

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050638.D
 Acq On : 19 Oct 2021 17:09
 Operator : CG/JU
 Sample : M4253-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 133-134

Quant Time: Oct 20 04:47:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

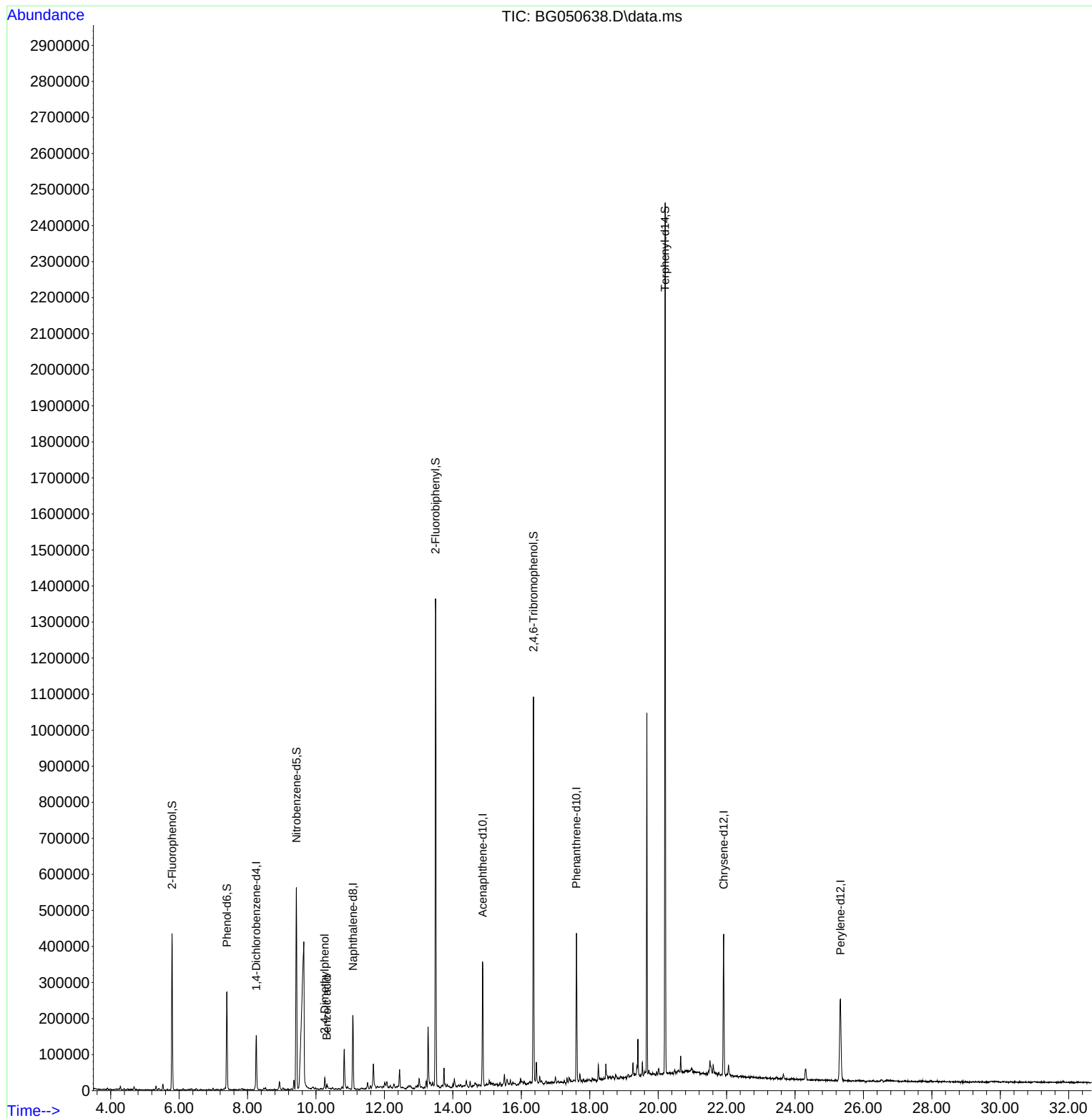
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40662	20.00	ng	0.00
21) Naphthalene-d8	11.079	136	169521	20.00	ng	# 0.00
39) Acenaphthene-d10	14.869	164	115682	20.00	ng	0.00
64) Phenanthrene-d10	17.613	188	253133	20.00	ng	# 0.00
76) Chrysene-d12	21.914	240	233131	20.00	ng	#-0.01
86) Perylene-d12	25.327	264	236444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	181516	66.76	ng	0.00
7) Phenol-d6	7.395	99	154423	39.23	ng	0.00
23) Nitrobenzene-d5	9.428	82	373214	91.14	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	153549	139.16	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	675643	87.90	ng	-0.01
79) Terphenyl-d14	20.204	244	1047798	87.59	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.257	122	9133	3.54	ng	# 89
32) Benzoic acid	10.315	122	5374	2.80	ng	# 63

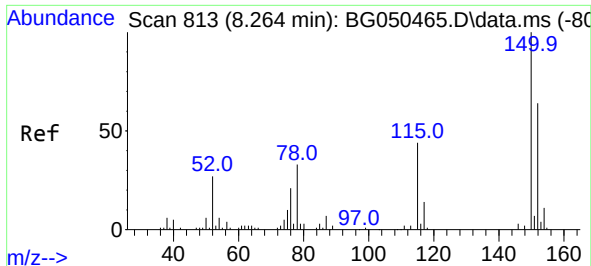
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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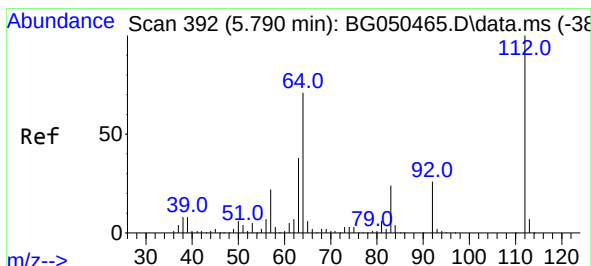
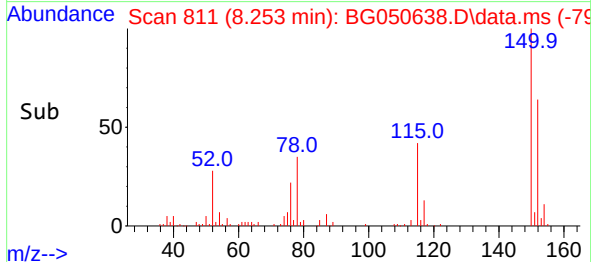
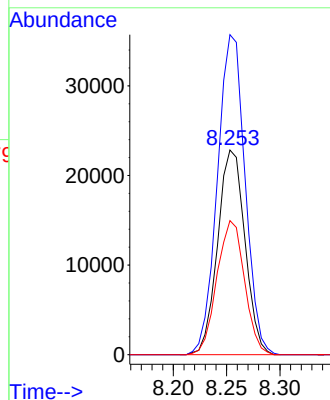
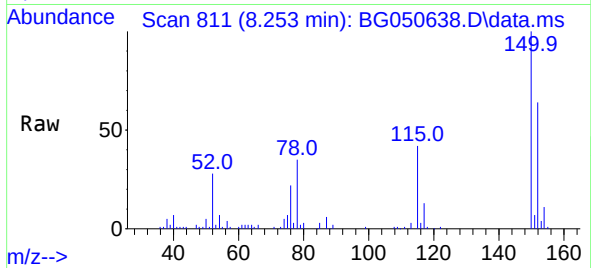




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

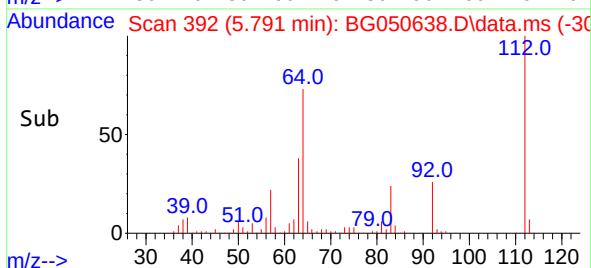
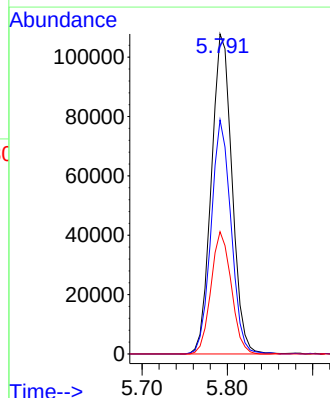
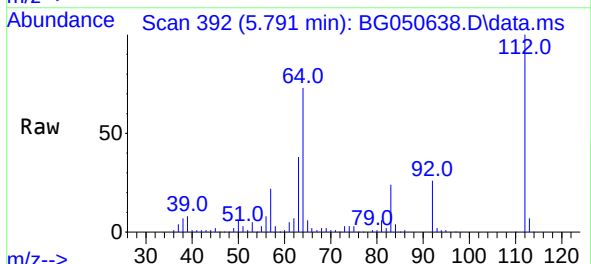
Instrument :
BNA_G
ClientSampleId :
133-134

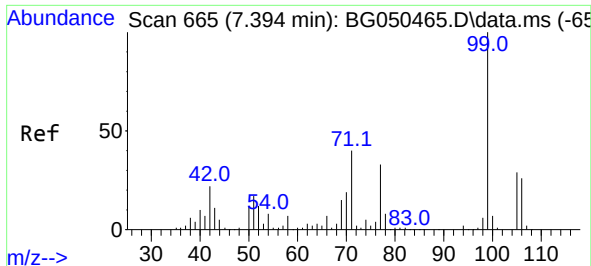
Tgt Ion:152 Resp: 40662
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 65.5 60.2 90.4



#5
2-Fluorophenol
Concen: 66.76 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:112 Resp: 181516
Ion Ratio Lower Upper
112 100
64 73.2 46.7 70.1#
63 38.2 35.3 52.9

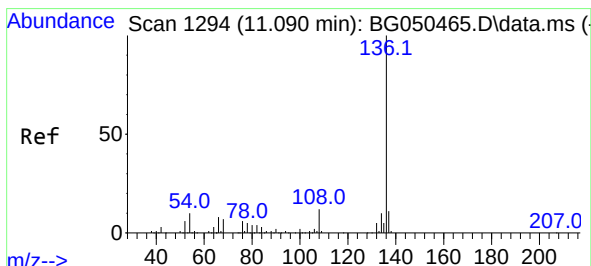
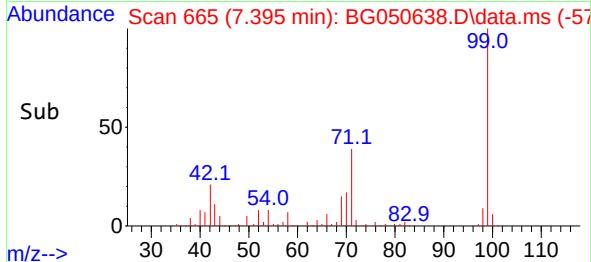
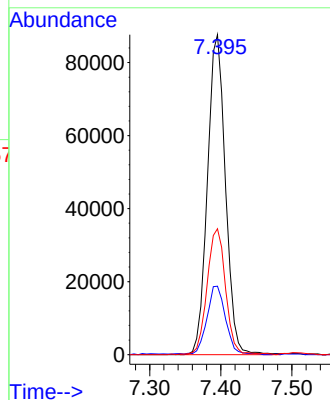
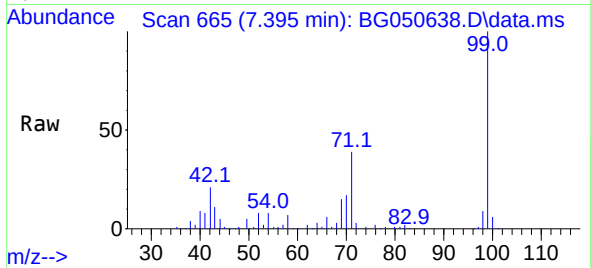




#7
Phenol-d6
Concen: 39.23 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

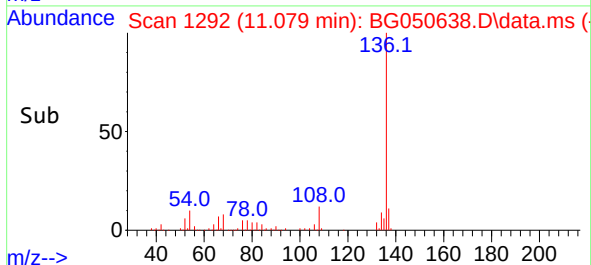
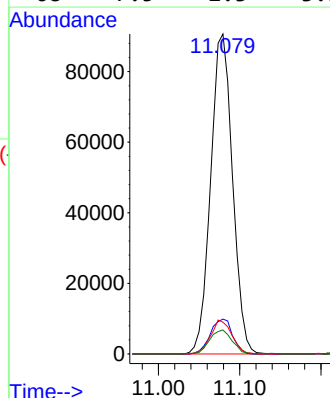
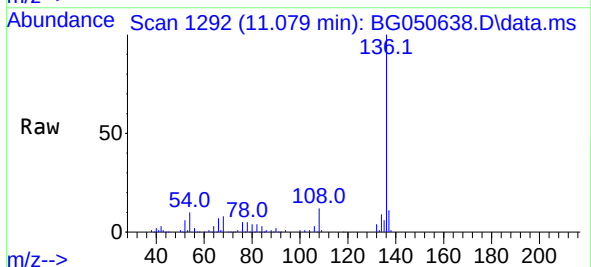
Instrument :
BNA_G
ClientSampleId :
133-134

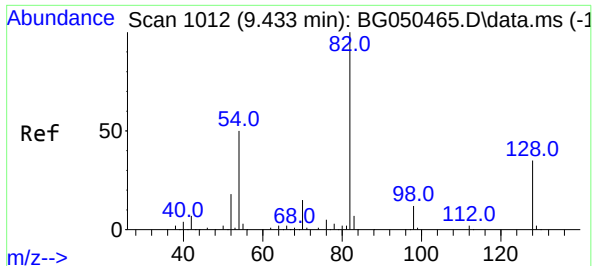
Tgt Ion: 99 Resp: 154423
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 39.3 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:136 Resp: 169521
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.9 5.5 8.3#
68 7.5 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 91.14 ng

RT: 9.428 min Scan# 1011

Delta R.T. 0.001 min

Lab File: BG050638.D

Acq: 19 Oct 2021 17:09

Tgt Ion: 82 Resp: 373214

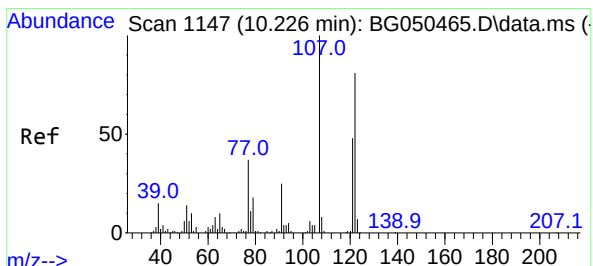
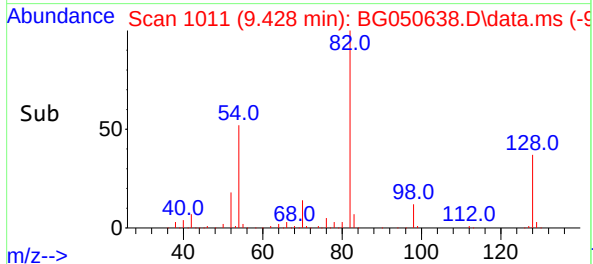
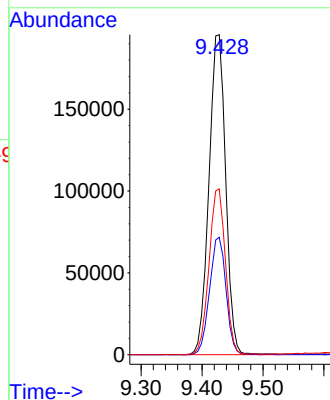
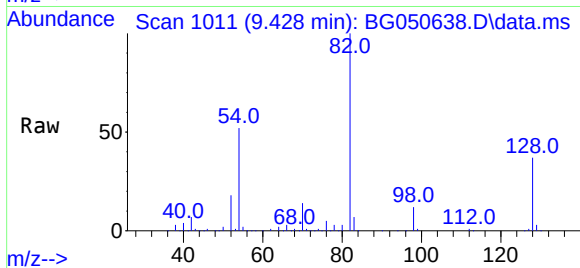
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	51.8	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

133-134



#27

2,4-Dimethylphenol

Concen: 3.54 ng

RT: 10.257 min Scan# 1152

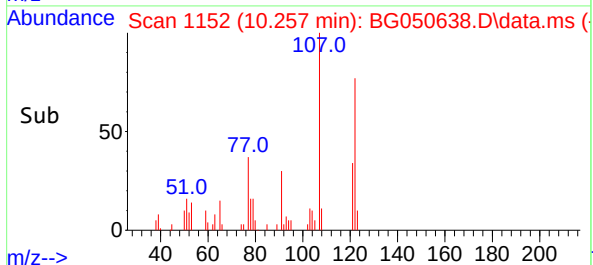
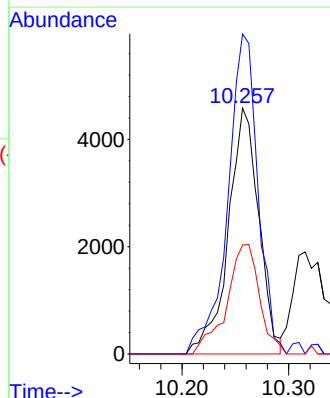
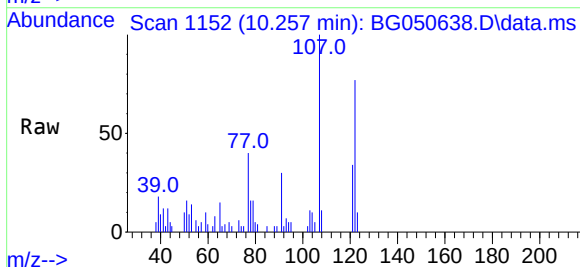
Delta R.T. 0.024 min

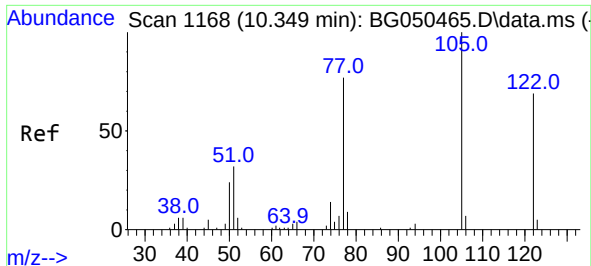
Lab File: BG050638.D

Acq: 19 Oct 2021 17:09

Tgt Ion: 122 Resp: 9133

Ion	Ratio	Lower	Upper
122	100		
107	130.1	110.1	165.1
121	44.3	49.0	73.6

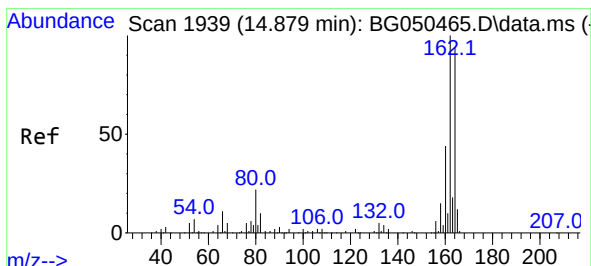
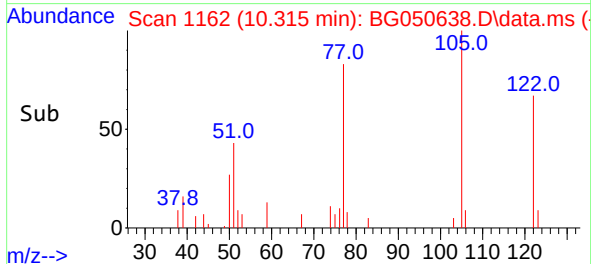
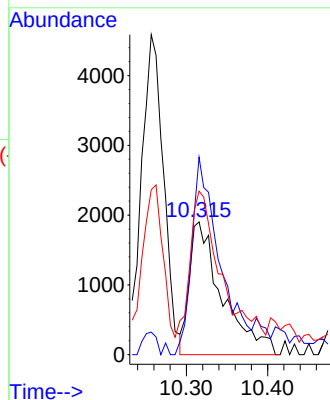
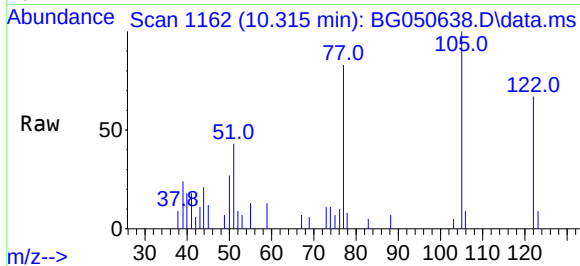




#32
Benzoic acid
Concen: 2.80 ng
RT: 10.315 min Scan# 1162
Delta R.T. -0.040 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

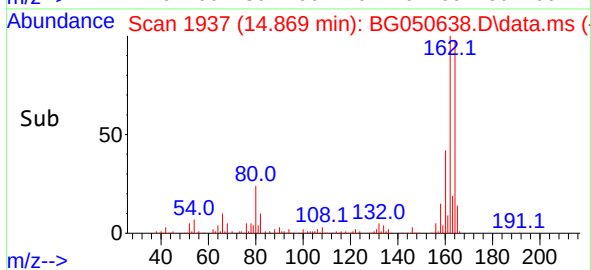
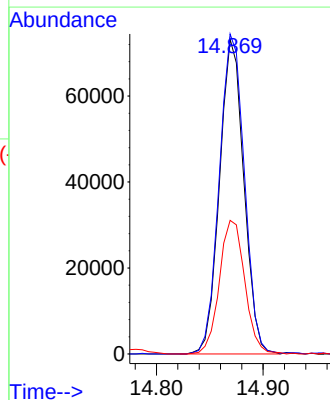
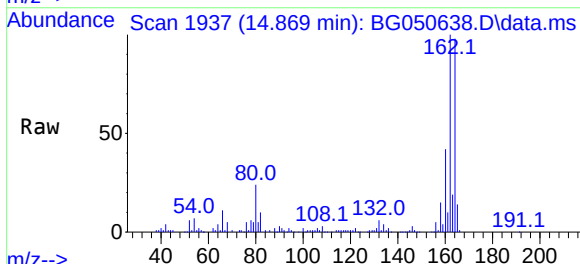
Instrument :
BNA_G
ClientSampled :
133-134

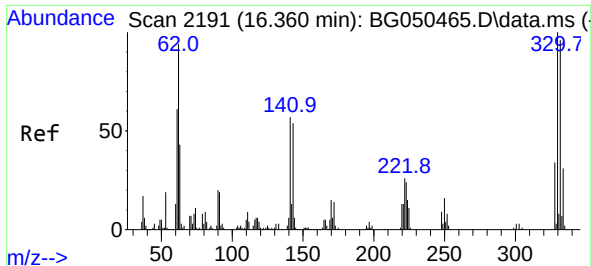
Tgt Ion:	122	Resp:	5374
Ion	Ratio	Lower	Upper
122	100		
105	148.7	92.3	132.3#
77	123.2	66.5	106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:	164	Resp:	115682
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	42.5	34.9	52.3

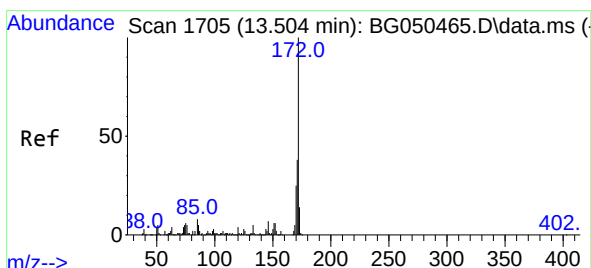
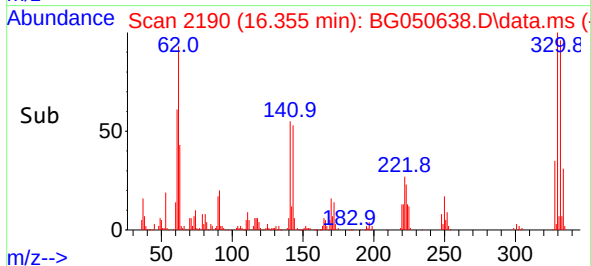
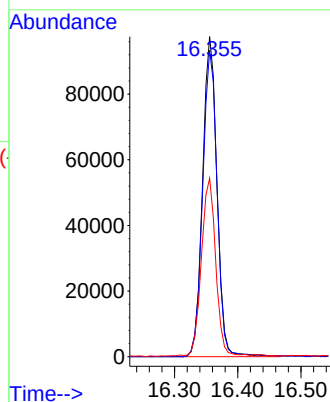
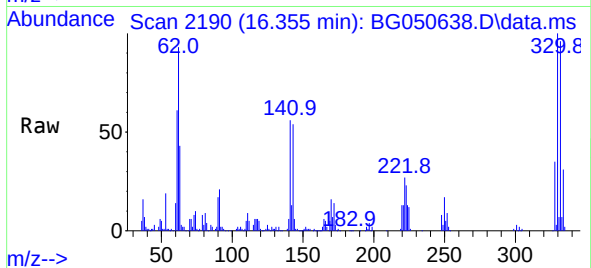




#42
2,4,6-Tribromophenol
Concen: 139.16 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

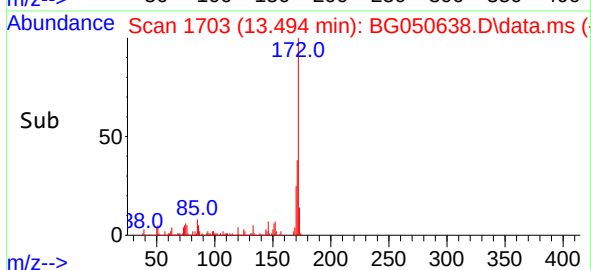
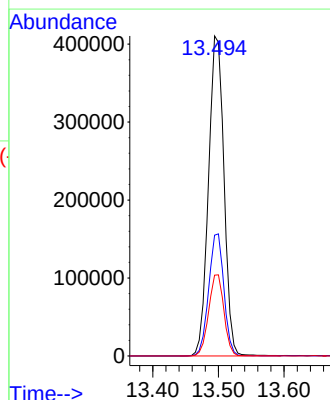
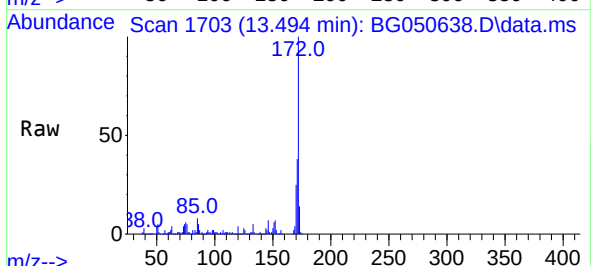
Instrument :
BNA_G
ClientSampleId :
133-134

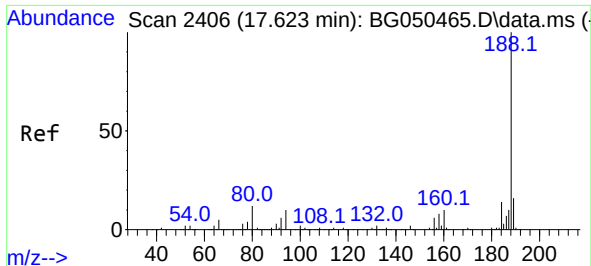
Tgt Ion:330 Resp: 153549
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 56.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 87.90 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:172 Resp: 675643
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.2 18.6 27.8

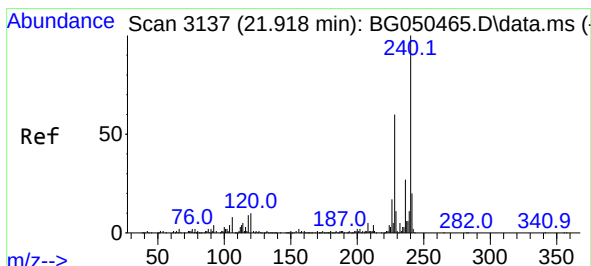
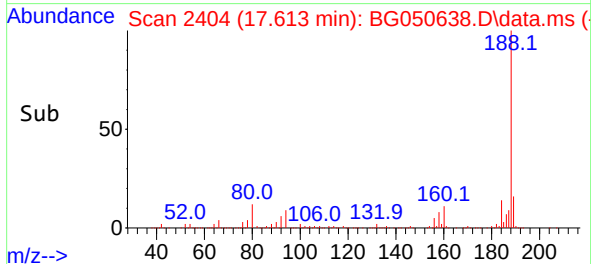
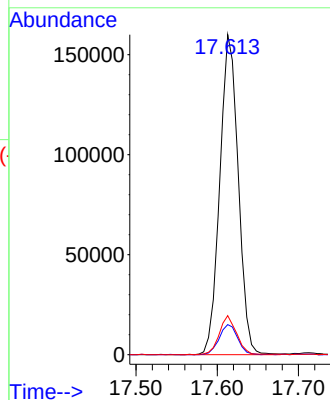
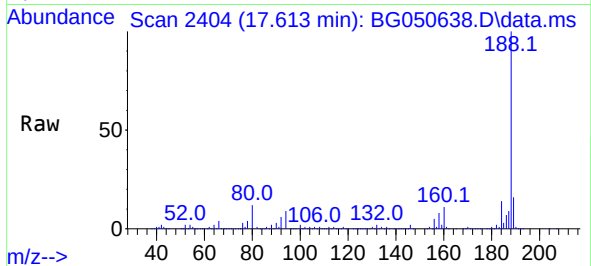




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

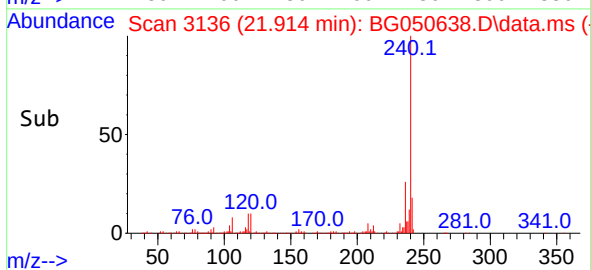
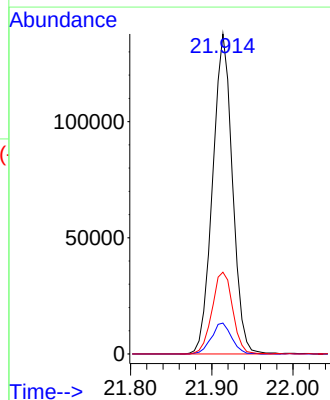
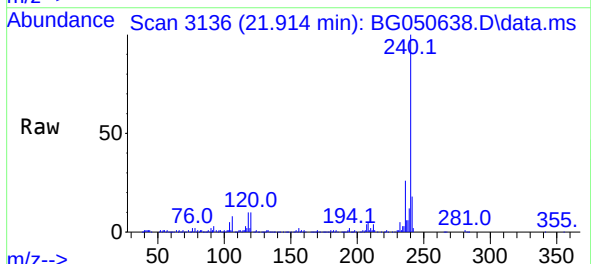
Instrument :
BNA_G
ClientSampleId :
133-134

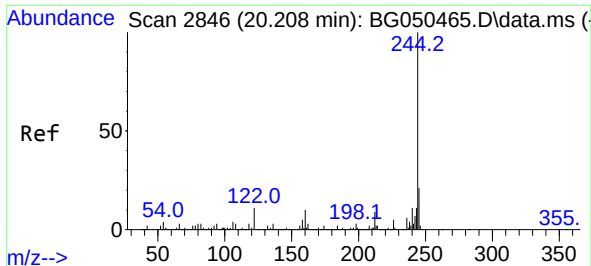
Tgt Ion:188 Resp: 253133
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 12.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050638.D
Acq: 19 Oct 2021 17:09

Tgt Ion:240 Resp: 233131
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.6 21.8 32.6

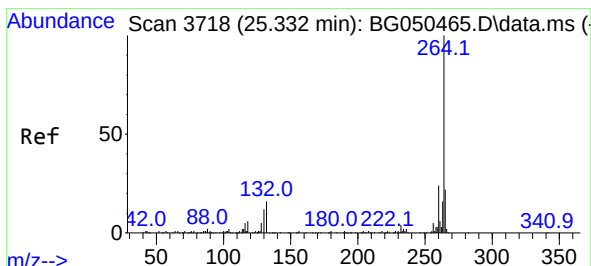
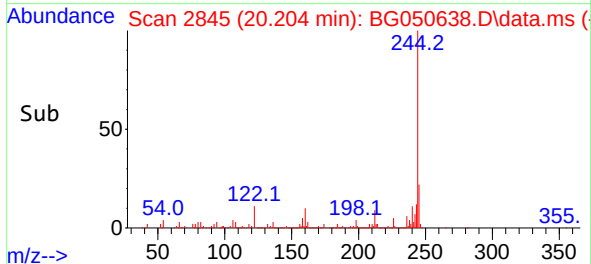
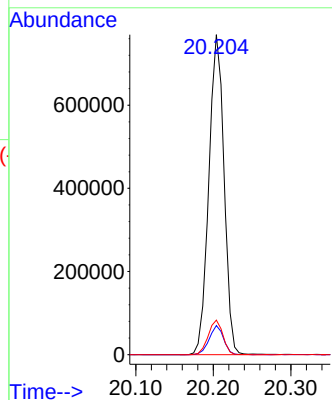
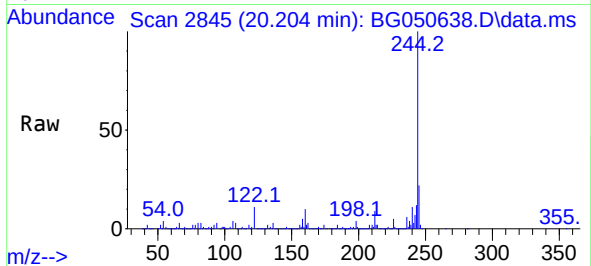




#79
 Terphenyl-d14
 Concen: 87.59 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050638.D
 Acq: 19 Oct 2021 17:09

Instrument :
 BNA_G
 ClientSampled :
 133-134

Tgt Ion:244 Resp: 1047798
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050638.D
 Acq: 19 Oct 2021 17:09

Tgt Ion:264 Resp: 236444
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 22.6 16.9 25.3

