

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051173.D
 Acq On : 22 Nov 2021 16:51
 Operator : CG/JU
 Sample : M4770-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-1

Quant Time: Nov 23 00:50:31 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	8.206	152	25104	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	106397	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	73687	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	180673	20.000	ng	# 0.00
76) Chrysene-d12	21.890	240	181675	20.000	ng	# 0.00
86) Perylene-d12	25.292	264	177254	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	190749	117.459	ng	0.00
7) Phenol-d6	7.360	99	235869	103.122	ng	0.00
23) Nitrobenzene-d5	9.381	82	191255	82.056	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	98128	125.292	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	384294	78.696	ng	0.00
79) Terphenyl-d14	20.174	244	796000	80.097	ng	0.00

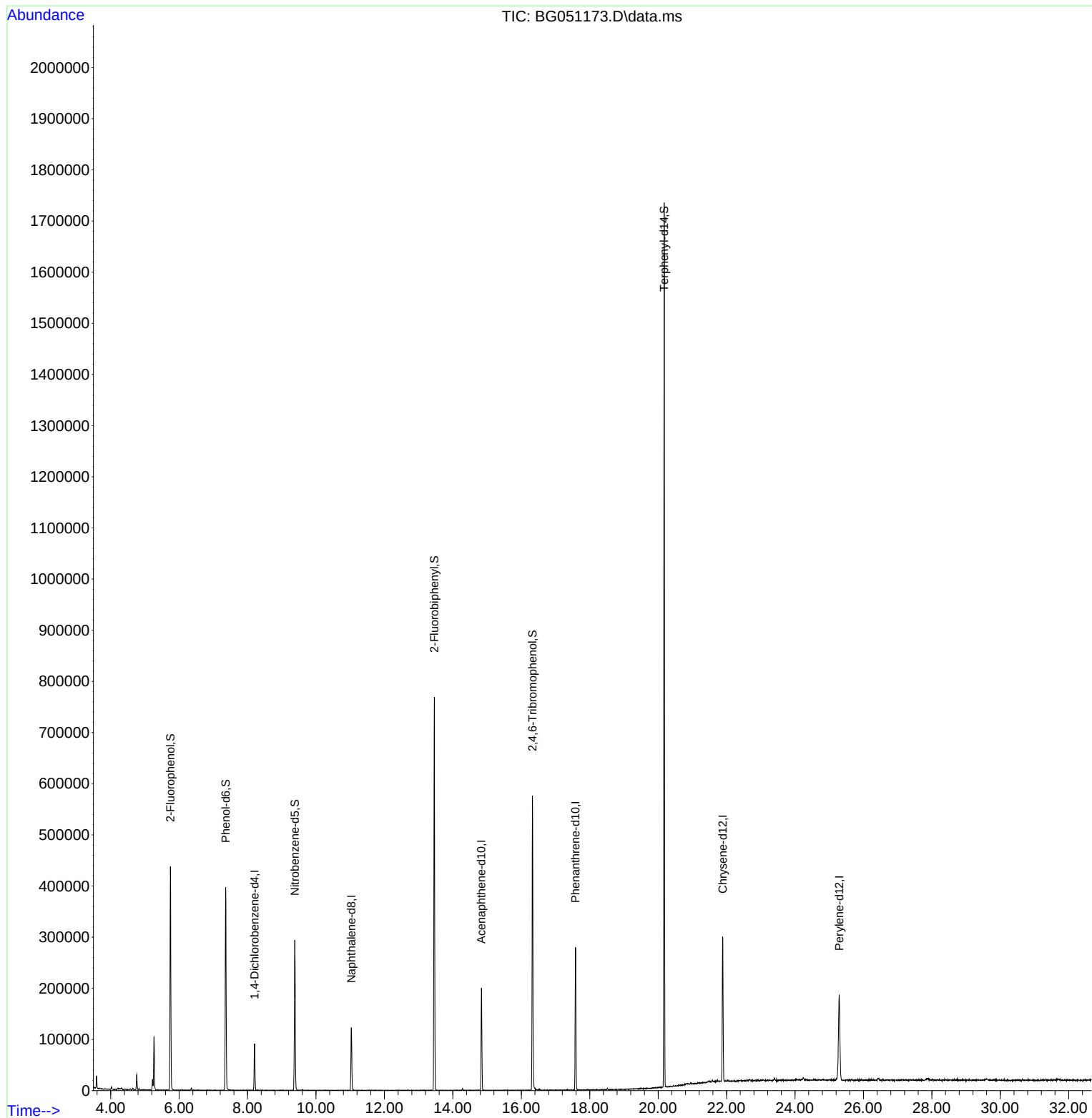
Target Compounds	Qvalue

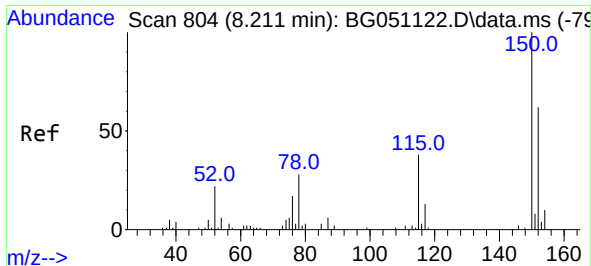
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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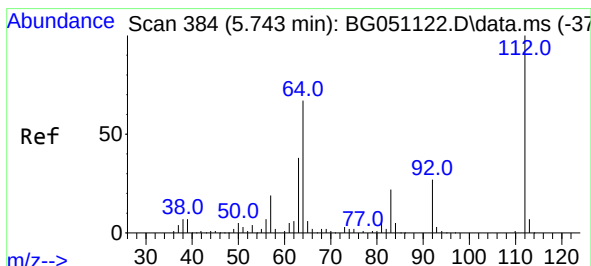
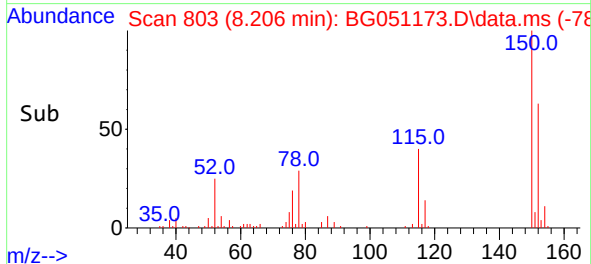
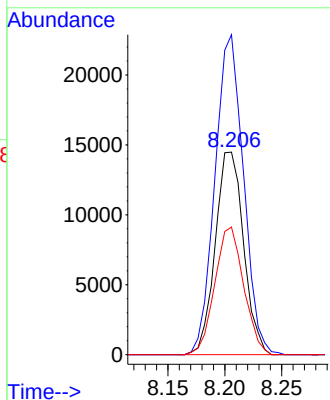
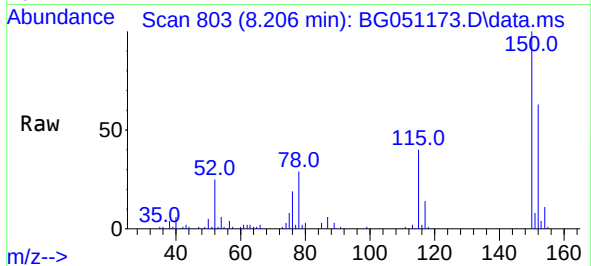




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

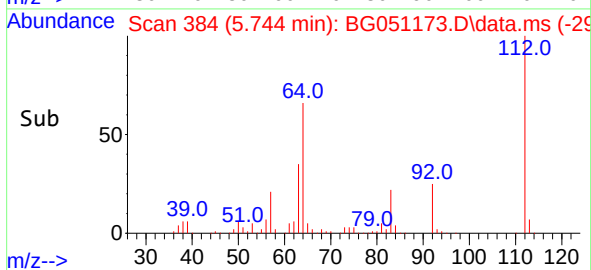
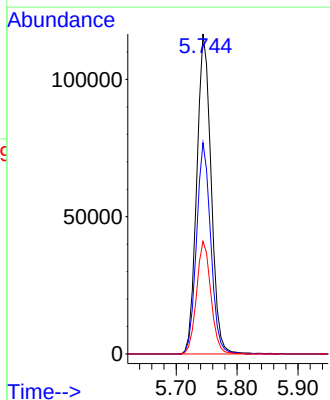
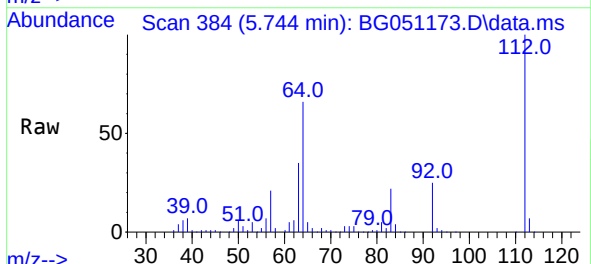
Instrument :
BNA_G
ClientSampleId :
CC-1

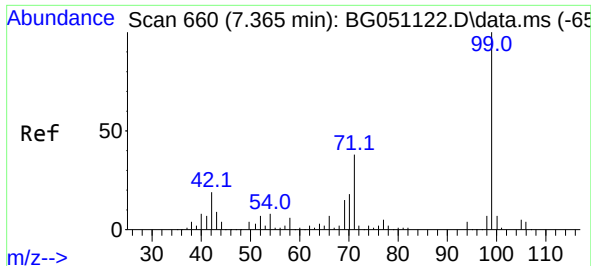
Tgt Ion:152 Resp: 25104
Ion Ratio Lower Upper
152 100
150 157.9 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 117.459 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:112 Resp: 190749
Ion Ratio Lower Upper
112 100
64 66.0 46.7 70.1
63 35.2 35.3 52.9#

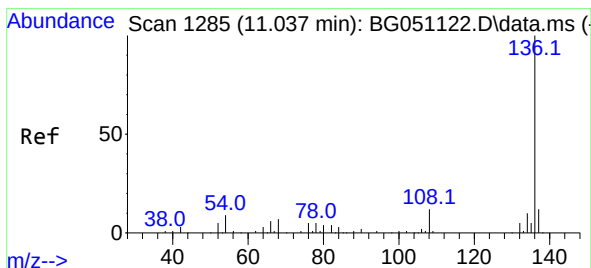
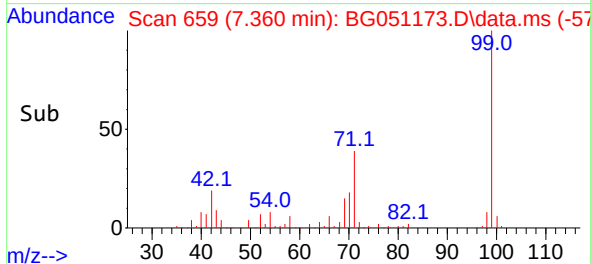
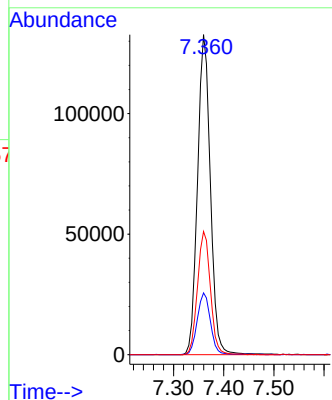
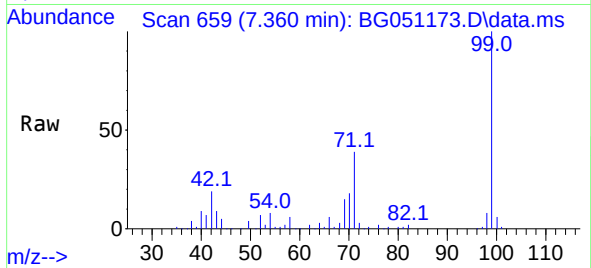




#7
Phenol-d6
Concen: 103.122 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

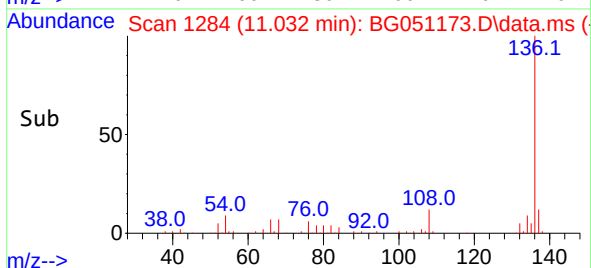
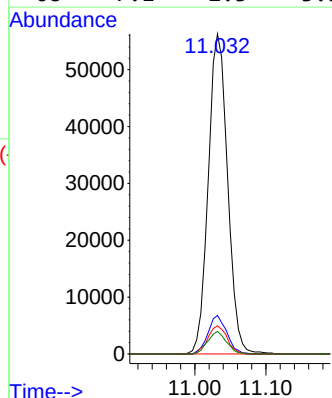
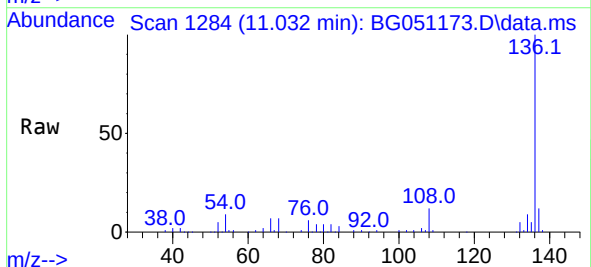
Instrument :
BNA_G
ClientSampleId :
CC-1

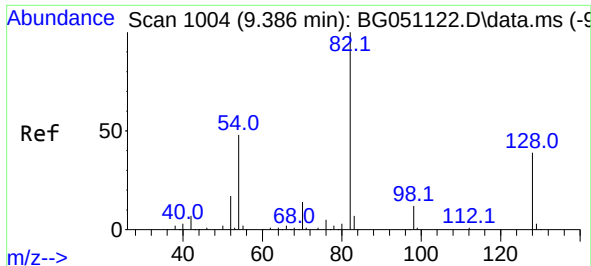
Tgt Ion: 99 Resp: 235869
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.5 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion: 136 Resp: 106397
Ion Ratio Lower Upper
136 100
137 12.0 8.2 12.2
54 8.8 5.5 8.3#
68 7.1 2.3 3.5#

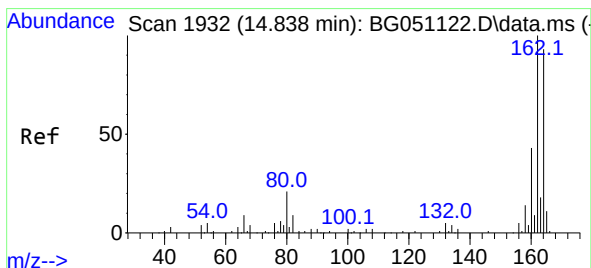
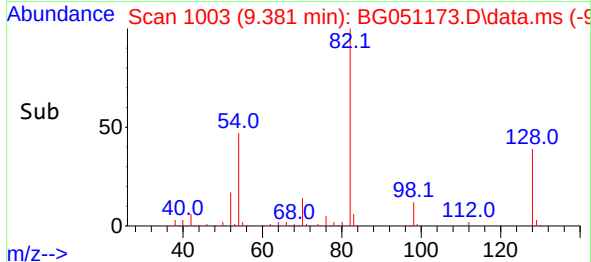
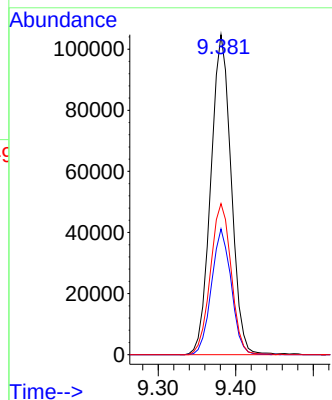
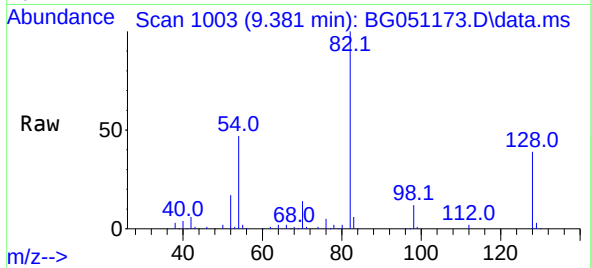




#23
Nitrobenzene-d5
Concen: 82.056 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

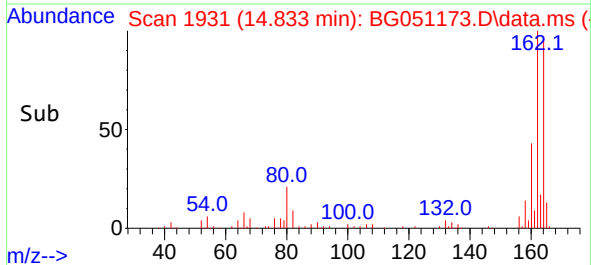
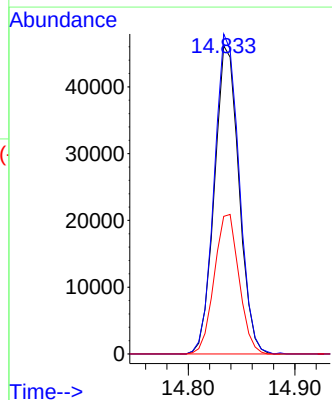
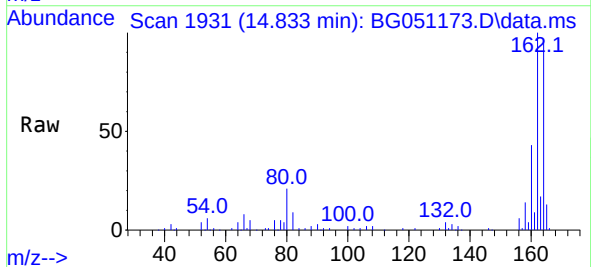
Instrument :
BNA_G
ClientSampleId :
CC-1

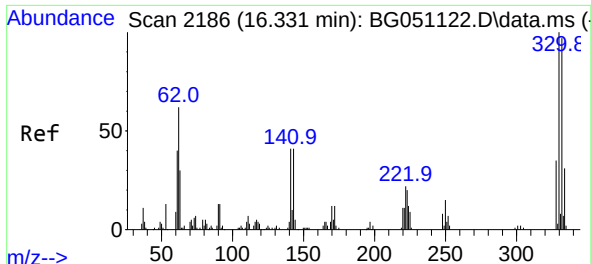
Tgt Ion: 82 Resp: 191255
Ion Ratio Lower Upper
82 100
128 39.3 29.8 44.6
54 47.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:164 Resp: 73687
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 44.7 34.9 52.3

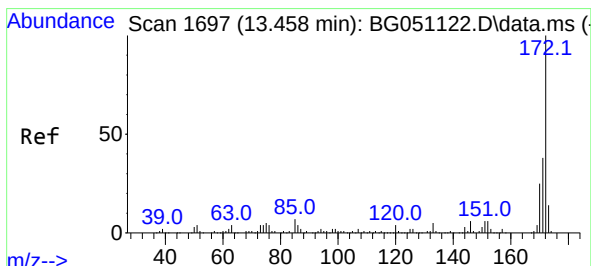
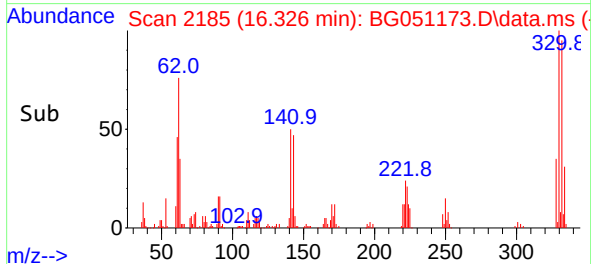
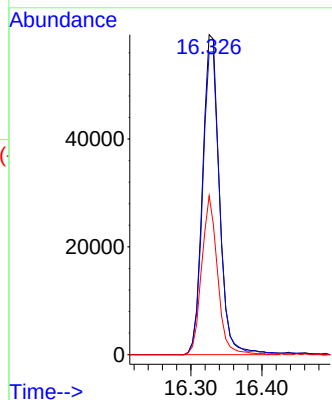
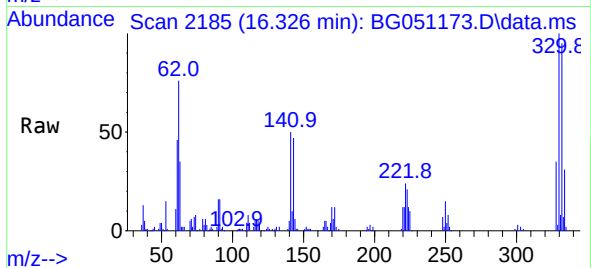




#42
2,4,6-Tribromophenol
Concen: 125.292 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

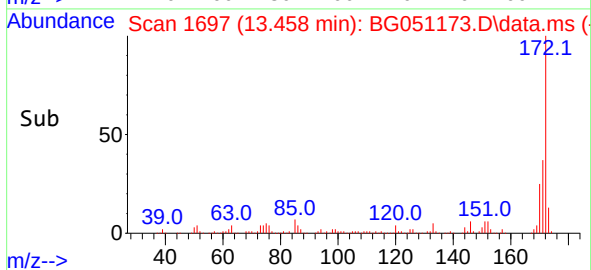
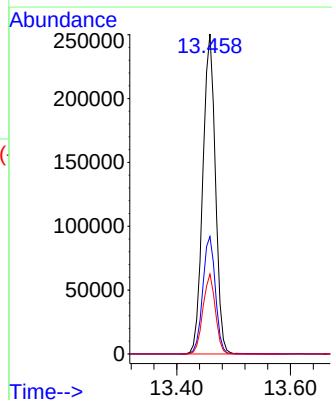
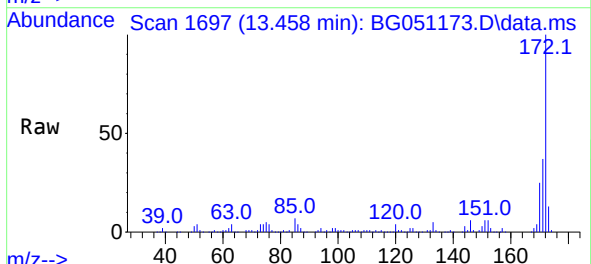
Instrument :
BNA_G
ClientSampleId :
CC-1

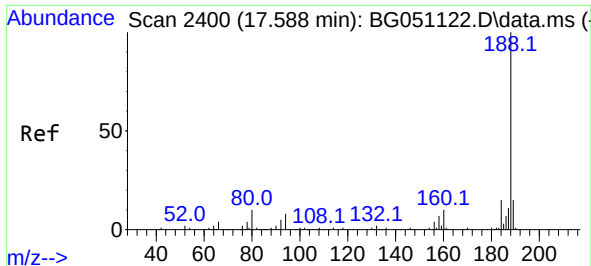
Tgt Ion:330 Resp: 98128
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 46.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 78.696 ng
RT: 13.458 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:172 Resp: 384294
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.9 18.6 27.8

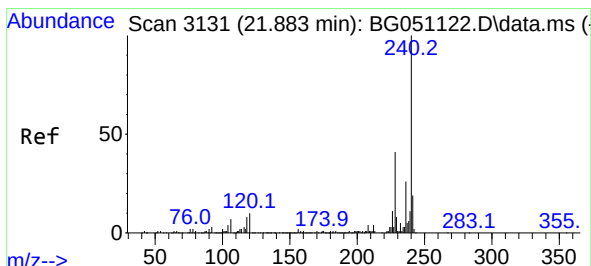
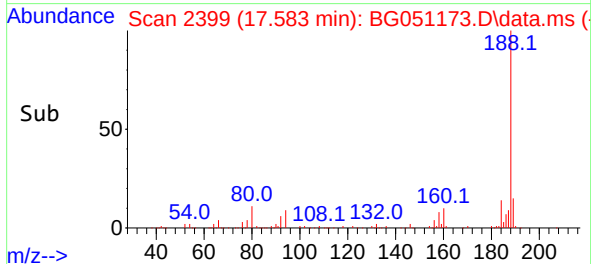
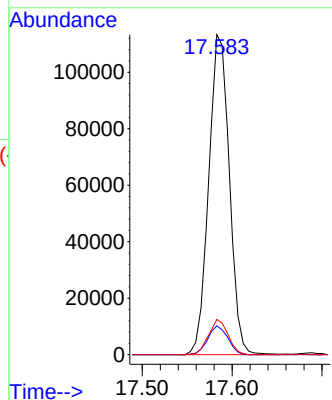
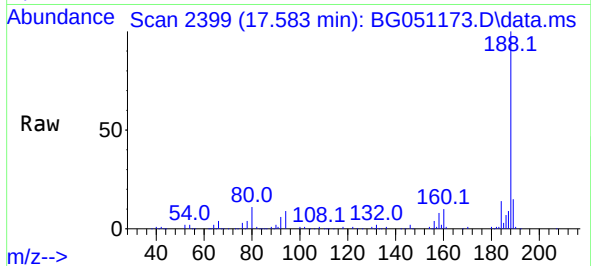




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

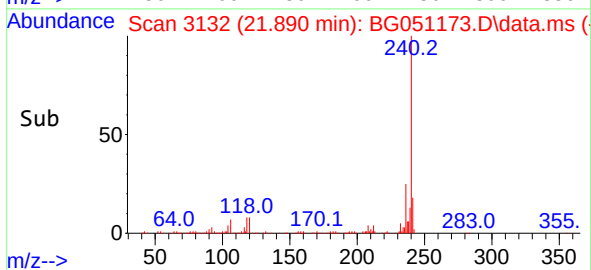
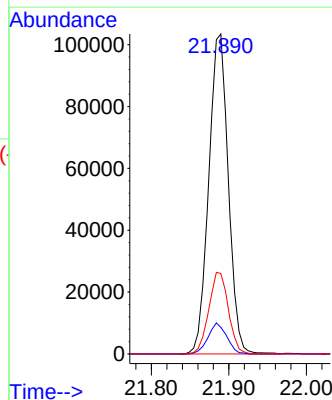
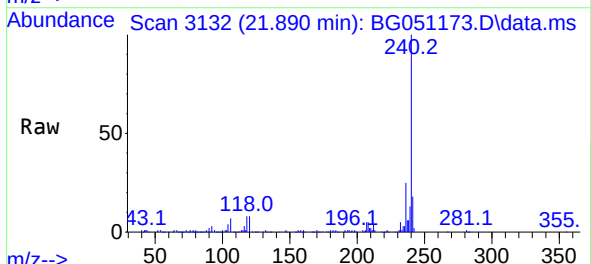
Instrument :
BNA_G
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CC-1

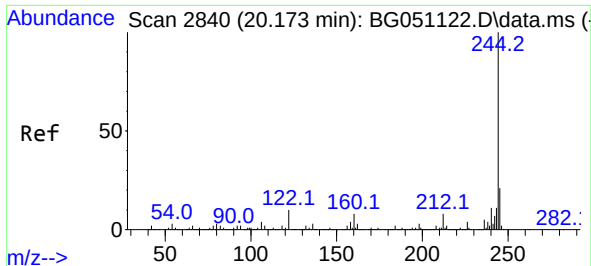
Tgt Ion:188 Resp: 180673
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 11.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3132
Delta R.T. 0.007 min
Lab File: BG051173.D
Acq: 22 Nov 2021 16:51

Tgt Ion:240 Resp: 181675
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 25.2 21.8 32.6

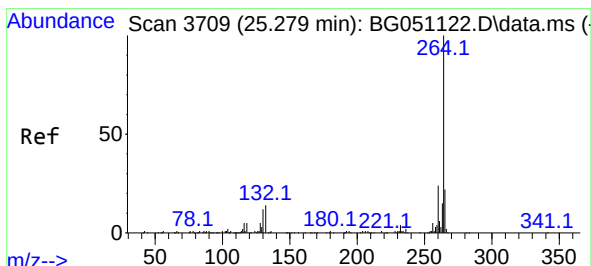
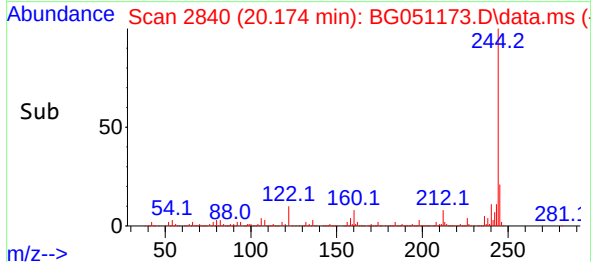
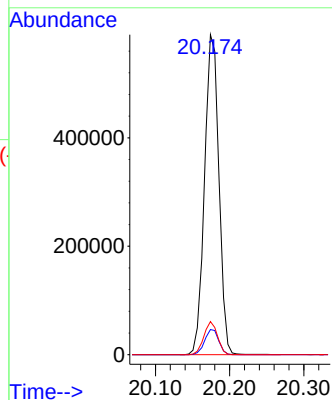
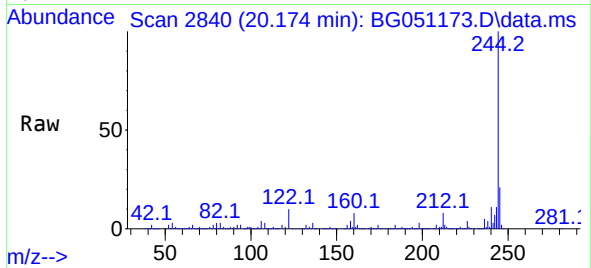




#79
 Terphenyl-d14
 Concen: 80.097 ng
 RT: 20.174 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051173.D
 Acq: 22 Nov 2021 16:51

Instrument :
 BNA_G
 ClientSampleId :
 CC-1

Tgt Ion:244 Resp: 796000
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 10.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 3711
 Delta R.T. 0.012 min
 Lab File: BG051173.D
 Acq: 22 Nov 2021 16:51

Tgt Ion:264 Resp: 177254
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.5 16.9 25.3

