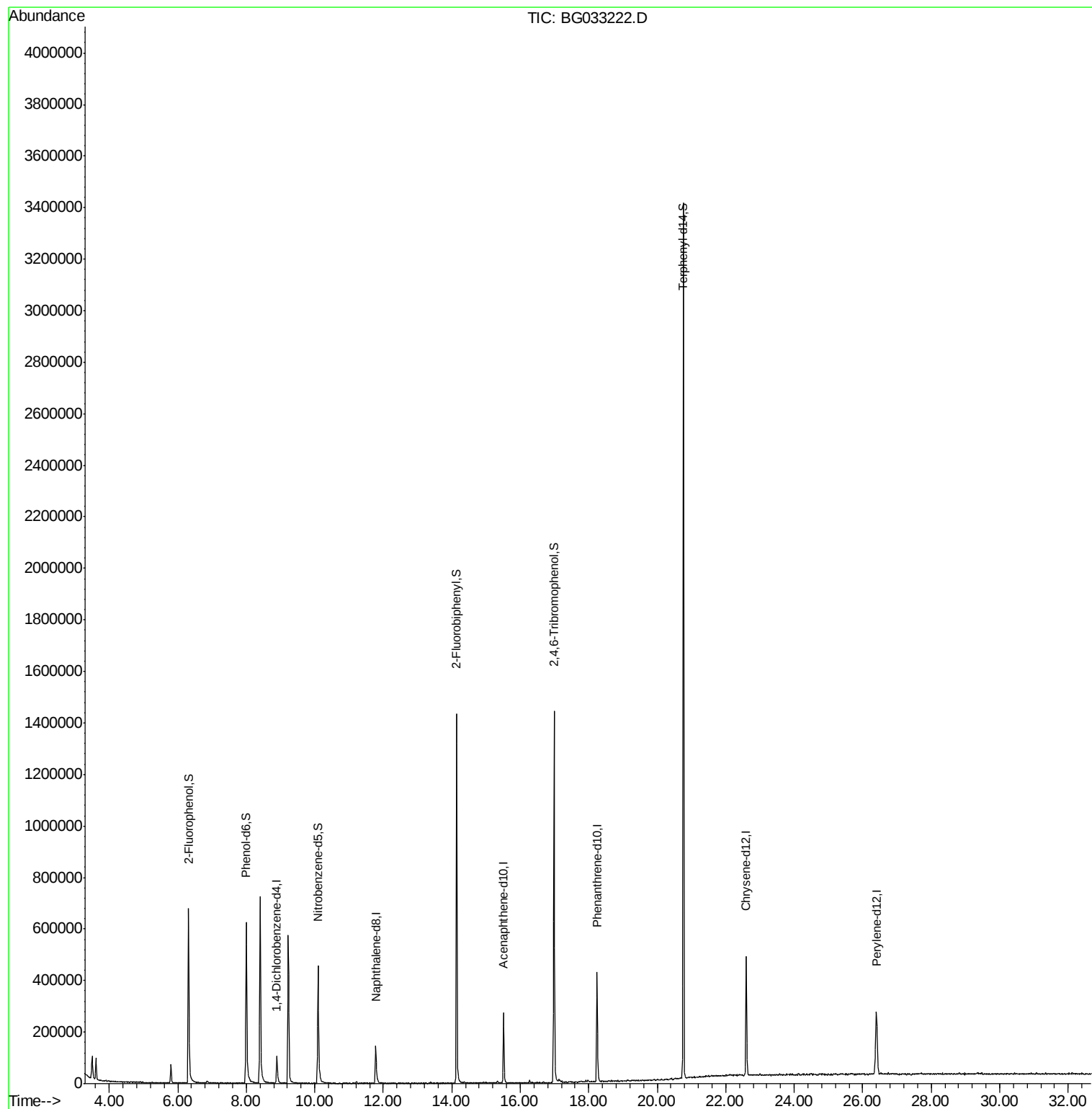
Target Compounds	Qvalue
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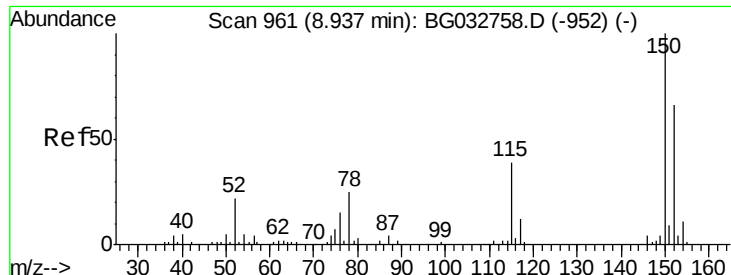
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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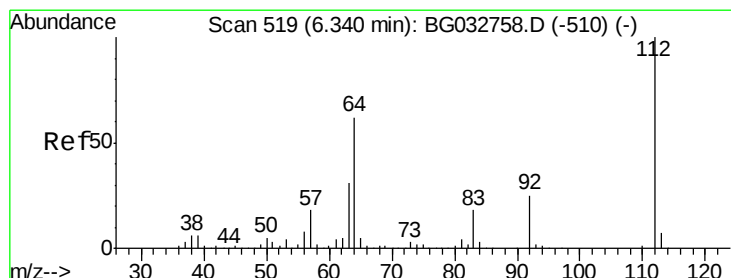
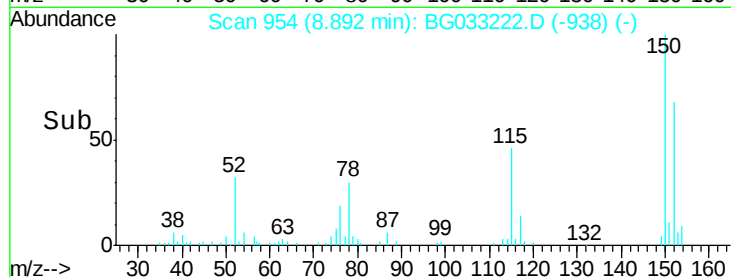
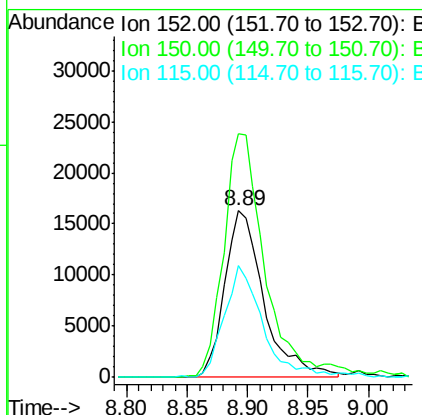
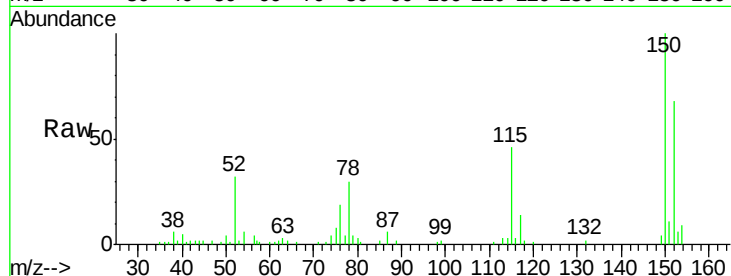


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033222.D
Acq: 17 Mar 2018 7:30

Instrument :
BNA_G
ClientSampleId :
1499-02-1508-OILY-SOIL

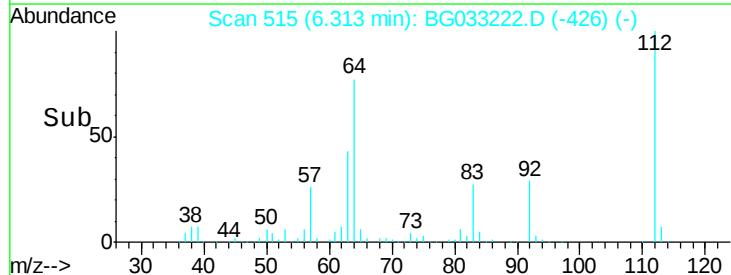
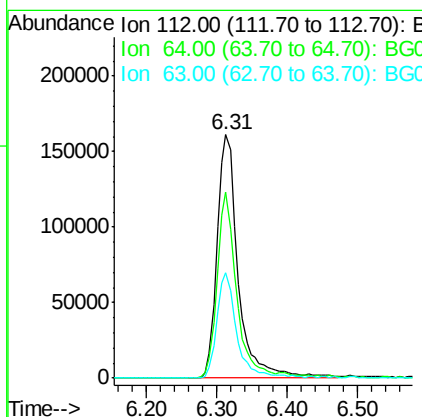
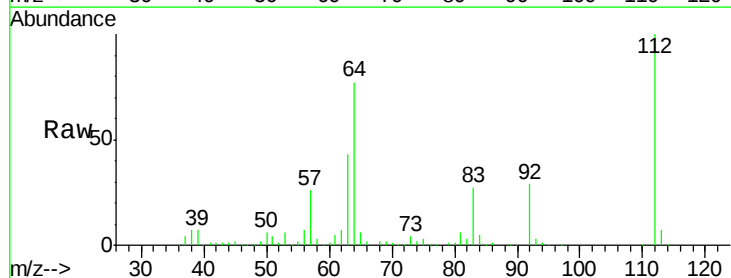
Tot Ion:152 Resp: 36747
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 67.2 53.0 79.4

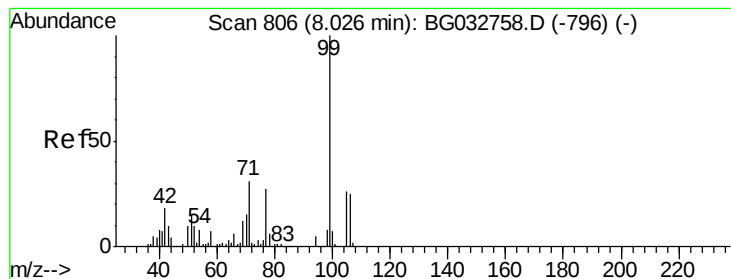


#5

2-Fluorophenol
Concen: 146.606 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033222.D
Acq: 17 Mar 2018 7:30

Tgt Ion:112 Resp: 336739
Ion Ratio Lower Upper
112 100
64 76.6 56.3 84.5
63 43.2 30.1 45.1





#7

Phenol-d6

Concen: 139.460 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

Instrument :

BNA_G

ClientSampleId :

1499-02-1508-OILY-SOIL

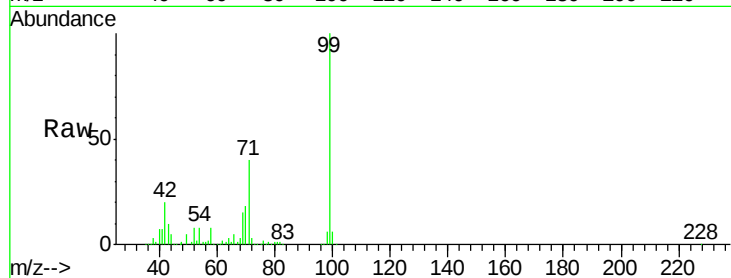
Tot Ion: 99 Resp: 446490

Ion Ratio Lower Upper

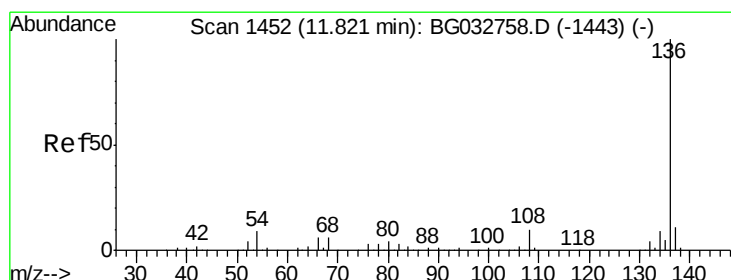
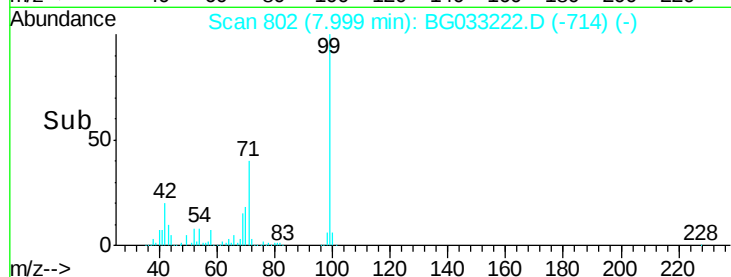
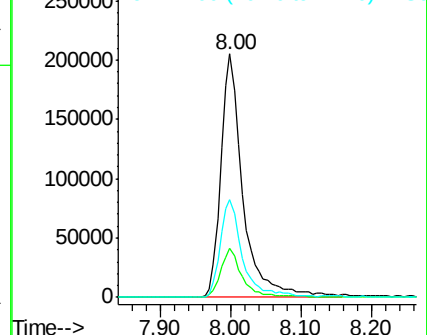
99 100

42 20.1 14.1 21.1

71 40.0 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

Tgt Ion: 136 Resp: 144657

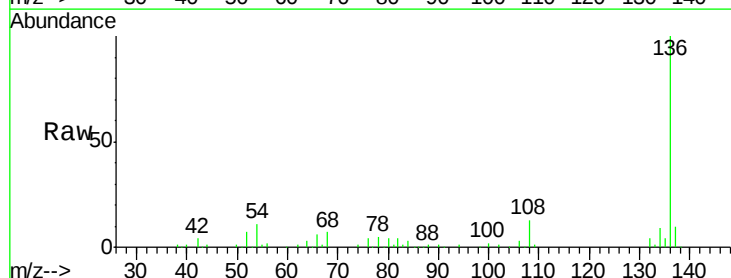
Ion Ratio Lower Upper

136 100

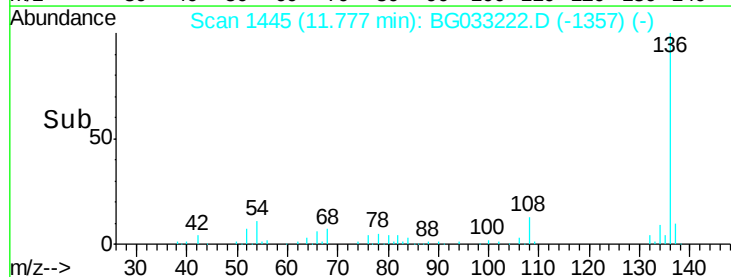
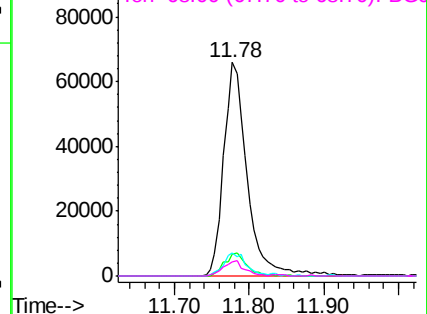
137 10.0 9.2 13.8

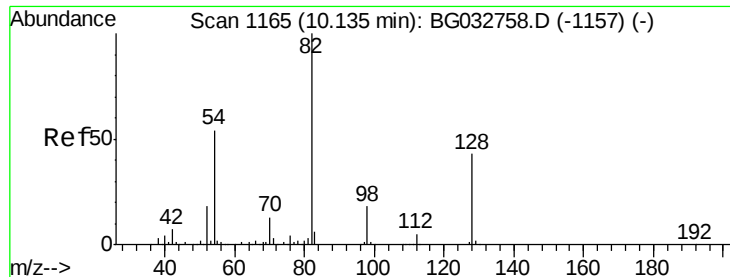
54 11.0 10.3 15.5

68 6.6 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: 162.671 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

Instrument :

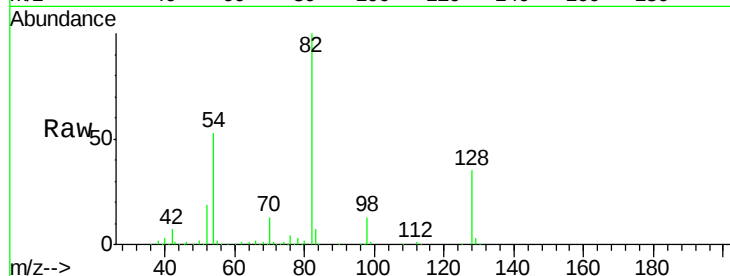
BNA_G

ClientSampleId :

1499-02-1508-OILY-SOIL

Tot Ion: 82 Resp: 360470

Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	53.3	43.1	64.7

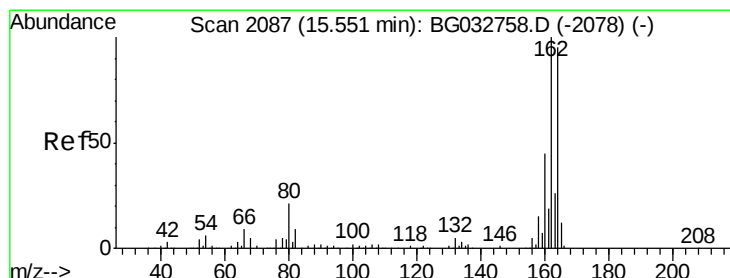
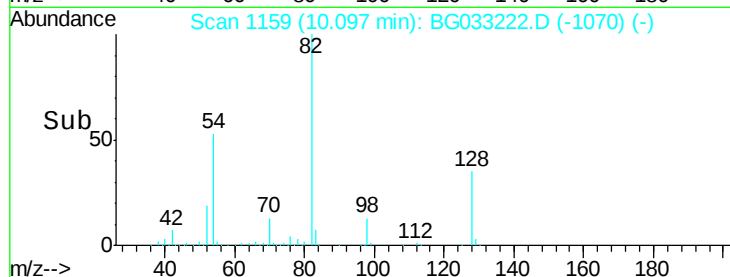
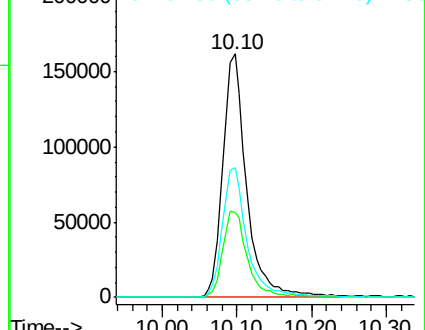


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

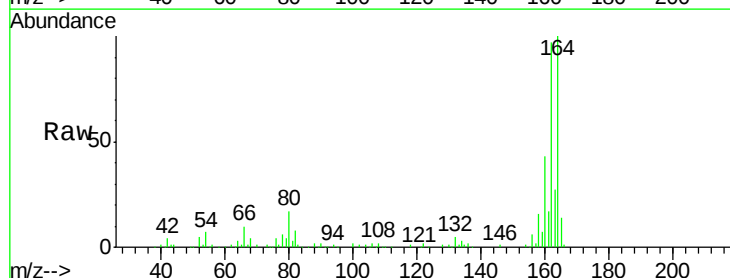
Delta R.T. -0.00 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

Tgt Ion: 164 Resp: 104208

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.8	118.2
160	43.3	35.4	53.0

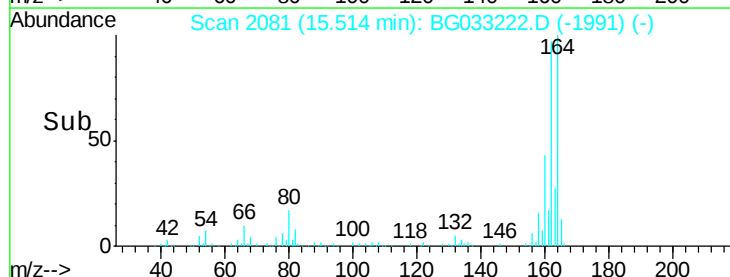
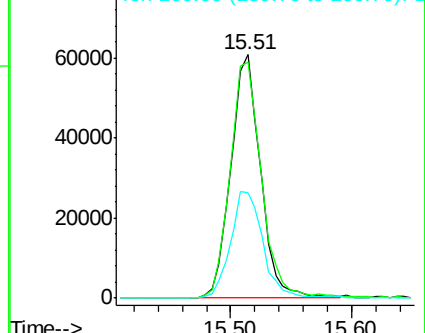


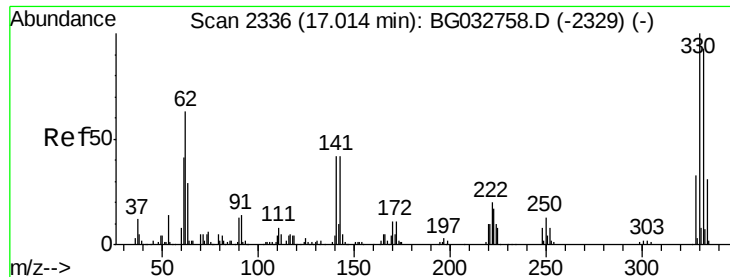
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

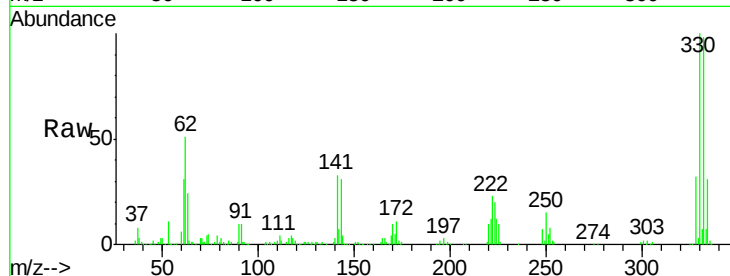




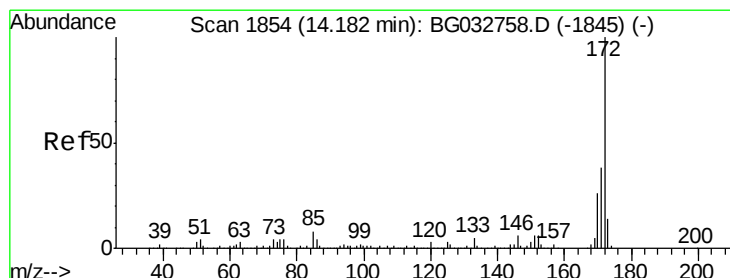
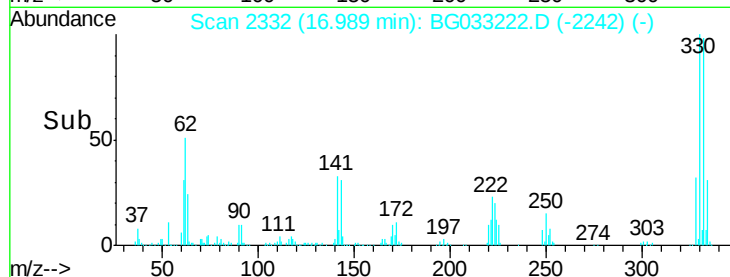
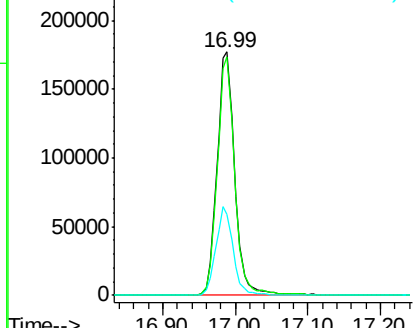
#41
 2,4,6-Tribromophenol
 Concen: 273.307 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033222.D
 Acq: 17 Mar 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 1499-02-1508-OILY-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	35.3	25.2	37.8

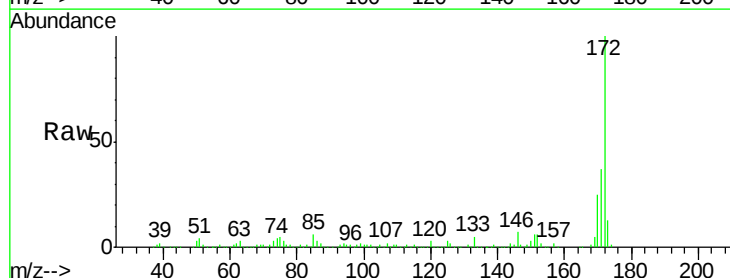


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

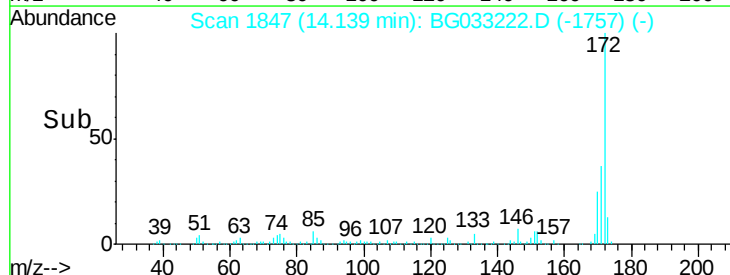
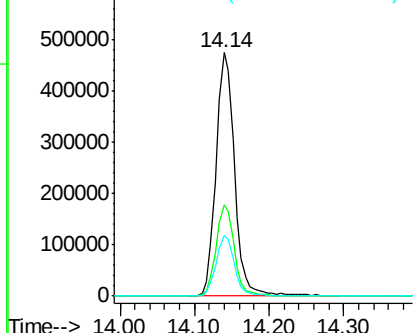


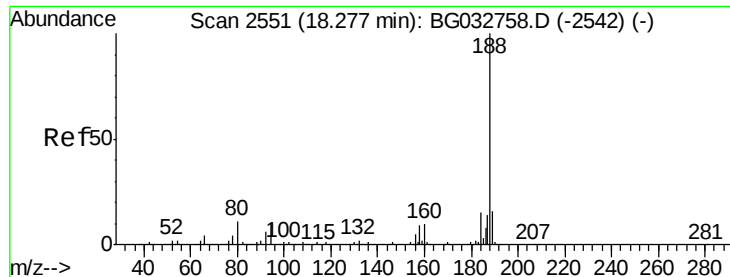
#44
 2-Fluorobiphenyl
 Concen: 113.284 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033222.D
 Acq: 17 Mar 2018 7:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.1	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

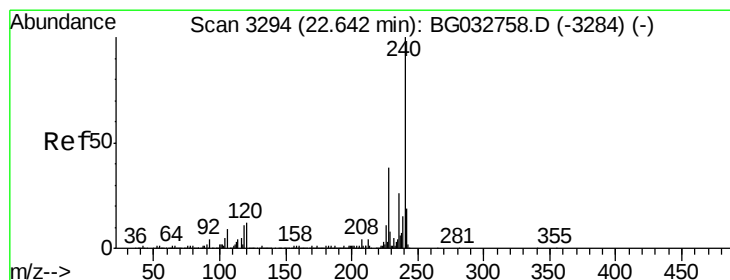
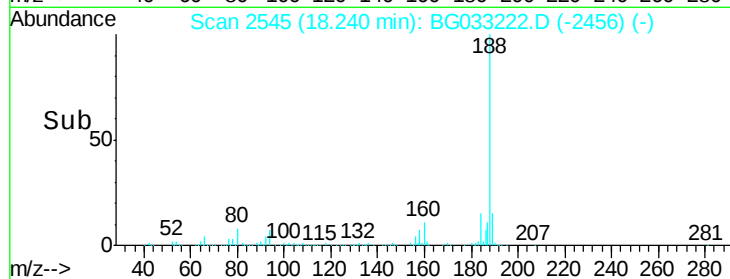
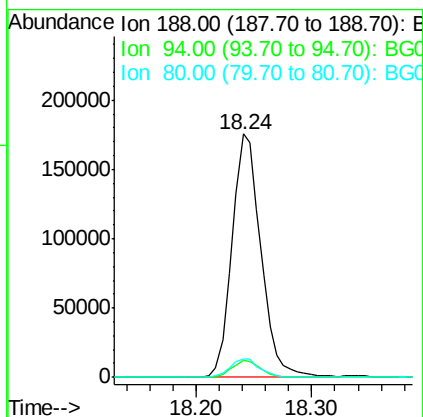
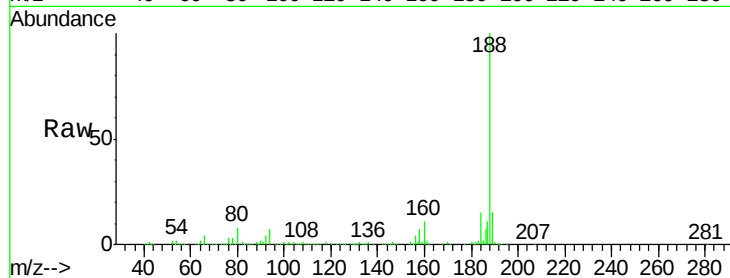




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033222.D
Acq: 17 Mar 2018 7:30

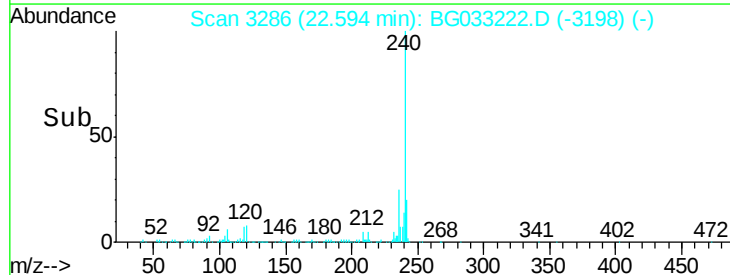
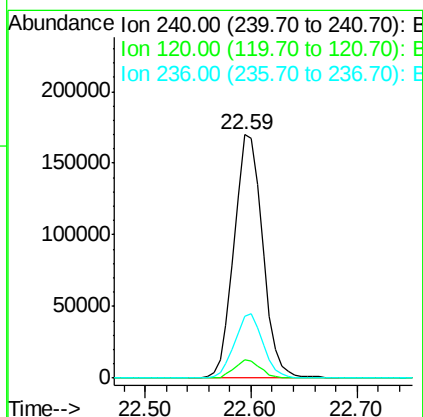
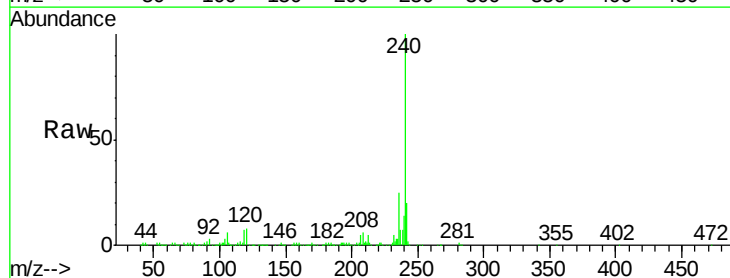
Instrument :
BNA_G
ClientSampleId :
1499-02-1508-OILY-SOIL

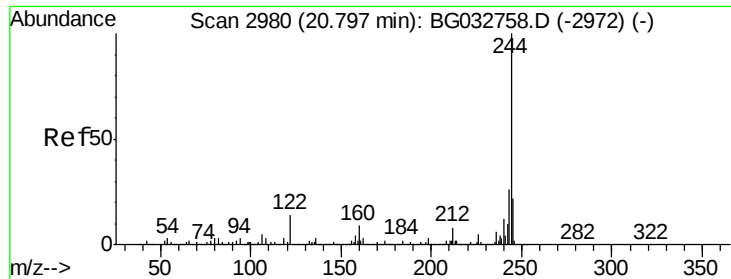
Tot Ion:188 Resp: 303947
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033222.D
Acq: 17 Mar 2018 7:30

Tgt Ion:240 Resp: 318562
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 118.684 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

Instrument :

BNA_G

ClientSampleId :

1499-02-1508-OILY-SOIL

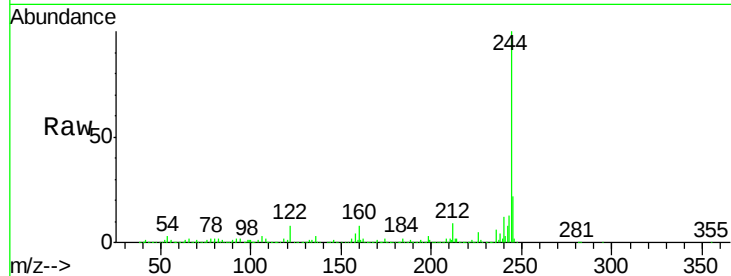
Tot Ion:244 Resp: 1682805

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

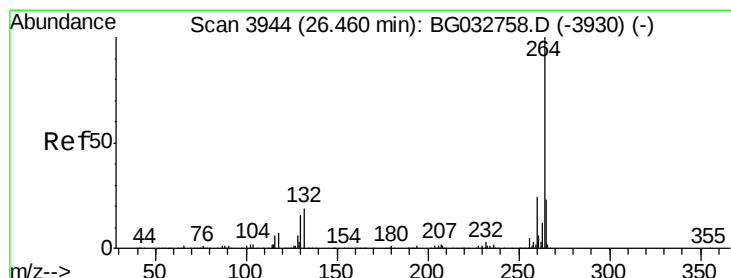
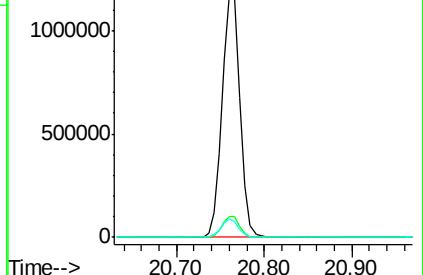
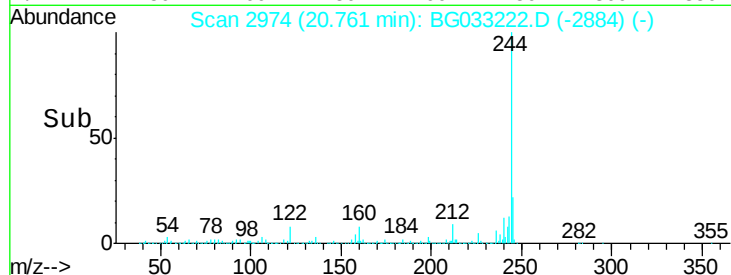
122 7.5 7.0 10.4



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: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033222.D

Acq: 17 Mar 2018 7:30

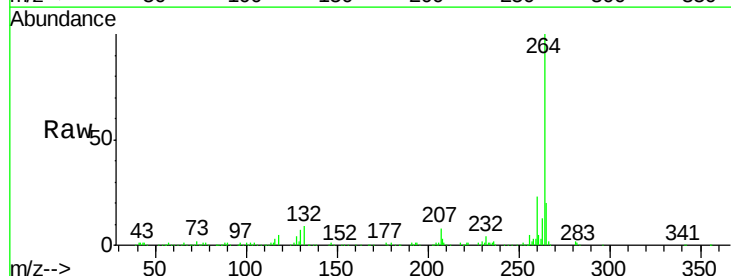
Tgt Ion:264 Resp: 342937

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 19.7 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

