

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043255.D
 Acq On : 16 Oct 2019 21:32
 Operator : JU
 Sample : K5351-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-FRAME-SOIL

Quant Time: Oct 17 01:55:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

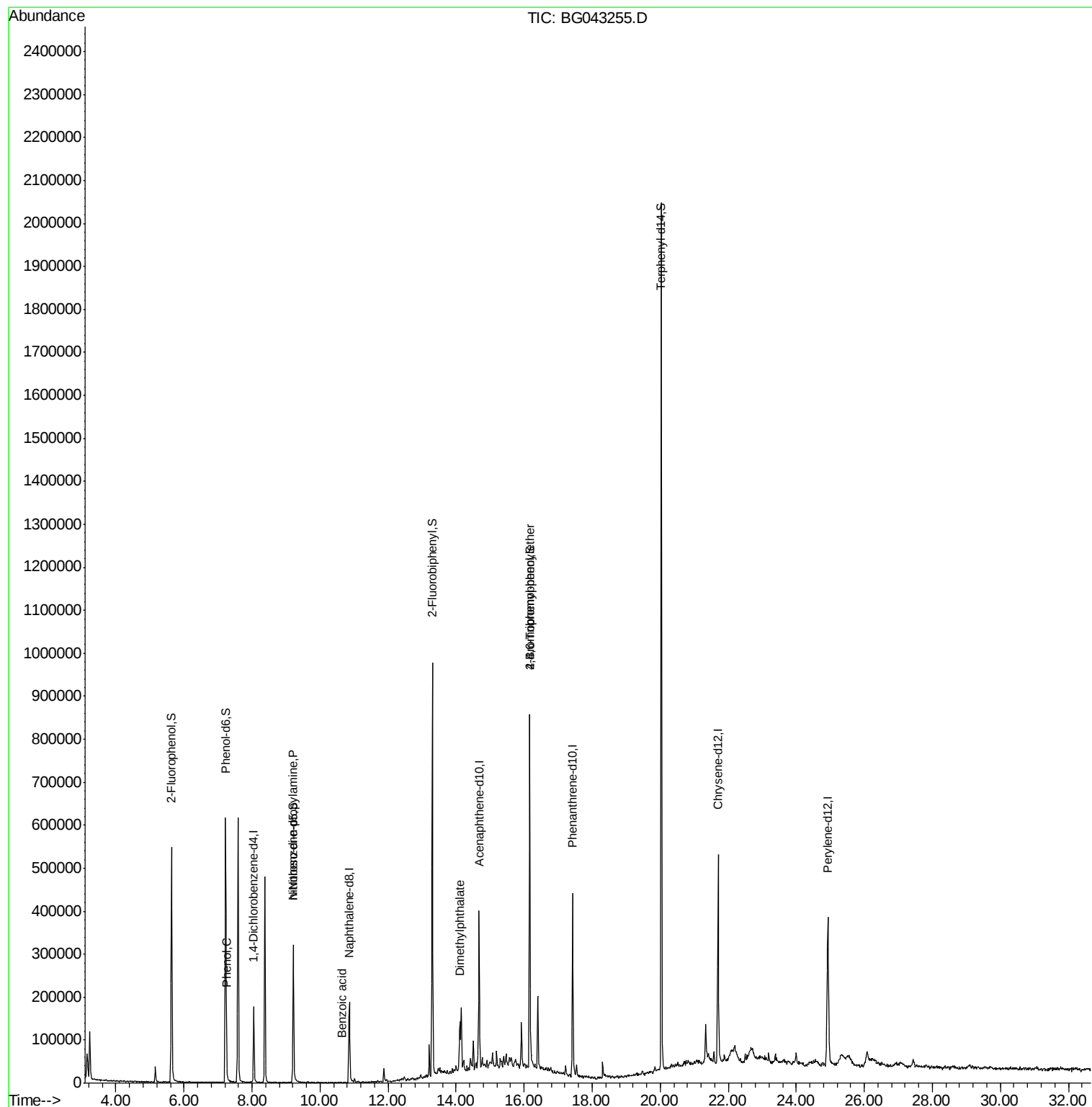
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52468	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	197238	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	136821	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	307080	20.00	ng	0.00
76) Chrysene-d12	21.69	240	335727	20.00	ng	0.00
87) Perylene-d12	24.93	264	390695	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	262406	89.25	ng	0.00
7) Phenol-d6	7.22	99	375013	88.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	227471	56.06	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	205606	87.39	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	579465	61.40	ng	0.00
79) Terphenyl-d14	20.03	244	1076490	68.33	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9223	2.374	ng	85
19) n-Nitroso-di-n-propylamine	9.22	70	30337	10.913	ng	# 67
32) Benzoic acid	10.65	122	64	2.834	ng	# 1
50) Dimethylphthalate	14.12	163	73365	7.157	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	13151	3.412	ng	# 1

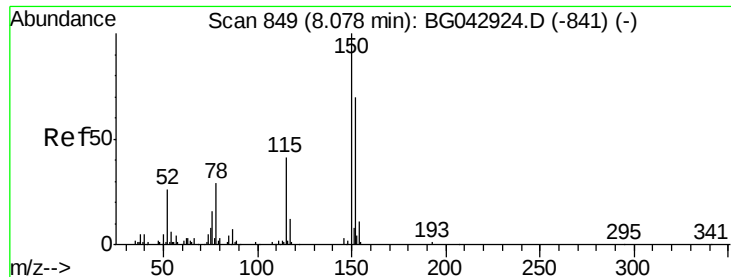
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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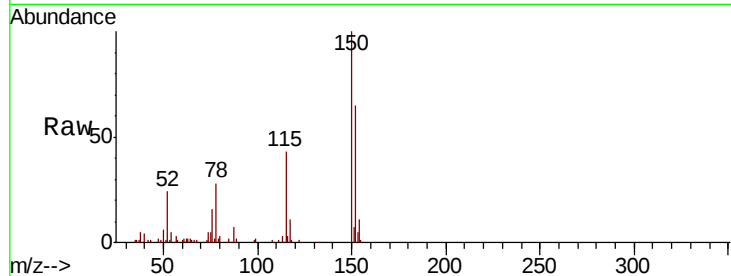


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

Instrument :
BNA_G
ClientSampleId :
A-FRAME-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	115.0	172.4
115	66.7	47.0	70.6

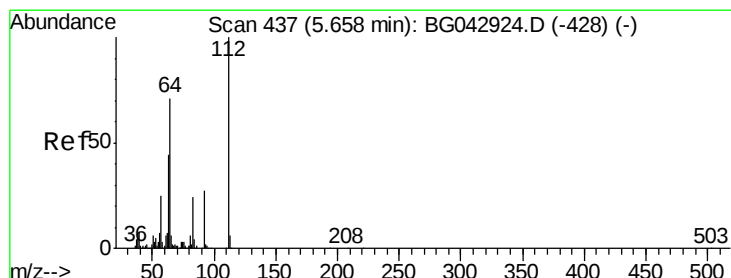
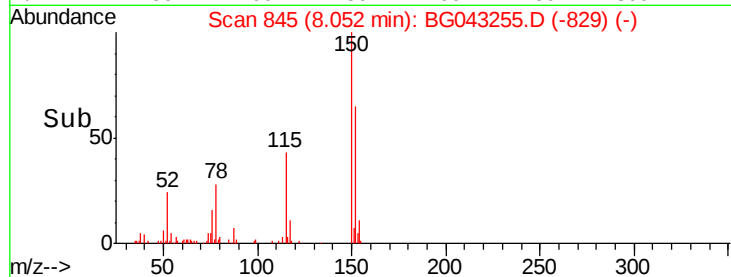
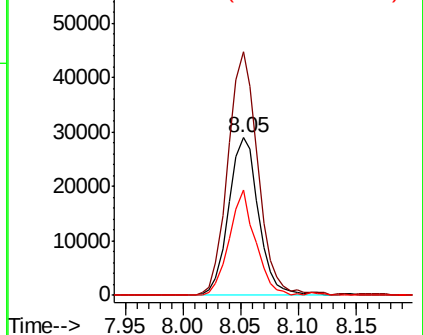


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

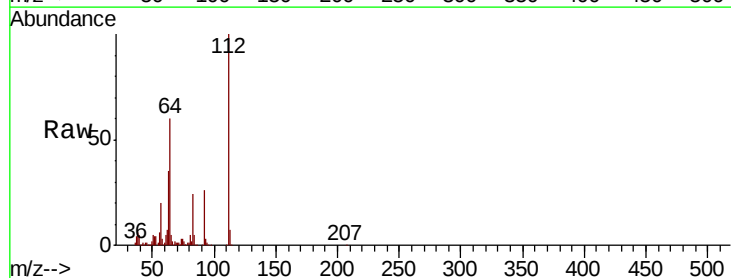
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.254 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.6	84.8
63	35.1	35.1	52.7

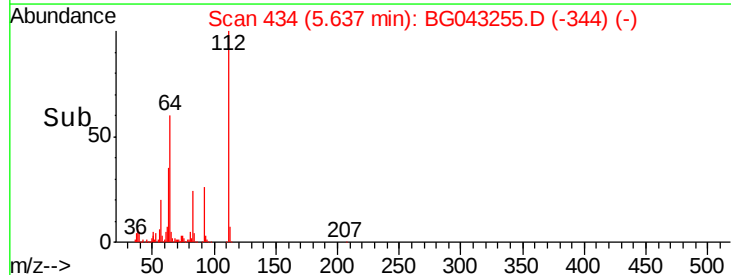
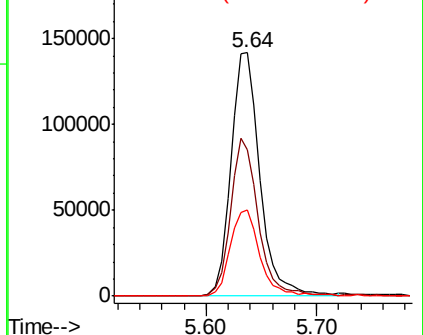


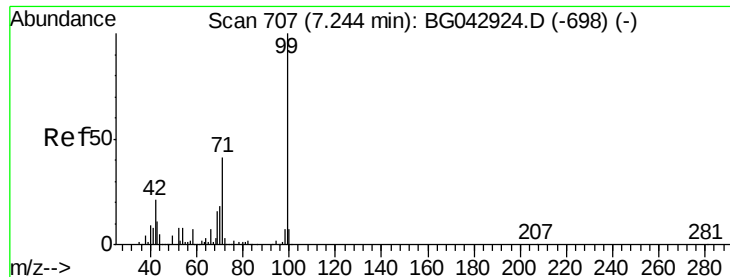
Abundance

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: 88.576 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

Instrument :

BNA_G

ClientSampled :

A-FRAME-SOIL

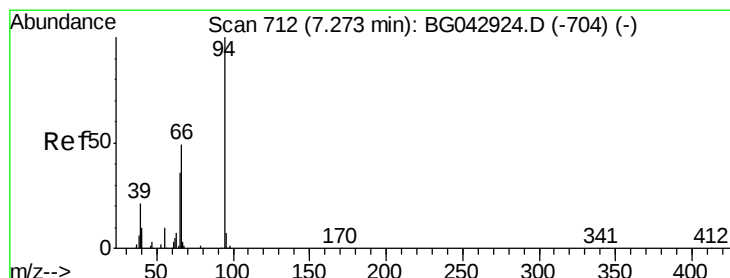
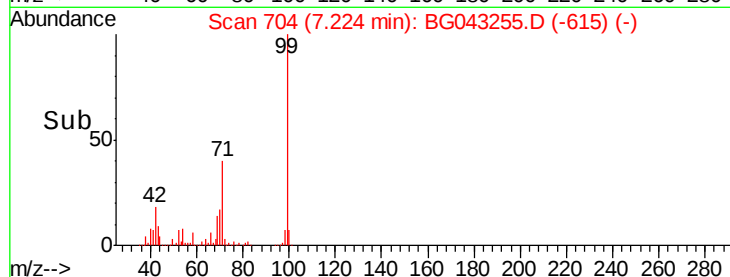
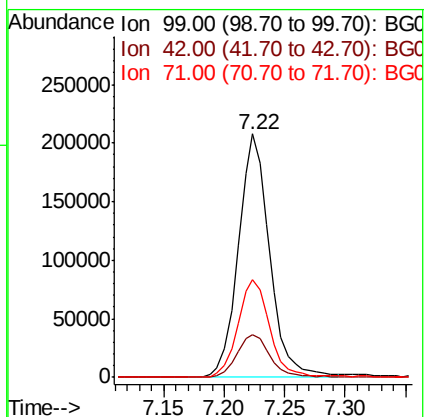
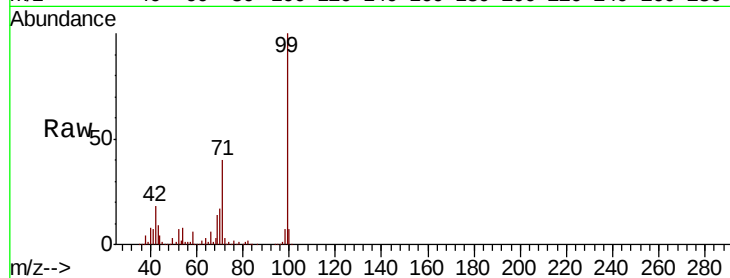
Tot Ion: 99 Resp: 375013

Ion Ratio Lower Upper

99 100

42 17.8 17.2 25.8

71 40.1 33.1 49.7



#10

Phenol

Concen: 2.374 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

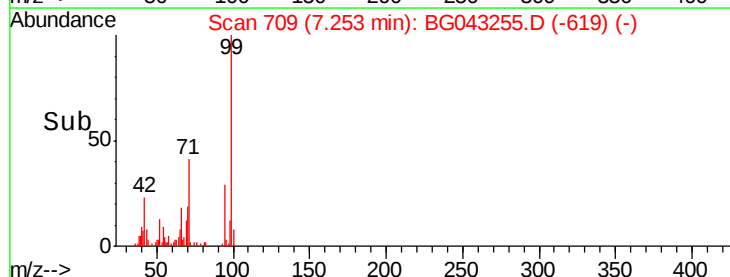
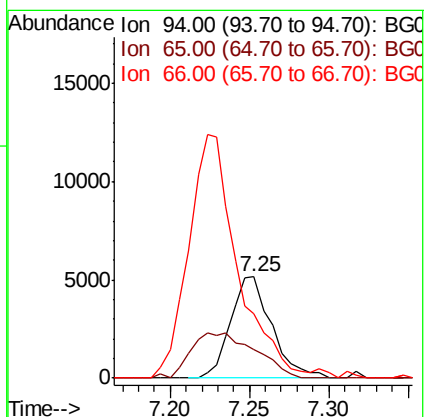
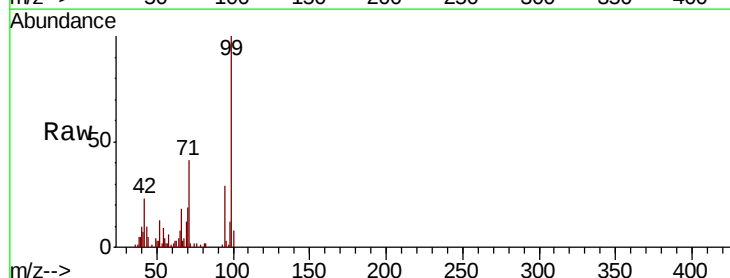
Tgt Ion: 94 Resp: 9223

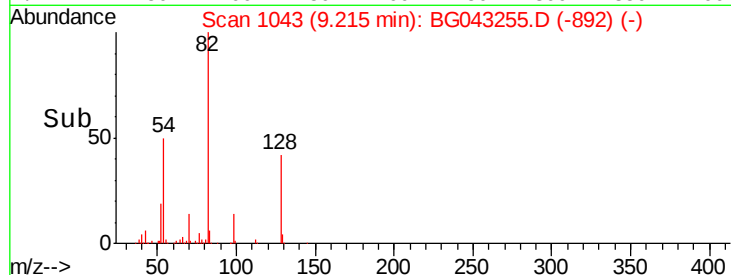
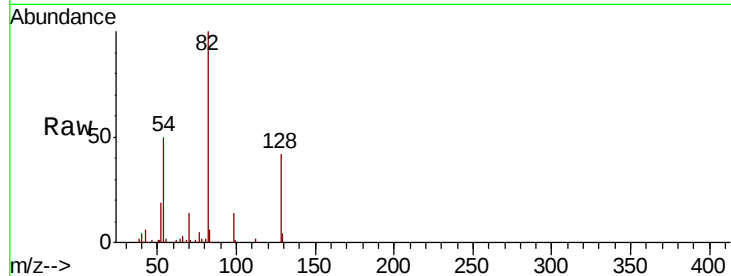
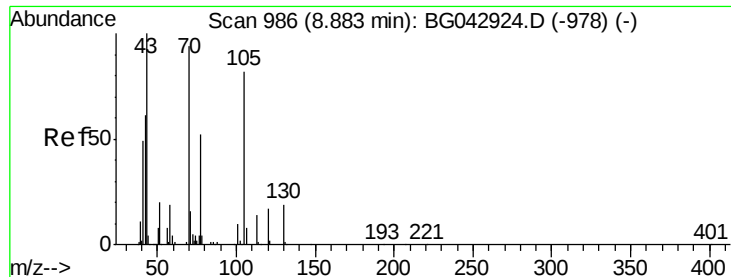
Ion Ratio Lower Upper

94 100

65 28.5 16.6 56.6

66 63.9 32.4 72.4

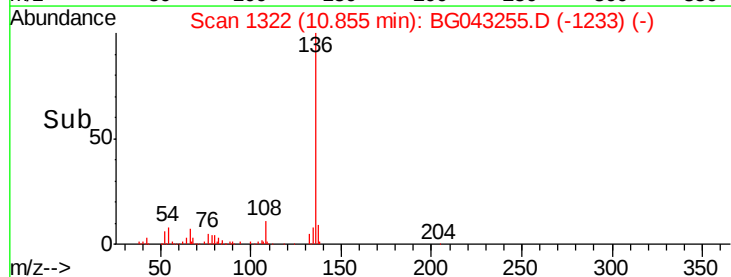
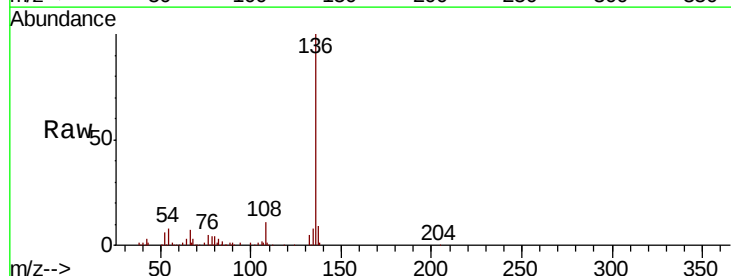
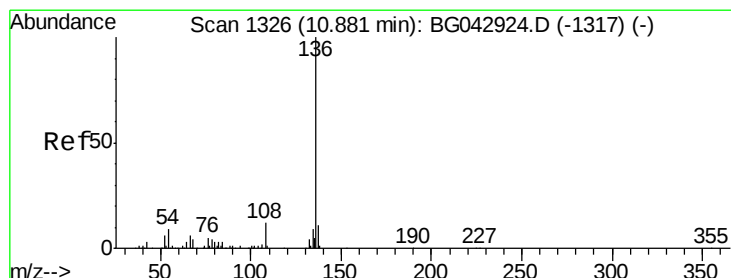
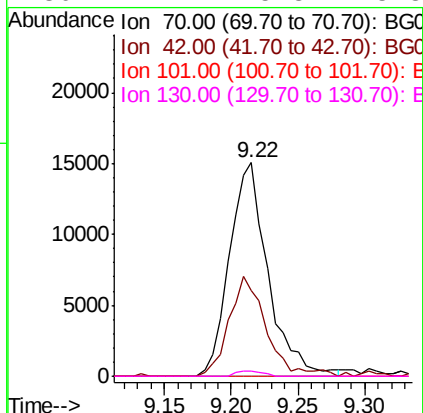




#19
n-Nitroso-di-n-propylamine
Concen: 10.913 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.36 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

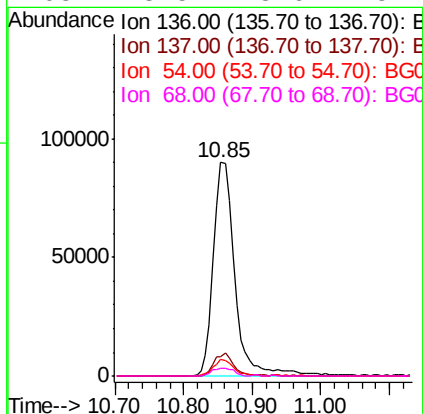
Instrument :
BNA_G
ClientSampleId :
A-FRAME-SOIL

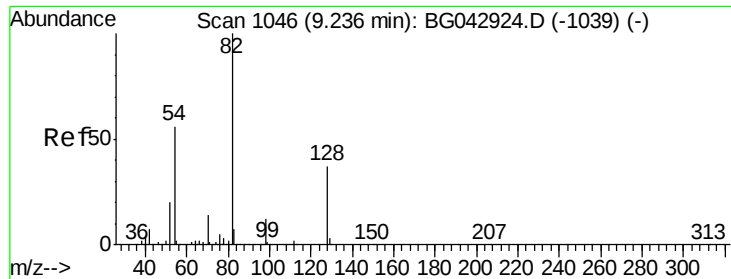
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	40.1	52.6	79.0#	
101	0.0	8.7	13.1#	
130	2.2	15.8	23.8#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	9.1	8.5	12.7	
54	7.7	7.4	11.2	
68	3.5	3.6	5.4#	

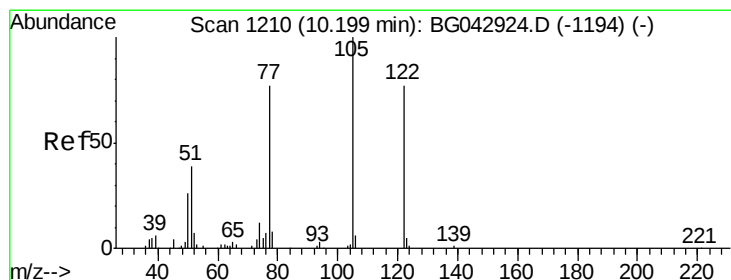
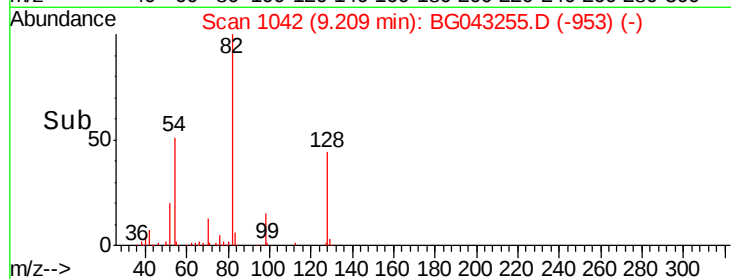
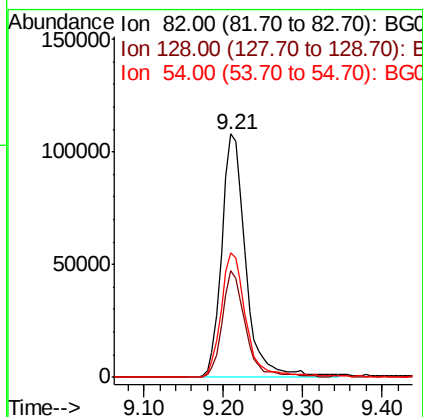
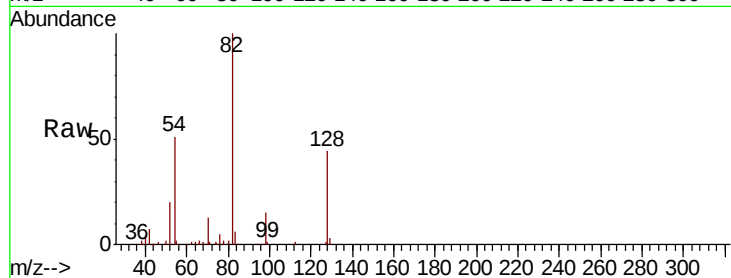




#23
 Nitrobenzene-d5
 Concen: 56.055 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043255.D
 Acq: 16 Oct 2019 21:32

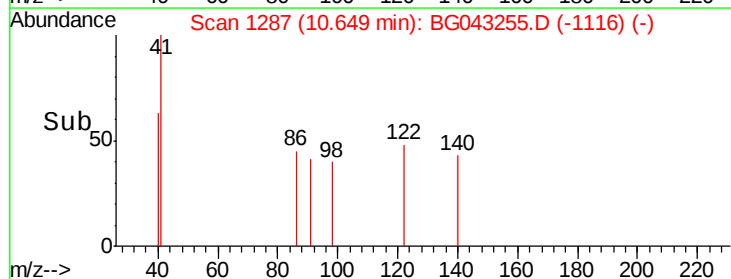
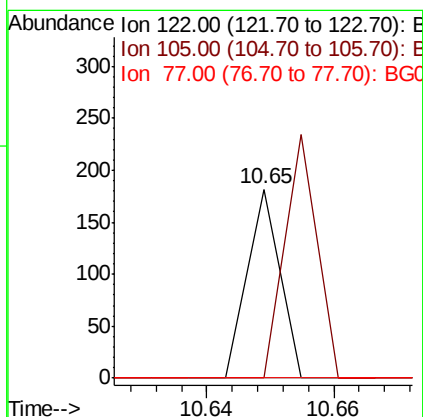
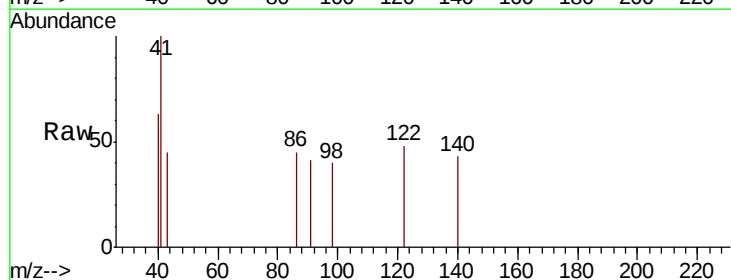
Instrument :
 BNA_G
 ClientSampleId :
 A-FRAME-SOIL

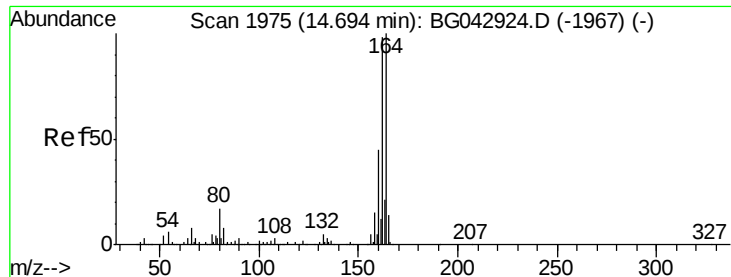
Tot Ion	82	Resp	227471
Ion Ratio	100	Lower	Upper
128	44.0	29.5	44.3
54	51.2	44.6	67.0



#32
 Benzoic acid
 Concen: 2.834 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.47 min
 Lab File: BG043255.D
 Acq: 16 Oct 2019 21:32

Tgt Ion	122	Resp	64
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

A-FRAME-SOIL

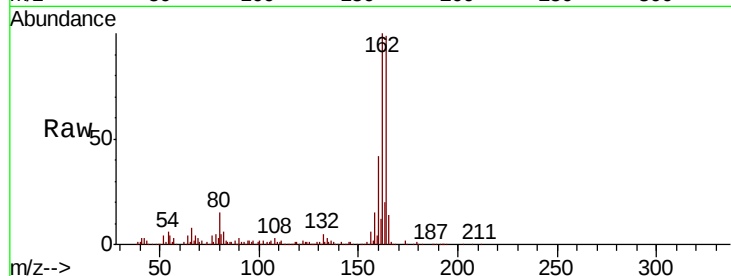
Tot Ion:164 Resp: 136821

Ion Ratio Lower Upper

164 100

162 100.6 78.5 117.7

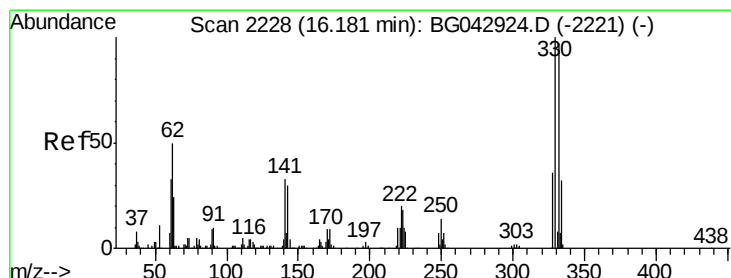
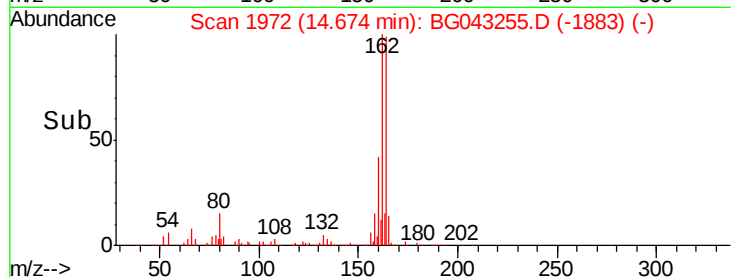
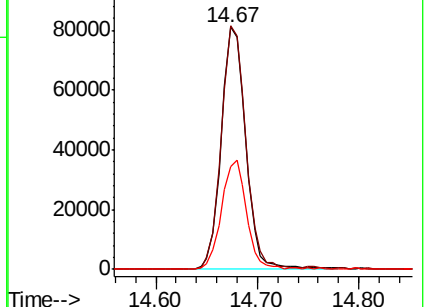
160 42.7 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 87.391 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

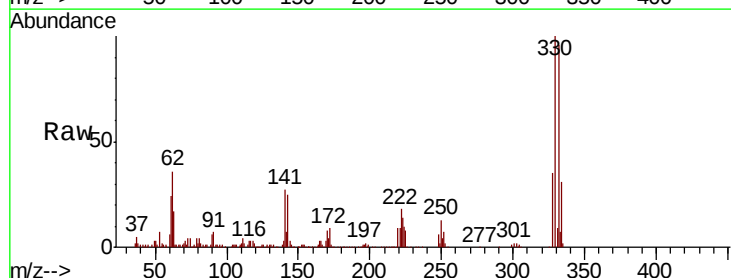
Tgt Ion:330 Resp: 205606

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

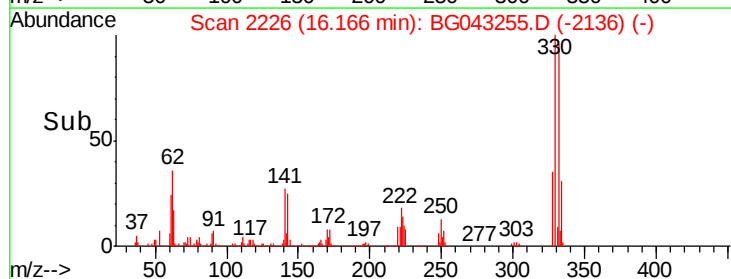
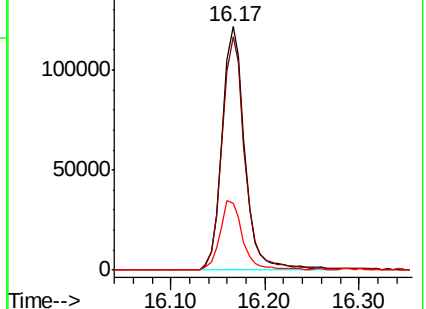
141 29.0 26.0 39.0

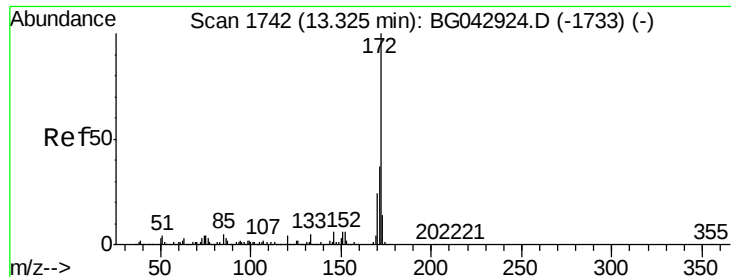


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

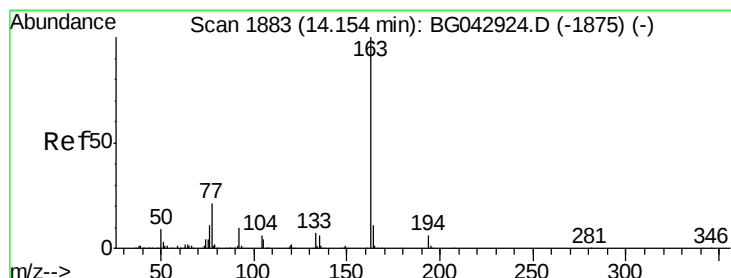
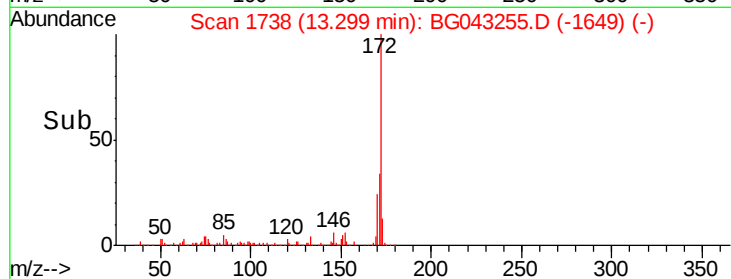
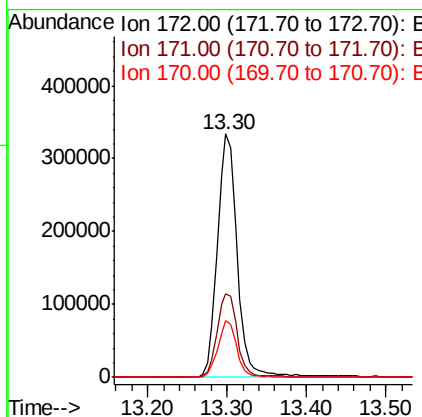
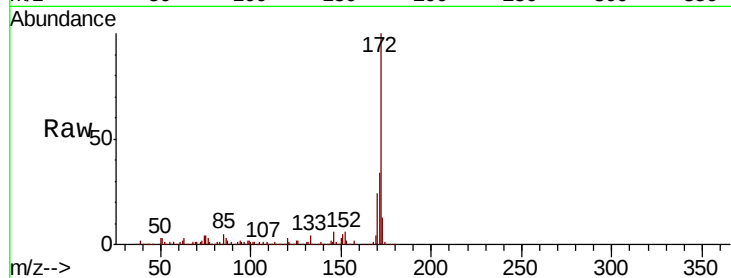




#45
2-Fluorobiphenyl
Concen: 61.398 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

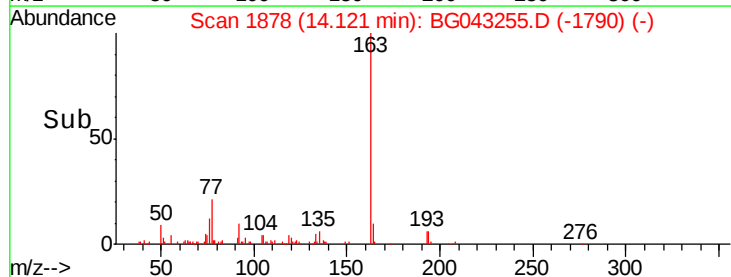
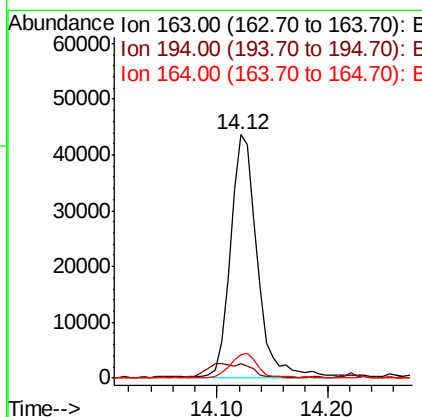
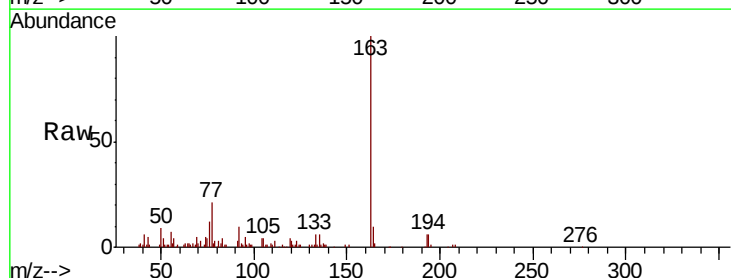
Instrument :
BNA_G
ClientSampleId :
A-FRAME-SOIL

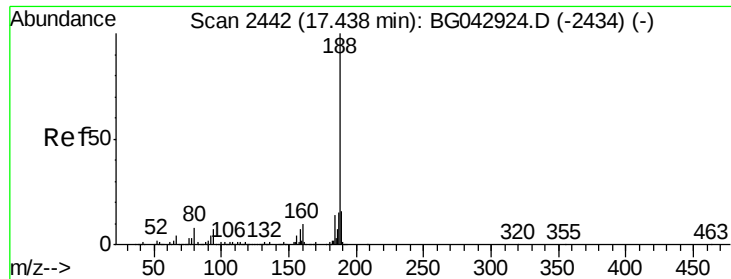
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.5	19.6	29.4



#50
Dimethylphthalate
Concen: 7.157 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043255.D
Acq: 16 Oct 2019 21:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.1	4.4	6.6
164	9.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

Instrument :

BNA_G

ClientSampleId :

A-FRAME-SOIL

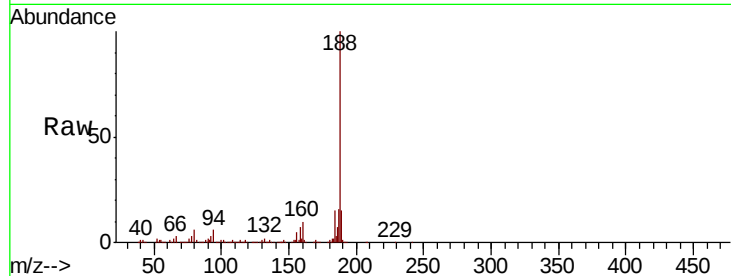
Tot Ion:188 Resp: 307080

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

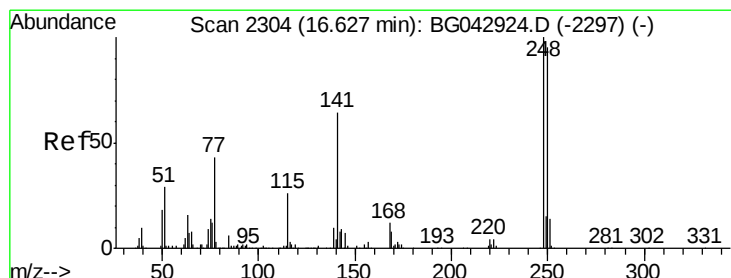
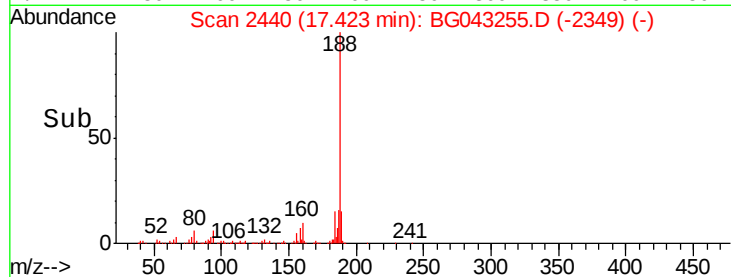
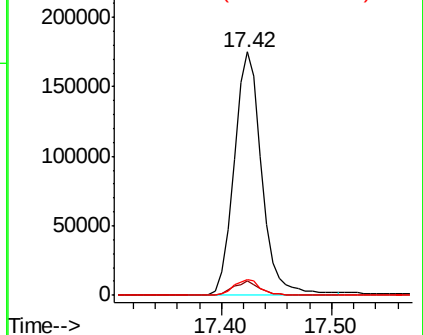
80 6.3 6.5 9.7#



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



#67

4-Bromophenyl-phenylether

Concen: 3.412 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG043255.D

Acq: 16 Oct 2019 21:32

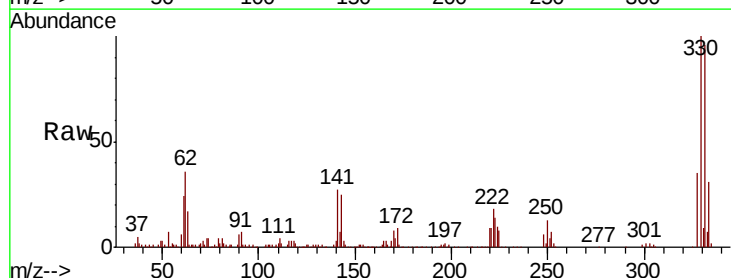
Tgt Ion:248 Resp: 13151

Ion Ratio Lower Upper

248 100

250 214.3 75.8 113.8#

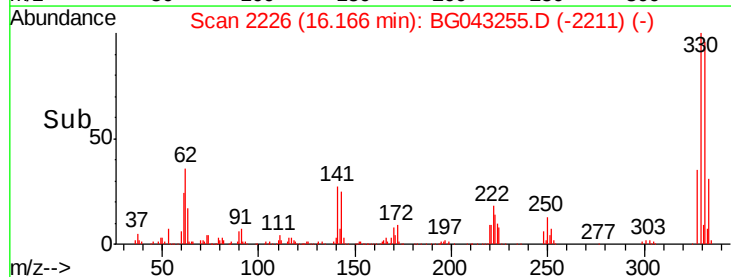
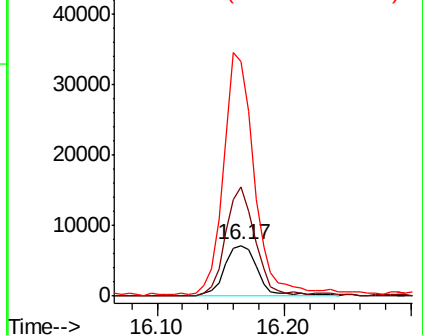
141 461.1 51.1 76.7#

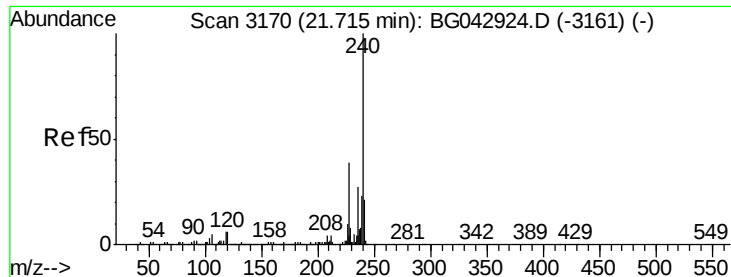


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

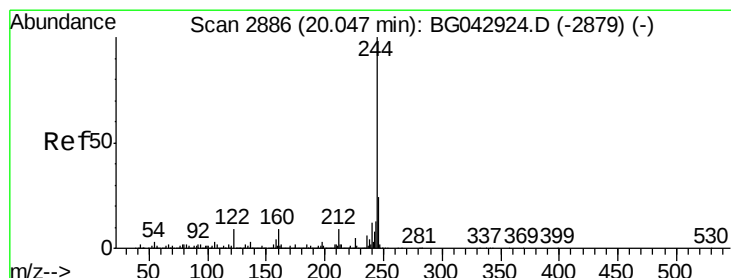
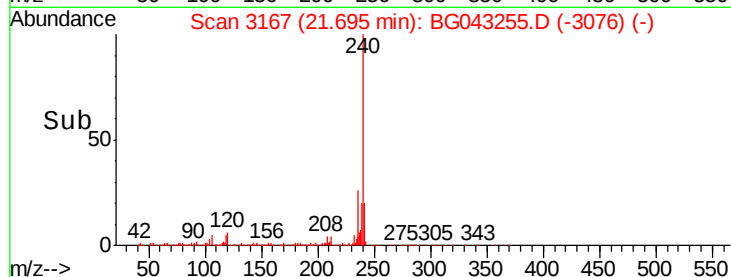
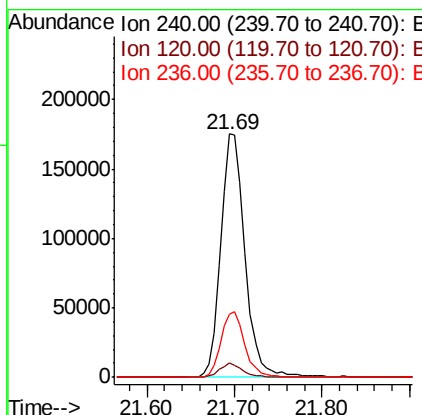
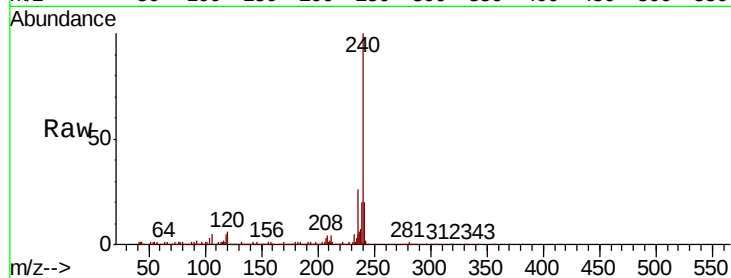




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG043255.D
 Acq: 16 Oct 2019 21:32

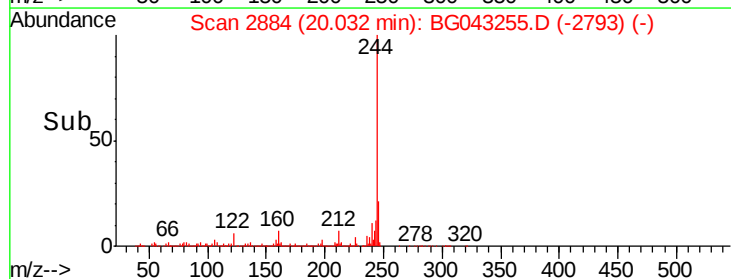
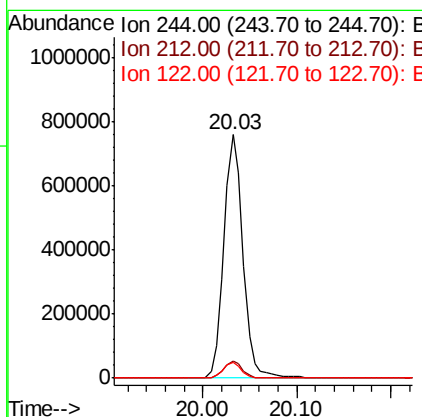
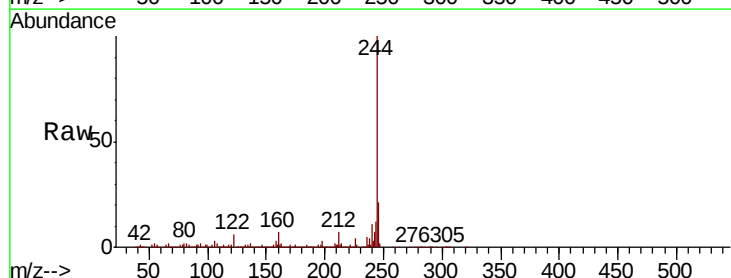
Instrument :
 BNA_G
 ClientSampleId :
 A-FRAME-SOIL

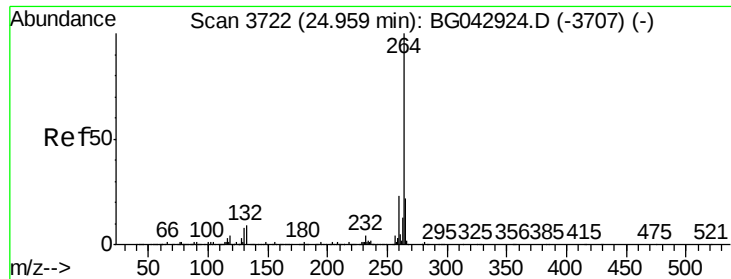
Tot Ion:240 Resp: 335727
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.8 7.2
 236 25.9 21.4 32.0



#79
 Terphenyl-d14
 Concen: 68.325 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG043255.D
 Acq: 16 Oct 2019 21:32

Tgt Ion:244 Resp: 1076490
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.4 11.0#
 122 6.5 7.0 10.4#

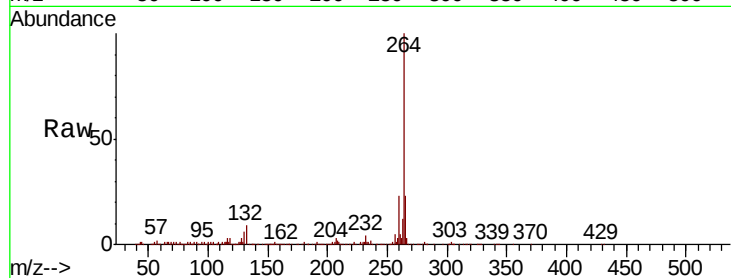




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. 0.02 min
 Lab File: BG043255.D
 Acq: 16 Oct 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :
 A-FRAME-SOIL

Tot Ion:	264	Resp:	390695
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	22.6	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

