

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053566.D
 Acq On : 16 May 2022 14:19
 Operator : CG/JU
 Sample : N2809-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 17 05:20:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	24686	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	94142	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	72464	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	190161	20.000	ng	0.00
76) Chrysene-d12	21.742	240	191093	20.000	ng	0.00
86) Perylene-d12	25.026	264	178474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	170416	117.159	ng	0.00
7) Phenol-d6	7.250	99	235875	106.850	ng	0.00
23) Nitrobenzene-d5	9.247	82	196864	89.016	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	156165	146.118	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	430417	86.796	ng	0.00
79) Terphenyl-d14	20.062	244	803522	78.314	ng	0.00

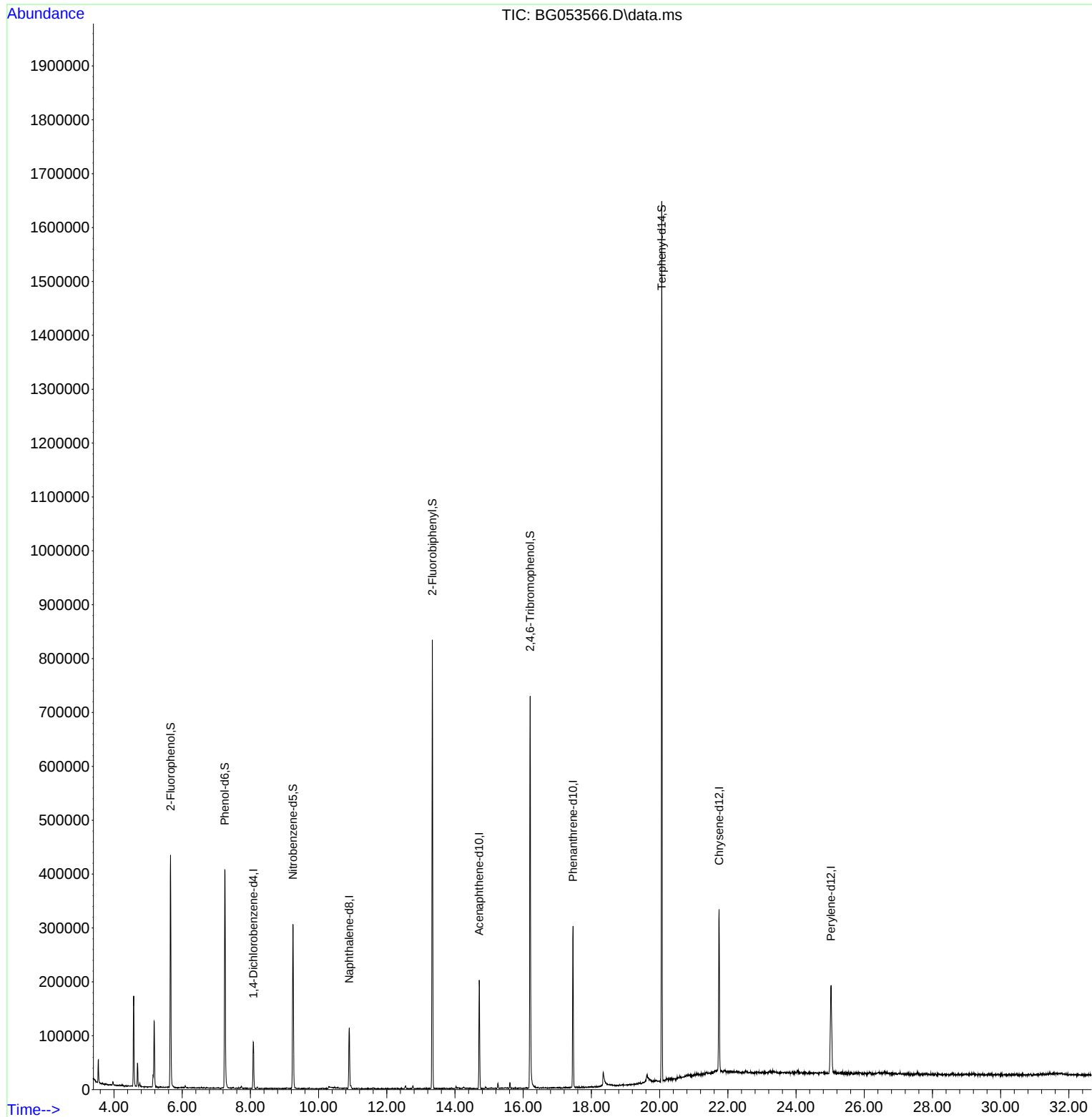
Target Compounds	Qvalue

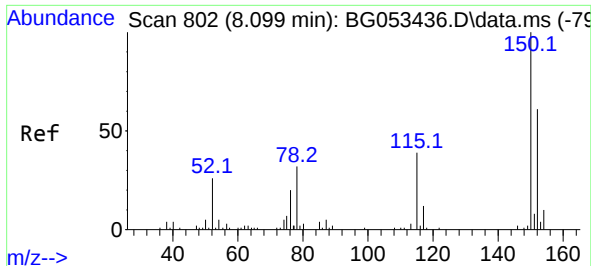
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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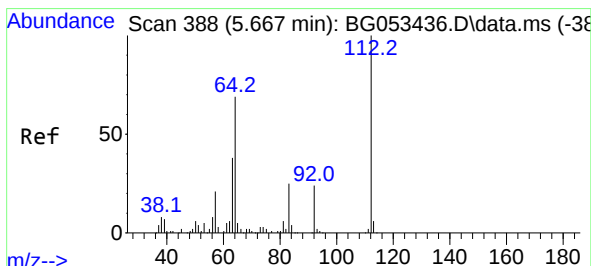
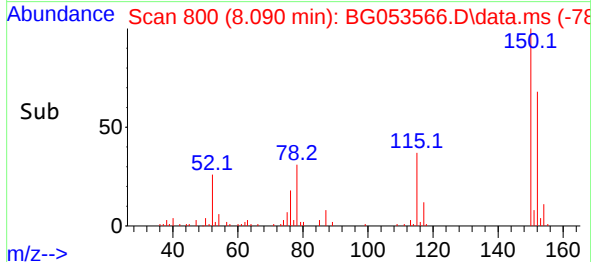
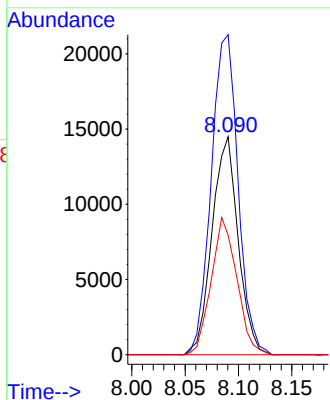
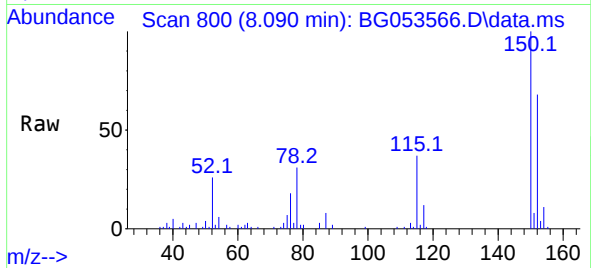




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

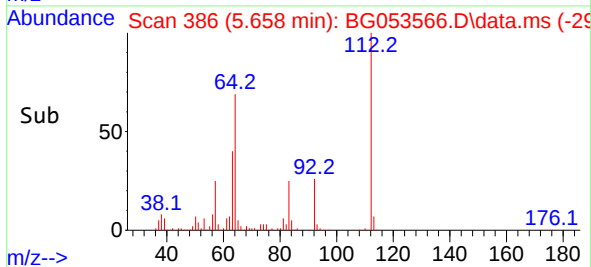
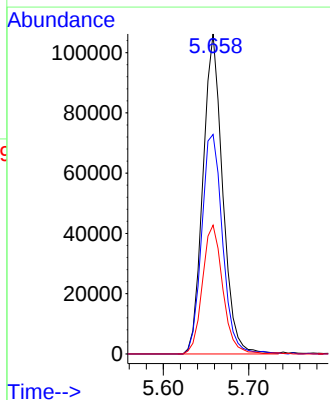
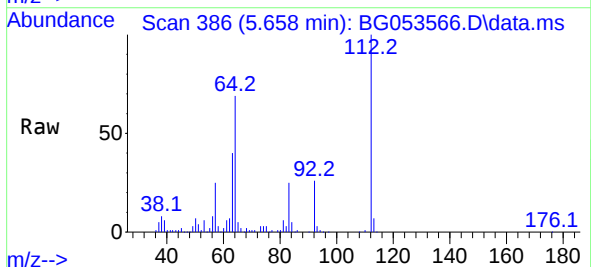
Instrument :
BNA_G
ClientSampleId :
WC-14A-TP-5R

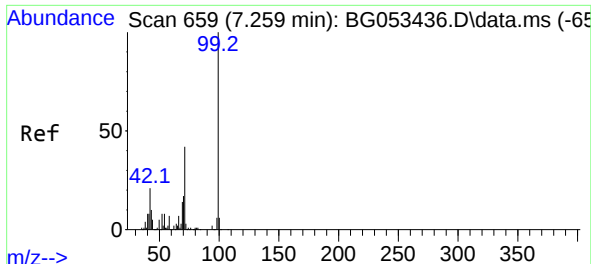
Tgt Ion:152 Resp: 24686
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 54.8 50.9 76.3



#5
2-Fluorophenol
Concen: 117.159 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

Tgt Ion:112 Resp: 170416
Ion Ratio Lower Upper
112 100
64 68.6 55.1 82.7
63 40.2 30.4 45.6

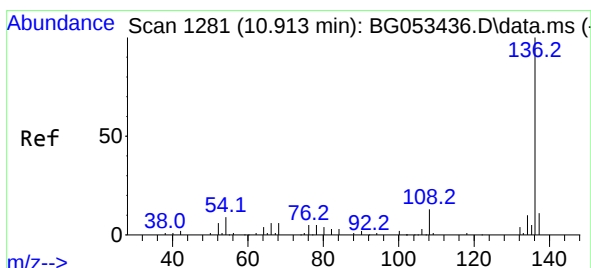
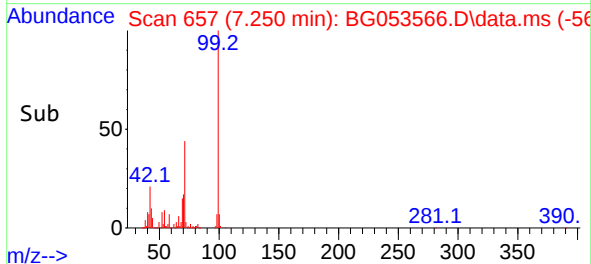
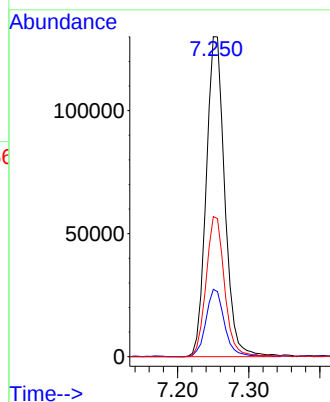
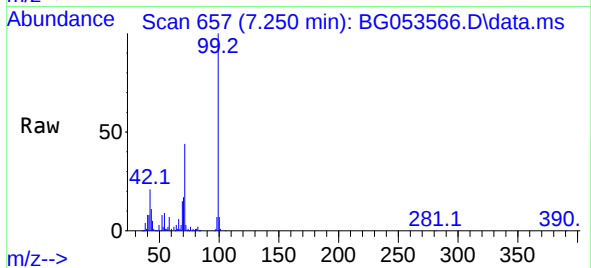




#7
Phenol-d6
Concen: 106.850 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

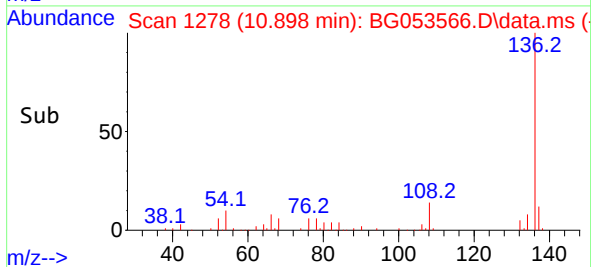
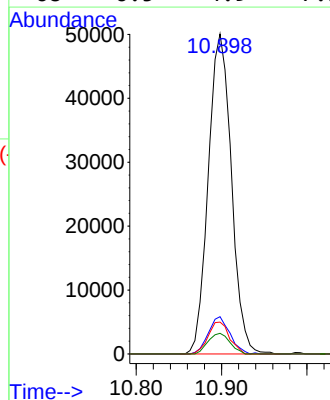
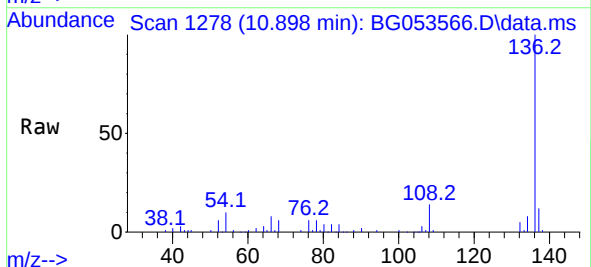
Instrument :
BNA_G
ClientSampleId :
WC-14A-TP-5R

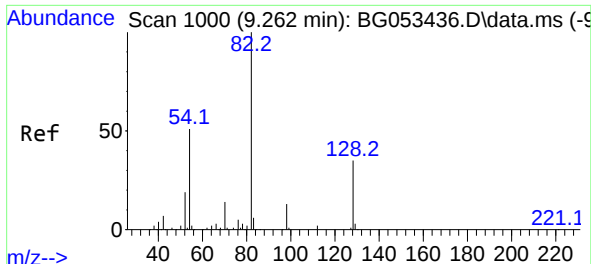
Tgt Ion: 99 Resp: 235875
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 43.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

Tgt Ion: 136 Resp: 94142
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 10.0 7.4 11.2
68 6.5 4.9 7.3

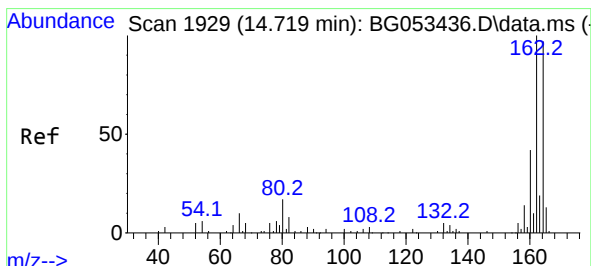
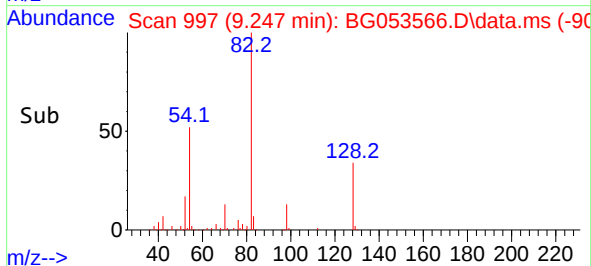
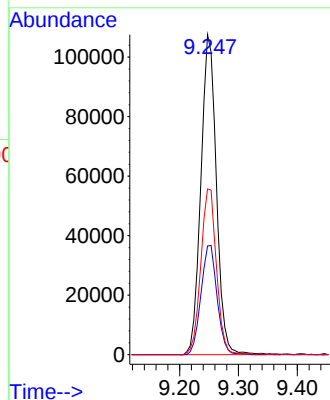
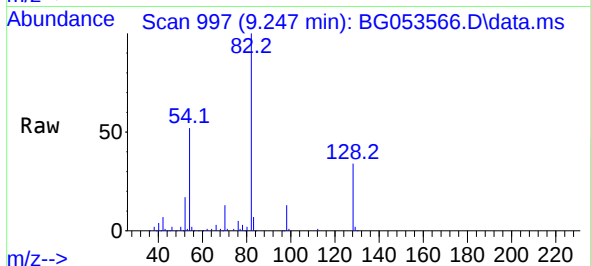




#23
Nitrobenzene-d5
Concen: 89.016 ng
RT: 9.247 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

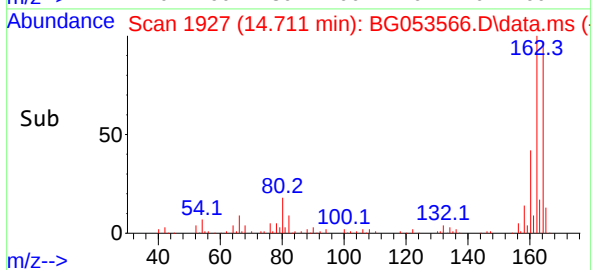
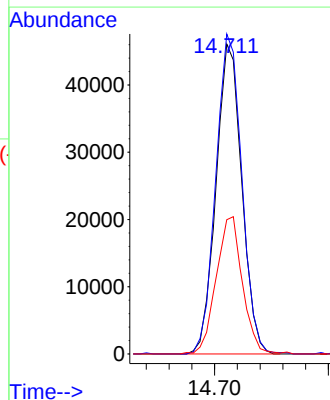
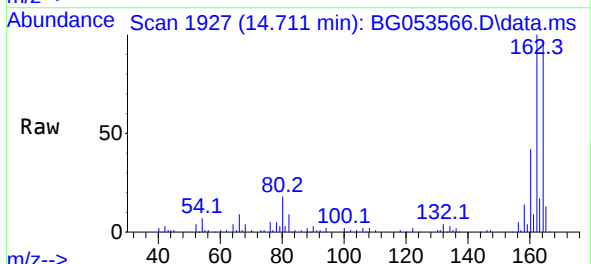
Instrument :
BNA_G
ClientSampleId :
WC-14A-TP-5R

Tgt Ion: 82 Resp: 196864
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 51.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

Tgt Ion: 164 Resp: 72464
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 43.3 34.2 51.2

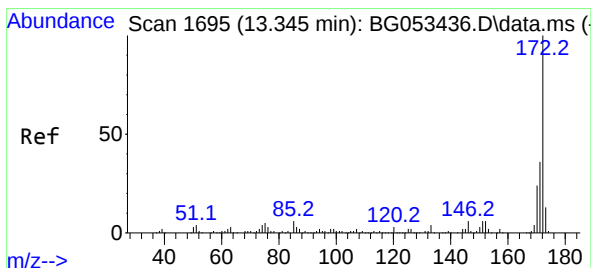
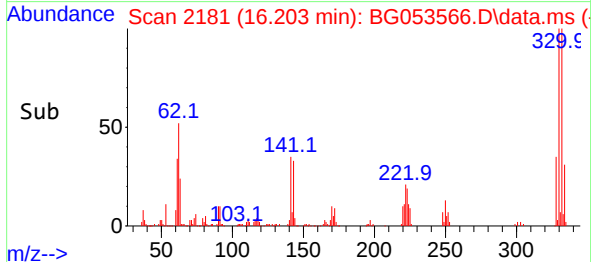
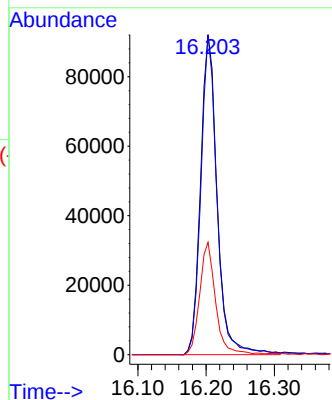
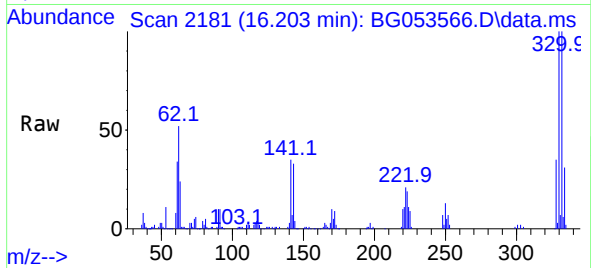




#42
2,4,6-Tribromophenol
Concen: 146.118 ng
RT: 16.203 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

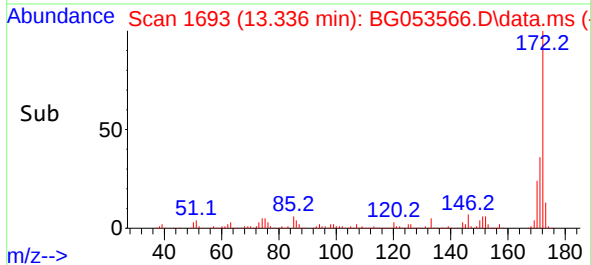
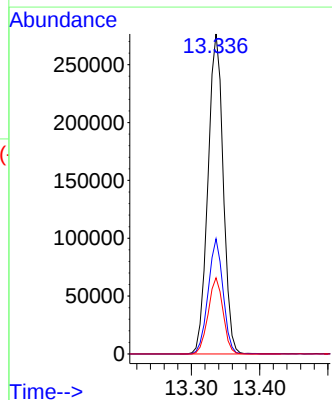
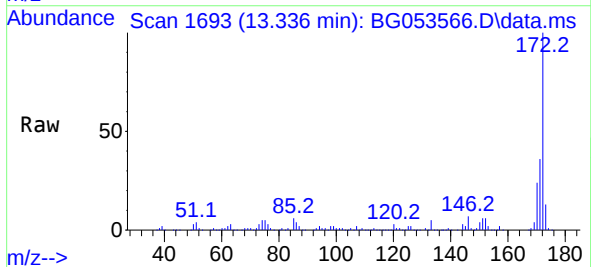
Instrument :
BNA_G
ClientSampleId :
WC-14A-TP-5R

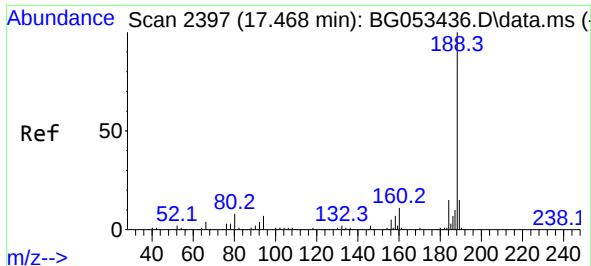
Tgt Ion:330 Resp: 156165
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 86.796 ng
RT: 13.336 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

Tgt Ion:172 Resp: 430417
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 18.9 28.3

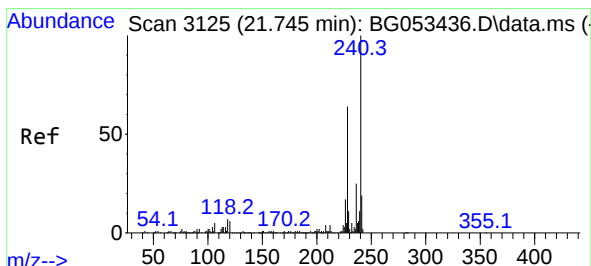
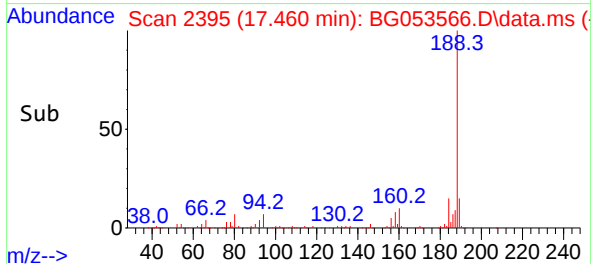
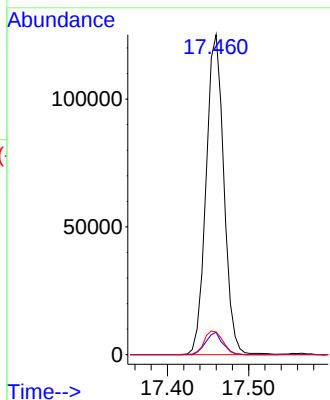
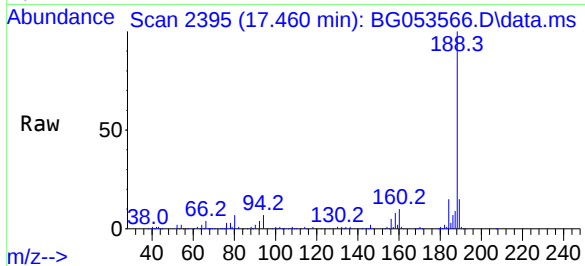




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

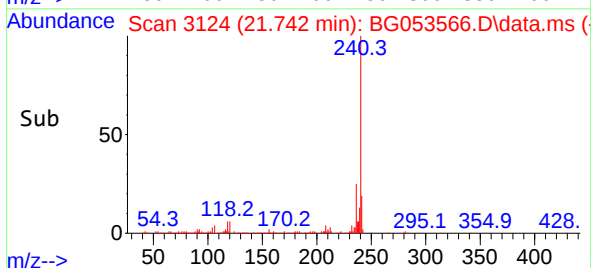
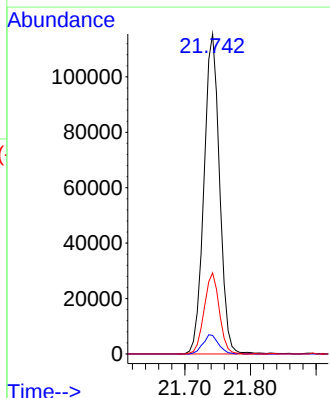
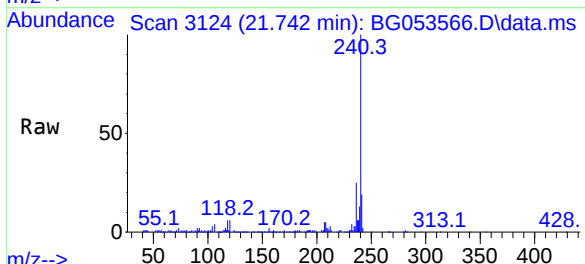
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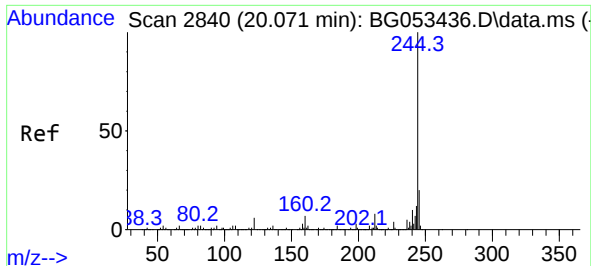
Tgt Ion:188 Resp: 190161
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BG053566.D
Acq: 16 May 2022 14:19

Tgt Ion:240 Resp: 191093
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.3 20.2 30.4

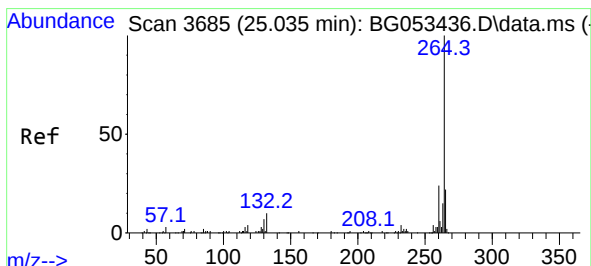
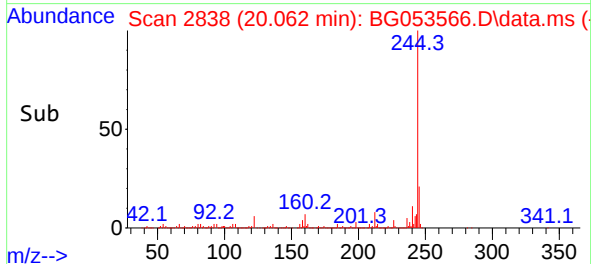
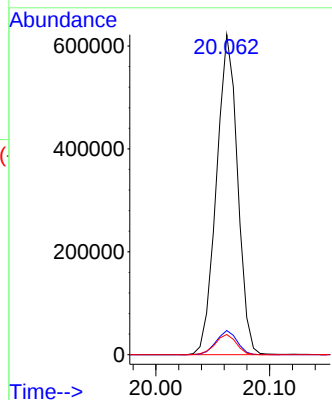
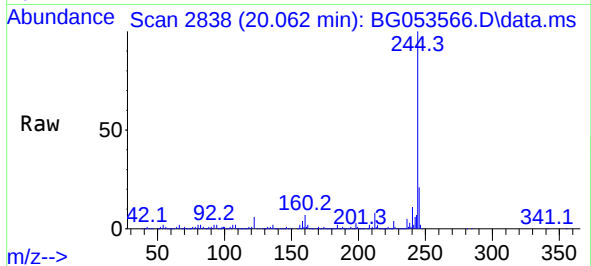




#79
 Terphenyl-d14
 Concen: 78.314 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053566.D
 Acq: 16 May 2022 14:19

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 803522
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3683
 Delta R.T. 0.007 min
 Lab File: BG053566.D
 Acq: 16 May 2022 14:19

Tgt Ion:264 Resp: 178474
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.4 17.4 26.2

