

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053448.D
 Acq On : 5 May 2022 12:00
 Operator : CG/JU
 Sample : N2665-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4,16

Quant Time: May 06 03:46:42 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	8.091	152	24178	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	98033	20.000	ng	0.00
39) Acenaphthene-d10	14.717	164	72850	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	180609	20.000	ng	0.00
76) Chrysene-d12	21.743	240	199363	20.000	ng	0.00
86) Perylene-d12	25.027	264	196312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	151304	106.205	ng	0.00
7) Phenol-d6	7.256	99	215797	99.809	ng	0.00
23) Nitrobenzene-d5	9.254	82	152853	66.373	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	102143	95.065	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	335994	67.396	ng	0.00
79) Terphenyl-d14	20.063	244	693399	64.778	ng	0.00

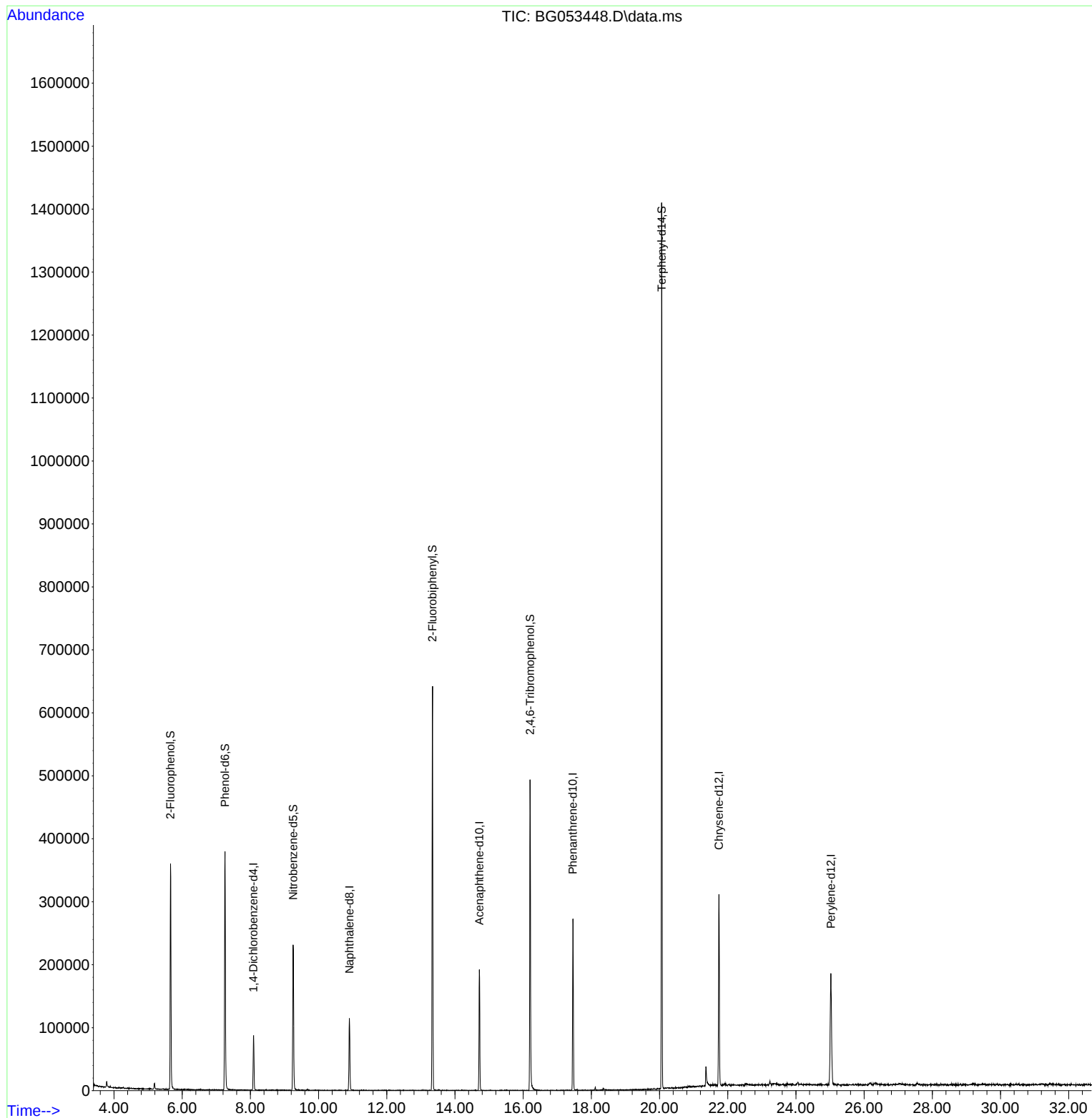
Target Compounds	Qvalue

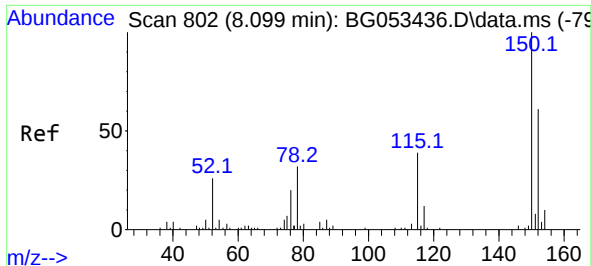
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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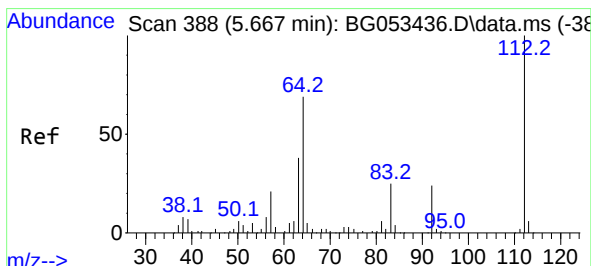
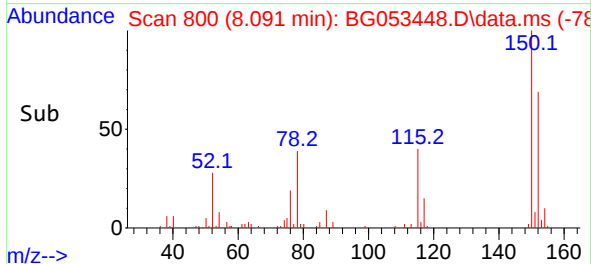
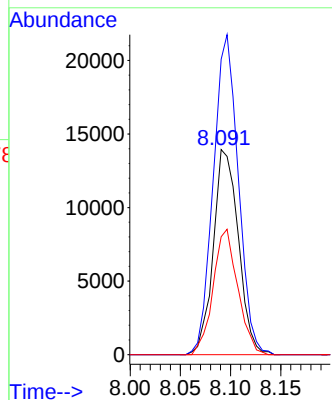
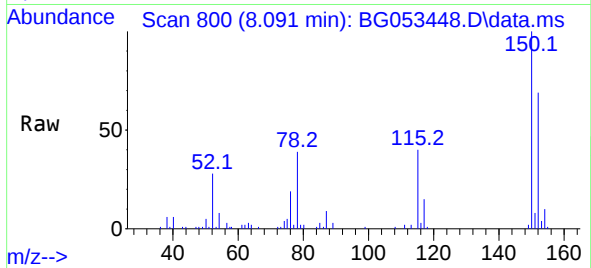




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

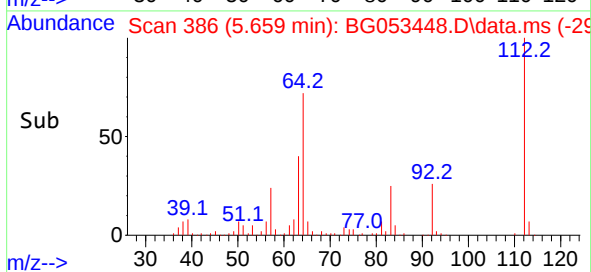
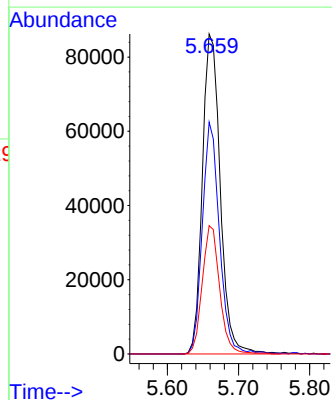
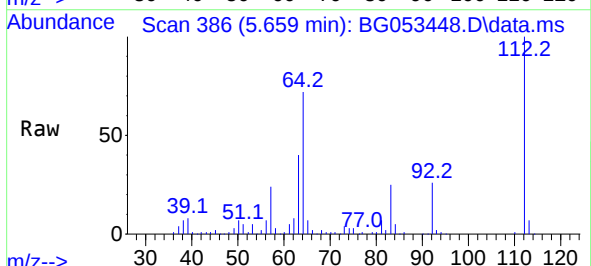
Instrument :
BNA_G
ClientSampleId :
SB-4,16

Tgt Ion:152 Resp: 24178
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 57.5 50.9 76.3



#5
2-Fluorophenol
Concen: 106.205 ng
RT: 5.659 min Scan# 386
Delta R.T. -0.008 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

Tgt Ion:112 Resp: 151304
Ion Ratio Lower Upper
112 100
64 72.5 55.1 82.7
63 40.1 30.4 45.6

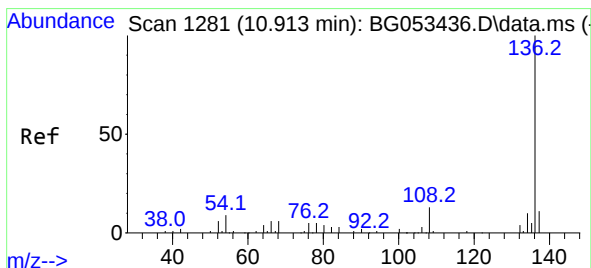
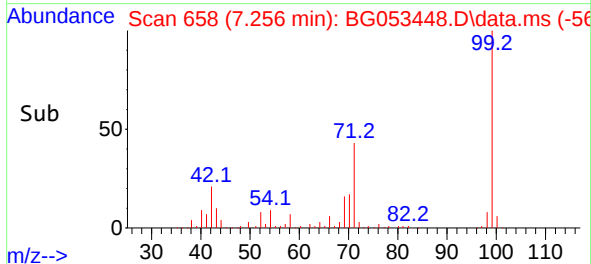
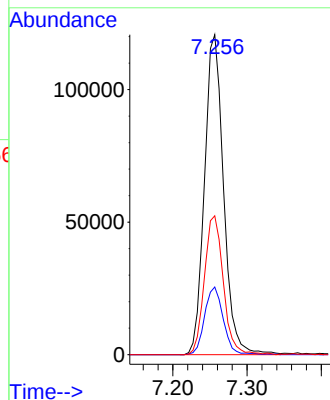
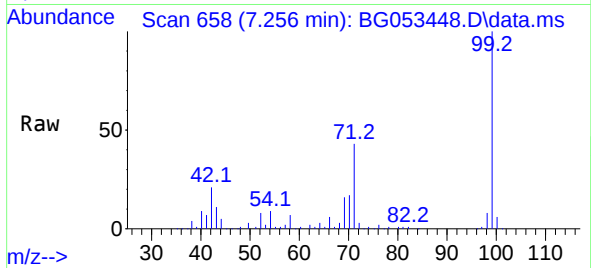




#7
Phenol-d6
Concen: 99.809 ng
RT: 7.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

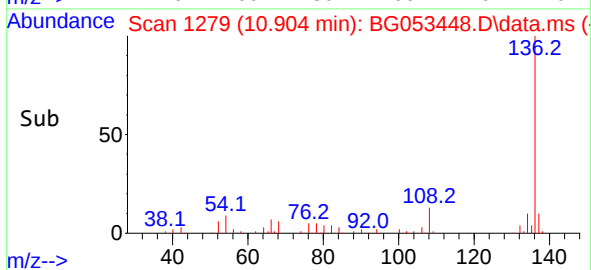
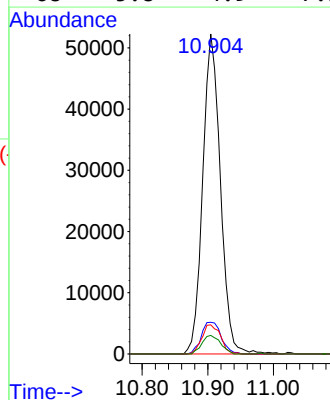
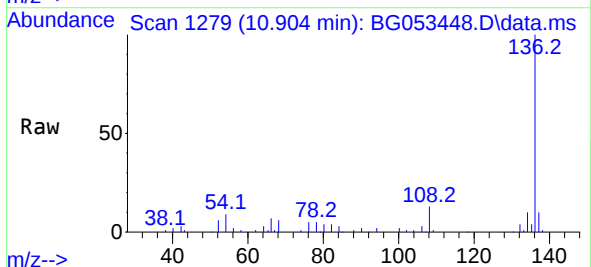
Instrument :
BNA_G
ClientSampleId :
SB-4,16

Tgt Ion: 99 Resp: 215797
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1279
Delta R.T. -0.009 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

Tgt Ion: 136 Resp: 98033
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 9.1 7.4 11.2
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.373 ng

RT: 9.254 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG053448.D

Acq: 5 May 2022 12:00

Instrument :

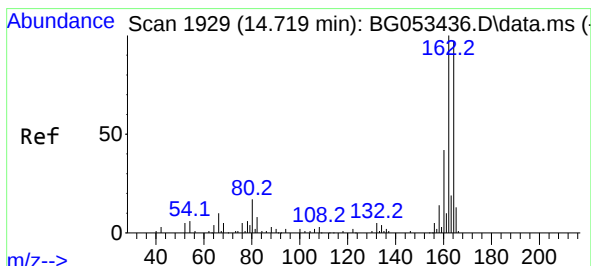
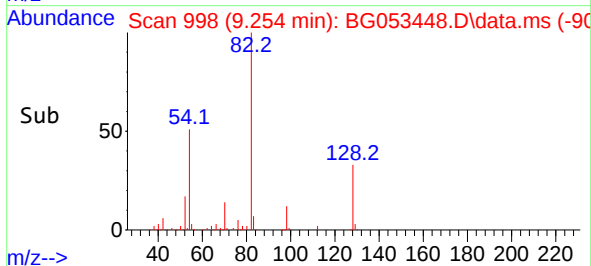
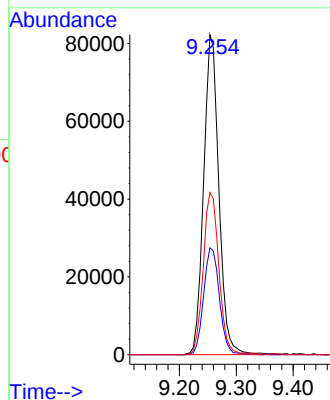
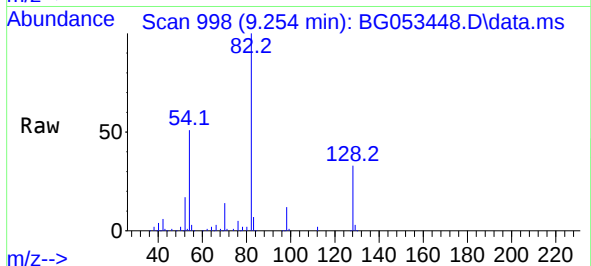
BNA_G

ClientSampleId :

SB-4,16

Tgt Ion: 82 Resp: 152853

Ion	Ratio	Lower	Upper
82	100		
128	33.4	27.9	41.9
54	50.7	41.2	61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.717 min Scan# 1928

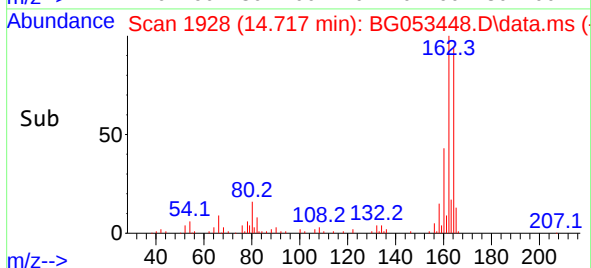
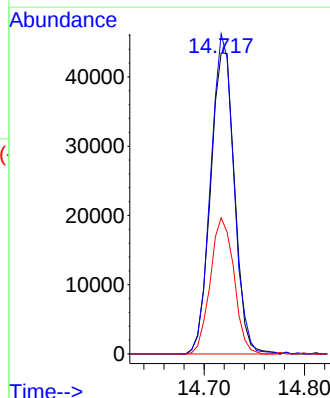
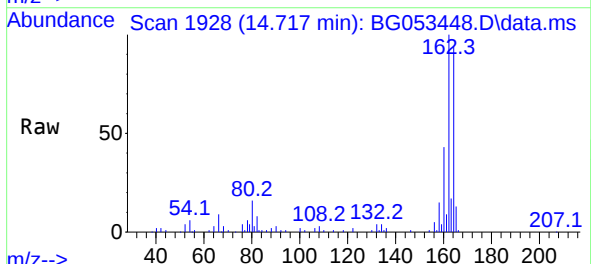
Delta R.T. -0.002 min

Lab File: BG053448.D

Acq: 5 May 2022 12:00

Tgt Ion: 164 Resp: 72850

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.3	123.5
160	45.3	34.2	51.2

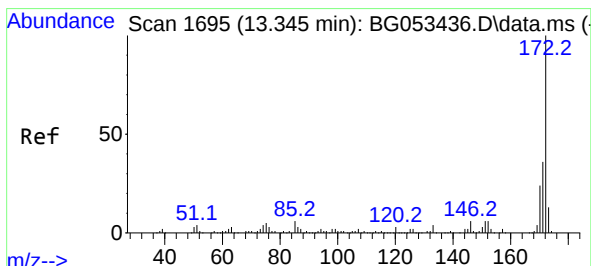
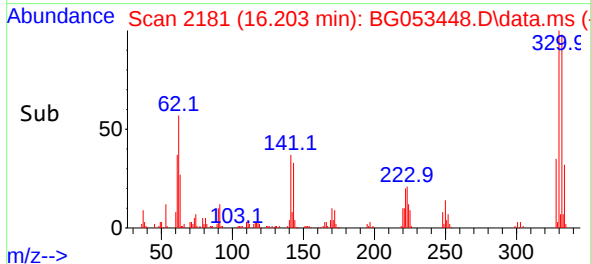
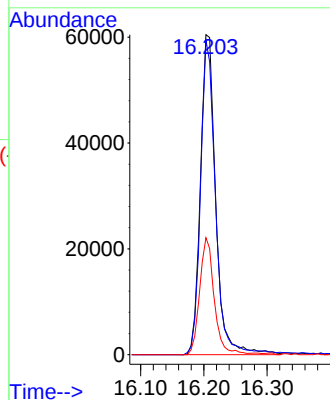
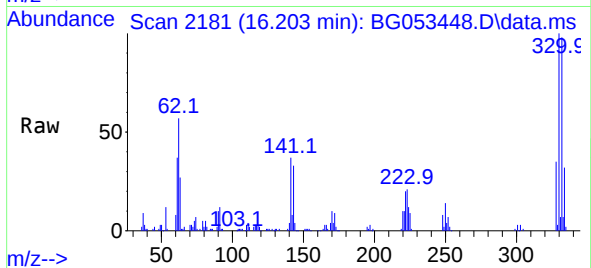




#42
2,4,6-Tribromophenol
Concen: 95.065 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

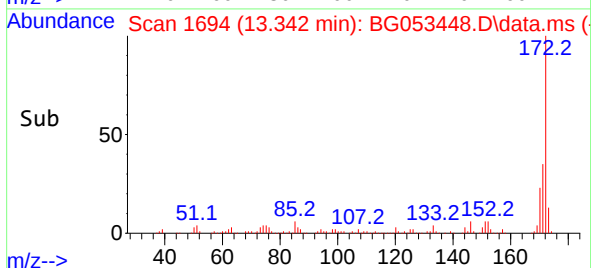
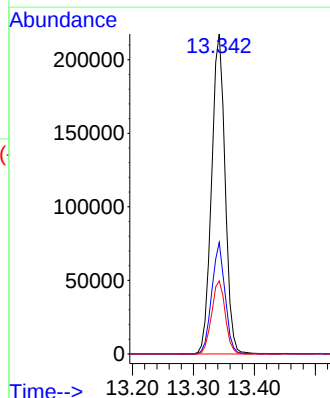
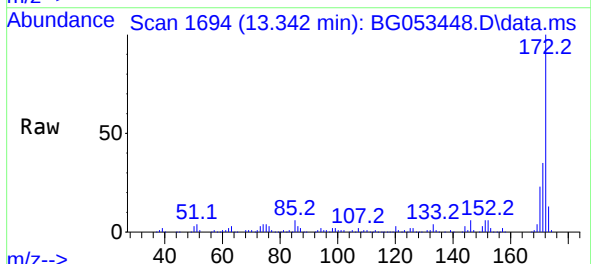
Instrument :
BNA_G
ClientSampleId :
SB-4,16

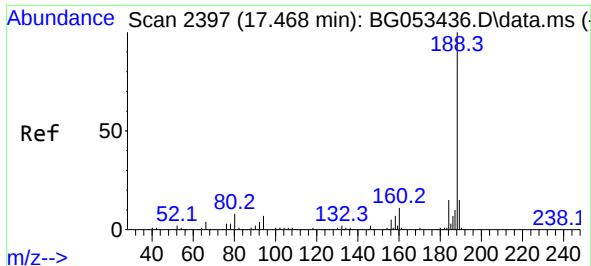
Tgt Ion:330 Resp: 102143
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 34.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 67.396 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

Tgt Ion:172 Resp: 335994
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.8 18.9 28.3

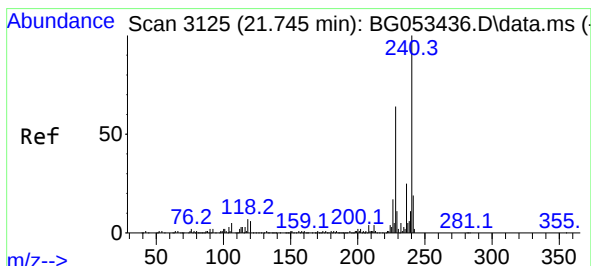
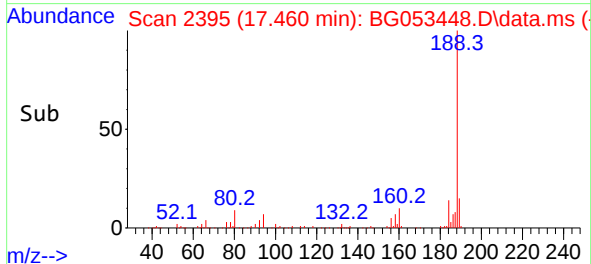
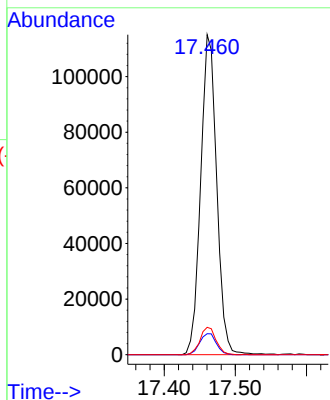
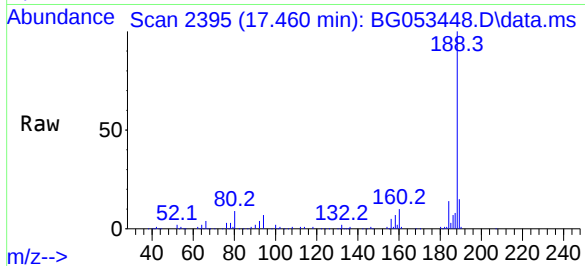




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

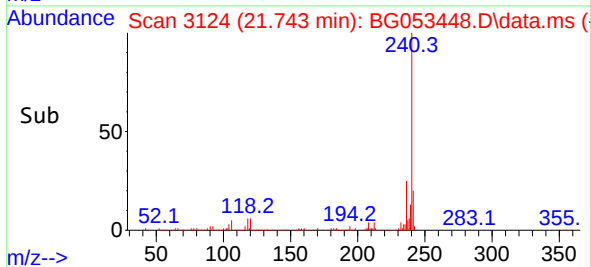
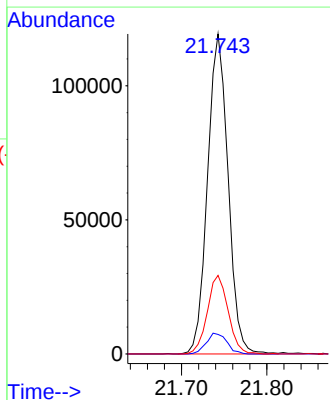
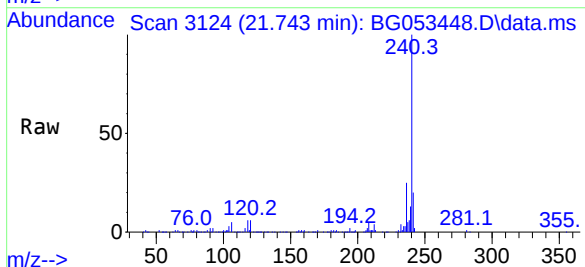
Instrument :
BNA_G
ClientSampleId :
SB-4,16

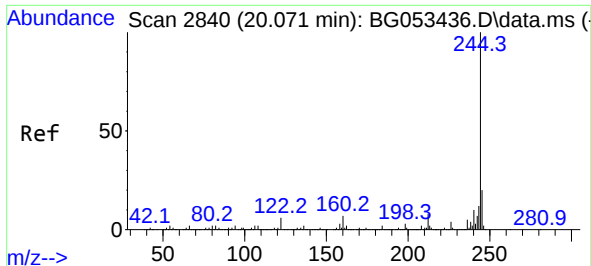
Tgt Ion:188 Resp: 180609
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053448.D
Acq: 5 May 2022 12:00

Tgt Ion:240 Resp: 199363
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.5 20.2 30.4

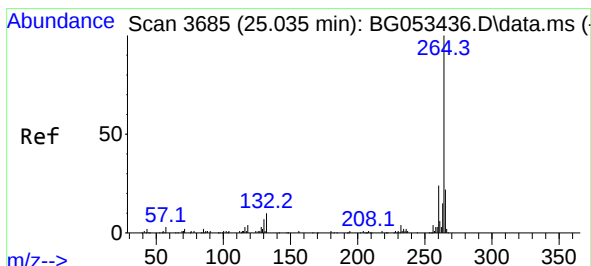
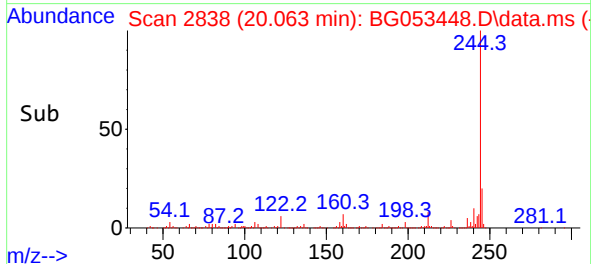
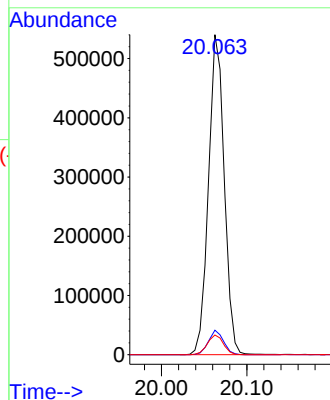
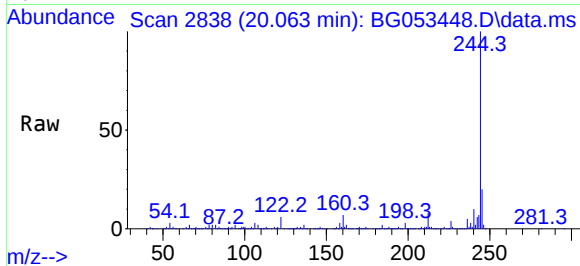




#79
 Terphenyl-d14
 Concen: 64.778 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053448.D
 Acq: 5 May 2022 12:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-4,16

Tgt Ion:244 Resp: 693399
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 3683
 Delta R.T. -0.008 min
 Lab File: BG053448.D
 Acq: 5 May 2022 12:00

Tgt Ion:264 Resp: 196312
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 19.9 17.4 26.2

