

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053487.D
 Acq On : 9 May 2022 11:03
 Operator : CG/JU
 Sample : PB144630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144630BL

Quant Time: May 09 16:20:05 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	8.085	152	23444	20.000	ng	-0.01
21) Naphthalene-d8	10.905	136	98496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.717	164	78722	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	204228	20.000	ng	0.00
76) Chrysene-d12	21.737	240	227544	20.000	ng	# 0.00
86) Perylene-d12	25.021	264	226153	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	203815	147.544	ng	0.00
7) Phenol-d6	7.251	99	300202	143.194	ng	0.00
23) Nitrobenzene-d5	9.254	82	207395	89.633	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	148183	127.628	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	476503	88.451	ng	0.00
79) Terphenyl-d14	20.063	244	1080848	88.468	ng	0.00

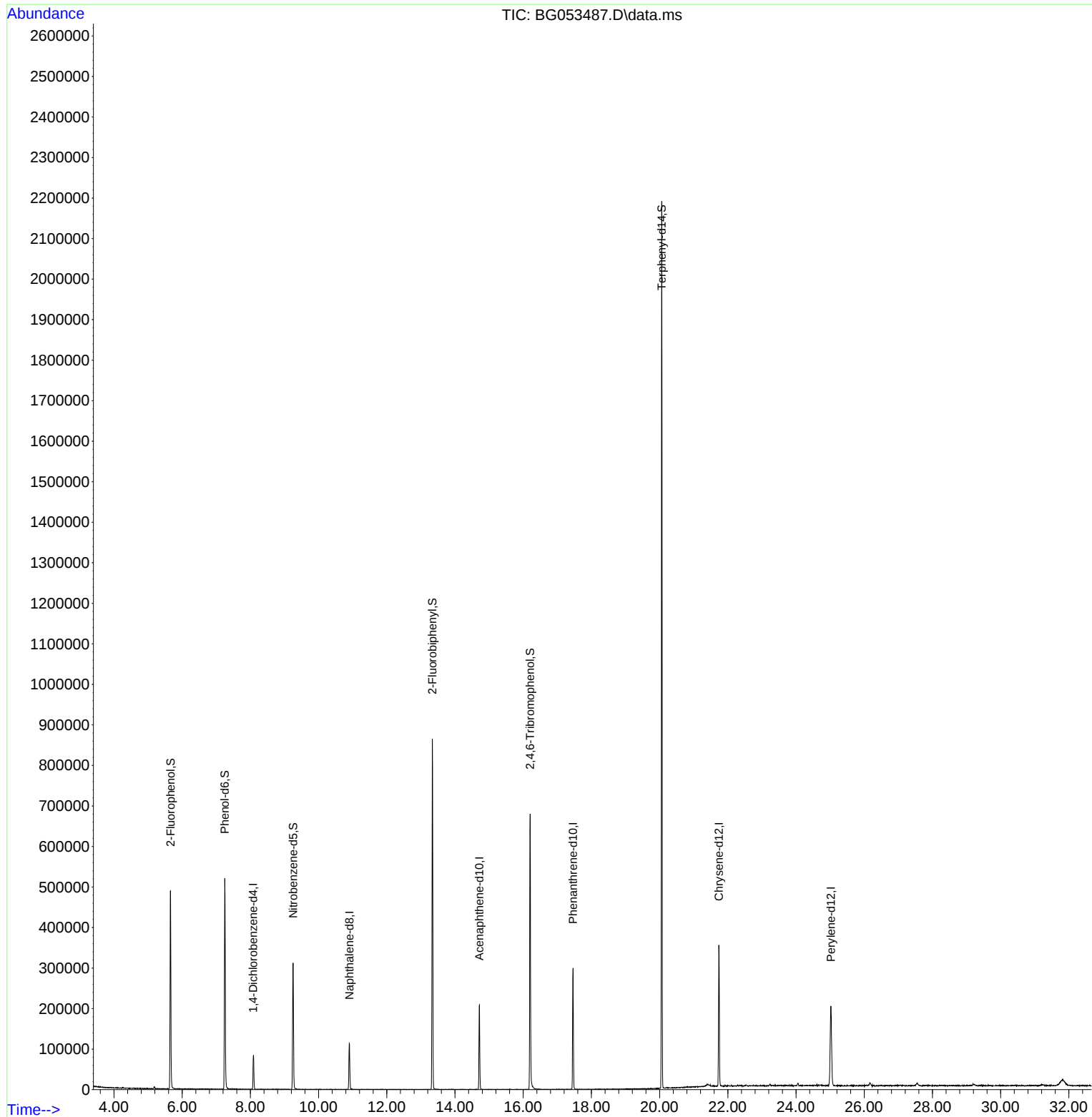
Target Compounds	Qvalue

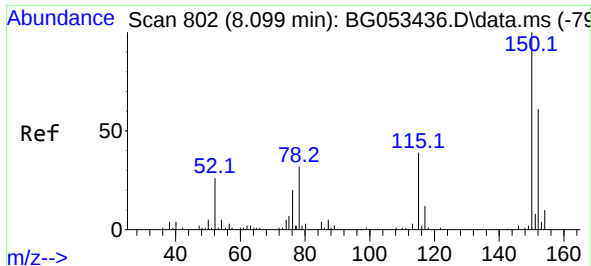
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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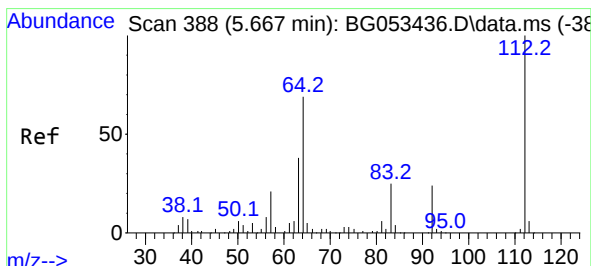
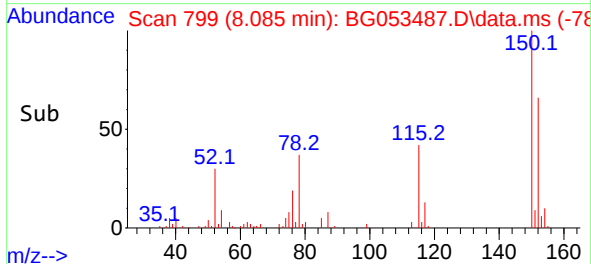
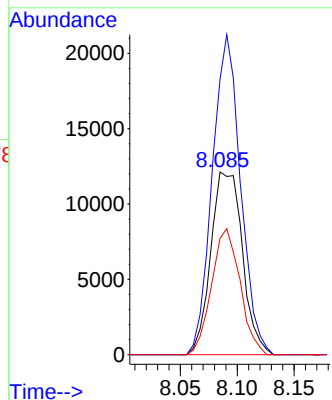
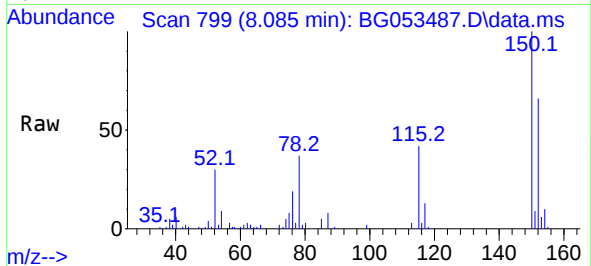




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 799
Delta R.T. -0.014 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

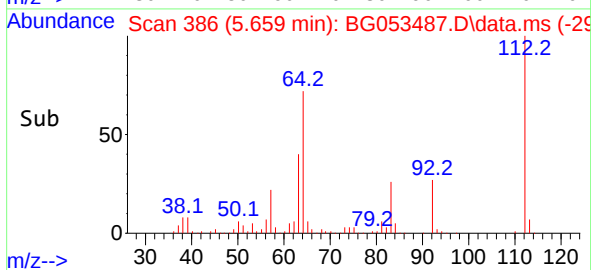
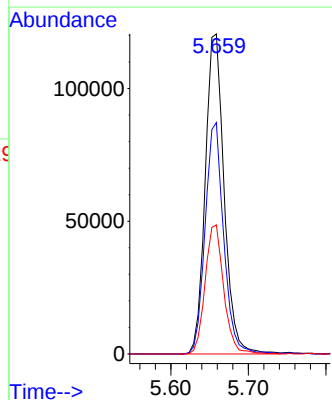
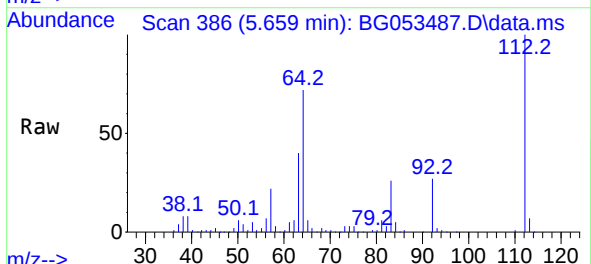
Instrument :
BNA_G
ClientSampleId :
PB144630BL

Tgt Ion:152 Resp: 23444
Ion Ratio Lower Upper
152 100
150 150.8 131.6 197.4
115 63.7 50.9 76.3



#5
2-Fluorophenol
Concen: 147.544 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:112 Resp: 203815
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 40.4 30.4 45.6

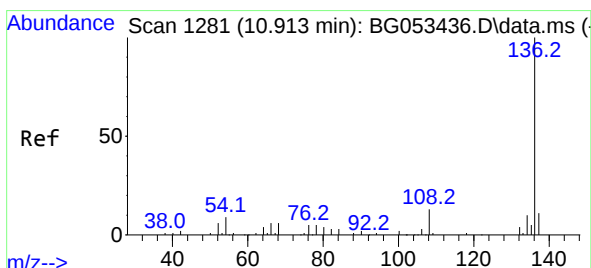
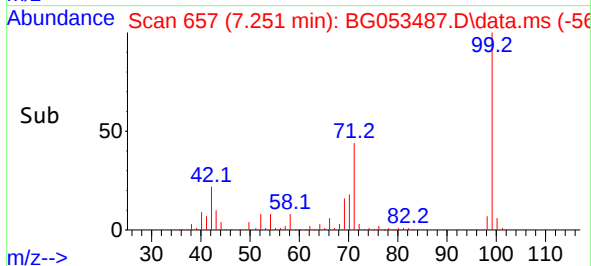
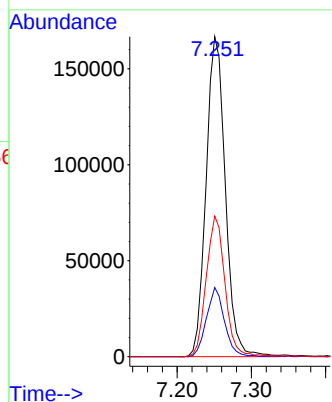
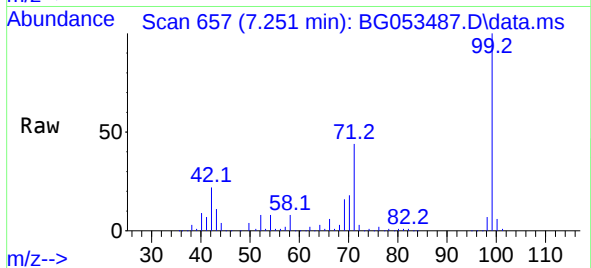




#7
Phenol-d6
Concen: 143.194 ng
RT: 7.251 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

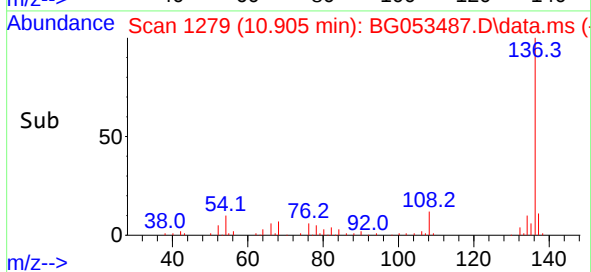
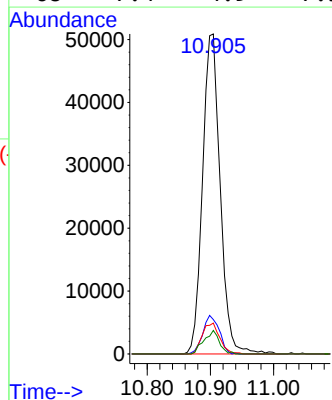
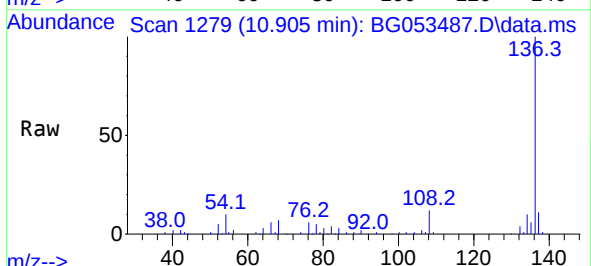
Instrument :
BNA_G
ClientSampleId :
PB144630BL

Tgt Ion: 99 Resp: 300202
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1279
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:136 Resp: 98496
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.6 7.4 11.2
68 7.4 4.9 7.3#

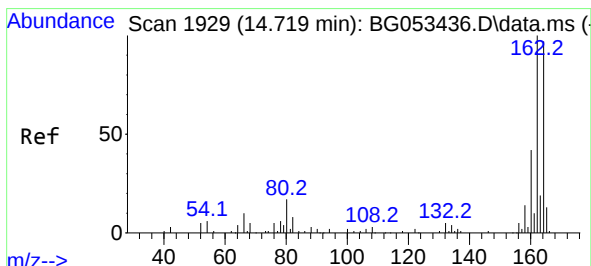
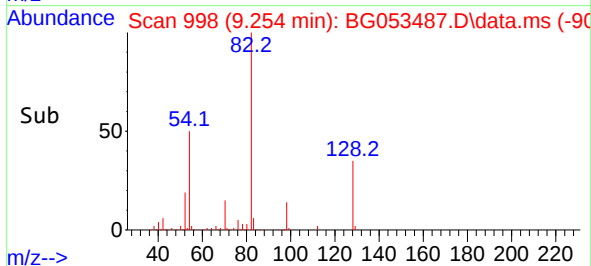
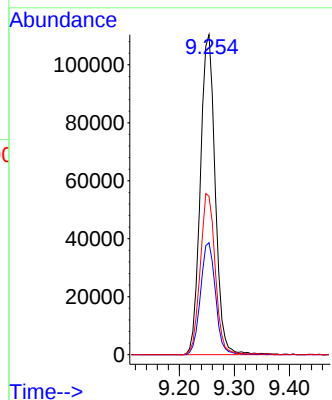
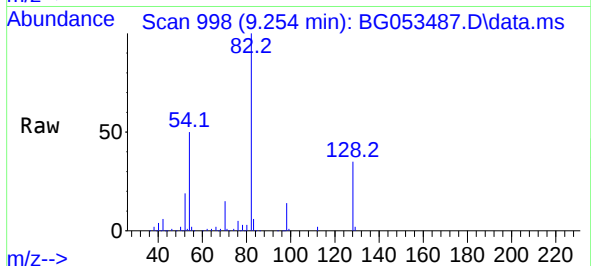




#23
Nitrobenzene-d5
Concen: 89.633 ng
RT: 9.254 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

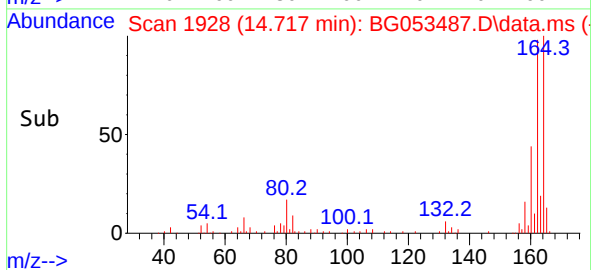
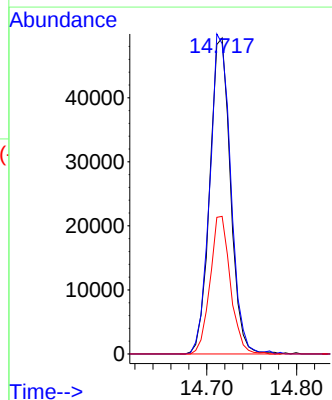
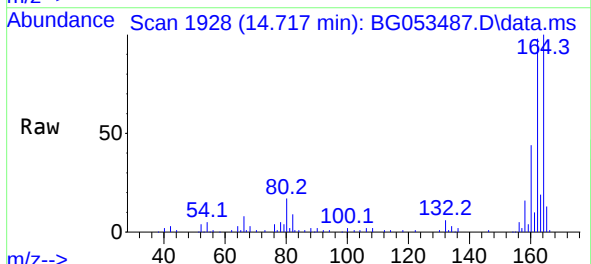
Instrument :
BNA_G
ClientSampleId :
PB144630BL

Tgt Ion: 82 Resp: 207395
Ion Ratio Lower Upper
82 100
128 35.0 27.9 41.9
54 49.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

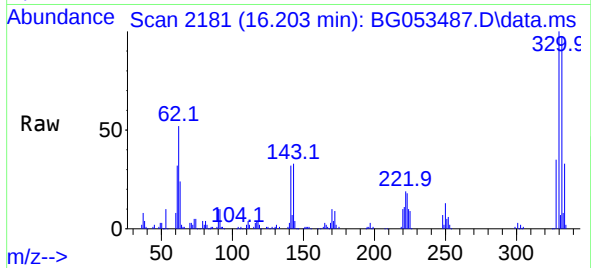
Tgt Ion: 164 Resp: 78722
Ion Ratio Lower Upper
164 100
162 98.2 82.3 123.5
160 43.5 34.2 51.2



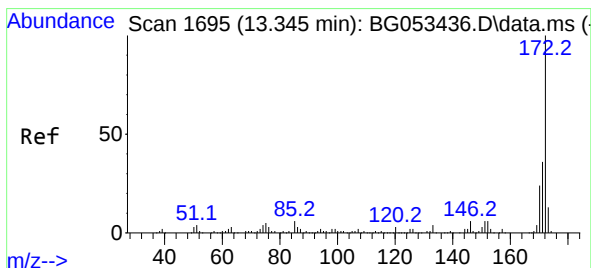
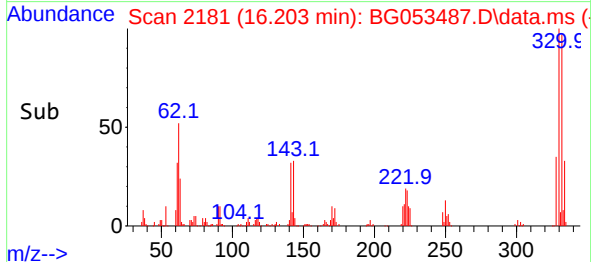
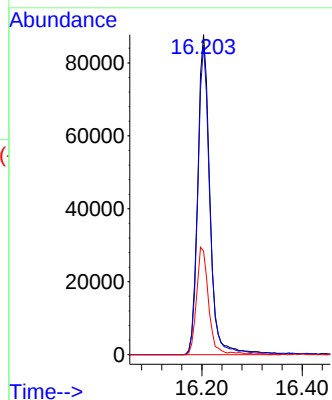


#42
2,4,6-Tribromophenol
Concen: 127.628 ng
RT: 16.203 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Instrument :
BNA_G
ClientSampleId :
PB144630BL

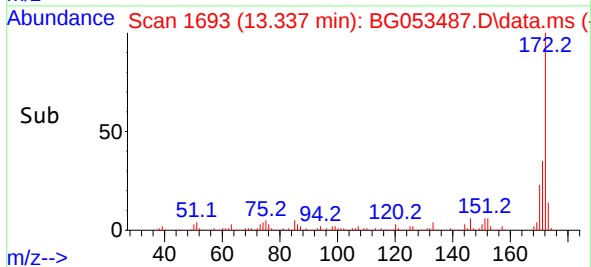
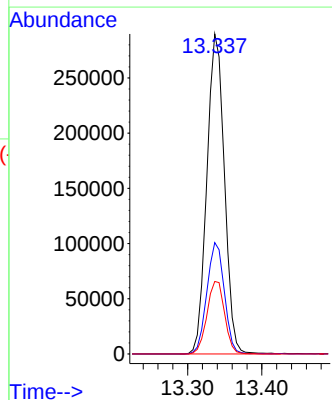
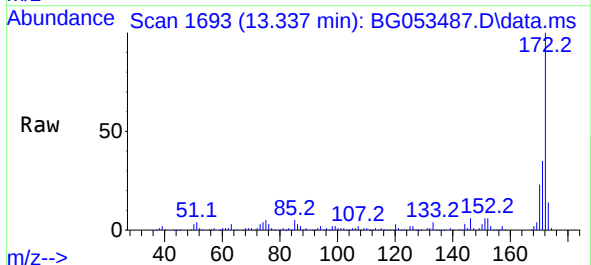


Tgt Ion:330 Resp: 148183
Ion Ratio Lower Upper
330 100
332 94.3 76.0 114.0
141 33.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 88.451 ng
RT: 13.337 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:172 Resp: 476503
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.7 18.9 28.3

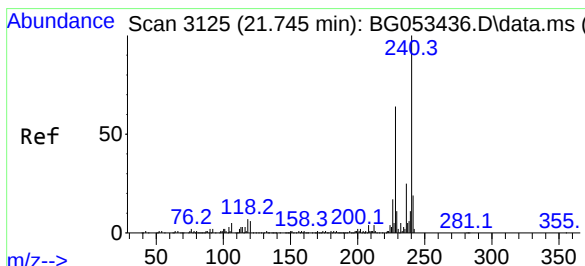
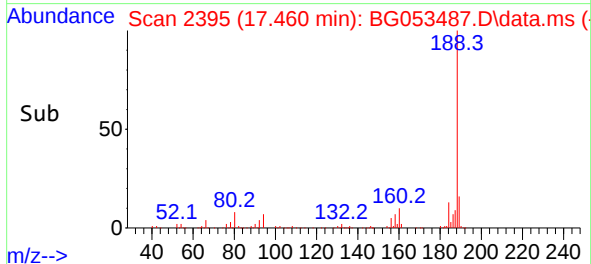
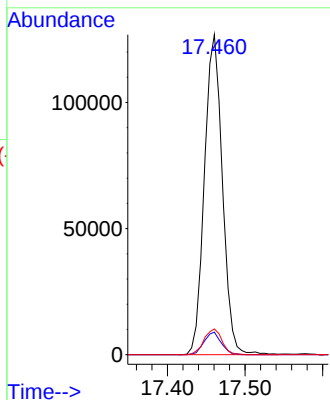
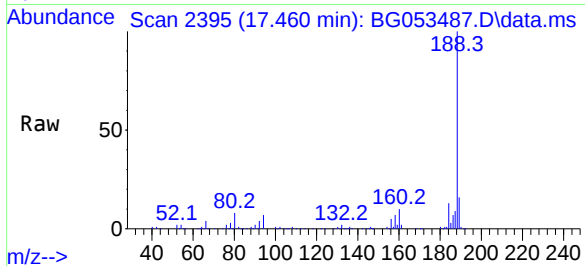




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

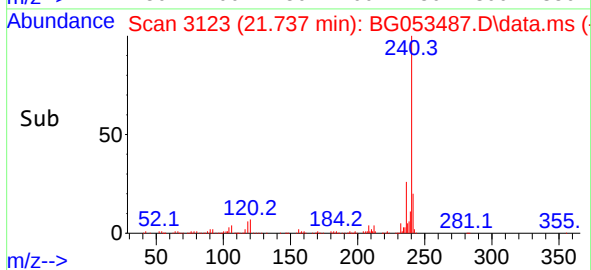
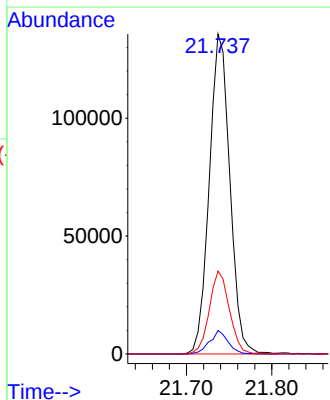
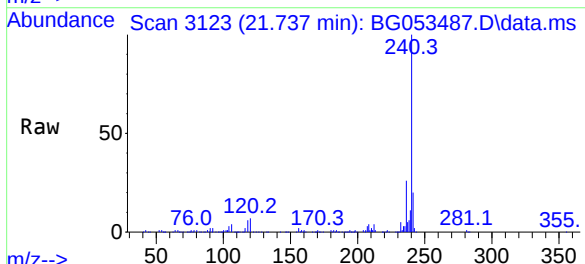
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PB144630BL

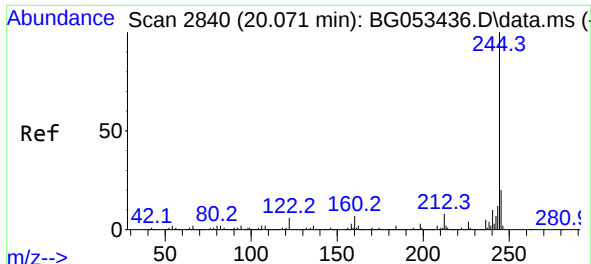
Tgt Ion:188 Resp: 204228
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053487.D
Acq: 9 May 2022 11:03

Tgt Ion:240 Resp: 227544
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 25.9 20.2 30.4

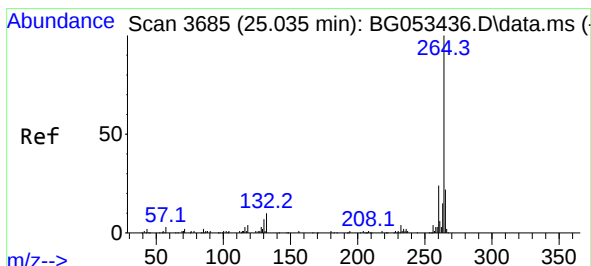
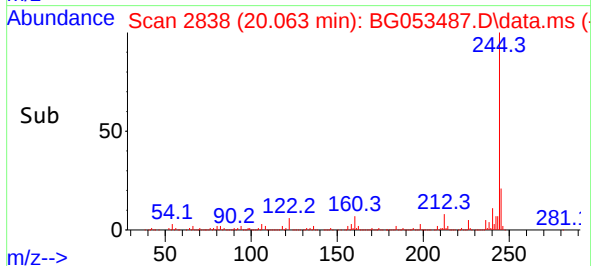
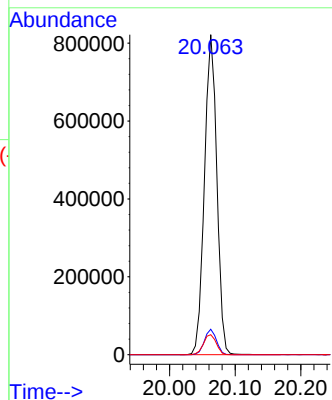
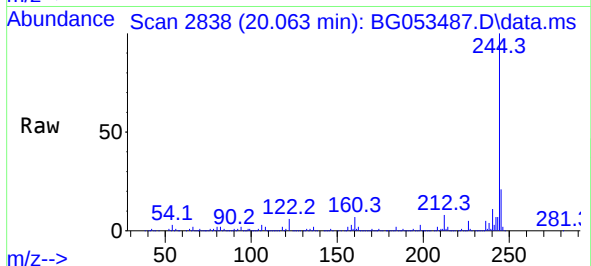




#79
 Terphenyl-d14
 Concen: 88.468 ng
 RT: 20.063 min Scan# 2838
 Delta R.T. -0.008 min
 Lab File: BG053487.D
 Acq: 9 May 2022 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB144630BL

Tgt Ion:244 Resp: 1080848
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3682
 Delta R.T. -0.014 min
 Lab File: BG053487.D
 Acq: 9 May 2022 11:03

Tgt Ion:264 Resp: 226153
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.1 17.4 26.2

