

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039687.D
 Acq On : 1 Mar 2019 9:28
 Operator : JU/SJ
 Sample : K1654-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 01 10:17:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53766	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	221882	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	144611	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	350005	20.00	ng	0.00
76) Chrysene-d12	21.82	240	375023	20.00	ng	-0.01
87) Perylene-d12	25.19	264	361602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	450927	143.54	ng	0.00
7) Phenol-d6	7.31	99	580237	125.48	ng	0.00
23) Nitrobenzene-d5	9.34	82	421114	118.57	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	205227	131.79	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	911475	90.42	ng	0.00
79) Terphenyl-d14	20.12	244	1561543	88.14	ng	0.00

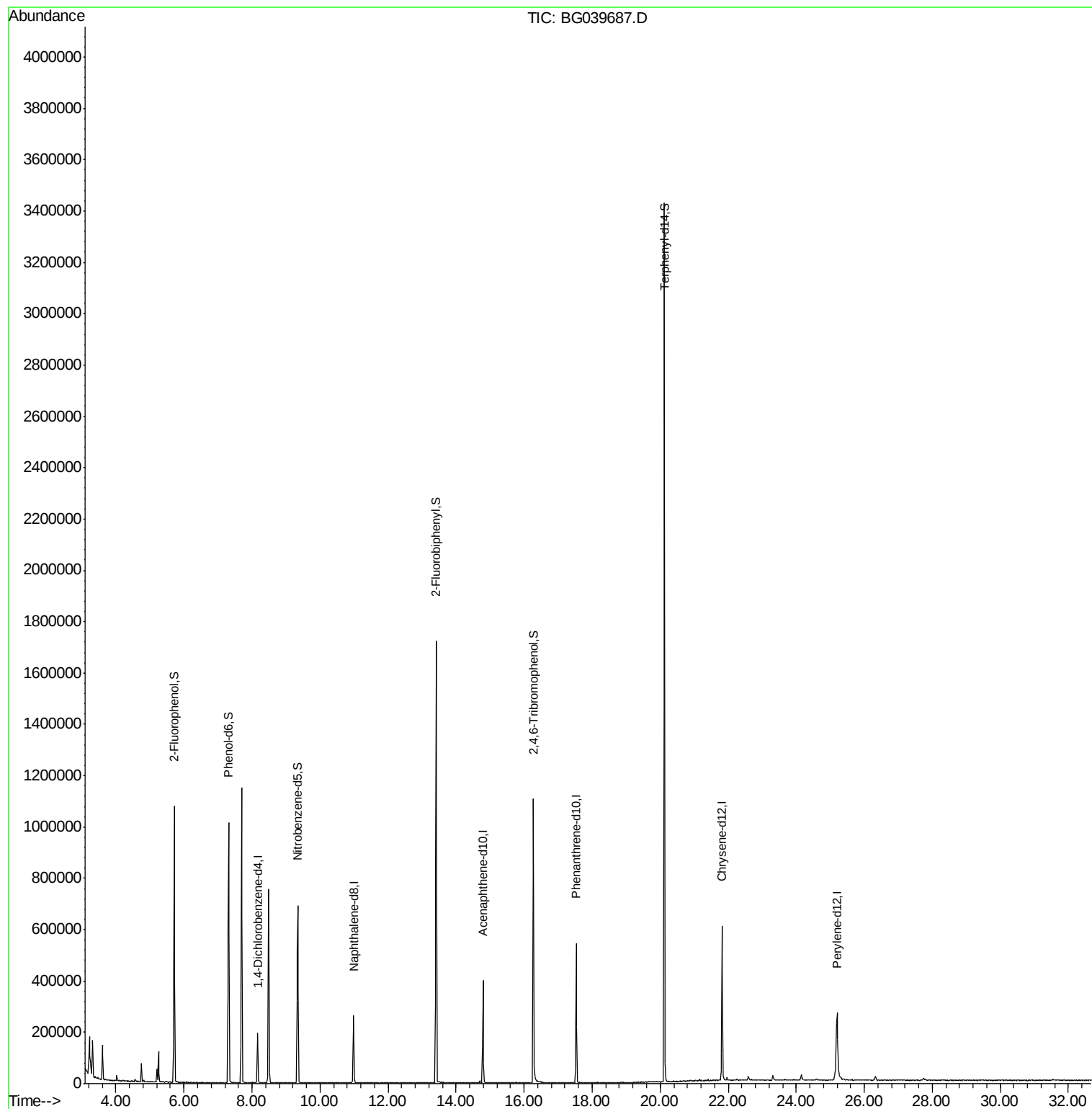
Target Compounds Qvalue

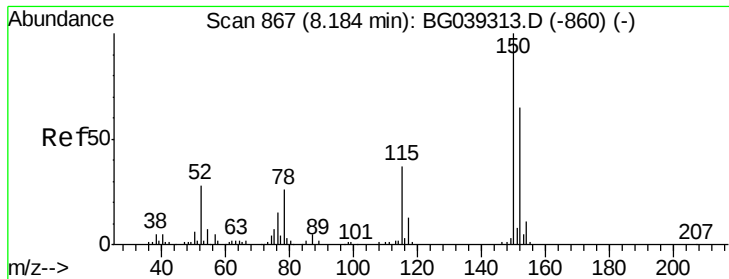
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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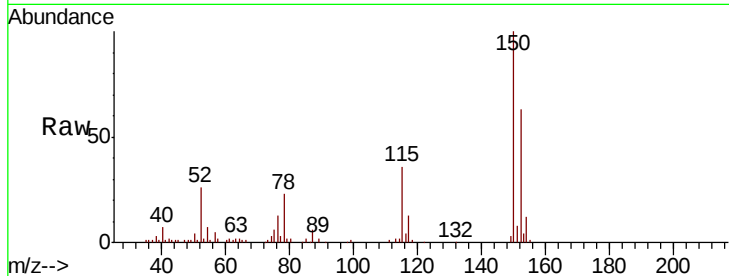


#1

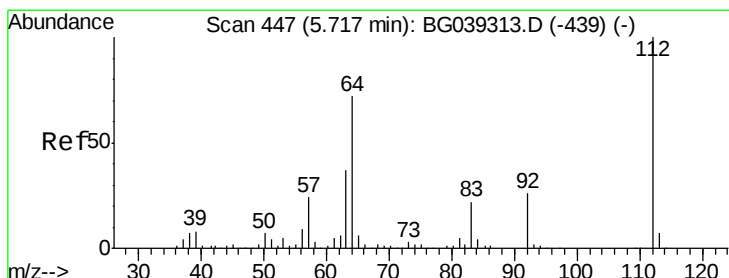
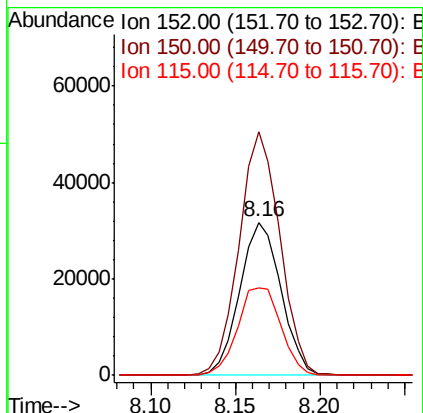
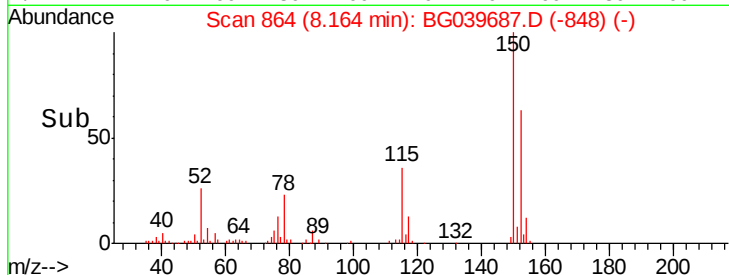
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039687.D
Acq: 1 Mar 2019 9:28

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	57.2	45.9	68.9



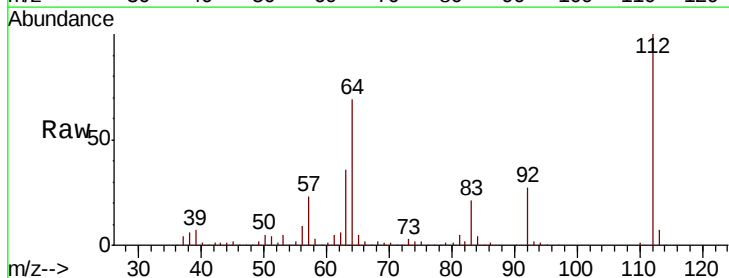
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



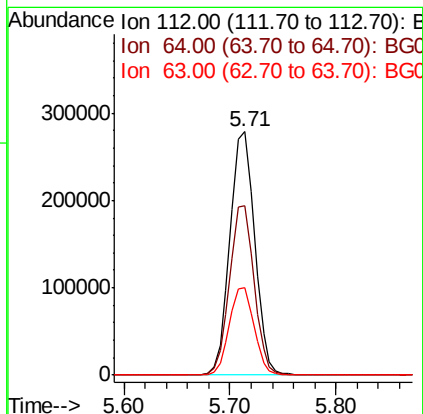
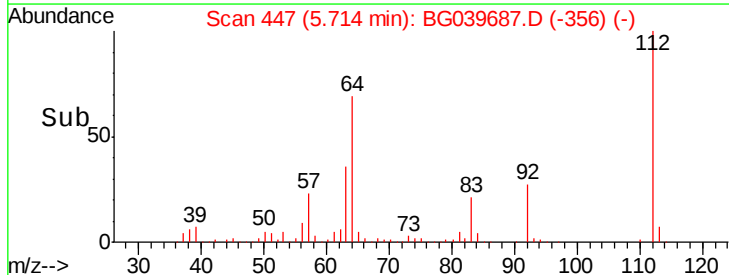
#5

2-Fluorophenol
Concen: 143.542 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.01 min
Lab File: BG039687.D
Acq: 1 Mar 2019 9:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	36.0	29.8	44.6



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: 125.481 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

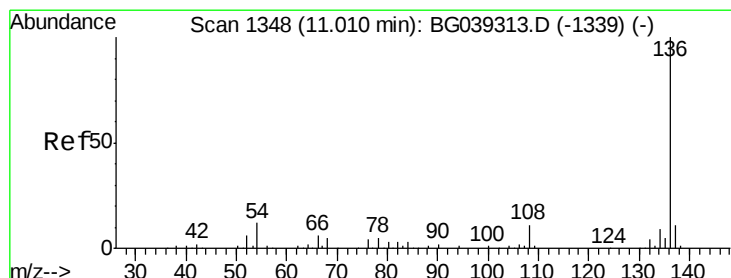
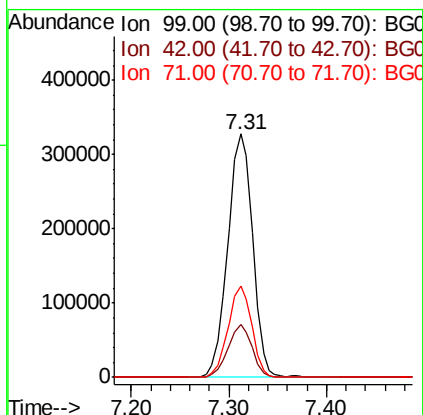
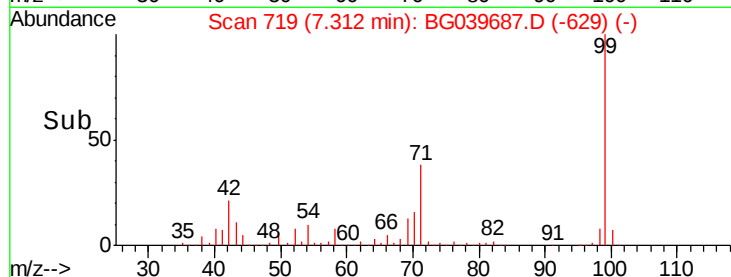
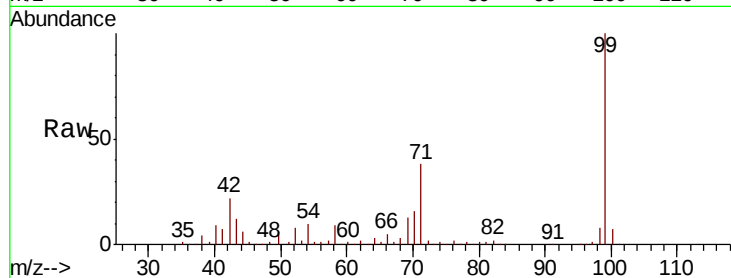
Tot Ion: 99 Resp: 580237

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

71 37.7 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Tgt Ion: 136 Resp: 221882

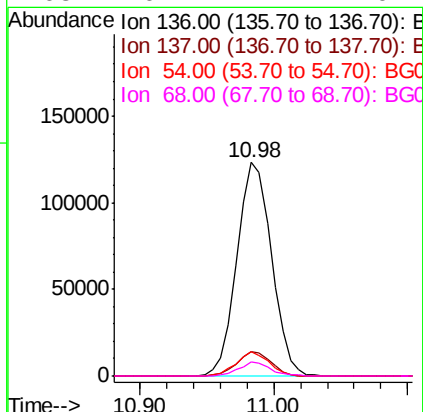
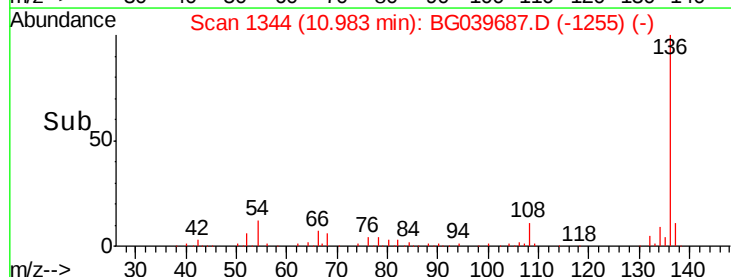
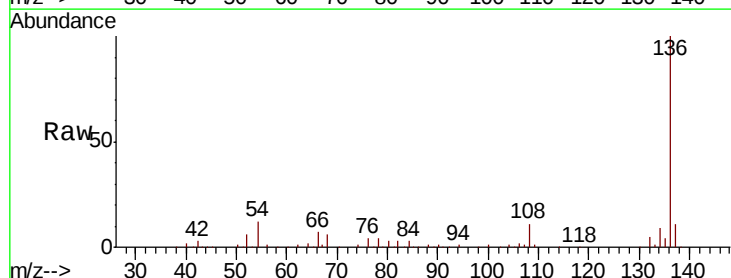
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 11.7 9.4 14.2

68 6.4 4.2 6.4#

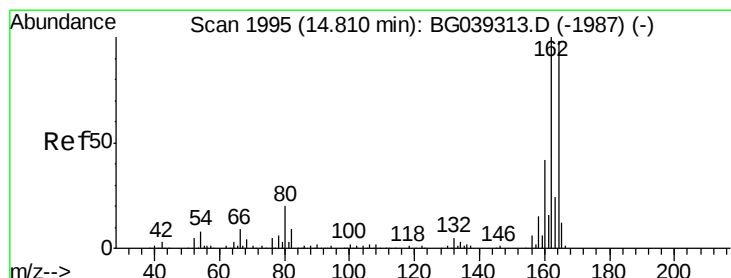
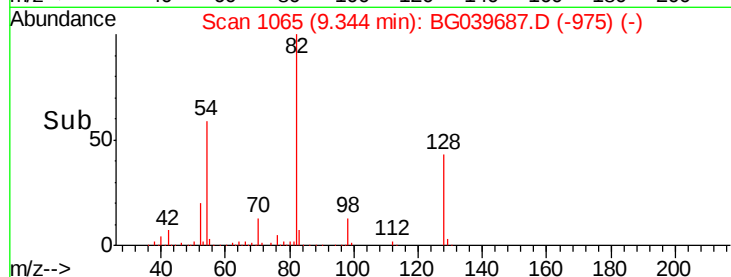
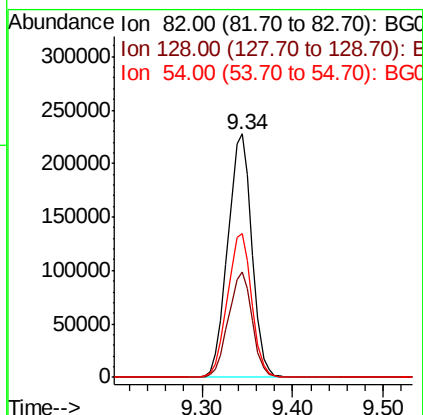
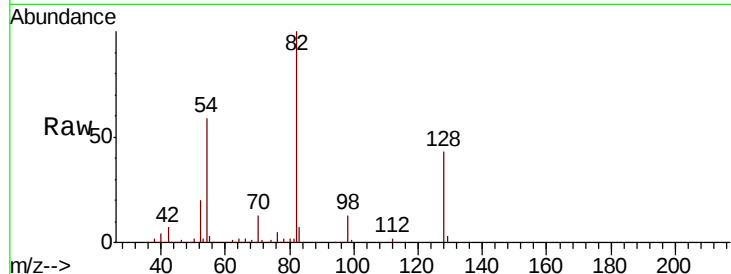




#23
Nitrobenzene-d5
Concen: 118.566 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039687.D
Acq: 1 Mar 2019 9:28

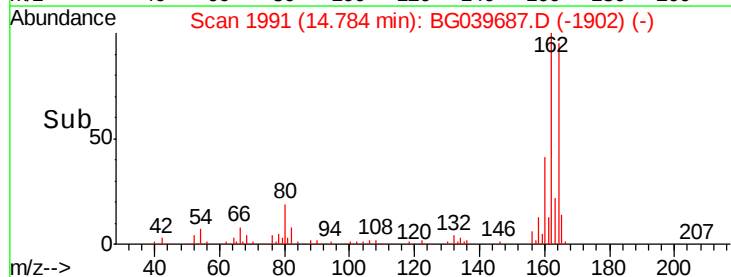
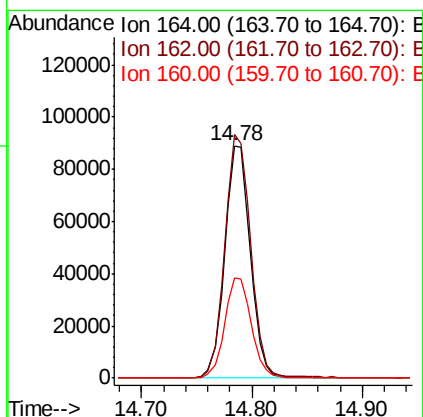
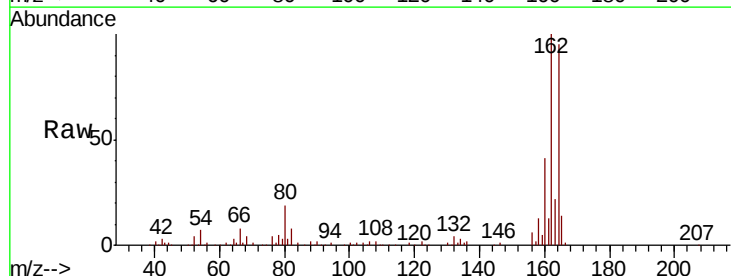
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

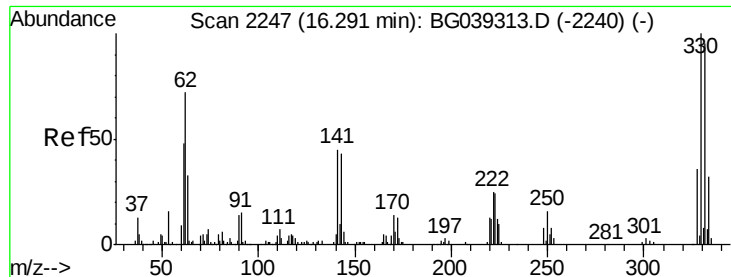
Tot Ion	82	Resp	421114
Ion Ratio	Lower	Upper	
82	100		
128	43.3	31.3	46.9
54	59.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039687.D
Acq: 1 Mar 2019 9:28

Tgt Ion	164	Resp	144611
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.6	122.4
160	43.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 131.791 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

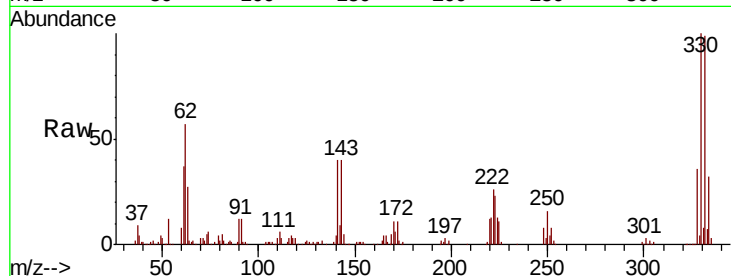
Tot Ion:330 Resp: 205227

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

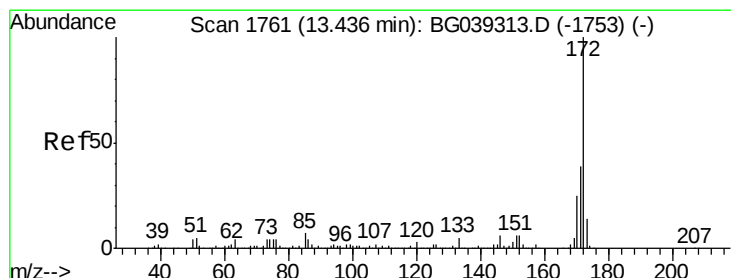
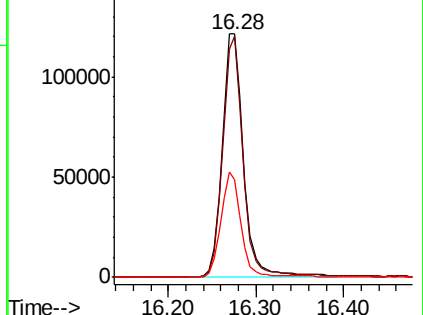
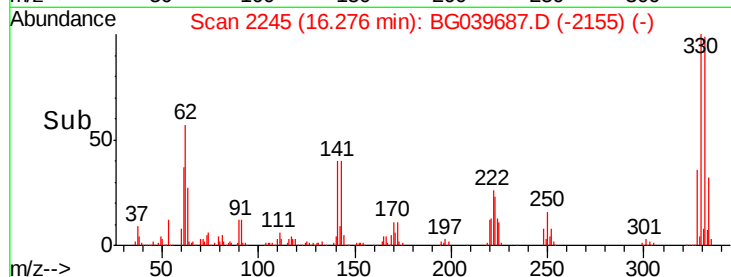
141 42.0 35.6 53.4



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: 90.419 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

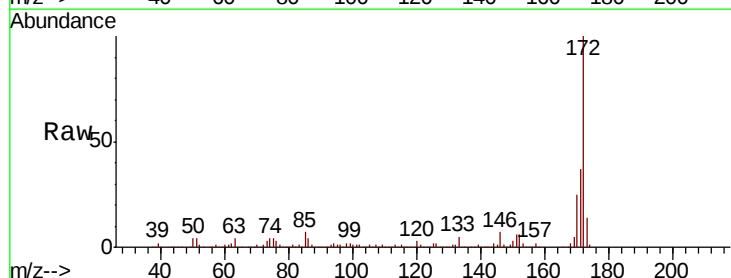
Tgt Ion:172 Resp: 911475

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

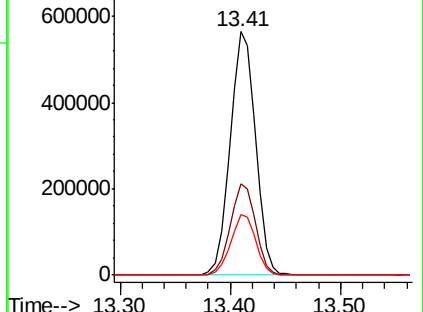
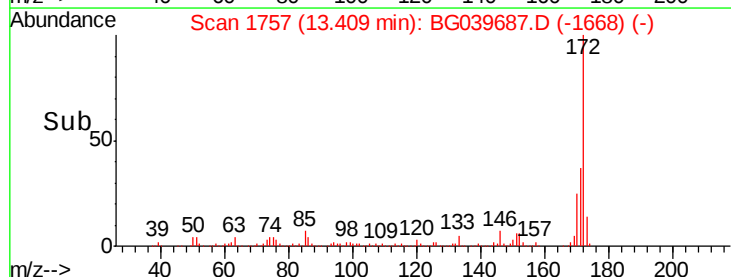
170 25.0 20.2 30.4

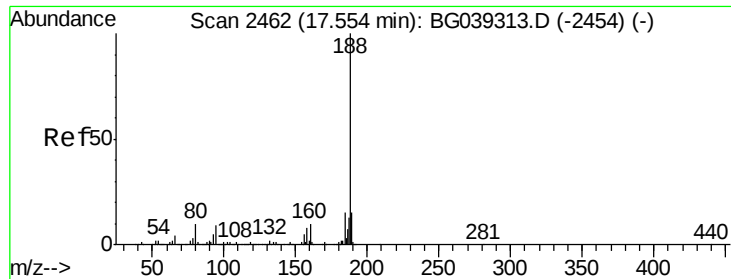


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

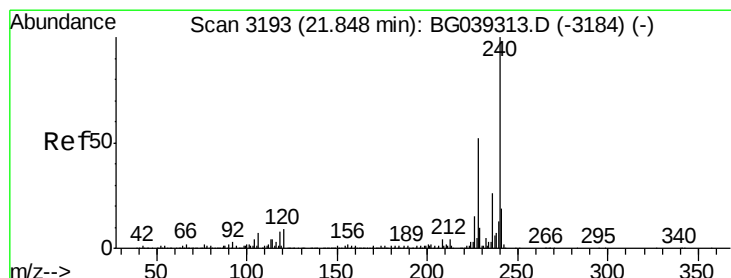
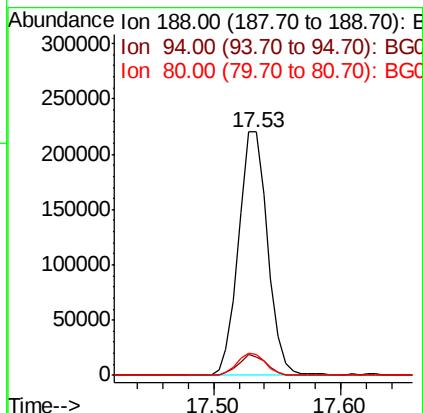
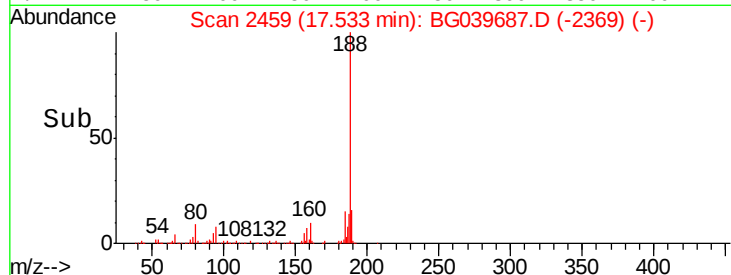
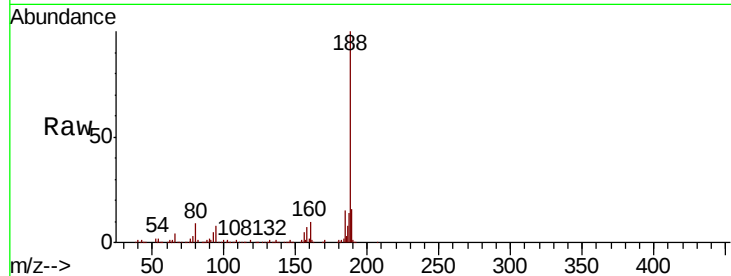
Tot Ion:188 Resp: 350005

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 8.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

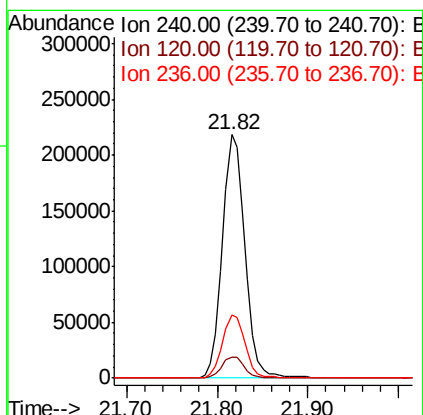
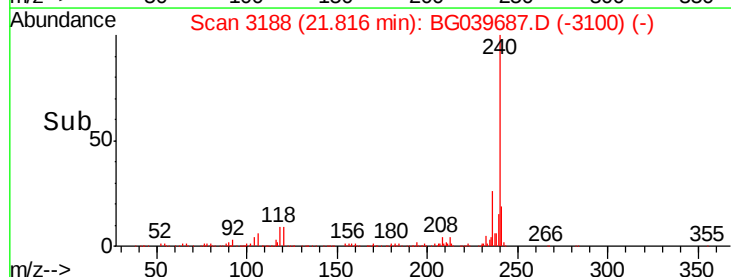
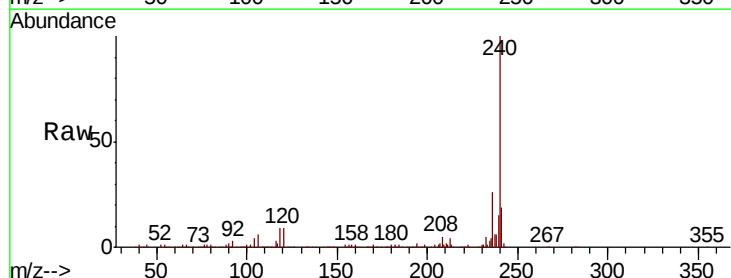
Tgt Ion:240 Resp: 375023

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 88.136 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Instrument :

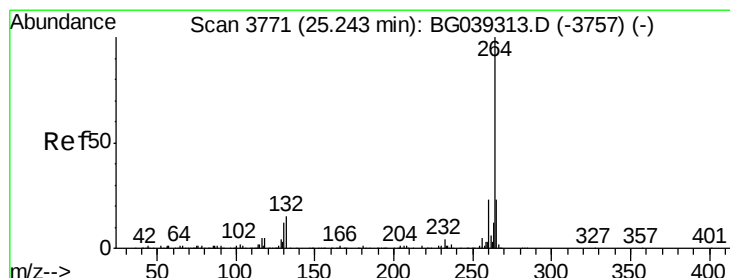
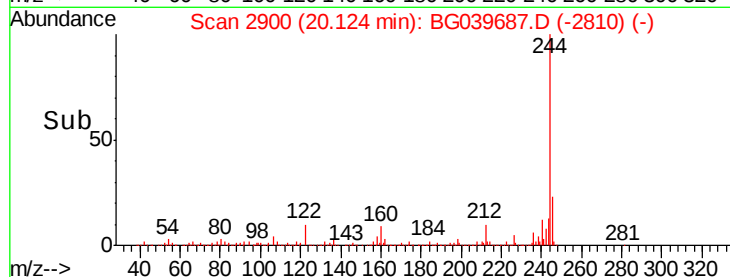
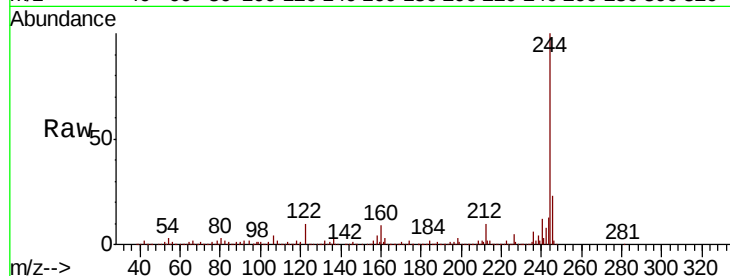
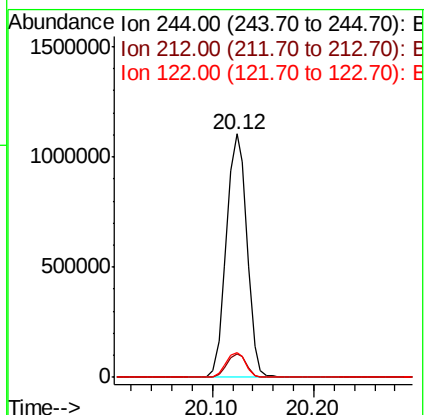
BNA_G

ClientSampled :

SOIL-PILE

Tot Ion:244 Resp: 1561543

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.4	8.4	12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039687.D

Acq: 1 Mar 2019 9:28

Tgt Ion:264 Resp: 361602

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.6	18.5	27.7

