

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033187.D
 Acq On : 15 Mar 2018 21:40
 Operator : SJ/JU
 Sample : J1913-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-M8

Quant Time: Mar 16 05:56:49 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

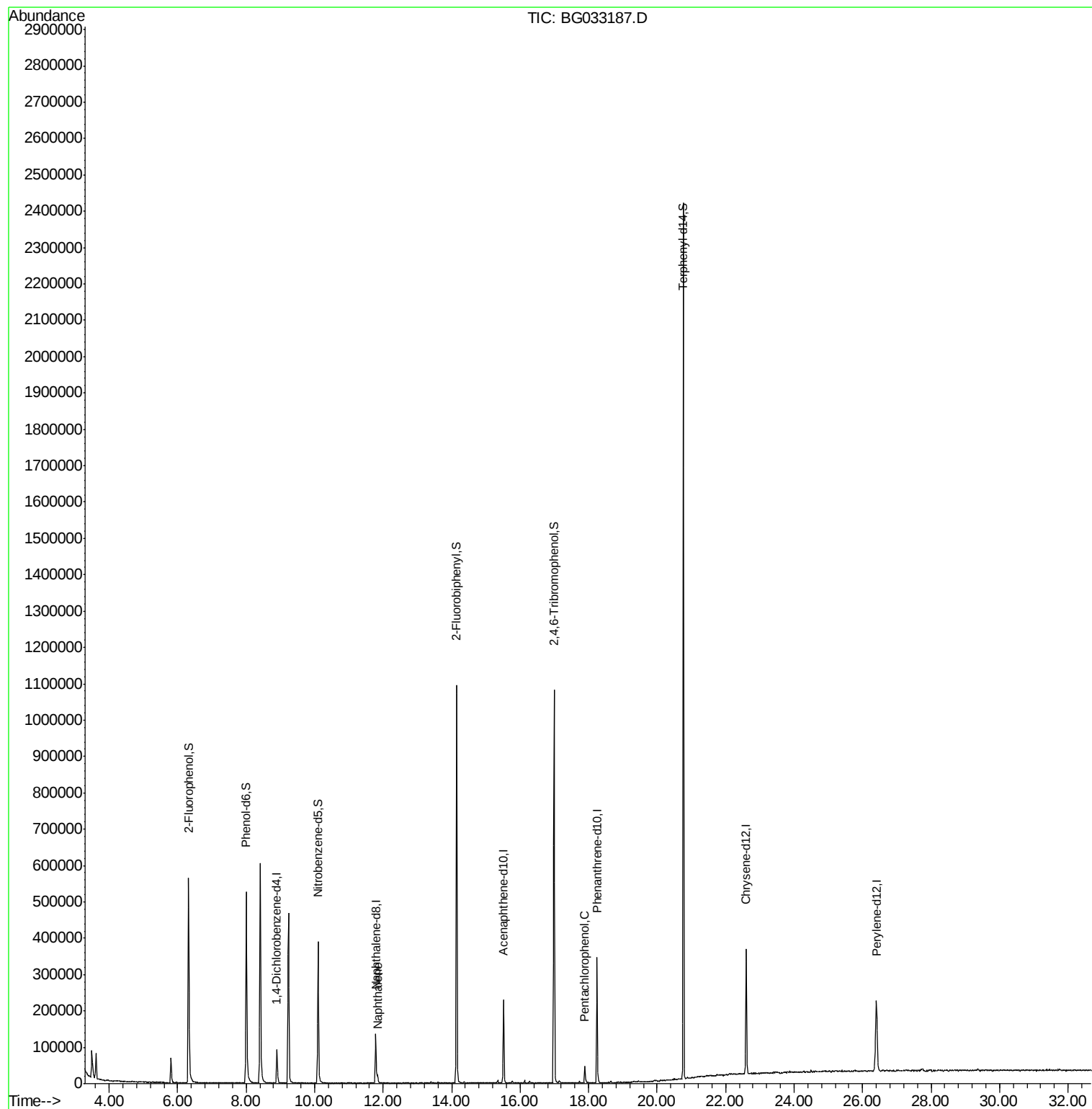
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	31468	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	135303	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	81674	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	217825	20.00	ng	0.00
75) Chrysene-d12	22.60	240	227861	20.00	ng	0.00
86) Perylene-d12	26.41	264	247690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	296183	150.58	ng	0.00
7) Phenol-d6	8.00	99	371143	135.37	ng	0.00
23) Nitrobenzene-d5	10.10	82	264788	129.88	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	225040	262.05	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	609658	107.66	ng	0.00
78) Terphenyl-d14	20.77	244	1136351	112.05	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	23005	3.254	ng	97
69) Pentachlorophenol	17.88	266	10721	6.838	ng	91

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

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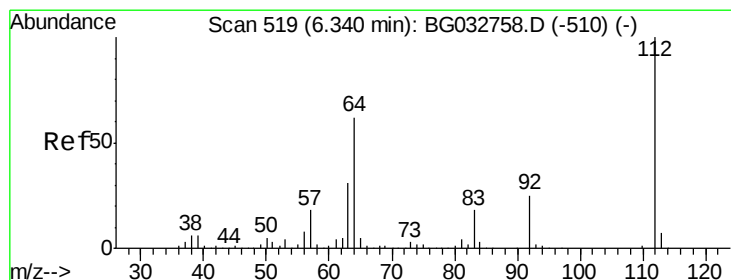
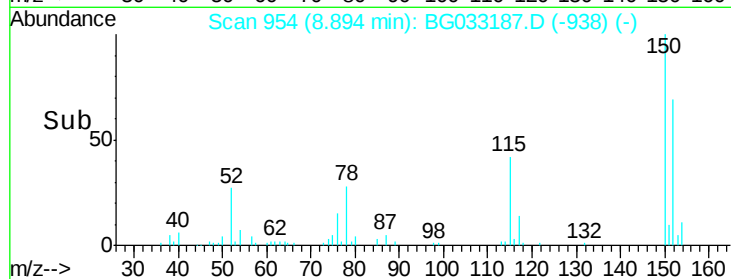
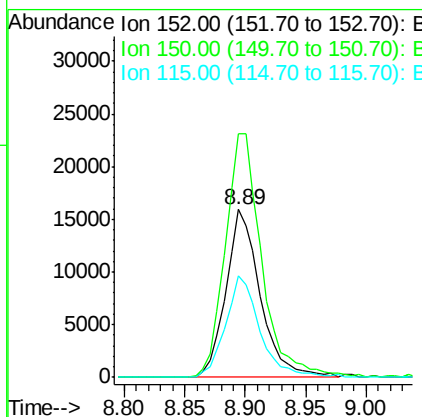
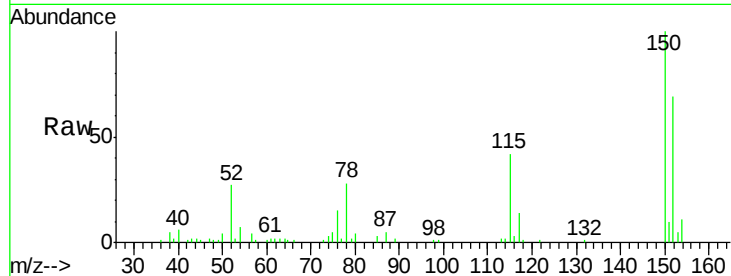


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Instrument :
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 ClientSampleId :
 OILY-SOIL-M8

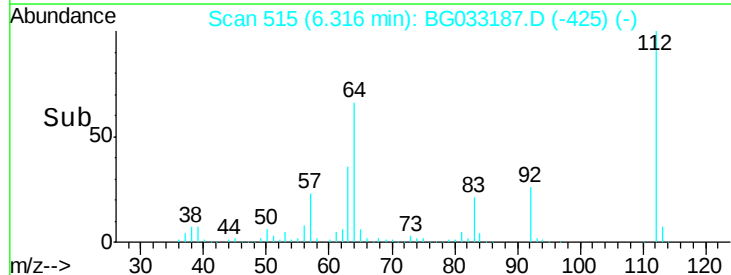
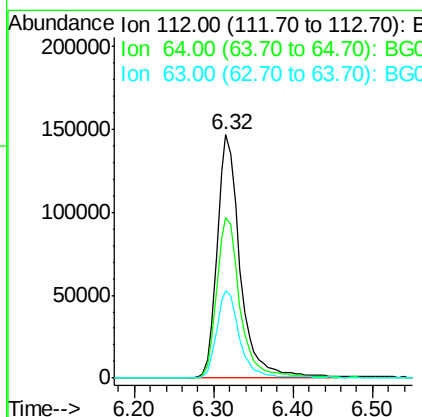
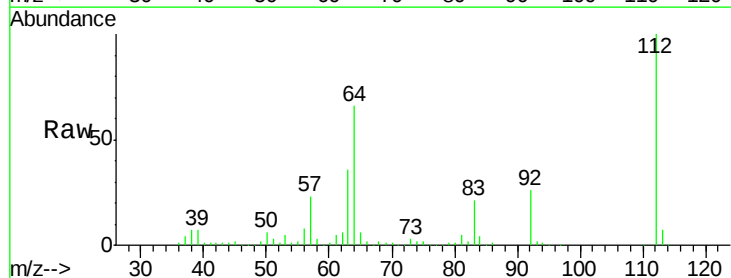
Tot Ion:152 Resp: 31468
 Ion Ratio Lower Upper
 152 100
 150 145.1 126.6 189.8
 115 60.2 53.0 79.4



#5

2-Fluorophenol
 Concen: 150.581 ng
 RT: 6.32 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Tgt Ion:112 Resp: 296183
 Ion Ratio Lower Upper
 112 100
 64 66.1 56.3 84.5
 63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 135.373 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-M8

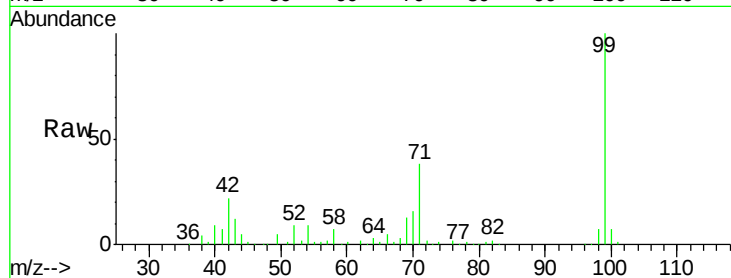
Tot Ion: 99 Resp: 371143

Ion Ratio Lower Upper

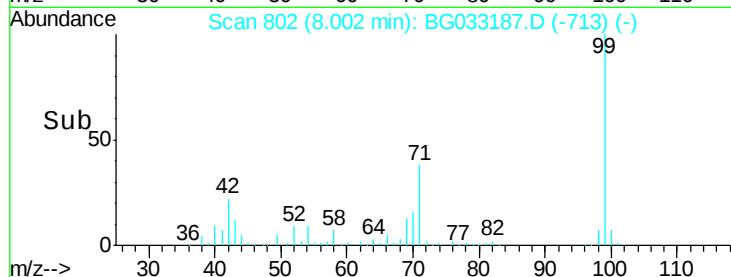
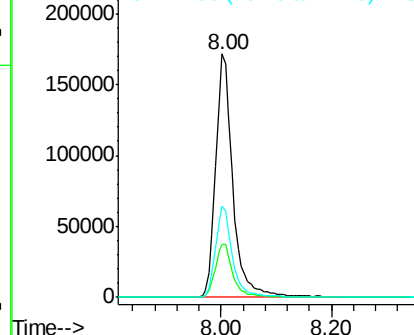
99 100

42 21.8 14.1 21.1#

71 37.7 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# 1446

Delta R.T. -0.00 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

Tgt Ion: 136 Resp: 135303

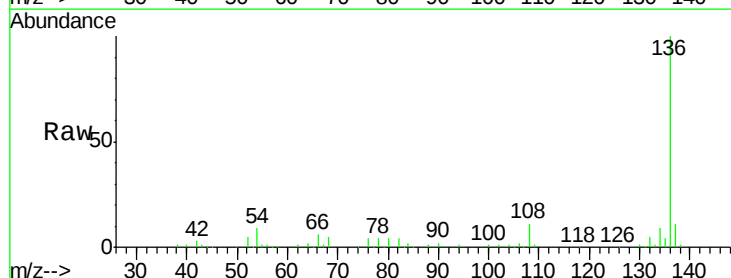
Ion Ratio Lower Upper

136 100

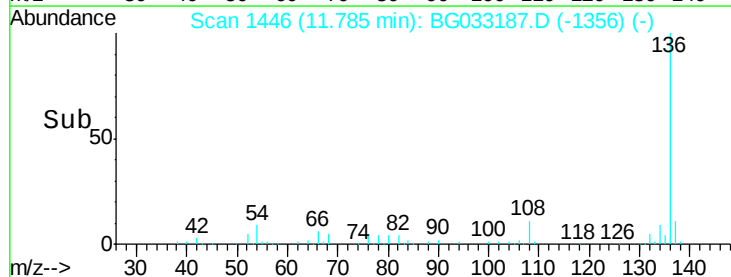
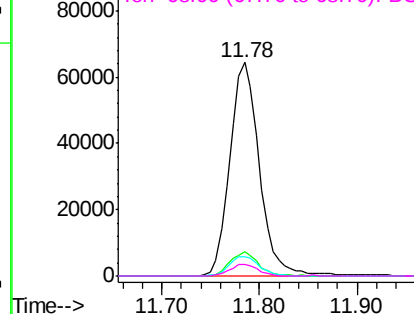
137 11.3 9.2 13.8

54 8.9 10.3 15.5#

68 5.5 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: 129.881 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-M8

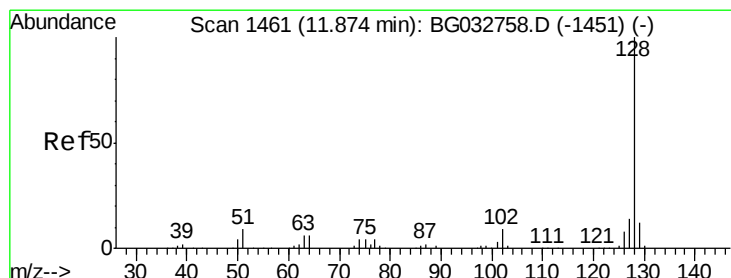
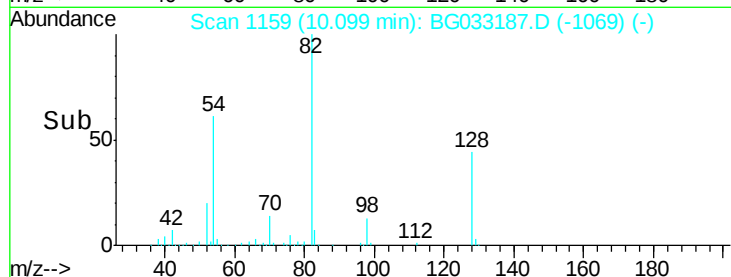
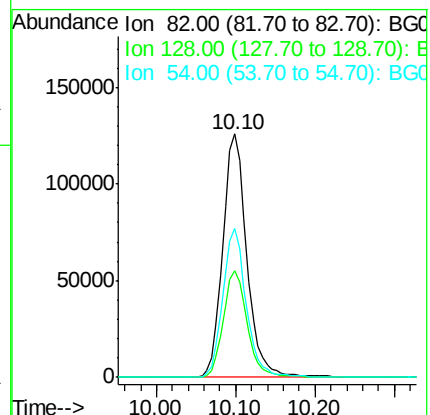
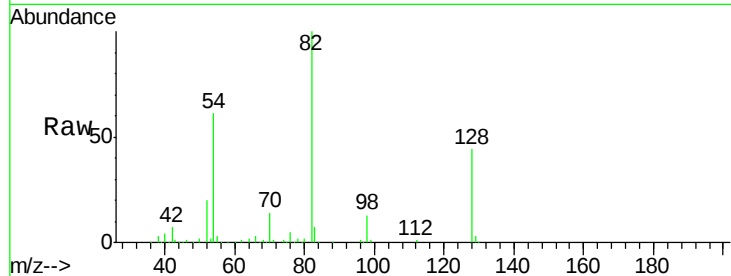
Tot Ion: 82 Resp: 264788

Ion Ratio Lower Upper

82 100

128 44.1 29.7 44.5

54 61.2 43.1 64.7



#31

Naphthalene

Concen: 3.254 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

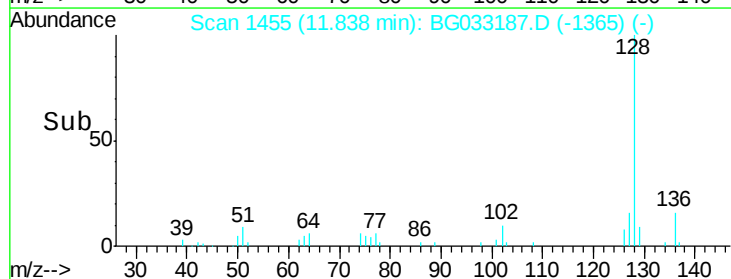
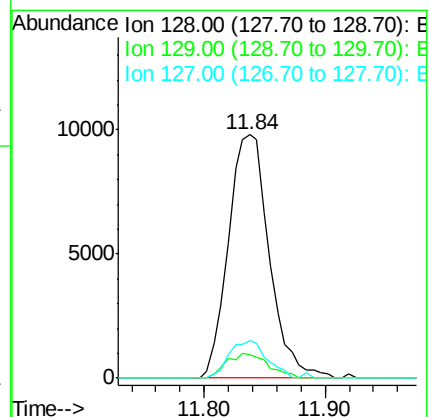
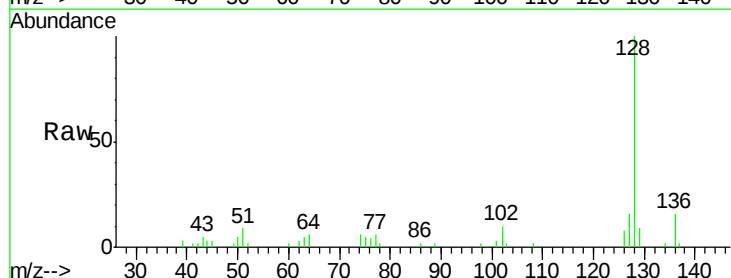
Tgt Ion: 128 Resp: 23005

Ion Ratio Lower Upper

128 100

129 9.4 8.6 12.8

127 15.6 11.6 17.4

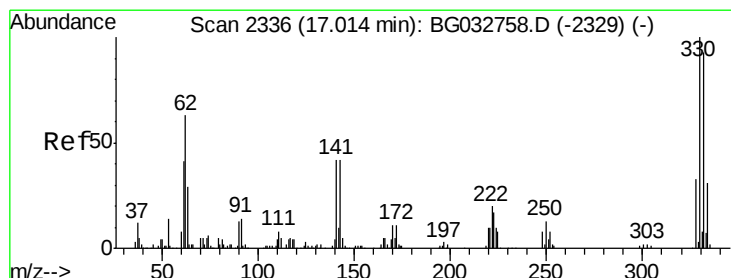
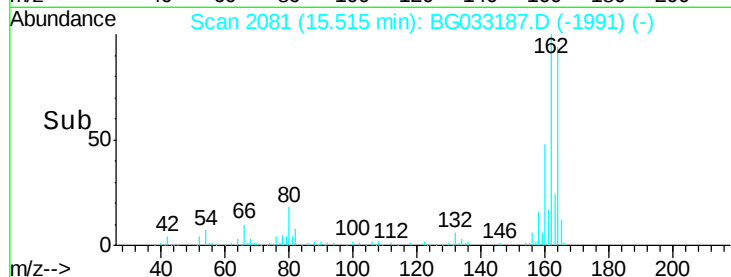
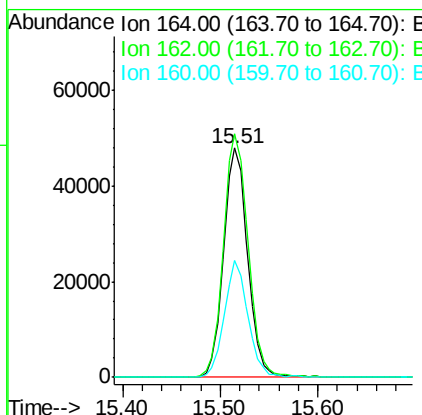
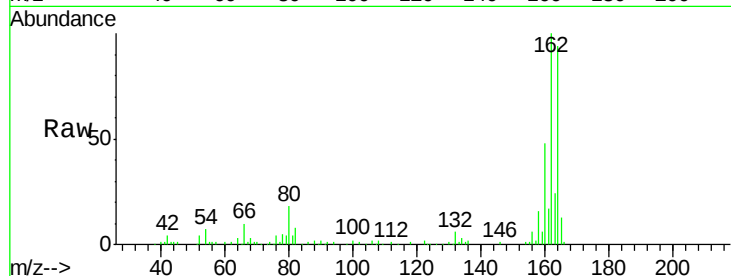




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

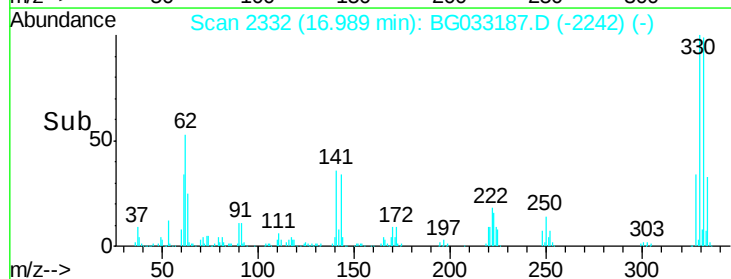
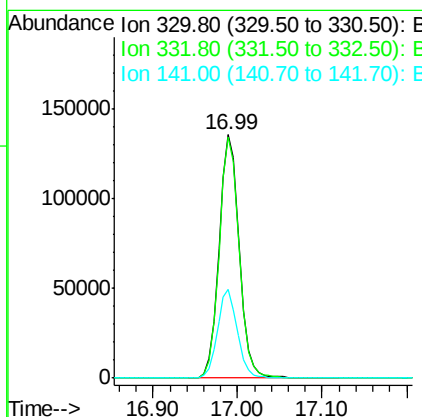
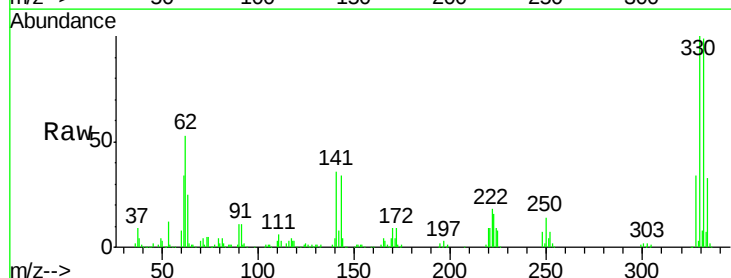
Instrument :
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 OILY-SOIL-M8

Tot Ion:164 Resp: 81674
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.8 118.2
 160 50.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 262.048 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Tgt Ion:330 Resp: 225040
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 36.0 25.2 37.8

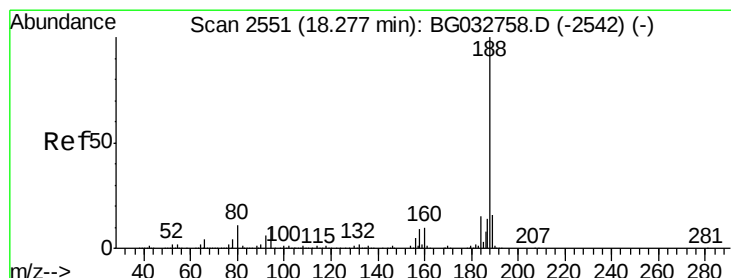
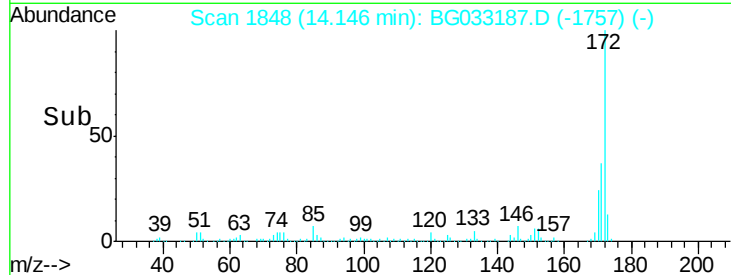
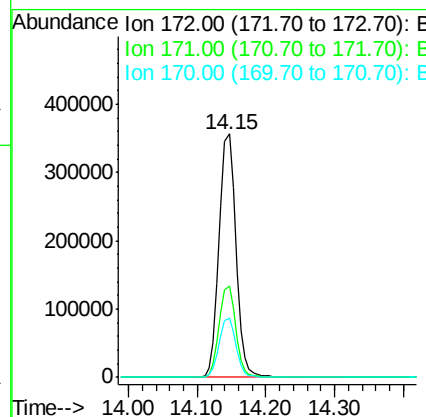
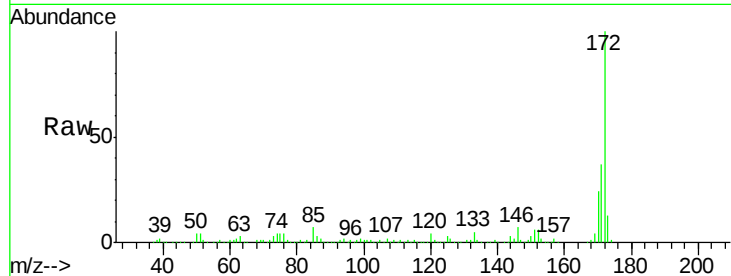




#44
 2-Fluorobiphenyl
 Concen: 107.657 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

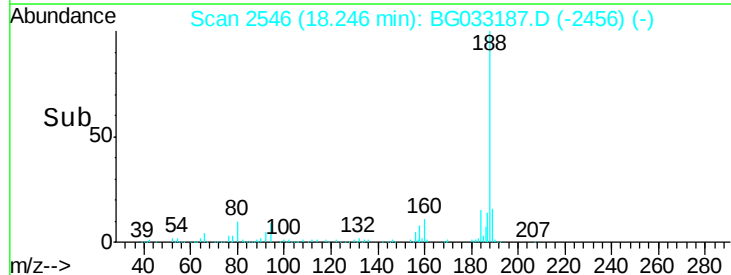
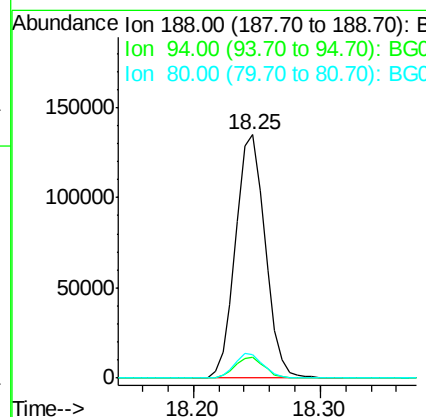
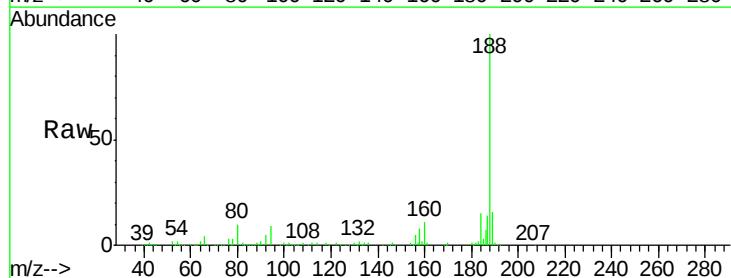
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-M8

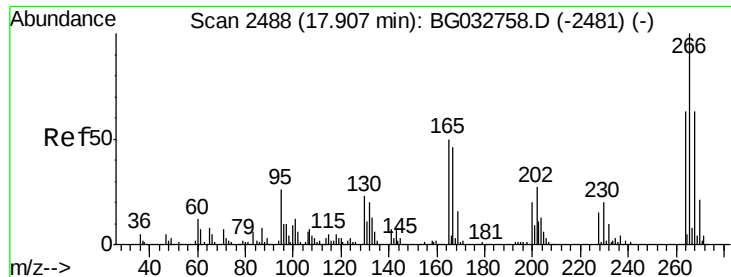
Tot Ion:172 Resp: 609658
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Tgt Ion:188 Resp: 217825
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.9 10.3
 80 9.7 7.7 11.5

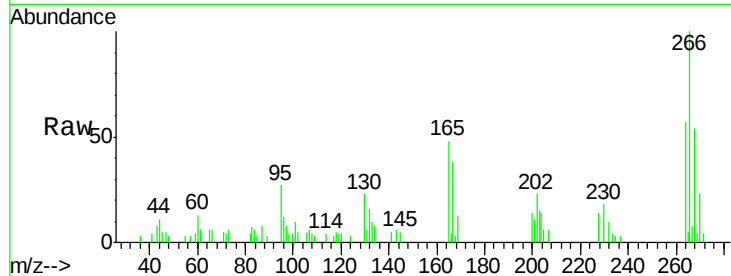




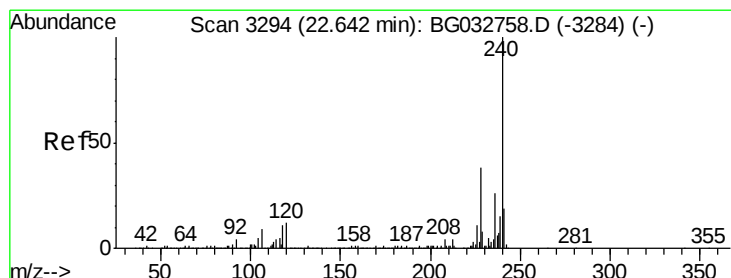
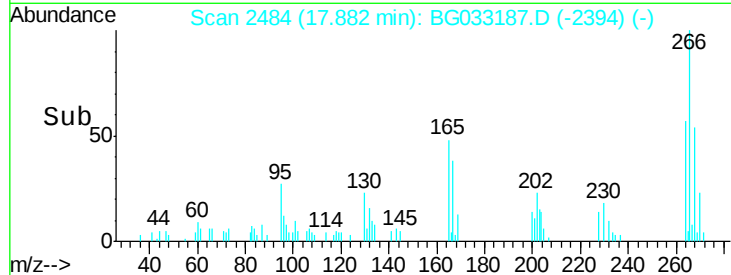
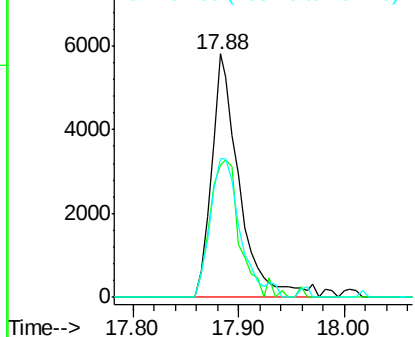
#69
 Pentachlorophenol
 Concen: 6.838 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-M8

Tot Ion:266 Resp: 10721
 Ion Ratio Lower Upper
 266 100
 268 54.4 51.1 76.7
 264 57.1 49.6 74.4

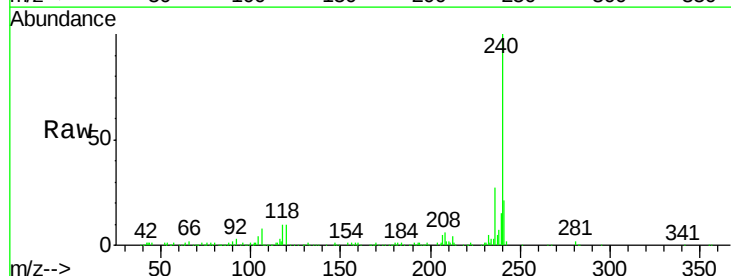


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

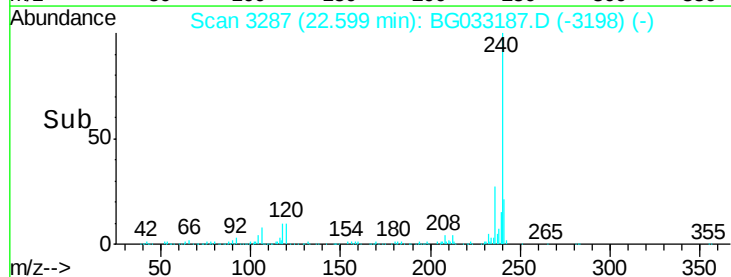
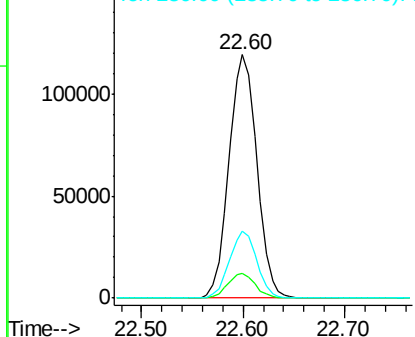


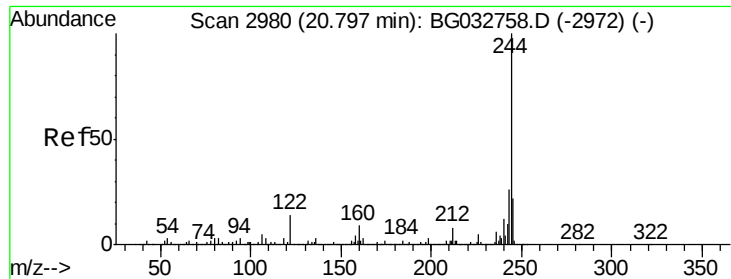
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033187.D
 Acq: 15 Mar 2018 21:40

Tgt Ion:240 Resp: 227861
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.8 10.2
 236 27.5 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





#78

Terphenyl-d14

Concen: 112.045 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-M8

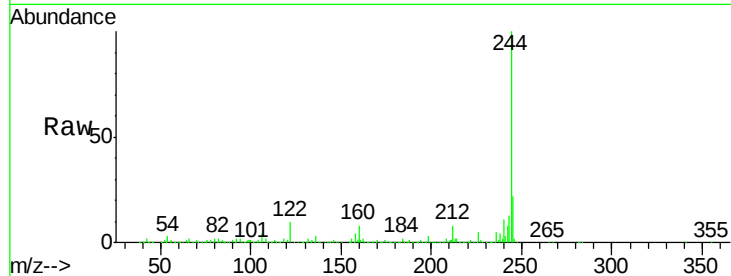
Tot Ion:244 Resp: 1136351

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

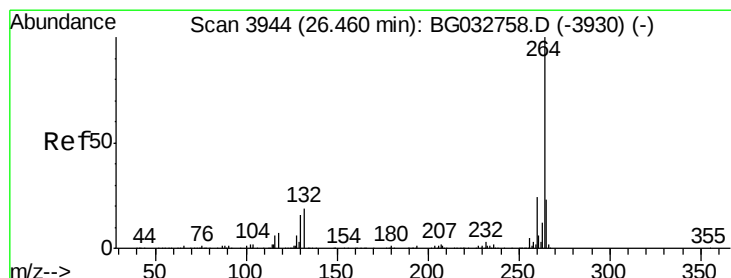
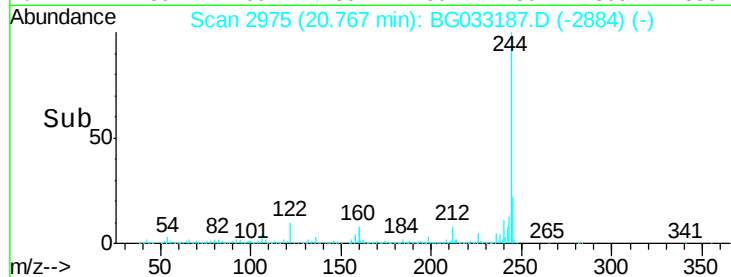
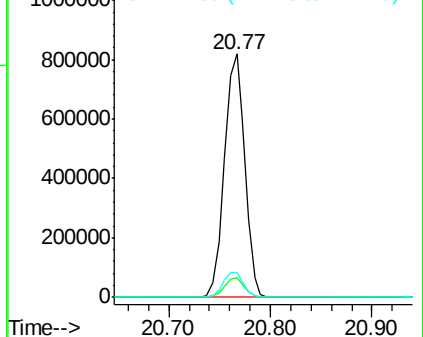
122 10.3 7.0 10.4



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: 26.41 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033187.D

Acq: 15 Mar 2018 21:40

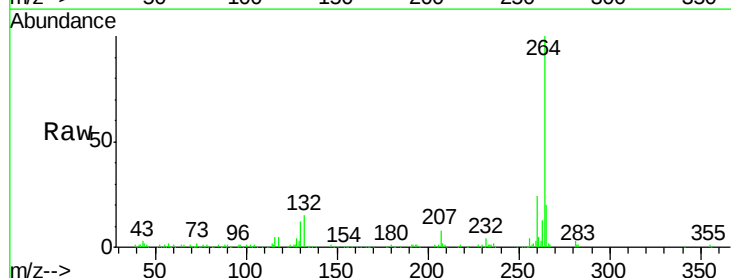
Tgt Ion:264 Resp: 247690

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.0 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

