

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051161.D
 Acq On : 21 Nov 2021 00:05
 Operator : CG/JU
 Sample : M4758-27
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP14

Quant Time: Nov 22 01:28:09 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	24501	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	102825	20.000	ng	# 0.00
39) Acenaphthene-d10	14.830	164	68881	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	158293	20.000	ng	# 0.00
76) Chrysene-d12	21.881	240	162198	20.000	ng	# 0.00
86) Perylene-d12	25.277	264	157580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	178546	112.650	ng	0.00
7) Phenol-d6	7.357	99	236989	106.162	ng	0.00
23) Nitrobenzene-d5	9.378	82	166687	74.000	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	78918	107.794	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	312650	68.492	ng	0.00
79) Terphenyl-d14	20.171	244	547409	61.697	ng	0.00

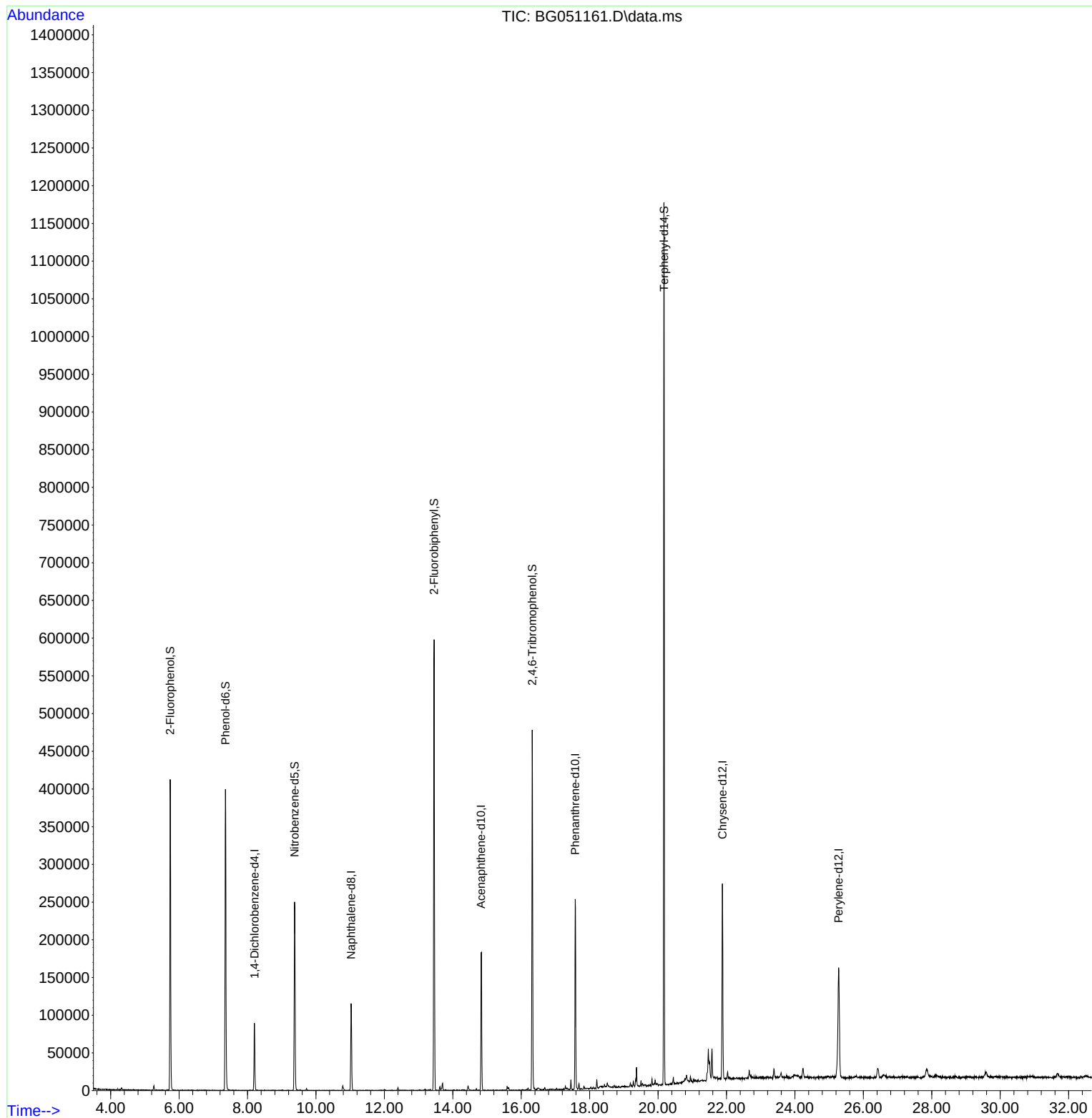
Target Compounds	Qvalue

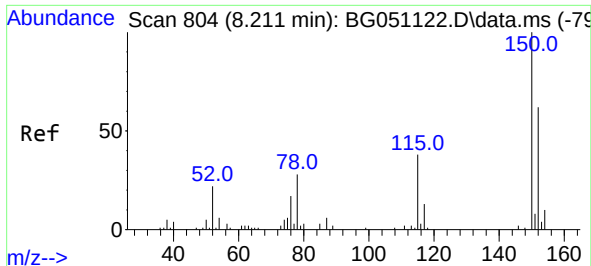
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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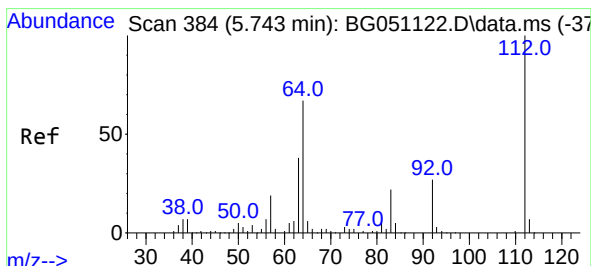
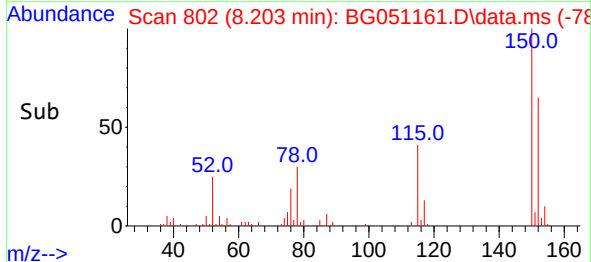
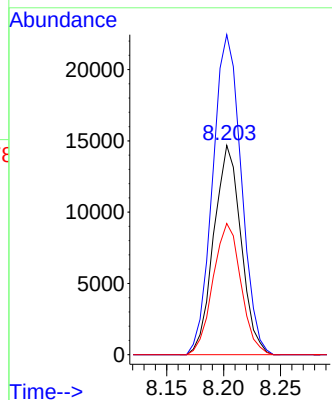
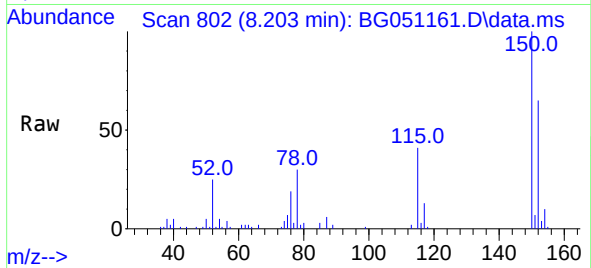




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 804
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

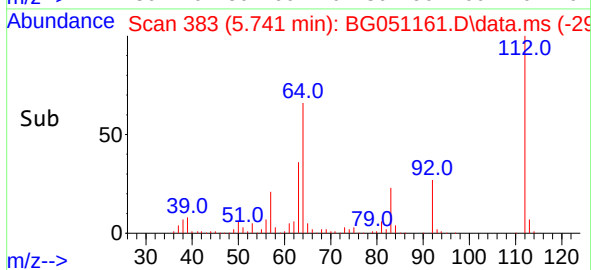
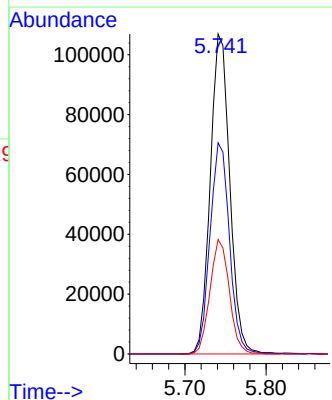
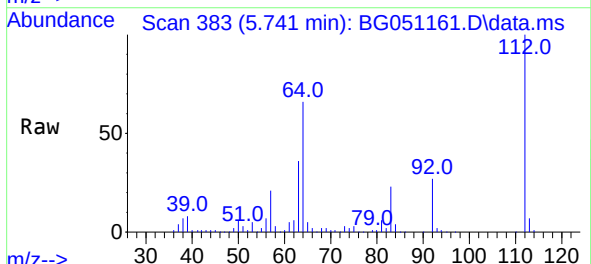
Instrument :
BNA_G
ClientSampleId :
TP14

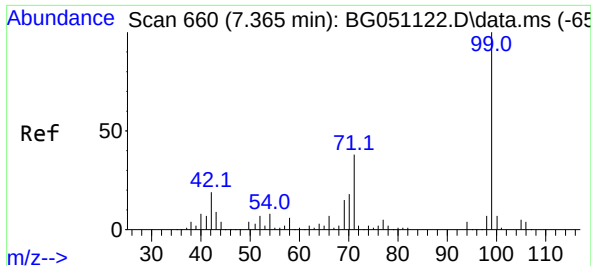
Tgt Ion:152 Resp: 24501
Ion Ratio Lower Upper
152 100
150 152.9 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 112.650 ng
RT: 5.741 min Scan# 383
Delta R.T. -0.002 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:112 Resp: 178546
Ion Ratio Lower Upper
112 100
64 66.0 46.7 70.1
63 35.7 35.3 52.9

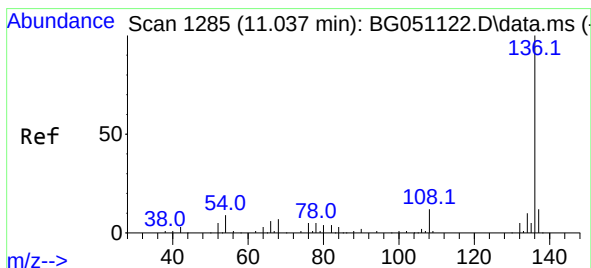
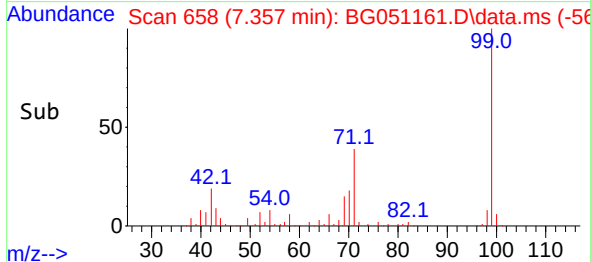
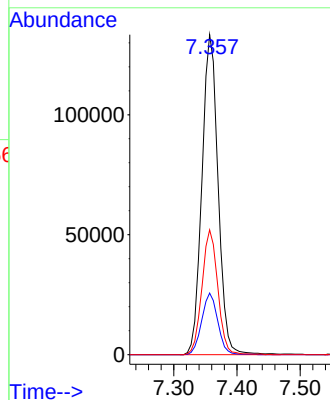
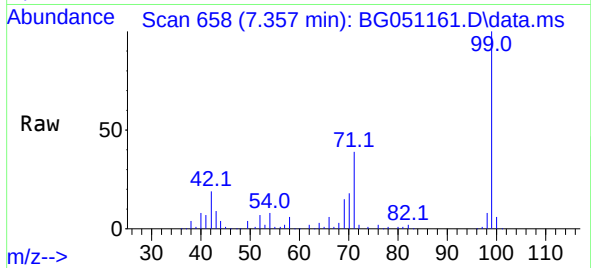




#7
Phenol-d6
Concen: 106.162 ng
RT: 7.357 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

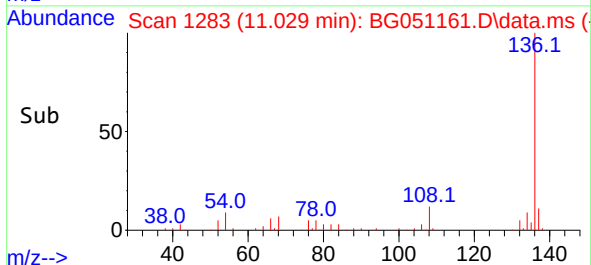
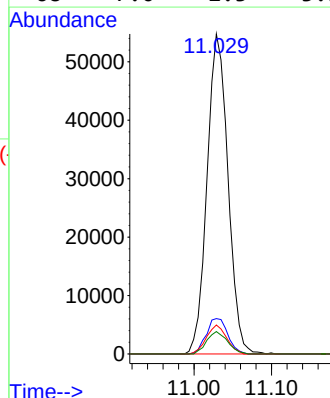
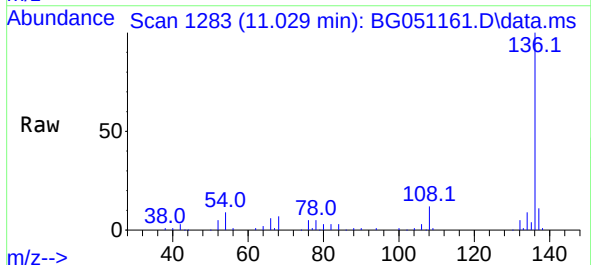
Instrument :
BNA_G
ClientSampleId :
TP14

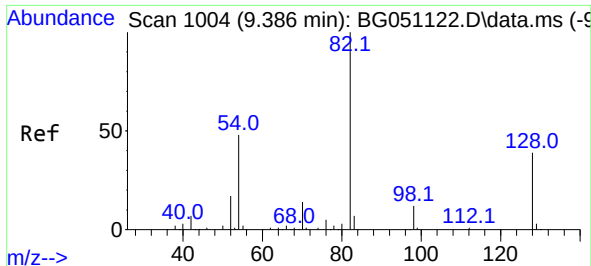
Tgt Ion: 99 Resp: 236989
Ion Ratio Lower Upper
99 100
42 19.2 20.5 30.7#
71 39.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:136 Resp: 102825
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 9.0 5.5 8.3#
68 7.0 2.3 3.5#

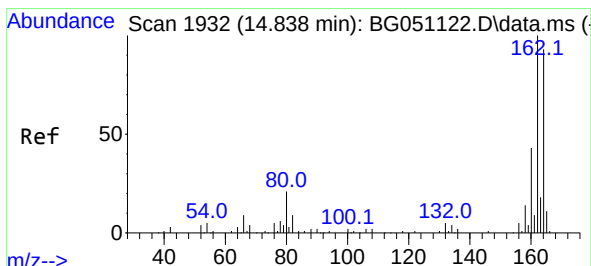
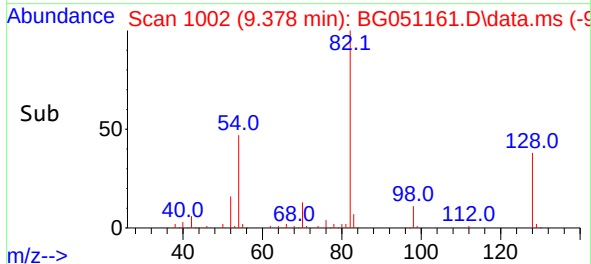
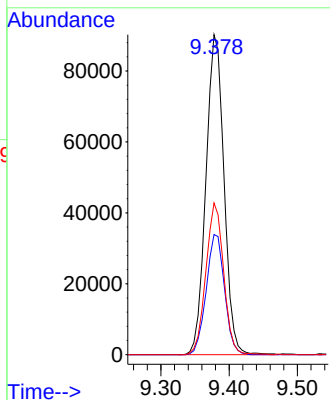
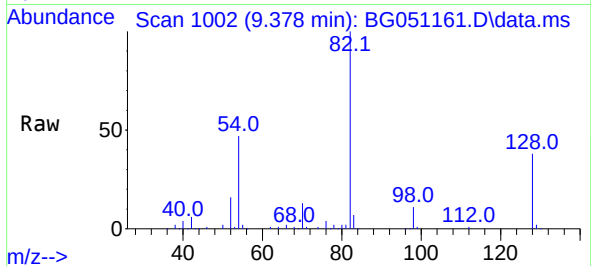




#23
Nitrobenzene-d5
Concen: 74.000 ng
RT: 9.378 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

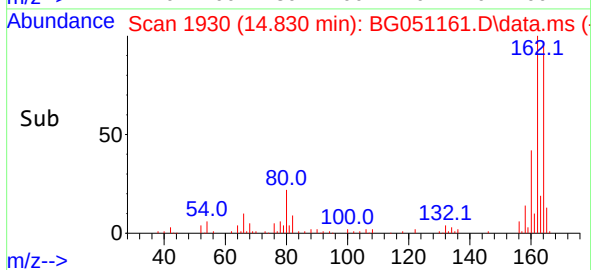
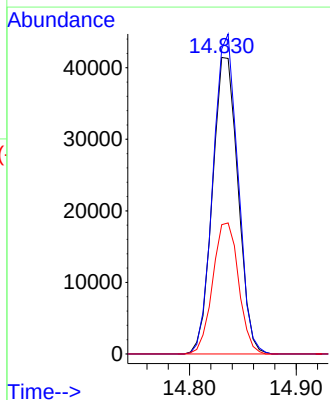
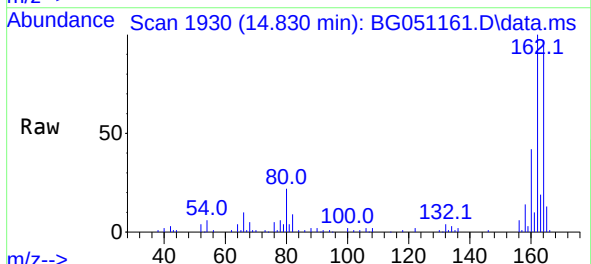
Instrument :
BNA_G
ClientSampleId :
TP14

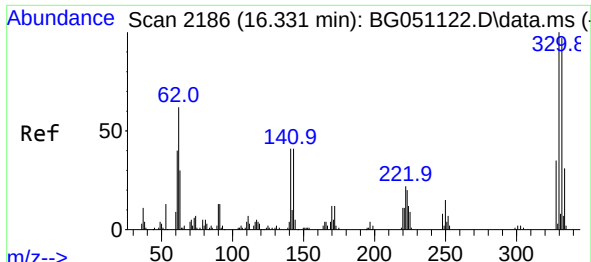
Tgt Ion: 82 Resp: 166687
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 47.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:164 Resp: 68881
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 43.6 34.9 52.3

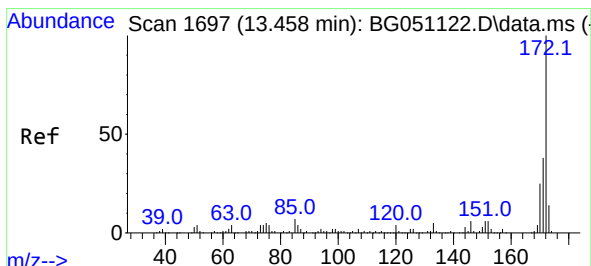
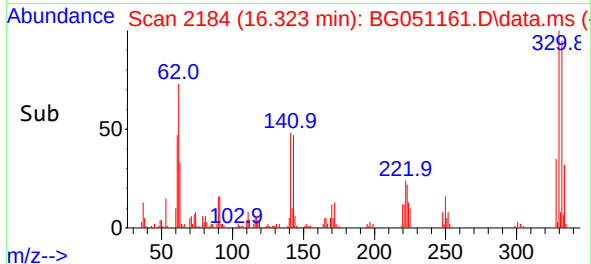
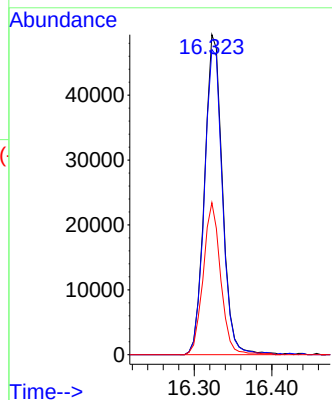
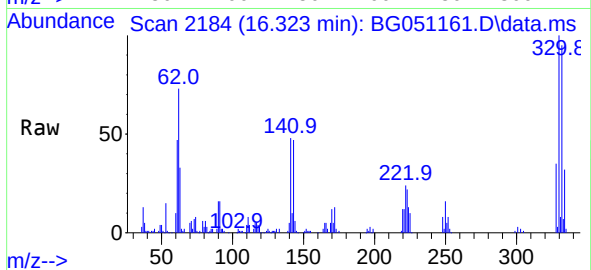




#42
2,4,6-Tribromophenol
Concen: 107.794 ng
RT: 16.323 min Scan# 2186
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

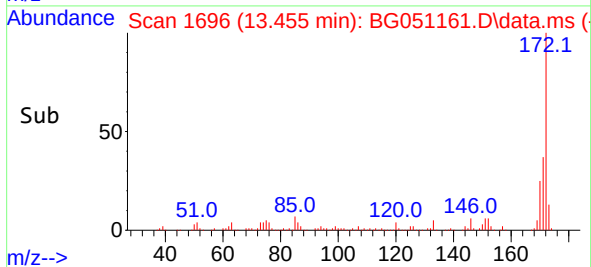
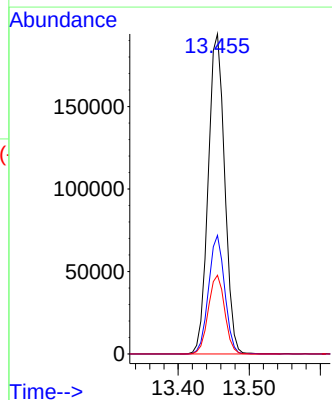
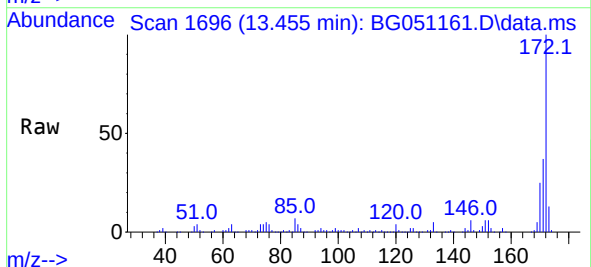
Instrument :
BNA_G
ClientSampleId :
TP14

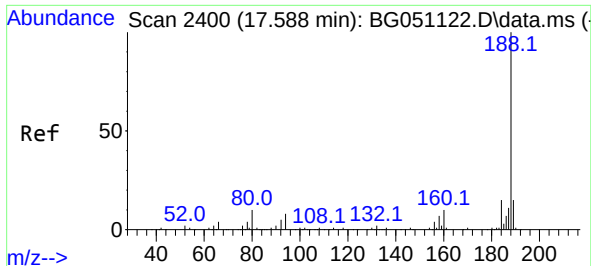
Tgt Ion:330 Resp: 78918
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 46.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.492 ng
RT: 13.455 min Scan# 1696
Delta R.T. -0.002 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:172 Resp: 312650
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.6 18.6 27.8

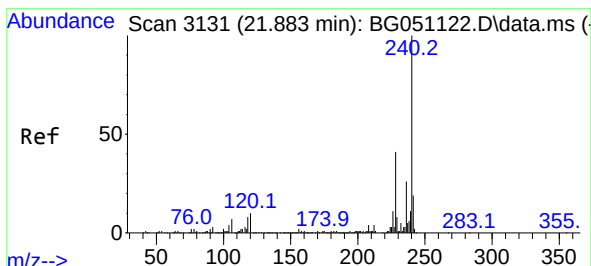
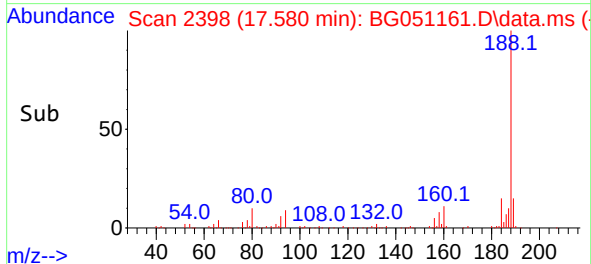
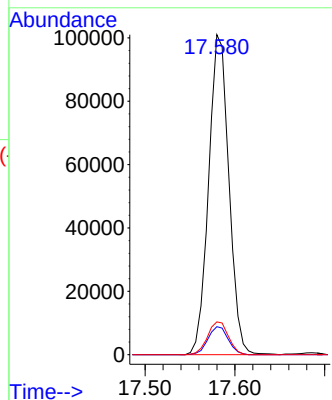
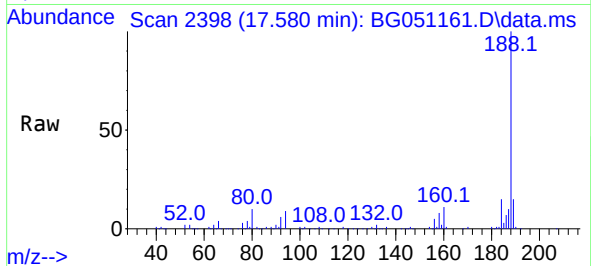




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

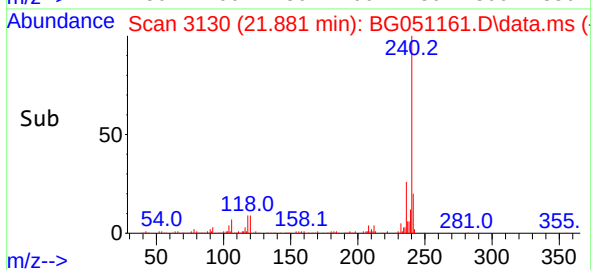
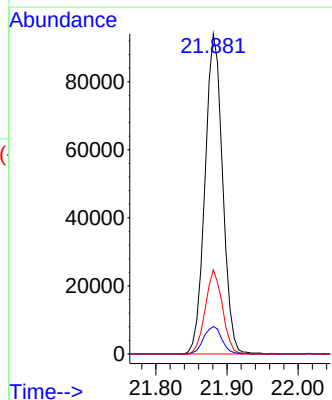
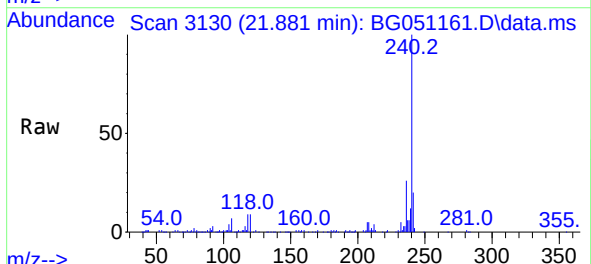
Instrument :
BNA_G
ClientSampleId :
TP14

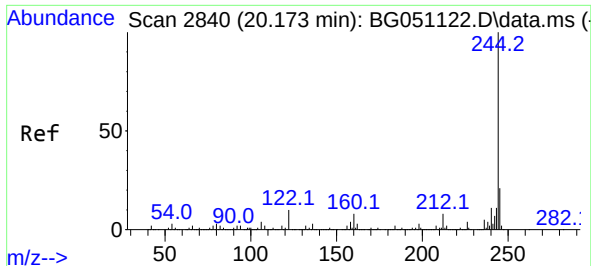
Tgt Ion:188 Resp: 158293
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3130
Delta R.T. -0.002 min
Lab File: BG051161.D
Acq: 21 Nov 2021 00:05

Tgt Ion:240 Resp: 162198
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 26.3 21.8 32.6

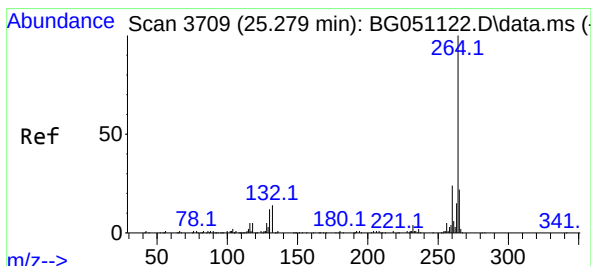
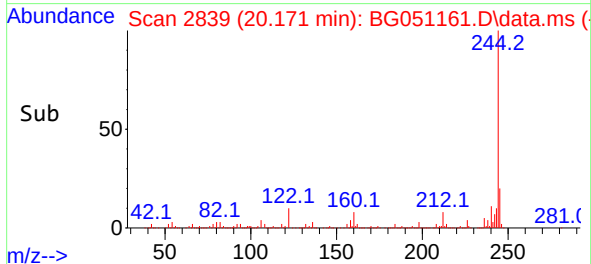
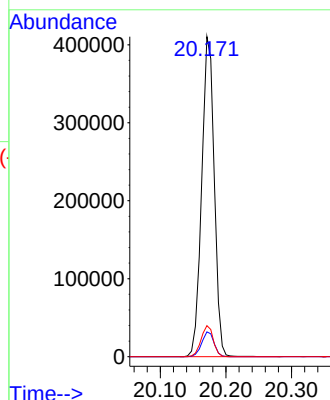
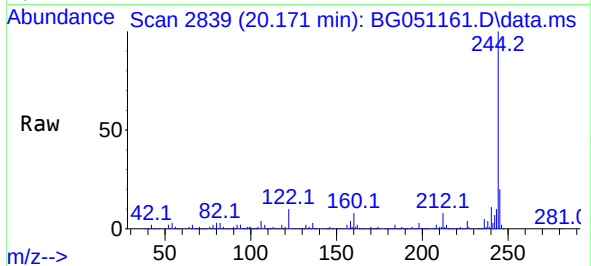




#79
 Terphenyl-d14
 Concen: 61.697 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG051161.D
 Acq: 21 Nov 2021 00:05

Instrument :
 BNA_G
 ClientSampleId :
 TP14

Tgt Ion:244 Resp: 547409
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 9.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.277 min Scan# 3708
 Delta R.T. -0.002 min
 Lab File: BG051161.D
 Acq: 21 Nov 2021 00:05

Tgt Ion:264 Resp: 157580
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 20.8 16.9 25.3

