

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053463.D
 Acq On : 5 May 2022 23:09
 Operator : CG/JU
 Sample : N2677-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,7

Quant Time: May 06 03:48:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22723	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	90921	20.000	ng	#-0.01
39) Acenaphthene-d10	14.711	164	68890	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	178698	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	202174	20.000	ng	0.00
86) Perylene-d12	25.015	264	203136	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	148000	110.538	ng	0.00
7) Phenol-d6	7.250	99	219459	108.002	ng	0.00
23) Nitrobenzene-d5	9.248	82	156543	73.292	ng	-0.01
42) 2,4,6-Tribromophenol	16.203	330	108905	107.185	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	345495	73.286	ng	0.00
79) Terphenyl-d14	20.062	244	774055	71.308	ng	0.00

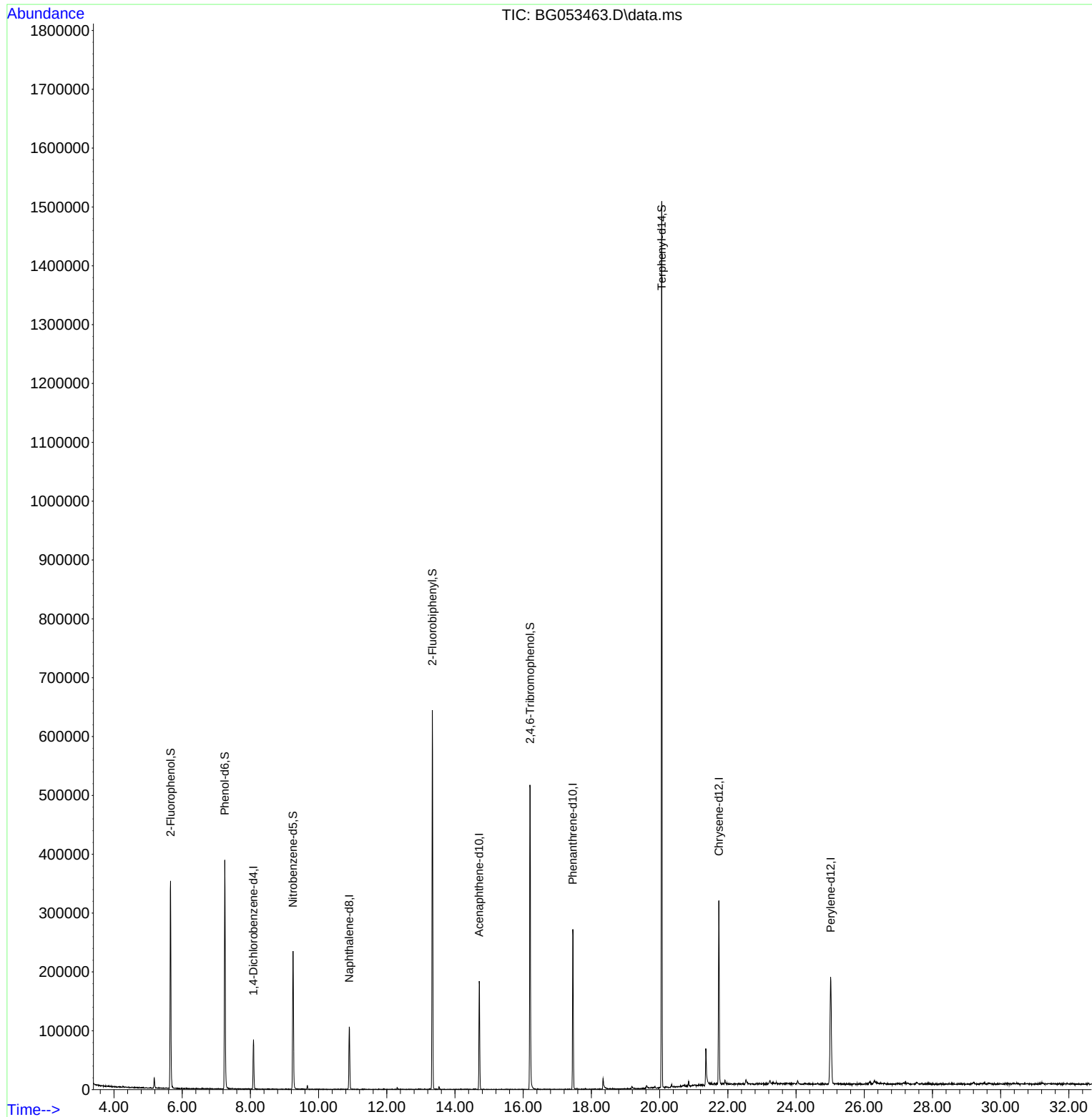
Target Compounds	Qvalue

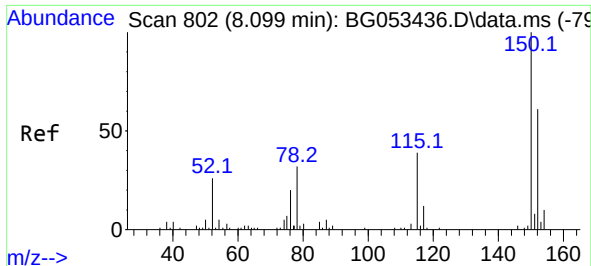
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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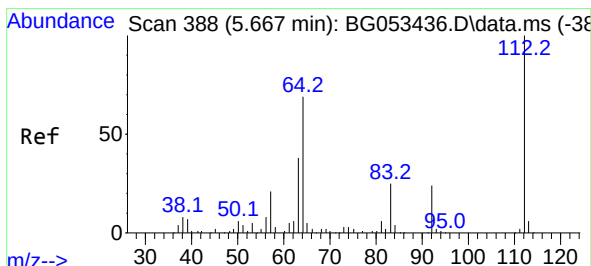
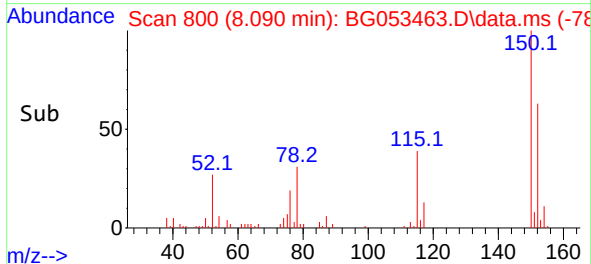
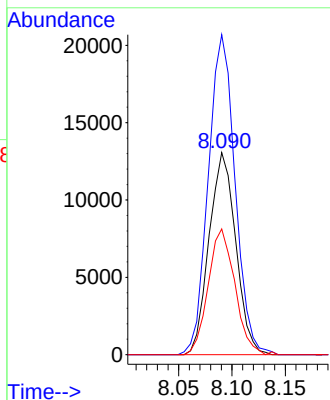
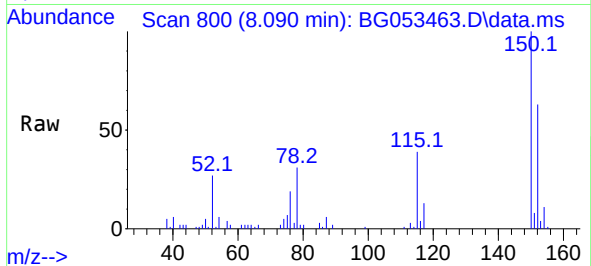




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

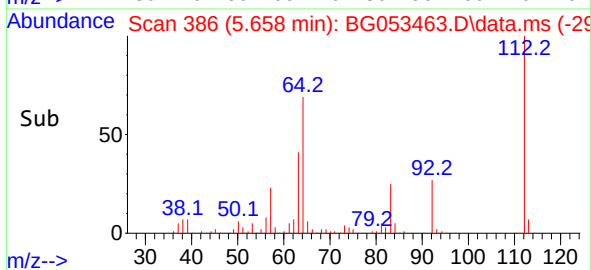
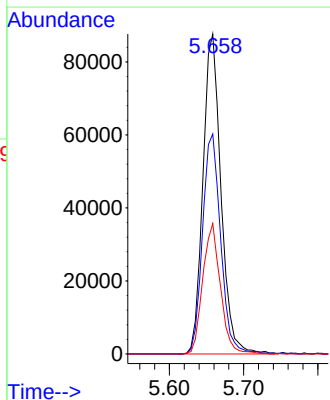
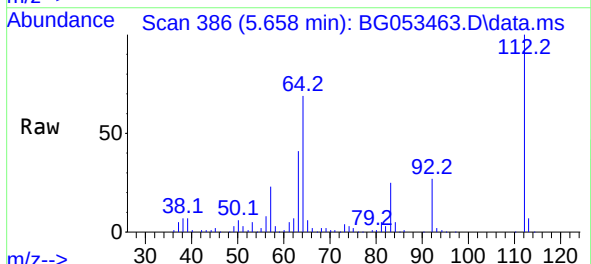
Instrument :
BNA_G
ClientSampleId :
SB-6,7

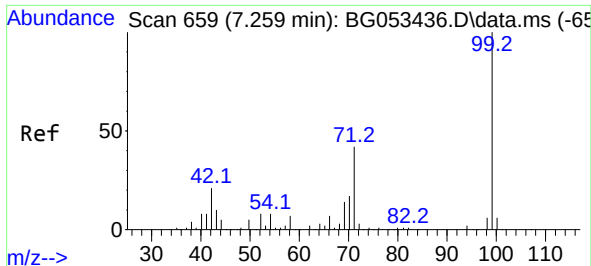
Tgt Ion:152 Resp: 22723
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 62.3 50.9 76.3



#5
2-Fluorophenol
Concen: 110.538 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:112 Resp: 148000
Ion Ratio Lower Upper
112 100
64 68.7 55.1 82.7
63 40.7 30.4 45.6

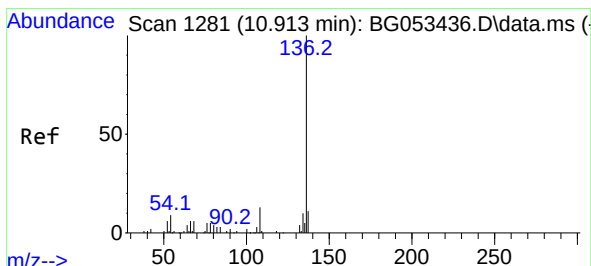
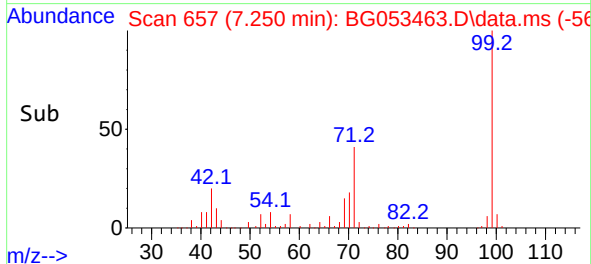
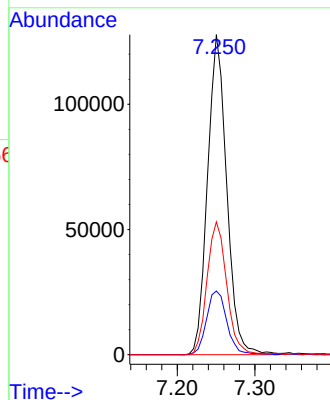
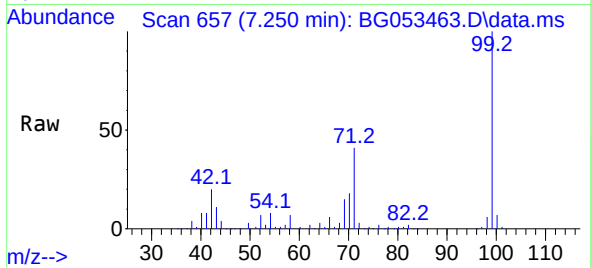




#7
Phenol-d6
Concen: 108.002 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

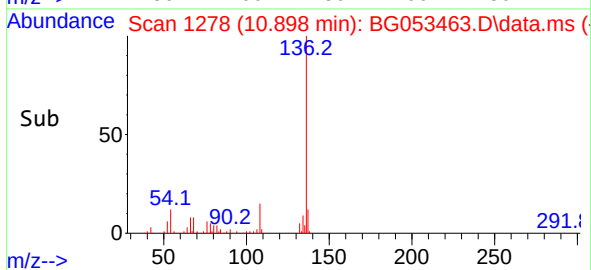
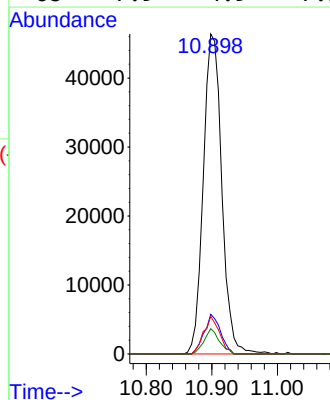
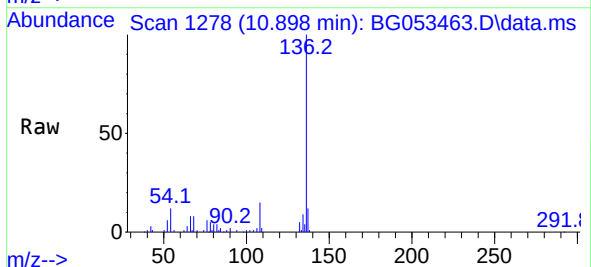
Instrument :
BNA_G
ClientSampleId :
SB-6,7

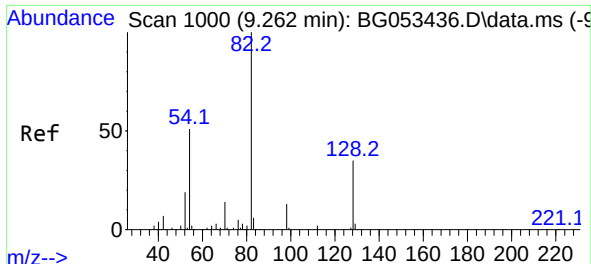
Tgt Ion: 99 Resp: 219459
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 41.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.015 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:136 Resp: 90921
Ion Ratio Lower Upper
136 100
137 12.4 8.5 12.7
54 11.8 7.4 11.2#
68 7.9 4.9 7.3#

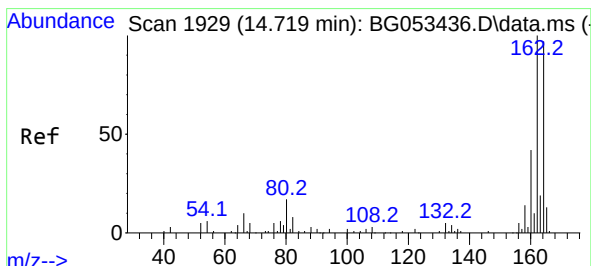
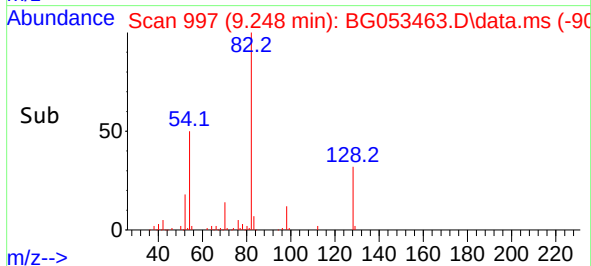
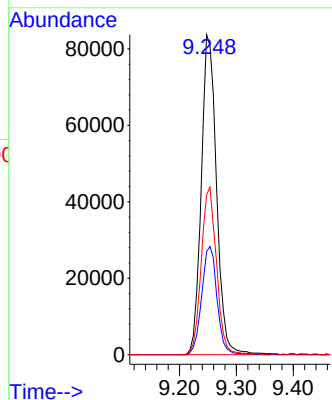
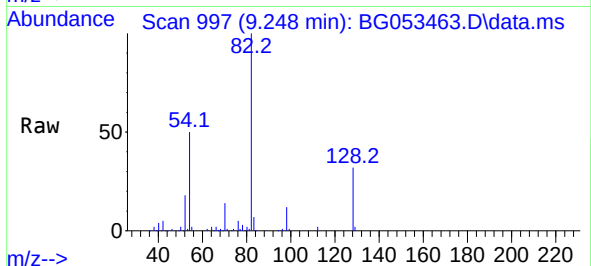




#23
Nitrobenzene-d5
Concen: 73.292 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

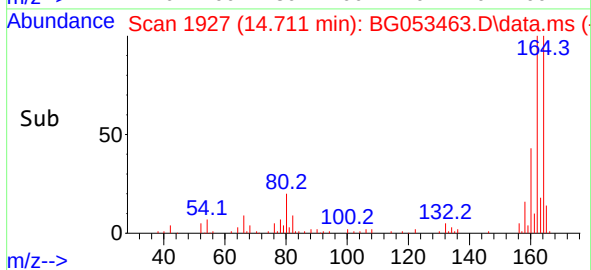
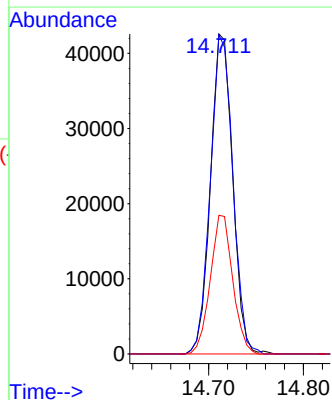
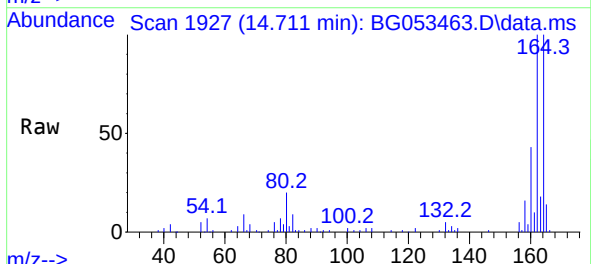
Instrument :
BNA_G
ClientSampleId :
SB-6,7

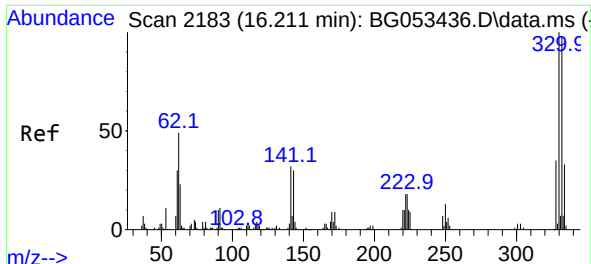
Tgt Ion: 82 Resp: 156543
Ion Ratio Lower Upper
82 100
128 32.2 27.9 41.9
54 50.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion: 164 Resp: 68890
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 43.3 34.2 51.2

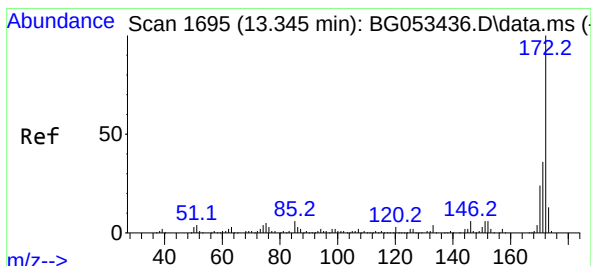
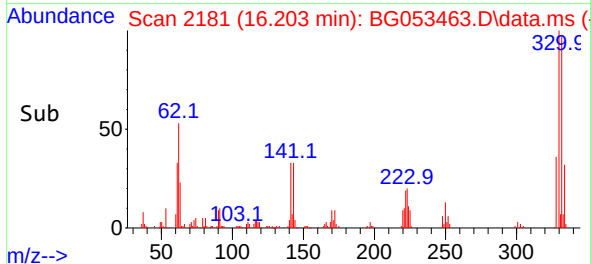
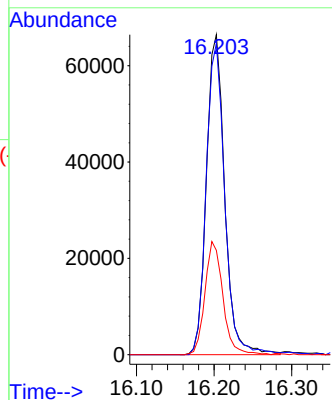
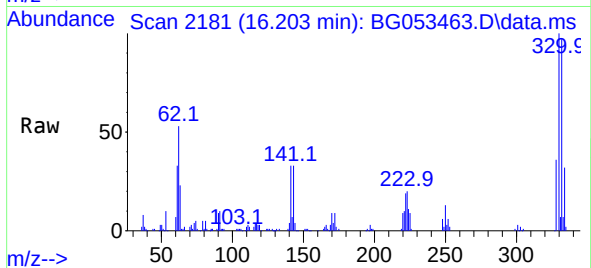




#42
2,4,6-Tribromophenol
Concen: 107.185 ng
RT: 16.203 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

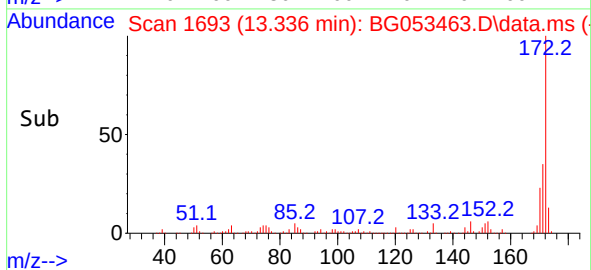
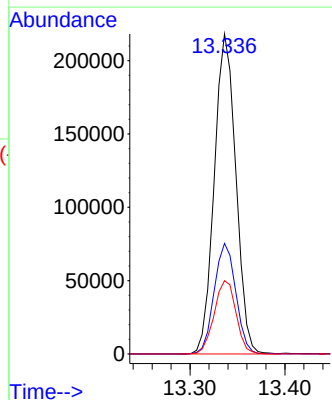
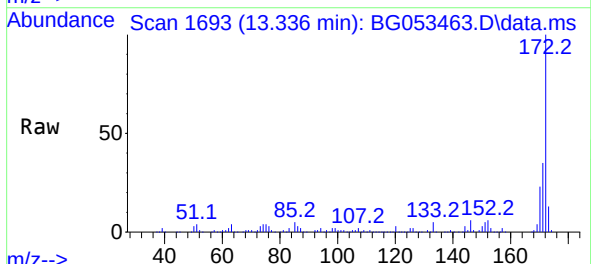
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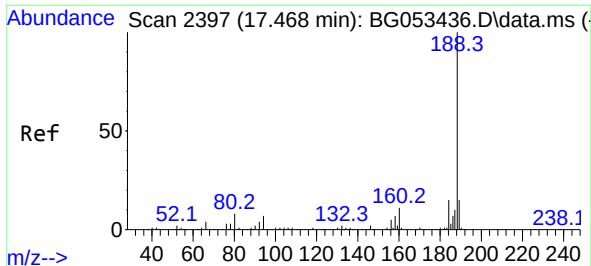
Tgt Ion:330 Resp: 108905
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 34.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 73.286 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:172 Resp: 345495
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.9 18.9 28.3

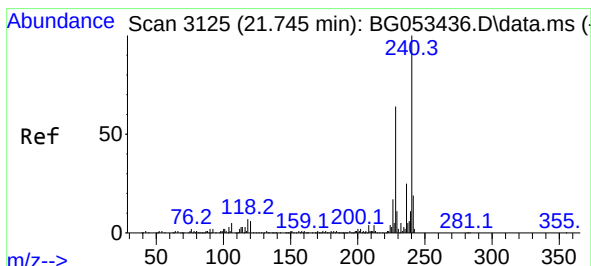
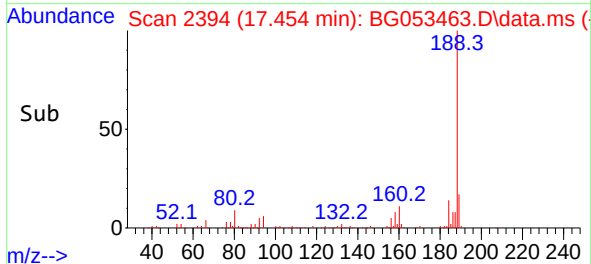
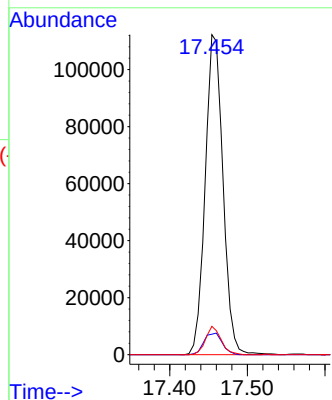
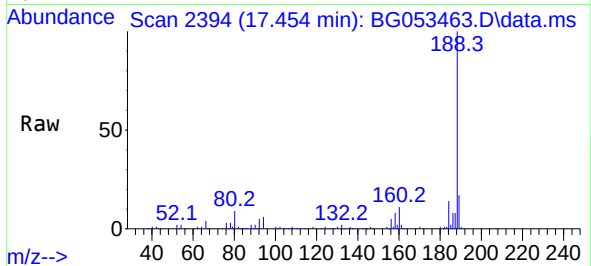




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

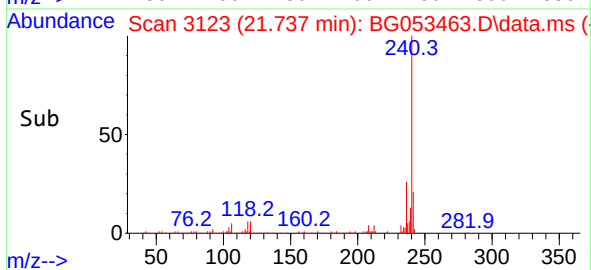
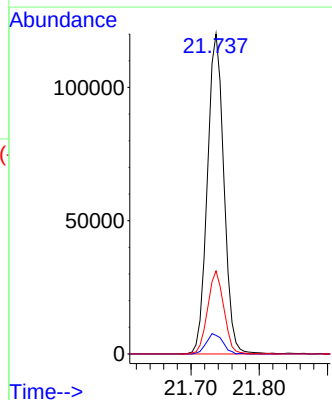
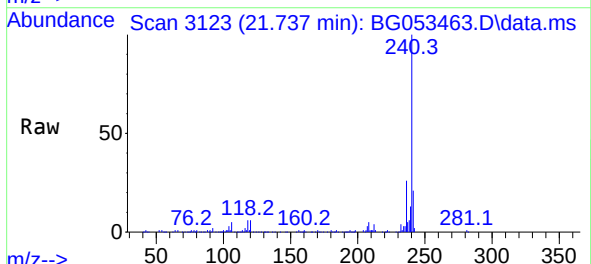
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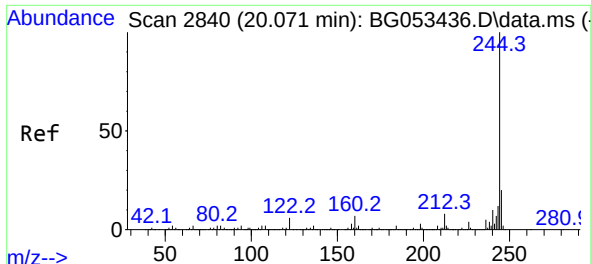
Tgt Ion:188 Resp: 178698
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:240 Resp: 202174
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.9 20.2 30.4

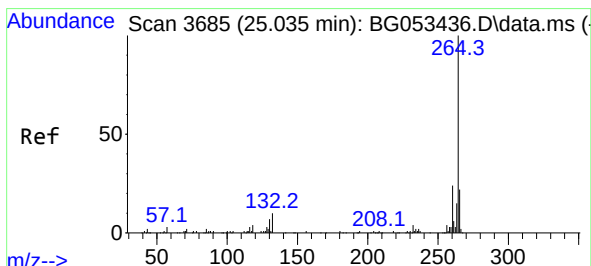
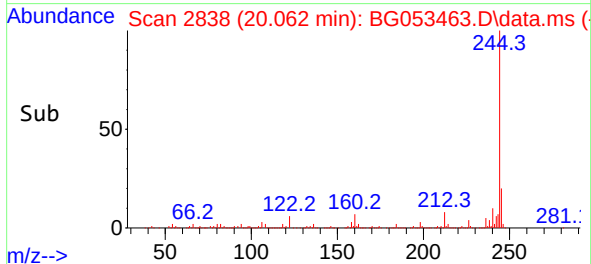
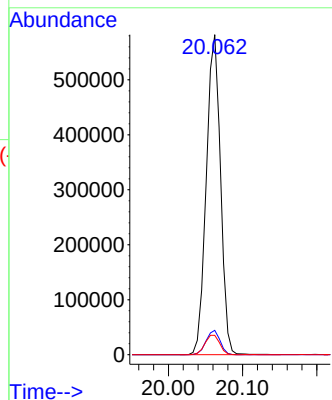
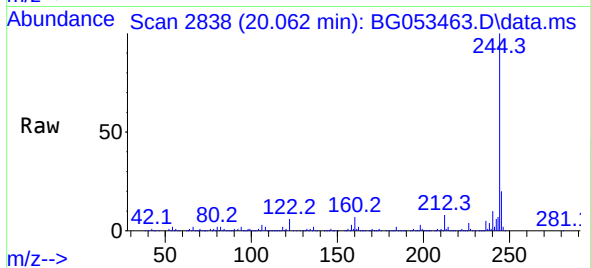




#79
 Terphenyl-d14
 Concen: 71.308 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053463.D
 Acq: 5 May 2022 23:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,7

Tgt Ion:244 Resp: 774055
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.020 min
 Lab File: BG053463.D
 Acq: 5 May 2022 23:09

Tgt Ion:264 Resp: 203136
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 20.2 17.4 26.2

