

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041531.D
 Acq On : 29 Jun 2019 4:02
 Operator : HP/JU
 Sample : K3532-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

Quant Time: Jun 29 04:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21038	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	75714	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60706	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	180442	20.00	ng	0.00
76) Chrysene-d12	21.70	240	205842	20.00	ng	0.00
87) Perylene-d12	24.98	264	212239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	144307	122.29	ng	0.00
7) Phenol-d6	7.19	99	200083	120.45	ng	0.00
23) Nitrobenzene-d5	9.21	82	164674	90.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	139418	134.51	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	416639	88.07	ng	0.00
79) Terphenyl-d14	20.03	244	1058793	109.31	ng	0.00

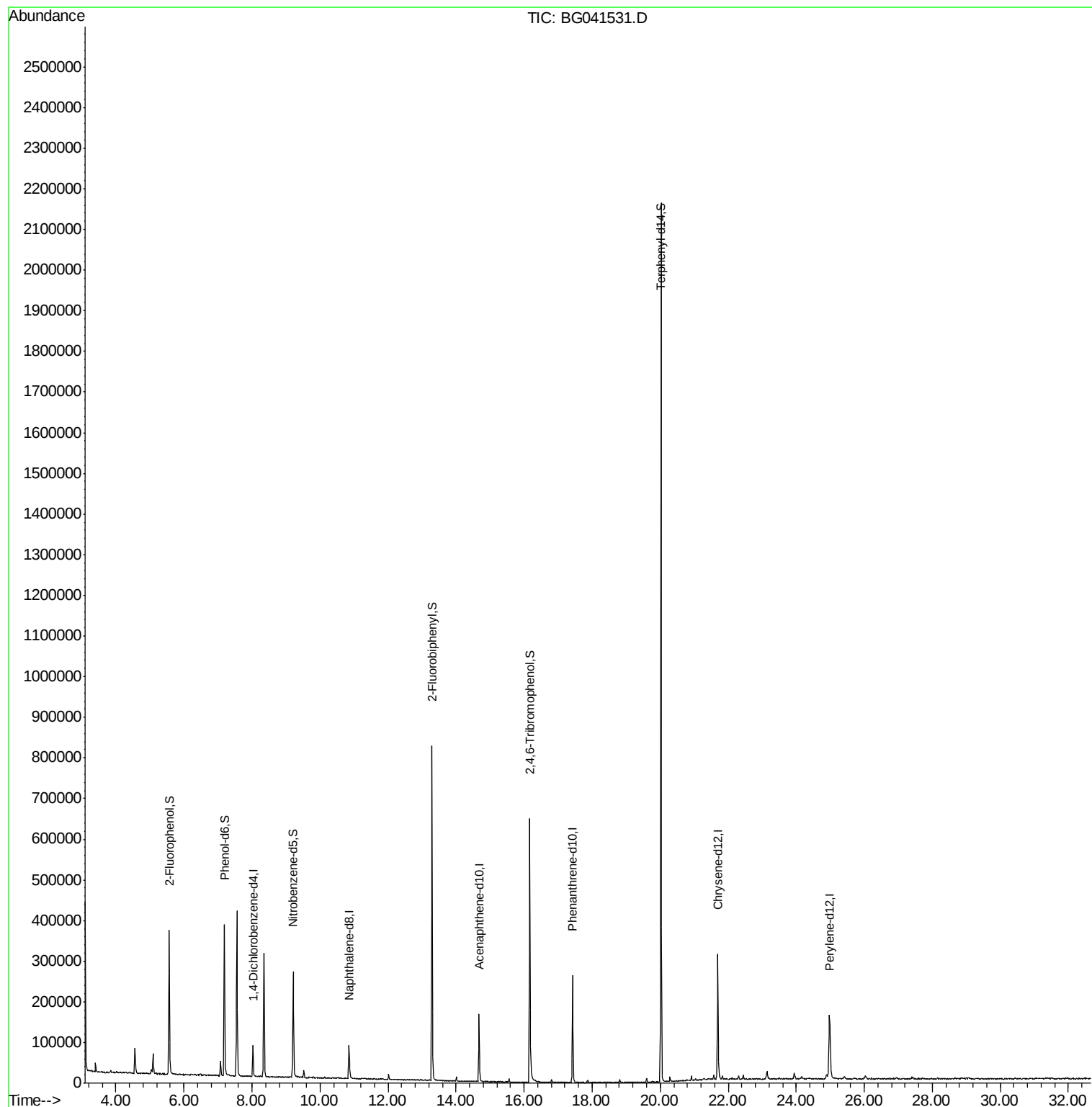
Target Compounds	Qvalue
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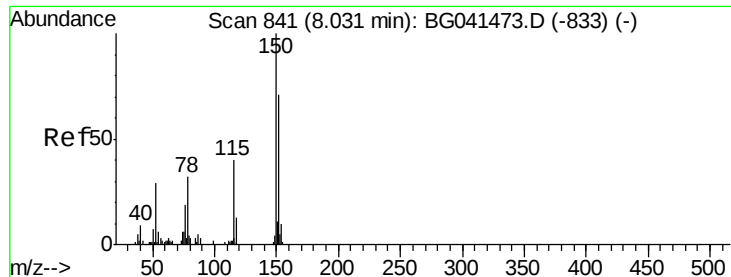
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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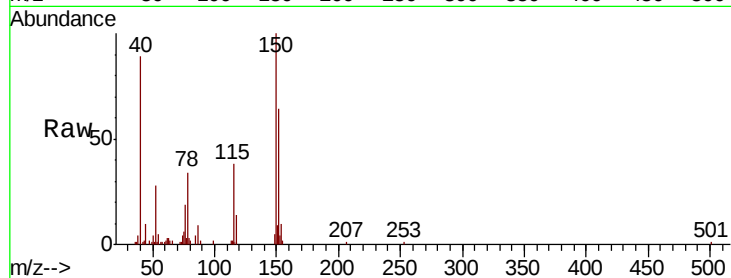


#1

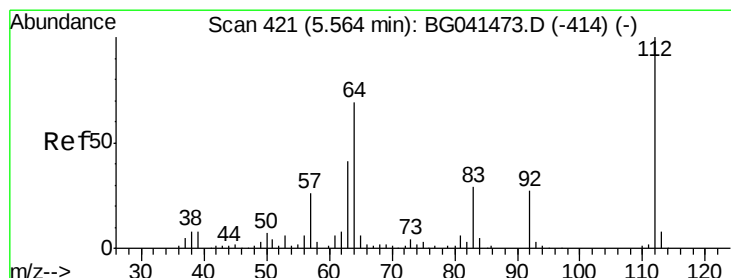
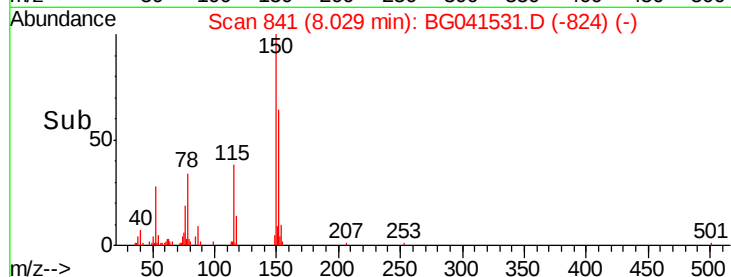
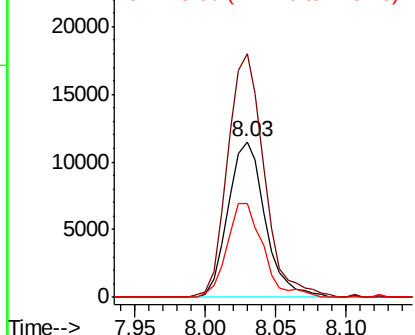
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041531.D
Acq: 29 Jun 2019 4:02

Instrument :
BNA_G
ClientSampleId :
TRIANGLE-AREA-SOIL-C

Tgt Ion:152 Resp: 21038
Ion Ratio Lower Upper
152 100
150 156.6 112.4 168.6
115 60.2 44.6 66.8



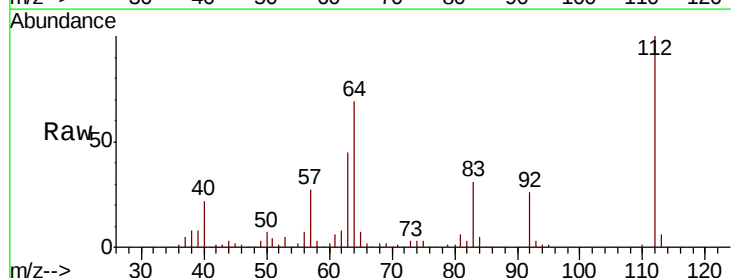
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



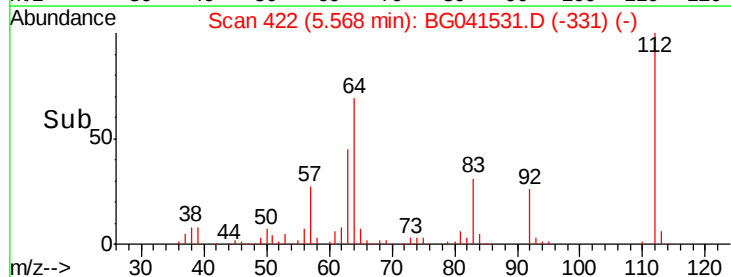
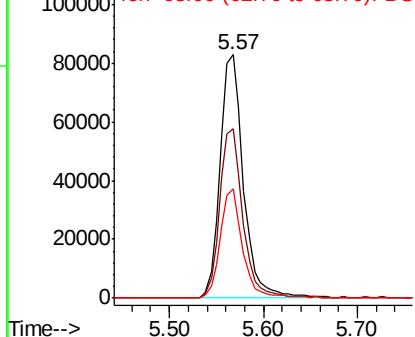
#5

2-Fluorophenol
Concen: 122.292 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041531.D
Acq: 29 Jun 2019 4:02

Tgt Ion:112 Resp: 144307
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 44.7 32.4 48.6



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: 120.448 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

Instrument :

BNA_G

ClientSampleId :

TRIANGLE-AREA-SOIL-C

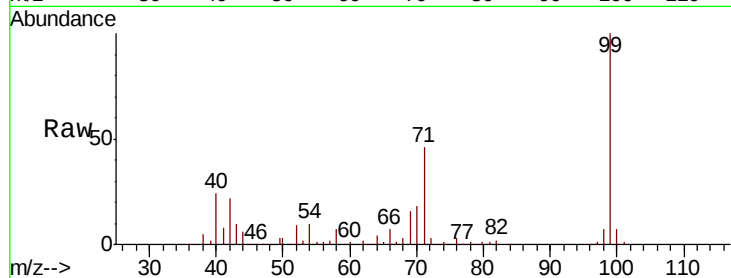
Tgt Ion: 99 Resp: 200083

Ion Ratio Lower Upper

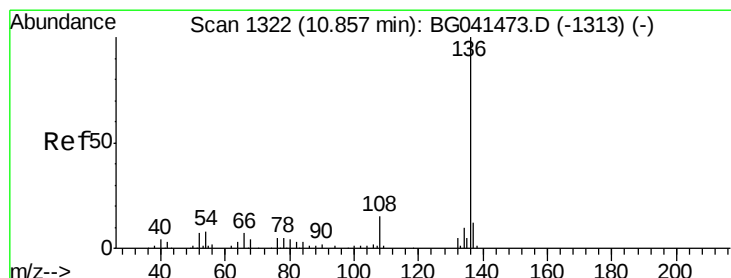
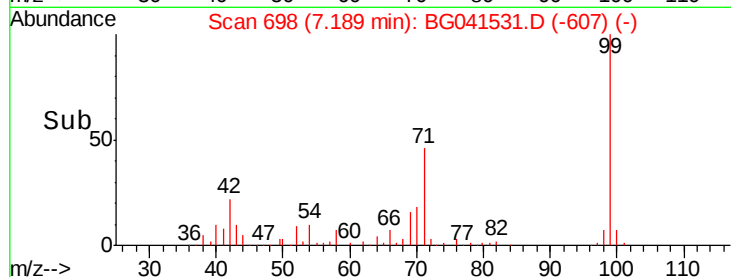
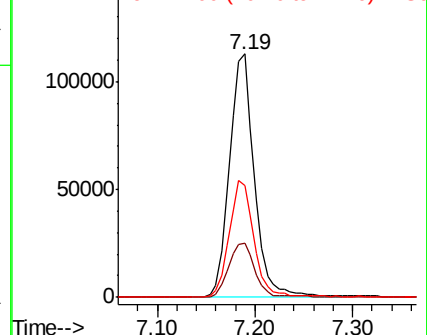
99 100

42 22.4 19.0 28.6

71 45.9 37.4 56.2



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

Tgt Ion: 136 Resp: 75714

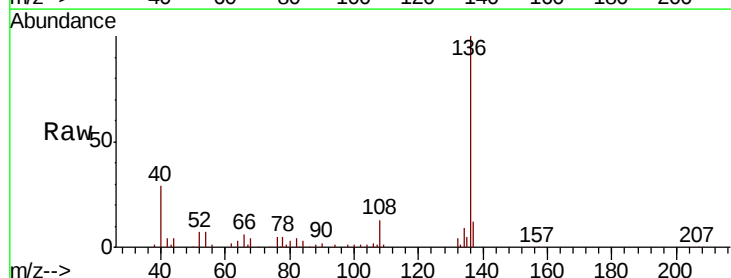
Ion Ratio Lower Upper

136 100

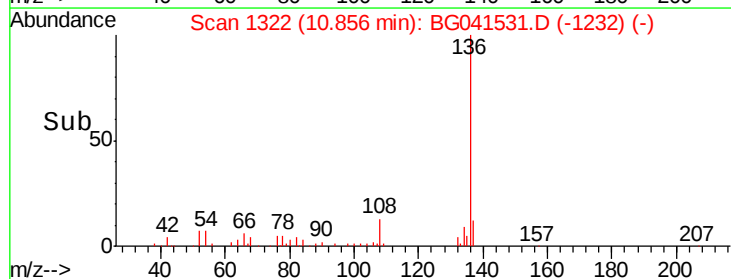
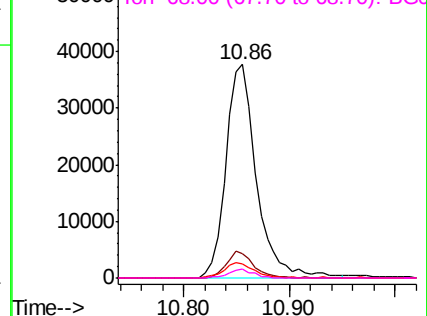
137 11.5 9.3 13.9

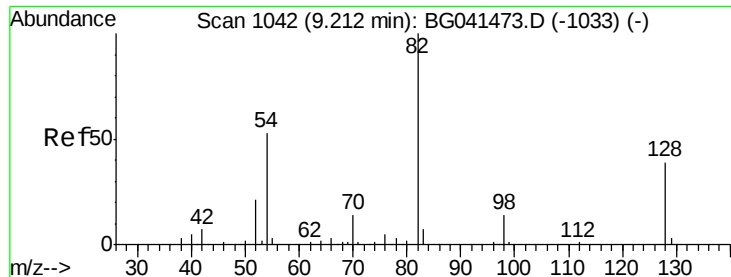
54 6.8 7.1 10.7#

68 4.3 3.3 4.9



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

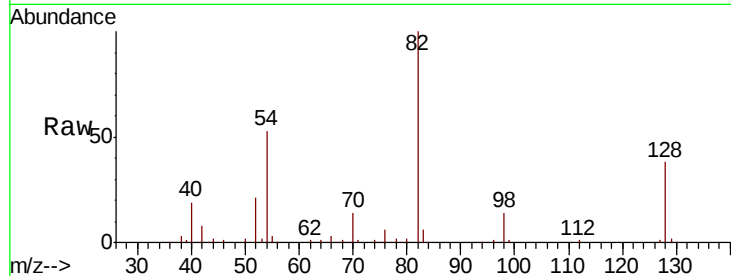




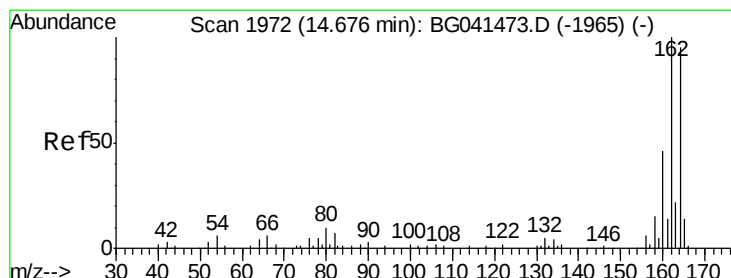
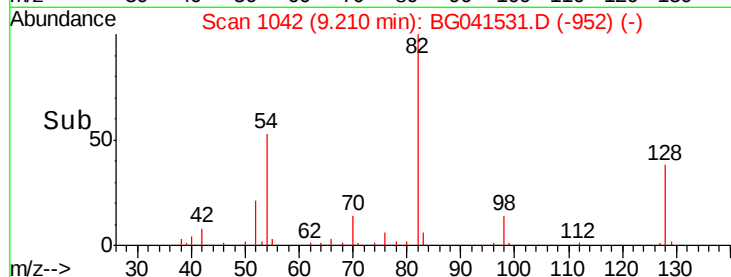
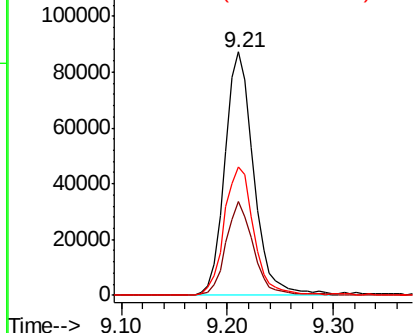
#23
Nitrobenzene-d5
Concen: 90.711 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041531.D
Acq: 29 Jun 2019 4:02

Instrument :
BNA_G
ClientSampleId :
TRIANGLE-AREA-SOIL-C

Tgt Ion: 82 Resp: 164674
Ion Ratio Lower Upper
82 100
128 38.3 30.9 46.3
54 52.5 42.2 63.2

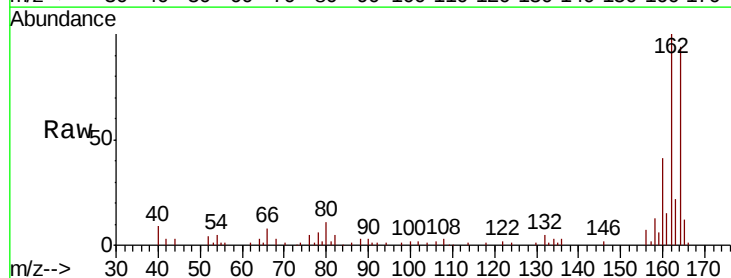


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

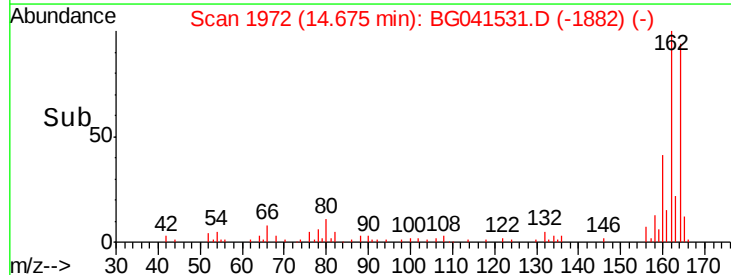
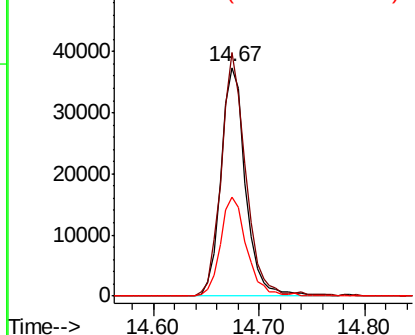


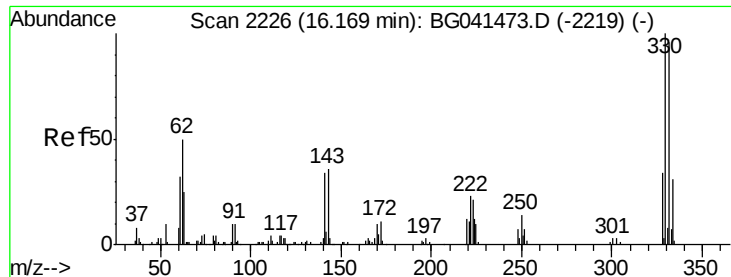
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041531.D
Acq: 29 Jun 2019 4:02

Tgt Ion: 164 Resp: 60706
Ion Ratio Lower Upper
164 100
162 106.4 84.4 126.6
160 43.4 38.8 58.2



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

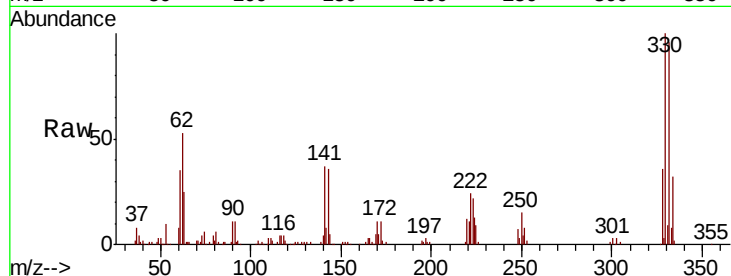




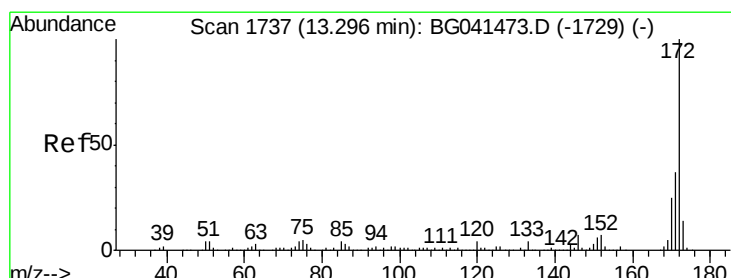
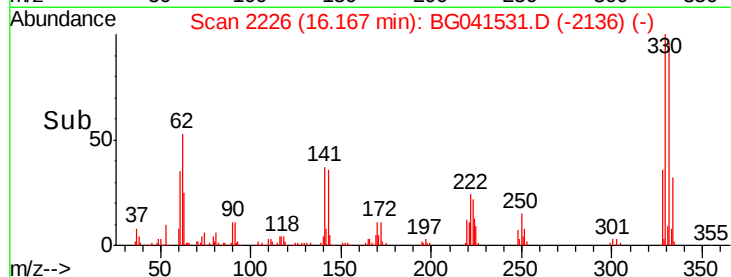
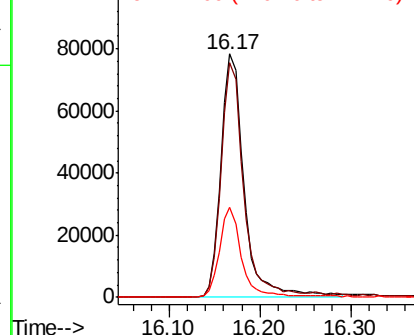
#42
 2,4,6-Tribromophenol
 Concen: 134.506 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041531.D
 Acq: 29 Jun 2019 4:02

Instrument :
 BNA_G
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

Tgt Ion:330 Resp: 139418
 Ion Ratio Lower Upper
 330 100
 332 93.0 75.5 113.3
 141 35.3 27.8 41.6

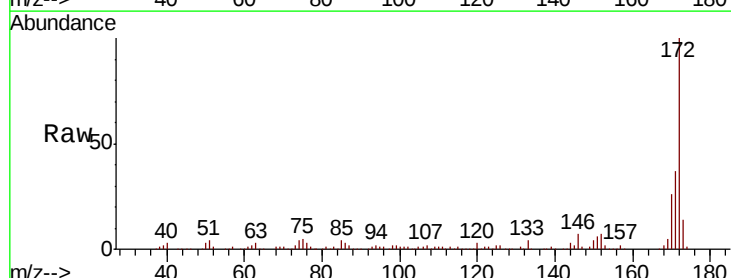


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

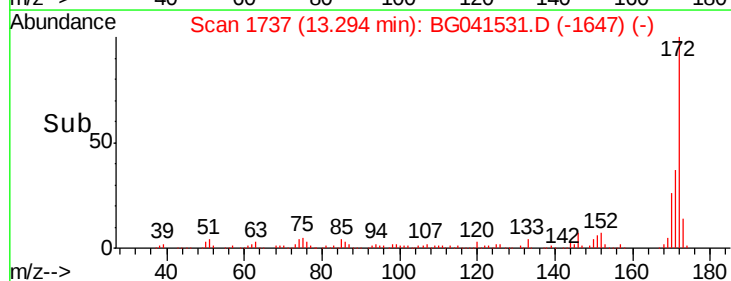
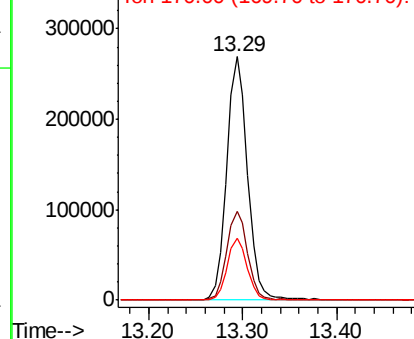


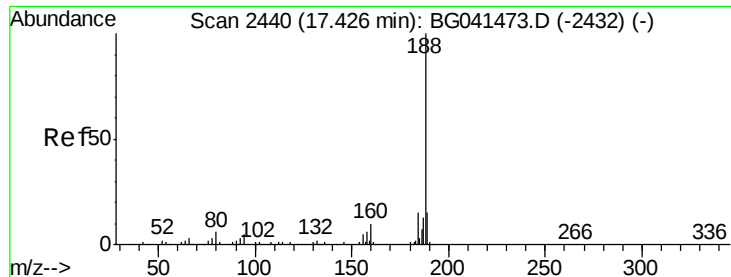
#45
 2-Fluorobiphenyl
 Concen: 88.073 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041531.D
 Acq: 29 Jun 2019 4:02

Tgt Ion:172 Resp: 416639
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.5 20.0 30.0



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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

Instrument :

BNA_G

ClientSampleId :

TRIANGLE-AREA-SOIL-C

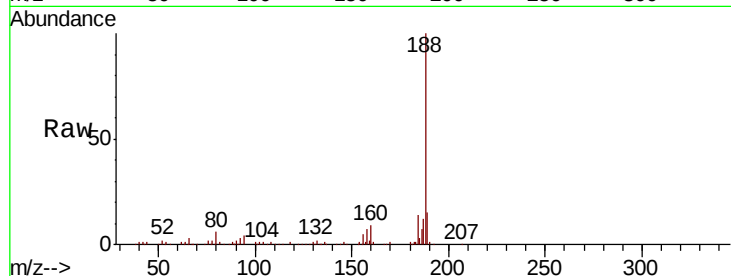
Tgt Ion:188 Resp: 180442

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

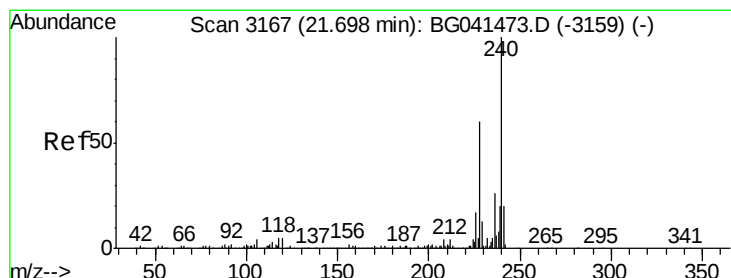
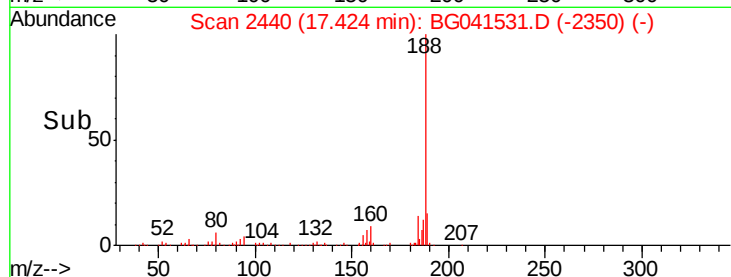
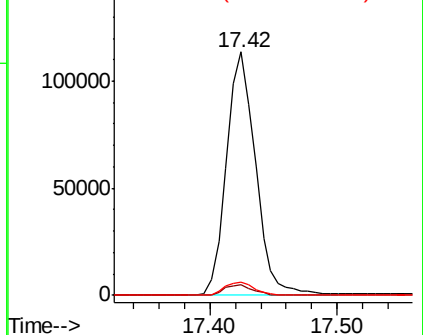
80 5.7 4.8 7.2



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

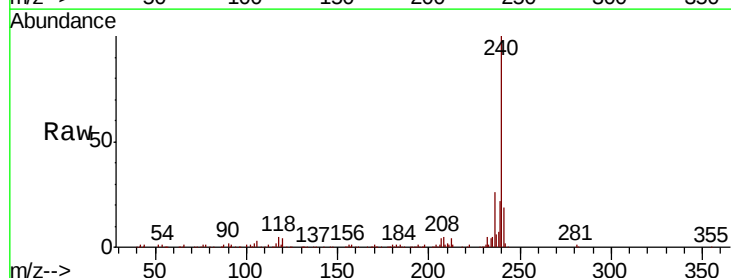
Tgt Ion:240 Resp: 205842

Ion Ratio Lower Upper

240 100

120 3.9 3.7 5.5

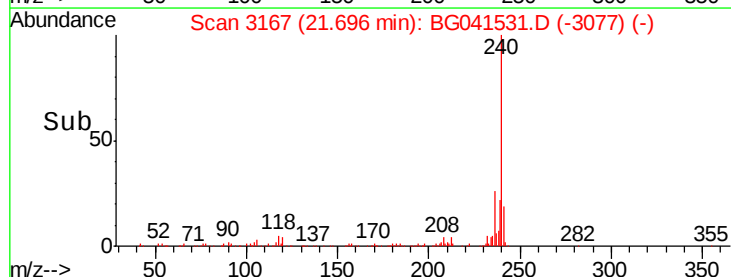
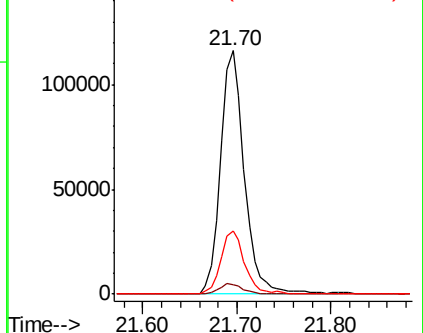
236 26.0 20.8 31.2

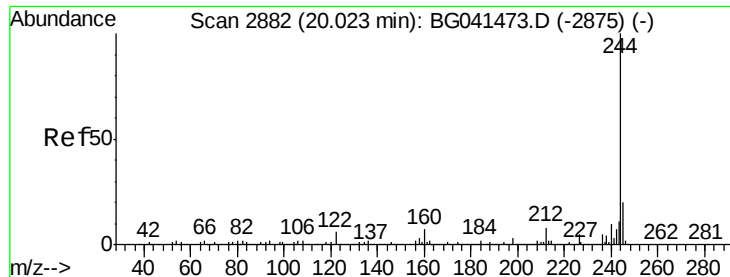


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.308 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

Instrument :

BNA_G

ClientSampleId :

TRIANGLE-AREA-SOIL-C

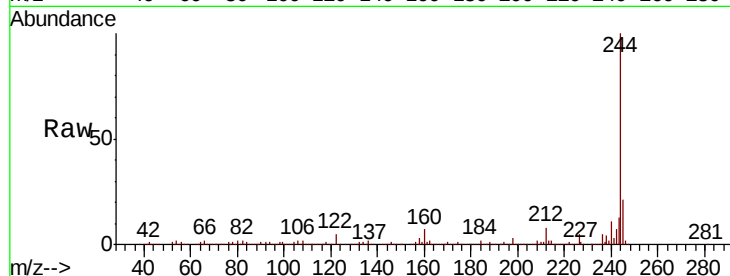
Tgt Ion:244 Resp: 1058793

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

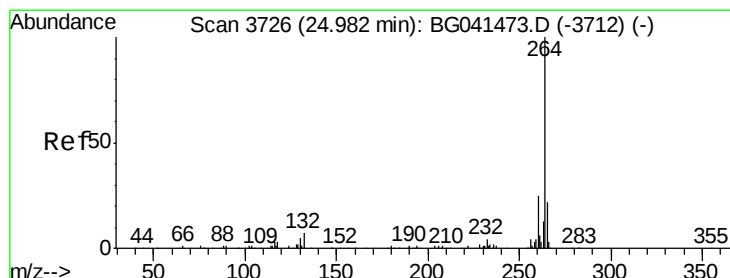
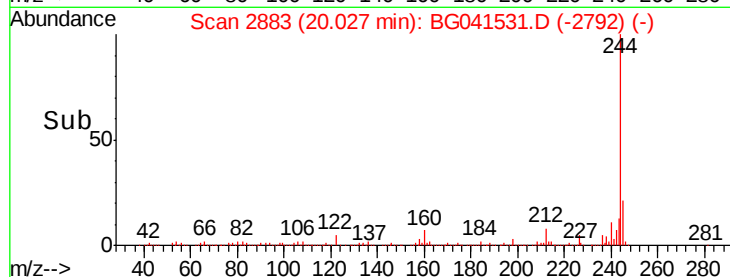
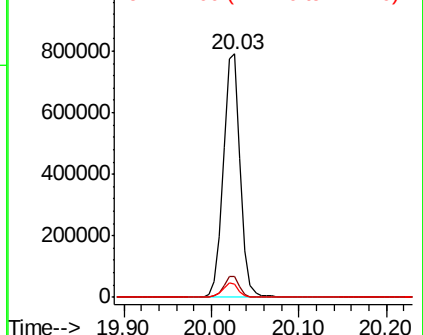
122 5.2 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041531.D

Acq: 29 Jun 2019 4:02

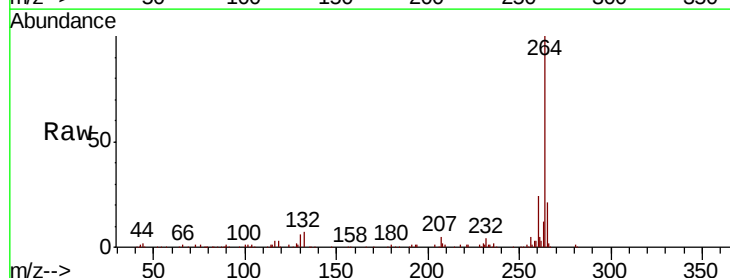
Tgt Ion:264 Resp: 212239

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.3 17.4 26.2



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

