

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053664.D
 Acq On : 23 May 2022 14:51
 Operator : CG/JU
 Sample : N2968-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-45

Quant Time: May 24 05:09:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	31081	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	127722	20.000	ng	0.00
39) Acenaphthene-d10	14.685	164	95520	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	215847	20.000	ng	0.00
76) Chrysene-d12	21.711	240	206367	20.000	ng	0.00
86) Perylene-d12	24.977	264	211290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.626	112	102984	56.233	ng	0.00
7) Phenol-d6	7.230	99	89338	32.143	ng	0.00
23) Nitrobenzene-d5	9.222	82	276685	92.216	ng	0.00
42) 2,4,6-Tribromophenol	16.177	330	195159	138.528	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	646285	98.870	ng	0.00
79) Terphenyl-d14	20.042	244	993188	89.636	ng	0.00

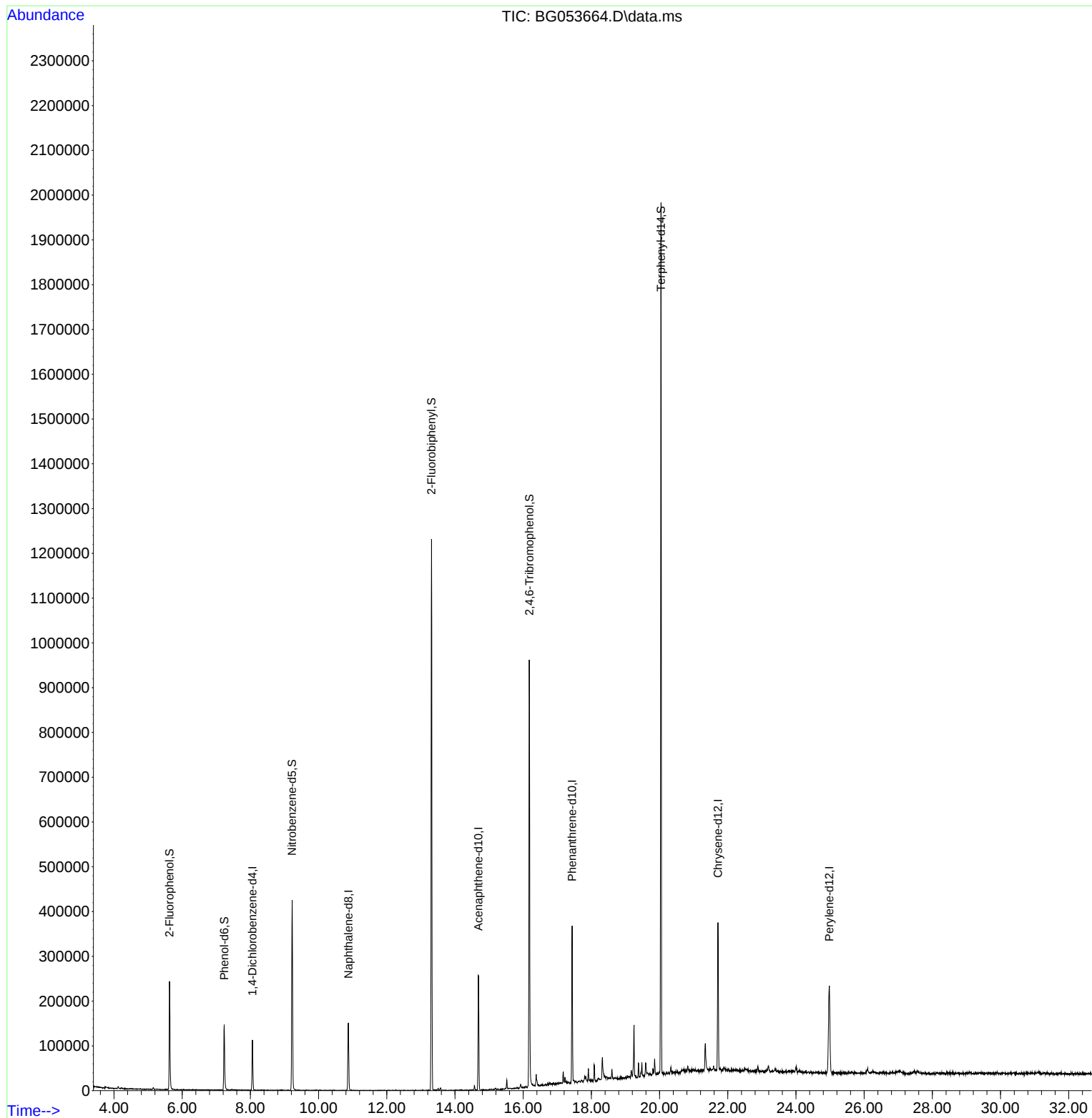
Target Compounds	Qvalue

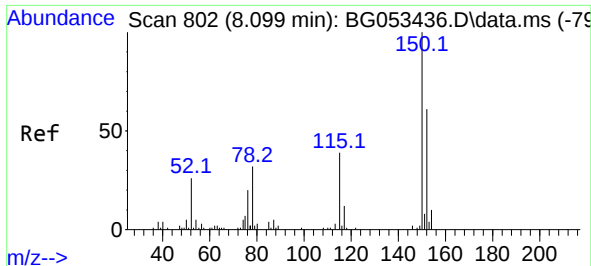
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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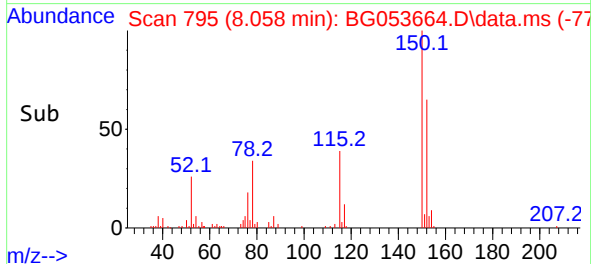
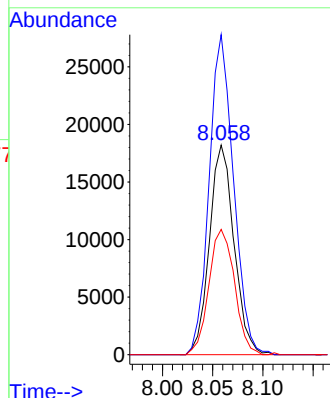
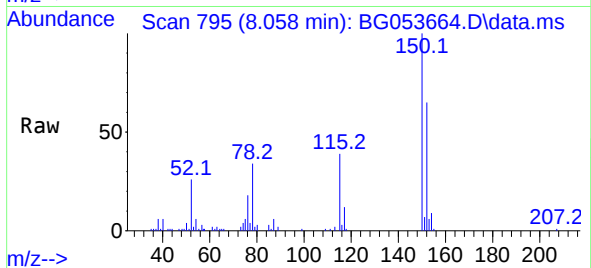




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

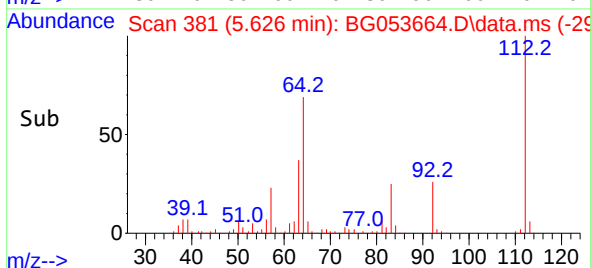
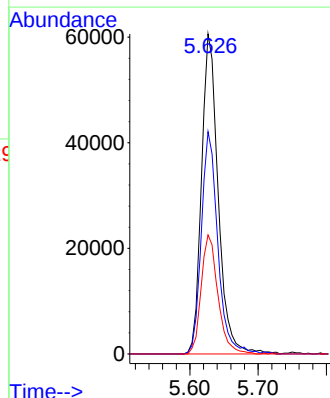
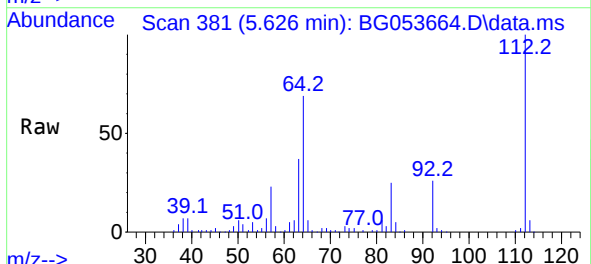
Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion:152 Resp: 31081
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 59.8 50.9 76.3



#5
2-Fluorophenol
Concen: 56.233 ng
RT: 5.626 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:112 Resp: 102984
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 37.2 30.4 45.6

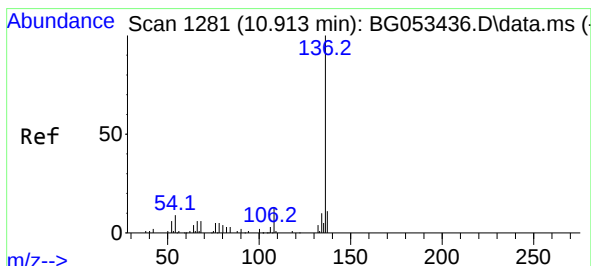
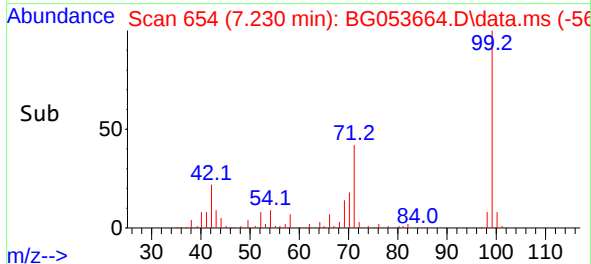
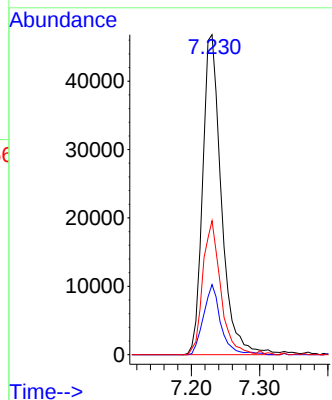
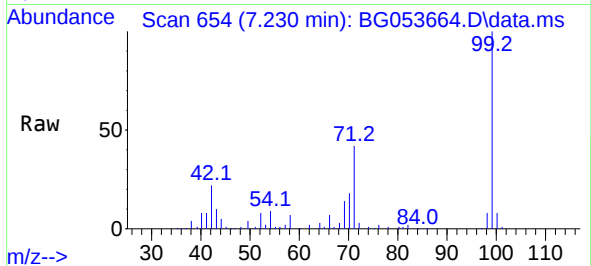




#7
Phenol-d6
Concen: 32.143 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

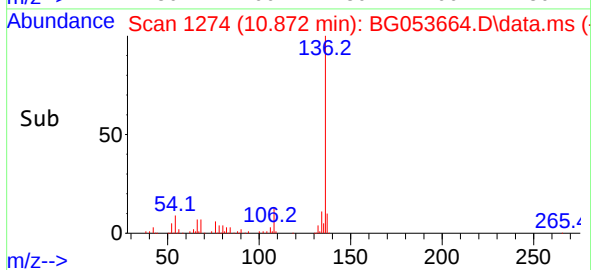
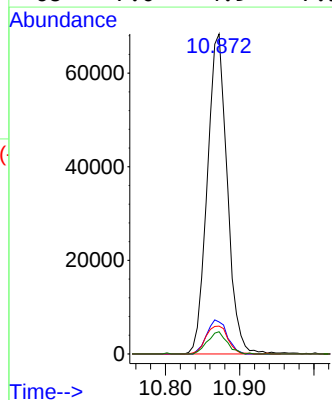
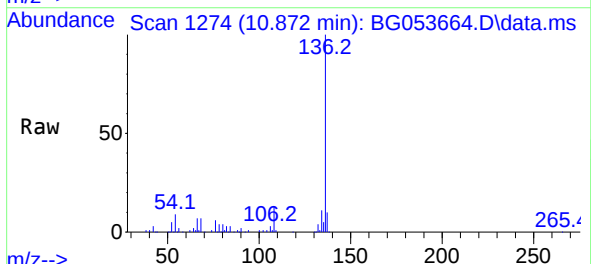
Instrument :
BNA_G
ClientSampleId :
MW-45

Tgt Ion: 99 Resp: 89338
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 41.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion: 136 Resp: 127722
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 8.7 7.4 11.2
68 7.0 4.9 7.3

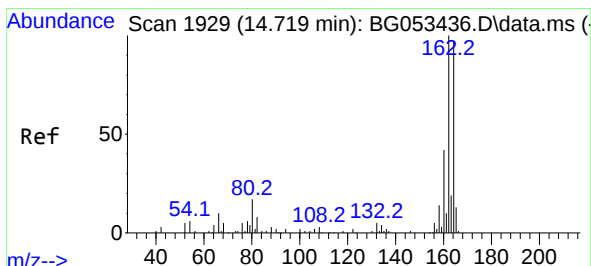
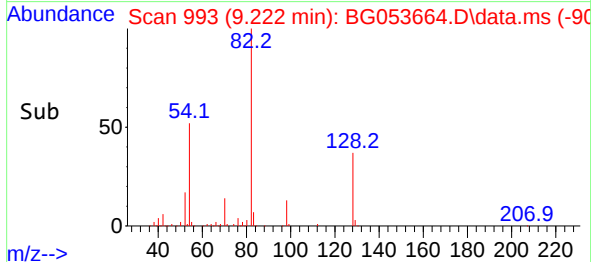
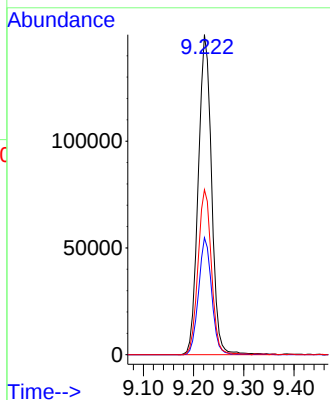
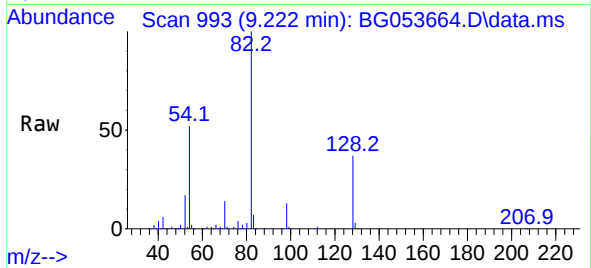




#23
Nitrobenzene-d5
Concen: 92.216 ng
RT: 9.222 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

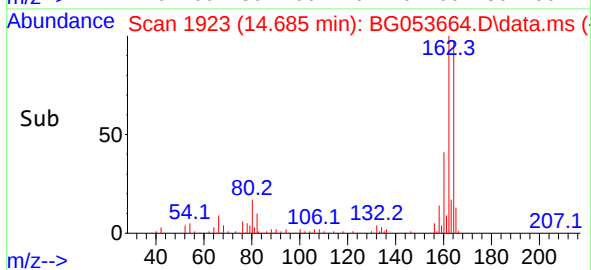
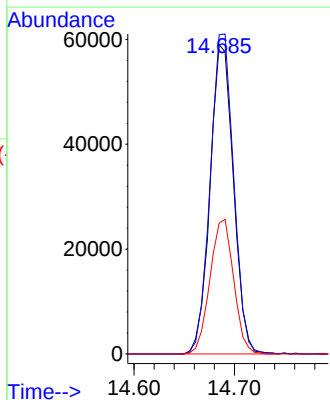
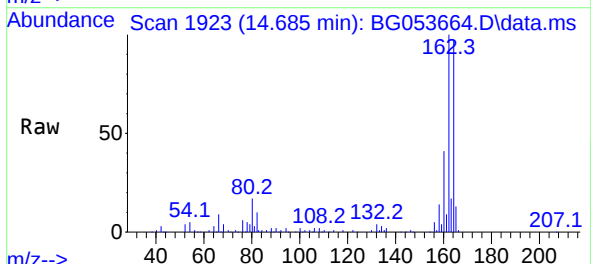
Instrument :
BNA_G
ClientSampleId :
MW-45

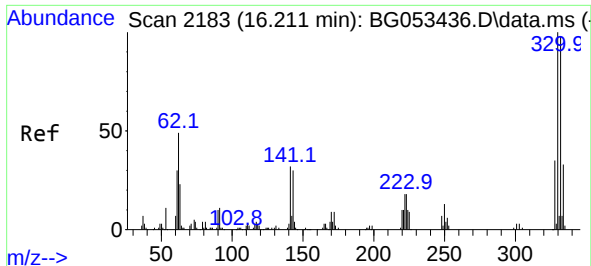
Tgt Ion: 82 Resp: 276685
Ion Ratio Lower Upper
82 100
128 36.5 27.9 41.9
54 51.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.685 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion: 164 Resp: 95520
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 42.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 138.528 ng

RT: 16.177 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053664.D

Acq: 23 May 2022 14:51

Instrument :

BNA_G

ClientSampleId :

MW-45

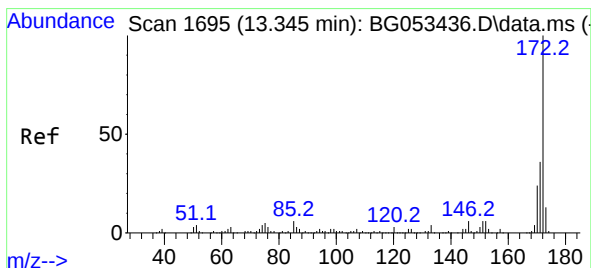
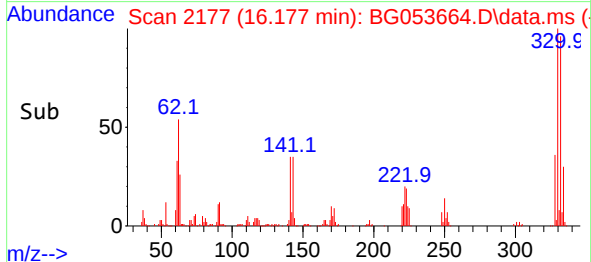
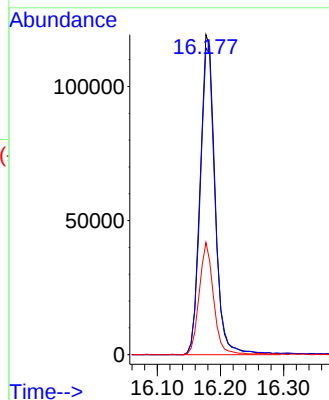
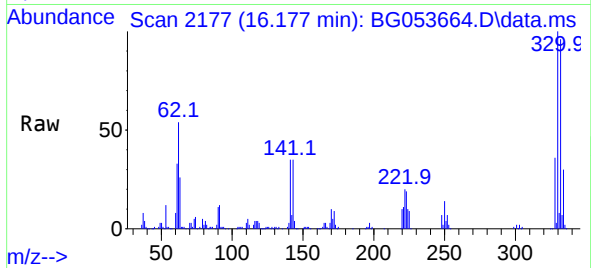
Tgt Ion:330 Resp: 195159

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 33.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 98.870 ng

RT: 13.310 min Scan# 1689

Delta R.T. -0.005 min

Lab File: BG053664.D

Acq: 23 May 2022 14:51

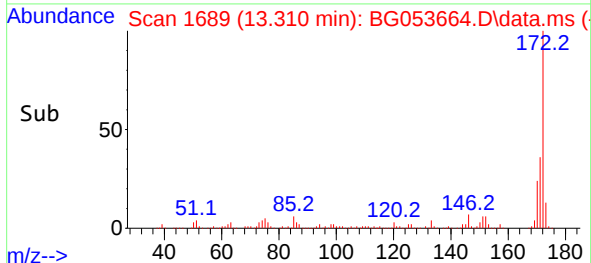
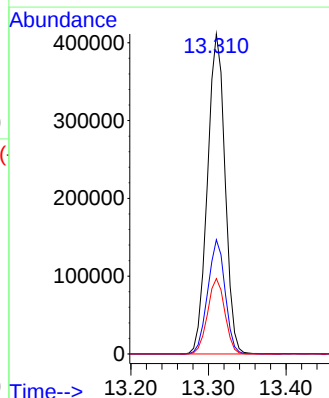
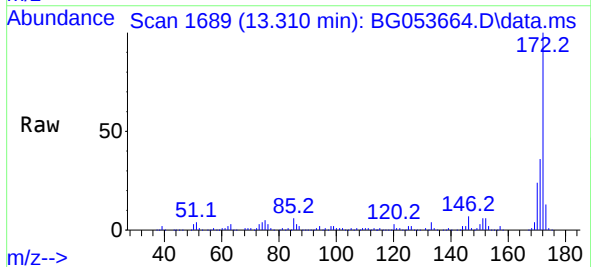
Tgt Ion:172 Resp: 646285

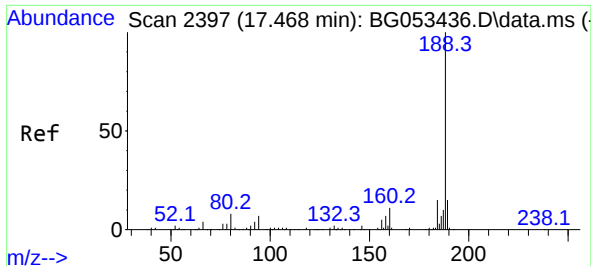
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.5 18.9 28.3

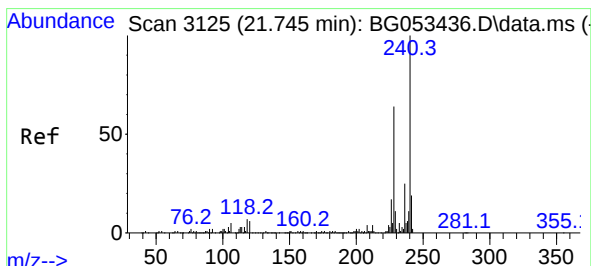
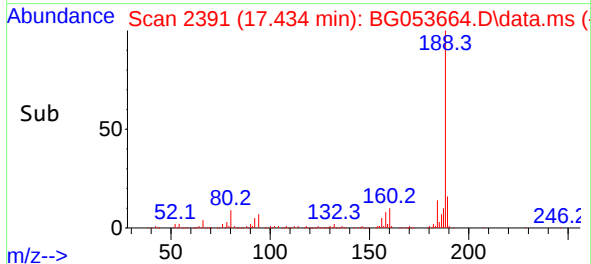
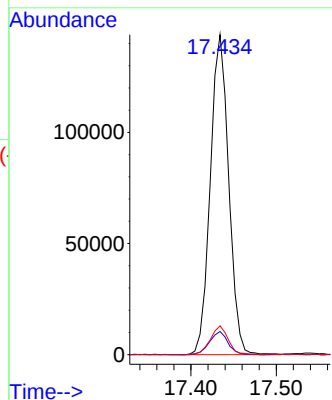
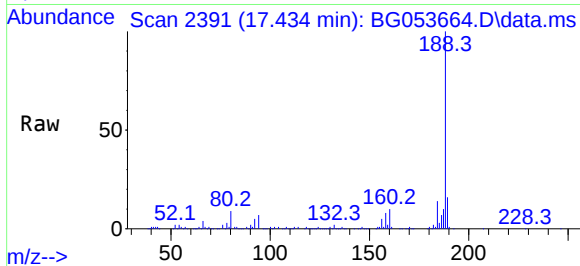




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

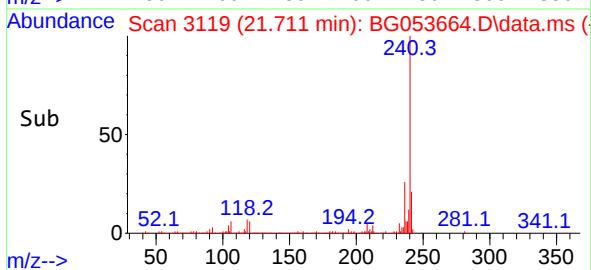
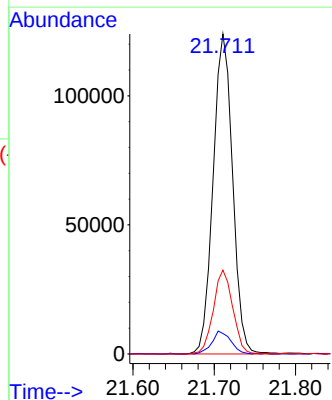
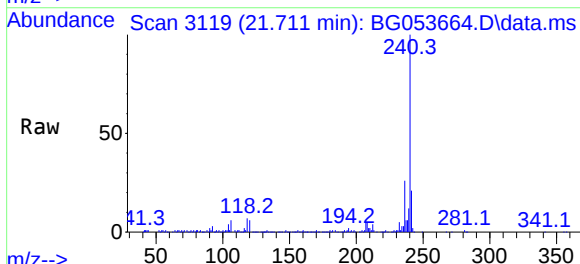
Instrument :
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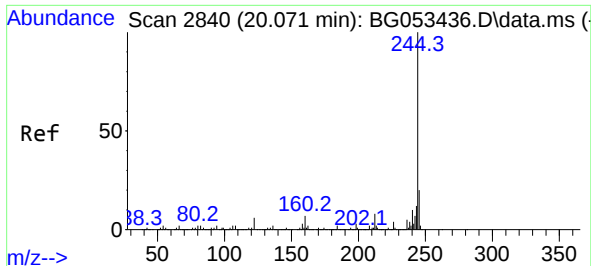
Tgt Ion:188 Resp: 215847
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053664.D
Acq: 23 May 2022 14:51

Tgt Ion:240 Resp: 206367
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 26.2 20.2 30.4

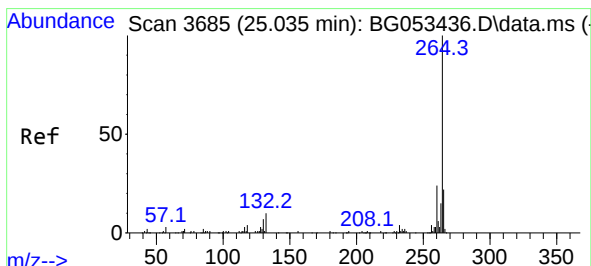
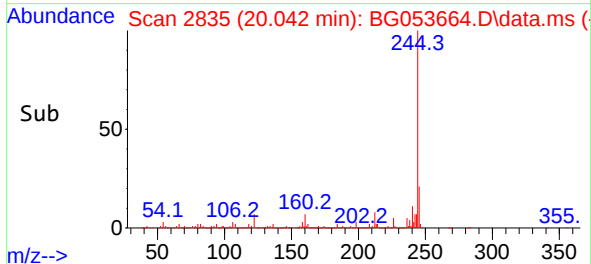
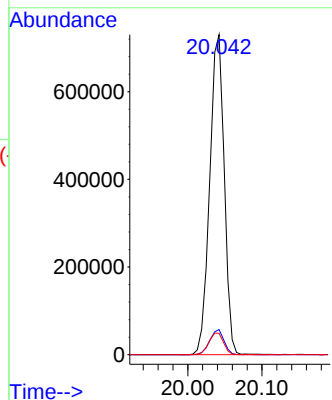
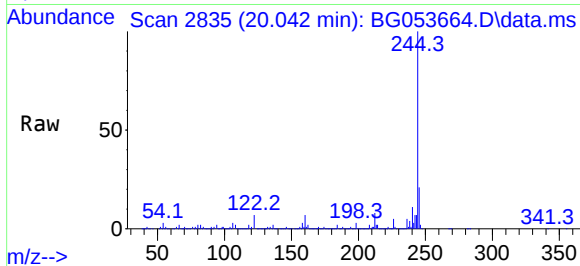




#79
 Terphenyl-d14
 Concen: 89.636 ng
 RT: 20.042 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053664.D
 Acq: 23 May 2022 14:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-45

Tgt Ion:244 Resp: 993188
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3675
 Delta R.T. -0.005 min
 Lab File: BG053664.D
 Acq: 23 May 2022 14:51

Tgt Ion:264 Resp: 211290
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.0 17.4 26.2

