

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053543.D
 Acq On : 13 May 2022 15:04
 Operator : CG/JU
 Sample : PB144735BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144735BL

Quant Time: May 14 03:13:35 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	8.087	152	24626	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	98852	20.000	ng	# 0.00
39) Acenaphthene-d10	14.708	164	78532	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	202046	20.000	ng	0.00
76) Chrysene-d12	21.733	240	219909	20.000	ng	0.00
86) Perylene-d12	25.011	264	220074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	206221	142.120	ng	0.00
7) Phenol-d6	7.247	99	303646	137.885	ng	0.00
23) Nitrobenzene-d5	9.250	82	213685	92.019	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	157237	135.753	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	490259	91.225	ng	0.00
79) Terphenyl-d14	20.059	244	1111706	94.153	ng	0.00

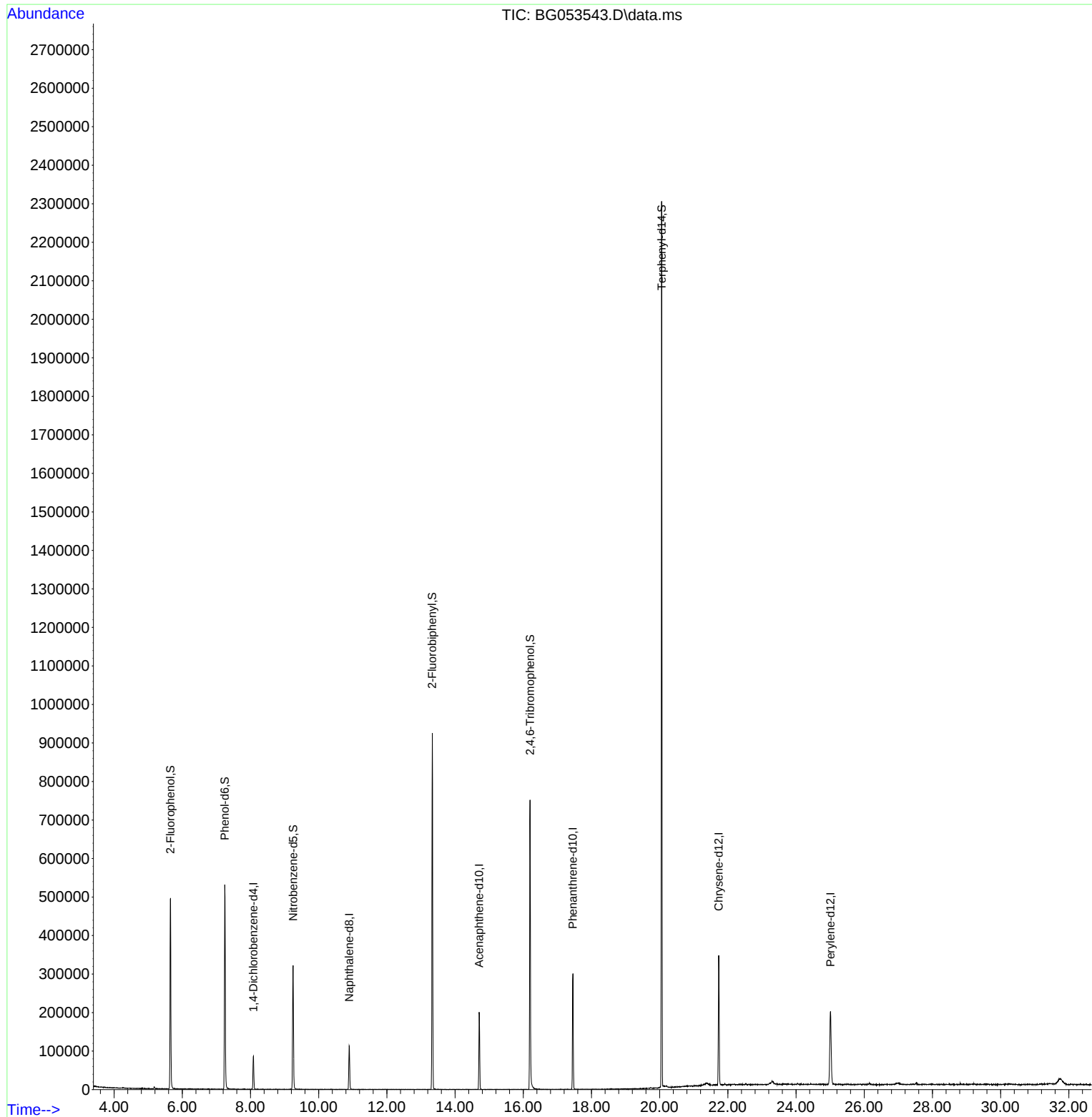
Target Compounds	Qvalue

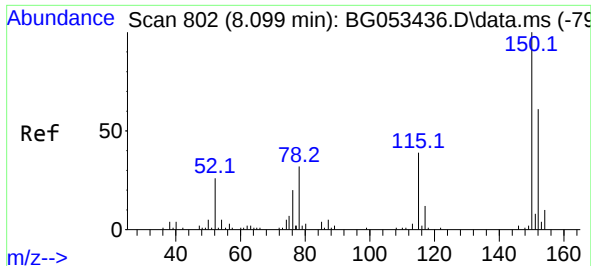
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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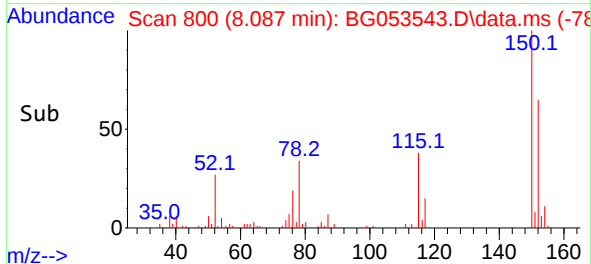
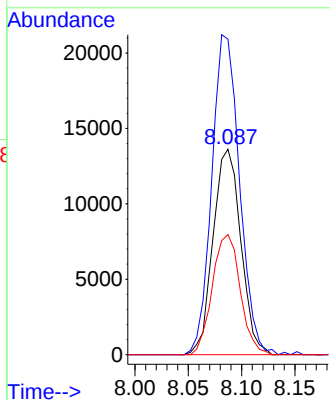
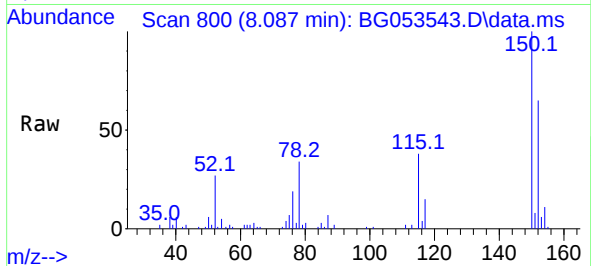




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

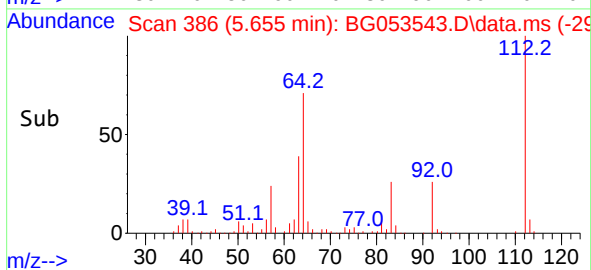
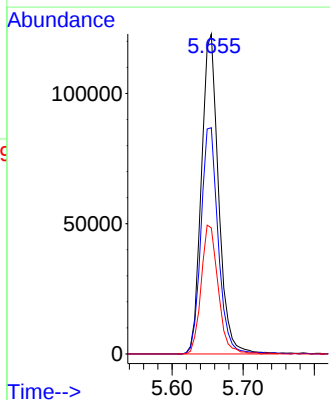
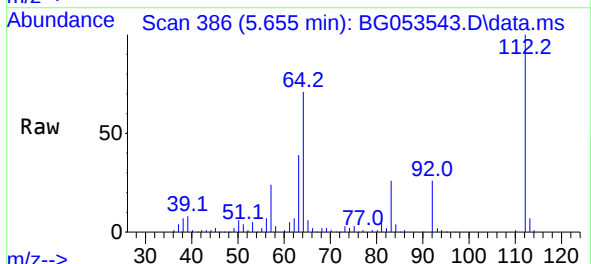
Instrument :
BNA_G
ClientSampleId :
PB144735BL

Tgt Ion:152 Resp: 24626
Ion Ratio Lower Upper
152 100
150 153.6 131.6 197.4
115 58.5 50.9 76.3



#5
2-Fluorophenol
Concen: 142.120 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

Tgt Ion:112 Resp: 206221
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 39.4 30.4 45.6

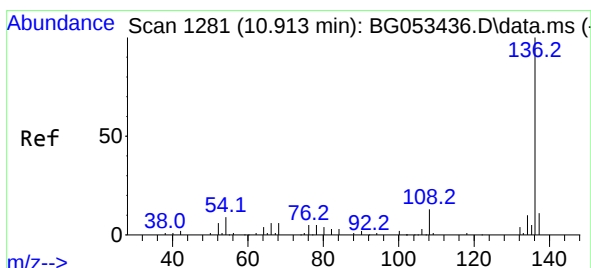
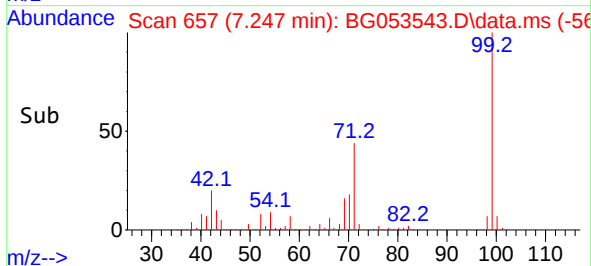
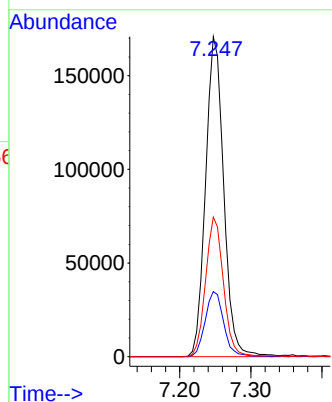
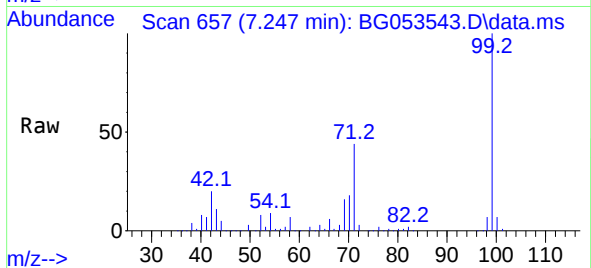




#7
Phenol-d6
Concen: 137.885 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

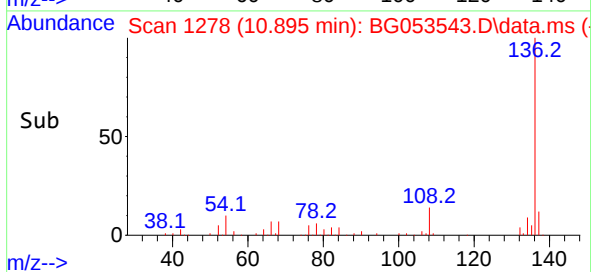
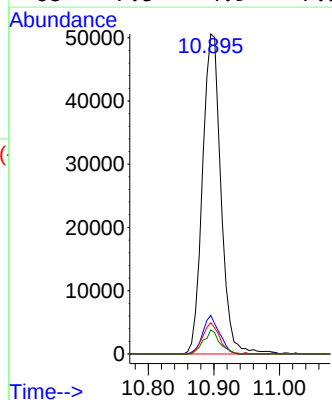
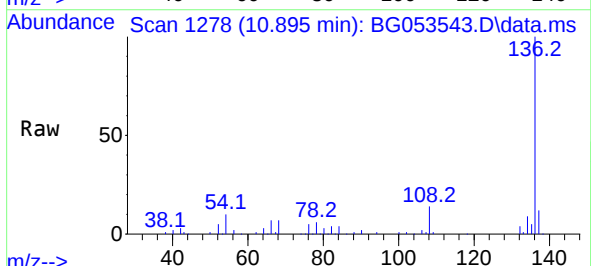
Instrument :
BNA_G
ClientSampleId :
PB144735BL

Tgt Ion: 99 Resp: 303646
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

Tgt Ion: 136 Resp: 98852
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 9.8 7.4 11.2
68 7.5 4.9 7.3#

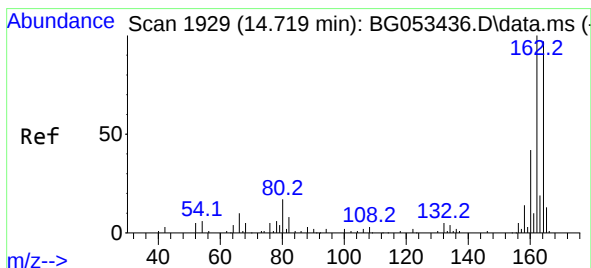
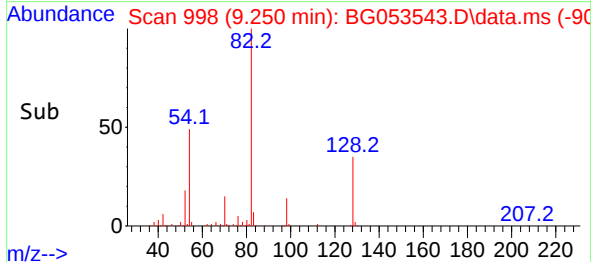
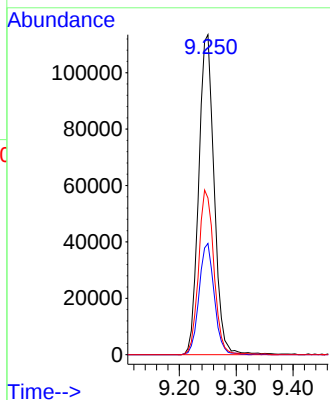
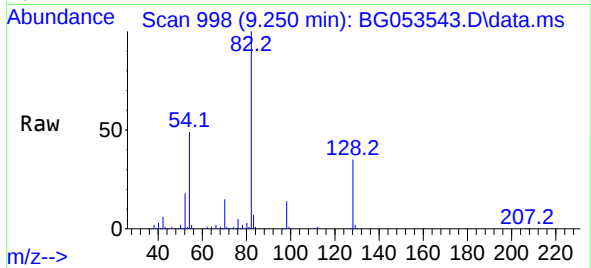




#23
Nitrobenzene-d5
Concen: 92.019 ng
RT: 9.250 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

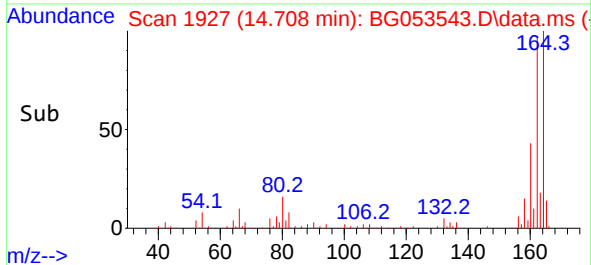
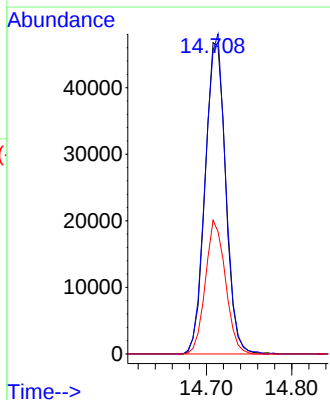
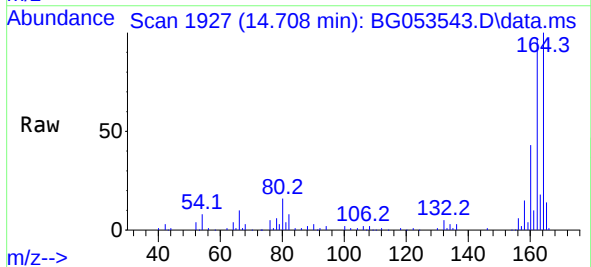
Instrument :
BNA_G
ClientSampleId :
PB144735BL

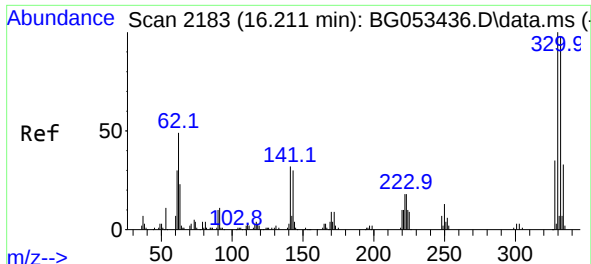
Tgt Ion: 82 Resp: 213685
Ion Ratio Lower Upper
82 100
128 34.7 27.9 41.9
54 48.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

Tgt Ion: 164 Resp: 78532
Ion Ratio Lower Upper
164 100
162 97.4 82.3 123.5
160 42.9 34.2 51.2

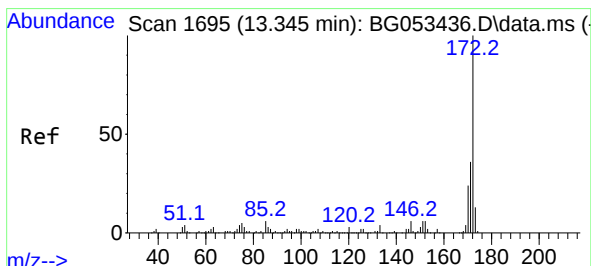
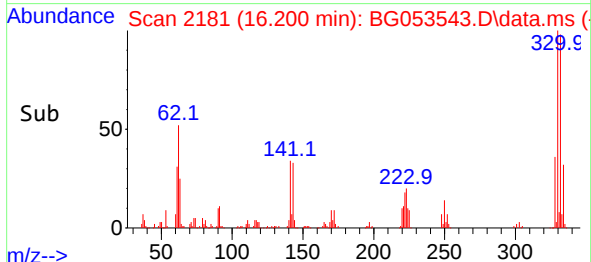
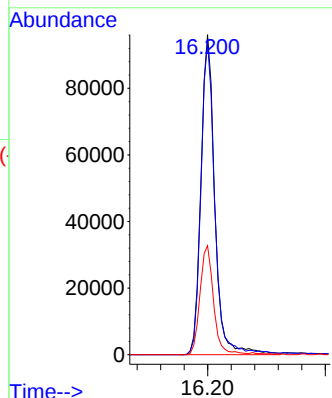
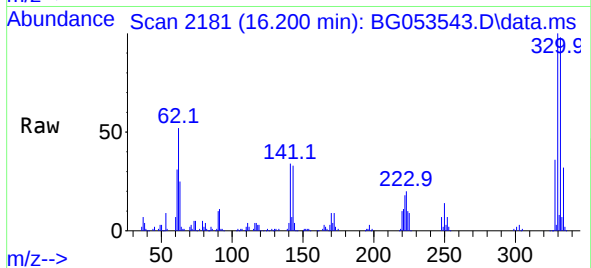




#42
2,4,6-Tribromophenol
Concen: 135.753 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

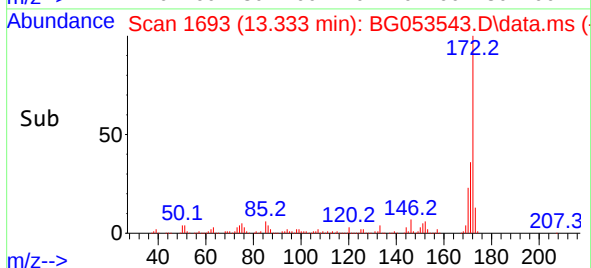
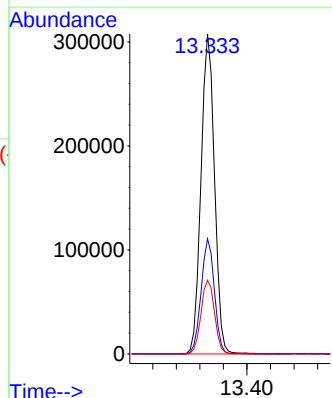
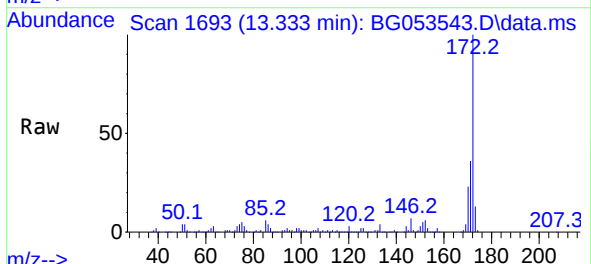
Instrument :
BNA_G
ClientSampleId :
PB144735BL

Tgt Ion:330 Resp: 157237
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 33.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 91.225 ng
RT: 13.333 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

Tgt Ion:172 Resp: 490259
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.1 18.9 28.3

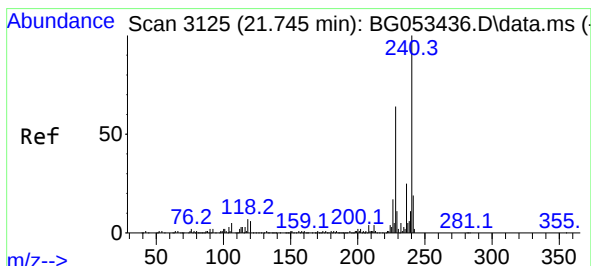
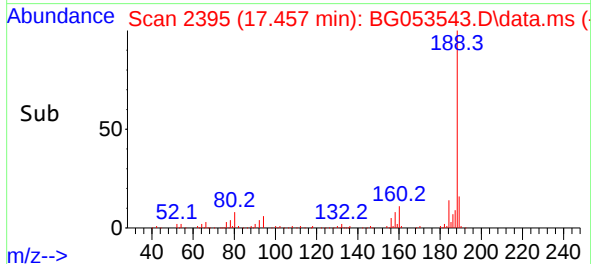
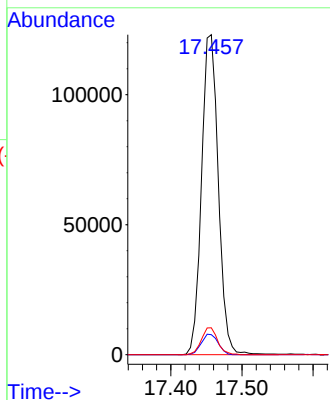
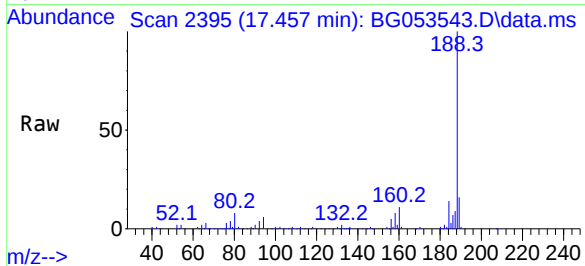




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

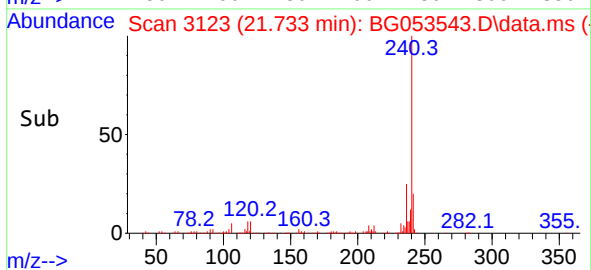
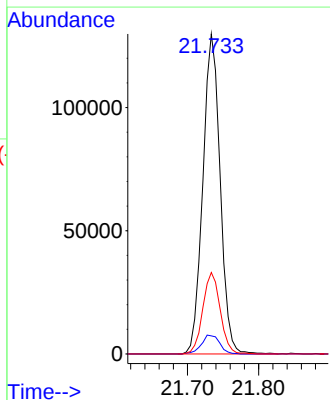
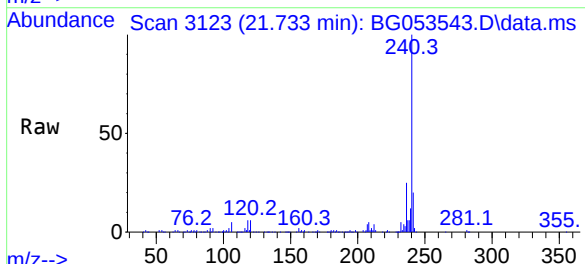
Instrument :
BNA_G
ClientSampleId :
PB144735BL

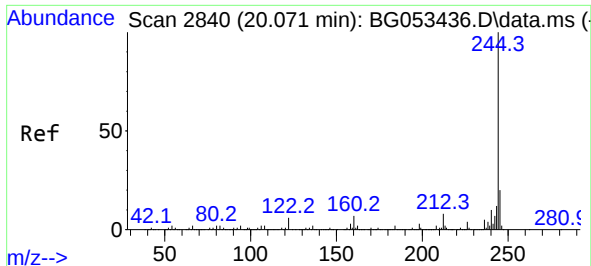
Tgt Ion:188 Resp: 202046
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053543.D
Acq: 13 May 2022 15:04

Tgt Ion:240 Resp: 219909
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 25.4 20.2 30.4

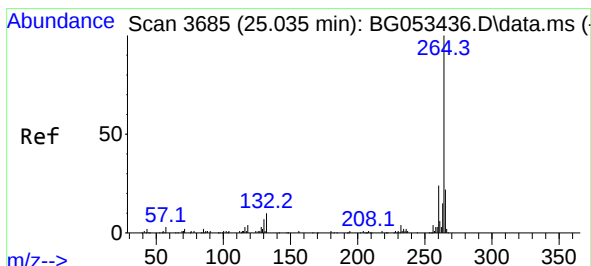
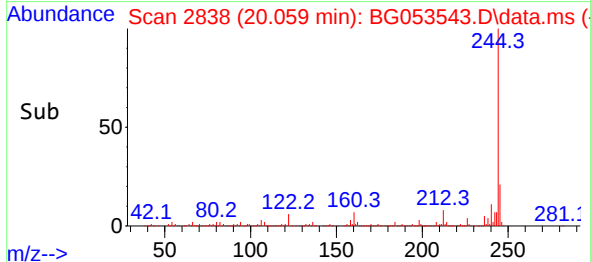
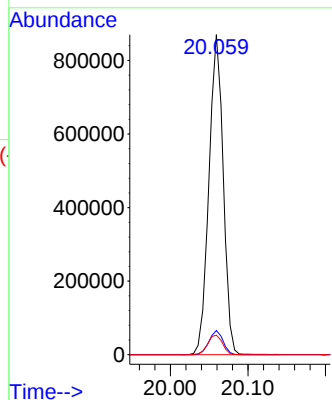
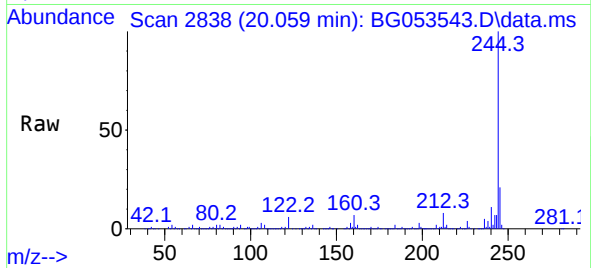




#79
 Terphenyl-d14
 Concen: 94.153 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053543.D
 Acq: 13 May 2022 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB144735BL

Tgt Ion:244 Resp: 1111706
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053543.D
 Acq: 13 May 2022 15:04

Tgt Ion:264 Resp: 220074
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.9 17.4 26.2

