

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053460.D
 Acq On : 5 May 2022 21:12
 Operator : CG/JU
 Sample : N2677-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2,13

Quant Time: May 06 03:48:23 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	8.092	152	22155	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	86170	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	65225	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	168829	20.000	ng	-0.01
76) Chrysene-d12	21.738	240	196125	20.000	ng	0.00
86) Perylene-d12	25.016	264	200653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	196656	150.644	ng	-0.01
7) Phenol-d6	7.252	99	285124	143.915	ng	0.00
23) Nitrobenzene-d5	9.249	82	207764	102.636	ng	-0.01
42) 2,4,6-Tribromophenol	16.205	330	144940	150.666	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	440614	98.714	ng	0.00
79) Terphenyl-d14	20.064	244	969690	92.085	ng	0.00

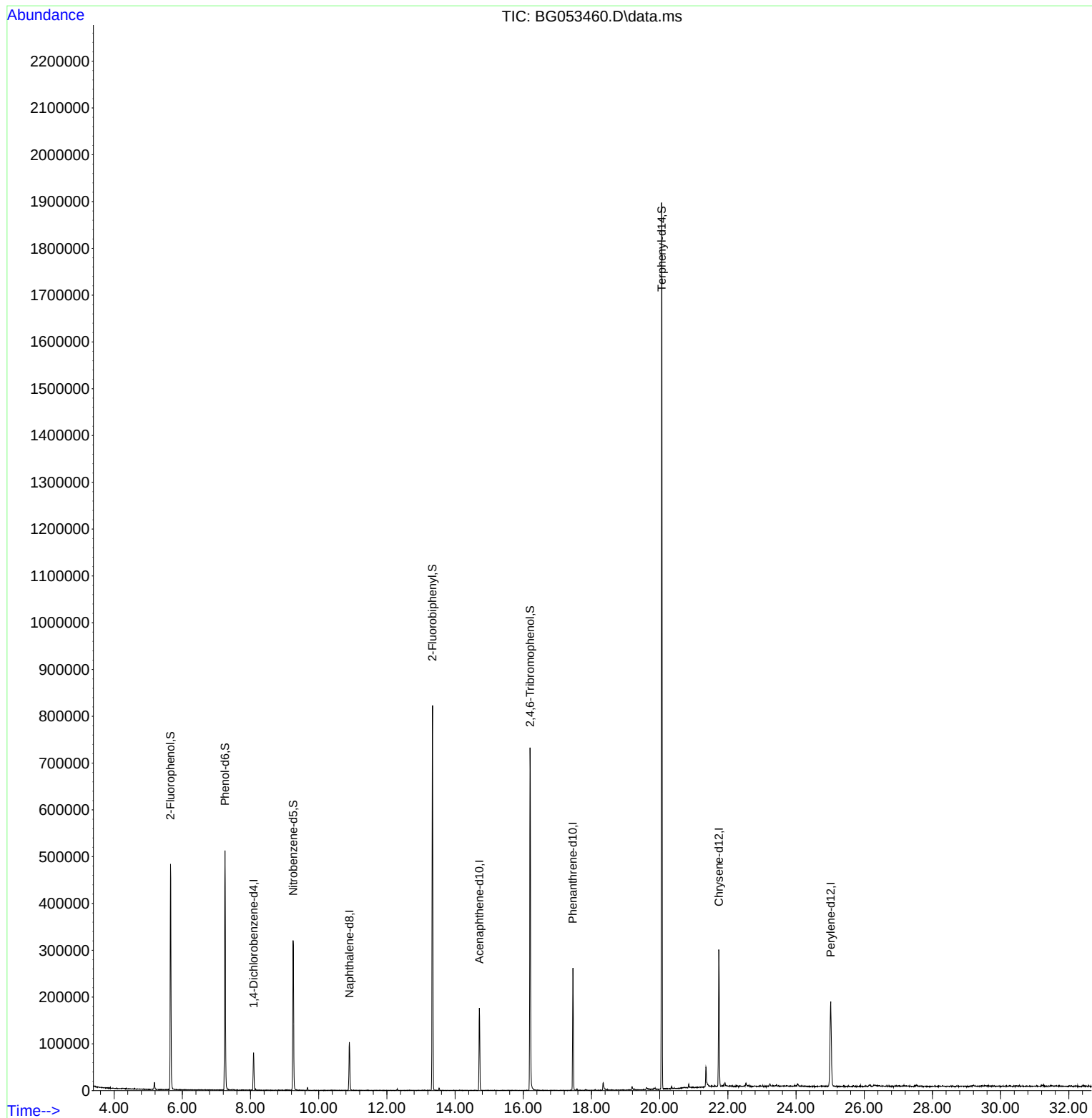
Target Compounds	Qvalue

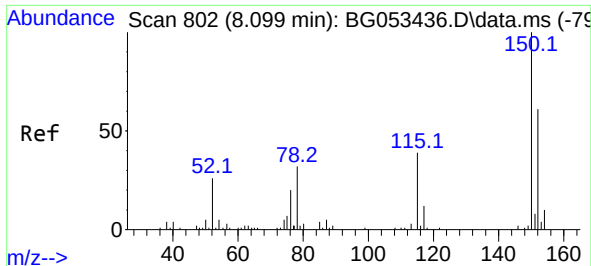
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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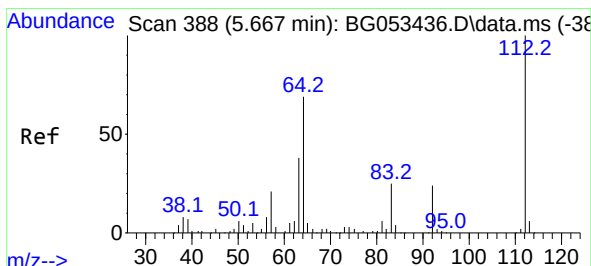
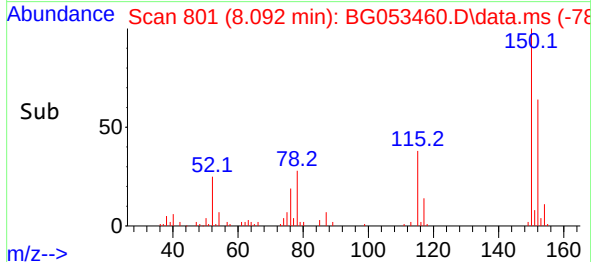
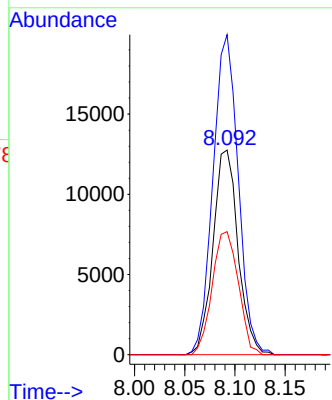
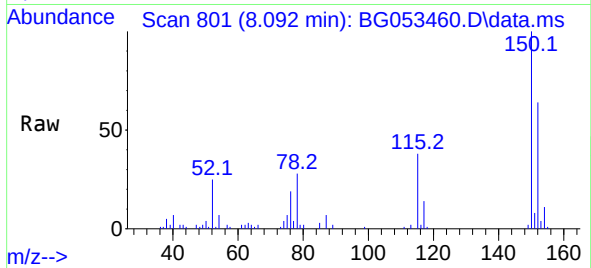




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

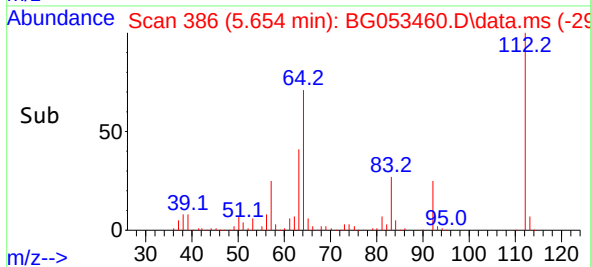
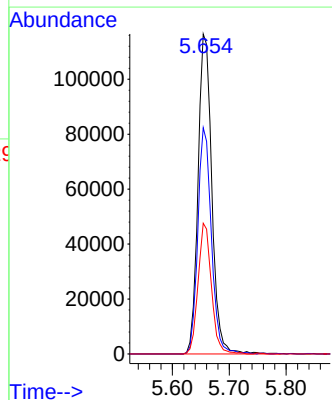
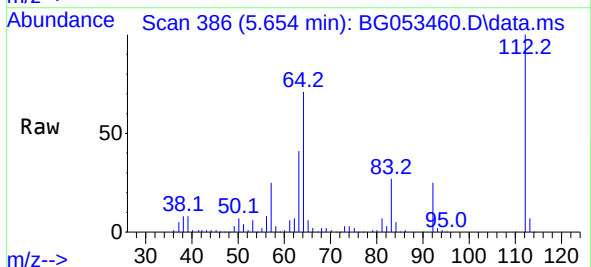
Instrument :
BNA_G
ClientSampleId :
SB-2,13

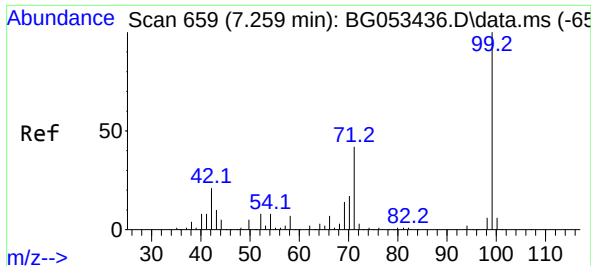
Tgt Ion:152 Resp: 22155
Ion Ratio Lower Upper
152 100
150 156.4 131.6 197.4
115 60.1 50.9 76.3



#5
2-Fluorophenol
Concen: 150.644 ng
RT: 5.654 min Scan# 386
Delta R.T. -0.013 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

Tgt Ion:112 Resp: 196656
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 40.8 30.4 45.6

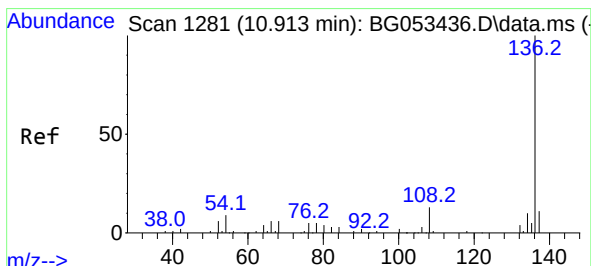
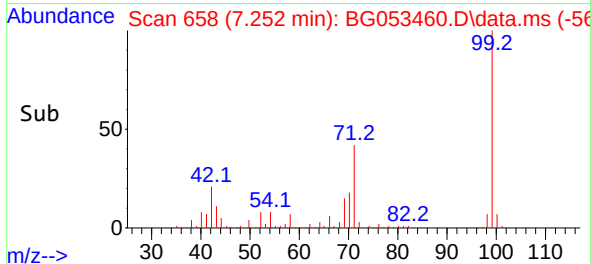
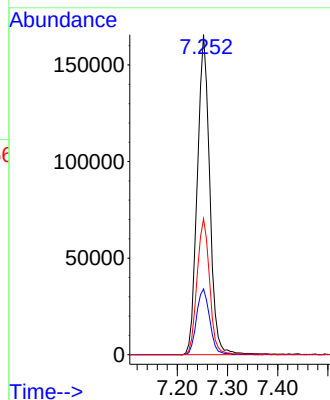
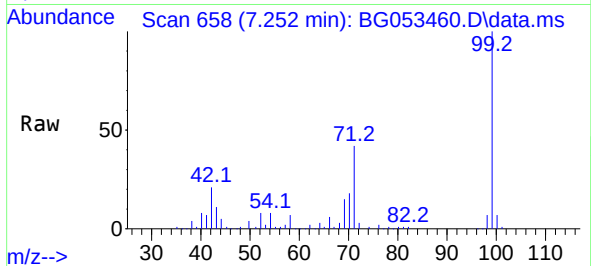




#7
Phenol-d6
Concen: 143.915 ng
RT: 7.252 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

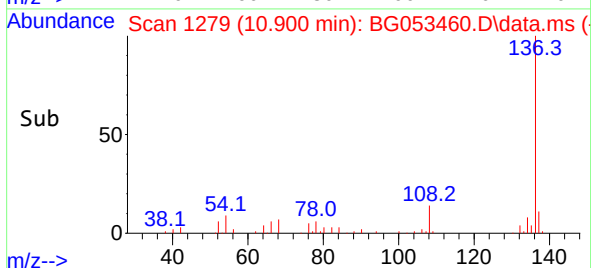
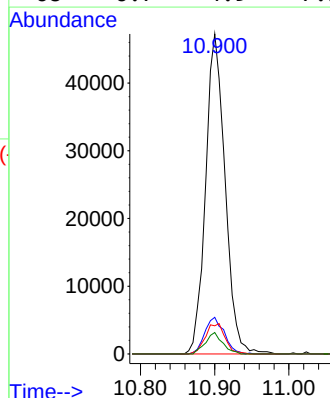
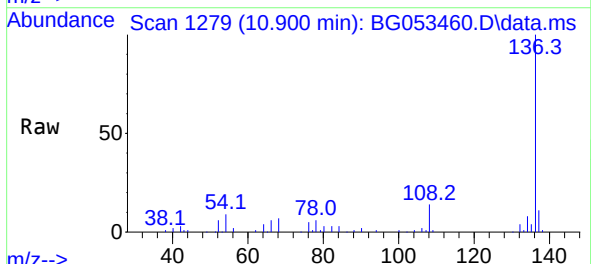
Instrument :
BNA_G
ClientSampleId :
SB-2,13

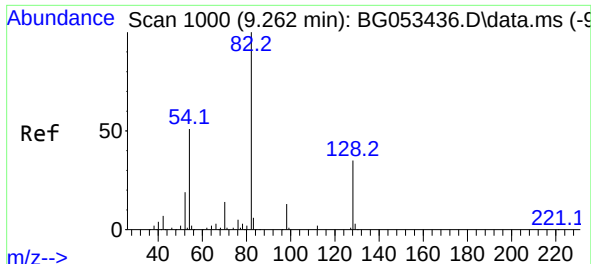
Tgt Ion: 99 Resp: 285124
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 42.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.900 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

Tgt Ion:136 Resp: 86170
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 8.8 7.4 11.2
68 6.7 4.9 7.3

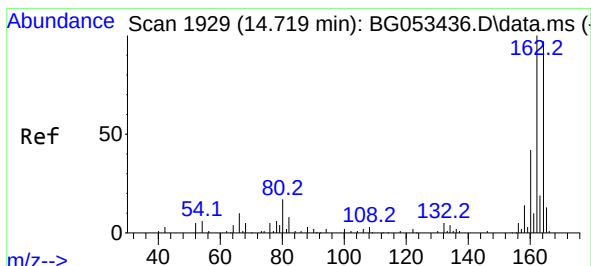
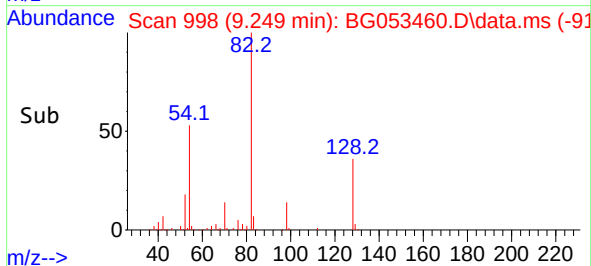
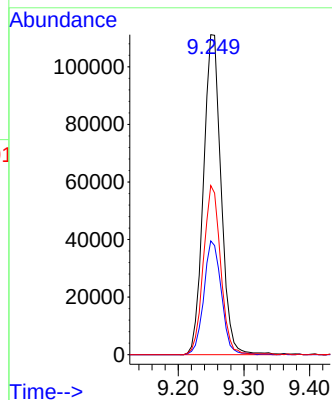
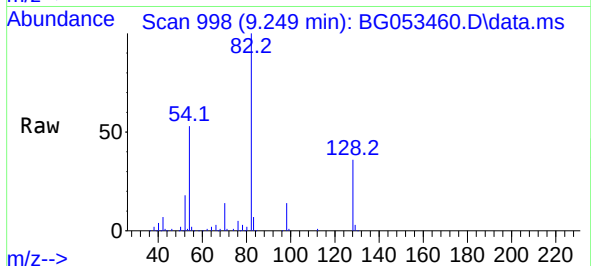




#23
Nitrobenzene-d5
Concen: 102.636 ng
RT: 9.249 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

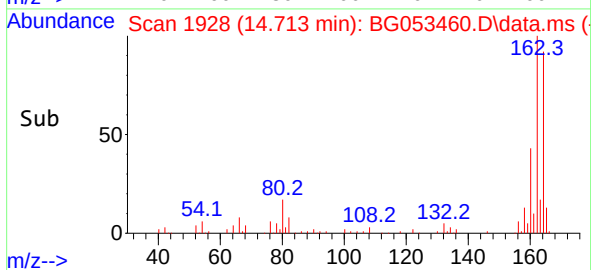
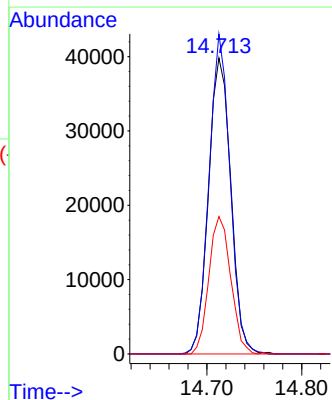
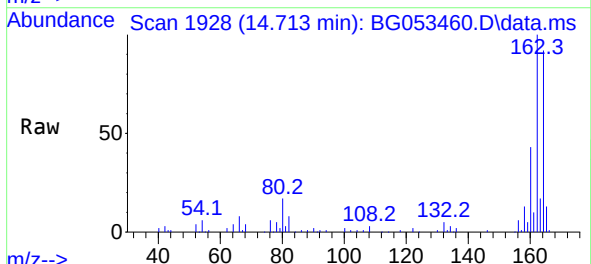
Instrument :
BNA_G
ClientSampleId :
SB-2,13

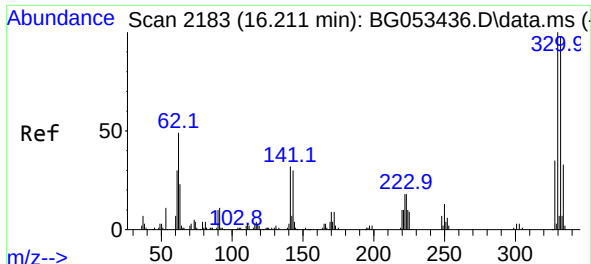
Tgt Ion: 82 Resp: 207764
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 52.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

Tgt Ion: 164 Resp: 65225
Ion Ratio Lower Upper
164 100
162 108.1 82.3 123.5
160 46.4 34.2 51.2

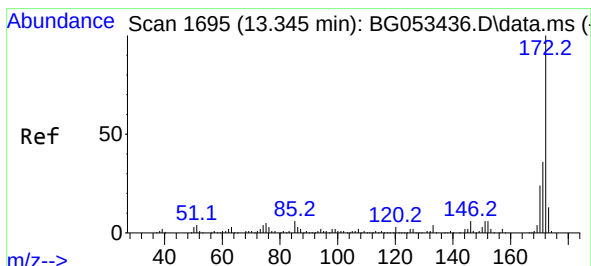
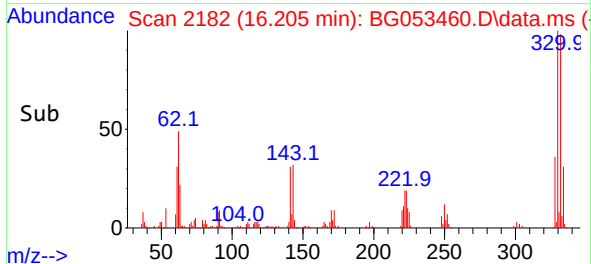
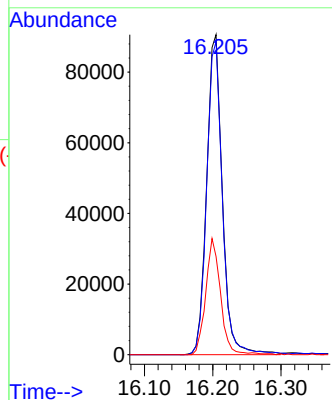
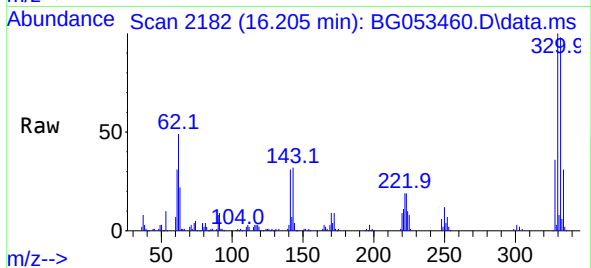




#42
2,4,6-Tribromophenol
Concen: 150.666 ng
RT: 16.205 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

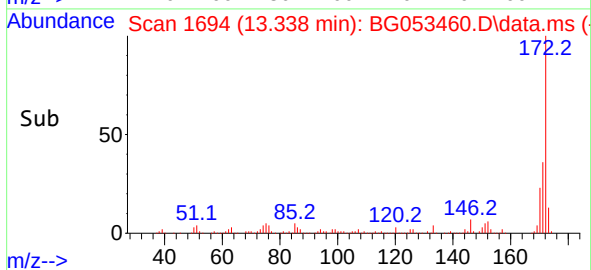
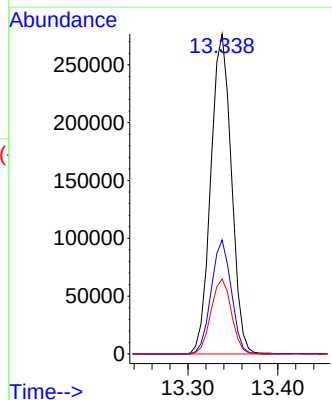
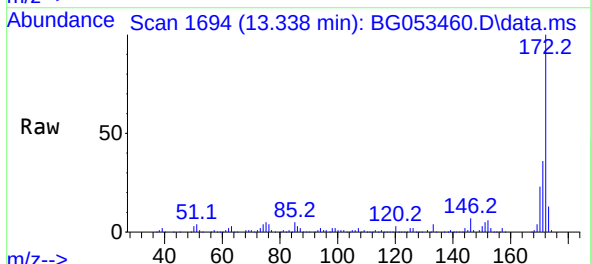
Instrument :
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SB-2,13

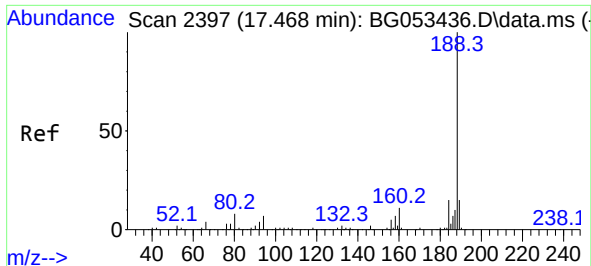
Tgt Ion:330 Resp: 144940
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 98.714 ng
RT: 13.338 min Scan# 1694
Delta R.T. -0.007 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

Tgt Ion:172 Resp: 440614
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.4 18.9 28.3

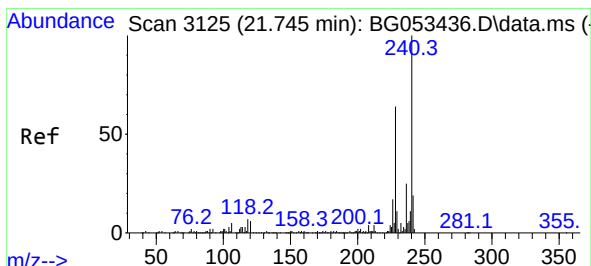
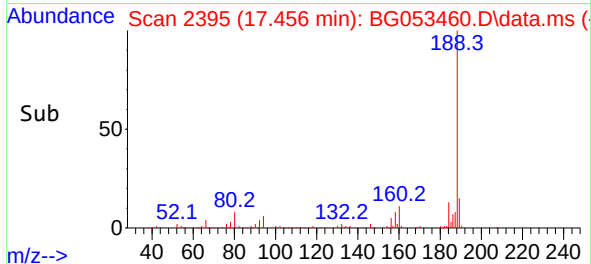
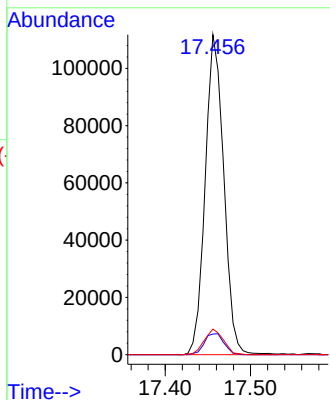
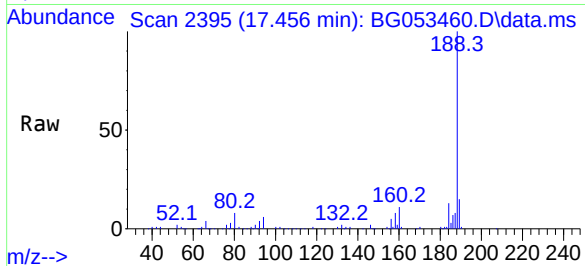




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

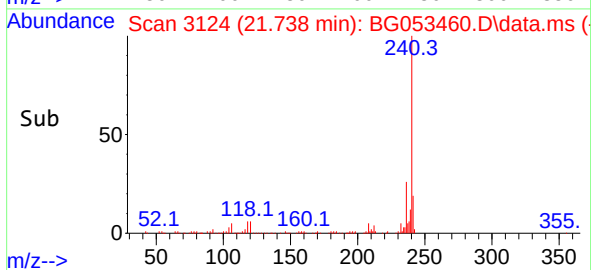
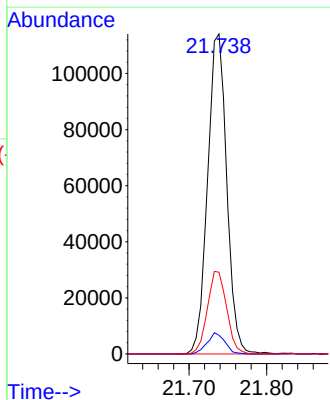
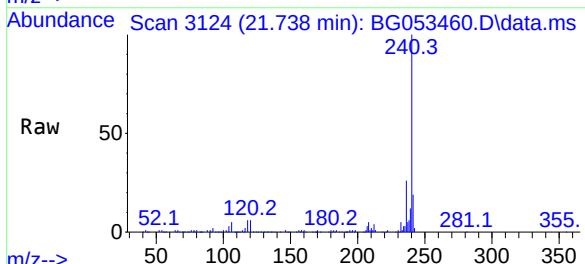
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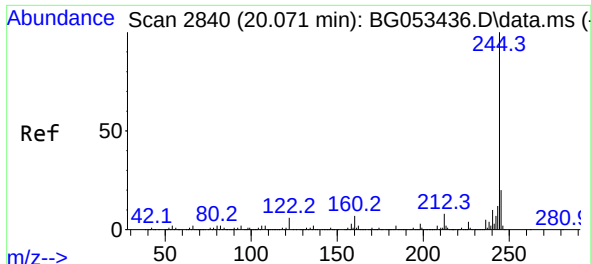
Tgt Ion:188 Resp: 168829
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG053460.D
Acq: 5 May 2022 21:12

Tgt Ion:240 Resp: 196125
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.6 20.2 30.4

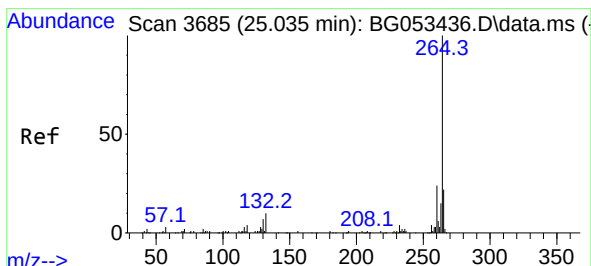
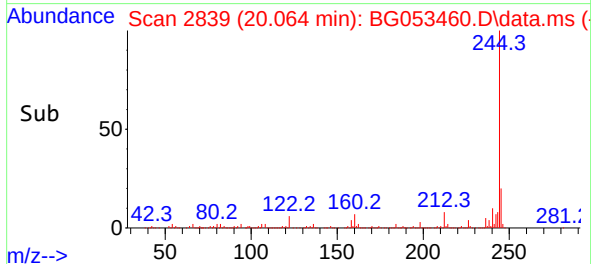
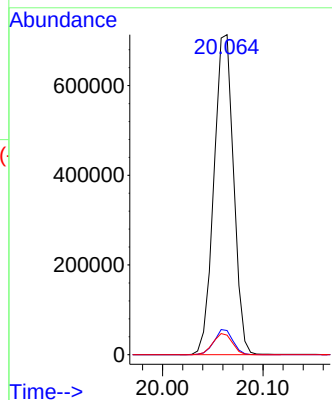
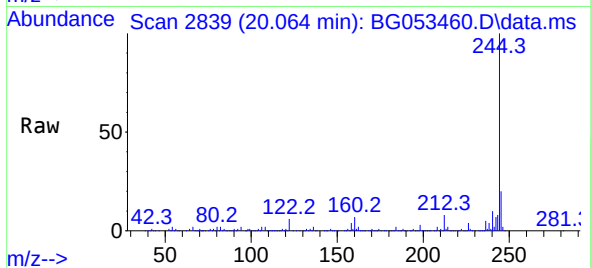




#79
 Terphenyl-d14
 Concen: 92.085 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053460.D
 Acq: 5 May 2022 21:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-2,13

Tgt Ion:244 Resp: 969690
 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: 25.016 min Scan# 3682
 Delta R.T. -0.018 min
 Lab File: BG053460.D
 Acq: 5 May 2022 21:12

Tgt Ion:264 Resp: 200653
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.3 17.4 26.2

