

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
 Data File : BG053529.D
 Acq On : 12 May 2022 10:40
 Operator : CG/JU
 Sample : PB144721BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144721BL

Quant Time: May 13 06:36:03 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	23395	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	102455	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	83855	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	221323	20.000	ng	0.00
76) Chrysene-d12	21.733	240	226671	20.000	ng	0.00
86) Perylene-d12	25.017	264	227401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	214155	155.354	ng	0.00
7) Phenol-d6	7.247	99	312999	149.611	ng	0.00
23) Nitrobenzene-d5	9.250	82	221477	92.020	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	176567	142.765	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	541270	94.323	ng	0.00
79) Terphenyl-d14	20.059	244	1166436	95.842	ng	0.00

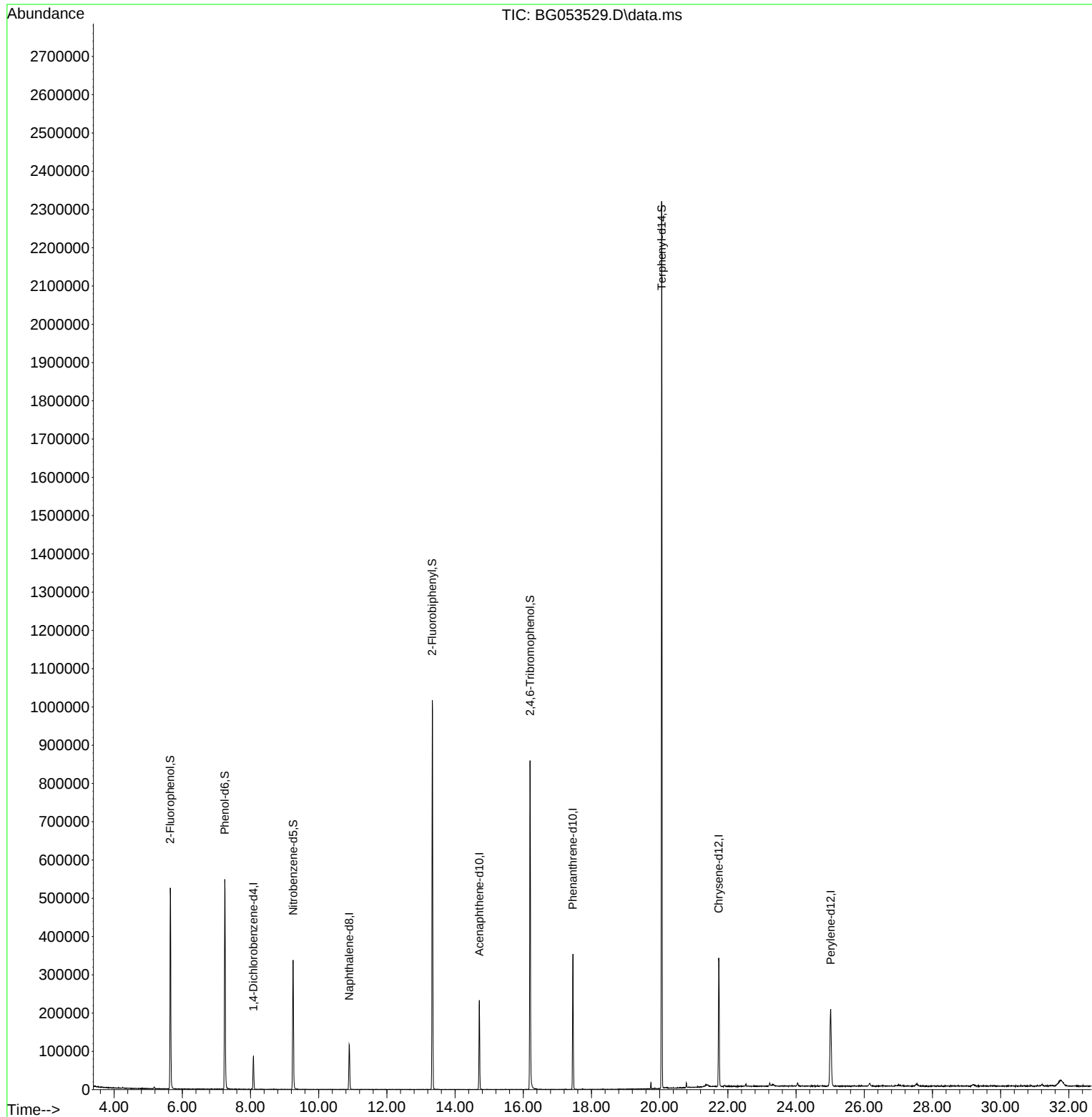
Target Compounds	Qvalue

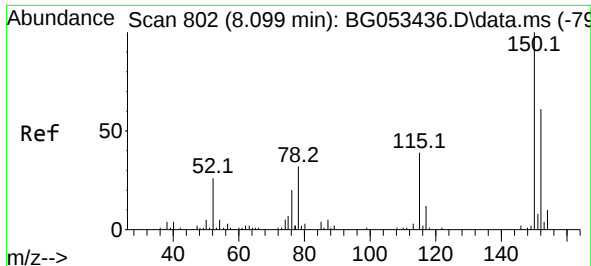
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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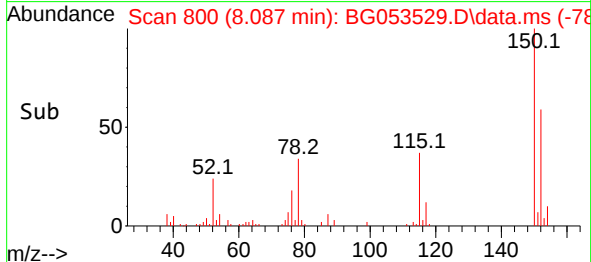
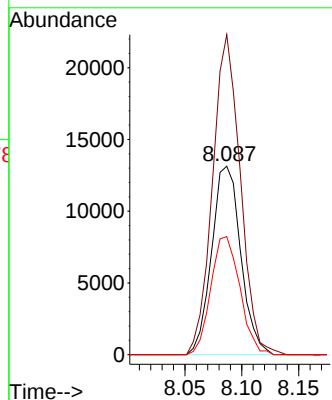
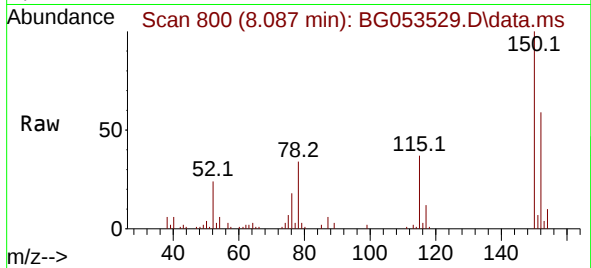




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

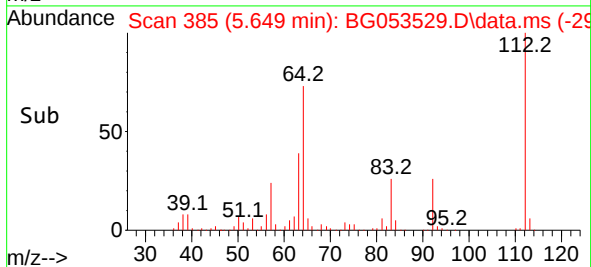
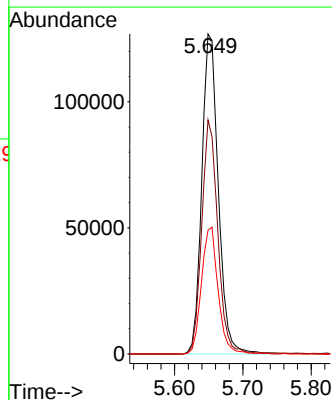
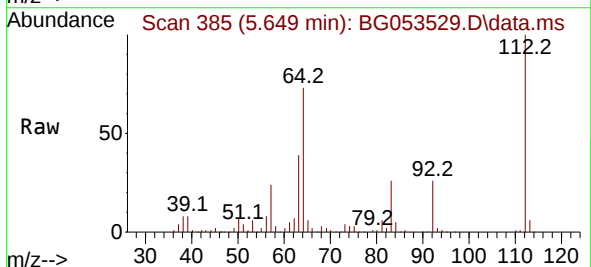
Instrument :
BNA_G
ClientSampleId :
PB144721BL

Tgt Ion:152 Resp: 23395
Ion Ratio Lower Upper
152 100
150 169.7 131.6 197.4
115 62.6 50.9 76.3



#5
2-Fluorophenol
Concen: 155.354 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

Tgt Ion:112 Resp: 214155
Ion Ratio Lower Upper
112 100
64 73.2 55.1 82.7
63 38.7 30.4 45.6

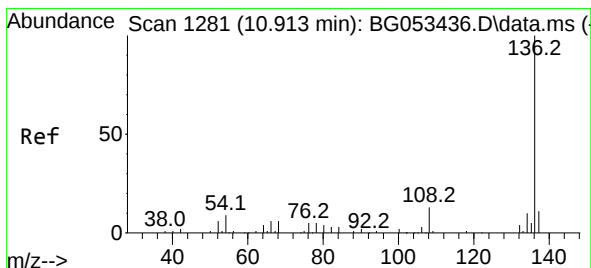
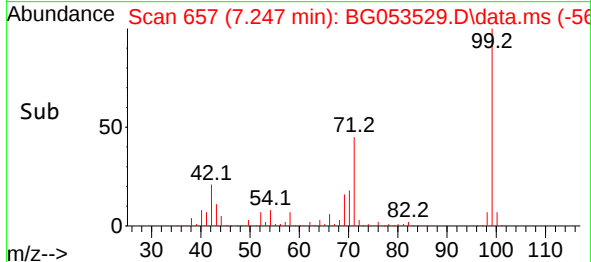
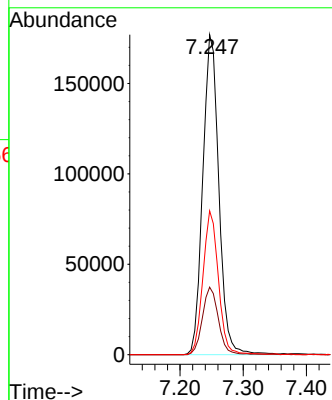
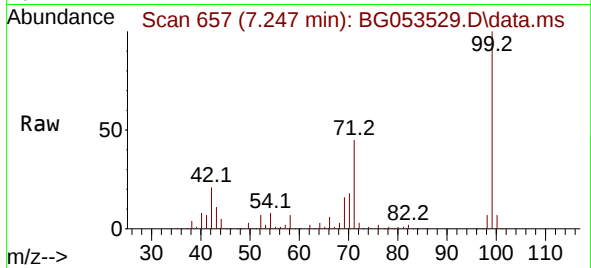




#7
Phenol-d6
Concen: 149.611 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

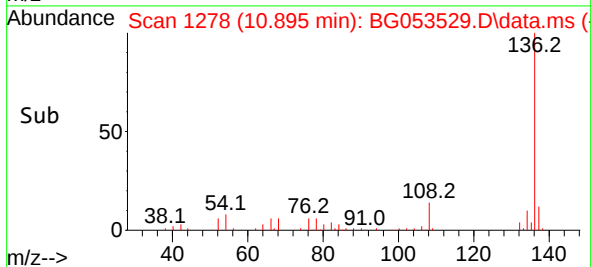
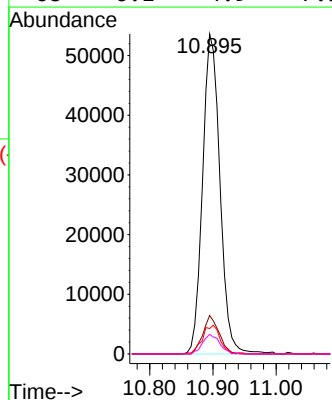
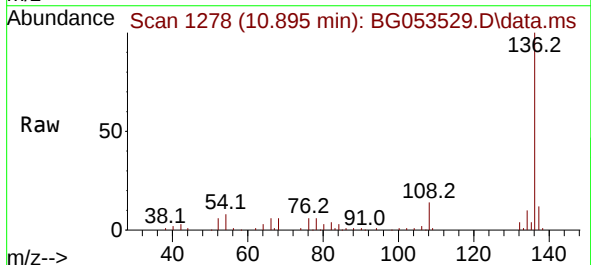
Instrument :
BNA_G
ClientSampleId :
PB144721BL

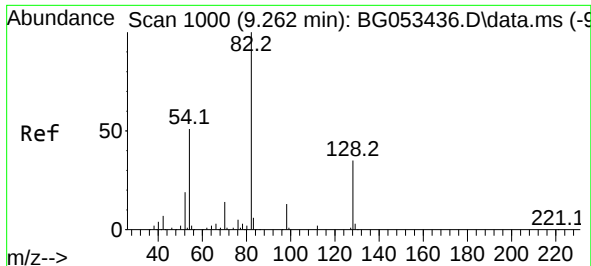
Tgt Ion: 99 Resp: 312999
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 45.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 1278
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

Tgt Ion: 136 Resp: 102455
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 7.9 7.4 11.2
68 6.1 4.9 7.3

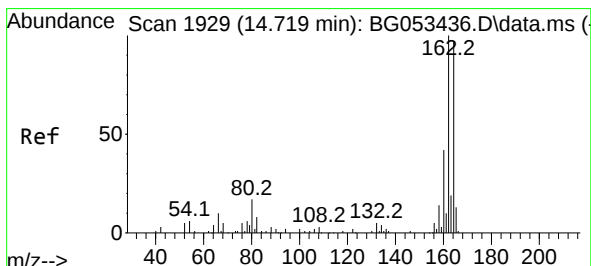
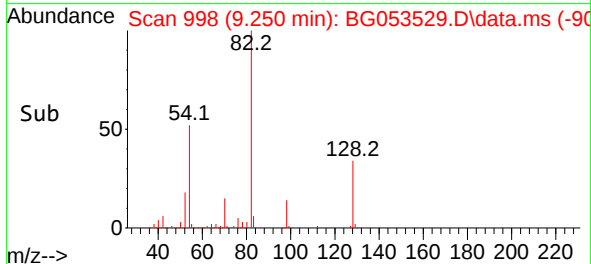
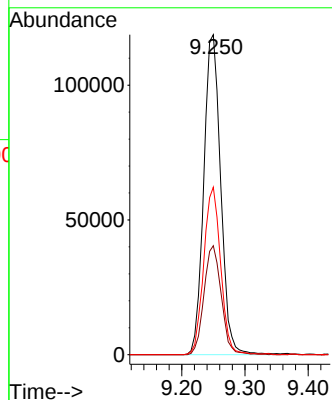
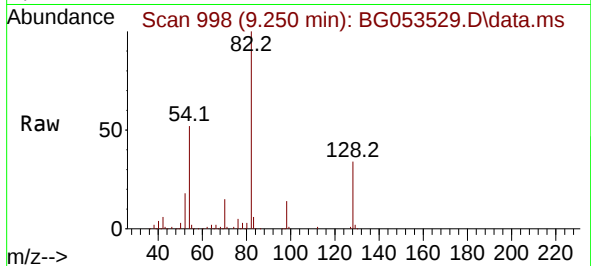




#23
Nitrobenzene-d5
Concen: 92.020 ng
RT: 9.250 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

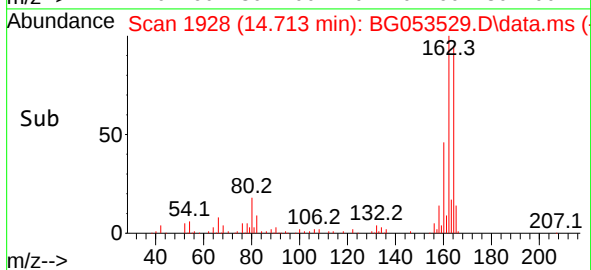
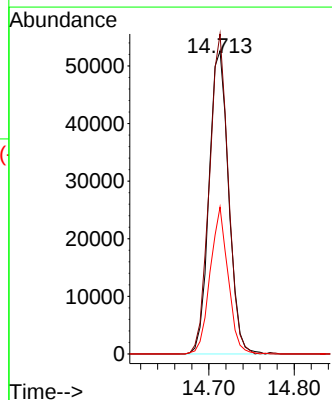
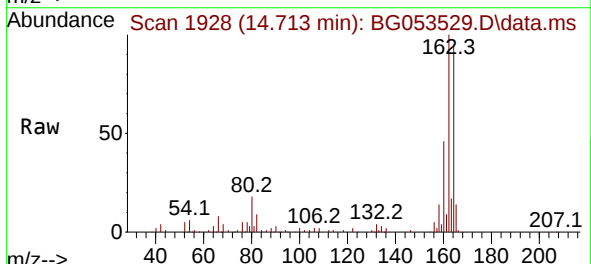
Instrument :
BNA_G
ClientSampleId :
PB144721BL

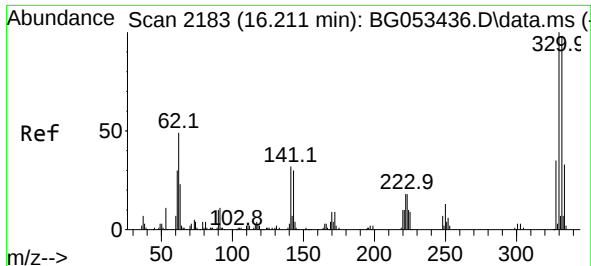
Tgt Ion: 82 Resp: 221477
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 52.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

Tgt Ion:164 Resp: 83855
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 48.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 142.765 ng

RT: 16.199 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053529.D

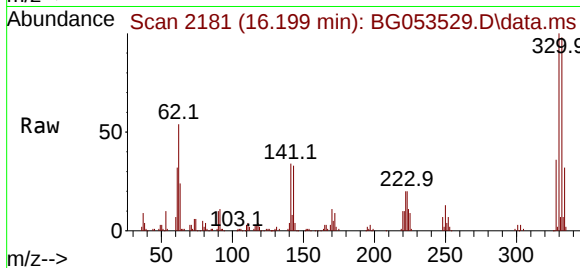
Acq: 12 May 2022 10:40

Instrument :

BNA_G

ClientSampleId :

PB144721BL



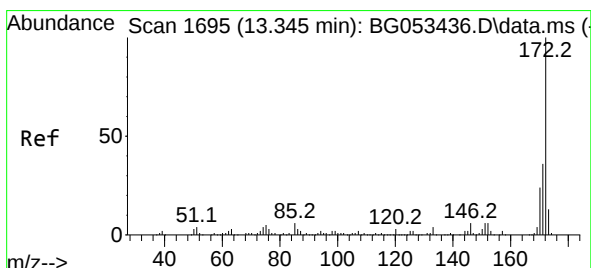
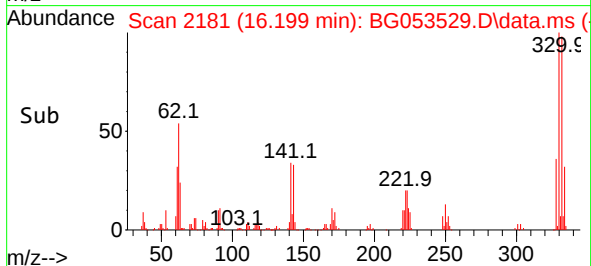
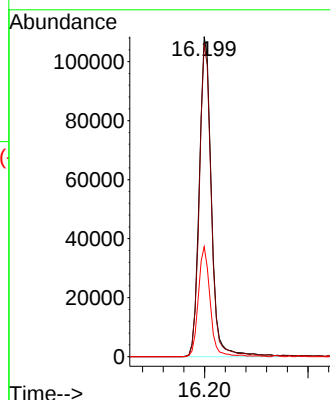
Tgt Ion:330 Resp: 176567

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 94.323 ng

RT: 13.333 min Scan# 1693

Delta R.T. -0.003 min

Lab File: BG053529.D

Acq: 12 May 2022 10:40

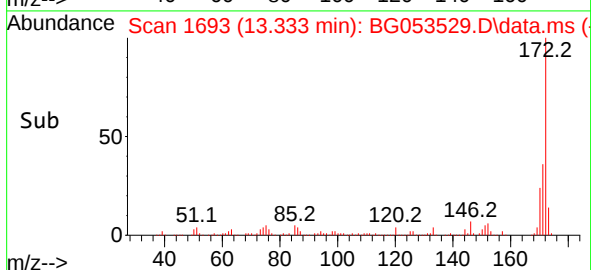
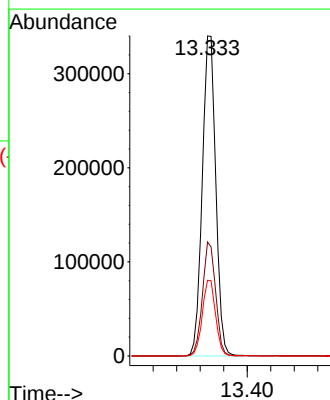
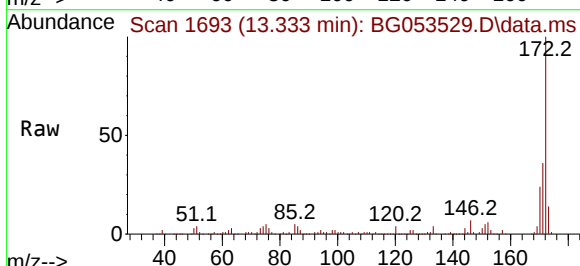
Tgt Ion:172 Resp: 541270

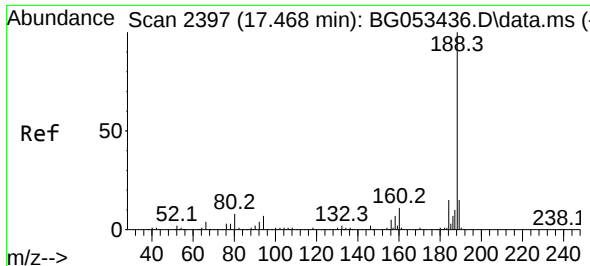
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 18.9 28.3

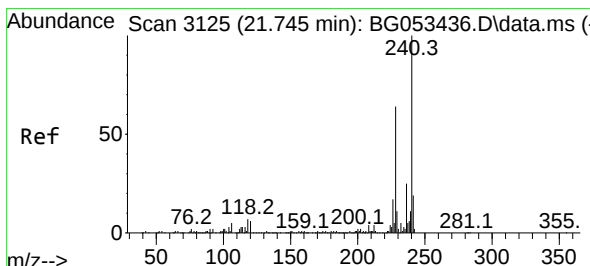
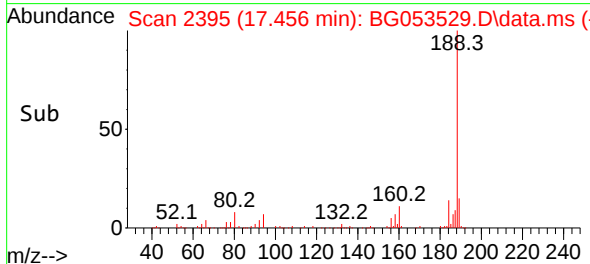
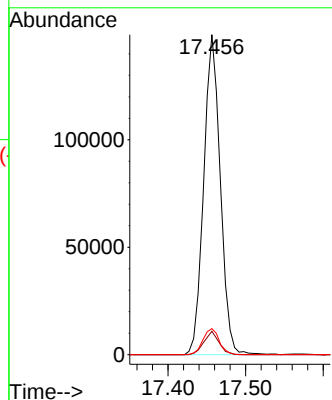
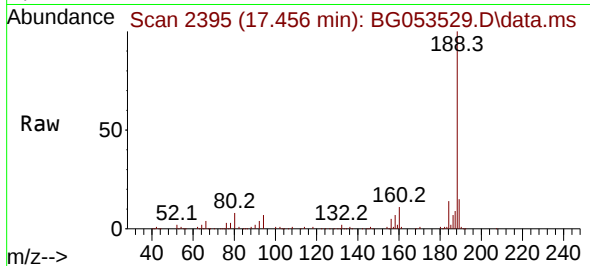




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

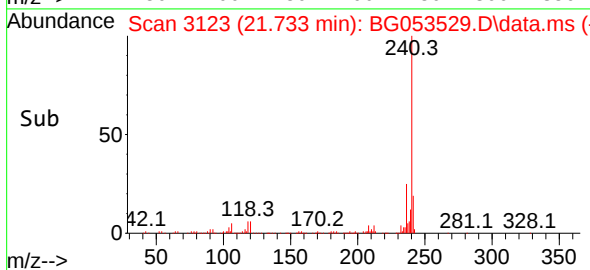
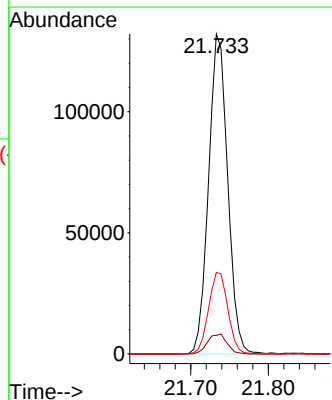
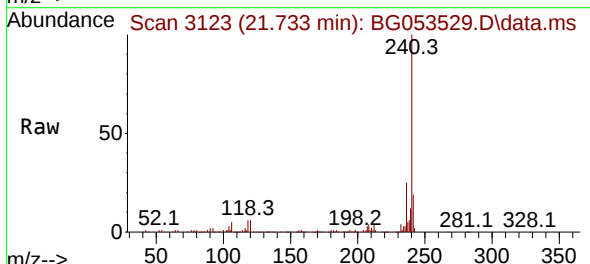
Instrument :
BNA_G
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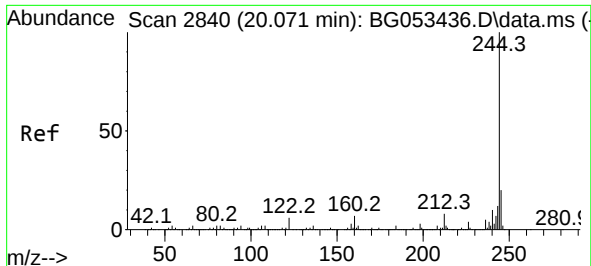
Tgt Ion:188 Resp: 221323
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053529.D
Acq: 12 May 2022 10:40

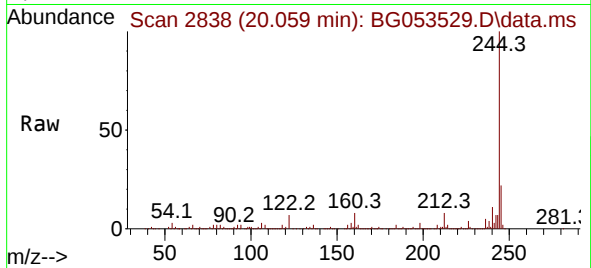
Tgt Ion:240 Resp: 226671
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.5 20.2 30.4



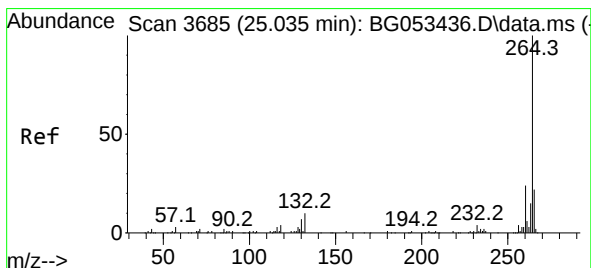
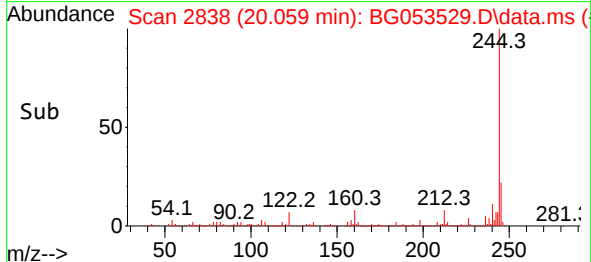
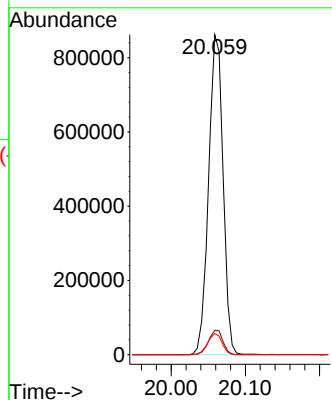


#79
 Terphenyl-d14
 Concen: 95.842 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053529.D
 Acq: 12 May 2022 10:40

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 1166436
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 3682
 Delta R.T. -0.003 min
 Lab File: BG053529.D
 Acq: 12 May 2022 10:40

Tgt Ion:264 Resp: 227401
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.8 17.4 26.2

