

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051051.D
 Acq On : 15 Nov 2021 21:27
 Operator : CG/JU
 Sample : M4681-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 16 00:41:14 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	8.222	152	38545	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	176195	20.000	ng	# 0.00
39) Acenaphthene-d10	14.850	164	125899	20.000	ng	0.00
64) Phenanthrene-d10	17.599	188	278353	20.000	ng	# 0.00
76) Chrysene-d12	21.894	240	220856	20.000	ng	# 0.00
86) Perylene-d12	25.302	264	215608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	425535	165.147	ng	0.00
7) Phenol-d6	7.376	99	590363	162.326	ng	0.00
23) Nitrobenzene-d5	9.403	82	411062	103.274	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	202002	160.331	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	788645	98.975	ng	0.00
79) Terphenyl-d14	20.190	244	1156443	95.811	ng	0.00

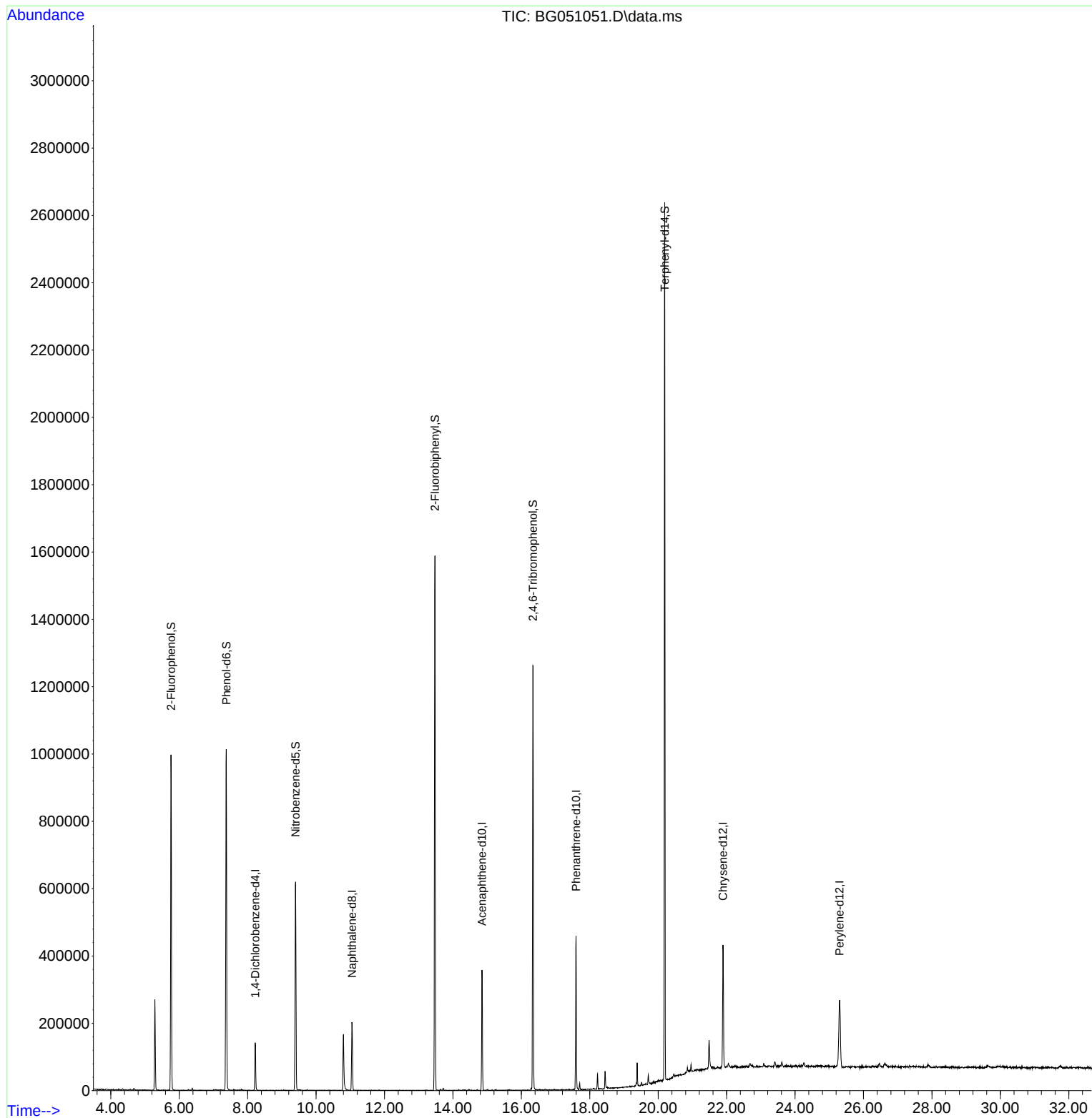
Target Compounds	Qvalue

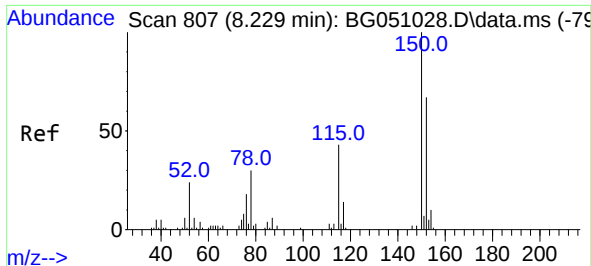
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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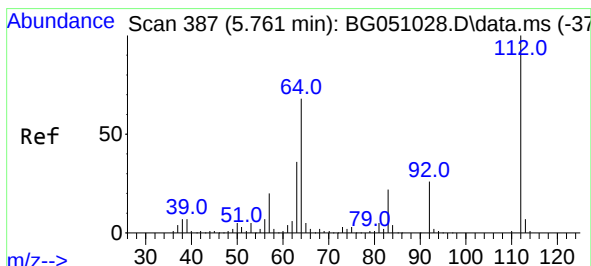
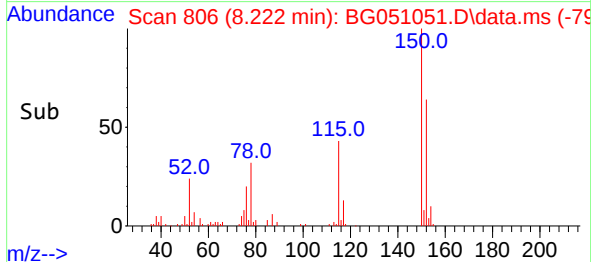
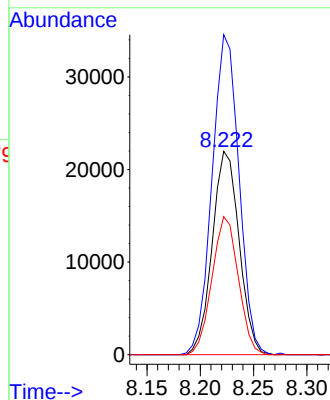
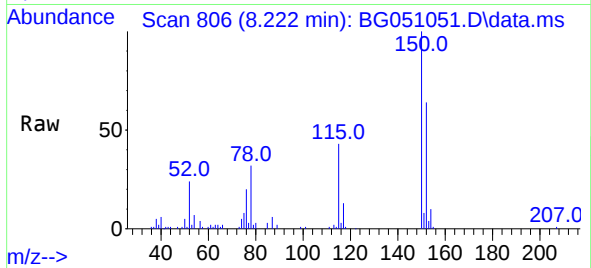




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 807
Delta R.T. -0.007 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

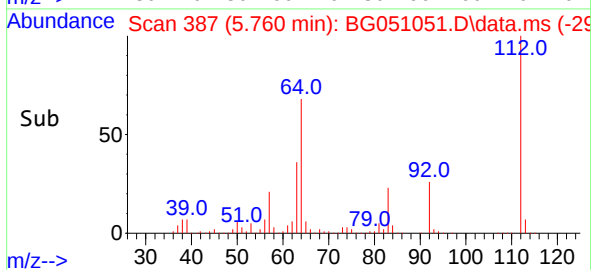
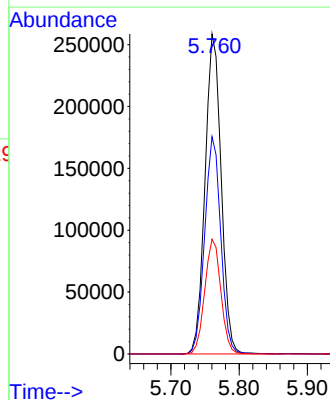
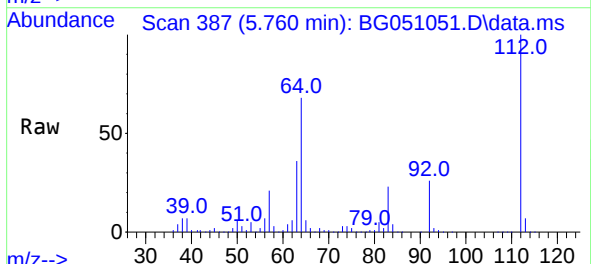
Instrument :
BNA_G
ClientSampleId :
COMP-1

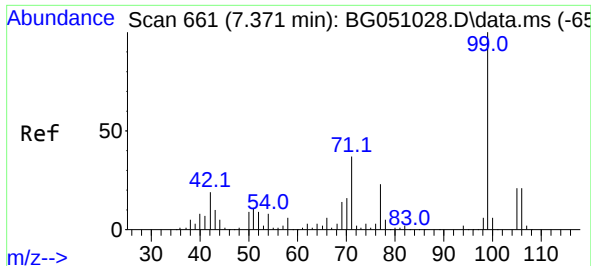
Tgt Ion:152 Resp: 38545
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 165.147 ng
RT: 5.760 min Scan# 387
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:112 Resp: 425535
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 35.8 35.3 52.9

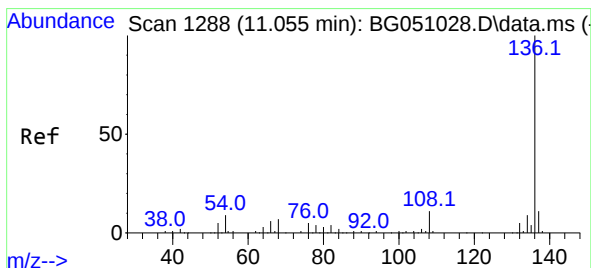
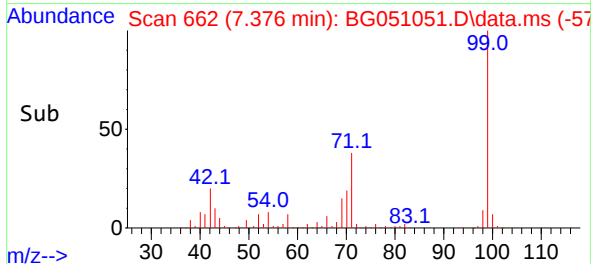
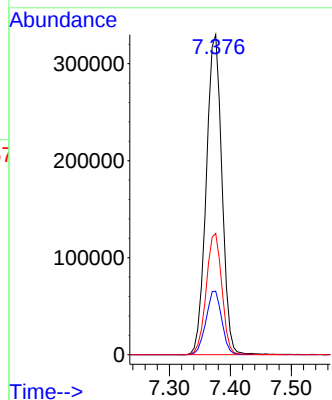
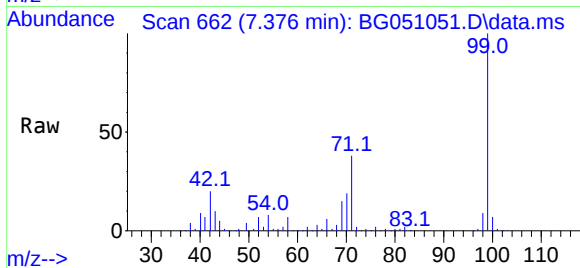




#7
Phenol-d6
Concen: 162.326 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

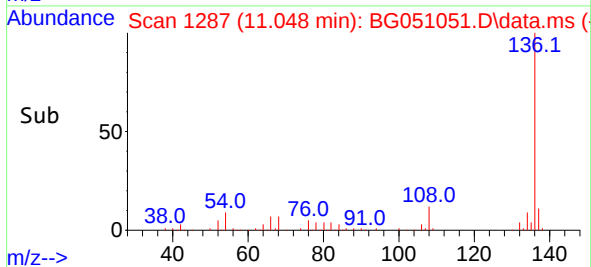
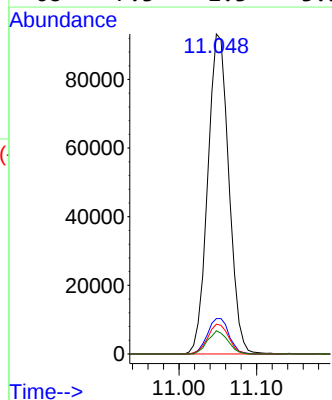
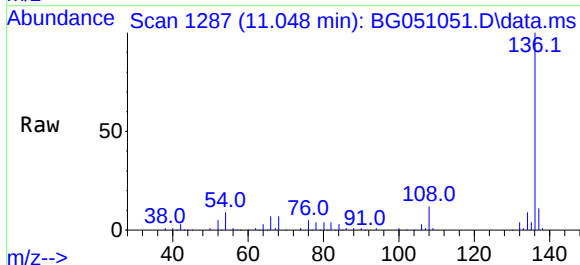
Instrument :
BNA_G
ClientSampleId :
COMP-1

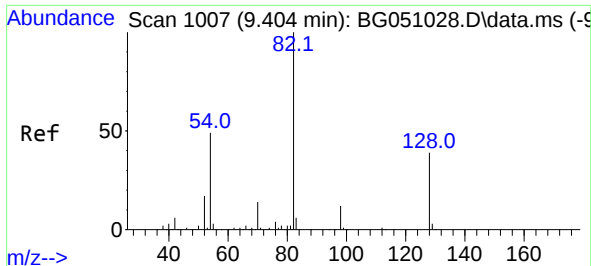
Tgt Ion: 99 Resp: 590363
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7#
71 37.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion: 136 Resp: 176195
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.3 5.5 8.3#
68 7.3 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 103.274 ng

RT: 9.403 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG051051.D

Acq: 15 Nov 2021 21:27

Instrument :

BNA_G

ClientSampleId :

COMP-1

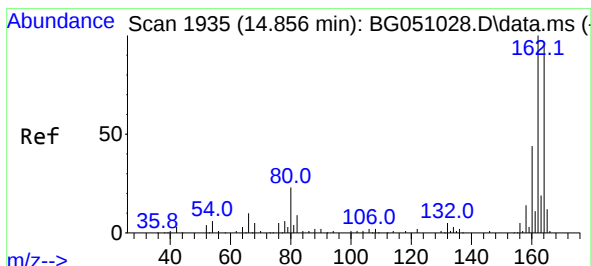
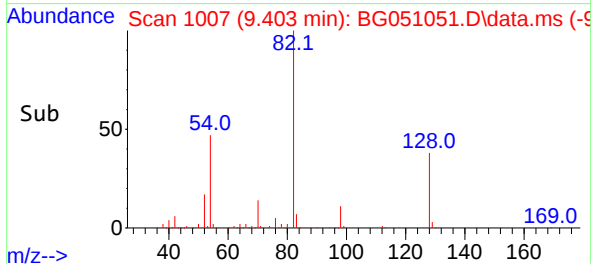
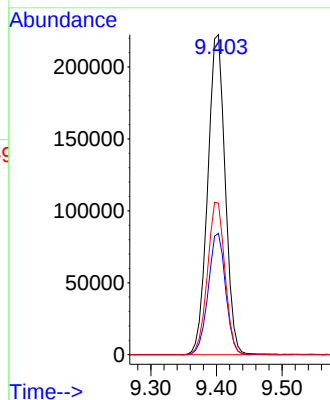
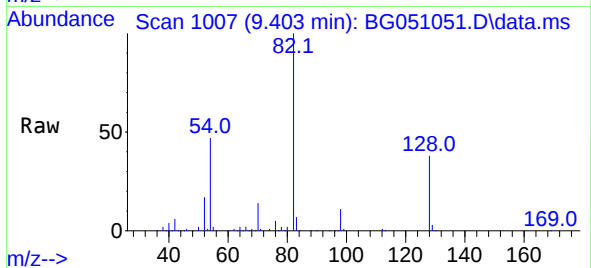
Tgt Ion: 82 Resp: 411062

Ion Ratio Lower Upper

82 100

128 37.9 29.8 44.6

54 47.4 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.850 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BG051051.D

Acq: 15 Nov 2021 21:27

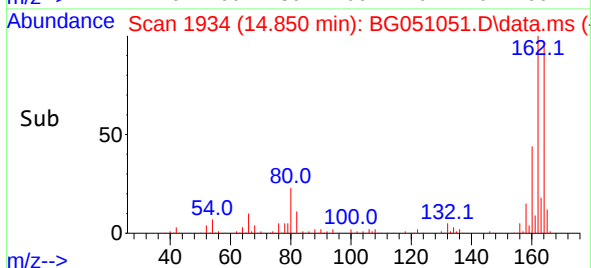
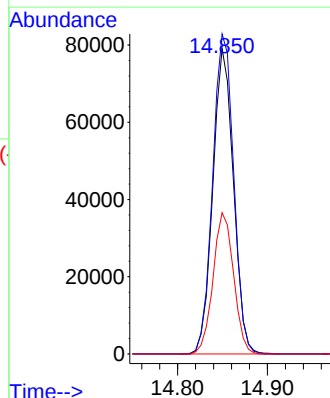
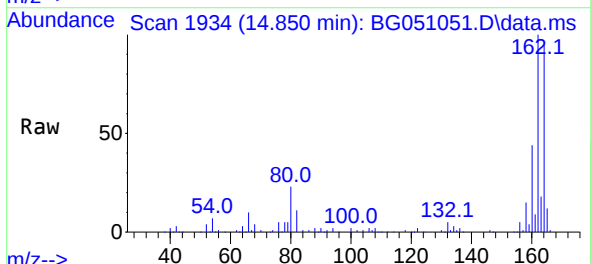
Tgt Ion:164 Resp: 125899

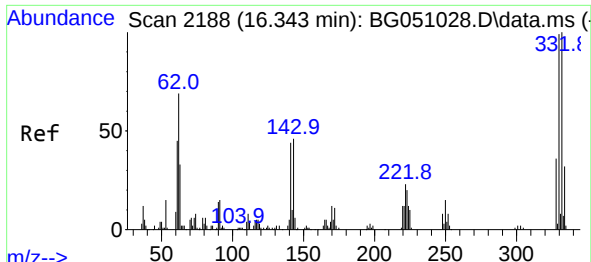
Ion Ratio Lower Upper

164 100

162 104.8 81.4 122.0

160 46.3 34.9 52.3

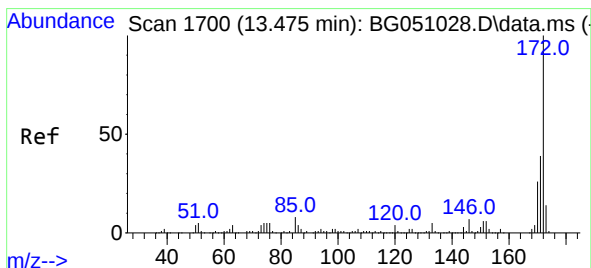
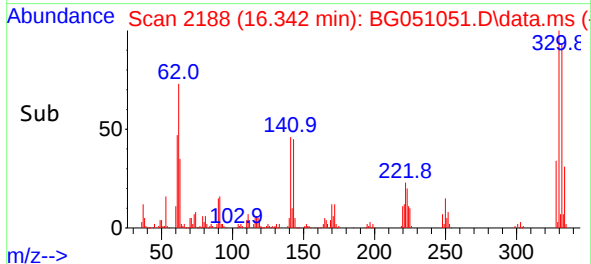
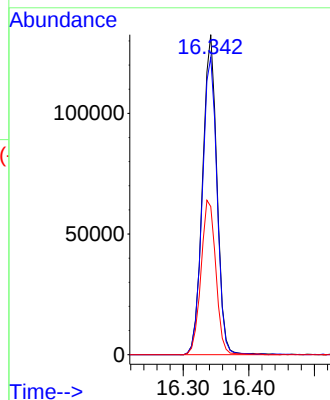
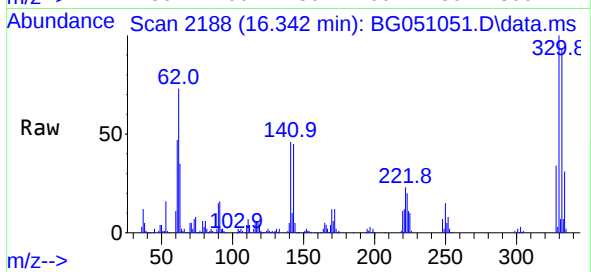




#42
2,4,6-Tribromophenol
Concen: 160.331 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

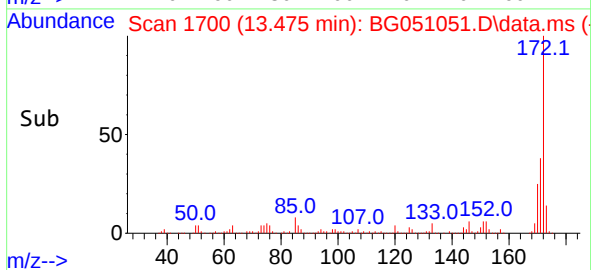
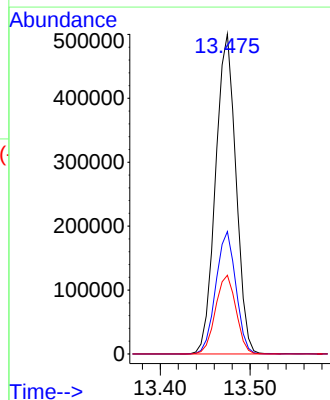
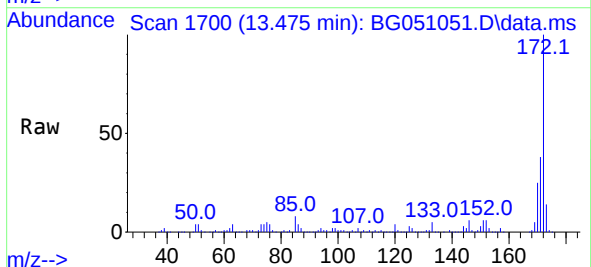
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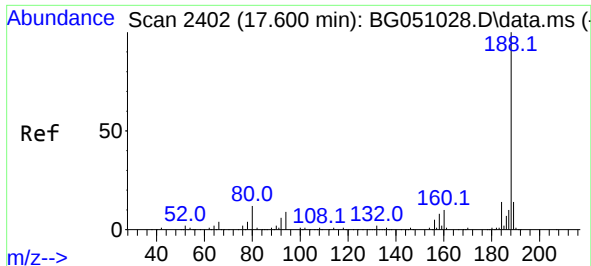
Tgt Ion:330 Resp: 202002
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 49.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 98.975 ng
RT: 13.475 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:172 Resp: 788645
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 24.6 18.6 27.8

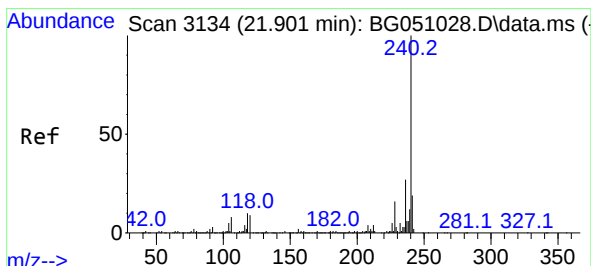
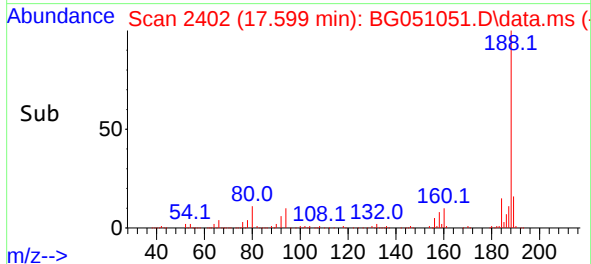
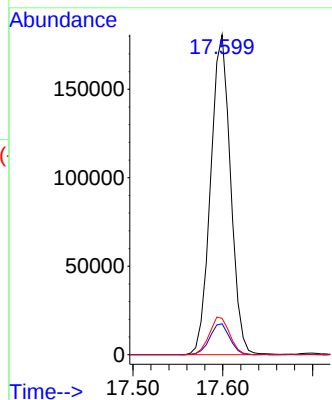
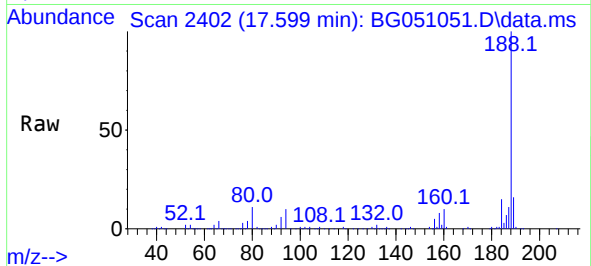




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.599 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

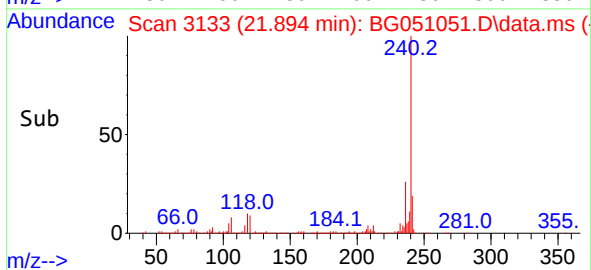
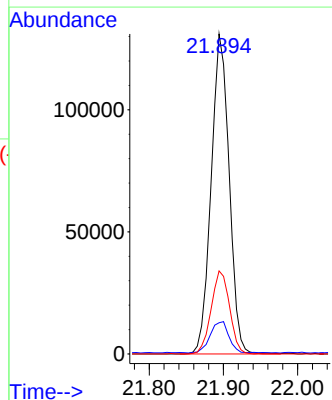
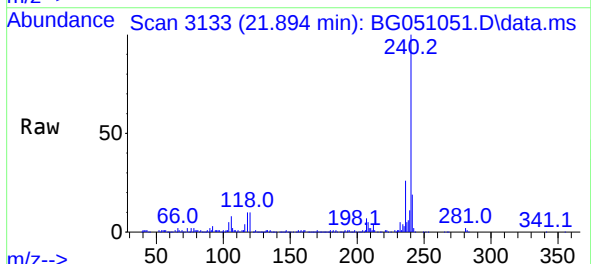
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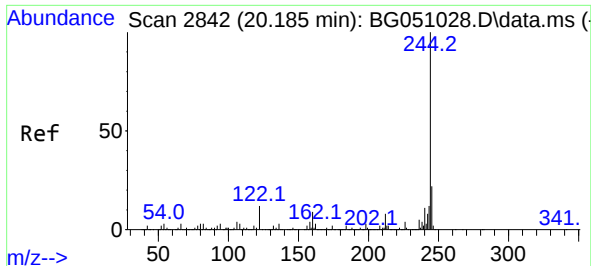
Tgt Ion:188 Resp: 278353
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.894 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:240 Resp: 220856
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.9 21.8 32.6

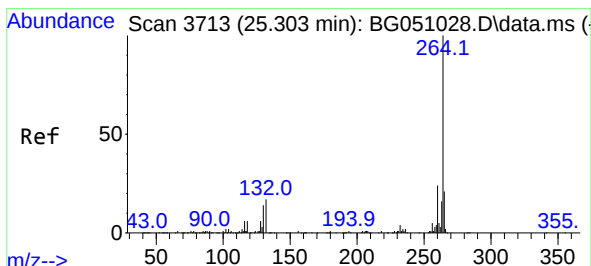
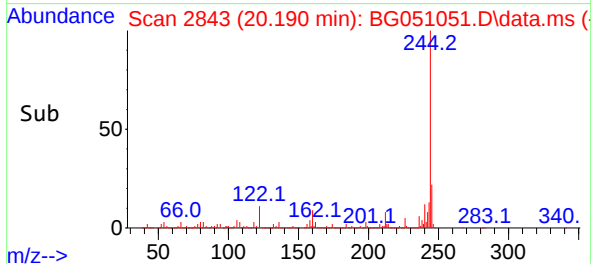
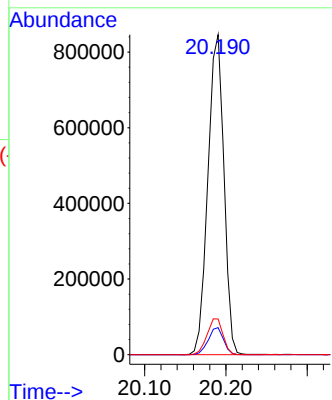
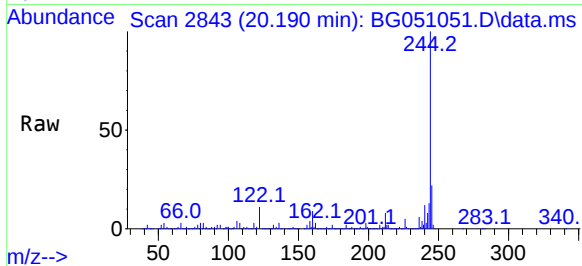




#79
 Terphenyl-d14
 Concen: 95.811 ng
 RT: 20.190 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG051051.D
 Acq: 15 Nov 2021 21:27

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 1156443
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.302 min Scan# 3713
 Delta R.T. -0.001 min
 Lab File: BG051051.D
 Acq: 15 Nov 2021 21:27

Tgt Ion:264 Resp: 215608
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 16.9 25.3

