

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049211.D
 Acq On : 7 Jul 2021 22:55
 Operator : CG/JU
 Sample : M2947-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-7

Quant Time: Jul 08 02:22:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

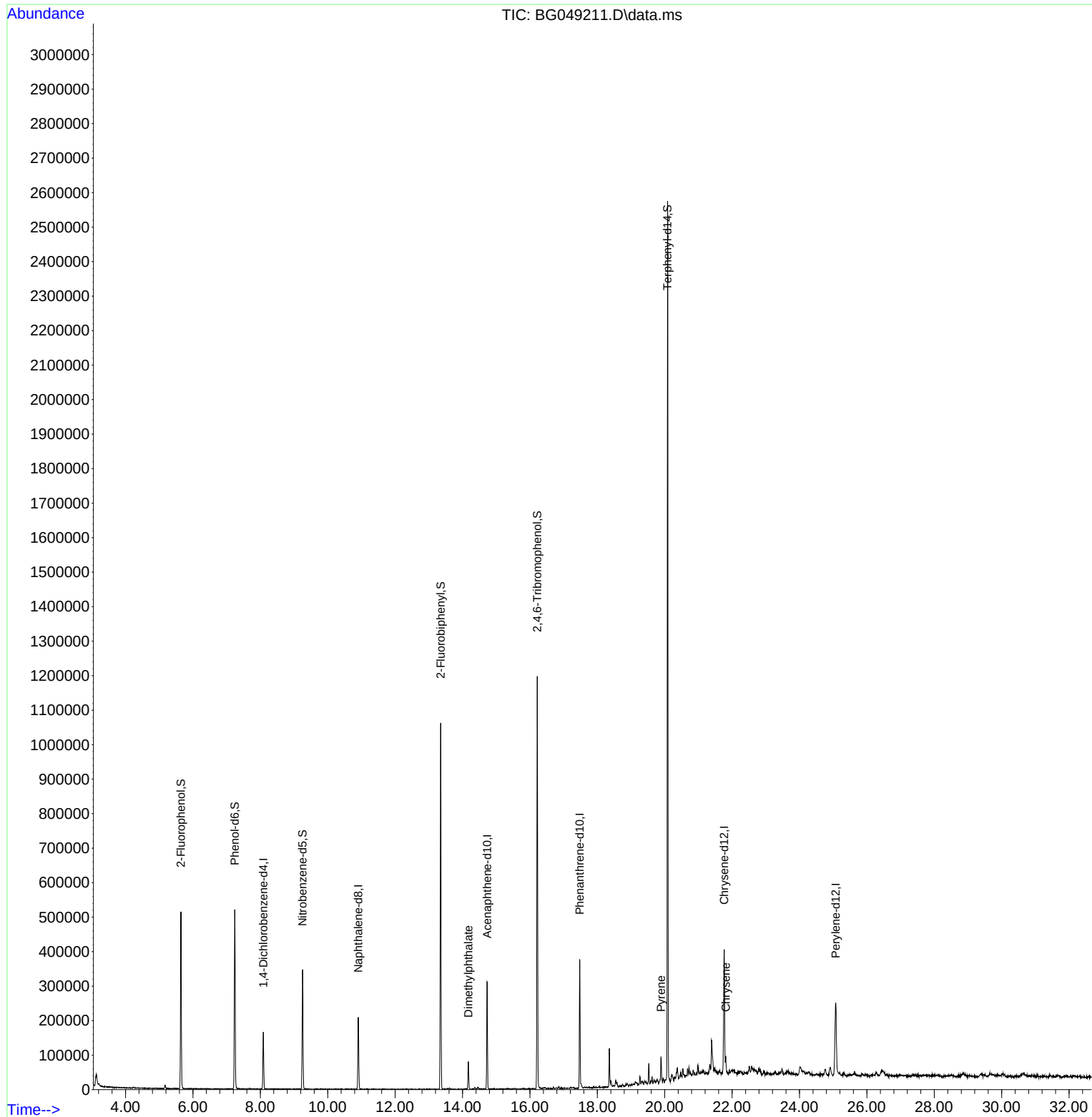
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	42857	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	171539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	111690	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	236390	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	229760	20.000	ng	0.00
86) Perylene-d12	25.074	264	243011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	207037	75.665	ng	0.00
7) Phenol-d6	7.242	99	273349	70.070	ng	0.00
23) Nitrobenzene-d5	9.251	82	209065	51.672	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	248377	128.281	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	545248	65.863	ng	0.00
79) Terphenyl-d14	20.086	244	1220355	90.003	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.175	163	50249	5.606	ng	98
78) Pyrene	19.892	202	46958	2.752	ng	96
83) Chrysene	21.813	228	35208	2.163	ng	99

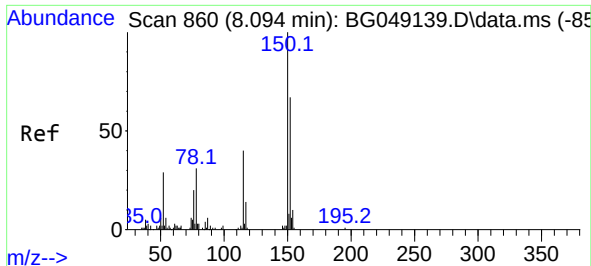
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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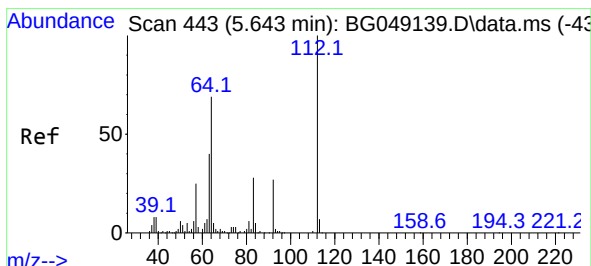
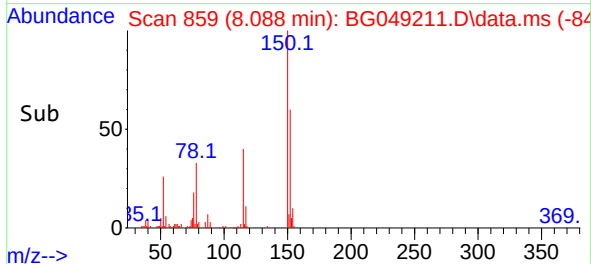
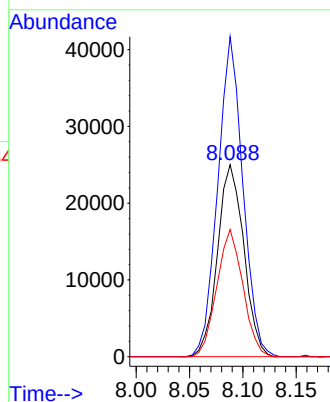
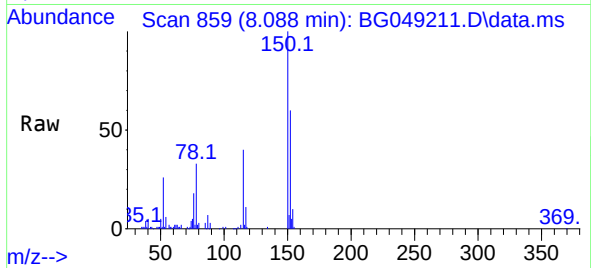




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

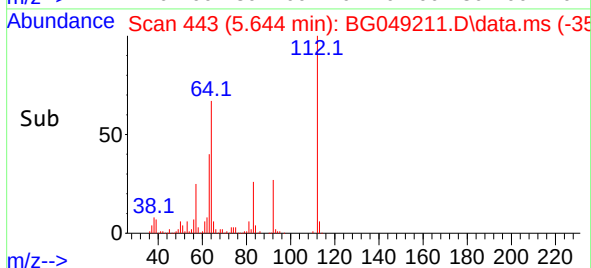
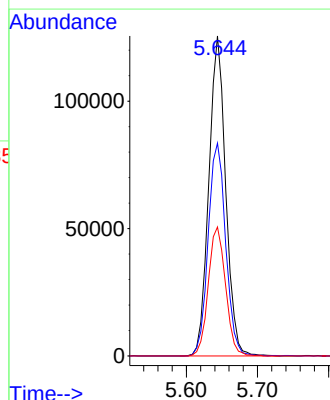
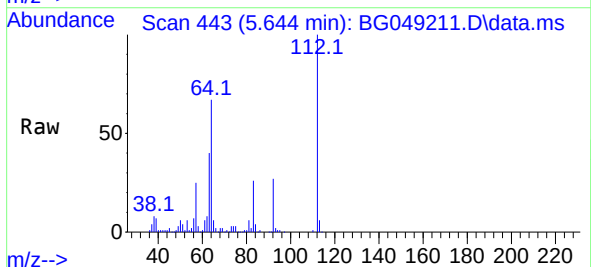
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-7

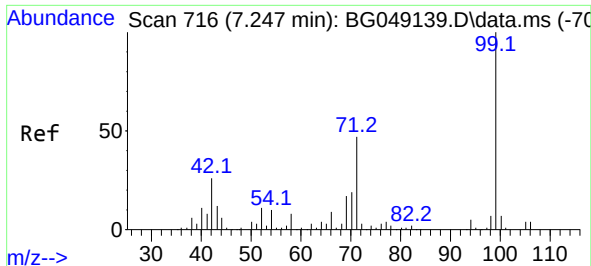
Tgt Ion:152 Resp: 42857
Ion Ratio Lower Upper
152 100
150 166.7 119.4 179.0
115 66.3 60.2 90.4



#5
2-Fluorophenol
Concen: 75.665 ng
RT: 5.644 min Scan# 443
Delta R.T. 0.009 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

Tgt Ion:112 Resp: 207037
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 40.3 35.3 52.9



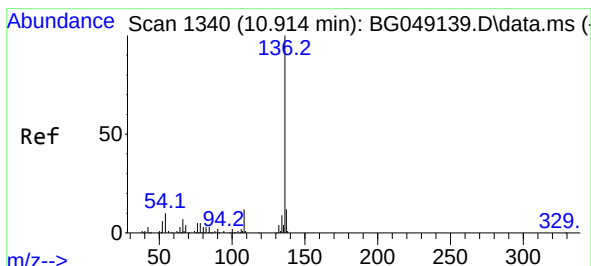
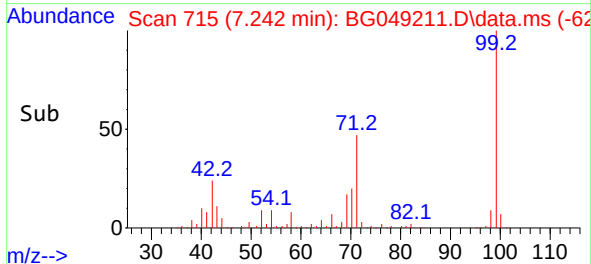
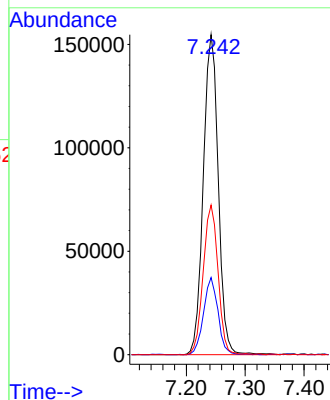
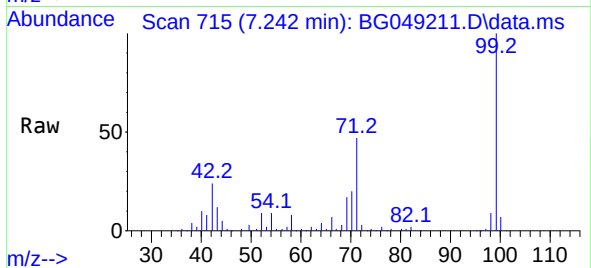


#7
Phenol-d6
Concen: 70.070 ng
RT: 7.242 min Scan# 715
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-7

Tgt Ion: 99 Resp: 273349

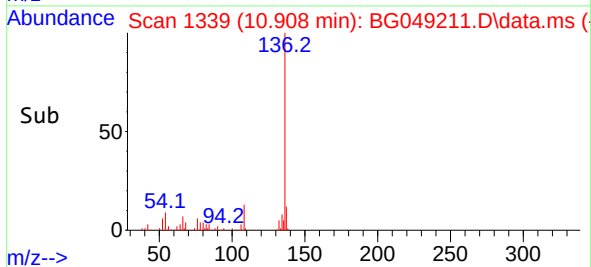
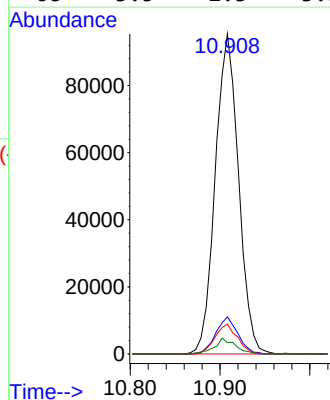
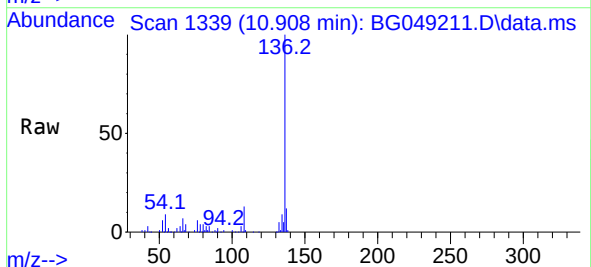
Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.5	30.7
71	46.7	41.5	62.3

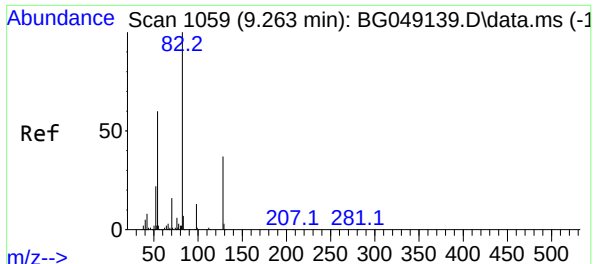


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

Tgt Ion: 136 Resp: 171539

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	9.4	5.5	8.3#
68	3.5	2.3	3.5#

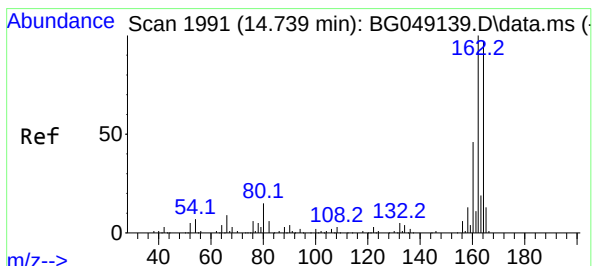
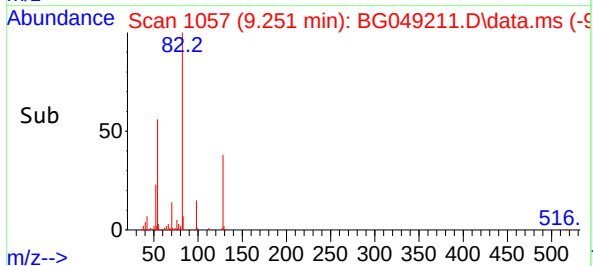
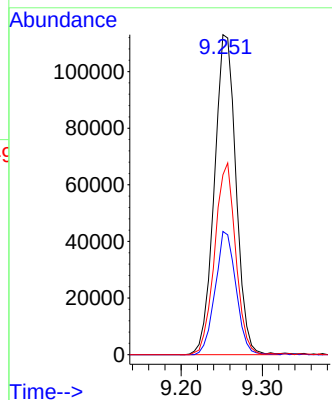
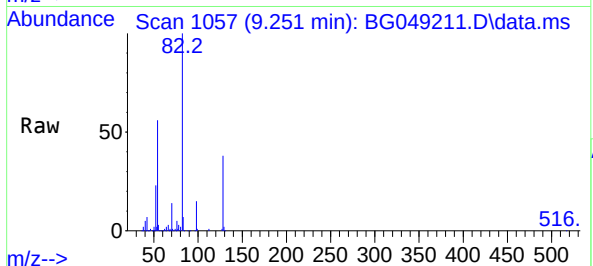




#23
Nitrobenzene-d5
Concen: 51.672 ng
RT: 9.251 min Scan# 1057
Delta R.T. -0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

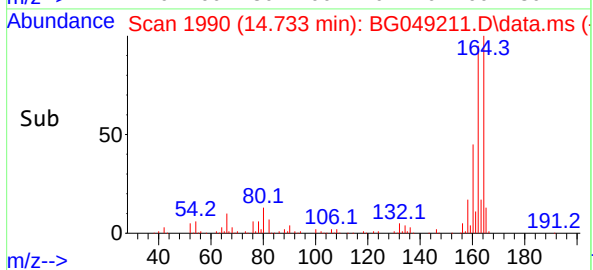
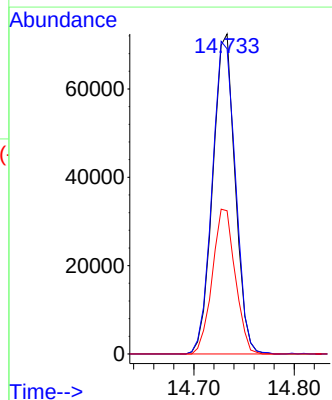
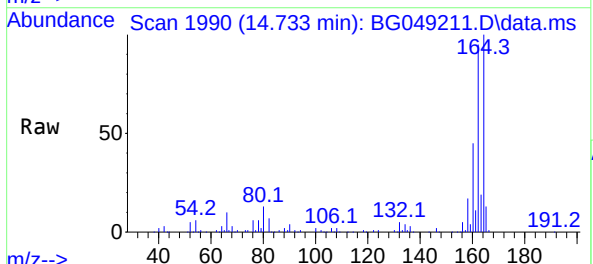
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-7

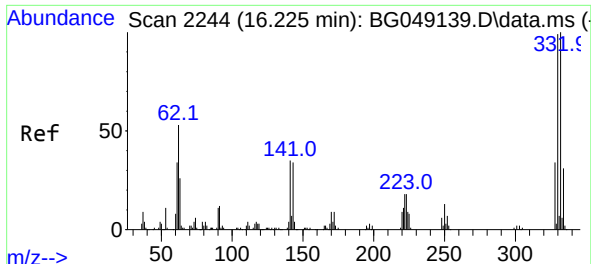
Tgt Ion: 82 Resp: 209065
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 56.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

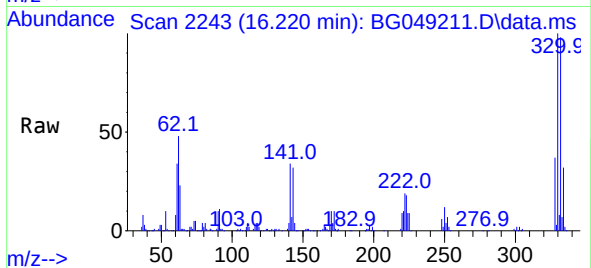
Tgt Ion:164 Resp: 111690
Ion Ratio Lower Upper
164 100
162 95.3 81.4 122.0
160 44.7 34.9 52.3



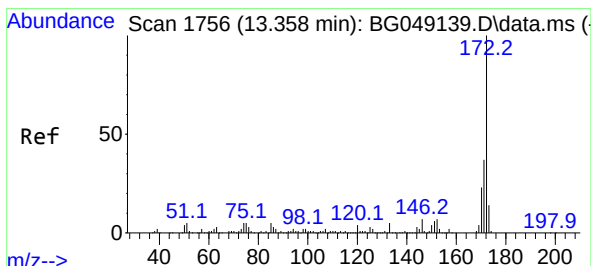
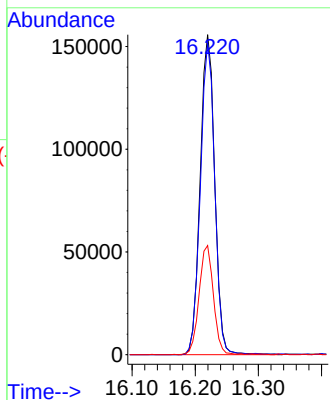
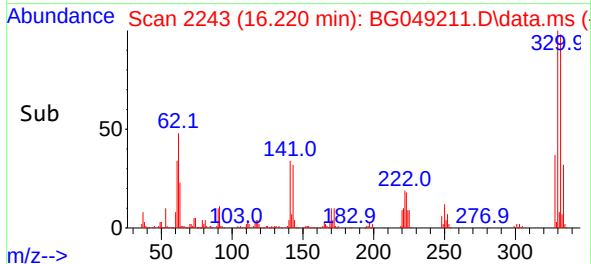


#42
2,4,6-Tribromophenol
Concen: 128.281 ng
RT: 16.220 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

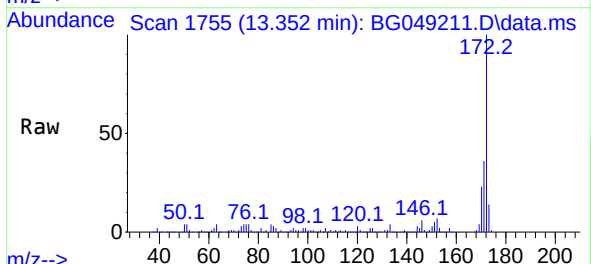
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-7



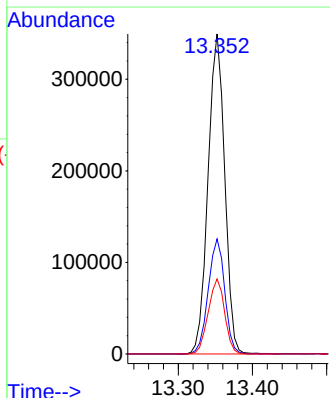
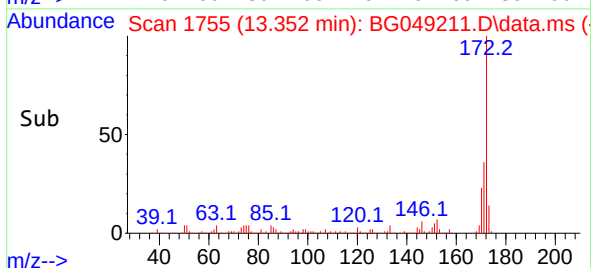
Tgt Ion:330 Resp: 248377
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.7 35.6 53.4#

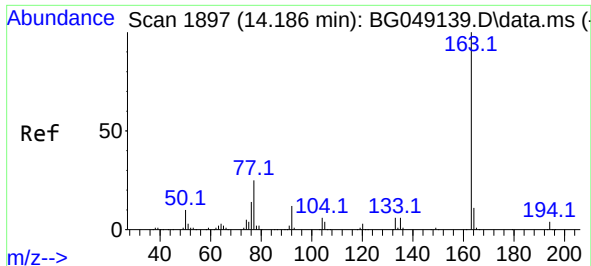


#45
2-Fluorobiphenyl
Concen: 65.863 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55



Tgt Ion:172 Resp: 545248
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 18.6 27.8

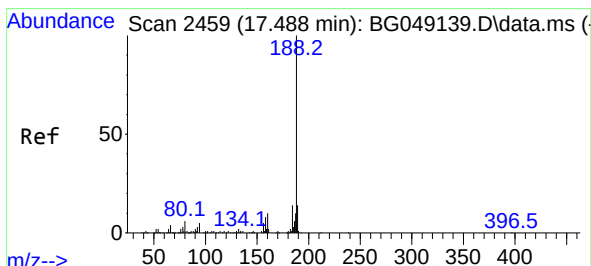
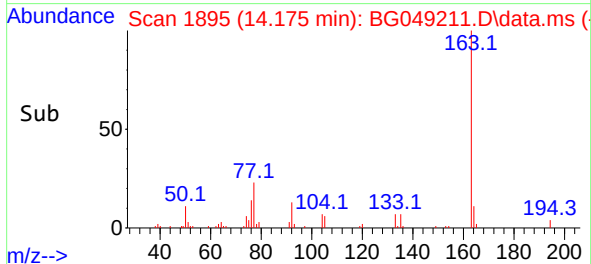
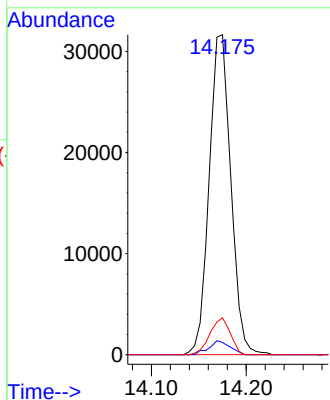
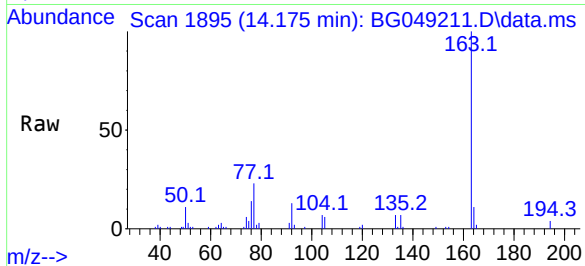




#50
Dimethylphthalate
Concen: 5.606 ng
RT: 14.175 min Scan# 1895
Delta R.T. -0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

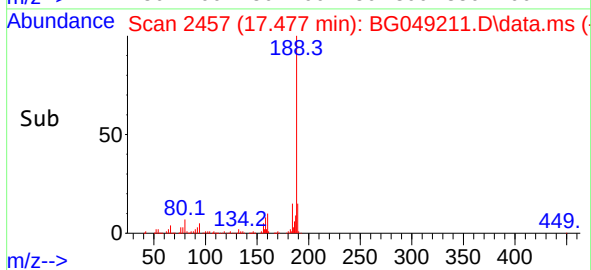
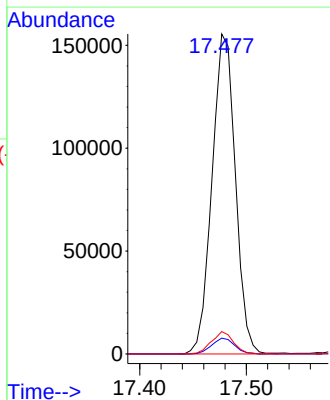
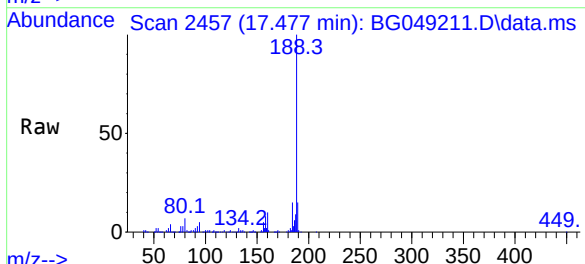
Instrument :
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ClientSampleId :
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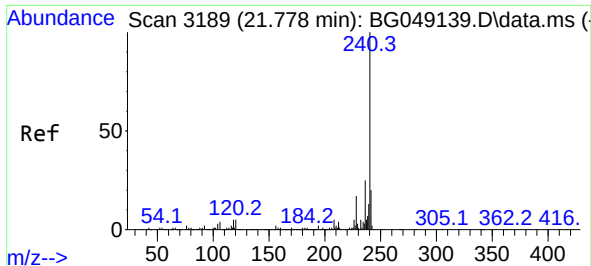
Tgt Ion:163	Resp:	50249
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.0 4.6
164	11.5	8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

Tgt Ion:188	Resp:	236390
Ion Ratio	Lower	Upper
188	100	
94	4.9	5.4 8.0#
80	7.0	3.7 5.5#

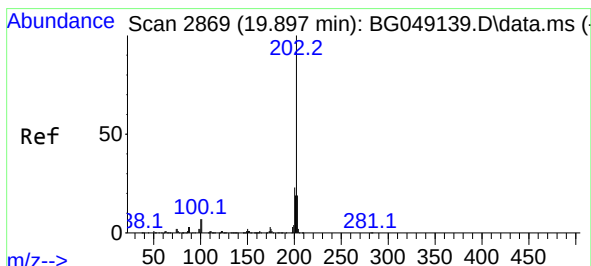
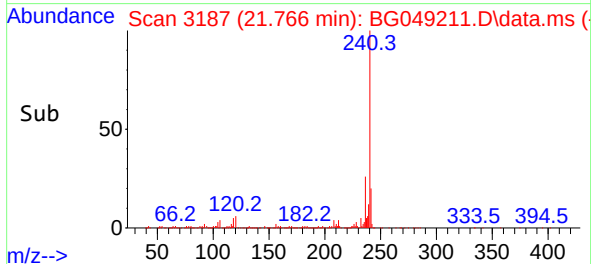
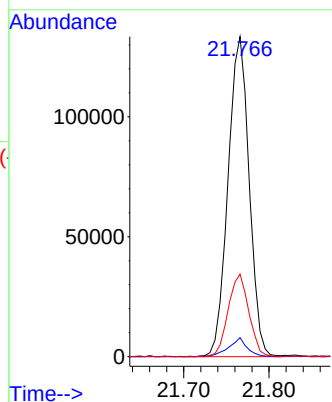
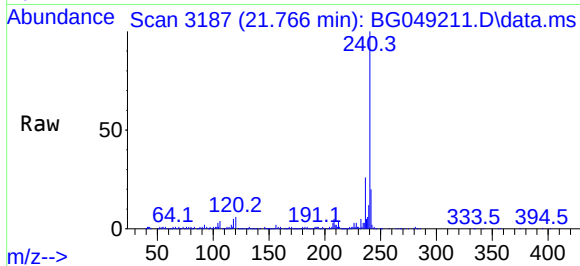




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

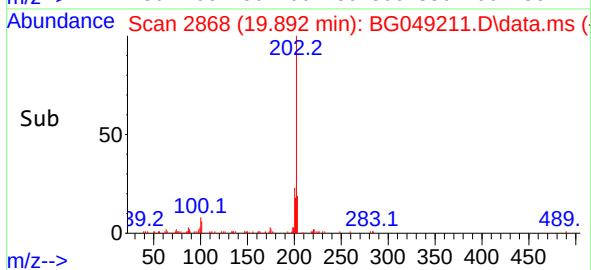
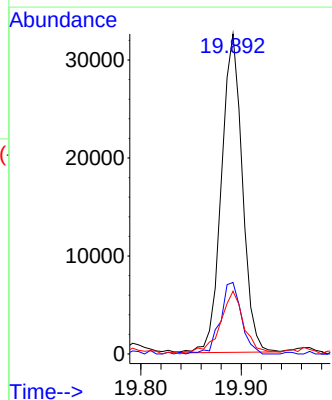
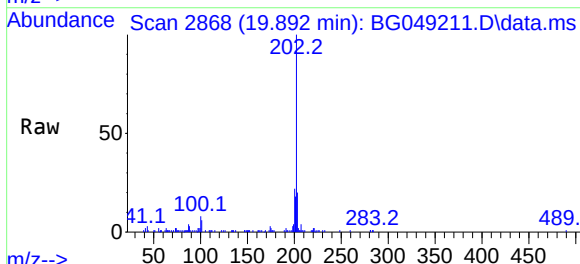
Instrument :
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SOIL-PILE-7

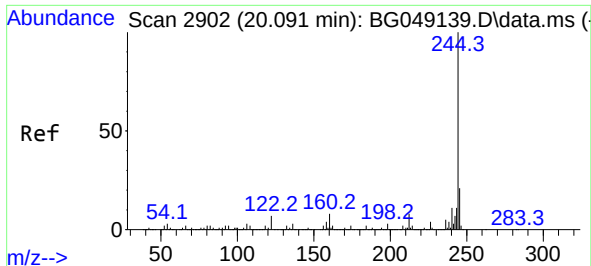
Tgt Ion:240 Resp: 229760
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 25.8 21.8 32.6



#78
Pyrene
Concen: 2.752 ng
RT: 19.892 min Scan# 2868
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

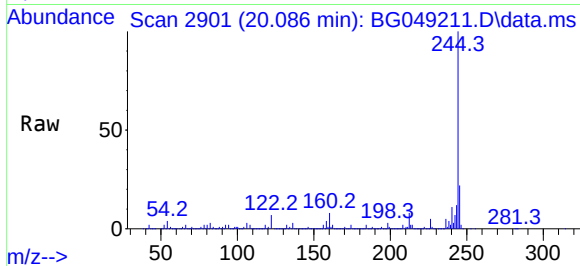
Tgt Ion:202 Resp: 46958
Ion Ratio Lower Upper
202 100
200 22.4 15.8 23.8
203 19.6 14.6 21.8



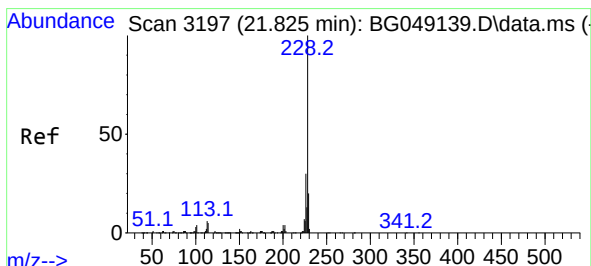
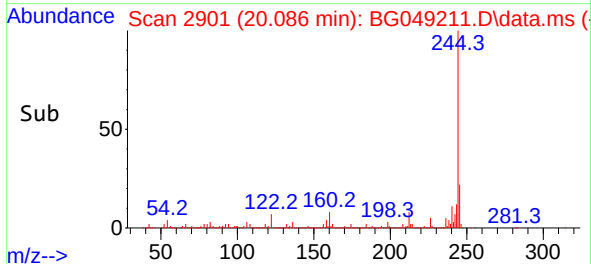
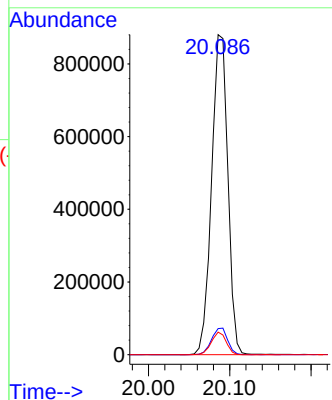


#79
Terphenyl-d14
Concen: 90.003 ng
RT: 20.086 min Scan# 2901
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-7

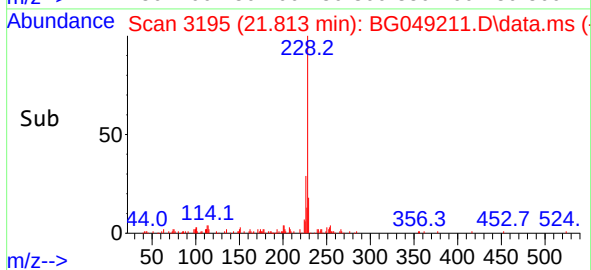
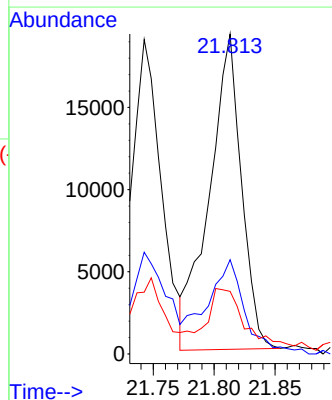
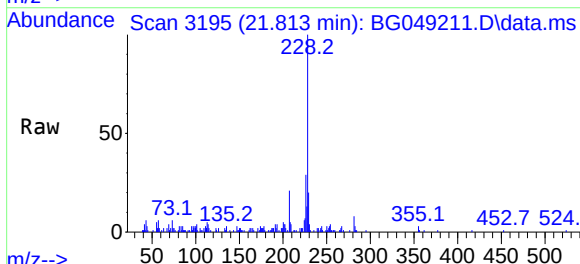


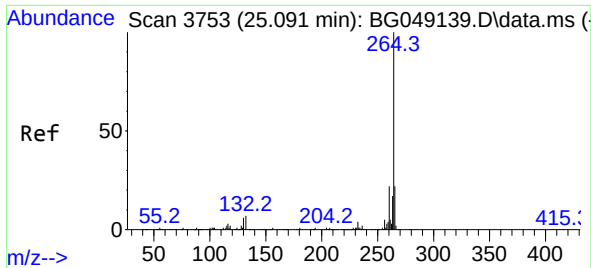
Tgt Ion:244 Resp: 1220355
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.0 5.0 7.6



#83
Chrysene
Concen: 2.163 ng
RT: 21.813 min Scan# 3195
Delta R.T. 0.003 min
Lab File: BG049211.D
Acq: 7 Jul 2021 22:55

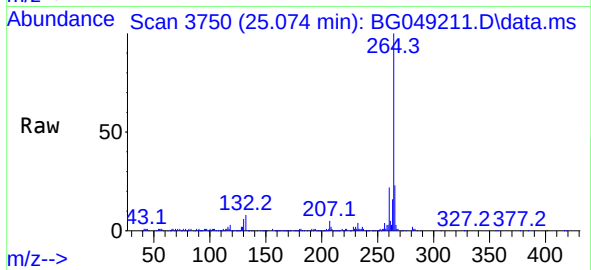
Tgt Ion:228 Resp: 35208
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 19.6 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.074 min Scan# 3750
 Delta R.T. 0.009 min
 Lab File: BG049211.D
 Acq: 7 Jul 2021 22:55

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-7



Tgt Ion:264 Resp: 243011

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.4	29.2
265	23.1	16.9	25.3

