

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053613.D
 Acq On : 18 May 2022 21:23
 Operator : CG/JU
 Sample : N2907-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GC-2

Quant Time: May 19 05:13:06 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	8.079	152	23330	20.000	ng	-0.01
21) Naphthalene-d8	10.893	136	91336	20.000	ng	0.00
39) Acenaphthene-d10	14.705	164	69652	20.000	ng	-0.01
64) Phenanthrene-d10	17.449	188	184111	20.000	ng	-0.01
76) Chrysene-d12	21.731	240	194516	20.000	ng	-0.01
86) Perylene-d12	25.009	264	197098	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	137946	100.348	ng	0.00
7) Phenol-d6	7.245	99	197815	94.817	ng	0.00
23) Nitrobenzene-d5	9.242	82	142773	66.541	ng	-0.01
42) 2,4,6-Tribromophenol	16.197	330	106565	103.734	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	309026	64.833	ng	-0.01
79) Terphenyl-d14	20.051	244	651074	62.340	ng	-0.01

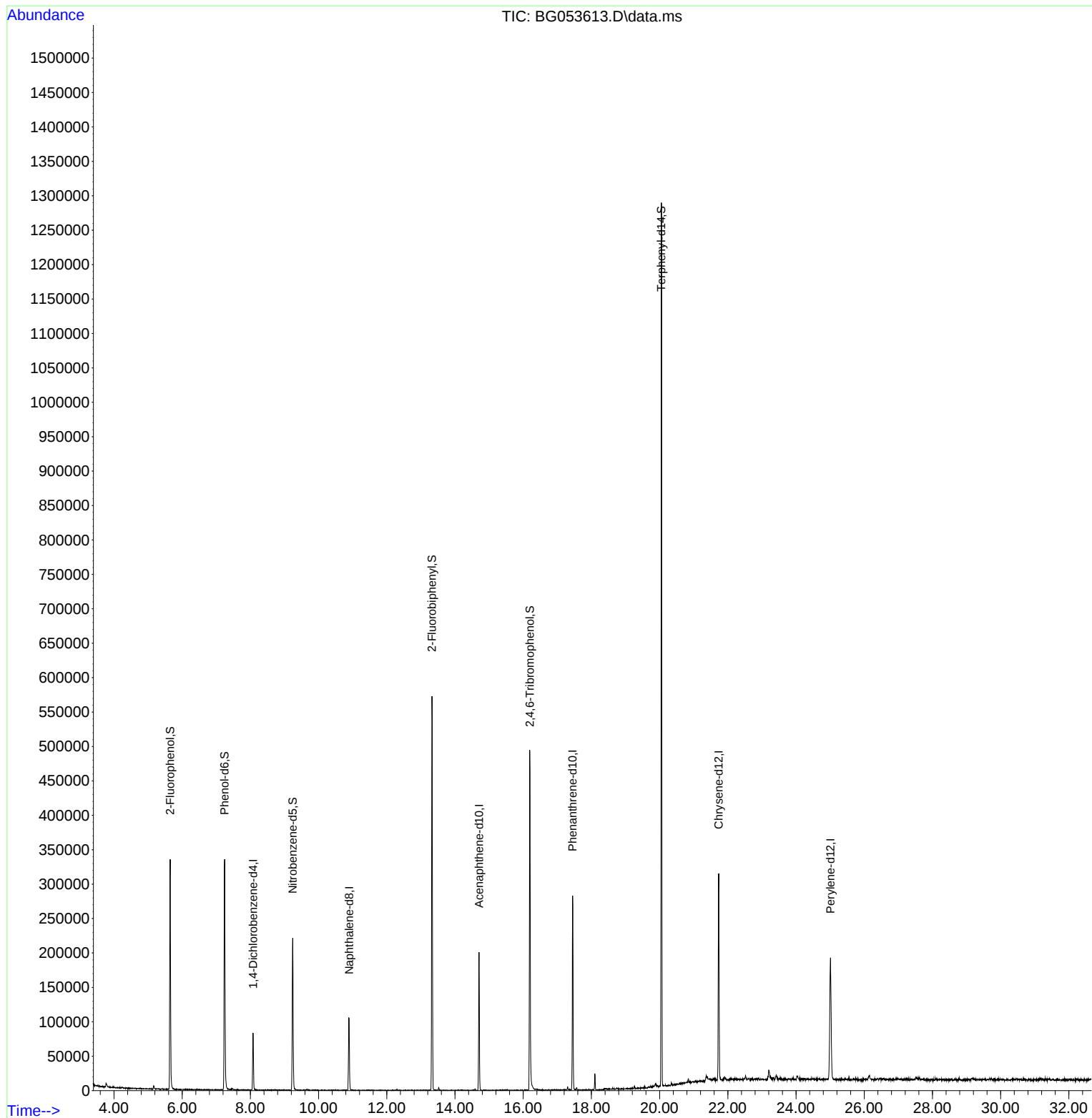
Target Compounds	Qvalue

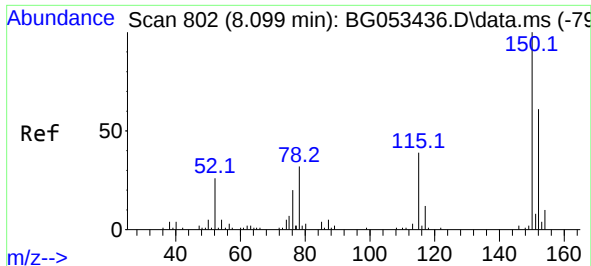
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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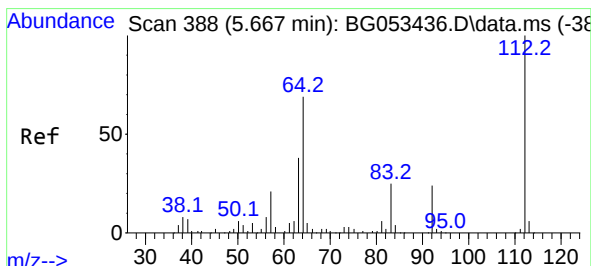
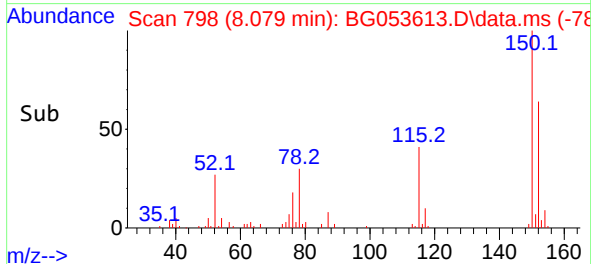
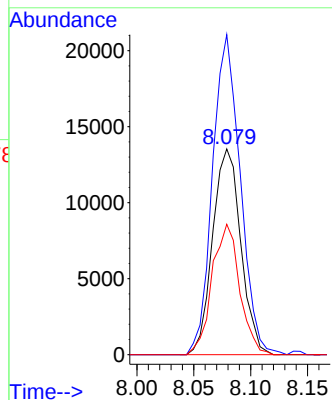
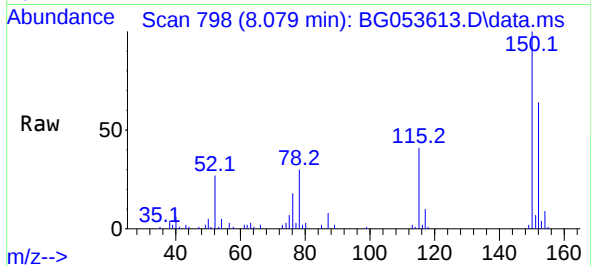




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.079 min Scan# 79
Delta R.T. -0.010 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

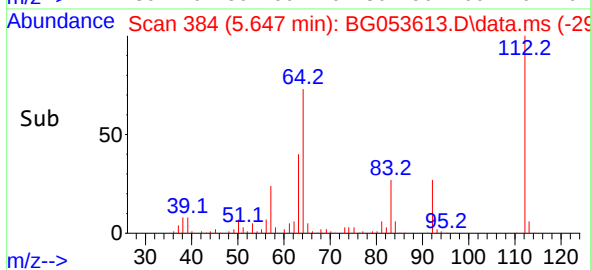
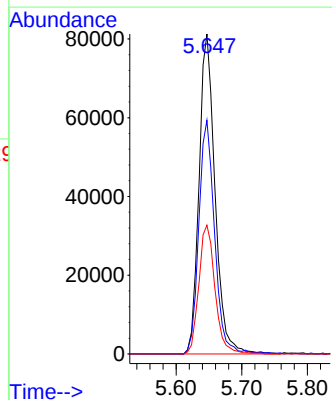
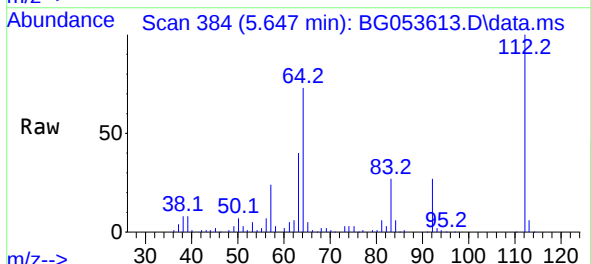
Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:152 Resp: 23330
Ion Ratio Lower Upper
152 100
150 155.5 131.6 197.4
115 63.4 50.9 76.3



#5
2-Fluorophenol
Concen: 100.348 ng
RT: 5.647 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:112 Resp: 137946
Ion Ratio Lower Upper
112 100
64 73.0 55.1 82.7
63 40.3 30.4 45.6

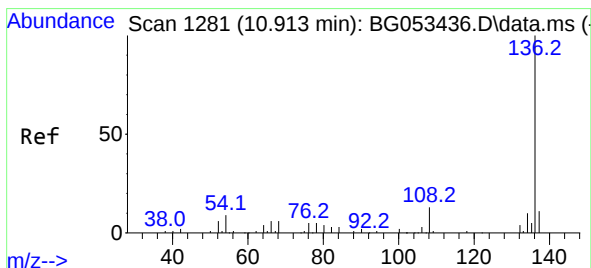
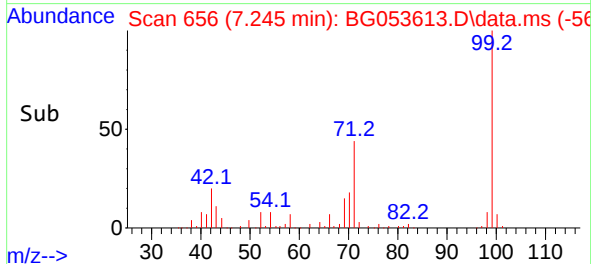
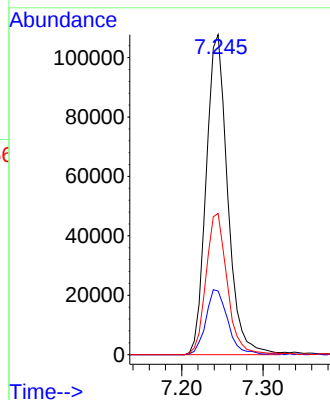
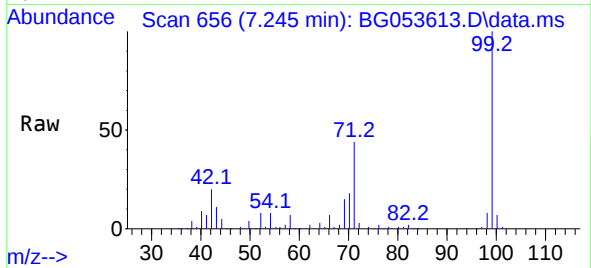




#7
Phenol-d6
Concen: 94.817 ng
RT: 7.245 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

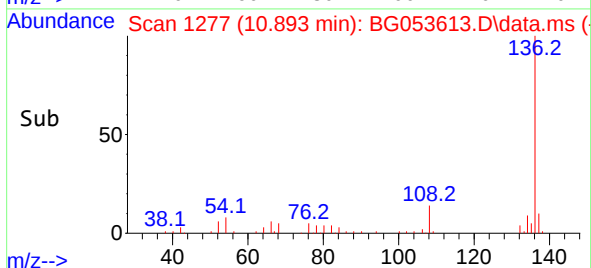
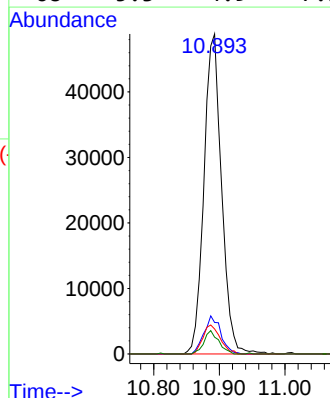
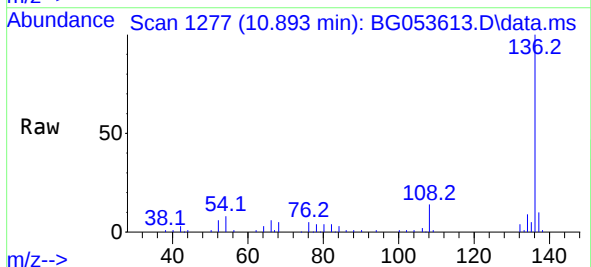
Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion: 99 Resp: 197815
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 44.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion: 136 Resp: 91336
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 7.8 7.4 11.2
68 5.3 4.9 7.3

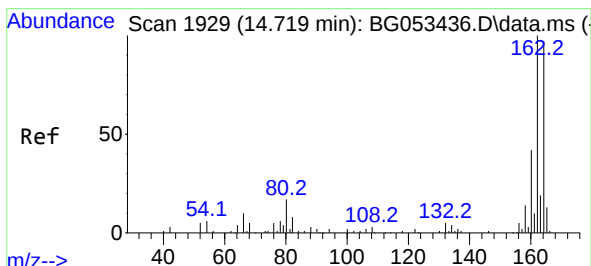
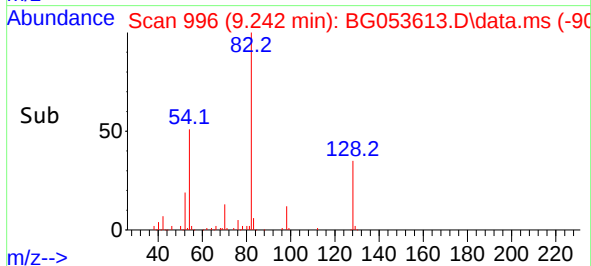
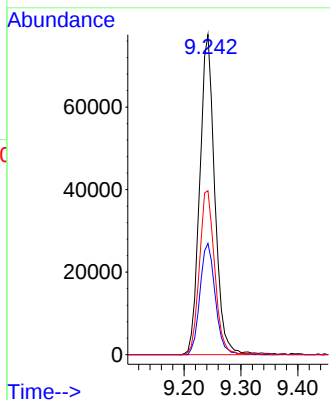
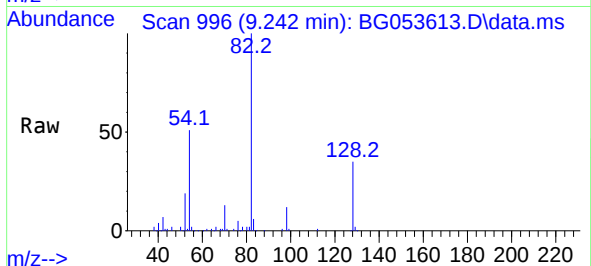




#23
Nitrobenzene-d5
Concen: 66.541 ng
RT: 9.242 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

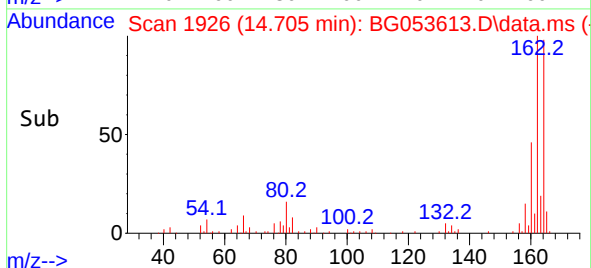
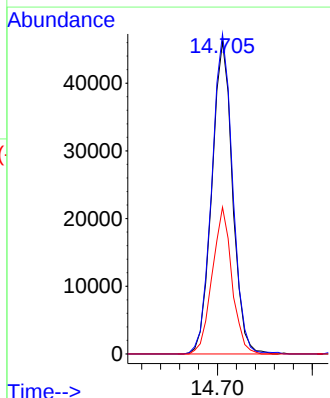
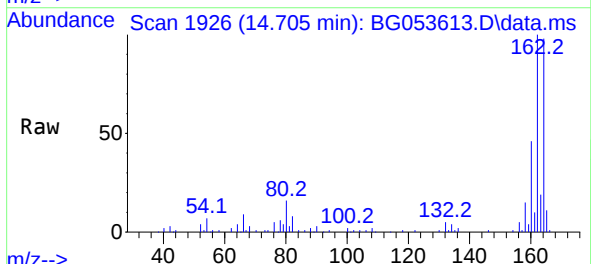
Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion: 82 Resp: 142773
Ion Ratio Lower Upper
82 100
128 34.7 27.9 41.9
54 51.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:164 Resp: 69652
Ion Ratio Lower Upper
164 100
162 102.5 82.3 123.5
160 47.0 34.2 51.2

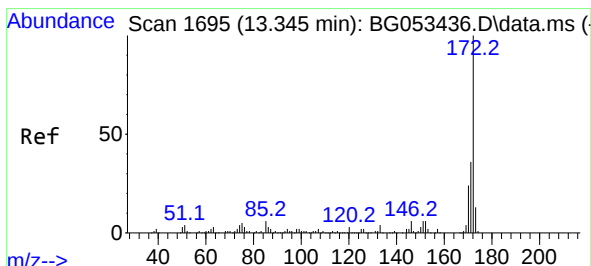
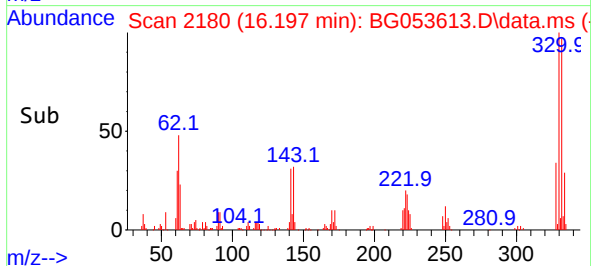
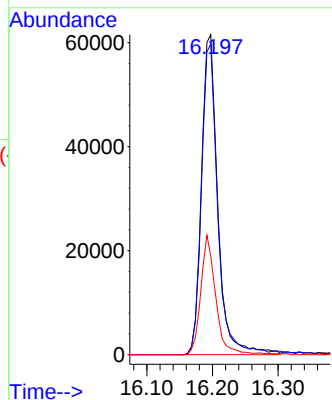
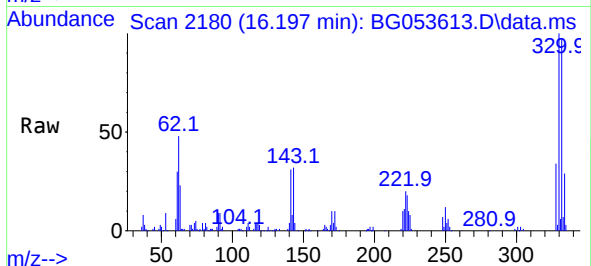




#42
2,4,6-Tribromophenol
Concen: 103.734 ng
RT: 16.197 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

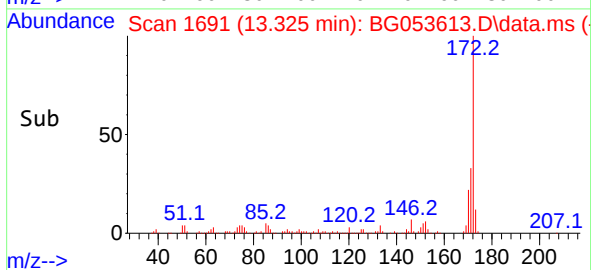
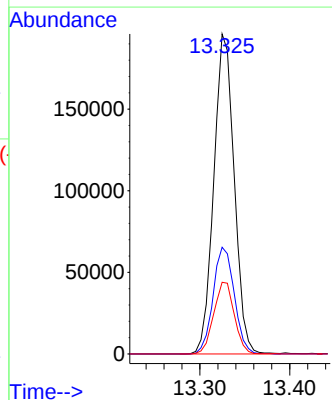
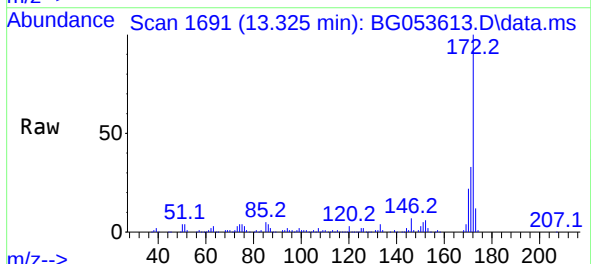
Instrument :
BNA_G
ClientSampleId :
GC-2

Tgt Ion:330 Resp: 106565
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 34.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 64.833 ng
RT: 13.325 min Scan# 1691
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:172 Resp: 309026
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 22.4 18.9 28.3

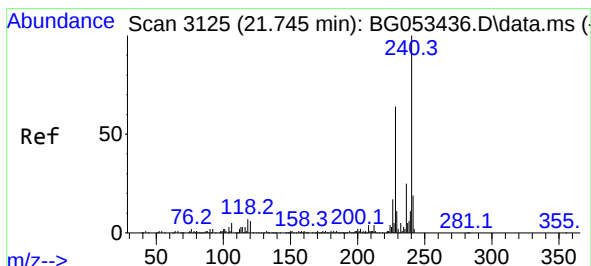
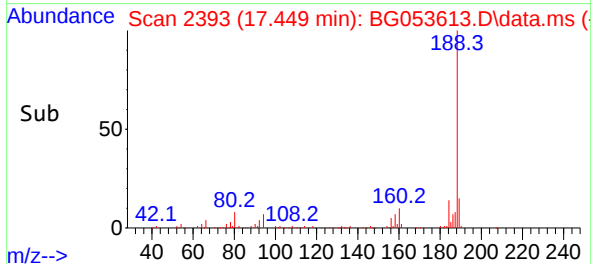
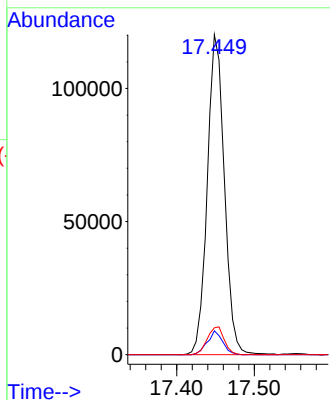
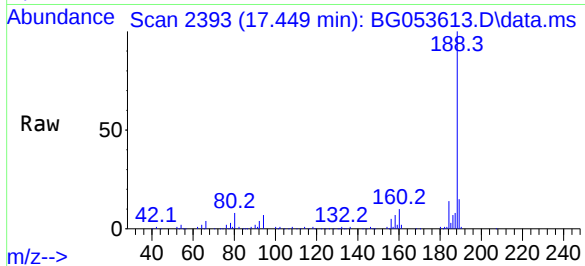




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

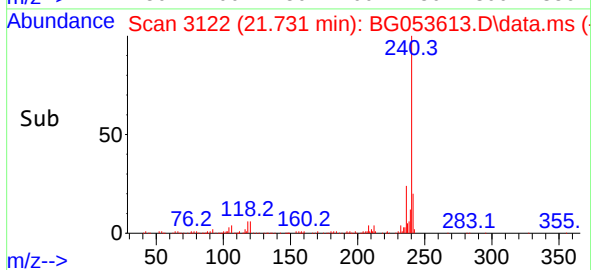
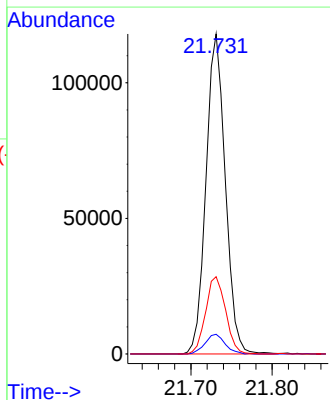
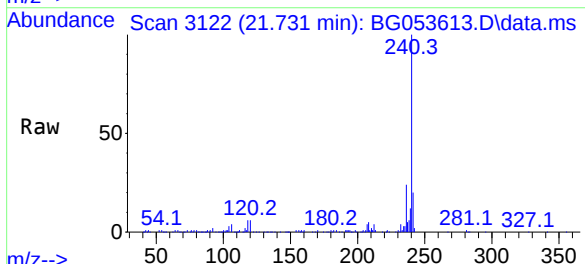
Instrument :
BNA_G
ClientSampleId :
GC-2

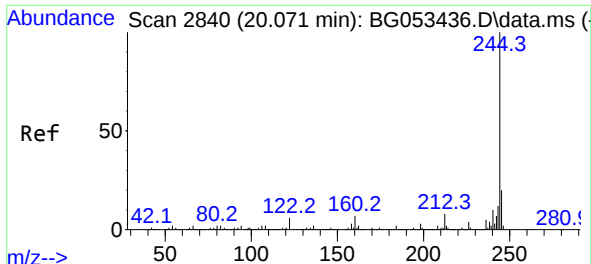
Tgt Ion:188 Resp: 184111
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BG053613.D
Acq: 18 May 2022 21:23

Tgt Ion:240 Resp: 194516
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.1 20.2 30.4

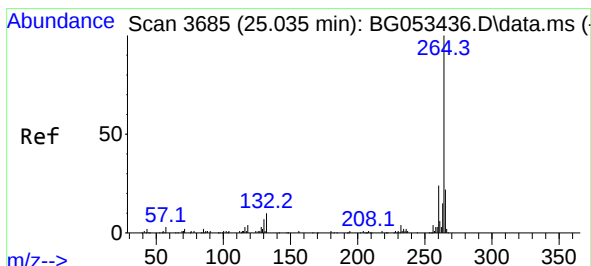
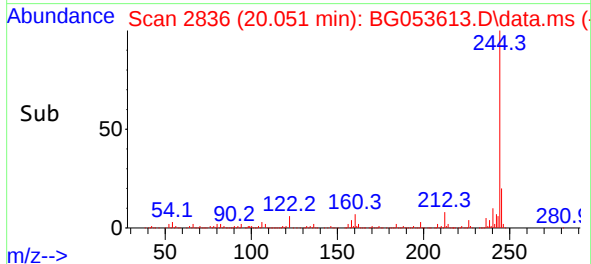
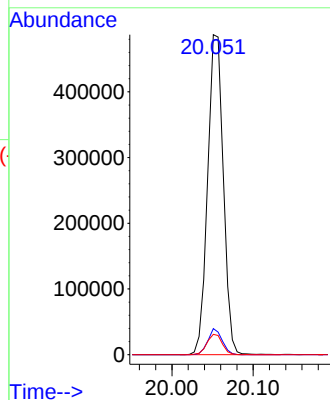
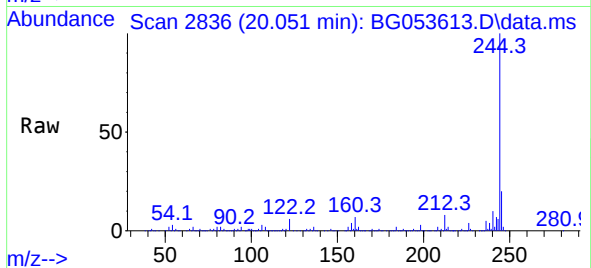




#79
 Terphenyl-d14
 Concen: 62.340 ng
 RT: 20.051 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053613.D
 Acq: 18 May 2022 21:23

Instrument :
 BNA_G
 ClientSampleId :
 GC-2

Tgt Ion:244 Resp: 651074
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.009 min Scan# 3680
 Delta R.T. -0.011 min
 Lab File: BG053613.D
 Acq: 18 May 2022 21:23

Tgt Ion:264 Resp: 197098
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.0 17.4 26.2

