

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053499.D
 Acq On : 9 May 2022 19:01
 Operator : CG/JU
 Sample : N2739-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042

Quant Time: May 10 03:02:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	29268	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	110761	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	82756	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	198323	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	211786	20.000	ng	-0.01
86) Perylene-d12	25.012	264	211964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	174256	101.044	ng	-0.01
7) Phenol-d6	7.254	99	257221	98.278	ng	0.00
23) Nitrobenzene-d5	9.251	82	180294	69.292	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	116457	95.413	ng	-0.01
45) 2-Fluorobiphenyl	13.334	172	327016	57.743	ng	-0.01
79) Terphenyl-d14	20.060	244	509980	44.848	ng	-0.01

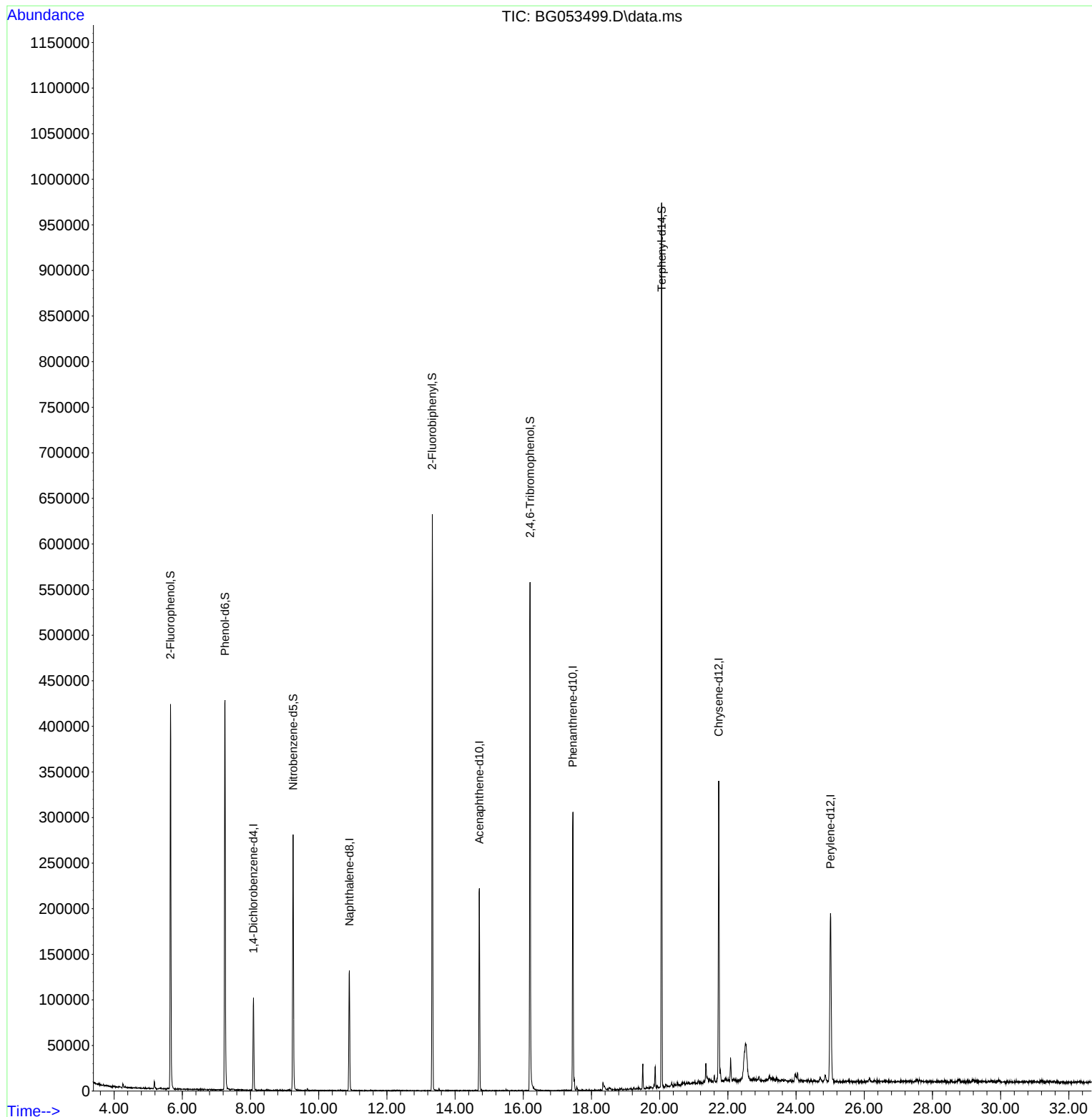
Target Compounds	Qvalue

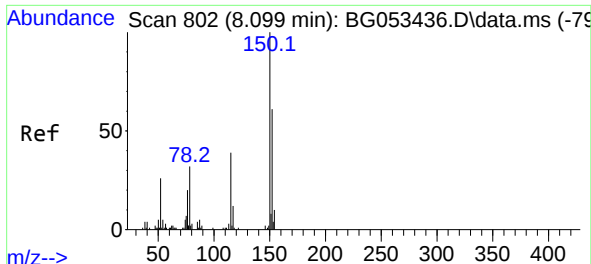
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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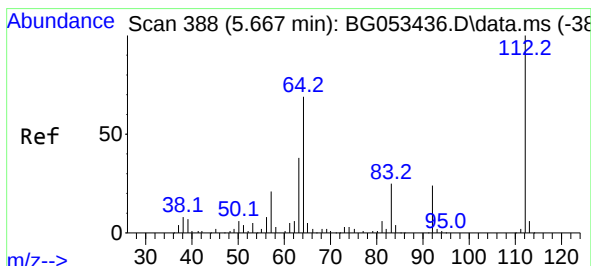
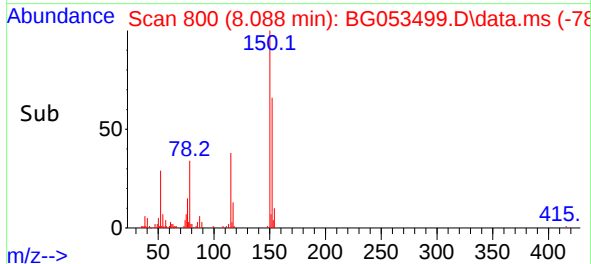
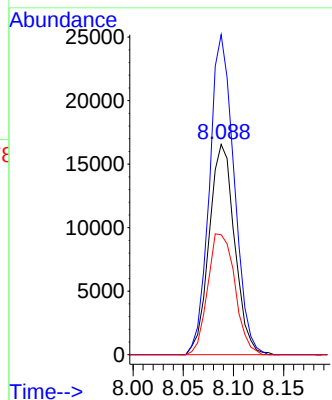
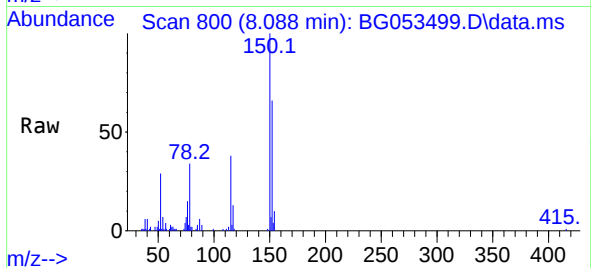




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

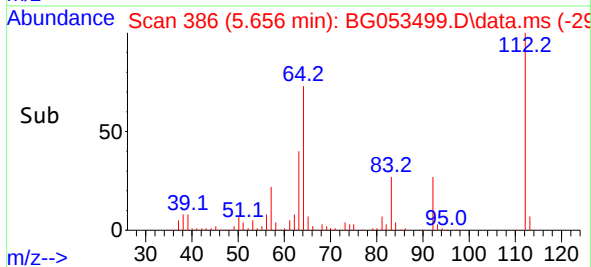
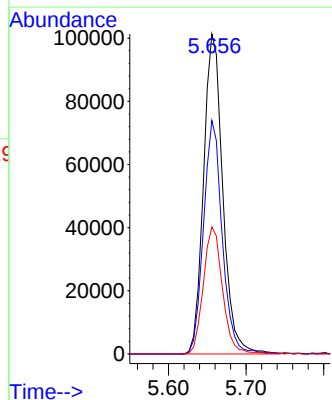
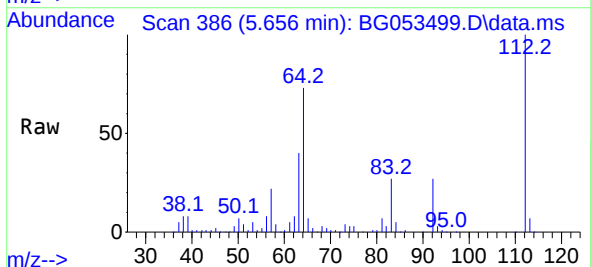
Instrument :
BNA_G
ClientSampleId :
124042

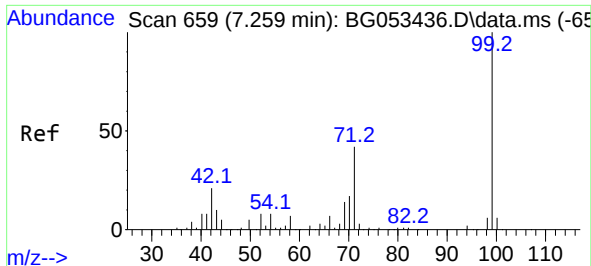
Tgt Ion:152 Resp: 29268
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 57.1 50.9 76.3



#5
2-Fluorophenol
Concen: 101.044 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion:112 Resp: 174256
Ion Ratio Lower Upper
112 100
64 73.0 55.1 82.7
63 39.7 30.4 45.6

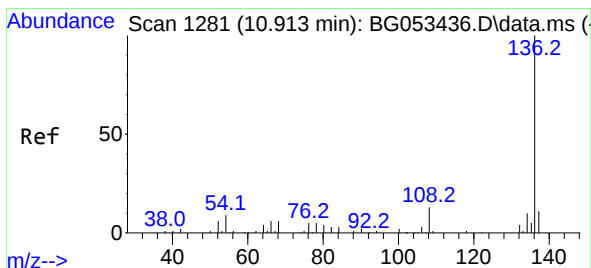
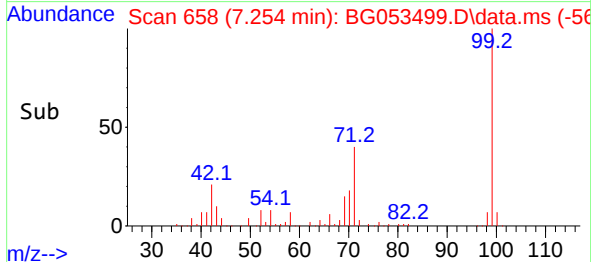
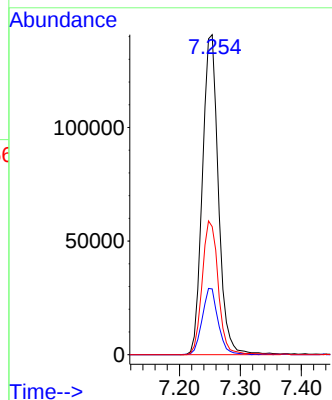
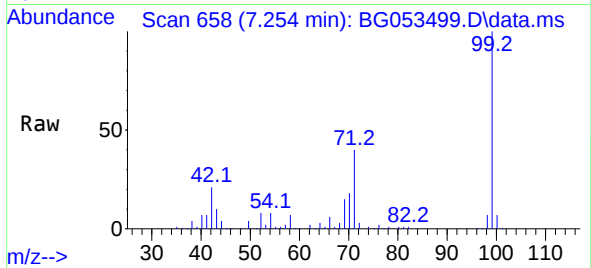




#7
Phenol-d6
Concen: 98.278 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

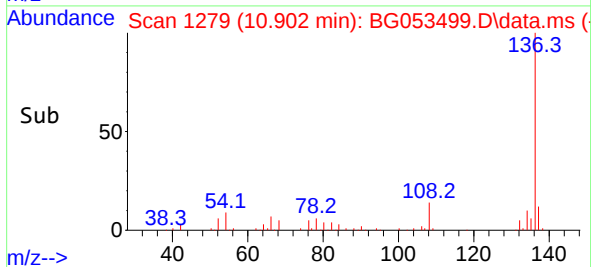
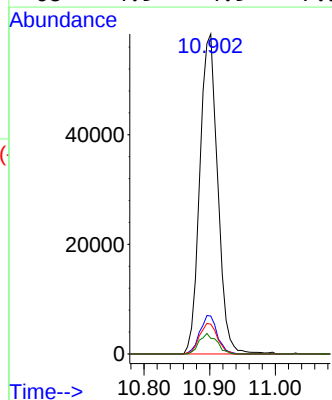
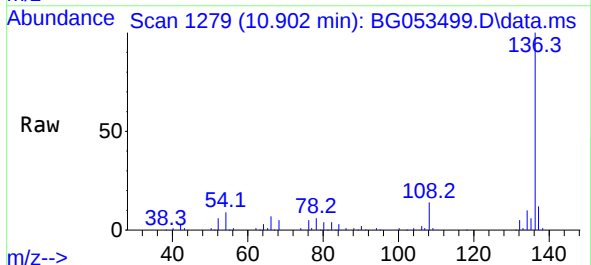
Instrument :
BNA_G
ClientSampleId :
124042

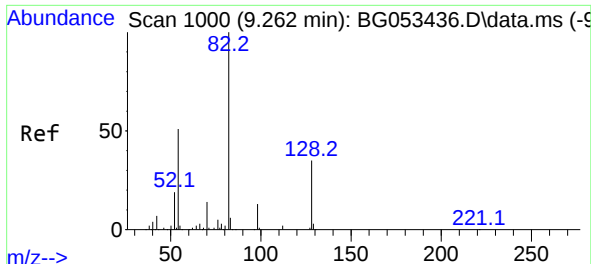
Tgt Ion: 99 Resp: 257221
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 40.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion: 136 Resp: 110761
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 9.3 7.4 11.2
68 4.9 4.9 7.3

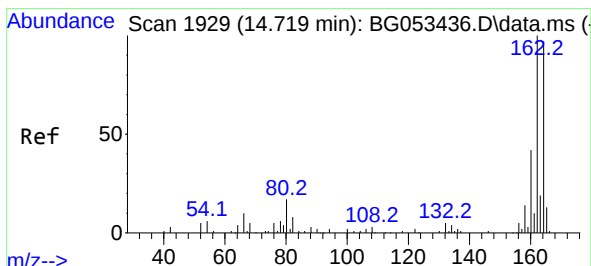
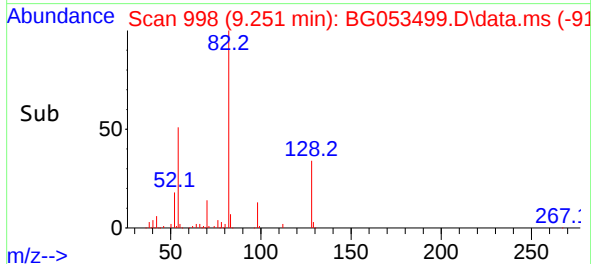
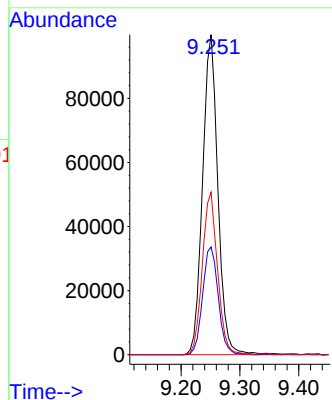
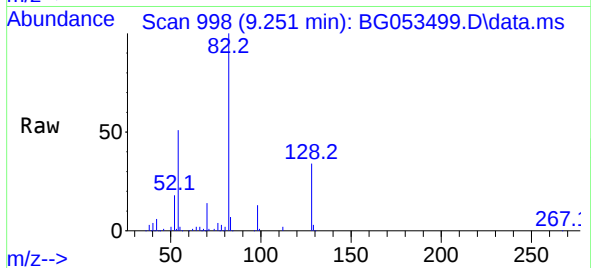




#23
Nitrobenzene-d5
Concen: 69.292 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

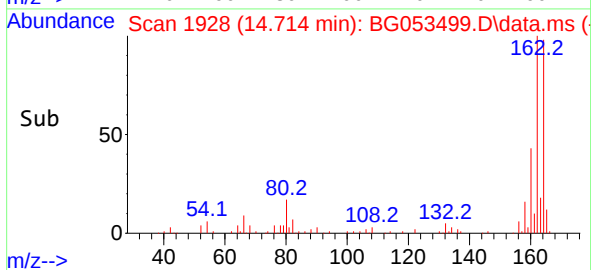
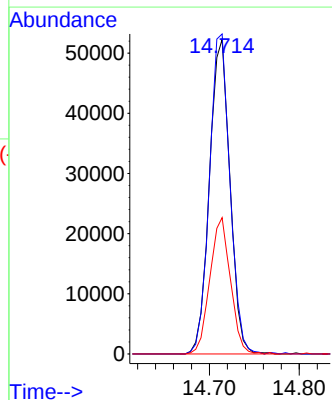
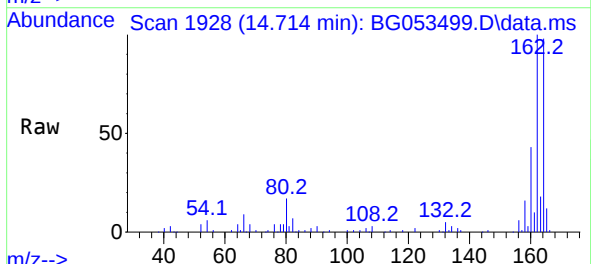
Instrument :
BNA_G
ClientSampleId :
124042

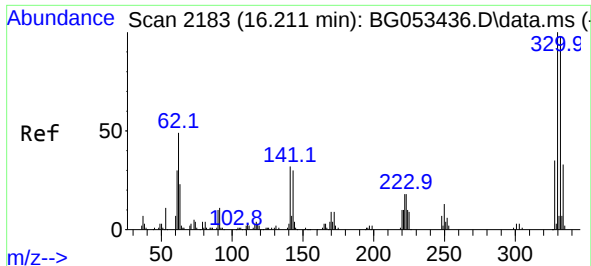
Tgt Ion: 82 Resp: 180294
Ion Ratio Lower Upper
82 100
128 33.6 27.9 41.9
54 50.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion: 164 Resp: 82756
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 43.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 95.413 ng

RT: 16.200 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053499.D

Acq: 9 May 2022 19:01

Instrument :

BNA_G

ClientSampleId :

124042

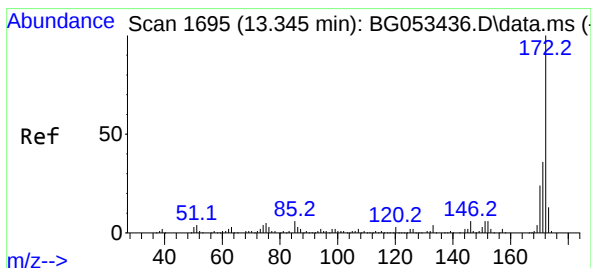
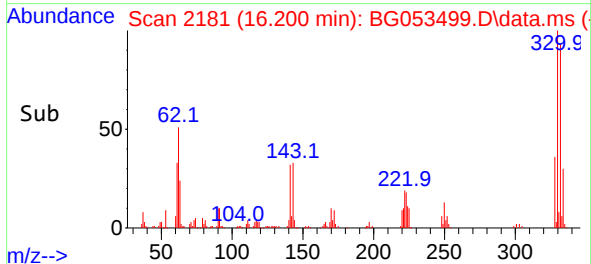
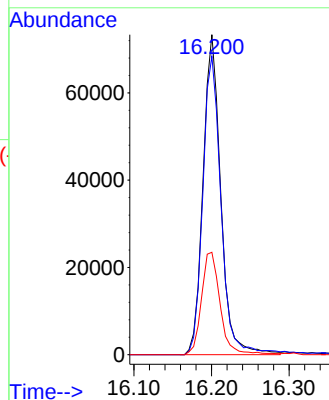
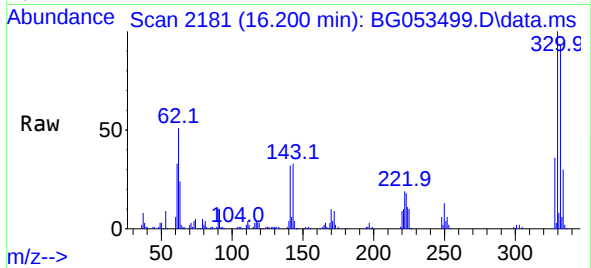
Tgt Ion:330 Resp: 116457

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 33.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 57.743 ng

RT: 13.334 min Scan# 1693

Delta R.T. -0.011 min

Lab File: BG053499.D

Acq: 9 May 2022 19:01

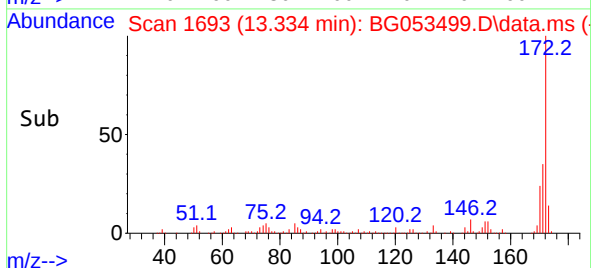
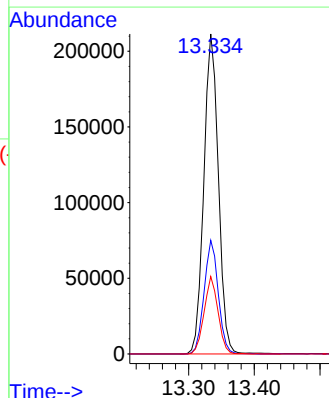
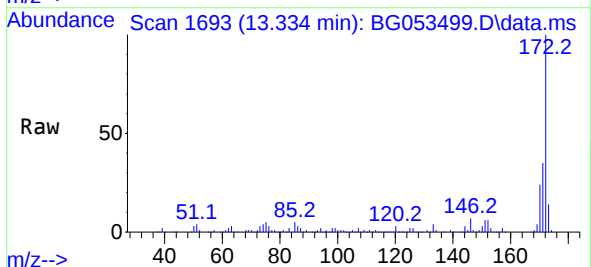
Tgt Ion:172 Resp: 327016

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.2 18.9 28.3

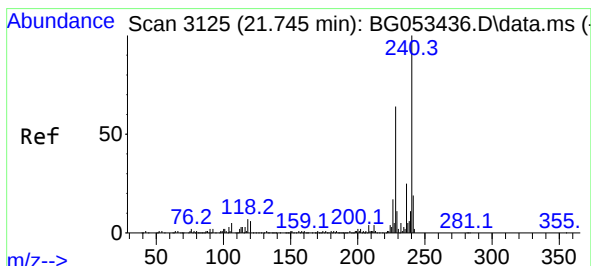
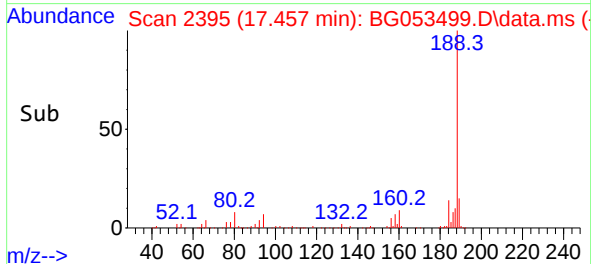
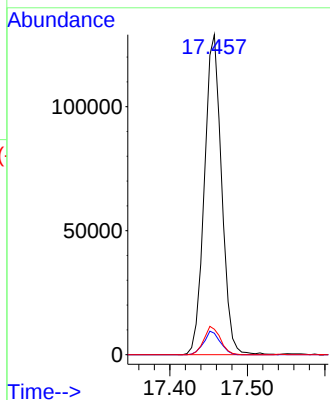
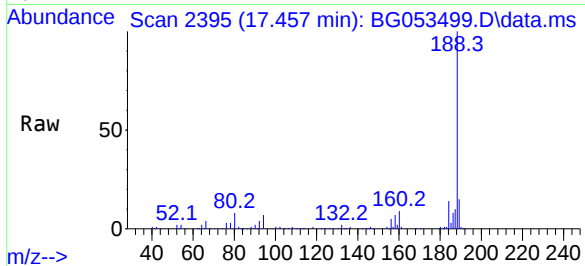




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

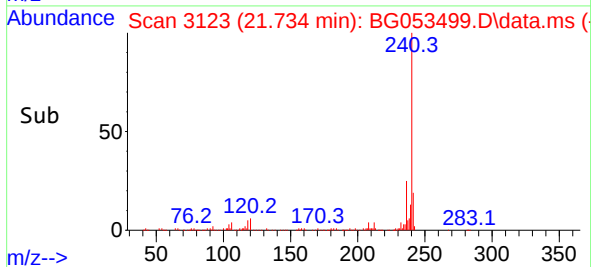
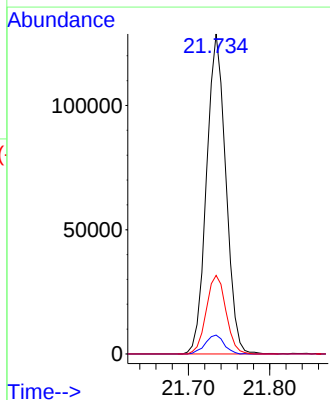
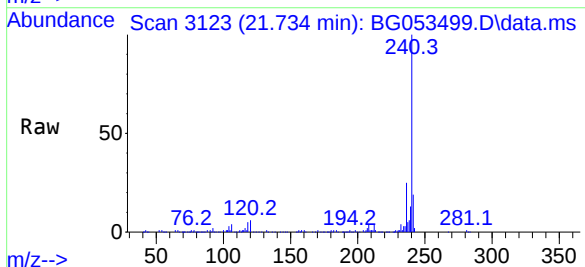
Instrument :
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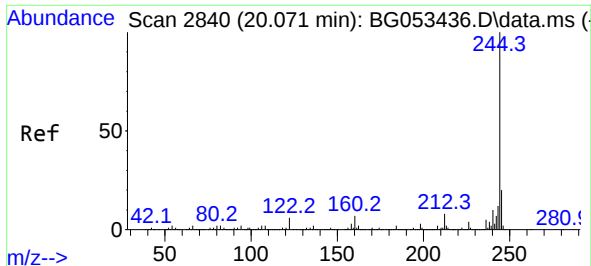
Tgt Ion:188 Resp: 198323
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion:240 Resp: 211786
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.6 20.2 30.4

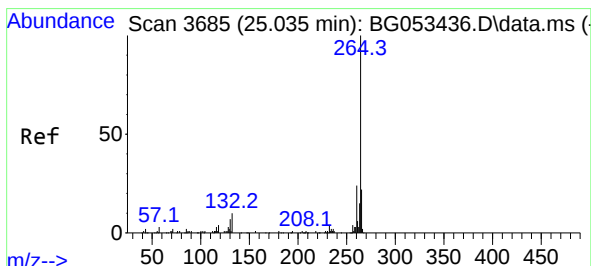
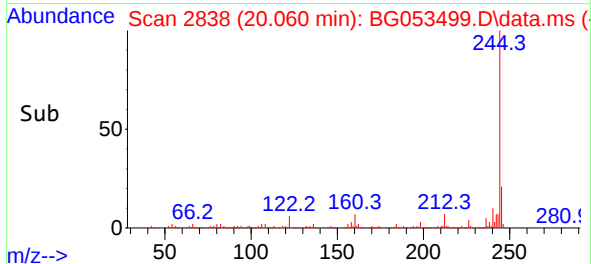
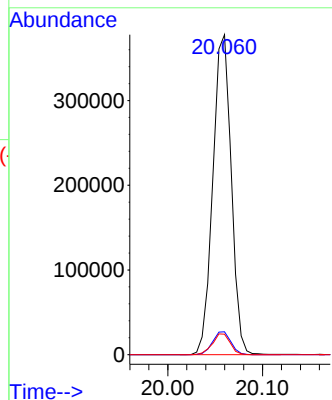
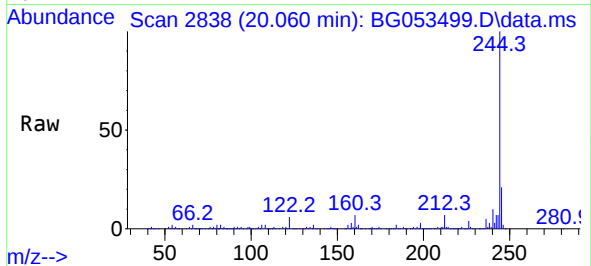




#79
Terphenyl-d14
Concen: 44.848 ng
RT: 20.060 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Instrument :
BNA_G
ClientSampleId :
124042

Tgt Ion:244 Resp: 509980
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.4 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3681
Delta R.T. -0.023 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion:264 Resp: 211964
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 20.7 17.4 26.2

