

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051142.D
 Acq On : 20 Nov 2021 4:10
 Operator : CG/JU
 Sample : M4758-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP10

Quant Time: Nov 20 04:51:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	24520	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	105570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.830	164	76144	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	186191	20.000	ng	# 0.00
76) Chrysene-d12	21.875	240	171499	20.000	ng	# 0.00
86) Perylene-d12	25.277	264	169026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	152493	96.138	ng	0.00
7) Phenol-d6	7.356	99	204375	91.481	ng	0.00
23) Nitrobenzene-d5	9.384	82	144449	62.460	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	80872	99.927	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	296352	58.729	ng	0.00
79) Terphenyl-d14	20.171	244	507769	54.126	ng	0.00

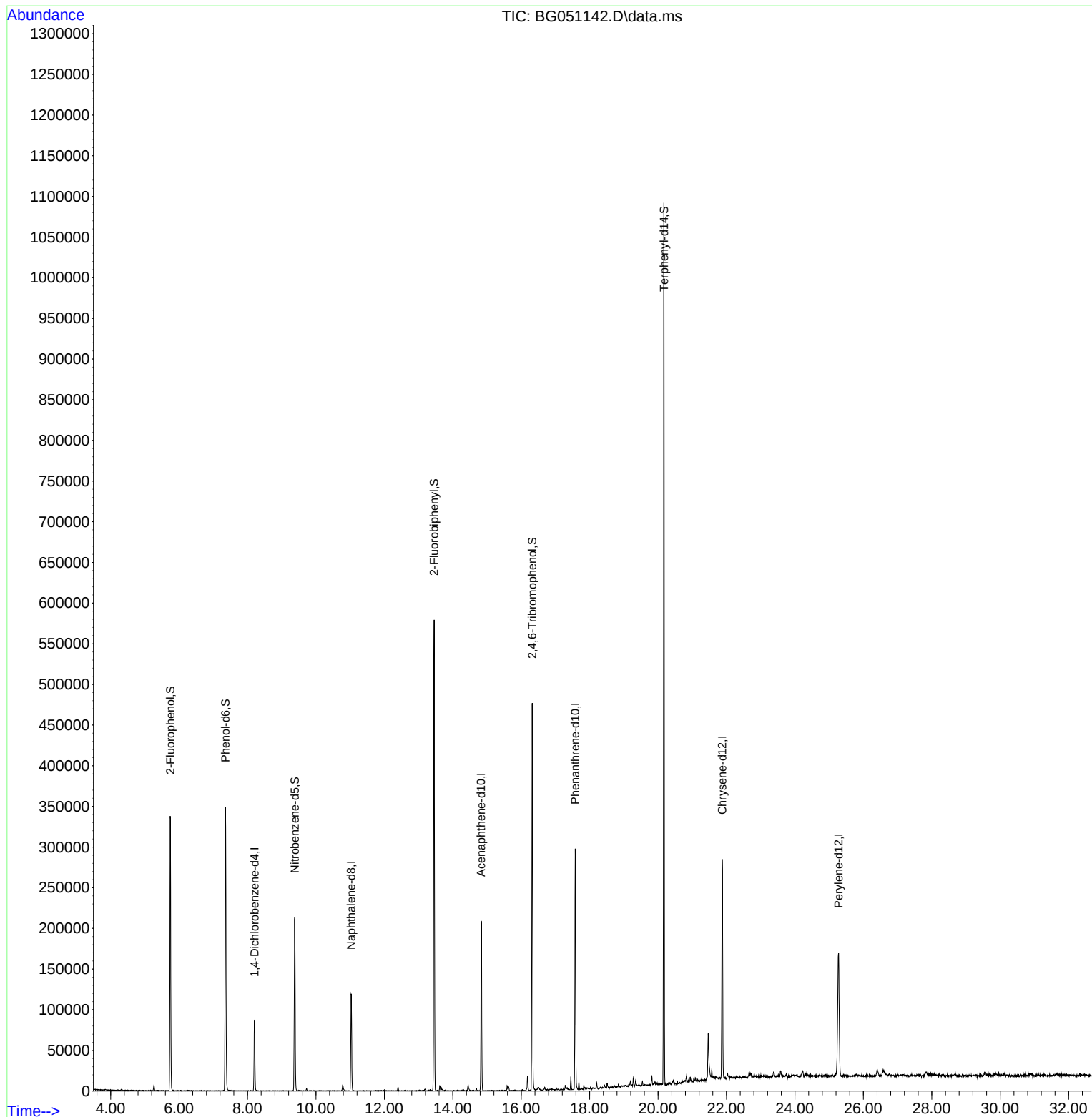
Target Compounds	Qvalue

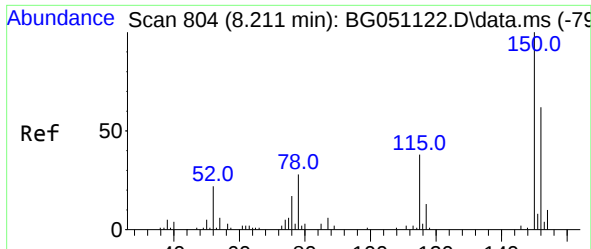
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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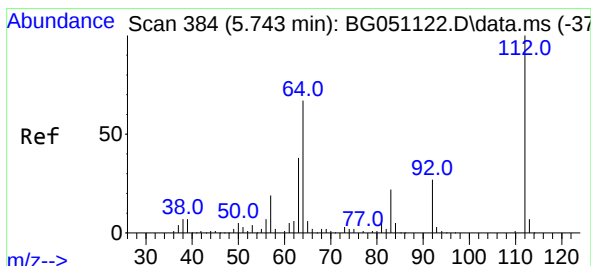
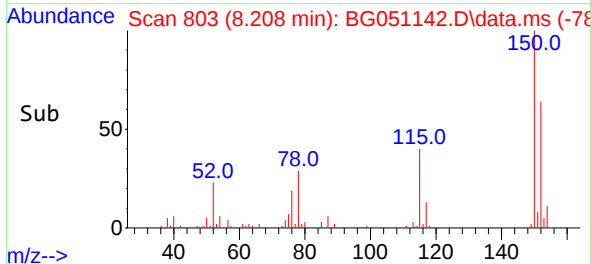
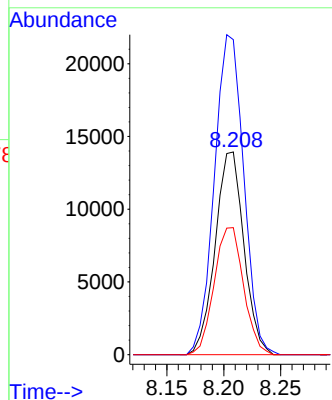
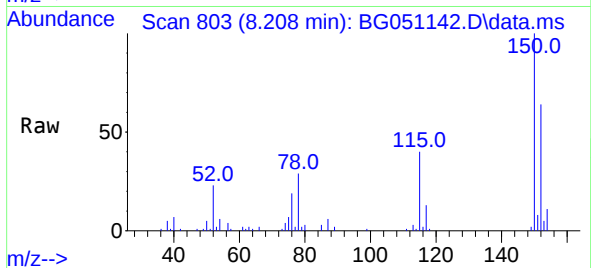




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

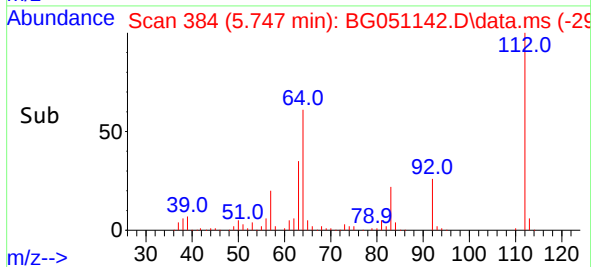
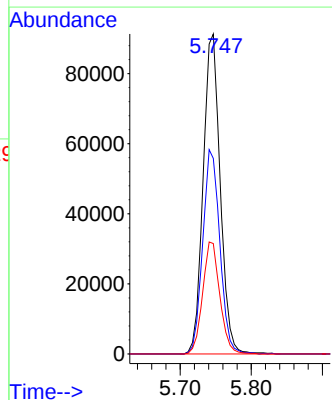
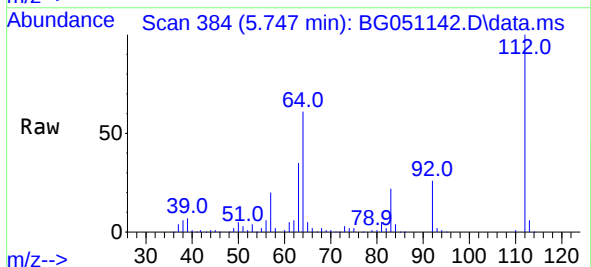
Instrument :
BNA_G
ClientSampleId :
TP10

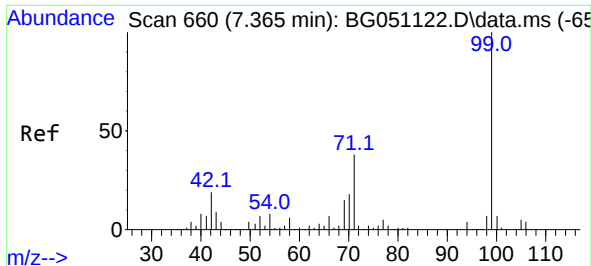
Tgt Ion:152 Resp: 24520
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 96.138 ng
RT: 5.747 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:112 Resp: 152493
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 34.5 35.3 52.9

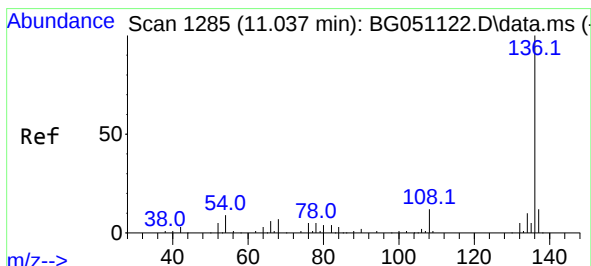
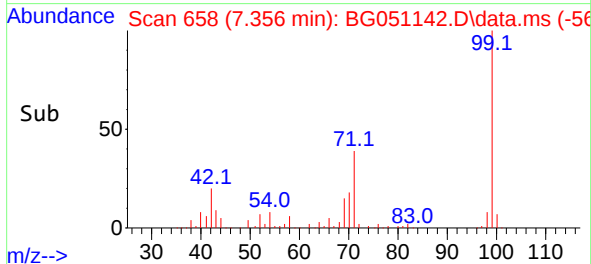
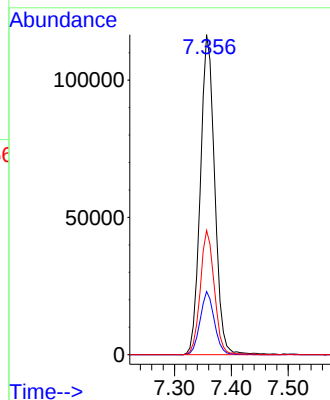
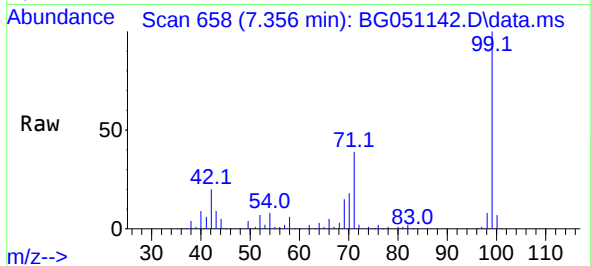




#7
Phenol-d6
Concen: 91.481 ng
RT: 7.356 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

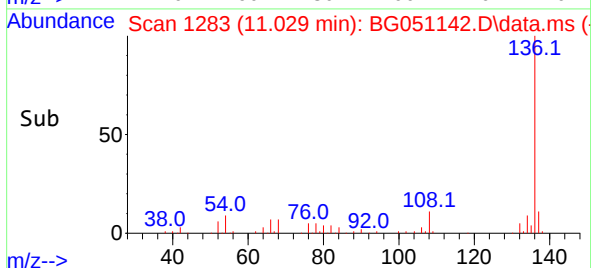
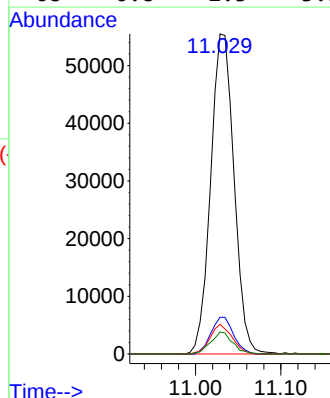
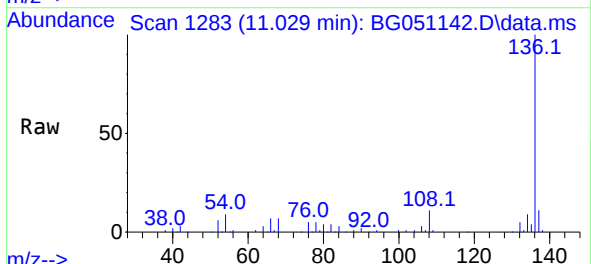
Instrument :
BNA_G
ClientSampleId :
TP10

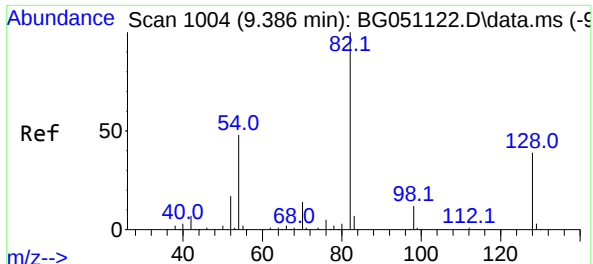
Tgt Ion: 99 Resp: 204375
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 38.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:136 Resp: 105570
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.2 5.5 8.3#
68 6.8 2.3 3.5#

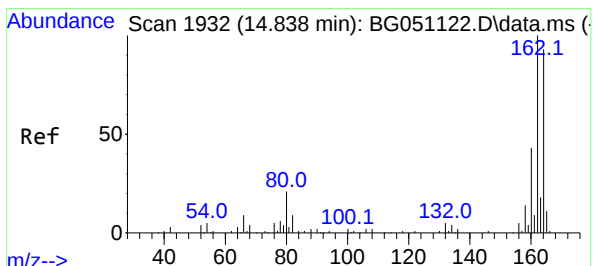
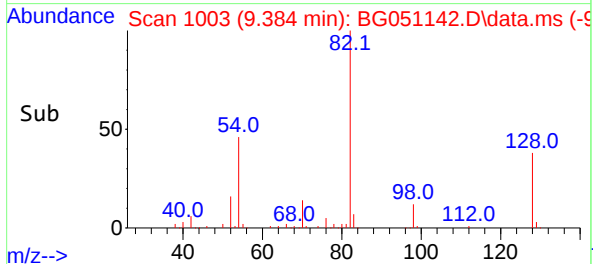
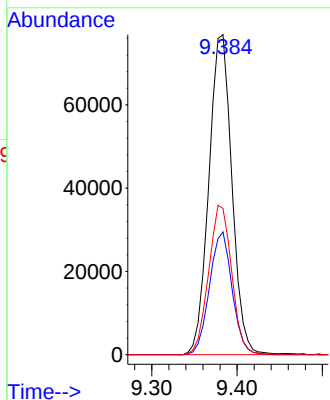
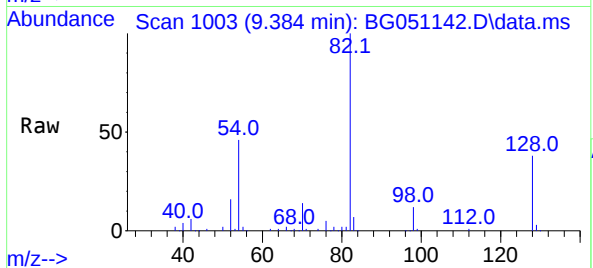




#23
Nitrobenzene-d5
Concen: 62.460 ng
RT: 9.384 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

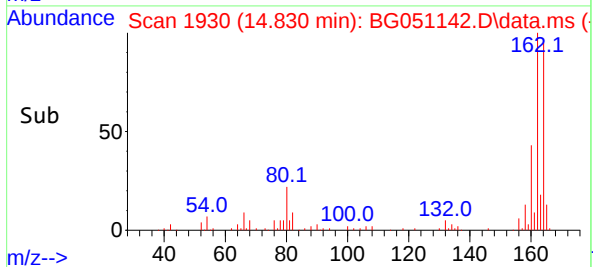
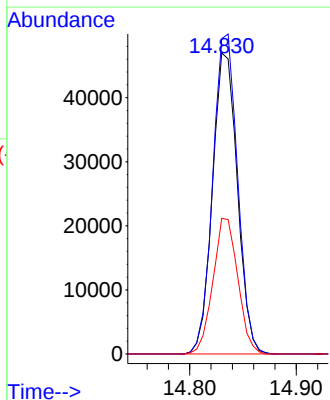
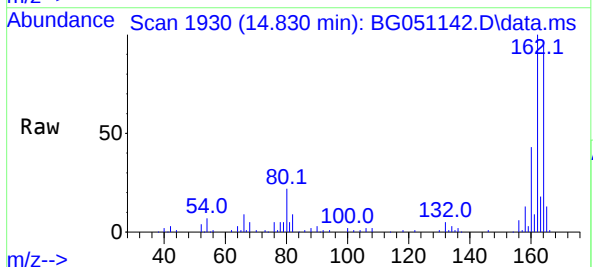
Instrument :
BNA_G
ClientSampleId :
TP10

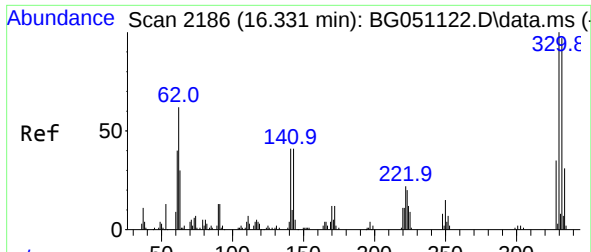
Tgt Ion: 82 Resp: 144449
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 45.7 45.8 68.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

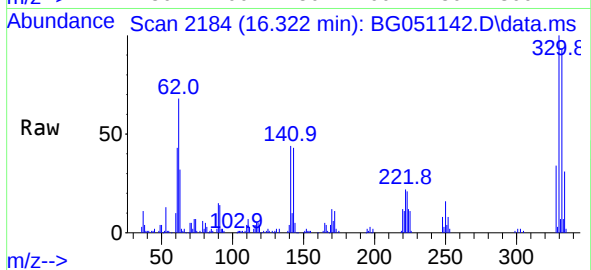
Tgt Ion:164 Resp: 76144
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 45.0 34.9 52.3



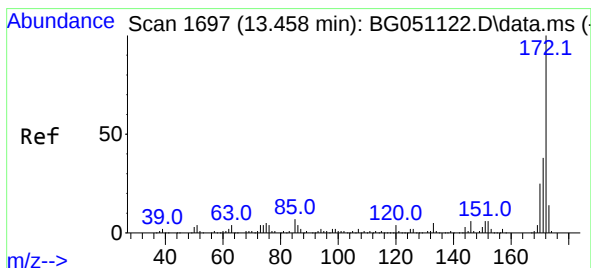
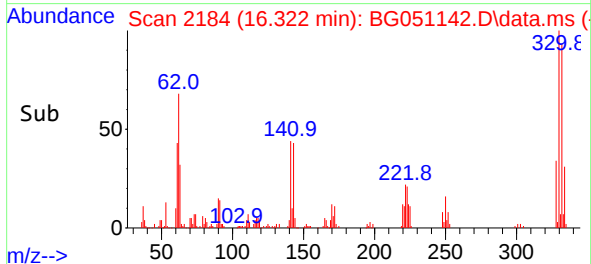
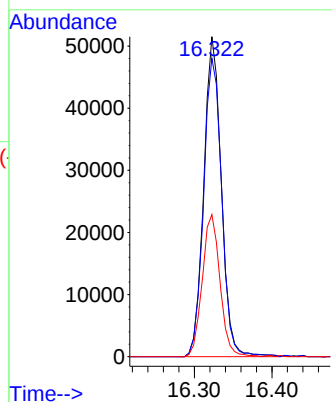


#42
2,4,6-Tribromophenol
Concen: 99.927 ng
RT: 16.322 min Scan# 2186
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Instrument :
BNA_G
ClientSampleId :
TP10

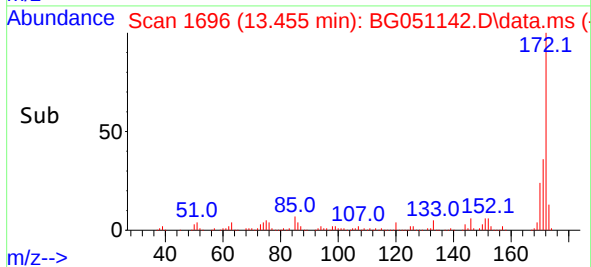
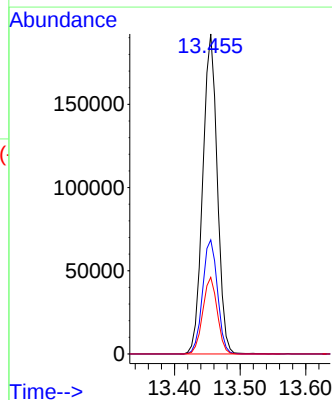
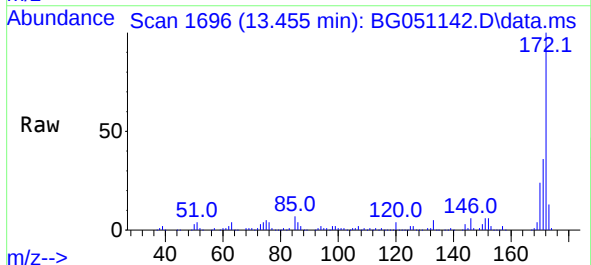


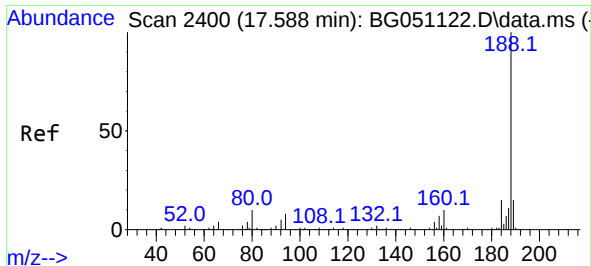
Tgt Ion:330 Resp: 80872
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 44.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 58.729 ng
RT: 13.455 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:172 Resp: 296352
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 18.6 27.8

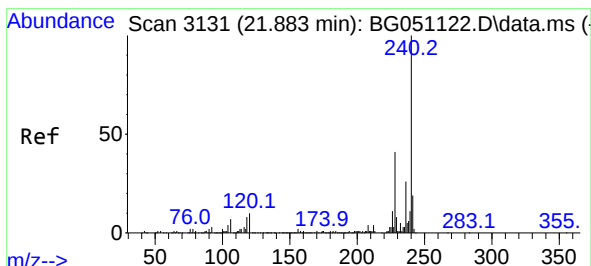
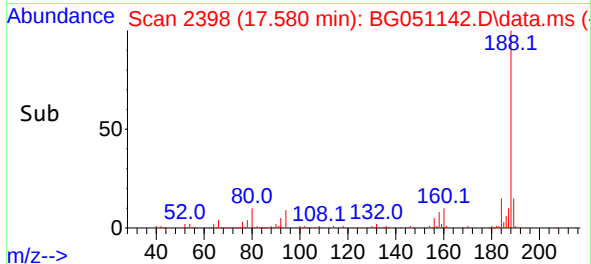
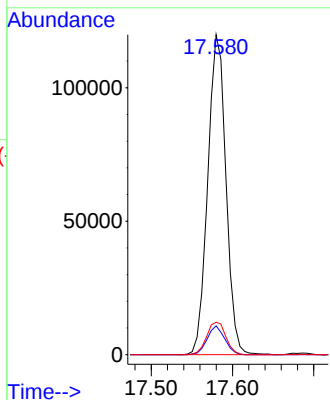
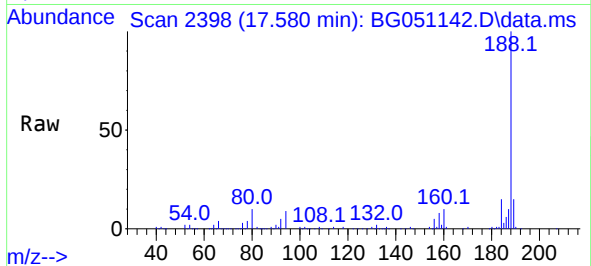




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

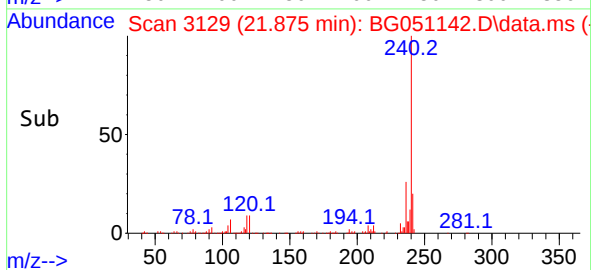
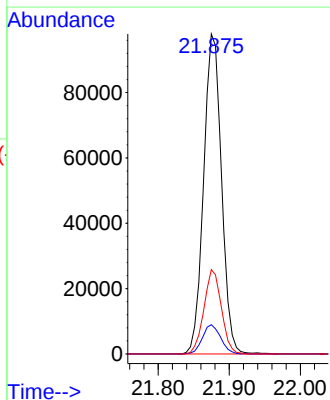
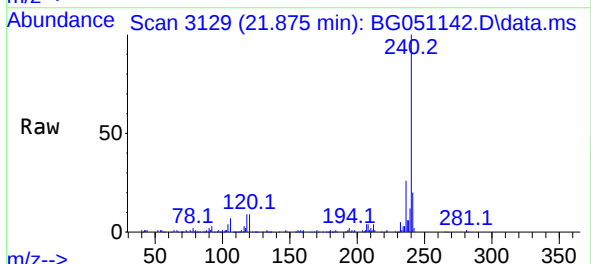
Instrument :
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ClientSampleId :
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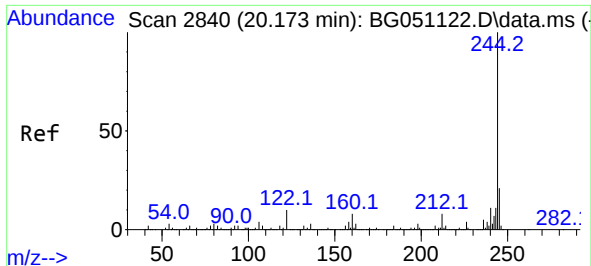
Tgt Ion:188 Resp: 186191
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 10.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:240 Resp: 171499
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.4 21.8 32.6

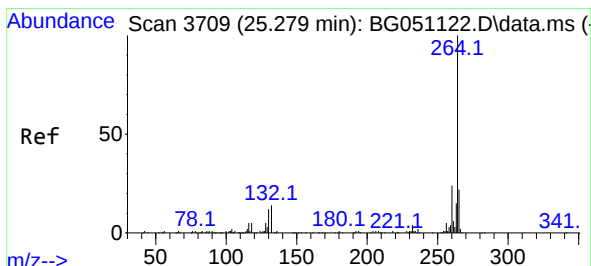
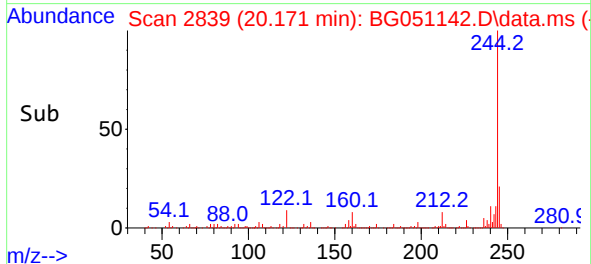
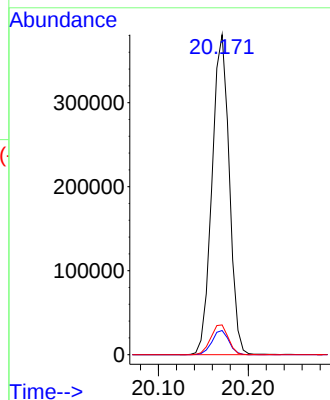
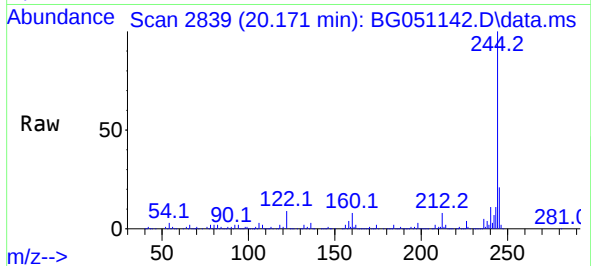




#79
 Terphenyl-d14
 Concen: 54.126 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG051142.D
 Acq: 20 Nov 2021 4:10

Instrument :
 BNA_G
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 TP10

Tgt Ion:244 Resp: 507769
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 9.3 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.277 min Scan# 3708
 Delta R.T. -0.003 min
 Lab File: BG051142.D
 Acq: 20 Nov 2021 4:10

Tgt Ion:264 Resp: 169026
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 20.7 16.9 25.3

