

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041287.D
 Acq On : 18 Jun 2019 1:23
 Operator : HP/JU
 Sample : K3366-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 18 08:13:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36513	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	140891	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104367	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	254386	20.00	ng	0.00
76) Chrysene-d12	21.74	240	259086	20.00	ng	0.00
87) Perylene-d12	25.05	264	275184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	263417	132.56	ng	0.00
7) Phenol-d6	7.24	99	333304	115.71	ng	0.00
23) Nitrobenzene-d5	9.26	82	324194	96.77	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	231379	144.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	744444	96.95	ng	0.00
79) Terphenyl-d14	20.06	244	1295199	99.07	ng	0.00

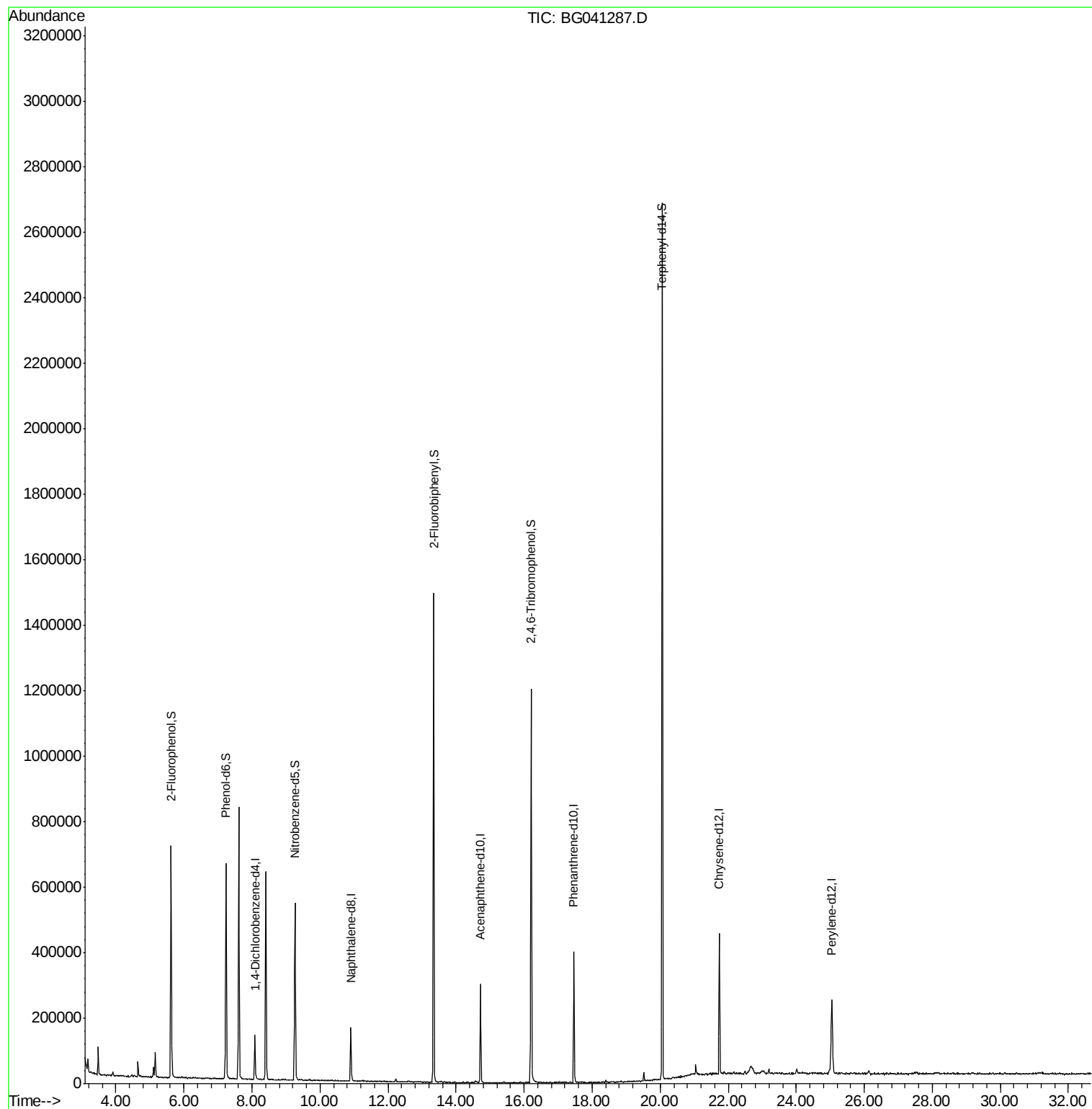
Target Compounds Qvalue

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

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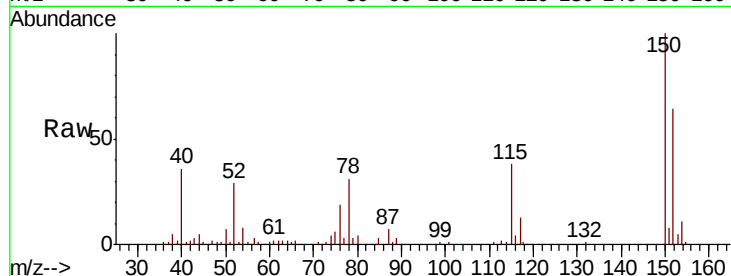


#1

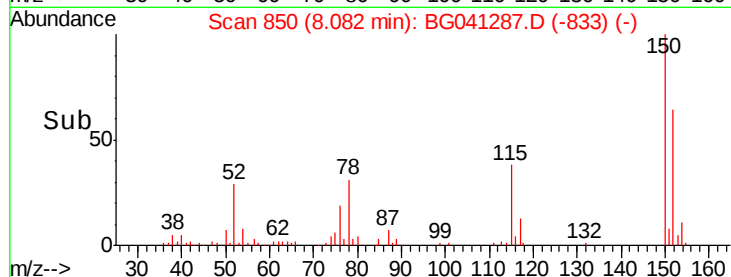
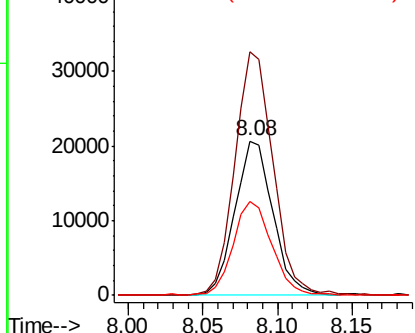
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

Instrument :
BNA_G
ClientSampled :
OILY-SOIL

Tot Ion:152 Resp: 36513
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 60.6 47.9 71.9



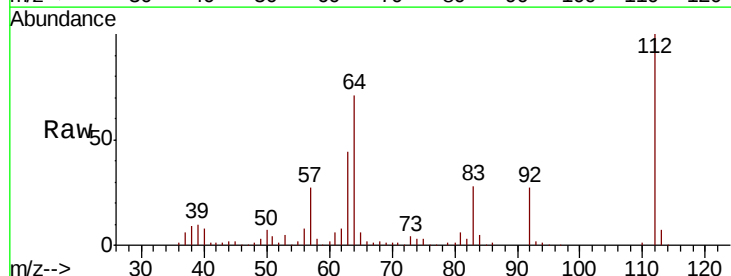
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



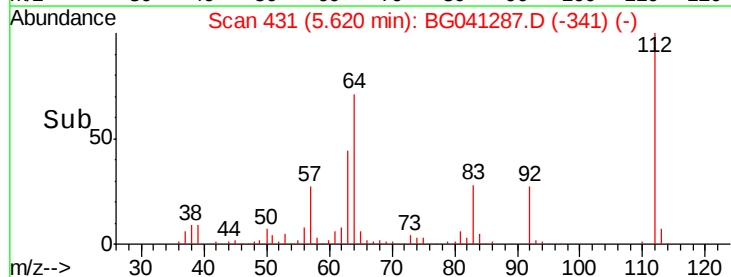
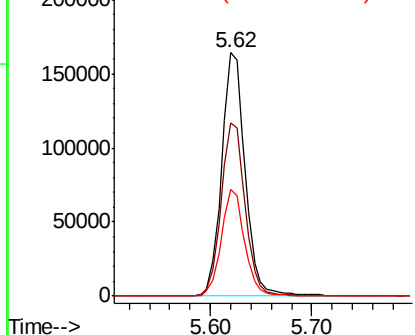
#5

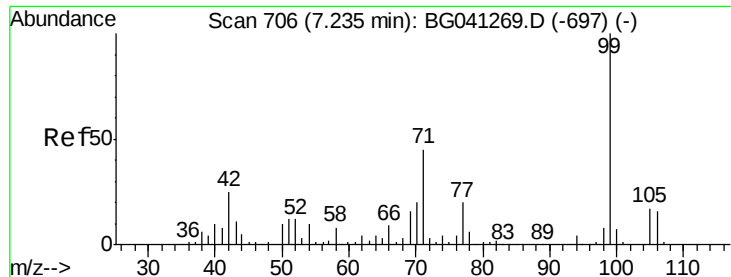
2-Fluorophenol
Concen: 132.557 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

Tgt Ion:112 Resp: 263417
Ion Ratio Lower Upper
112 100
64 71.4 55.9 83.9
63 43.7 34.6 51.8



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: 115.712 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

Instrument :

BNA_G

ClientSampled :

OILY-SOIL

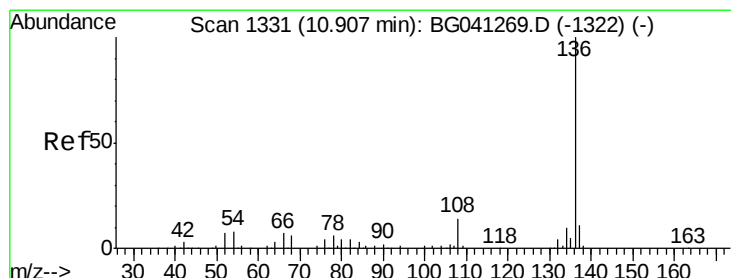
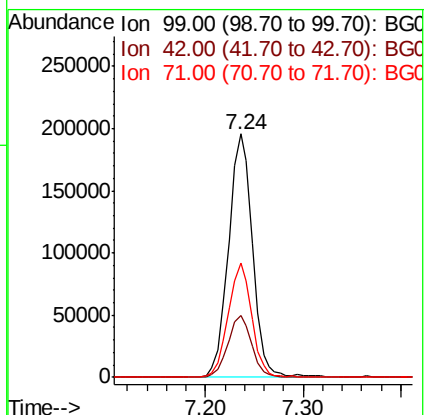
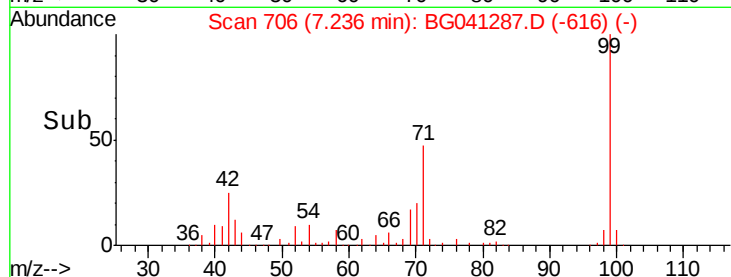
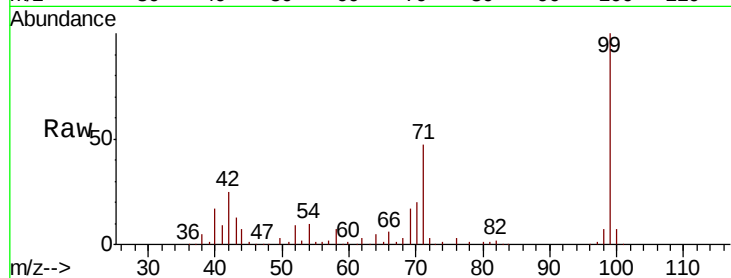
Tot Ion: 99 Resp: 333304

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

71 47.2 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

Tgt Ion: 136 Resp: 140891

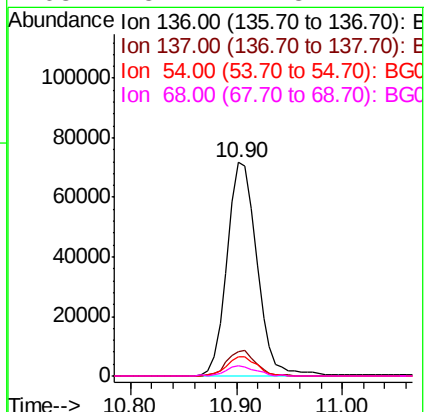
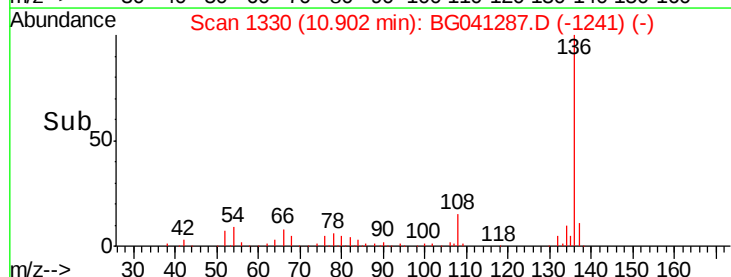
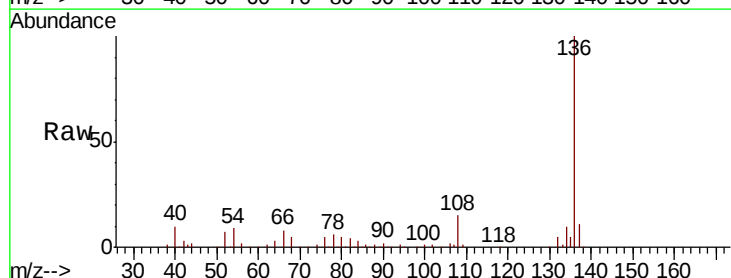
Ion Ratio Lower Upper

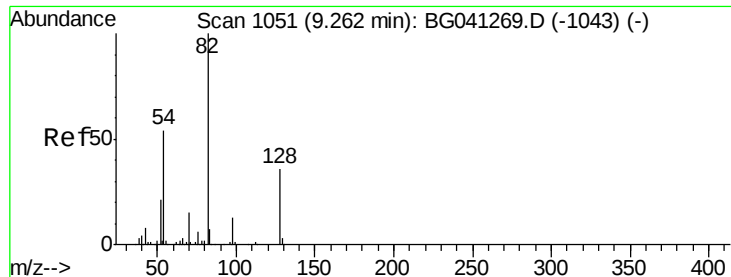
136 100

137 11.4 8.8 13.2

54 9.2 6.4 9.6

68 5.1 4.8 7.2

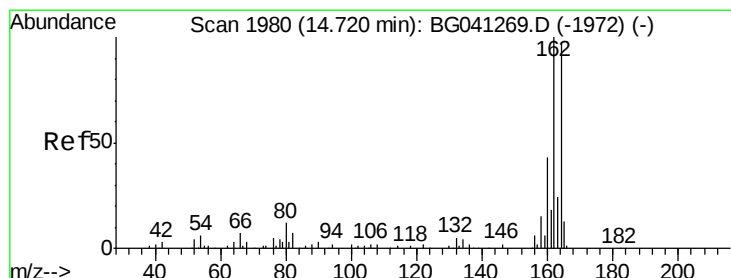
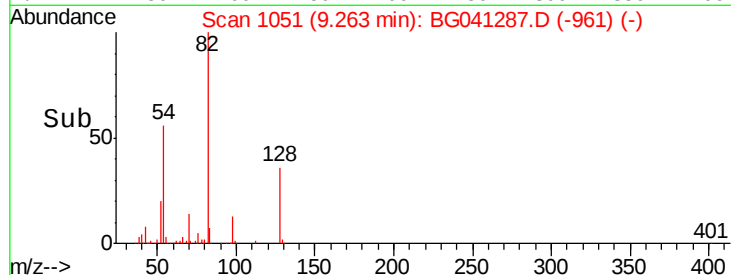
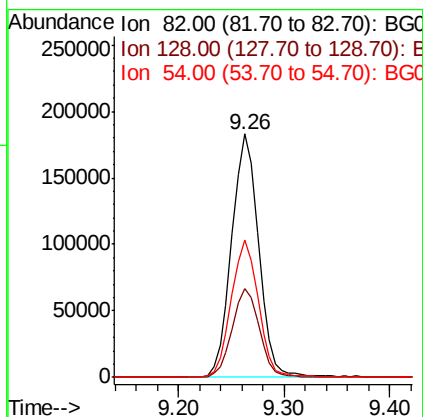
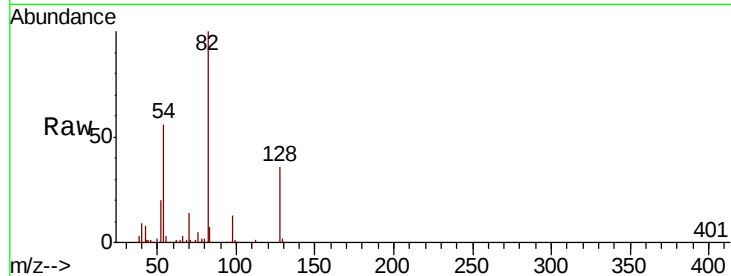




#23
Nitrobenzene-d5
Concen: 96.773 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

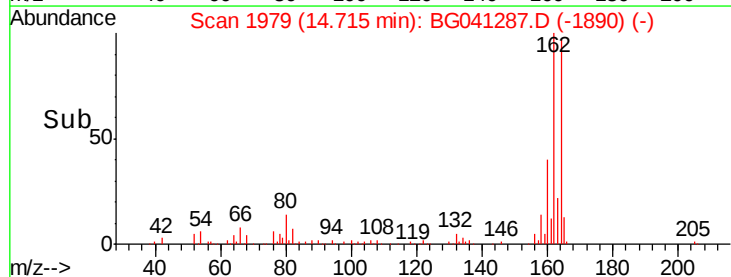
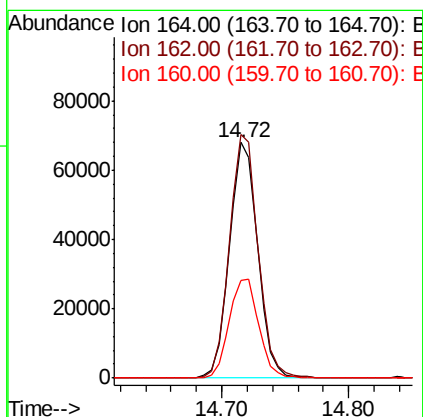
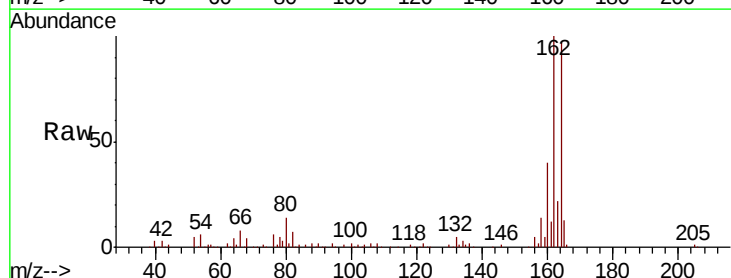
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

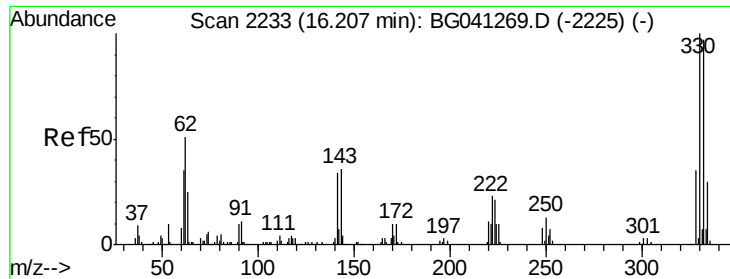
Tot Ion	82	Resp	324194
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.2	43.8
54	56.3	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

Tgt Ion	164	Resp	104367
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.8	124.2
160	41.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 144.408 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

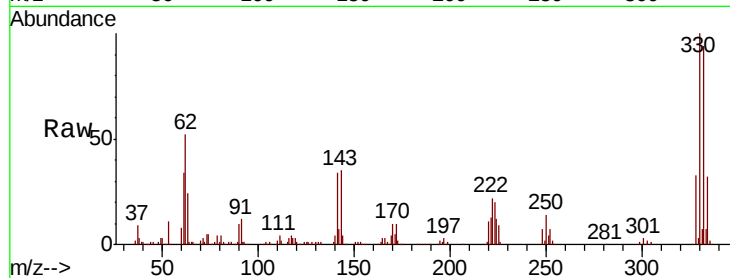
Tot Ion:330 Resp: 231379

Ion Ratio Lower Upper

330 100

332 96.5 75.5 113.3

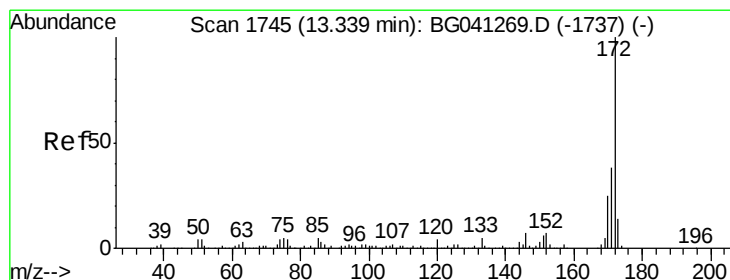
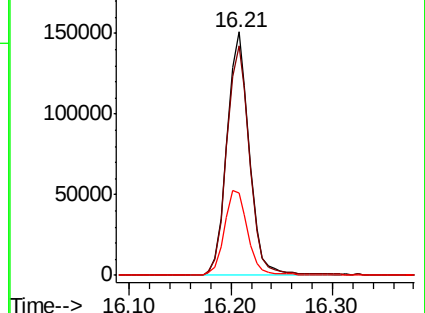
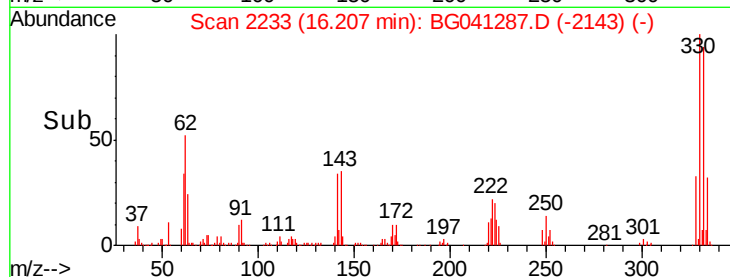
141 36.3 29.0 43.4



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: 96.948 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

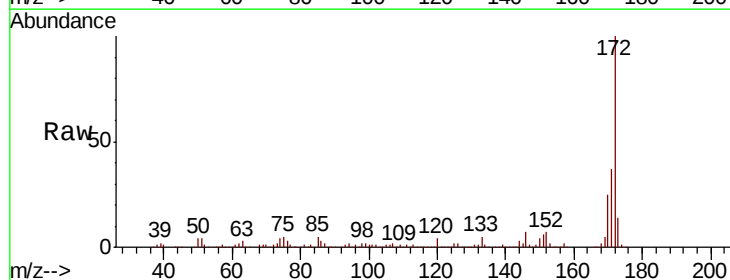
Tgt Ion:172 Resp: 744444

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

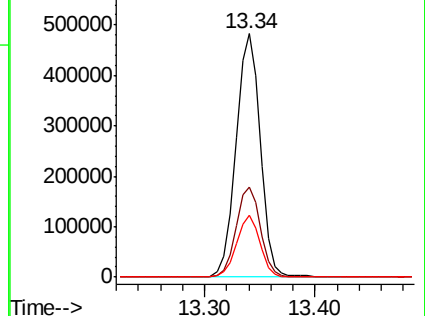
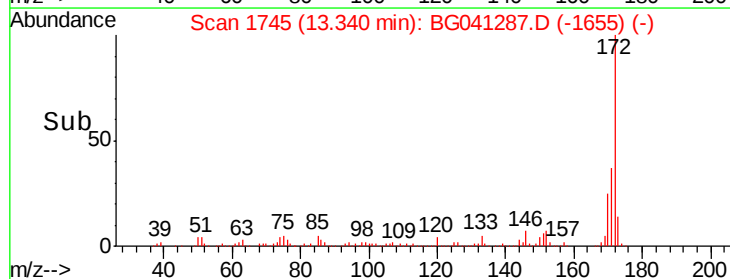
170 25.4 19.8 29.6

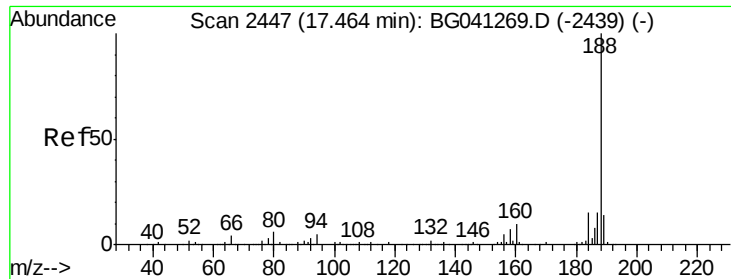


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

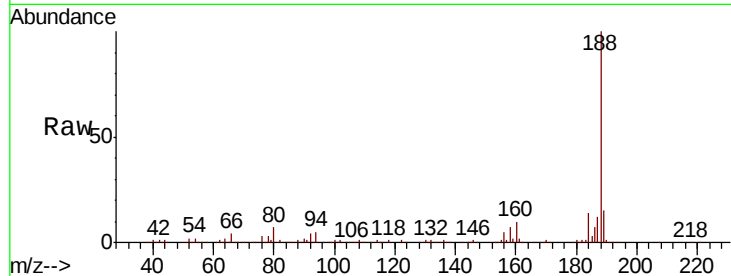




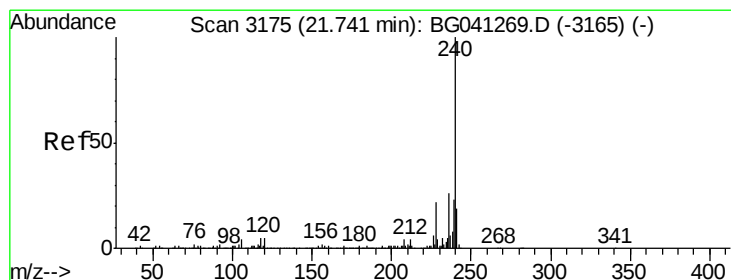
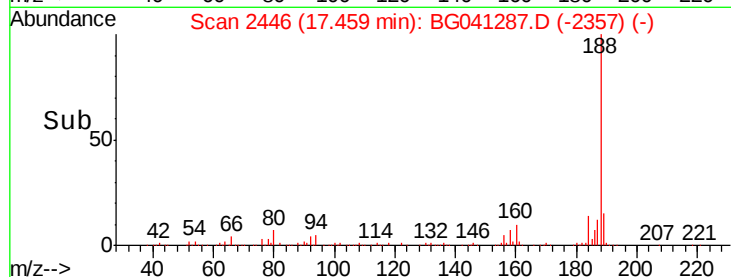
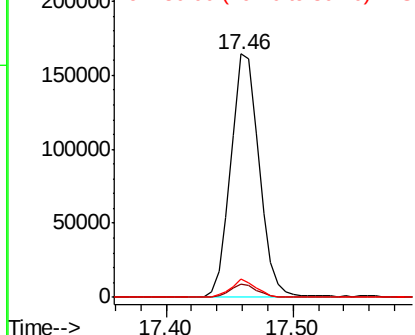
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion:188 Resp: 254386
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 7.3 4.8 7.2#

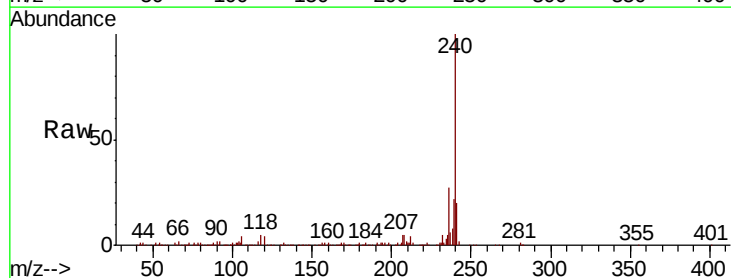


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

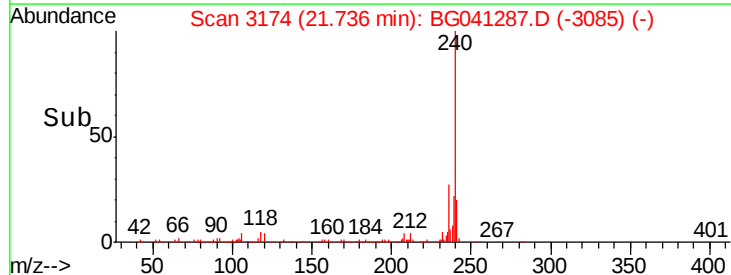
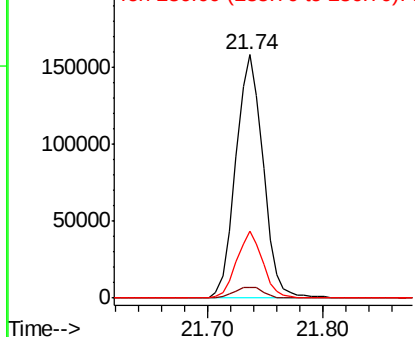


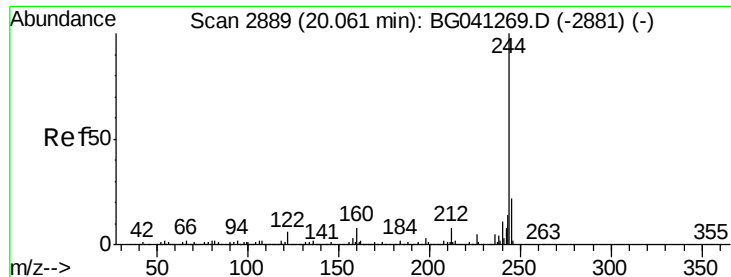
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041287.D
Acq: 18 Jun 2019 1:23

Tgt Ion:240 Resp: 259086
Ion Ratio Lower Upper
240 100
120 4.5 3.7 5.5
236 27.3 21.1 31.7



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: 99.072 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL

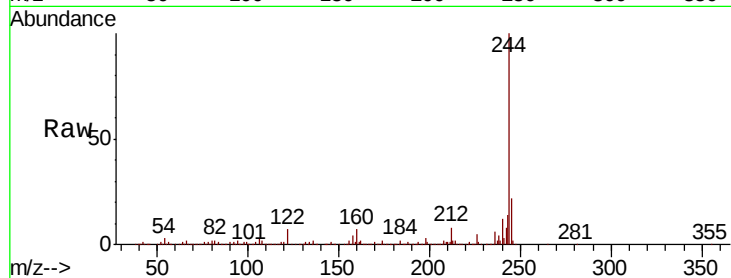
Tot Ion:244 Resp: 1295199

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.7	5.0	7.4

244 100

212 8.4 6.6 10.0

122 6.7 5.0 7.4

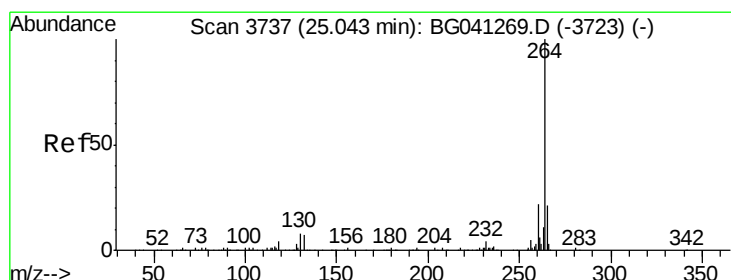
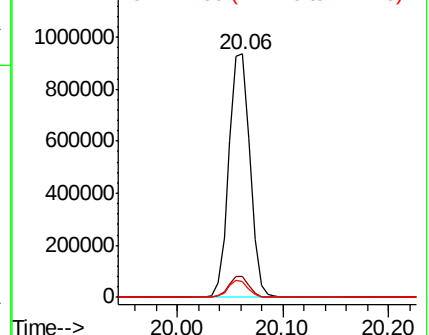
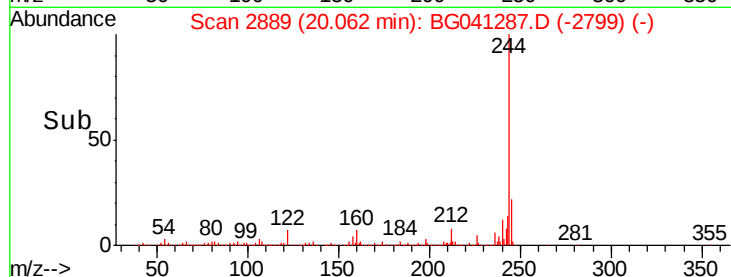


Abundance

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: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041287.D

Acq: 18 Jun 2019 1:23

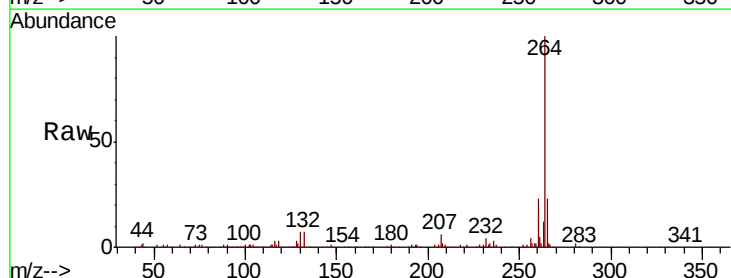
Tgt Ion:264 Resp: 275184

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.2
265	22.8	17.2	25.8

264 100

260 23.1 17.4 26.2

265 22.8 17.2 25.8



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

