

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051066.D
 Acq On : 16 Nov 2021 14:17
 Operator : CG/JU
 Sample : M4687-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Nov 16 14:54:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	36285	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	148531	20.000	ng	# 0.00
39) Acenaphthene-d10	14.853	164	100066	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	238328	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	226356	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	224203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	114603	47.247	ng	0.00
7) Phenol-d6	7.368	99	89780	26.223	ng	0.00
23) Nitrobenzene-d5	9.401	82	253054	75.417	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	131245	131.063	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	488317	77.105	ng	0.00
79) Terphenyl-d14	20.188	244	923241	74.632	ng	0.00

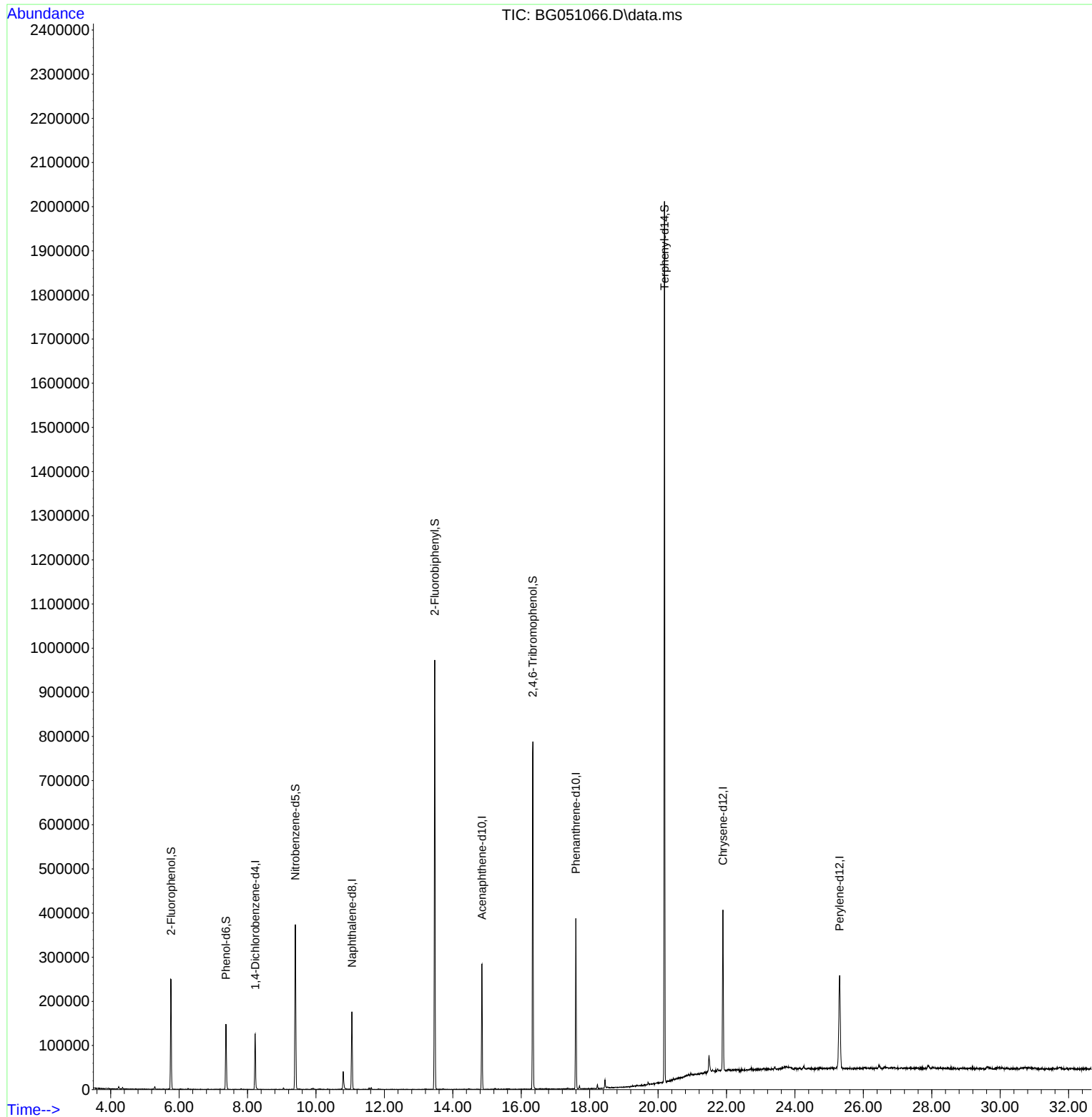
Target Compounds	Qvalue

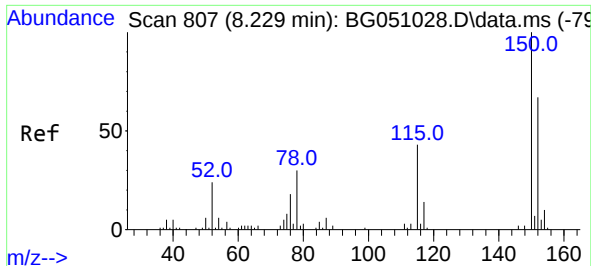
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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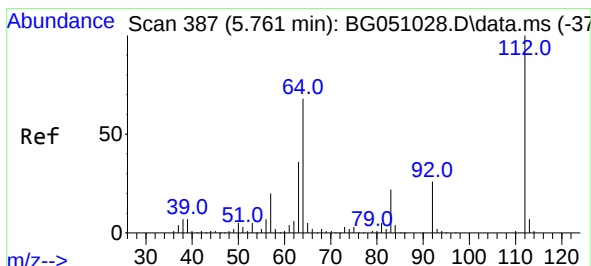
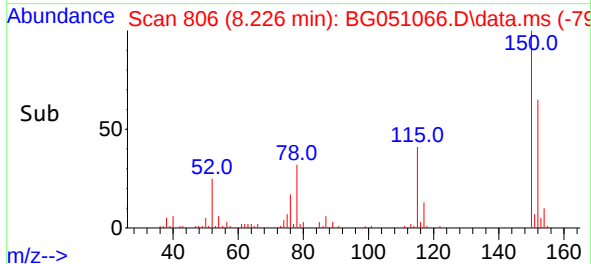
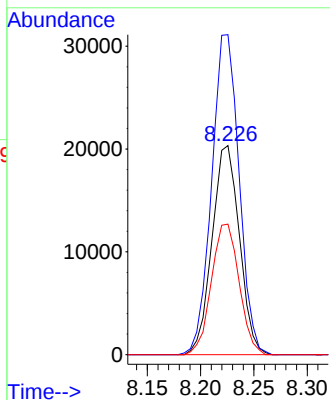
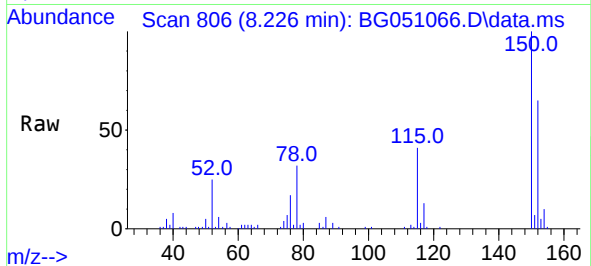




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

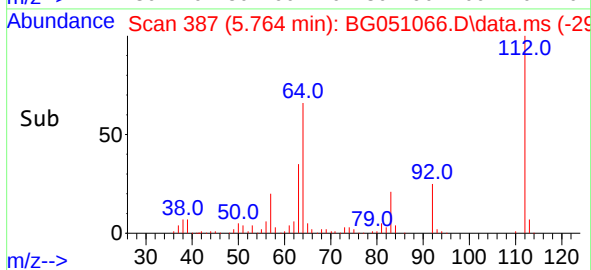
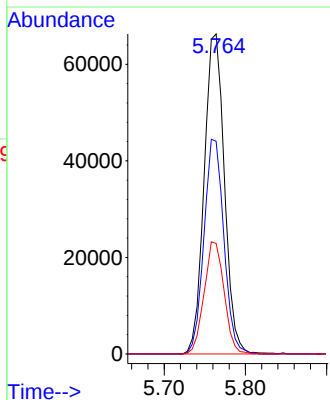
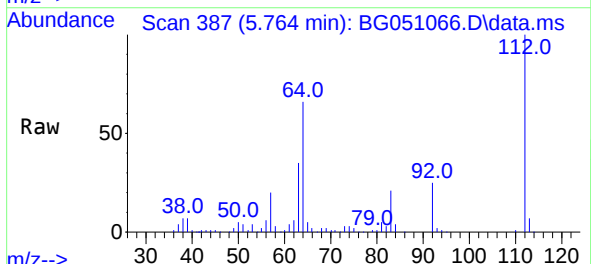
Instrument :
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ClientSampleId :
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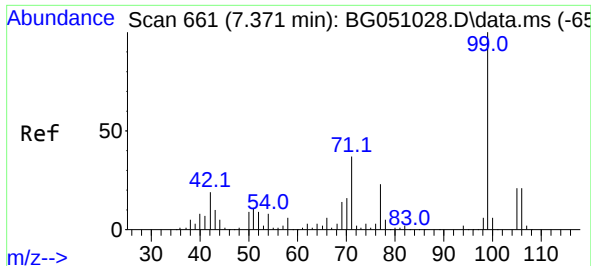
Tgt Ion:152 Resp: 36285
Ion Ratio Lower Upper
152 100
150 153.0 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 47.247 ng
RT: 5.764 min Scan# 387
Delta R.T. 0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:112 Resp: 114603
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 34.6 35.3 52.9#

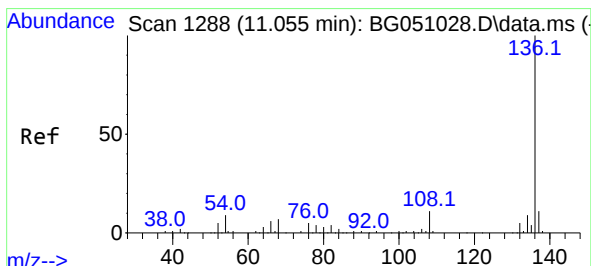
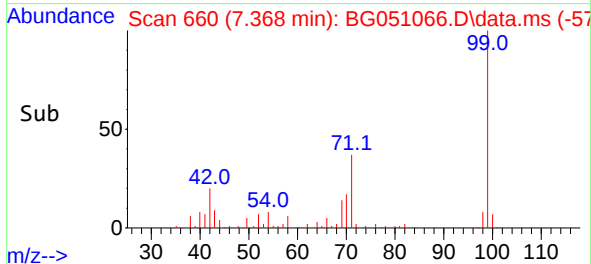
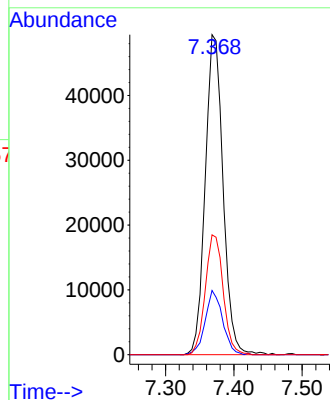
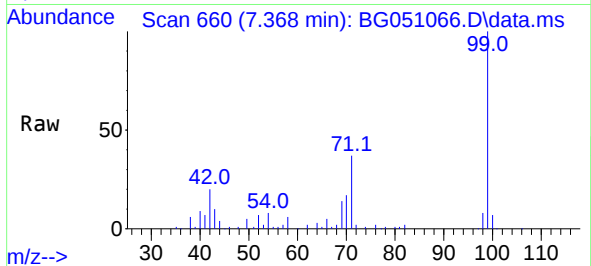




#7
Phenol-d6
Concen: 26.223 ng
RT: 7.368 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

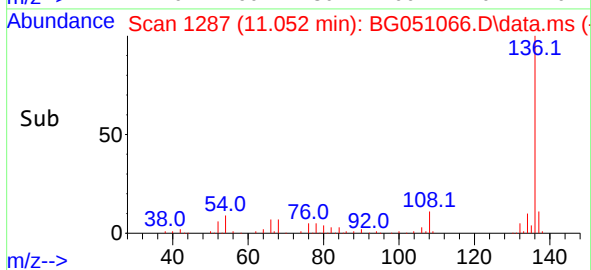
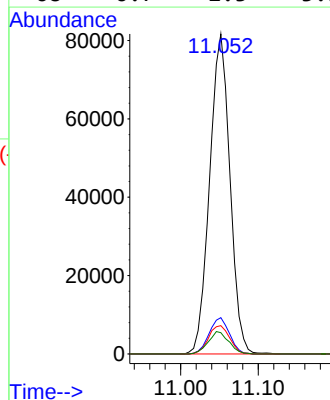
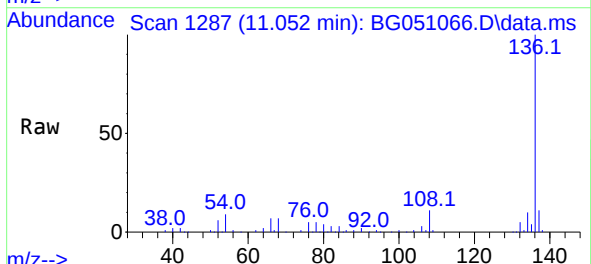
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ClientSampleId :
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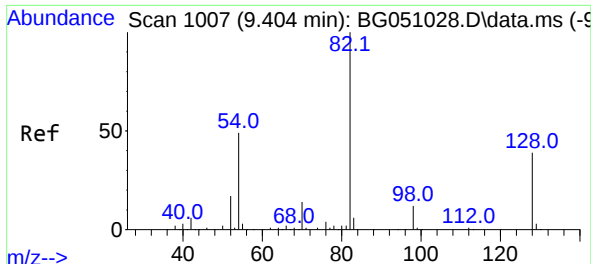
Tgt Ion: 99 Resp: 89780
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 37.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion: 136 Resp: 148531
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 8.8 5.5 8.3#
68 6.7 2.3 3.5#

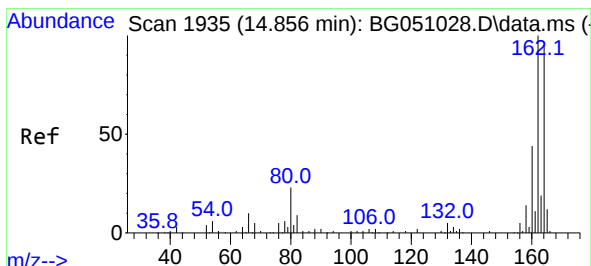
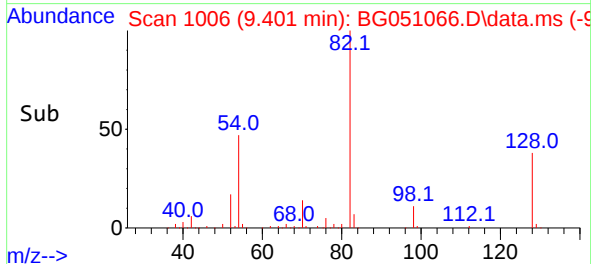
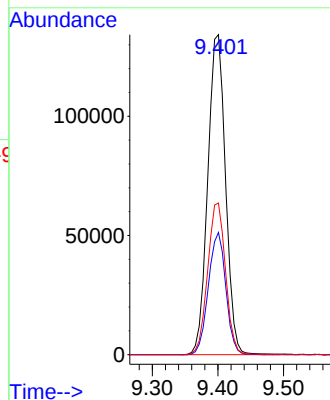
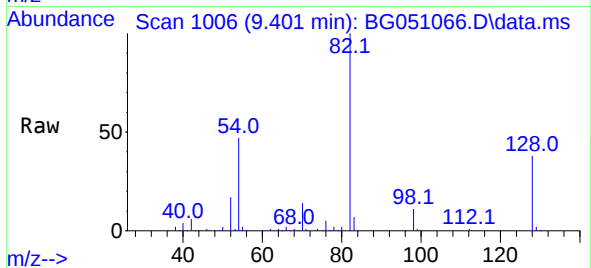




#23
Nitrobenzene-d5
Concen: 75.417 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

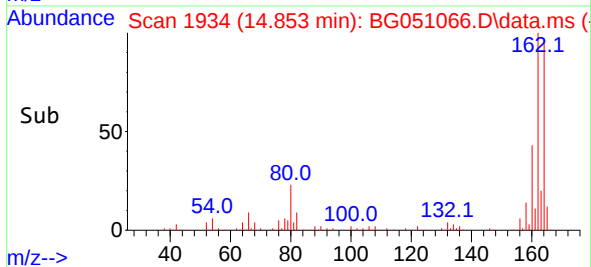
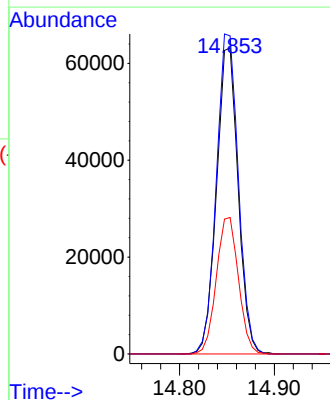
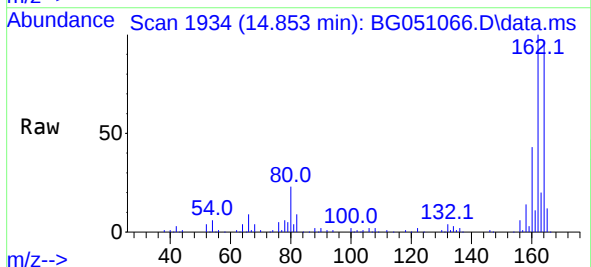
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BNA_G
ClientSampleId :
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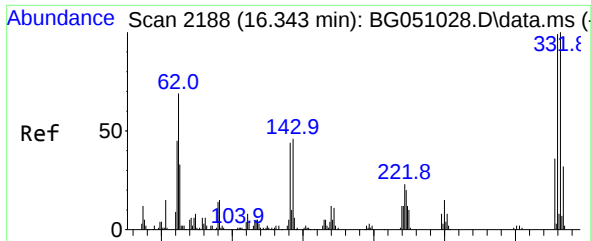
Tgt Ion: 82 Resp: 253054
Ion Ratio Lower Upper
82 100
128 38.2 29.8 44.6
54 47.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

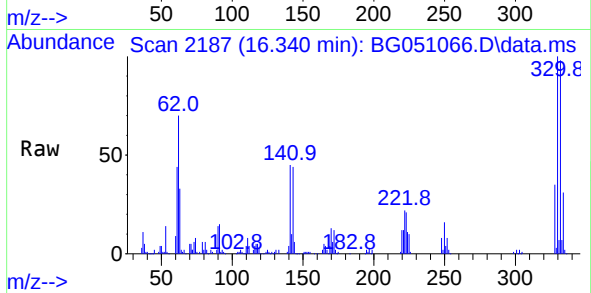
Tgt Ion:164 Resp: 100066
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 44.6 34.9 52.3



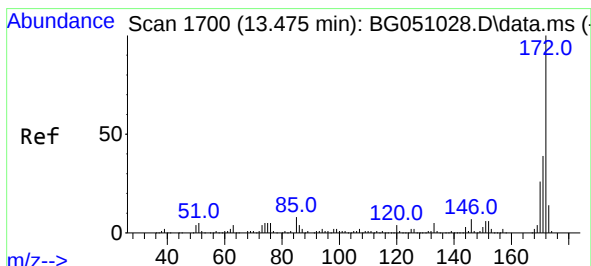
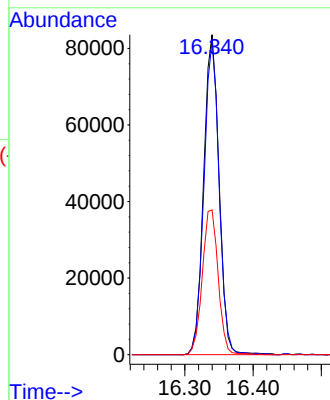
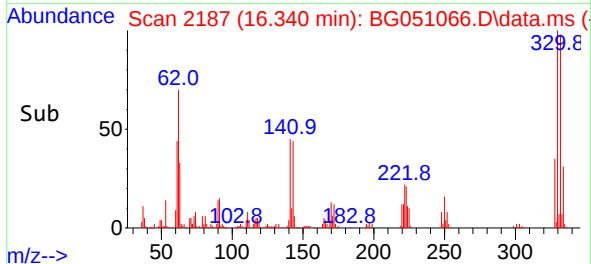


#42
2,4,6-Tribromophenol
Concen: 131.063 ng
RT: 16.340 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

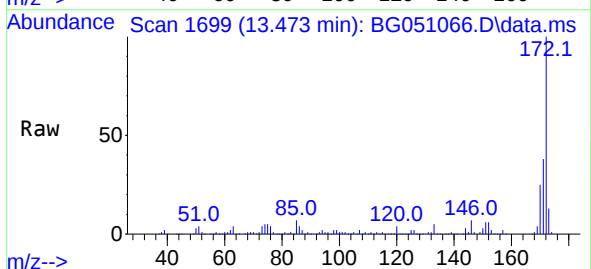
Instrument :
BNA_G
ClientSampleId :
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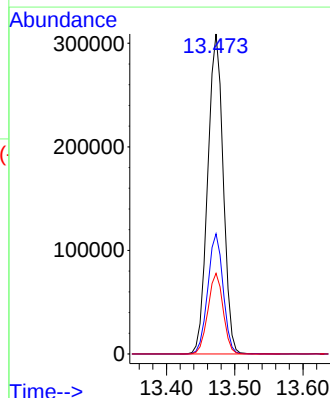
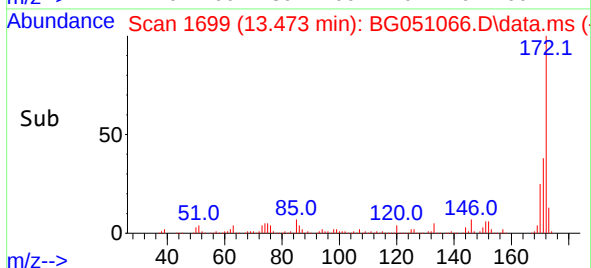
Tgt Ion:330 Resp: 131245
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 46.7 35.6 53.4

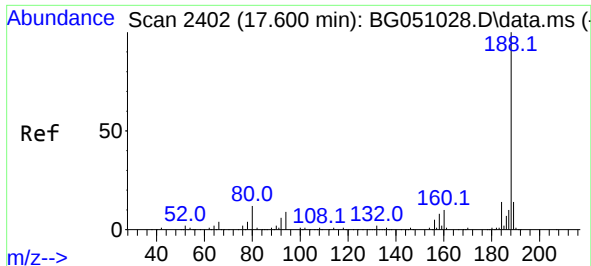


#45
2-Fluorobiphenyl
Concen: 77.105 ng
RT: 13.473 min Scan# 1699
Delta R.T. -0.002 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17



Tgt Ion:172 Resp: 488317
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.2 18.6 27.8

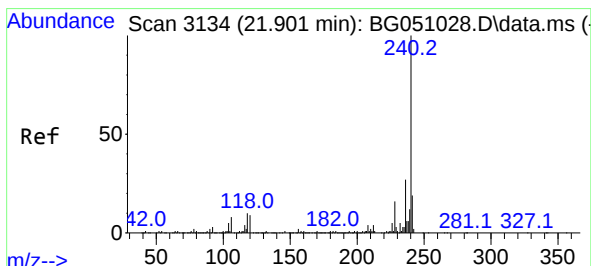
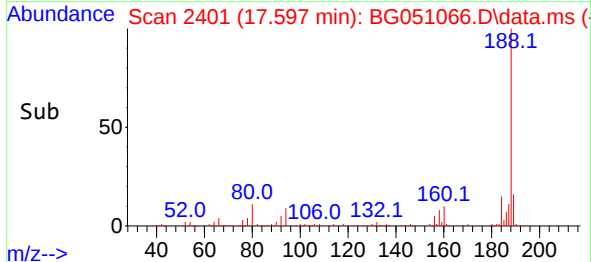
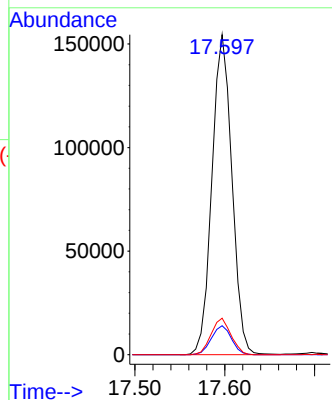
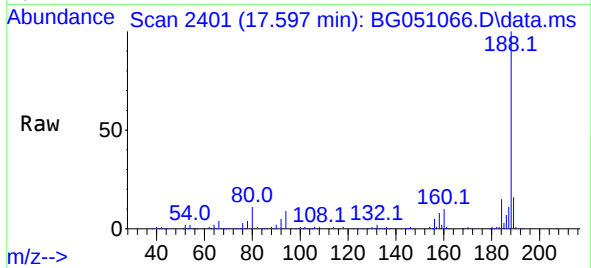




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

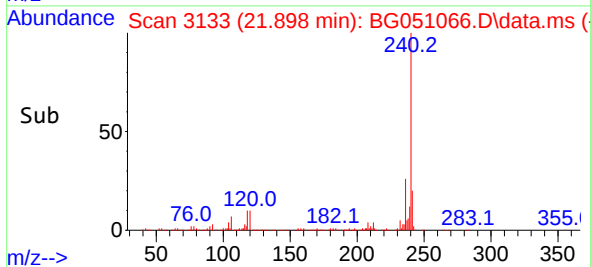
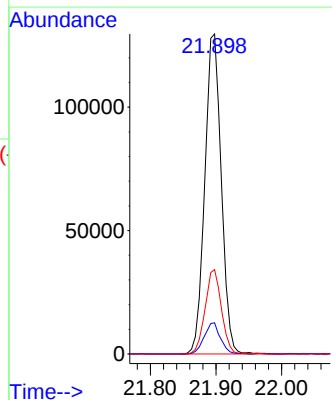
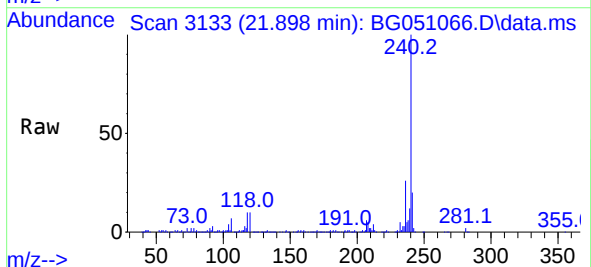
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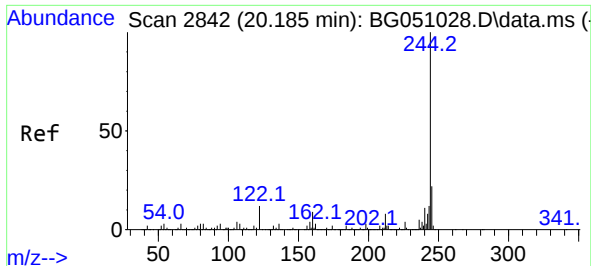
Tgt Ion:188 Resp: 238328
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 11.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:240 Resp: 226356
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.3 21.8 32.6

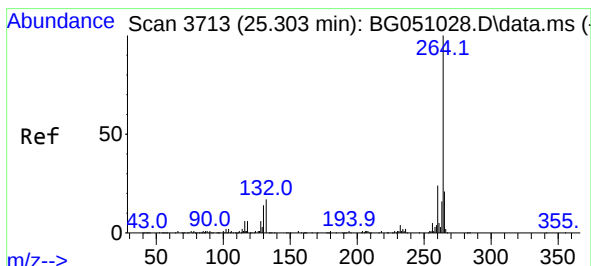
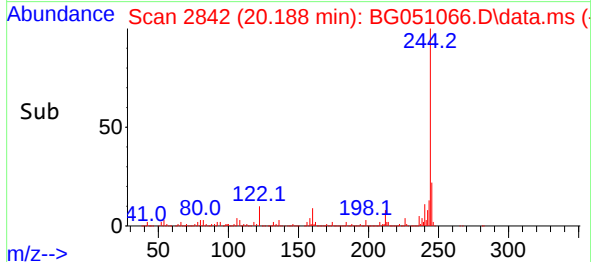
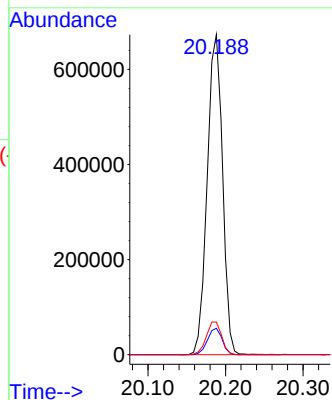
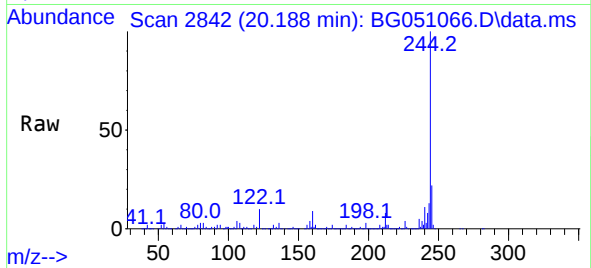




#79
 Terphenyl-d14
 Concen: 74.632 ng
 RT: 20.188 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051066.D
 Acq: 16 Nov 2021 14:17

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 923241
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 10.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.306 min Scan# 3713
 Delta R.T. 0.003 min
 Lab File: BG051066.D
 Acq: 16 Nov 2021 14:17

Tgt Ion:264 Resp: 224203
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 23.3 16.9 25.3

