

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042266.D
 Acq On : 16 Aug 2019 19:14
 Operator : HP/JU
 Sample : K4372-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMPOSITE

Quant Time: Aug 17 00:25:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

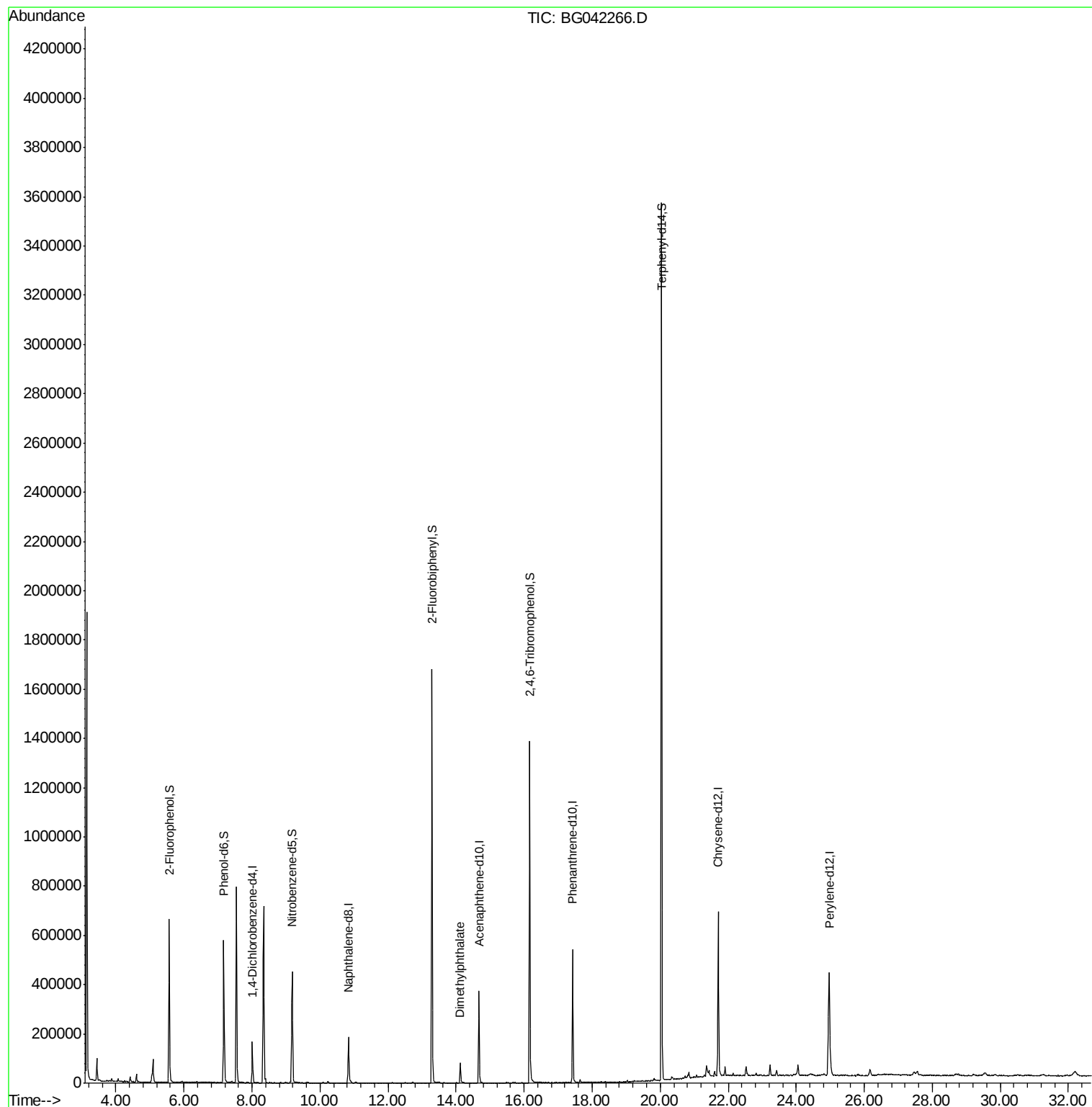
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55347	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	206979	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	152016	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	370225	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	433155	20.00	ng	-0.03
87) Perylene-d12	24.97	264	501488	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	342512	120.40	ng	-0.02
7) Phenol-d6	7.17	99	399825	104.25	ng	-0.02
23) Nitrobenzene-d5	9.18	82	306950	102.05	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	336475	194.87	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	960684	111.46	ng	-0.03
79) Terphenyl-d14	20.04	244	1837385	97.06	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	79735	7.680	ng	Qvalue 99

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

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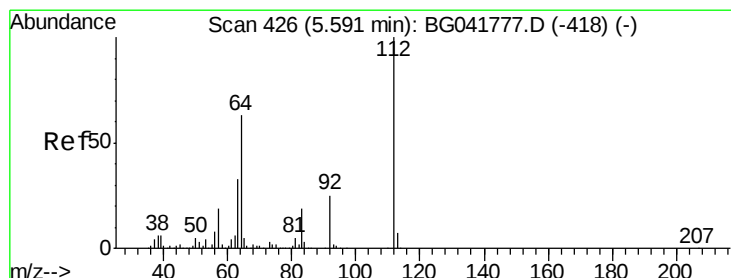
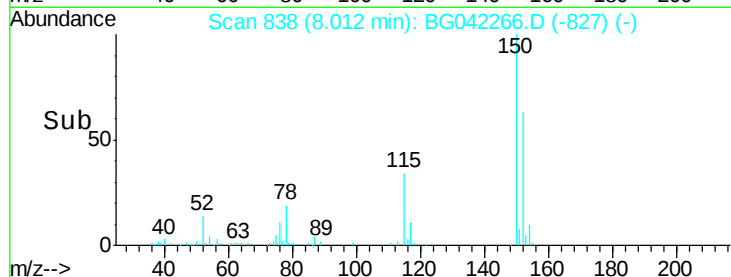
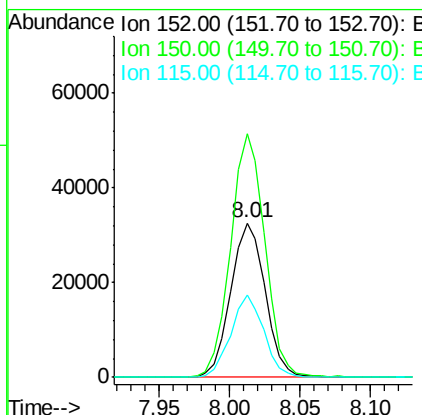
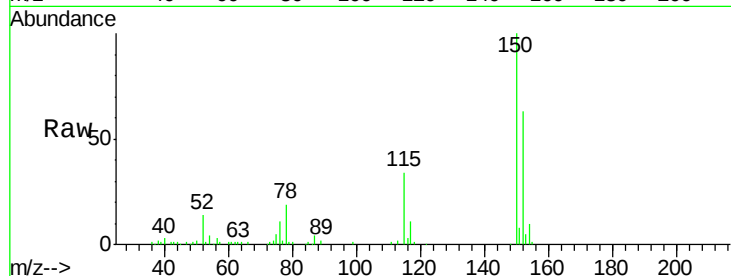


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042266.D
Acq: 16 Aug 2019 19:14

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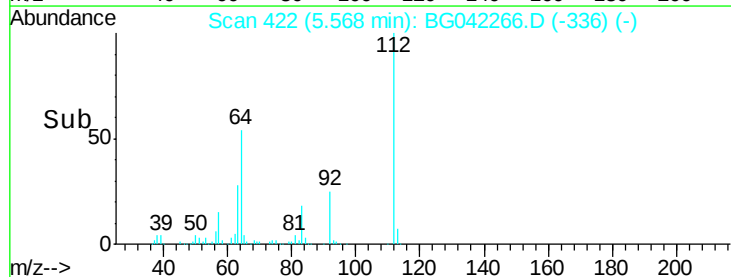
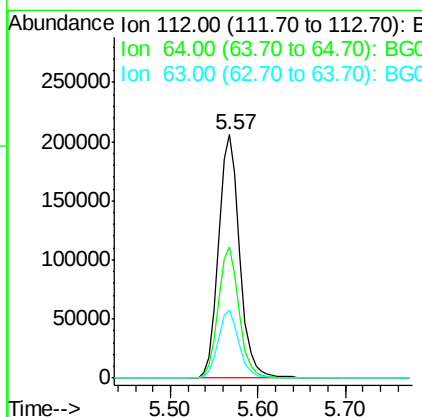
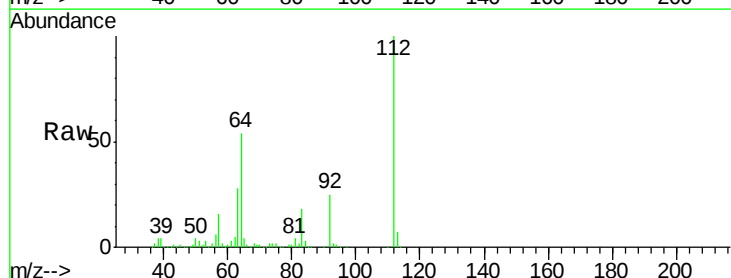
Tot Ion	152	Resp	55347
Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.9	190.3
115	53.0	45.0	67.6

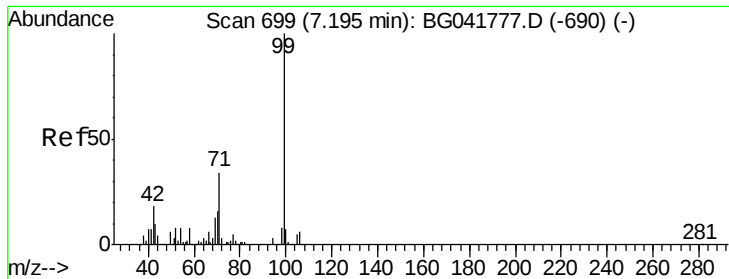


#5

2-Fluorophenol
Concen: 120.404 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042266.D
Acq: 16 Aug 2019 19:14

Tgt Ion	112	Resp	342512
Ion	Ratio	Lower	Upper
112	100		
64	54.0	55.4	83.2#
63	28.3	29.1	43.7#





#7

Phenol-d6

Concen: 104.254 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042266.D

Acq: 16 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

SOIL-COMPOSITE

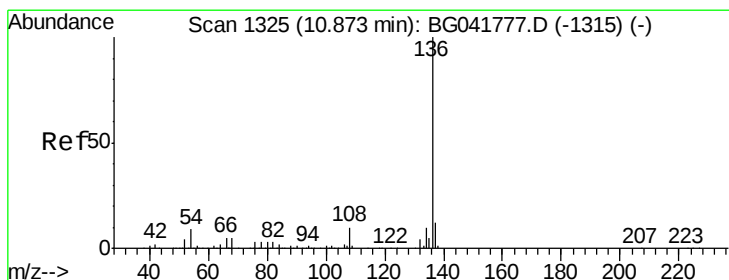
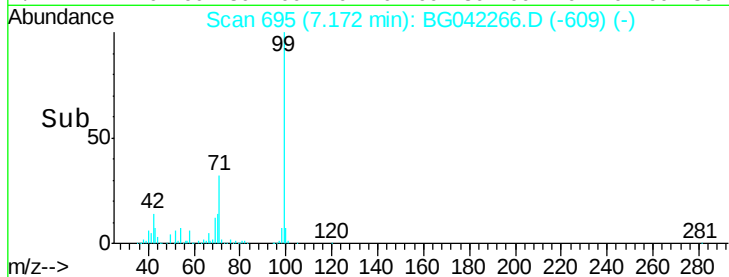
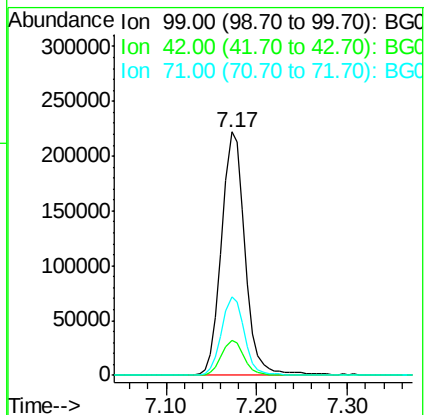
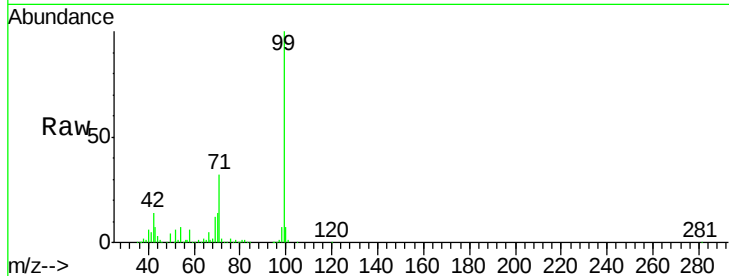
Tot Ion: 99 Resp: 399825

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

71 32.0 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BG042266.D

Acq: 16 Aug 2019 19:14

Tgt Ion: 136 Resp: 206979

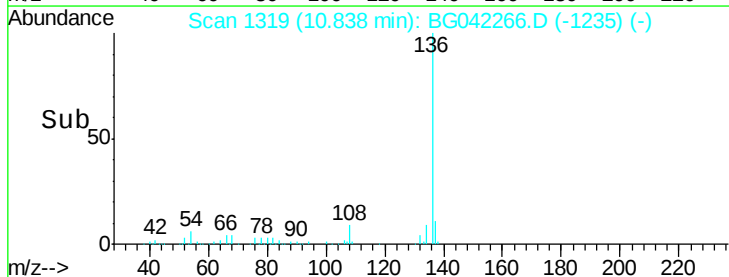
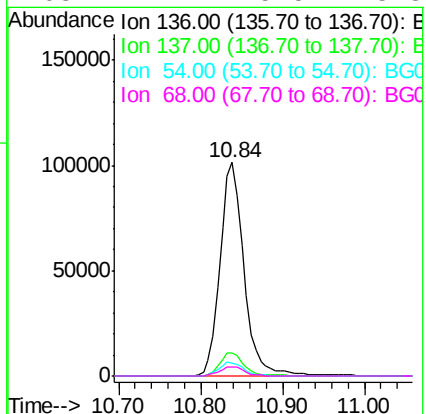
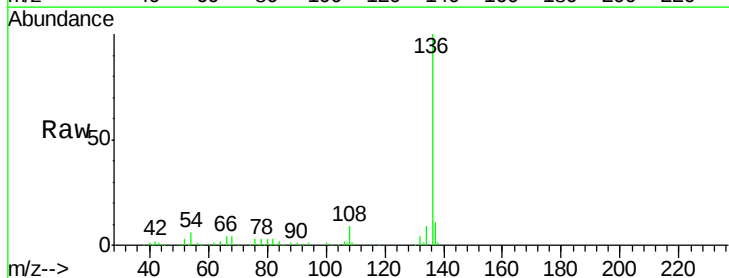
Ion Ratio Lower Upper

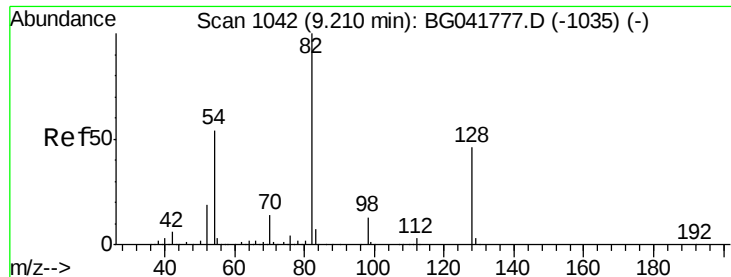
136 100

137 10.5 9.2 13.8

54 5.9 8.7 13.1#

68 4.4 5.5 8.3#

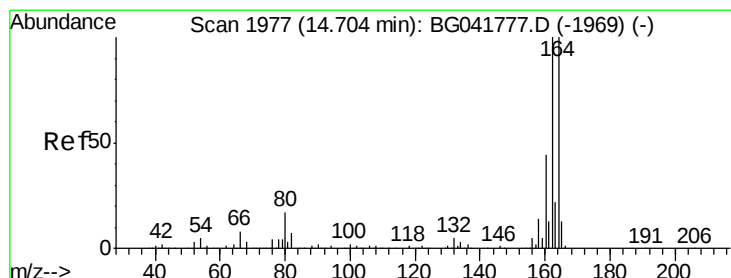
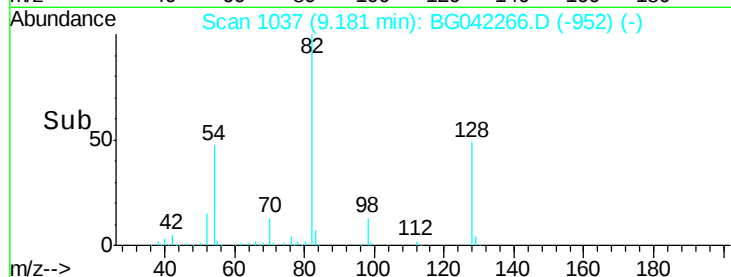
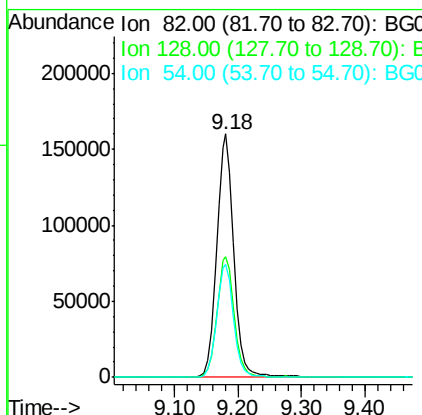
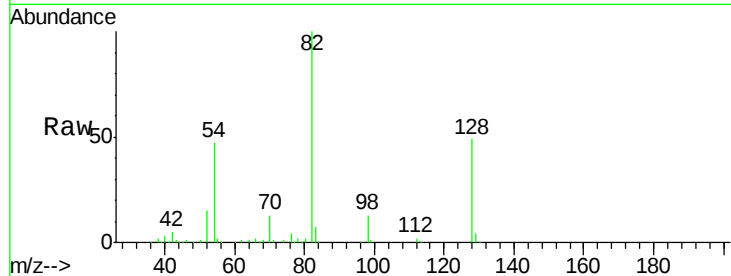




#23
 Nitrobenzene-d5
 Concen: 102.054 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

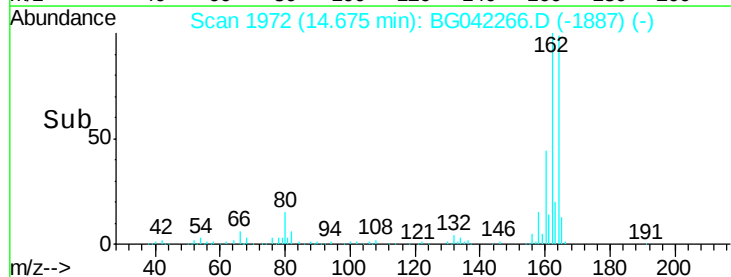
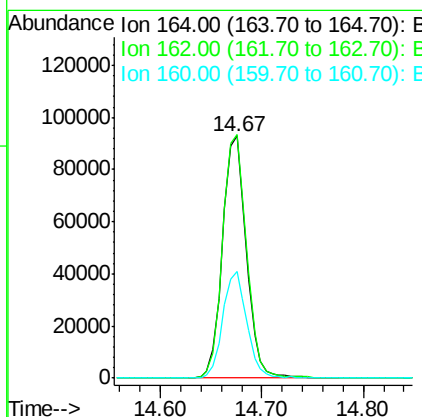
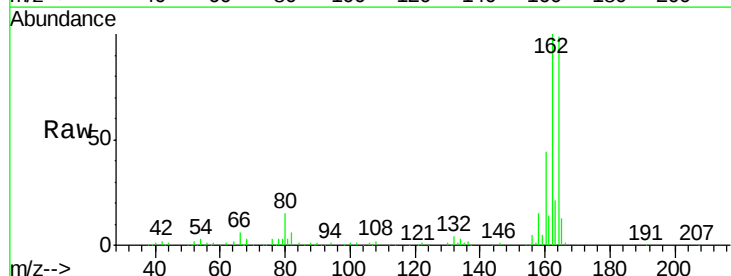
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMPOSITE

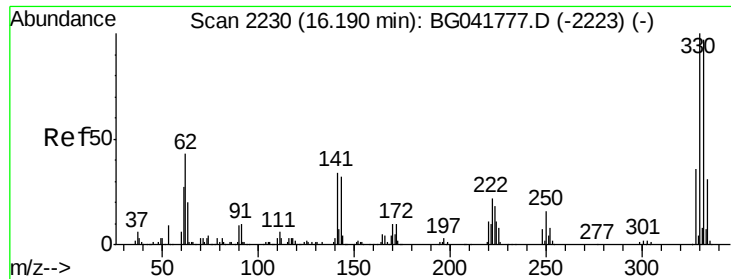
Tot Ion	82	Resp	306950
Ion Ratio	Lower	Upper	
82	100		
128	49.5	35.1	52.7
54	46.6	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

Tgt Ion	164	Resp	152016
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.6	119.4
160	43.9	35.4	53.0

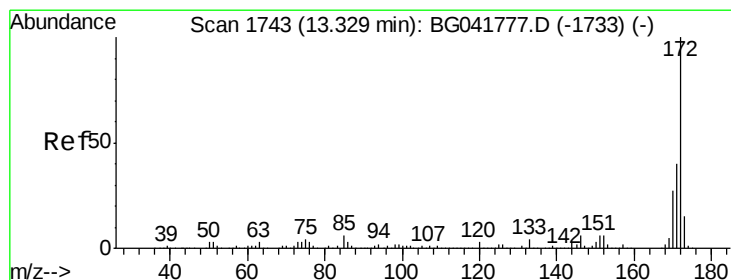
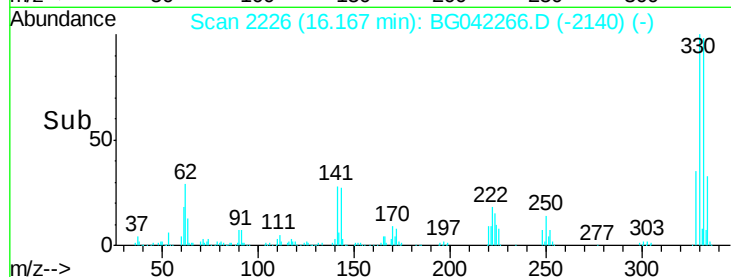
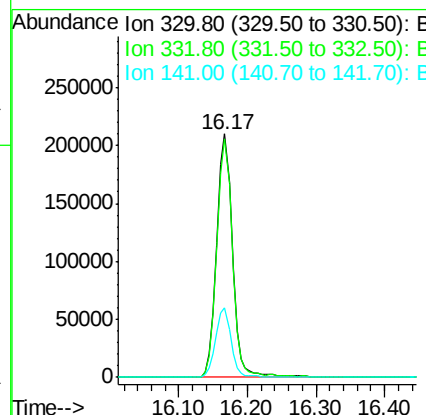
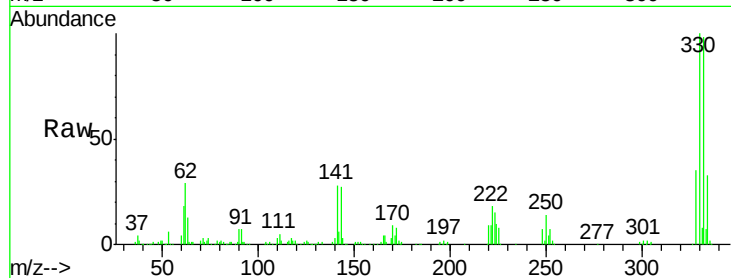




#42
 2,4,6-Tribromophenol
 Concen: 194.867 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

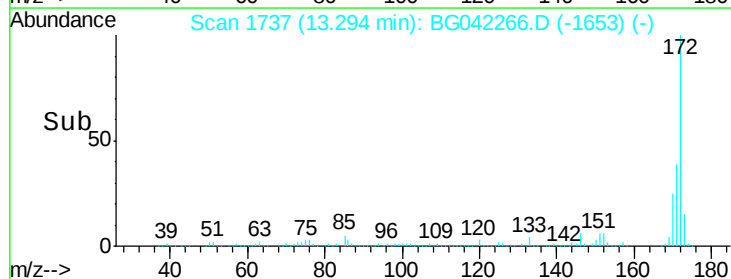
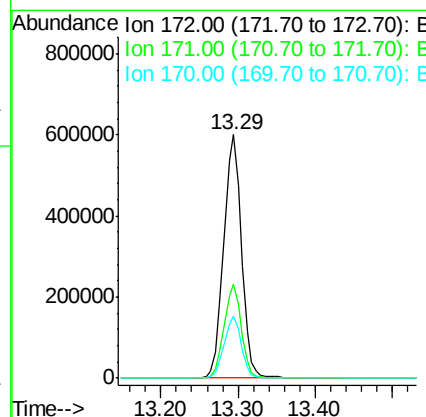
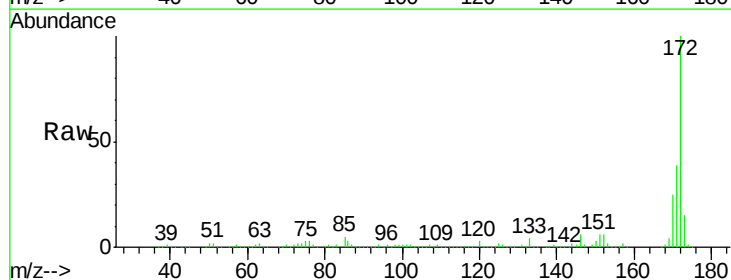
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMPOSITE

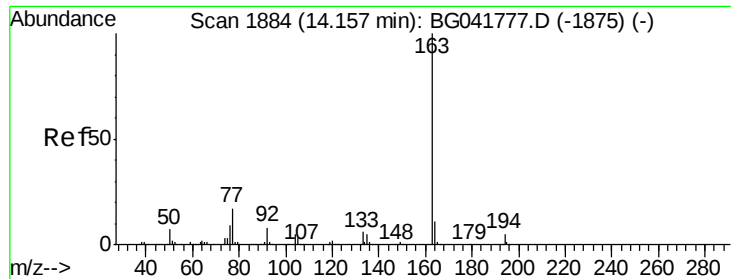
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	28.0	31.9	47.9#



#45
 2-Fluorobiphenyl
 Concen: 111.461 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	35.0	52.4
170	25.3	23.5	35.3





#50

Dimethylphthalate

Concen: 7.680 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG042266.D

Acq: 16 Aug 2019 19:14

Instrument :

BNA_G

ClientSampleId :

SOIL-COMPOSITE

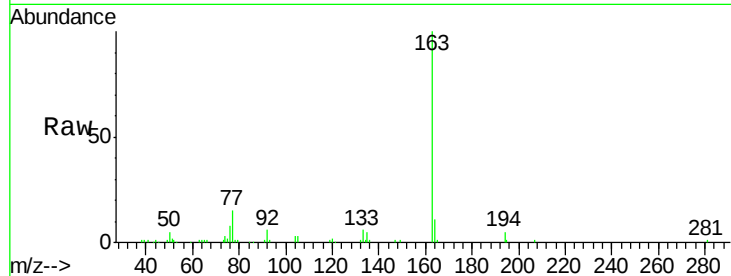
Tot Ion:163 Resp: 79735

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

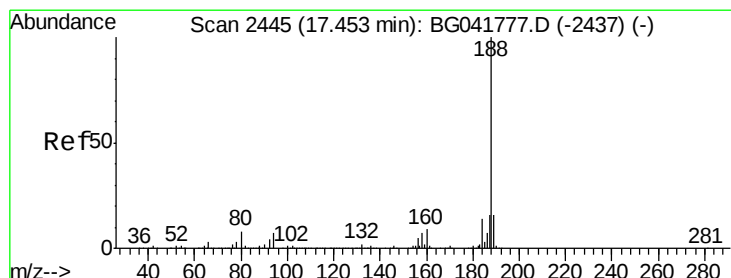
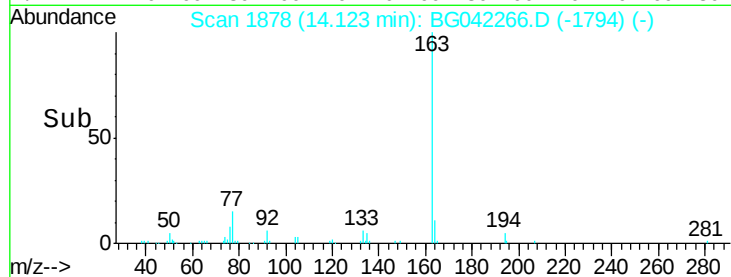
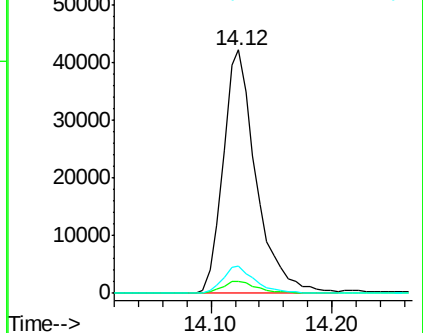
164 11.5 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.03 min

Lab File: BG042266.D

Acq: 16 Aug 2019 19:14

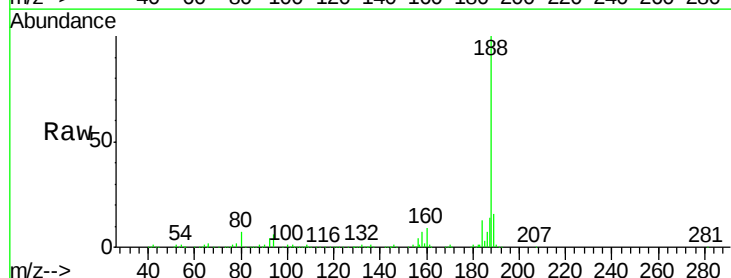
Tgt Ion:188 Resp: 370225

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

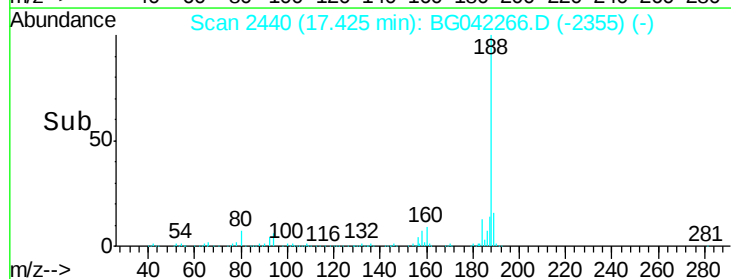
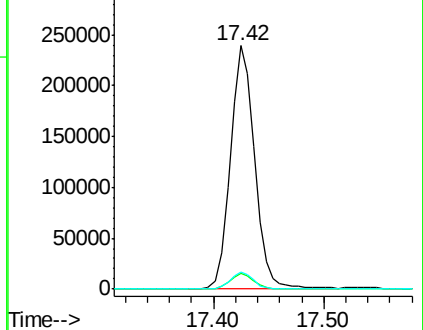
80 7.1 8.0 12.0#

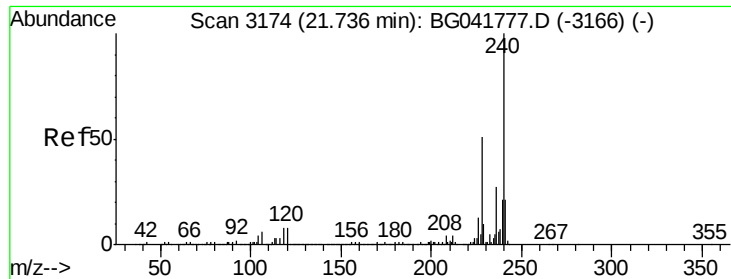


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

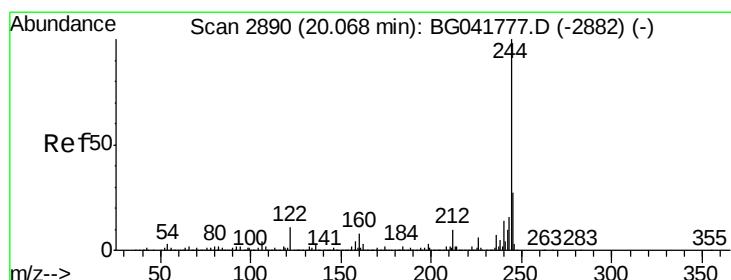
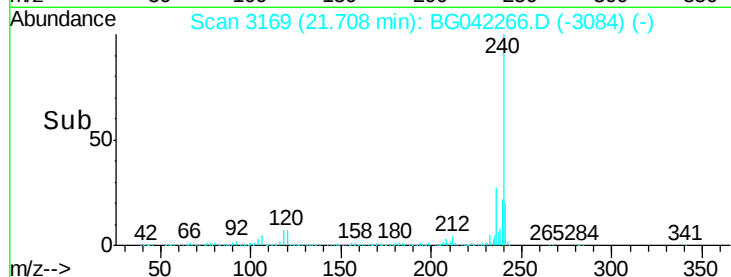
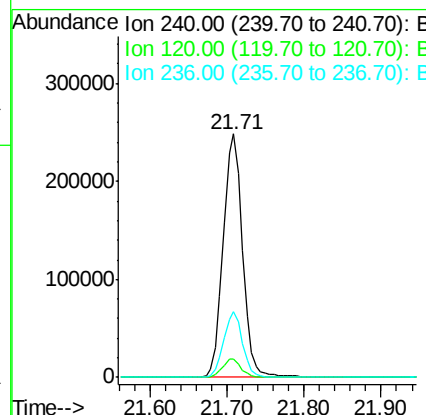
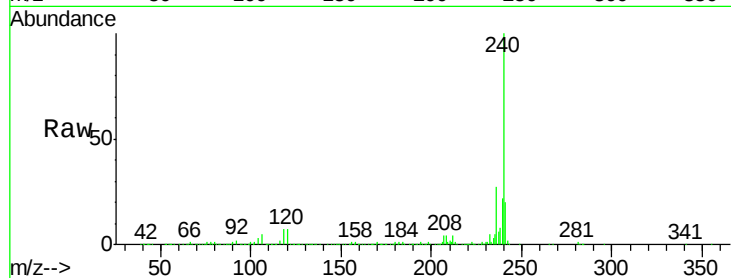




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.03 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

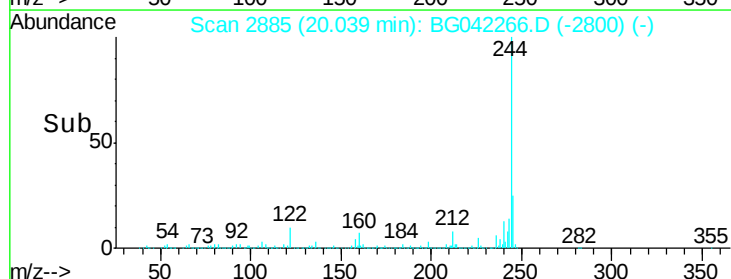
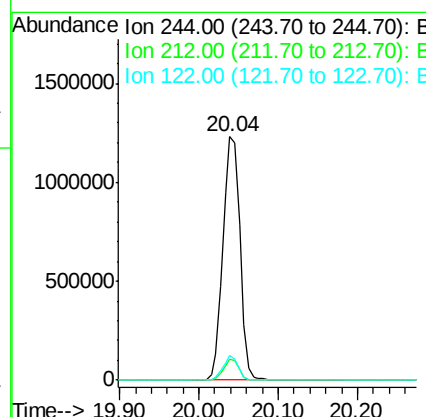
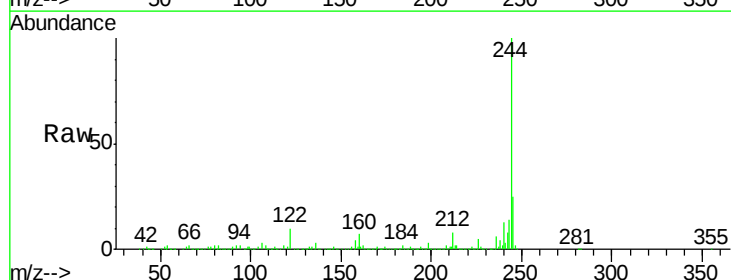
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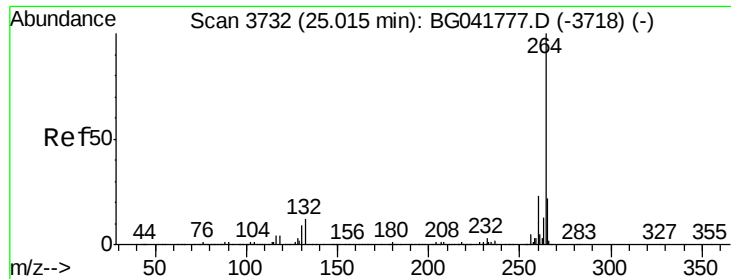
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.0	12.0#
236	26.8	22.6	33.8



#79
 Terphenyl-d14
 Concen: 97.065 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	9.7	14.5#
122	9.9	12.5	18.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3724
 Delta R.T. -0.05 min
 Lab File: BG042266.D
 Acq: 16 Aug 2019 19:14

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMPOSITE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	18.0	27.0

