

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053655.D
 Acq On : 20 May 2022 22:21
 Operator : CG/JU
 Sample : N2959-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 284

Quant Time: May 23 01:35:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	38614	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	153297	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	106117	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	215350	20.000	ng	0.00
76) Chrysene-d12	21.722	240	190778	20.000	ng	#-0.01
86) Perylene-d12	25.000	264	188695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	229391	100.820	ng	0.00
7) Phenol-d6	7.242	99	345649	100.100	ng	0.00
23) Nitrobenzene-d5	9.233	82	243275	67.554	ng	0.00
42) 2,4,6-Tribromophenol	16.189	330	137363	87.766	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	522407	71.938	ng	0.00
79) Terphenyl-d14	20.048	244	722645	70.548	ng	0.00

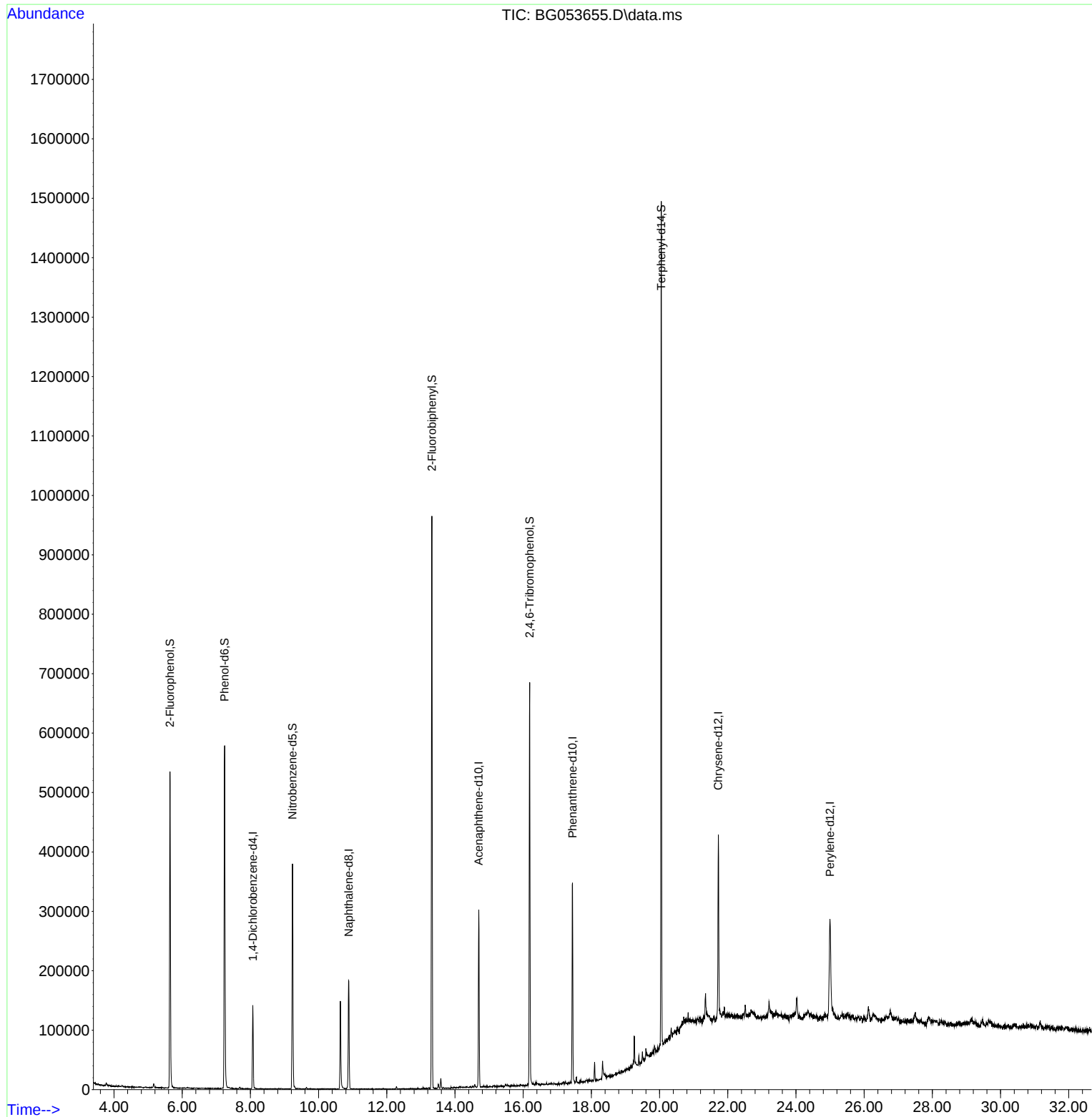
Target Compounds	Qvalue

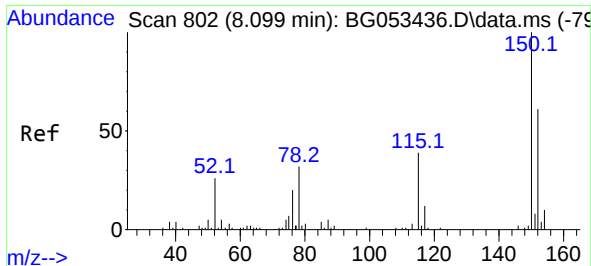
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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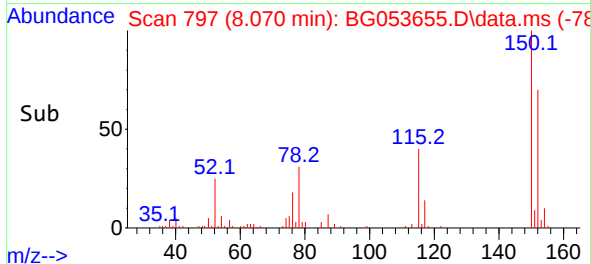
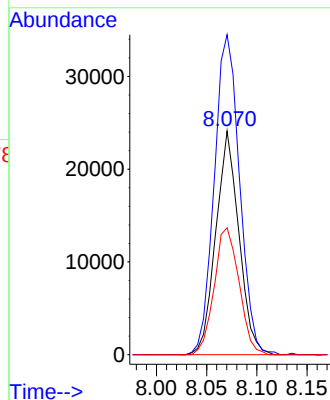
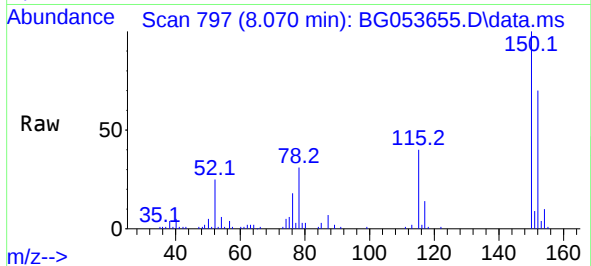




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

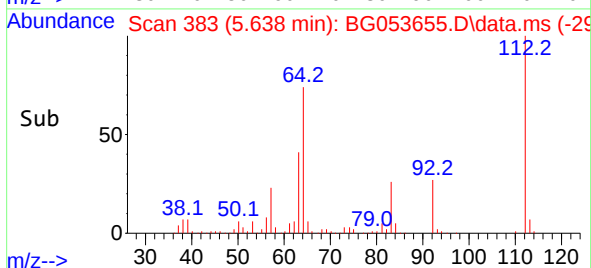
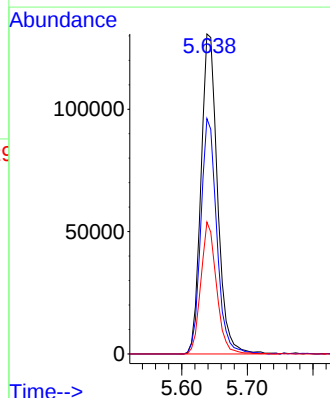
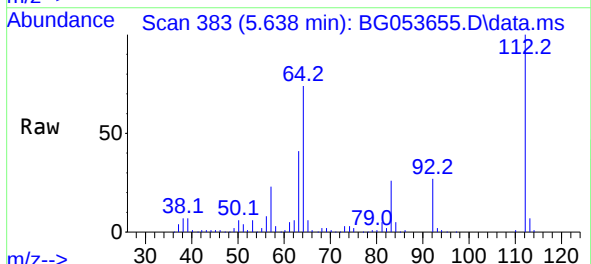
Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion:152 Resp: 38614
Ion Ratio Lower Upper
152 100
150 143.1 131.6 197.4
115 56.7 50.9 76.3



#5
2-Fluorophenol
Concen: 100.820 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:112 Resp: 229391
Ion Ratio Lower Upper
112 100
64 73.6 55.1 82.7
63 41.2 30.4 45.6

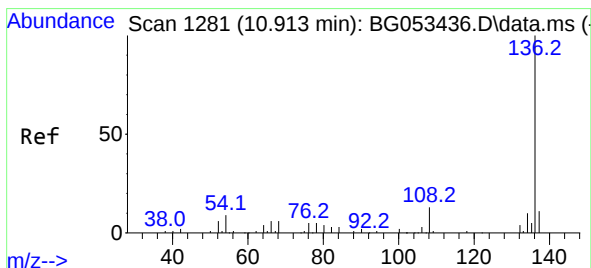
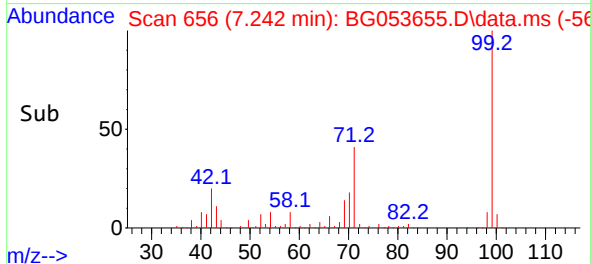
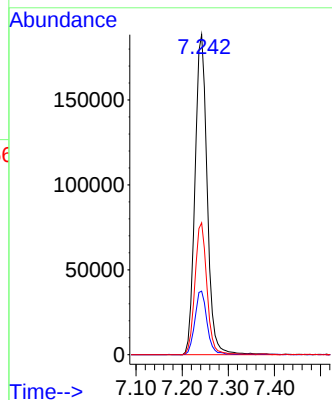
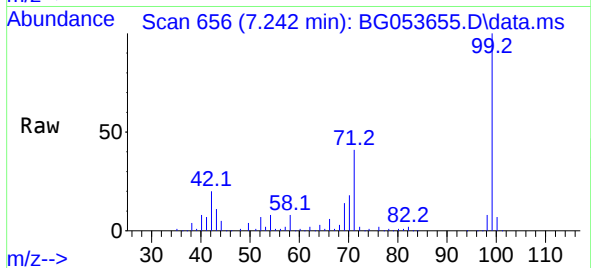




#7
Phenol-d6
Concen: 100.100 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

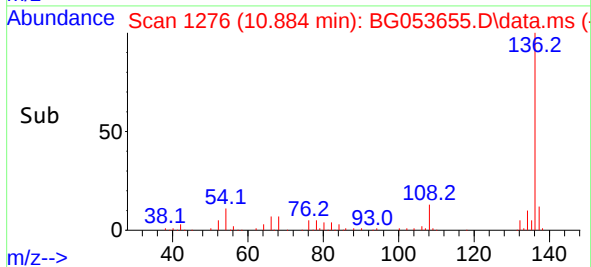
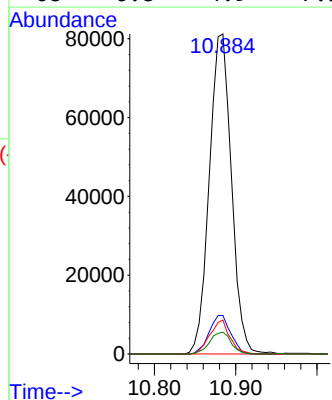
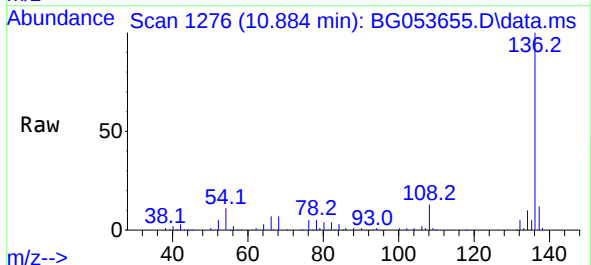
Instrument :
BNA_G
ClientSampleId :
284

Tgt Ion: 99 Resp: 345649
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 41.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1276
Delta R.T. 0.001 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion: 136 Resp: 153297
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 10.6 7.4 11.2
68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 67.554 ng

RT: 9.233 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG053655.D

Acq: 20 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

284

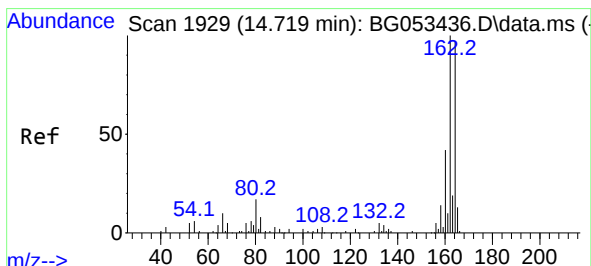
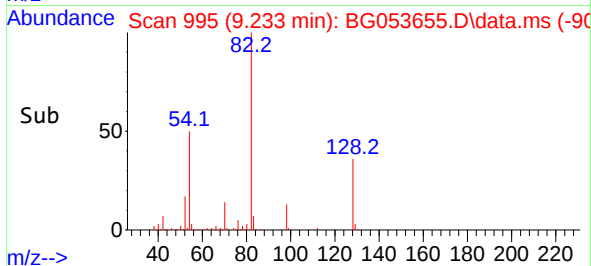
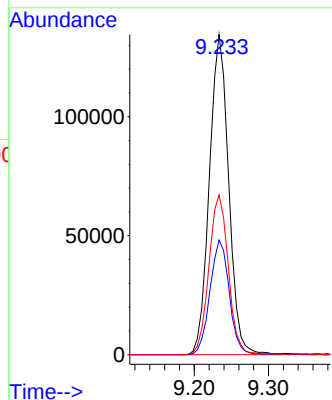
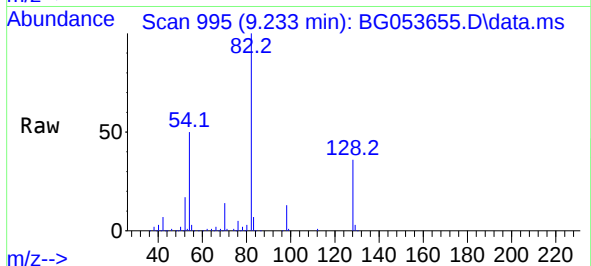
Tgt Ion: 82 Resp: 243275

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

54 49.9 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.697 min Scan# 1925

Delta R.T. -0.005 min

Lab File: BG053655.D

Acq: 20 May 2022 22:21

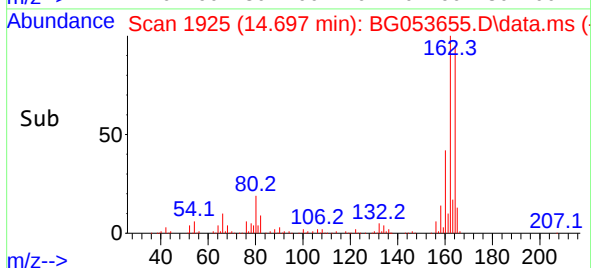
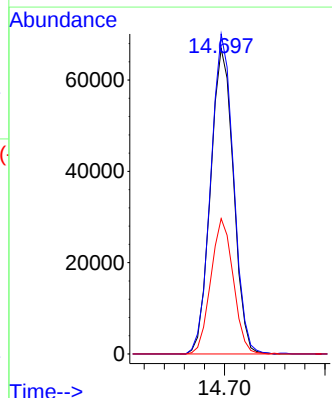
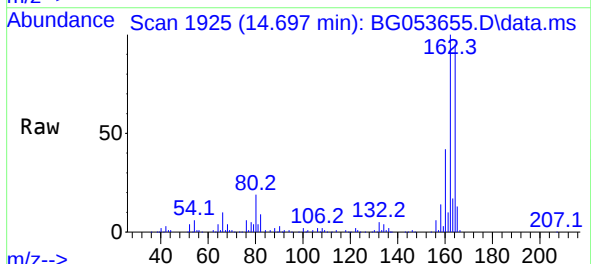
Tgt Ion: 164 Resp: 106117

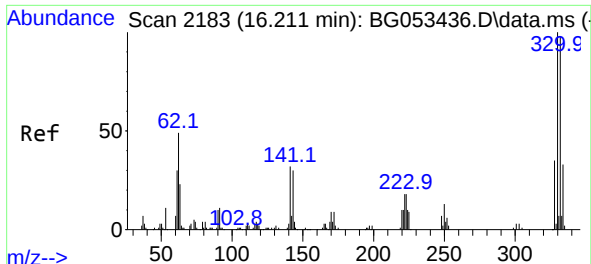
Ion Ratio Lower Upper

164 100

162 104.8 82.3 123.5

160 44.3 34.2 51.2

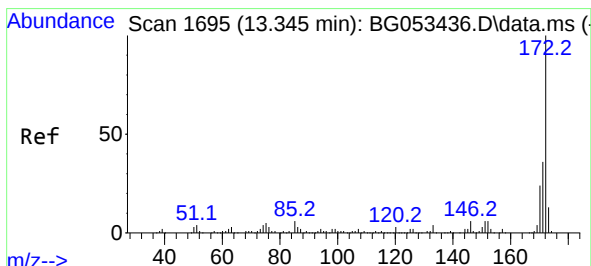
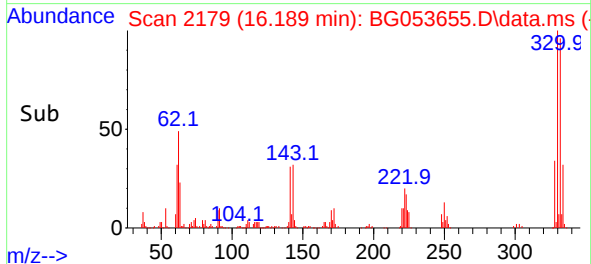
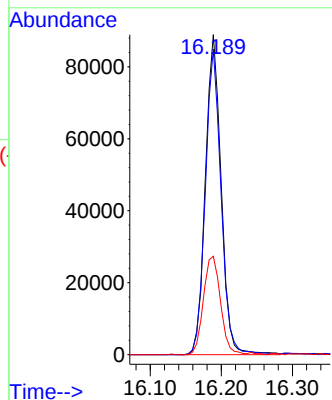
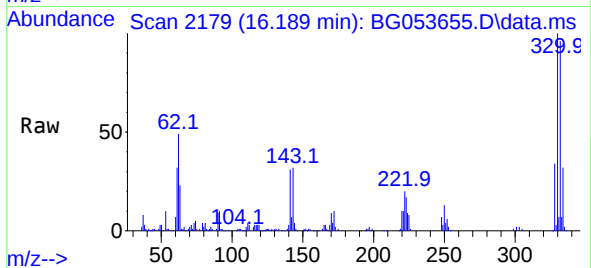




#42
2,4,6-Tribromophenol
Concen: 87.766 ng
RT: 16.189 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

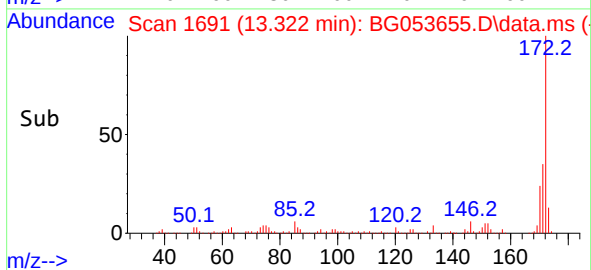
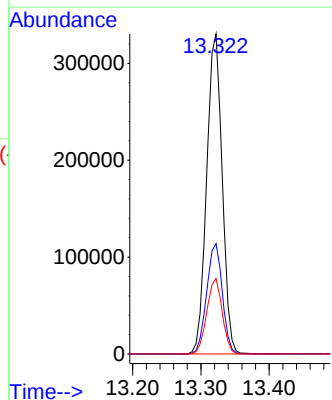
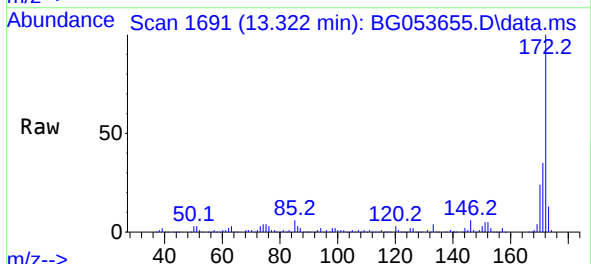
Instrument :
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284

Tgt Ion:330 Resp: 137363
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 33.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 71.938 ng
RT: 13.322 min Scan# 1691
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:172 Resp: 522407
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.6 18.9 28.3

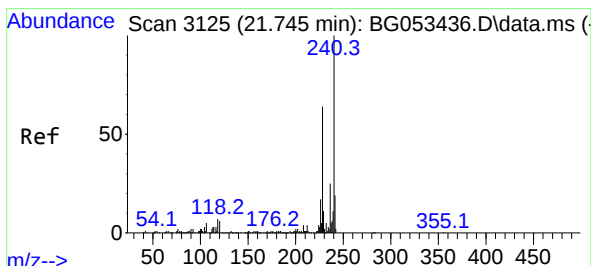
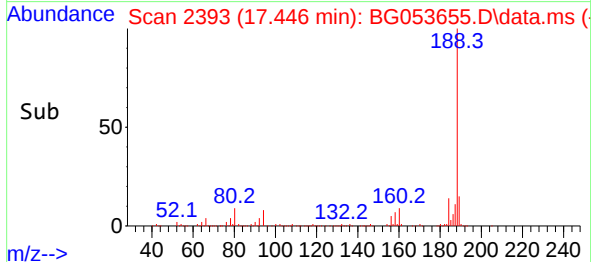
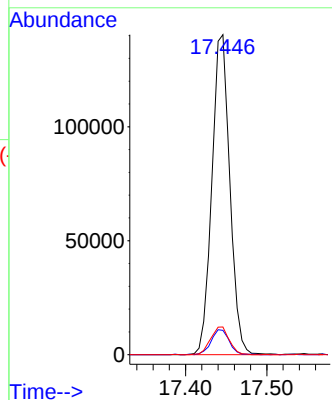
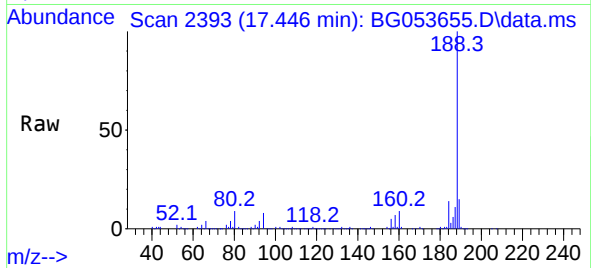




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

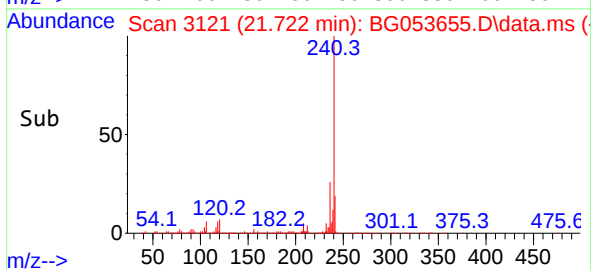
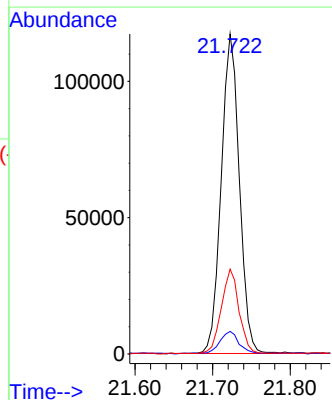
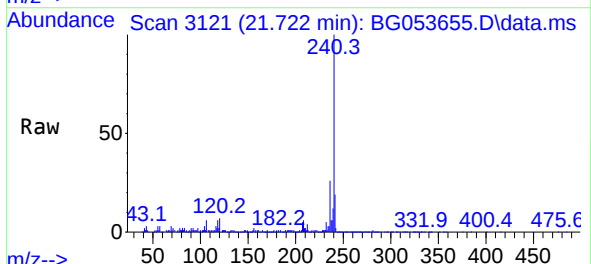
Instrument :
BNA_G
ClientSampleId :
284

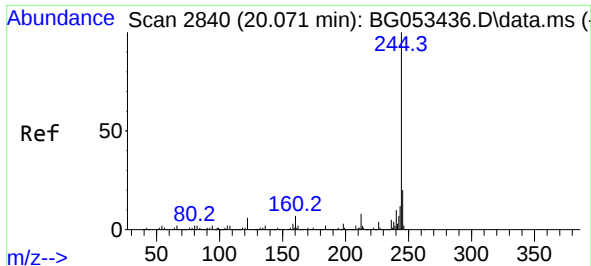
Tgt Ion:188 Resp: 215350
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG053655.D
Acq: 20 May 2022 22:21

Tgt Ion:240 Resp: 190778
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 26.5 20.2 30.4

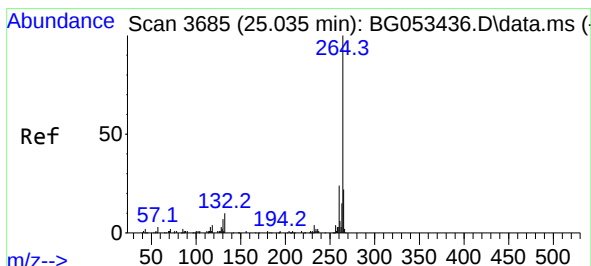
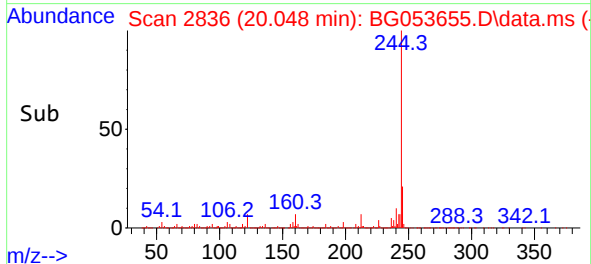
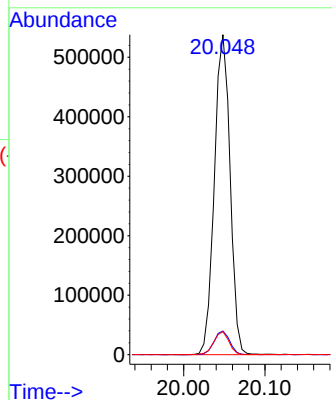
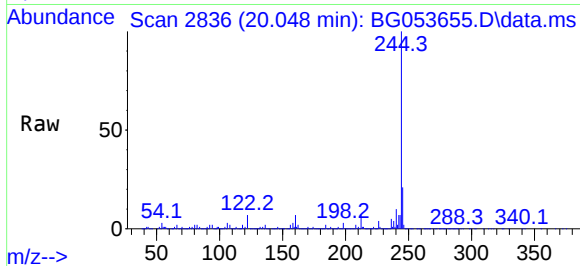




#79
 Terphenyl-d14
 Concen: 70.548 ng
 RT: 20.048 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053655.D
 Acq: 20 May 2022 22:21

Instrument :
 BNA_G
 ClientSampleId :
 284

Tgt Ion:244 Resp: 722645
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 7.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.000 min Scan# 3679
 Delta R.T. -0.005 min
 Lab File: BG053655.D
 Acq: 20 May 2022 22:21

Tgt Ion:264 Resp: 188695
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 20.3 17.4 26.2

