

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050522.D
 Acq On : 8 Oct 2021 23:47
 Operator : CG/JU
 Sample : M4081-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 356

Quant Time: Oct 09 01:58:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

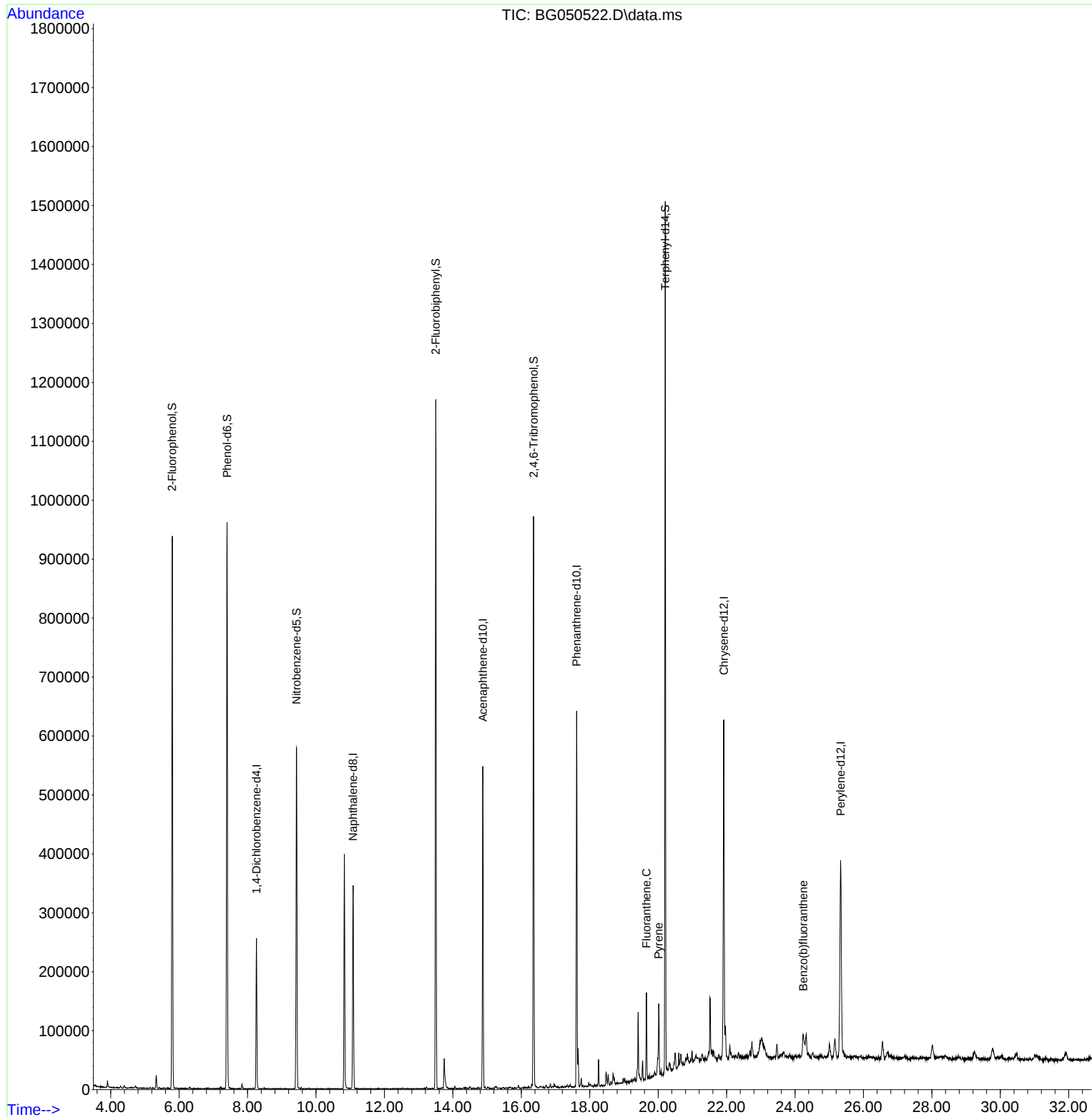
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	66191	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	278498	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	187465	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	379602	20.00	ng	# 0.00
76) Chrysene-d12	21.920	240	329399	20.00	ng	# 0.00
86) Perylene-d12	25.333	264	324884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	380724	86.02	ng	0.00
7) Phenol-d6	7.401	99	528560	82.49	ng	0.00
23) Nitrobenzene-d5	9.434	82	378905	56.32	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	141093	78.91	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	579537	46.53	ng	0.00
79) Terphenyl-d14	20.210	244	675891	39.99	ng	0.00
Target Compounds						
75) Fluoranthene	19.658	202	90802	3.69	ng	Qvalue 95
78) Pyrene	20.016	202	78189	3.35	ng	99
88) Benzo(b)fluoranthene	24.240	252	46982	2.36	ng	# 89

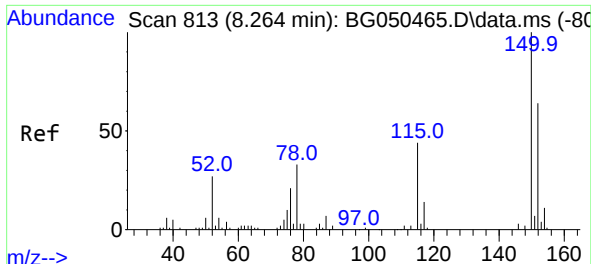
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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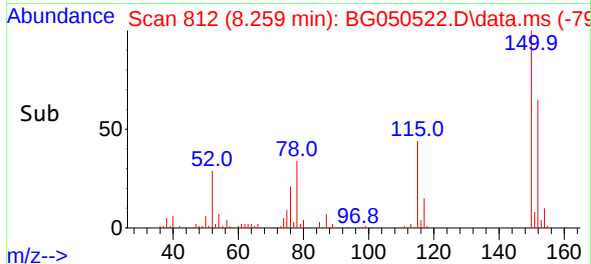
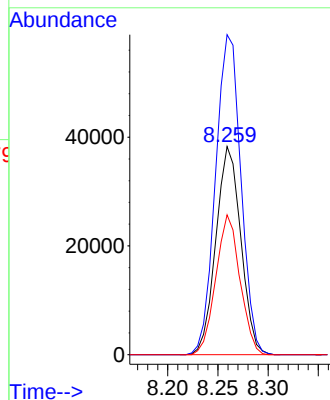
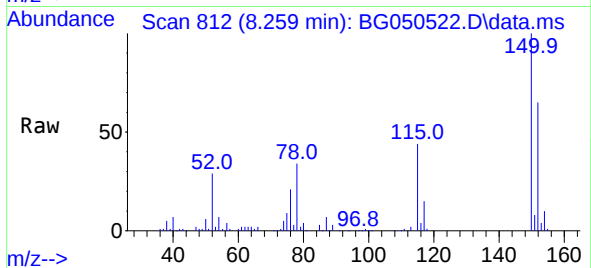




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

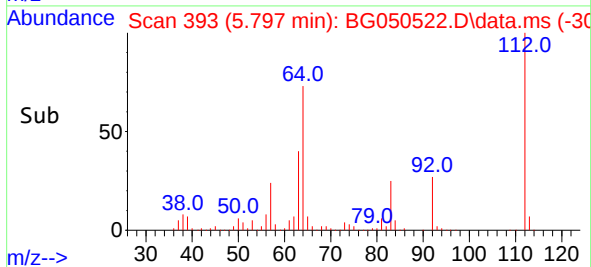
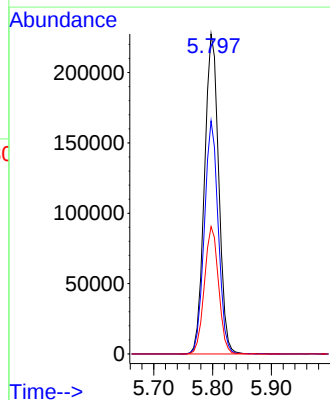
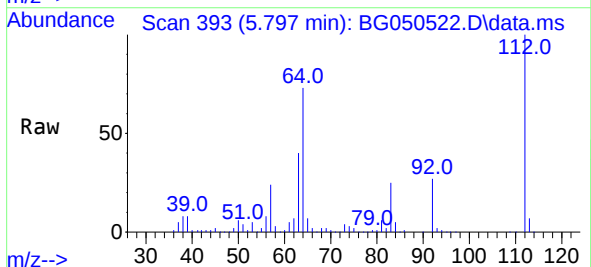
Instrument :
BNA_G
ClientSampleId :
356

Tgt Ion:152 Resp: 66191
Ion Ratio Lower Upper
152 100
150 153.7 119.4 179.0
115 67.1 60.2 90.4



#5
2-Fluorophenol
Concen: 86.02 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

Tgt Ion:112 Resp: 380724
Ion Ratio Lower Upper
112 100
64 72.8 46.7 70.1#
63 39.8 35.3 52.9

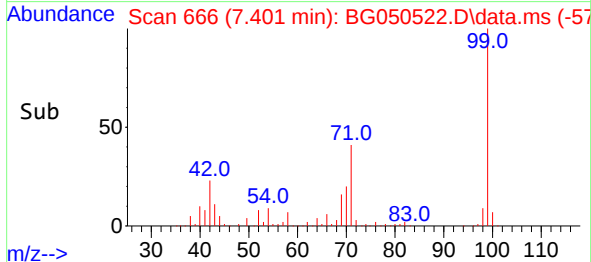
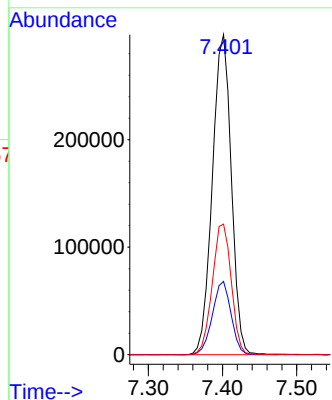
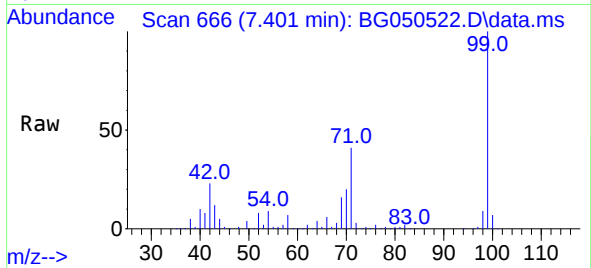




#7
Phenol-d6
Concen: 82.49 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

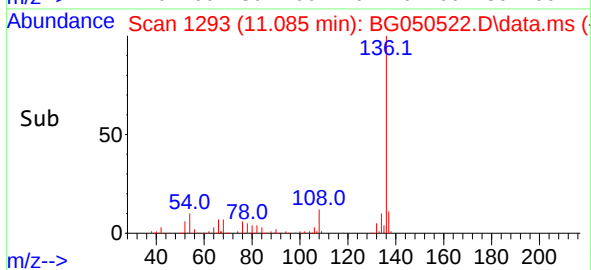
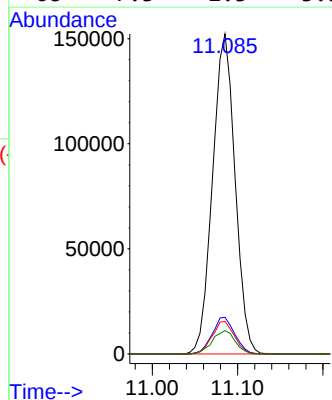
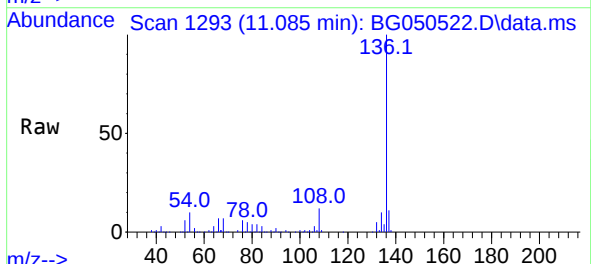
Instrument :
BNA_G
ClientSampleId :
356

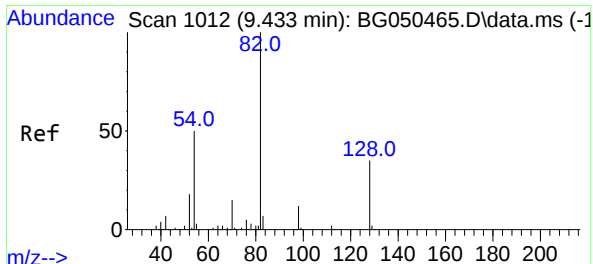
Tgt Ion: 99 Resp: 528560
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 40.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

Tgt Ion: 136 Resp: 278498
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 10.1 5.5 8.3#
68 7.3 2.3 3.5#

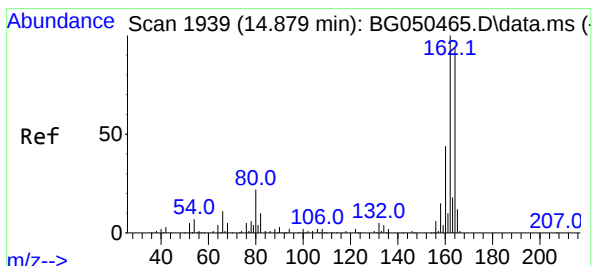
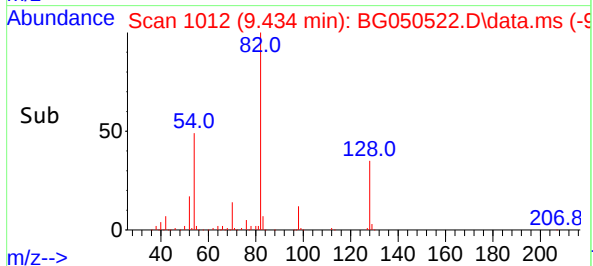
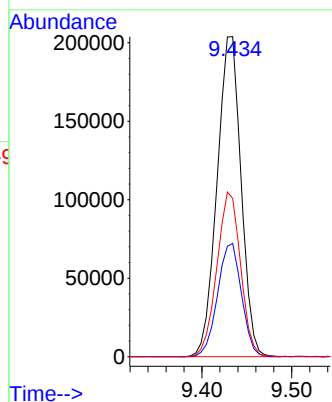
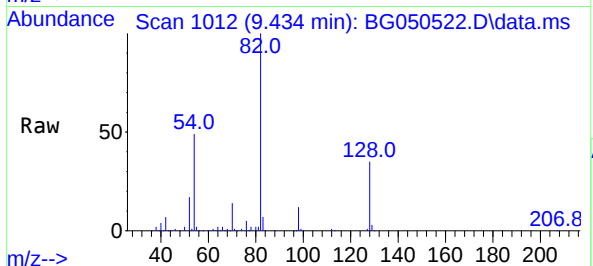




#23
Nitrobenzene-d5
Concen: 56.32 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

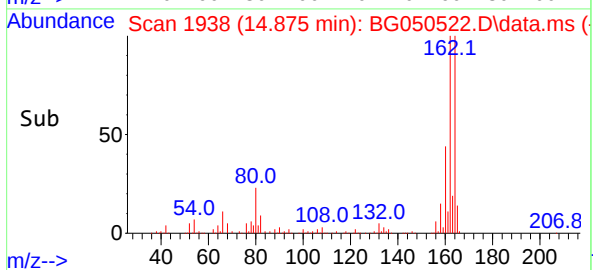
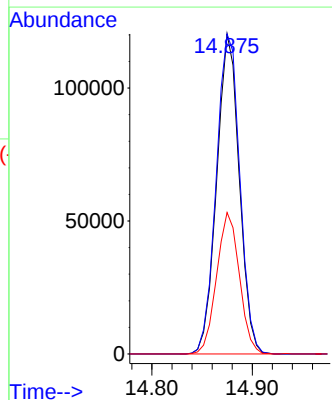
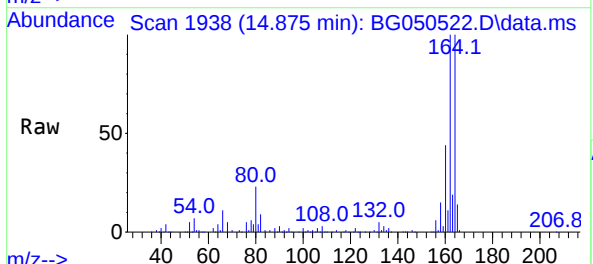
Instrument :
BNA_G
ClientSampleId :
356

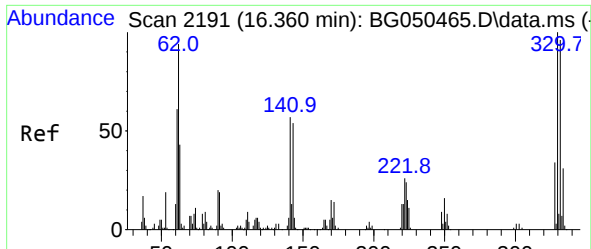
Tgt Ion: 82 Resp: 378905
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 49.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

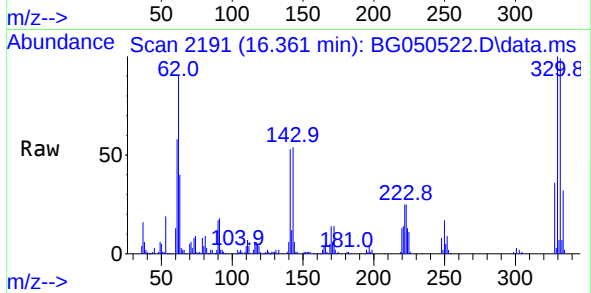
Tgt Ion:164 Resp: 187465
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.2 34.9 52.3



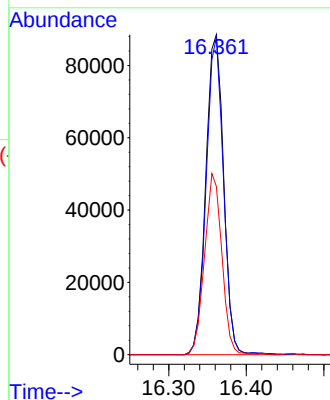
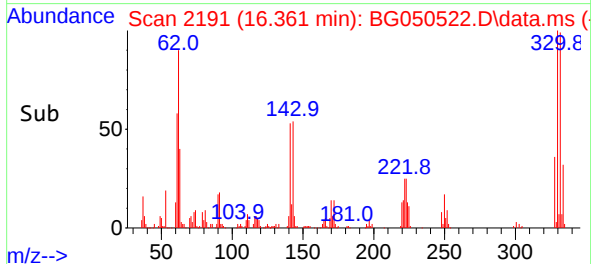


#42
2,4,6-Tribromophenol
Concen: 78.91 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

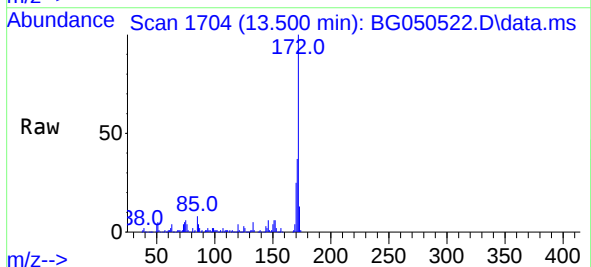
Instrument :
BNA_G
ClientSampled :
356



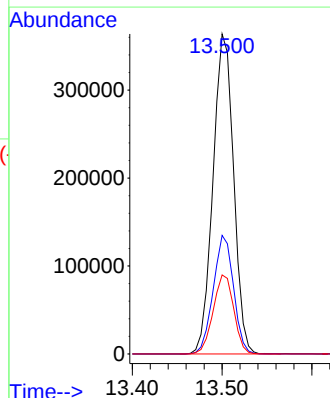
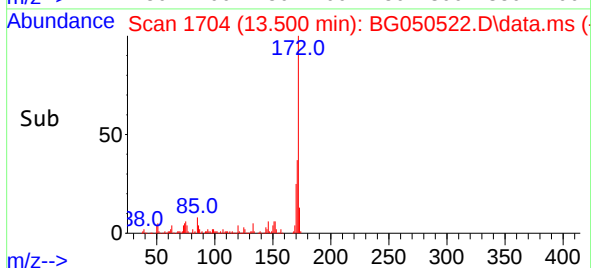
Tgt Ion:330 Resp: 141093
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 55.1 35.6 53.4#

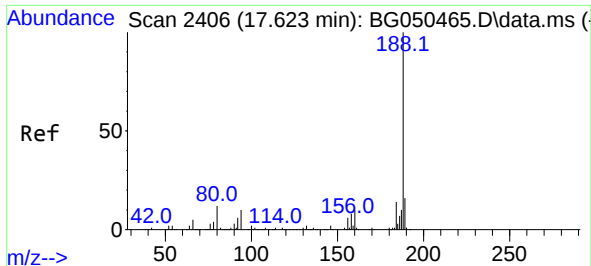


#45
2-Fluorobiphenyl
Concen: 46.53 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47



Tgt Ion:172 Resp: 579537
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.7 18.6 27.8

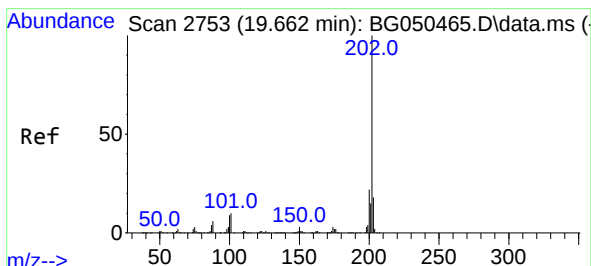
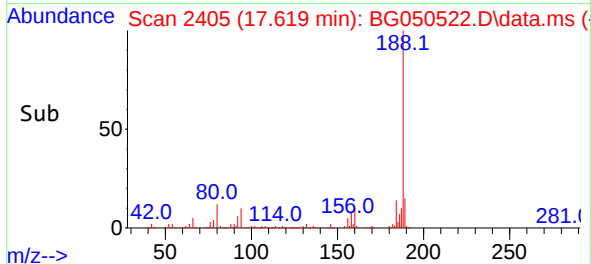
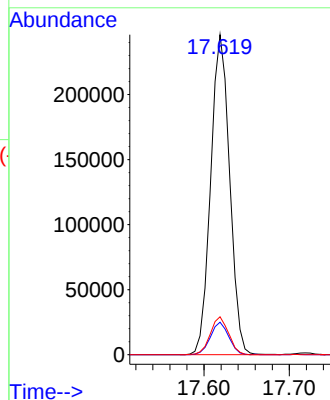
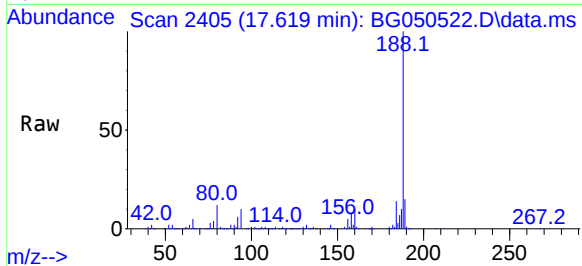




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

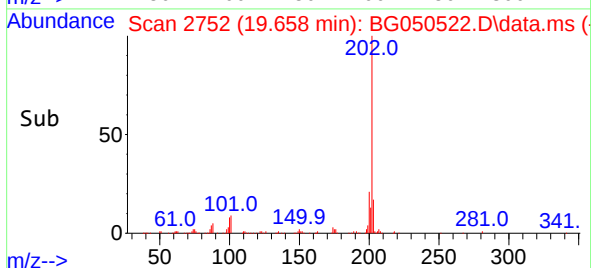
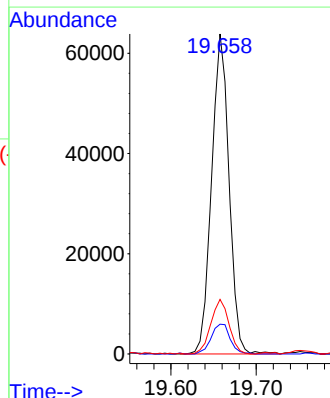
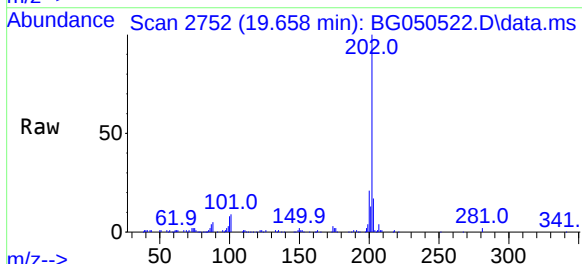
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BNA_G
ClientSampleId :
356

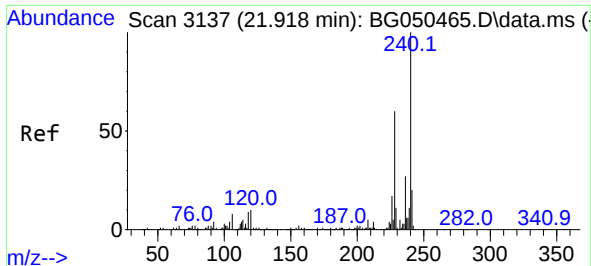
Tgt Ion:188 Resp: 379602
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 11.8 3.7 5.5#



#75
Fluoranthene
Concen: 3.69 ng
RT: 19.658 min Scan# 2752
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

Tgt Ion:202 Resp: 90802
Ion Ratio Lower Upper
202 100
101 9.3 0.0 24.7
203 17.0 0.0 38.5

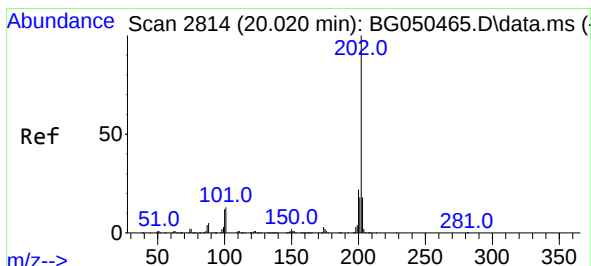
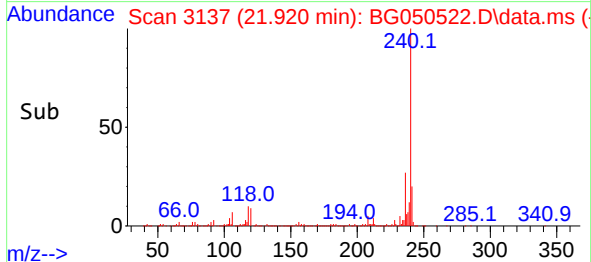
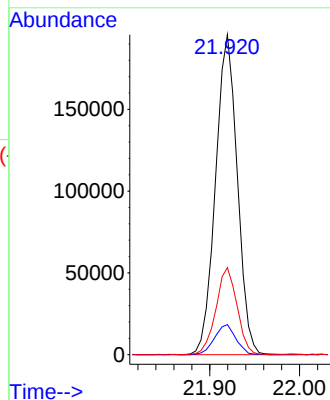
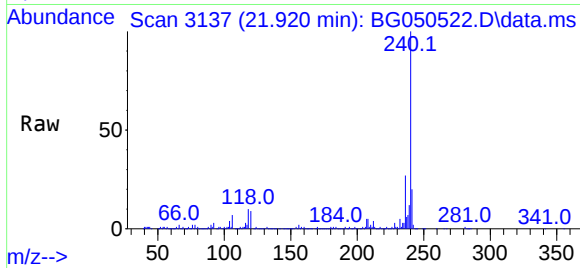




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

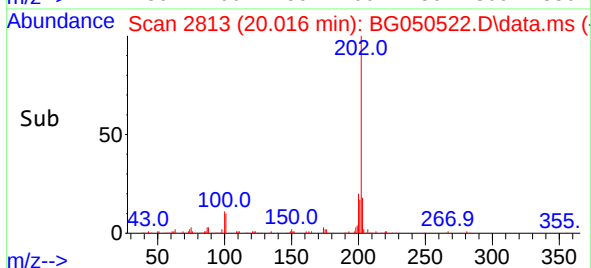
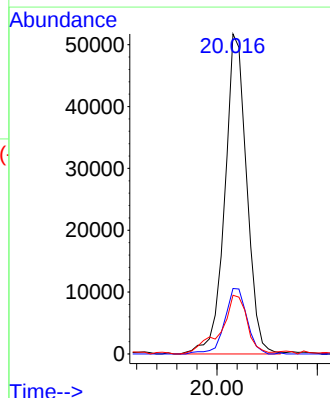
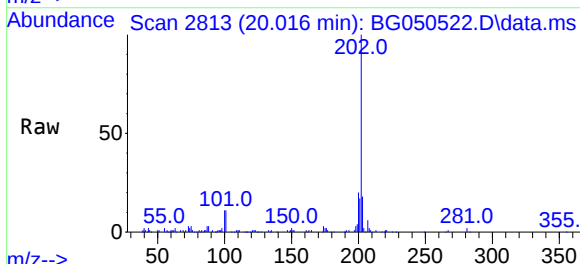
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BNA_G
ClientSampled :
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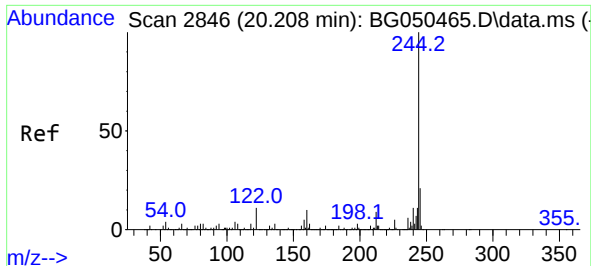
Tgt Ion:240 Resp: 329399
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 27.2 21.8 32.6



#78
Pyrene
Concen: 3.35 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

Tgt Ion:202 Resp: 78189
Ion Ratio Lower Upper
202 100
200 20.5 15.8 23.8
203 18.4 14.6 21.8

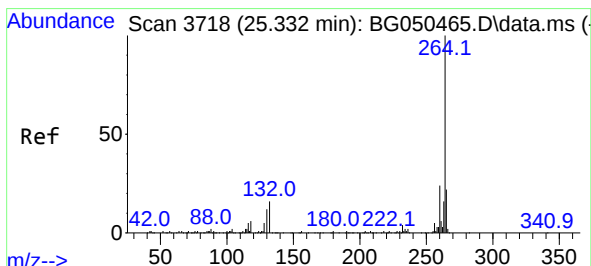
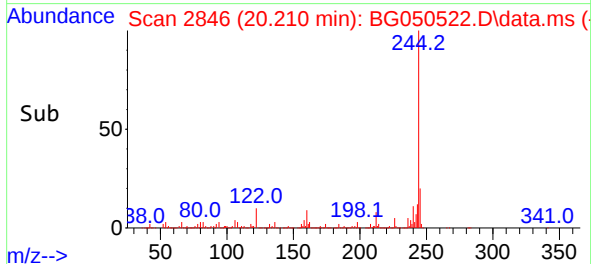
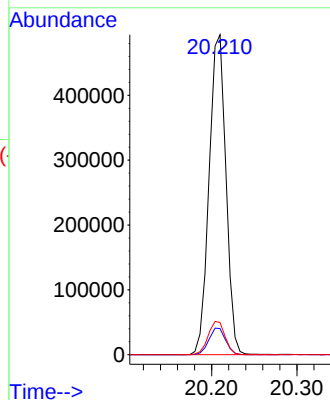
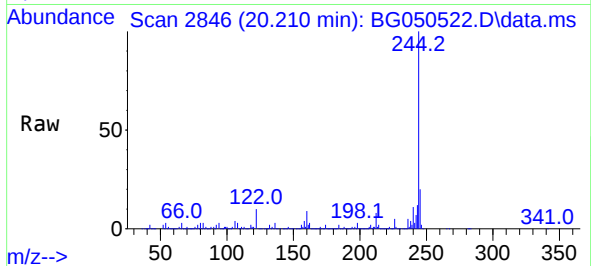




#79
 Terphenyl-d14
 Concen: 39.99 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050522.D
 Acq: 8 Oct 2021 23:47

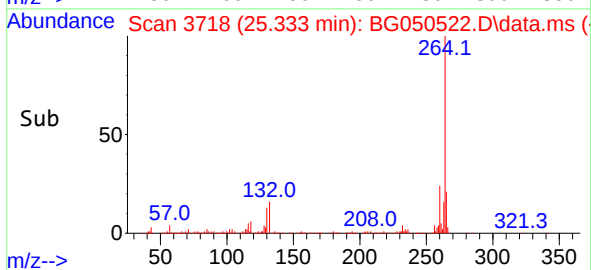
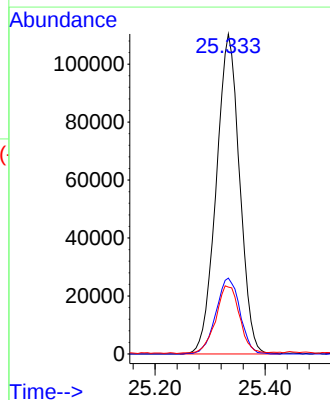
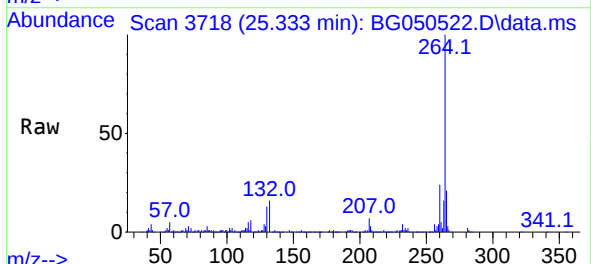
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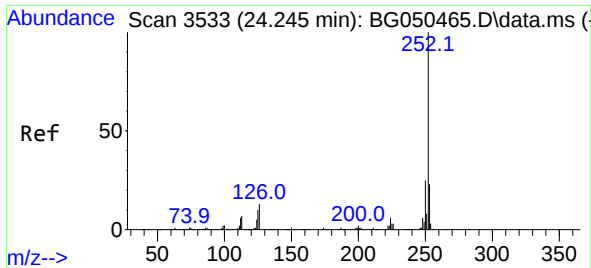
Tgt Ion:244 Resp: 675891
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 10.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050522.D
 Acq: 8 Oct 2021 23:47

Tgt Ion:264 Resp: 324884
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 20.9 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.004 min
Lab File: BG050522.D
Acq: 8 Oct 2021 23:47

Instrument :
BNA_G
ClientSampleId :
356

Tgt Ion:252 Resp: 46982
Ion Ratio Lower Upper
252 100
253 24.4 16.2 24.4#
125 12.2 3.0 4.4#

