

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051171.D
 Acq On : 22 Nov 2021 15:28
 Operator : CG/JU
 Sample : M4770-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-4

Quant Time: Nov 22 17:18:10 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	8.203	152	27593	20.000	ng	0.00
21) Naphthalene-d8	11.035	136	119825	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	82541	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	205278	20.000	ng	# 0.00
76) Chrysene-d12	21.887	240	193047	20.000	ng	# 0.00
86) Perylene-d12	25.289	264	189801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	191477	107.271	ng	0.00
7) Phenol-d6	7.363	99	228864	91.034	ng	0.00
23) Nitrobenzene-d5	9.378	82	204695	77.981	ng	0.00
42) 2,4,6-Tribromophenol	16.329	330	103619	118.111	ng	0.00
45) 2-Fluorobiphenyl	13.456	172	403643	73.792	ng	0.00
79) Terphenyl-d14	20.177	244	755495	71.543	ng	0.00

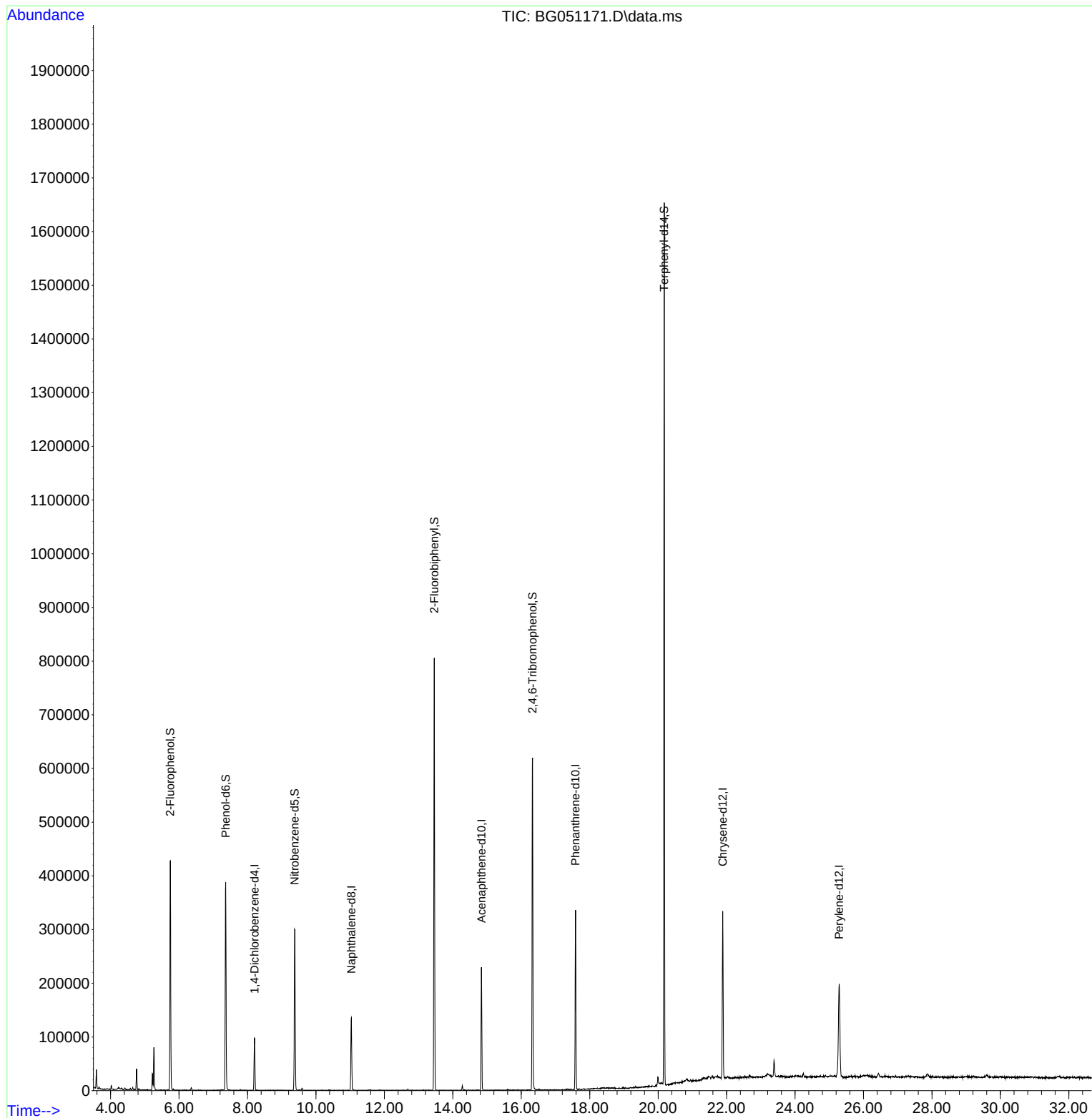
Target Compounds	Qvalue

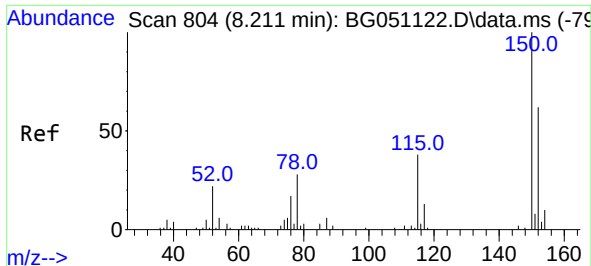
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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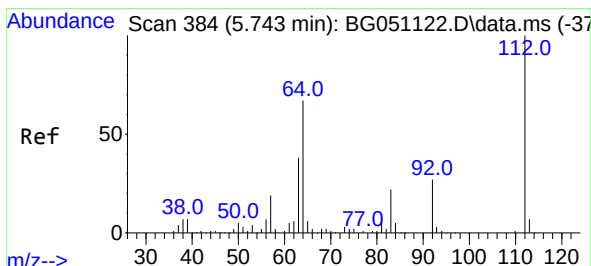
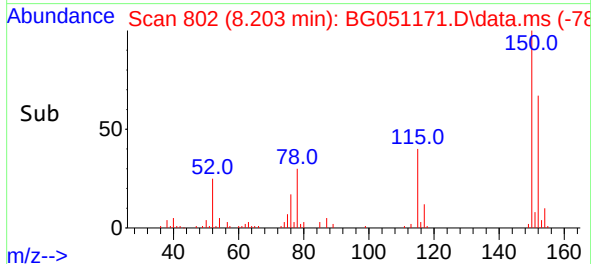
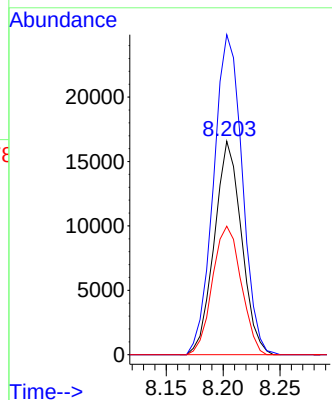
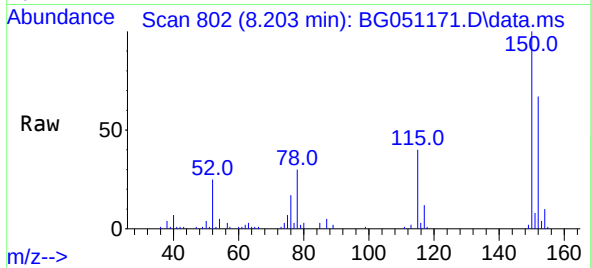




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

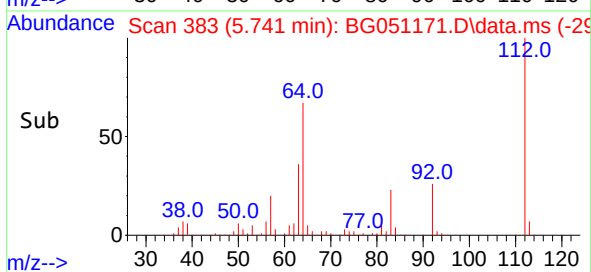
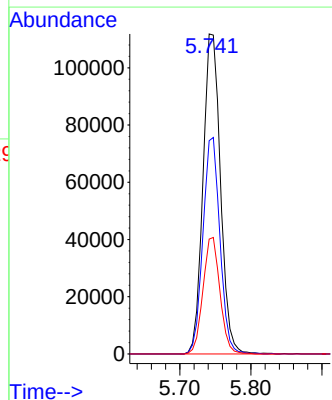
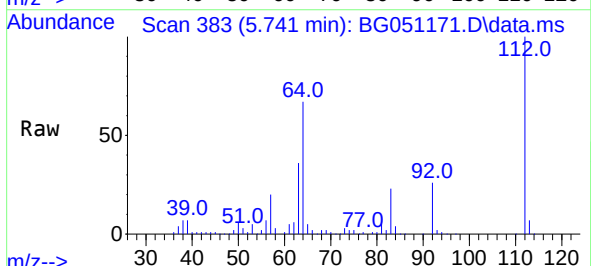
Instrument :
BNA_G
ClientSampleId :
CC-4

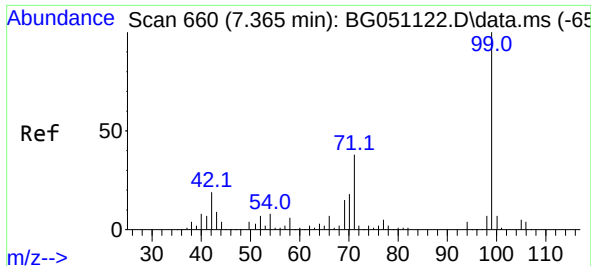
Tgt Ion:152 Resp: 27593
Ion Ratio Lower Upper
152 100
150 150.0 119.4 179.0
115 60.2 60.2 90.4



#5
2-Fluorophenol
Concen: 107.271 ng
RT: 5.741 min Scan# 383
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:112 Resp: 191477
Ion Ratio Lower Upper
112 100
64 66.7 46.7 70.1
63 35.9 35.3 52.9

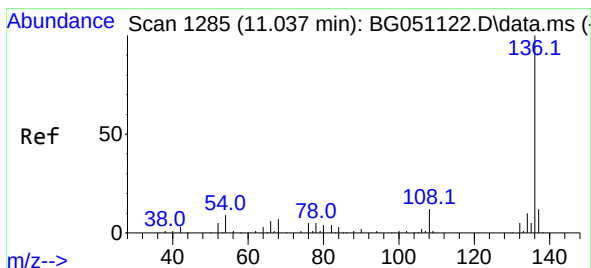
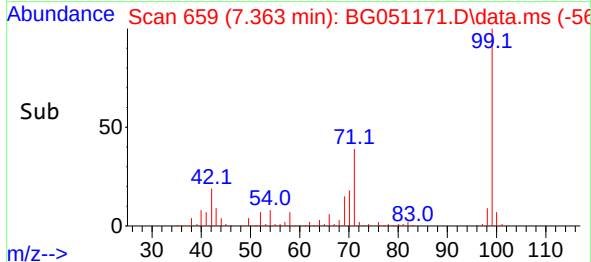
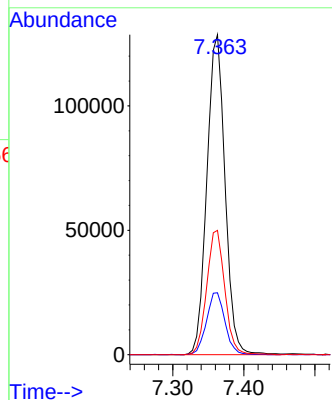
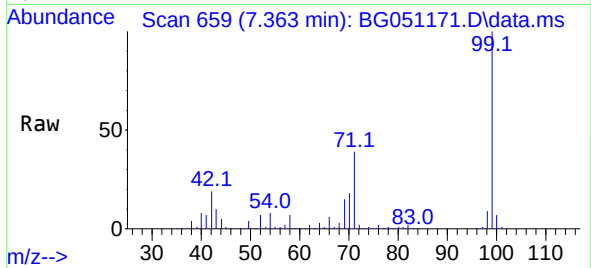




#7
Phenol-d6
Concen: 91.034 ng
RT: 7.363 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

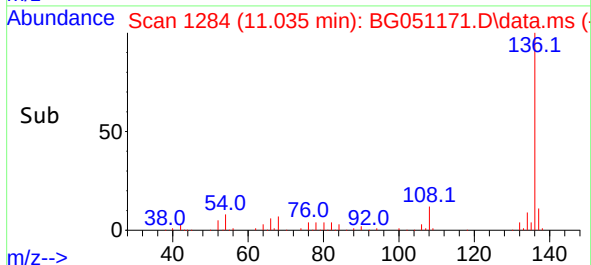
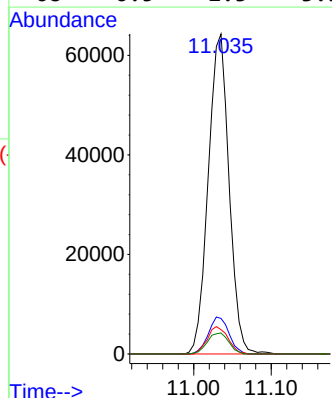
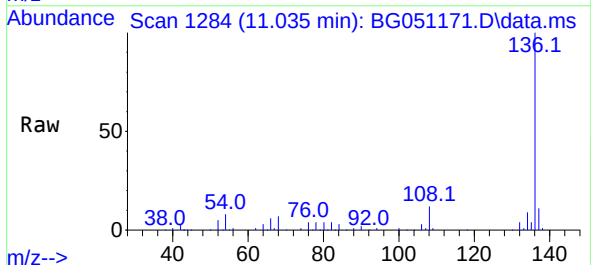
Instrument :
BNA_G
ClientSampleId :
CC-4

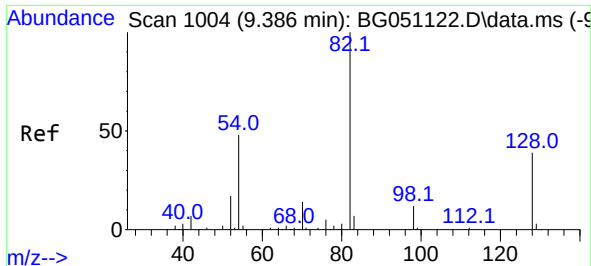
Tgt Ion: 99 Resp: 228864
Ion Ratio Lower Upper
99 100
42 19.4 20.5 30.7#
71 38.8 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1284
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion: 136 Resp: 119825
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 7.6 5.5 8.3
68 6.5 2.3 3.5#

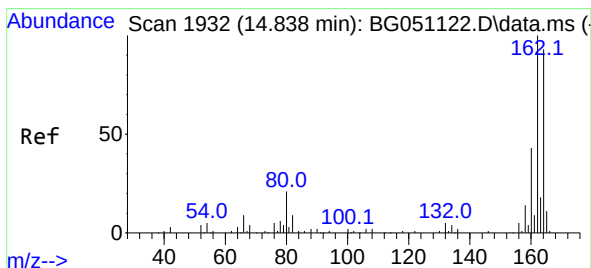
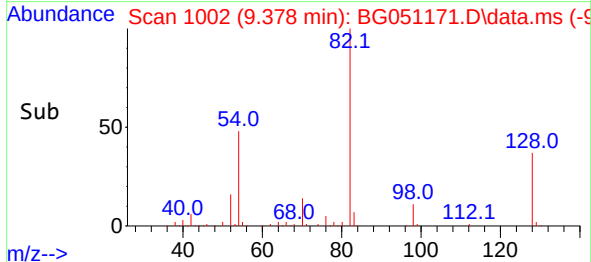
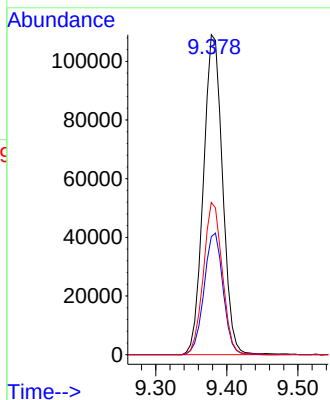
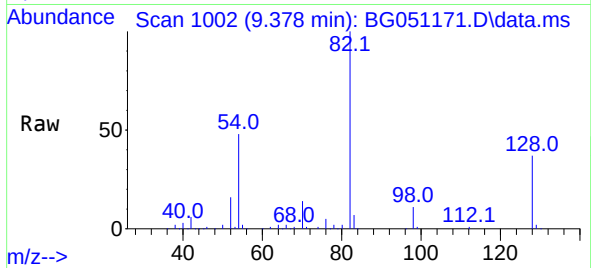




#23
Nitrobenzene-d5
Concen: 77.981 ng
RT: 9.378 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

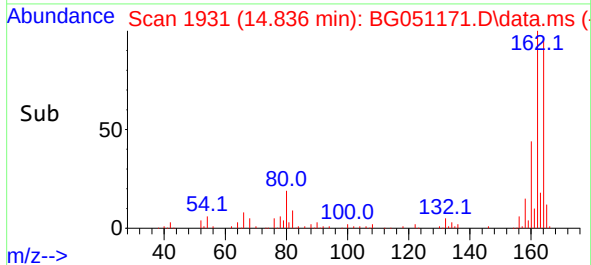
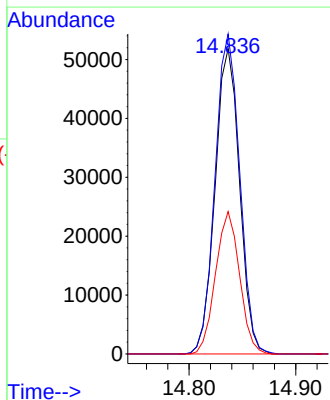
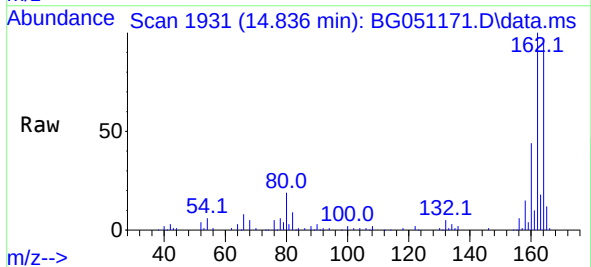
Instrument :
BNA_G
ClientSampleId :
CC-4

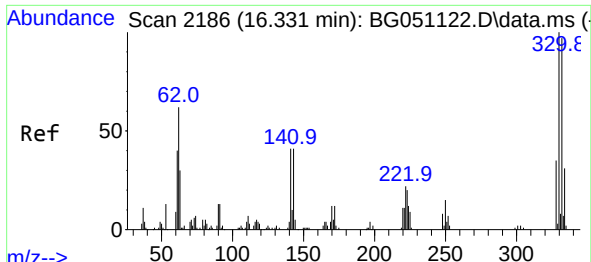
Tgt Ion: 82 Resp: 204695
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 47.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.836 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

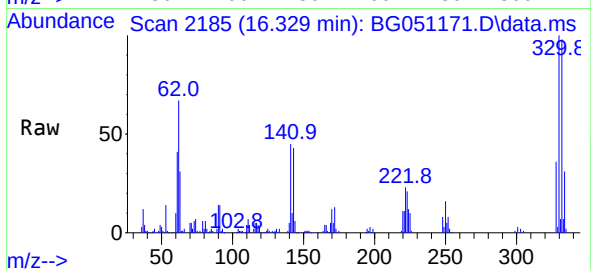
Tgt Ion:164 Resp: 82541
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 46.6 34.9 52.3



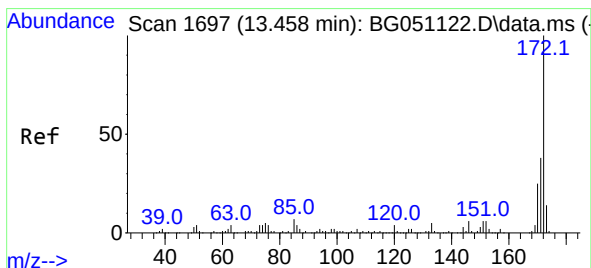
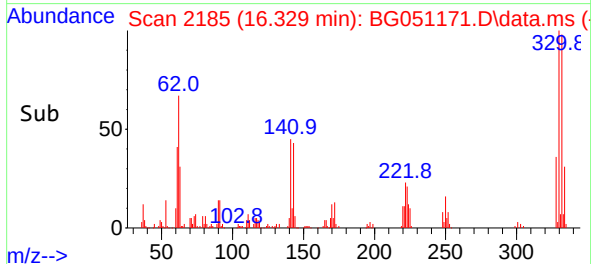
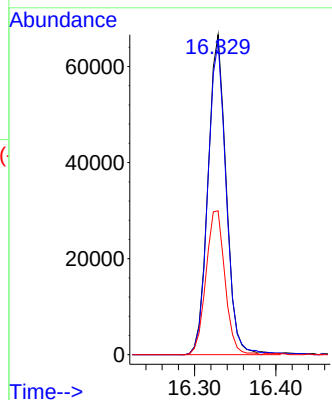


#42
2,4,6-Tribromophenol
Concen: 118.111 ng
RT: 16.329 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

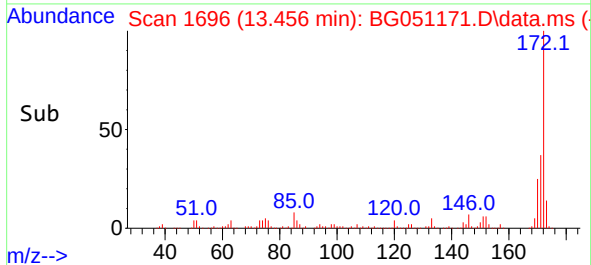
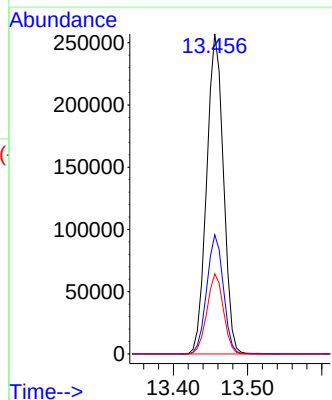
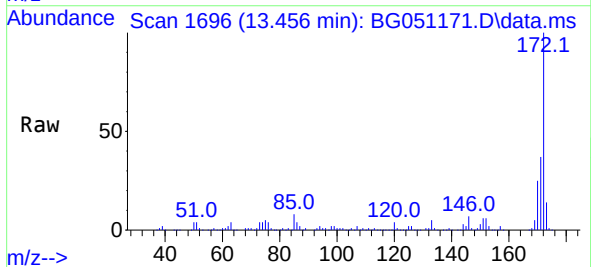


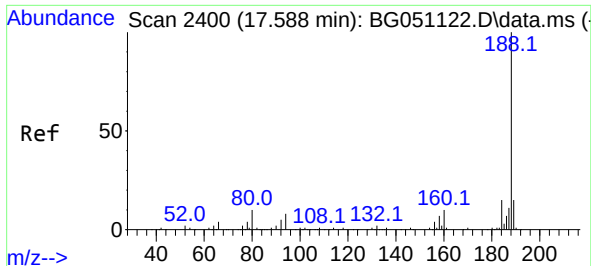
Tgt Ion:330 Resp: 103619
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 46.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 73.792 ng
RT: 13.456 min Scan# 1696
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:172 Resp: 403643
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.1 18.6 27.8

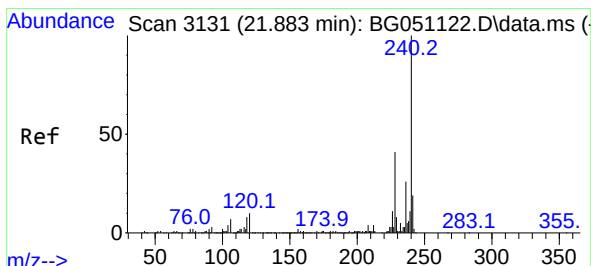
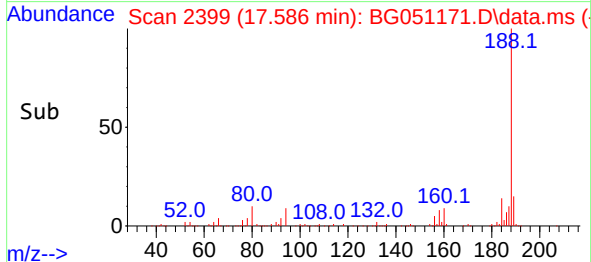
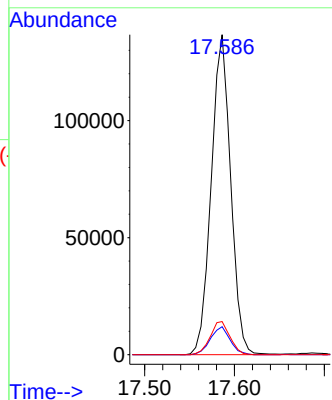
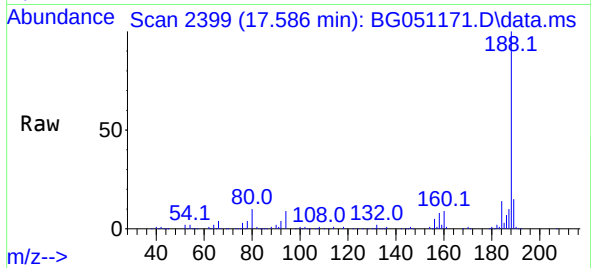




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

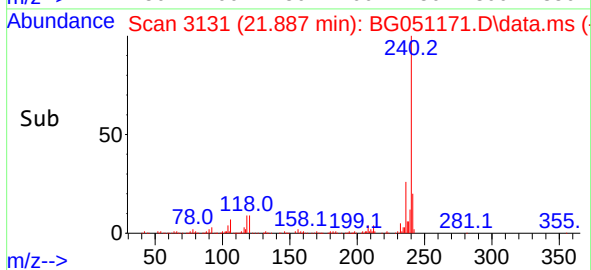
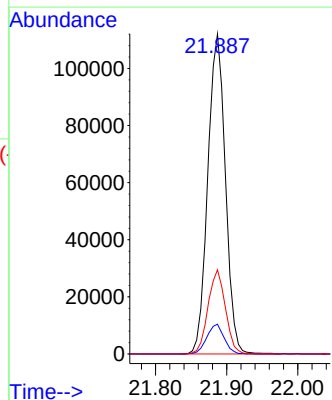
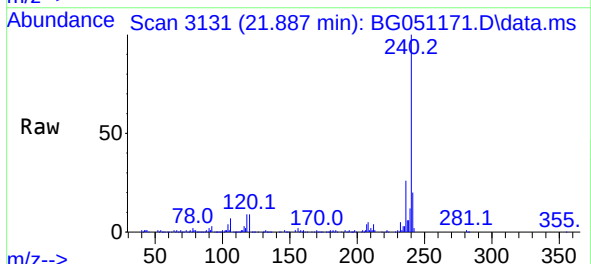
Instrument :
BNA_G
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CC-4

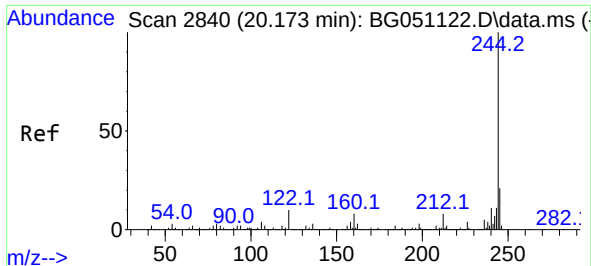
Tgt Ion:188 Resp: 205278
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.887 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:240 Resp: 193047
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.3 21.8 32.6

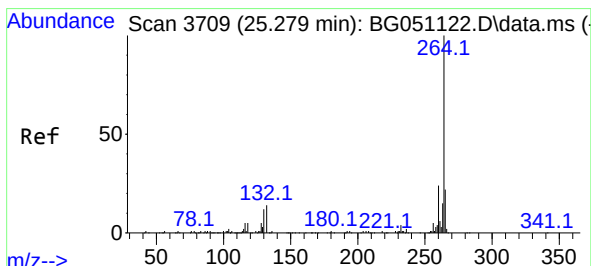
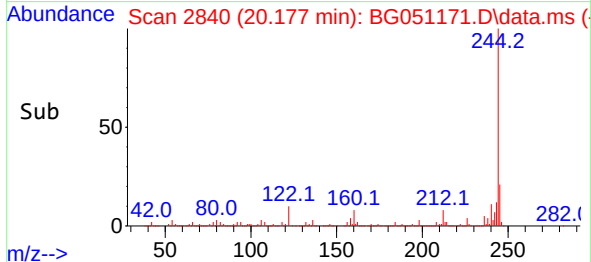
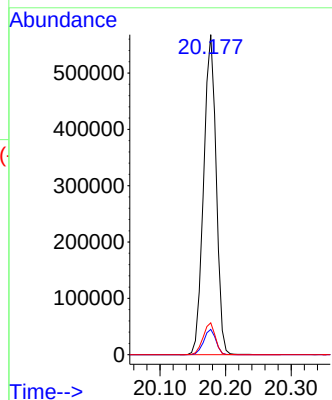
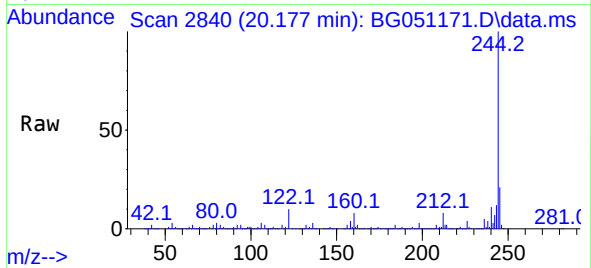




#79
 Terphenyl-d14
 Concen: 71.543 ng
 RT: 20.177 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG051171.D
 Acq: 22 Nov 2021 15:28

Instrument :
 BNA_G
 ClientSampleId :
 CC-4

Tgt Ion:244 Resp: 755495
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 10.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.289 min Scan# 3710
 Delta R.T. 0.010 min
 Lab File: BG051171.D
 Acq: 22 Nov 2021 15:28

Tgt Ion:264 Resp: 189801
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.7 16.9 25.3

