

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053606.D
 Acq On : 18 May 2022 16:47
 Operator : CG/JU
 Sample : PB144886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144886BL

Quant Time: May 19 05:12:04 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	8.078	152	21466	20.000	ng	-0.01
21) Naphthalene-d8	10.892	136	91306	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	77077	20.000	ng	-0.01
64) Phenanthrene-d10	17.453	188	214847	20.000	ng	0.00
76) Chrysene-d12	21.730	240	222030	20.000	ng	-0.01
86) Perylene-d12	25.008	264	218874	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	177189	140.088	ng	0.00
7) Phenol-d6	7.244	99	266123	138.636	ng	0.00
23) Nitrobenzene-d5	9.241	82	191601	89.328	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	159949	140.702	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	472206	89.524	ng	0.00
79) Terphenyl-d14	20.056	244	1109964	93.108	ng	0.00

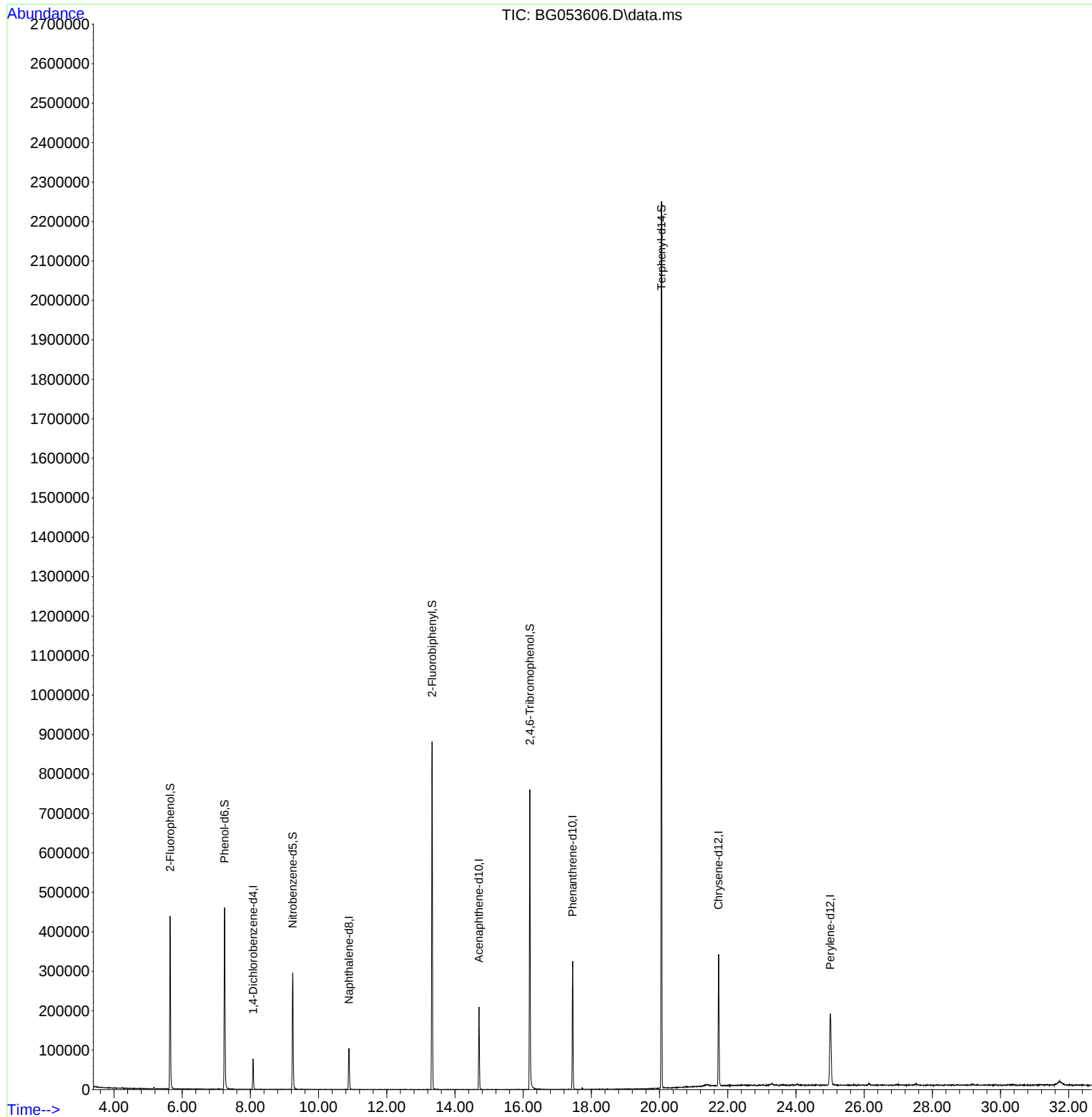
Target Compounds	Qvalue

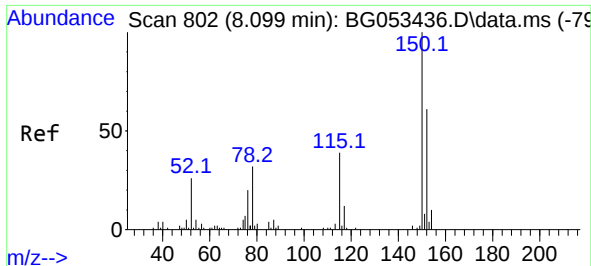
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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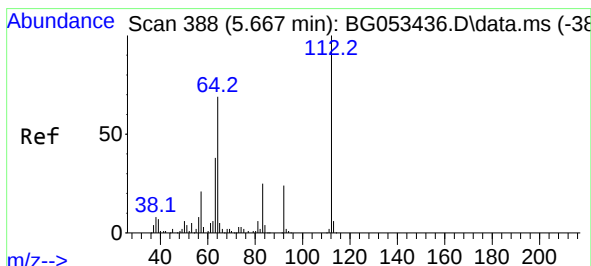
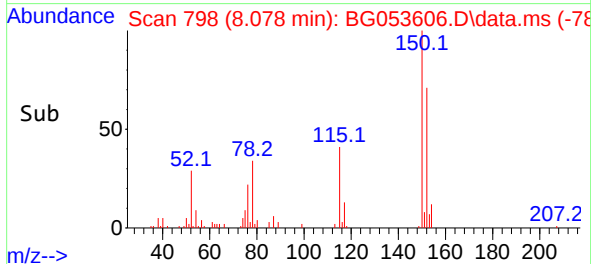
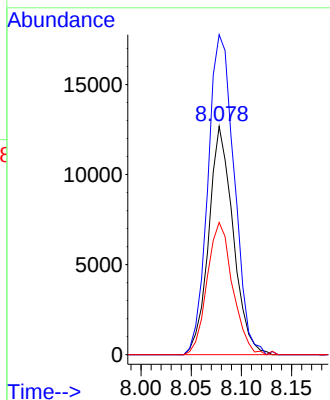
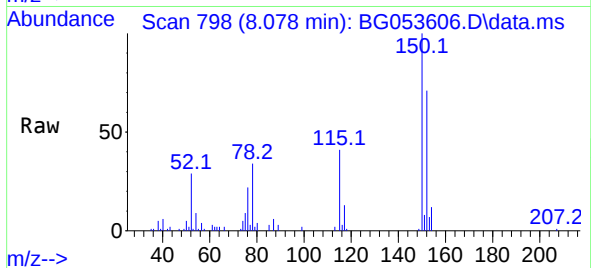




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

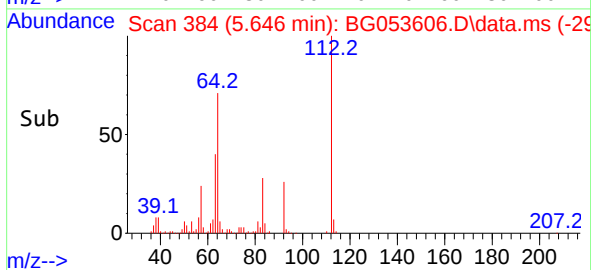
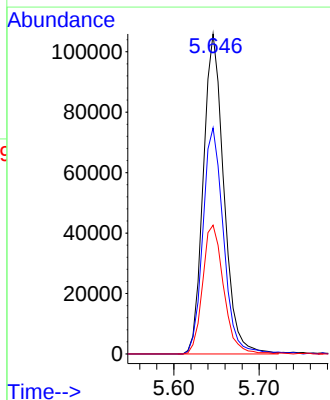
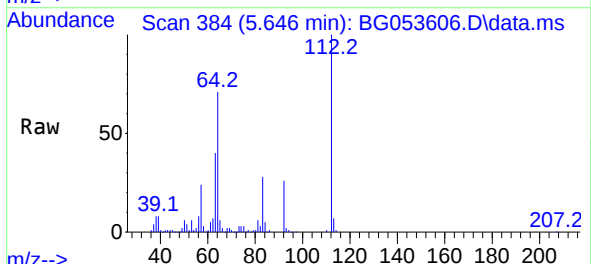
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion:152 Resp: 21466
Ion Ratio Lower Upper
152 100
150 140.1 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 140.088 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:112 Resp: 177189
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 40.3 30.4 45.6

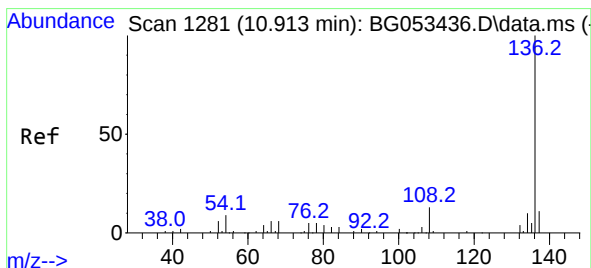
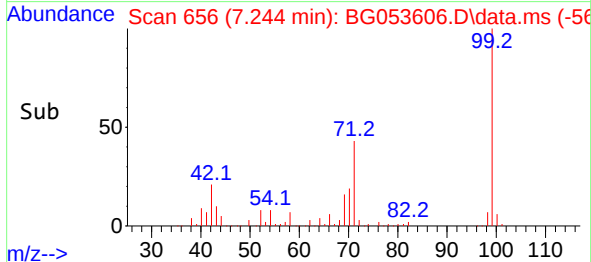
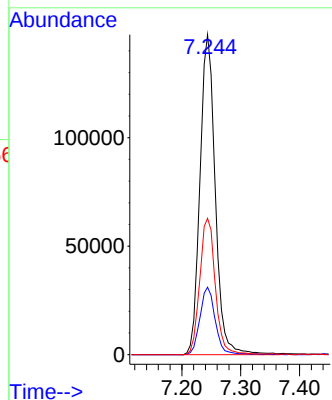
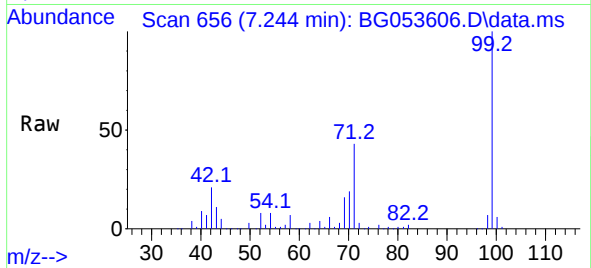




#7
Phenol-d6
Concen: 138.636 ng
RT: 7.244 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

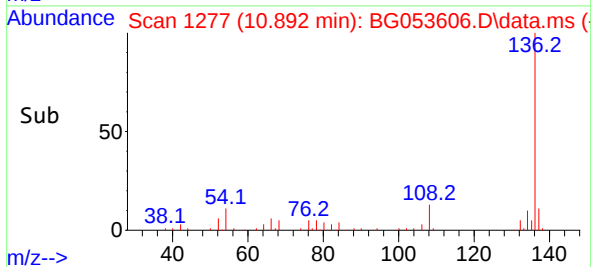
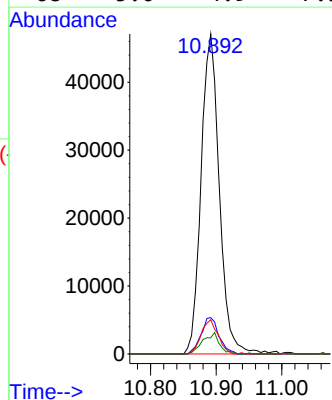
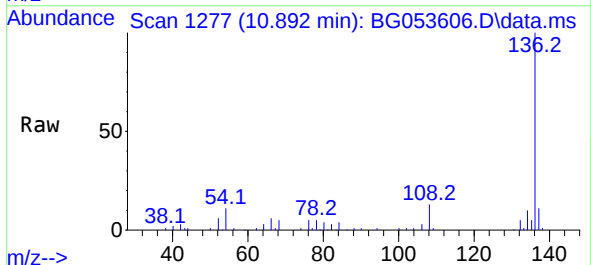
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion: 99 Resp: 266123
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 42.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:136 Resp: 91306
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.7 7.4 11.2
68 5.0 4.9 7.3

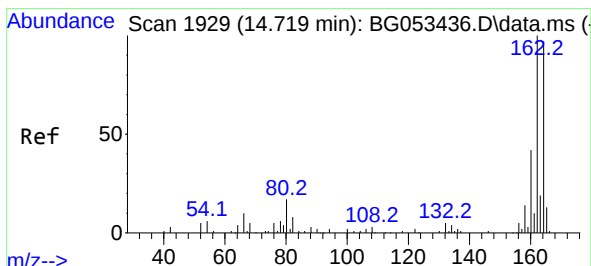
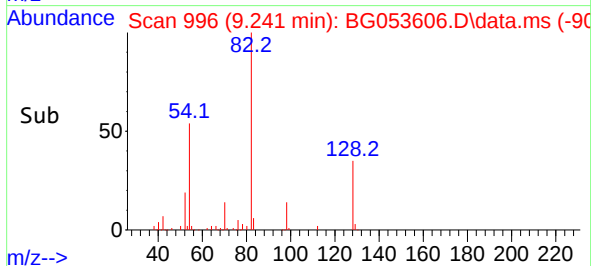
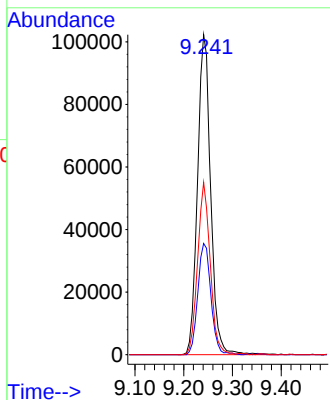
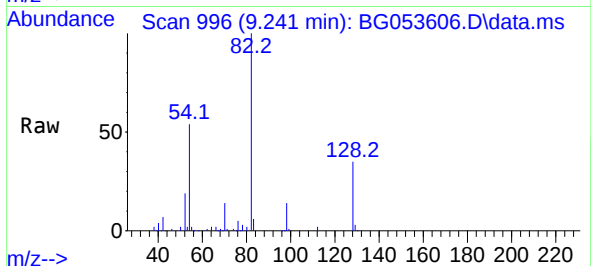




#23
Nitrobenzene-d5
Concen: 89.328 ng
RT: 9.241 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

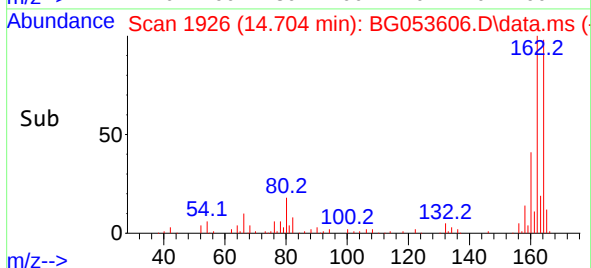
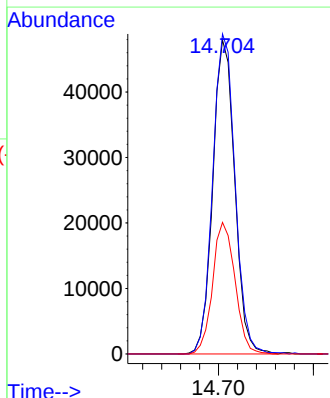
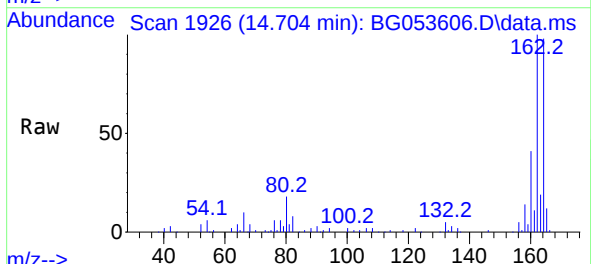
Instrument :
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ClientSampleId :
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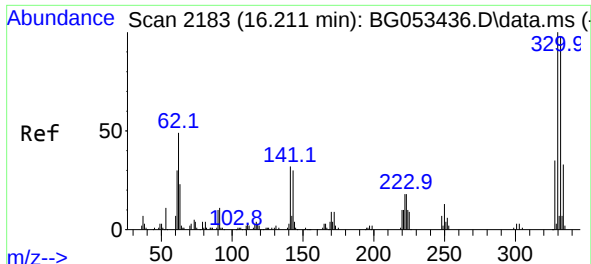
Tgt Ion: 82 Resp: 191601
Ion Ratio Lower Upper
82 100
128 34.8 27.9 41.9
54 53.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion: 164 Resp: 77077
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 41.9 34.2 51.2

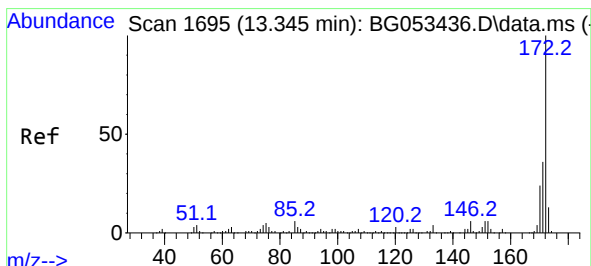
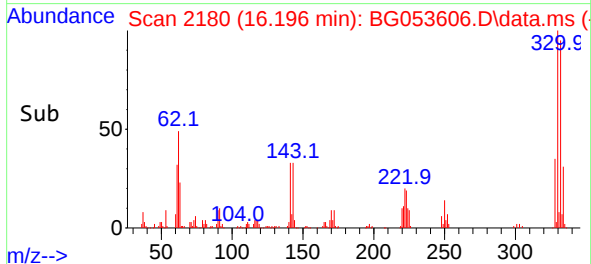
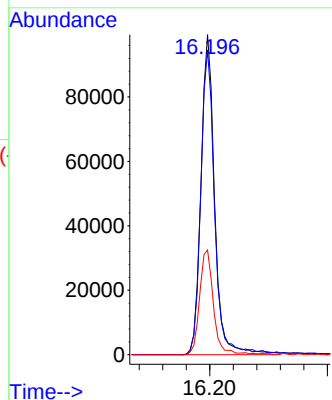
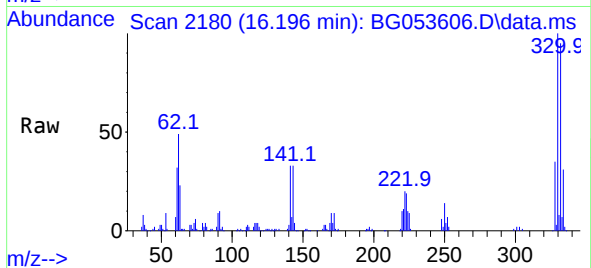




#42
2,4,6-Tribromophenol
Concen: 140.702 ng
RT: 16.196 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

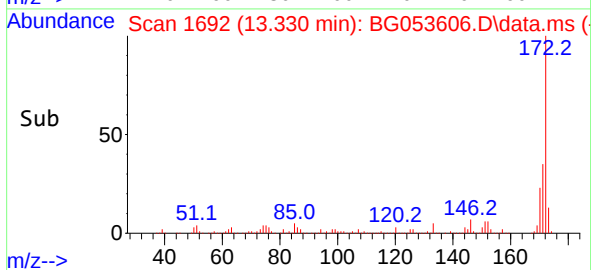
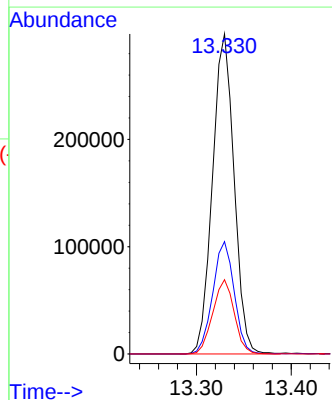
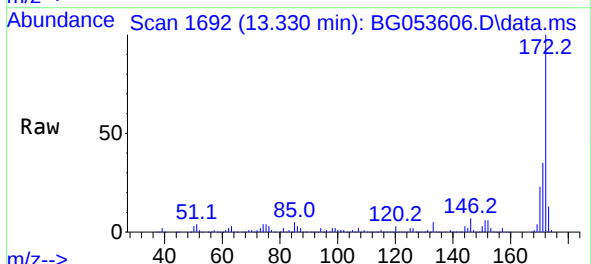
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion:330 Resp: 159949
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 32.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 89.524 ng
RT: 13.330 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:172 Resp: 472206
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.9 28.3

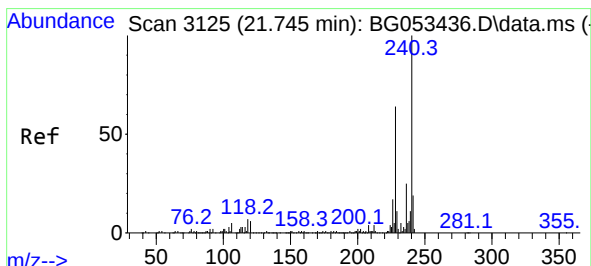
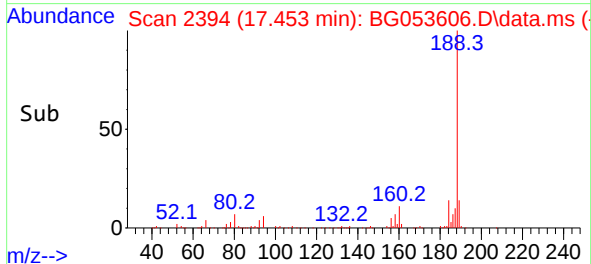
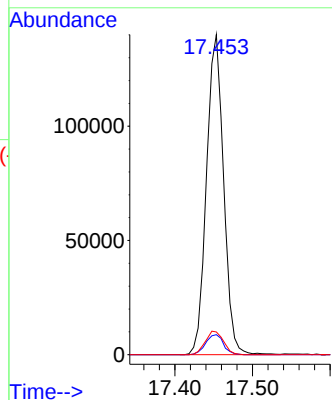
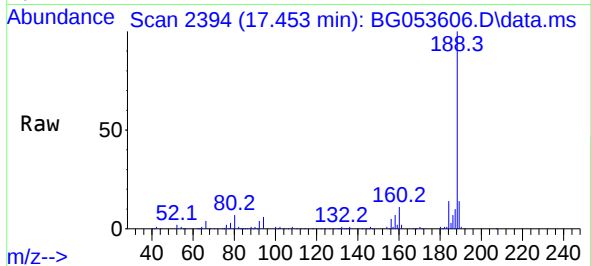




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

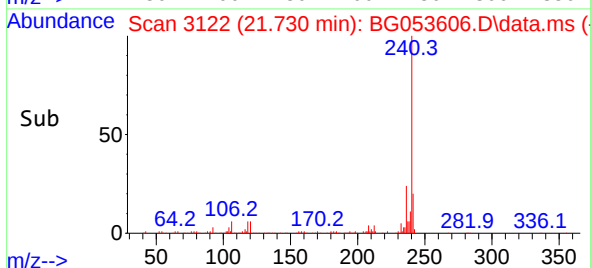
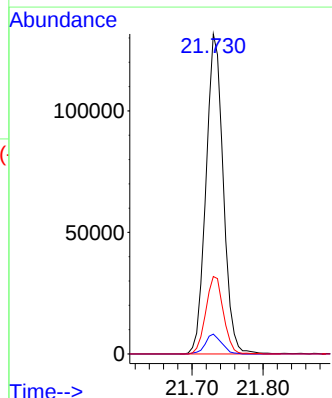
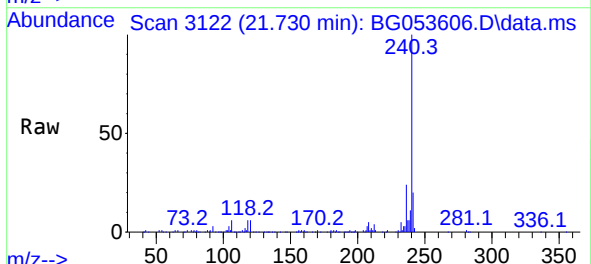
Instrument :
BNA_G
ClientSampleId :
PB144886BL

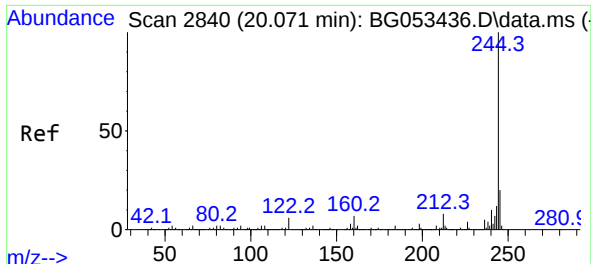
Tgt Ion:188 Resp: 214847
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:240 Resp: 222030
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.2 20.2 30.4

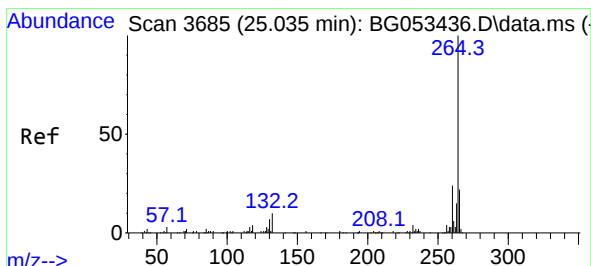
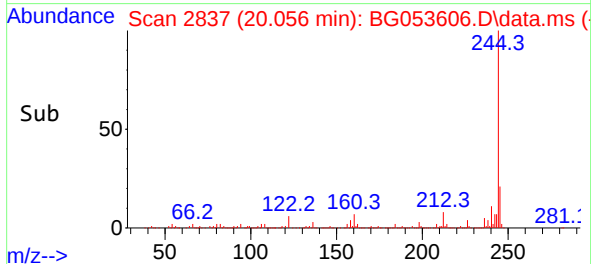
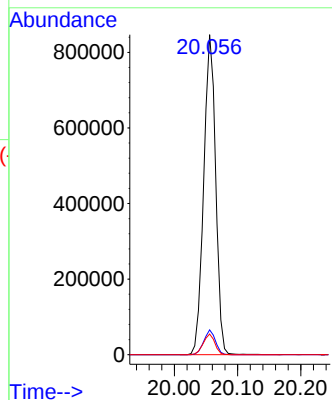
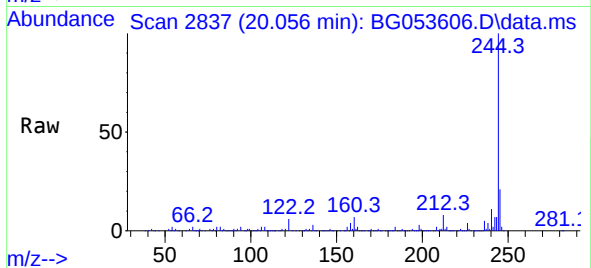




#79
 Terphenyl-d14
 Concen: 93.108 ng
 RT: 20.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053606.D
 Acq: 18 May 2022 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB144886BL

Tgt Ion:244 Resp: 1109964
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3680
 Delta R.T. -0.012 min
 Lab File: BG053606.D
 Acq: 18 May 2022 16:47

Tgt Ion:264 Resp: 218874
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.0 17.4 26.2

