

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053132.D
 Acq On : 13 Apr 2022 10:47
 Operator : CG/JU
 Sample : PB144024BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144024BL

Quant Time: Apr 14 02:55:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	32772	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	129866	20.000	ng	# 0.00
39) Acenaphthene-d10	14.740	164	97958	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	246343	20.000	ng	0.00
76) Chrysene-d12	21.766	240	279009	20.000	ng	0.00
86) Perylene-d12	25.062	264	274675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	268312	140.344	ng	0.00
7) Phenol-d6	7.280	99	383082	129.937	ng	0.00
23) Nitrobenzene-d5	9.277	82	274012	85.672	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	207289	133.008	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	616391	86.766	ng	0.00
79) Terphenyl-d14	20.086	244	1362466	82.473	ng	0.00

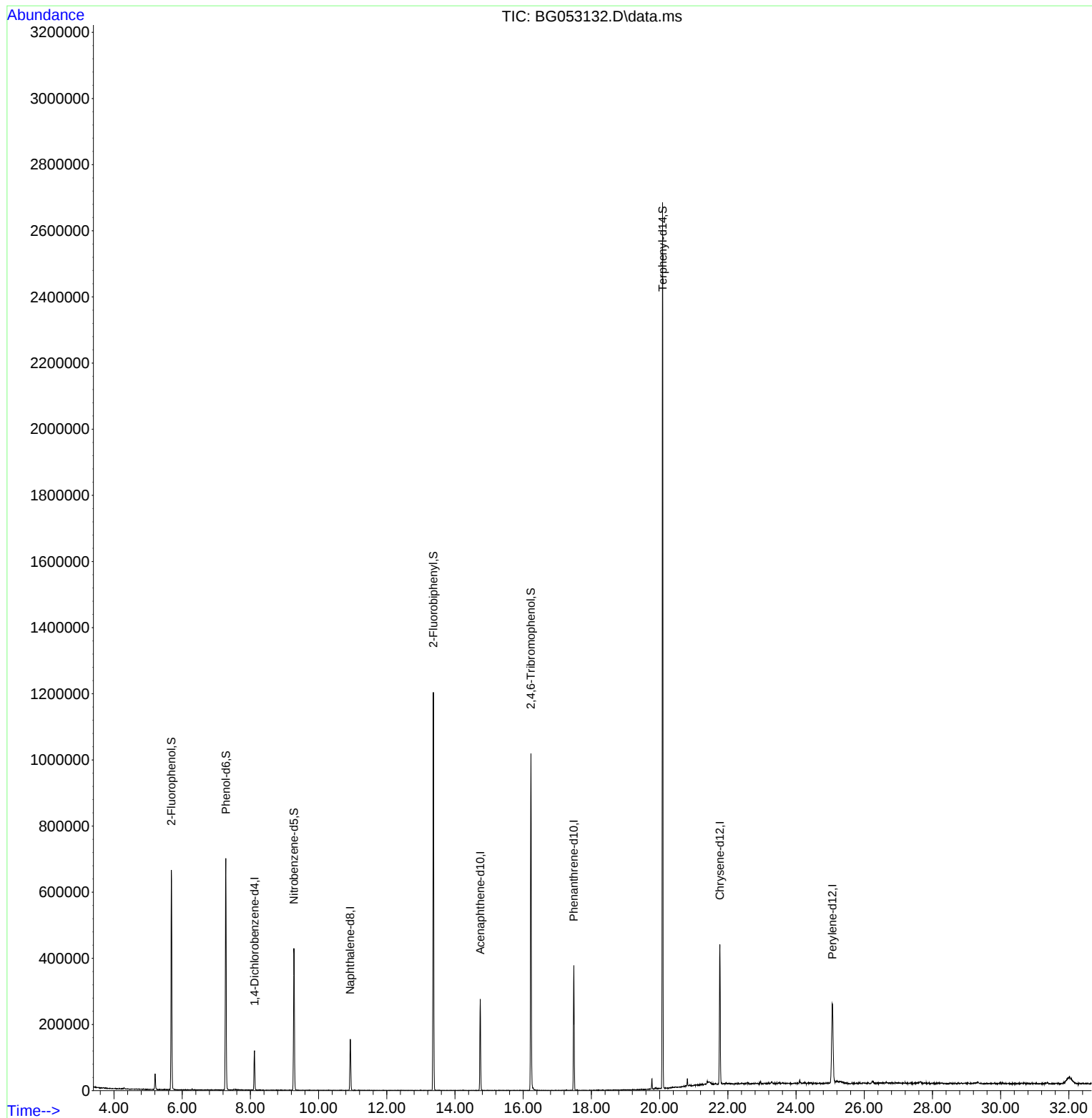
Target Compounds	Qvalue

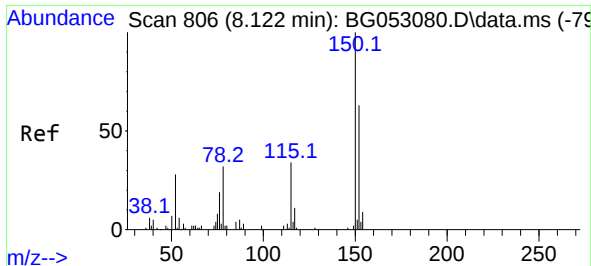
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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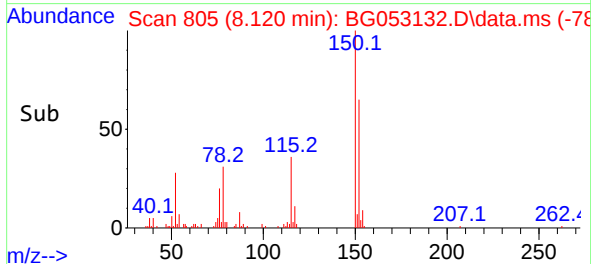
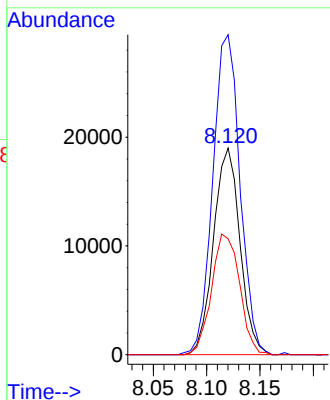
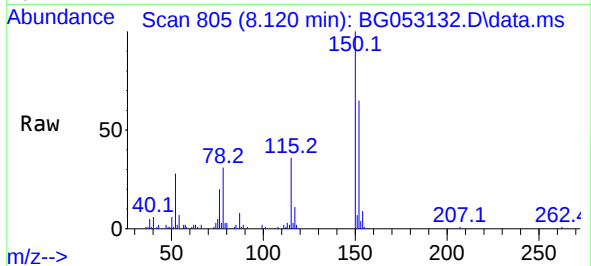




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

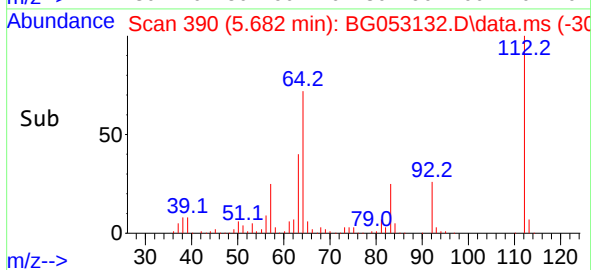
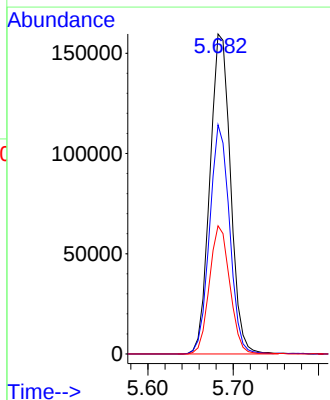
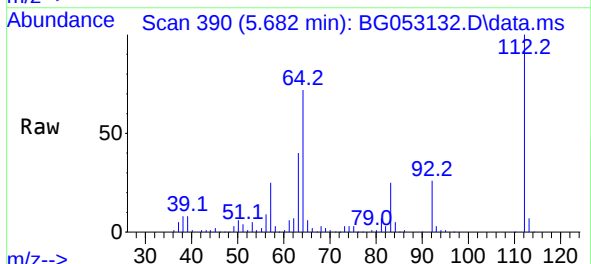
Instrument :
BNA_G
ClientSampleId :
PB144024BL

Tgt Ion:152 Resp: 32772
Ion Ratio Lower Upper
152 100
150 154.9 114.6 172.0
115 56.1 45.9 68.9



#5
2-Fluorophenol
Concen: 140.344 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

Tgt Ion:112 Resp: 268312
Ion Ratio Lower Upper
112 100
64 71.6 48.0 72.0
63 40.0 26.5 39.7#

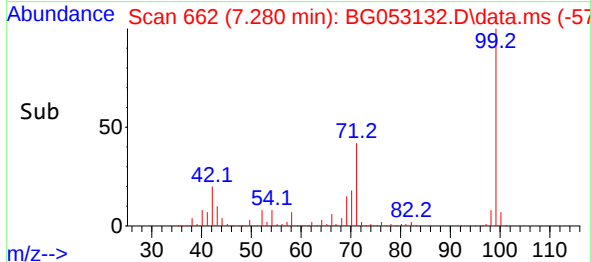
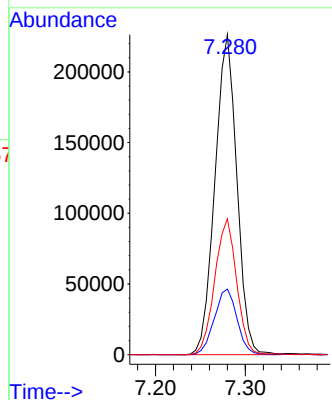
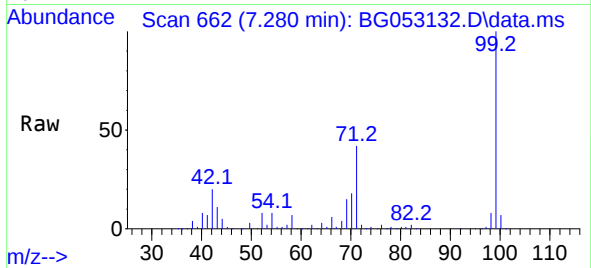




#7
Phenol-d6
Concen: 129.937 ng
RT: 7.280 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

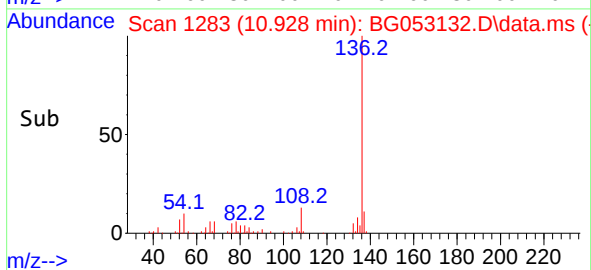
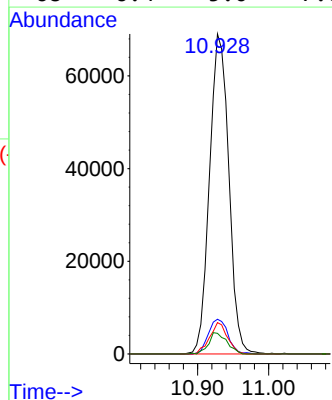
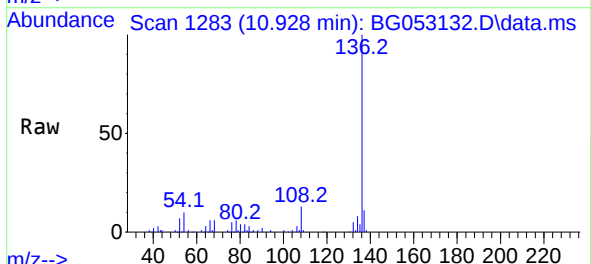
Instrument :
BNA_G
ClientSampleId :
PB144024BL

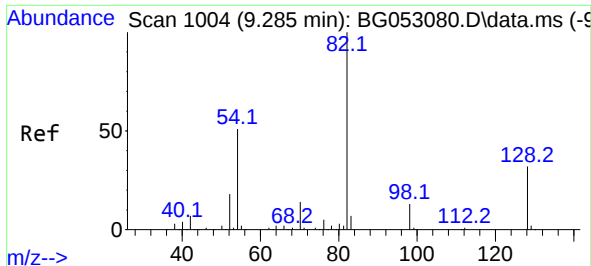
Tgt Ion: 99 Resp: 383082
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 42.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

Tgt Ion: 136 Resp: 129866
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 9.8 6.4 9.6#
68 6.4 5.0 7.6

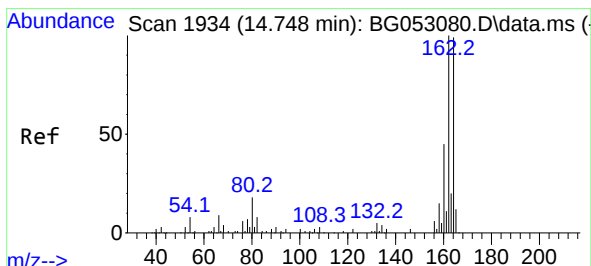
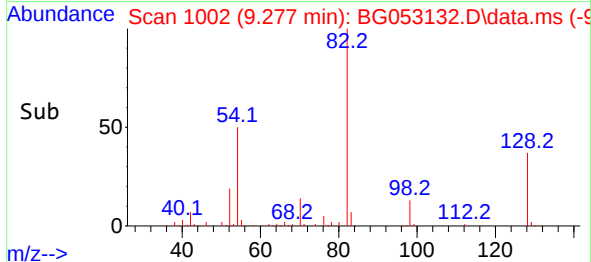
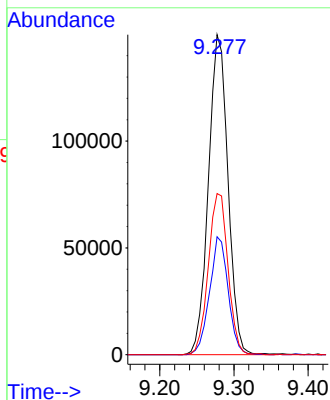
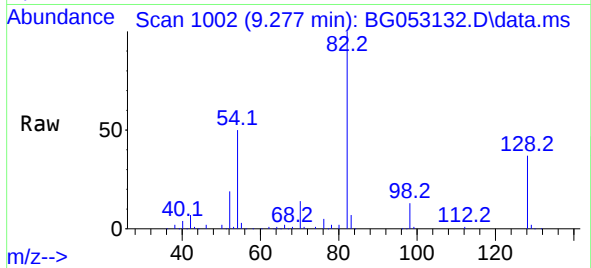




#23
Nitrobenzene-d5
Concen: 85.672 ng
RT: 9.277 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

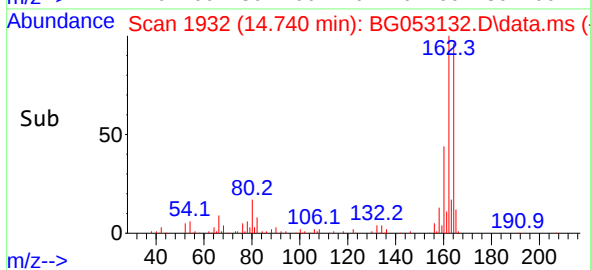
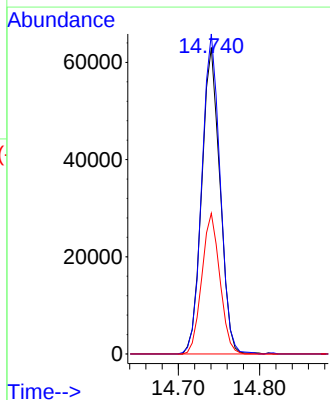
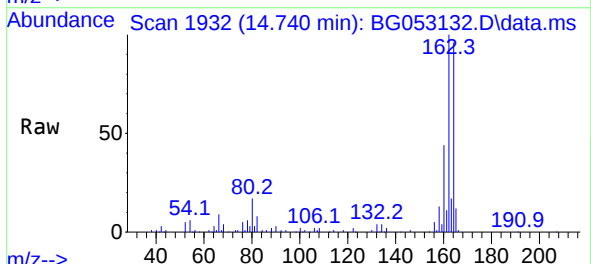
Instrument :
BNA_G
ClientSampleId :
PB144024BL

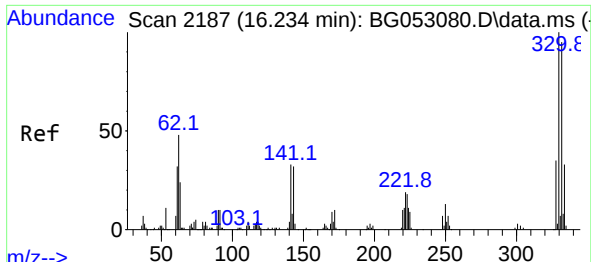
Tgt Ion: 82 Resp: 274012
Ion Ratio Lower Upper
82 100
128 36.8 31.3 46.9
54 50.4 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

Tgt Ion:164 Resp: 97958
Ion Ratio Lower Upper
164 100
162 104.5 80.0 120.0
160 45.9 38.8 58.2

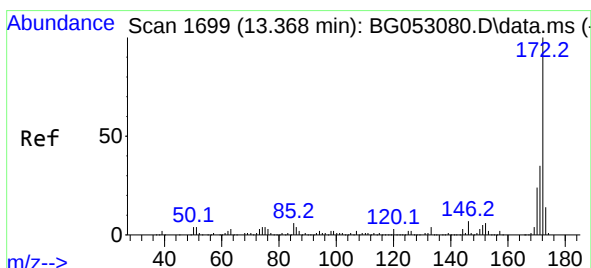
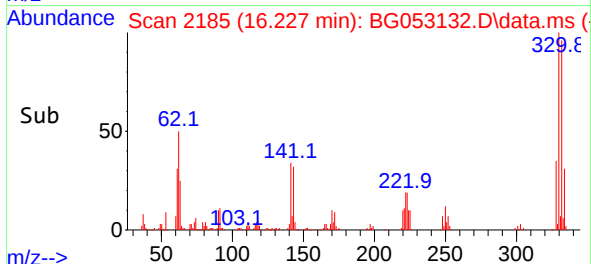
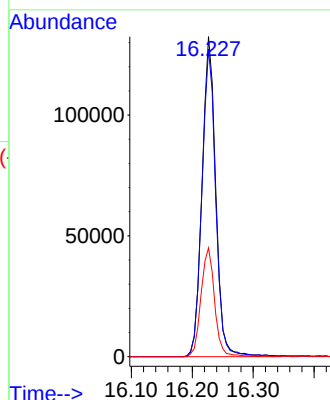
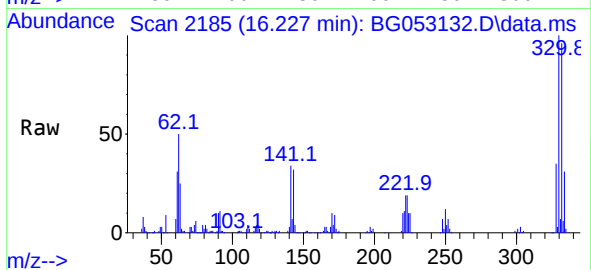




#42
2,4,6-Tribromophenol
Concen: 133.008 ng
RT: 16.227 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

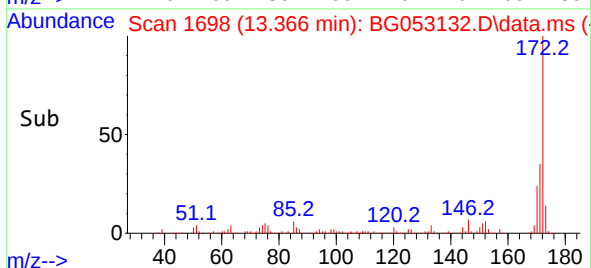
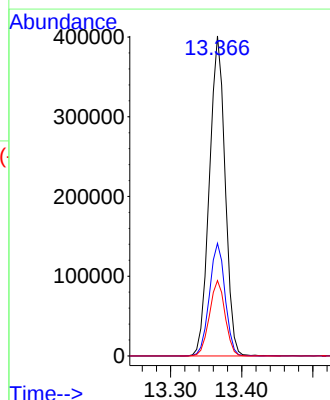
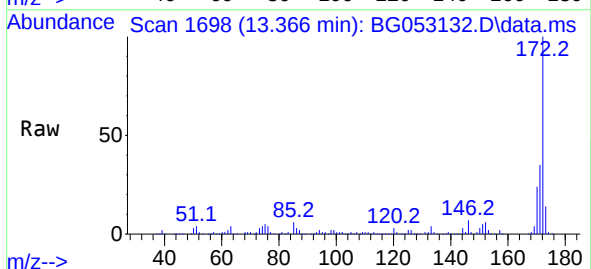
Instrument :
BNA_G
ClientSampleId :
PB144024BL

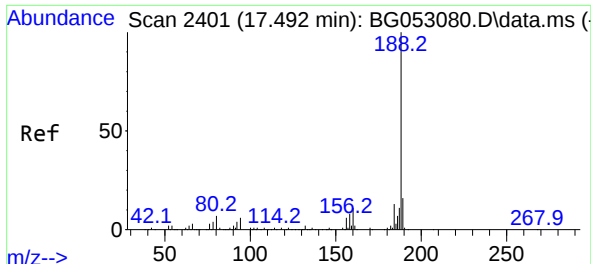
Tgt Ion:330 Resp: 207289
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 86.766 ng
RT: 13.366 min Scan# 1698
Delta R.T. -0.002 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

Tgt Ion:172 Resp: 616391
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.0 27.0

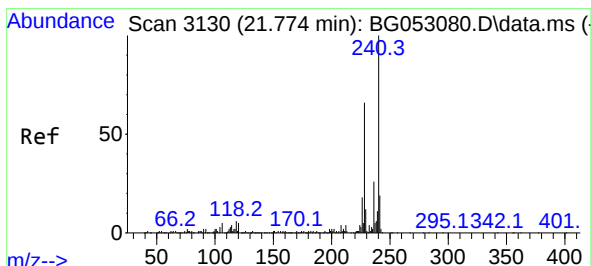
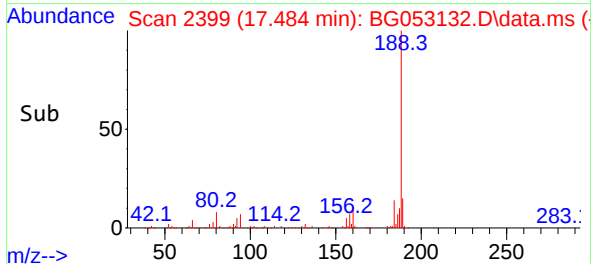
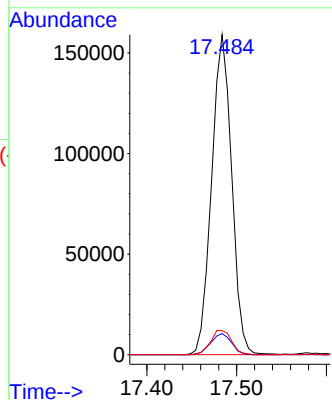
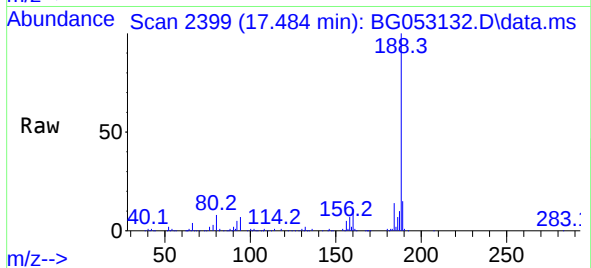




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.484 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

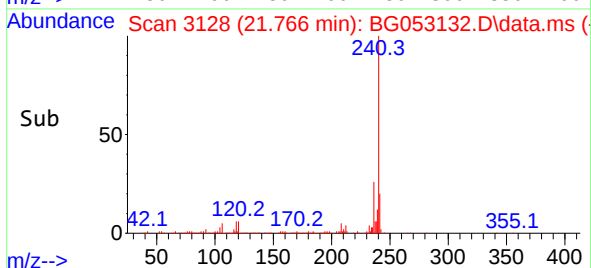
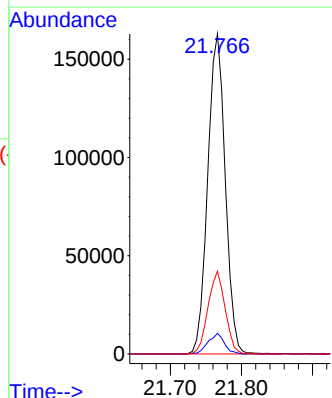
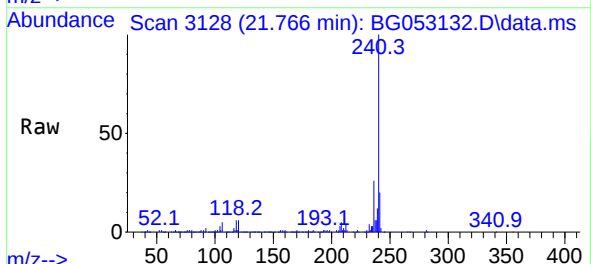
Instrument :
BNA_G
ClientSampleId :
PB144024BL

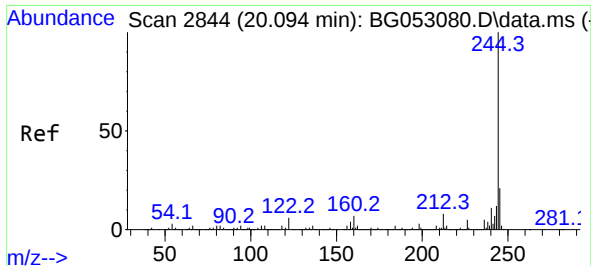
Tgt Ion:188 Resp: 246343
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053132.D
Acq: 13 Apr 2022 10:47

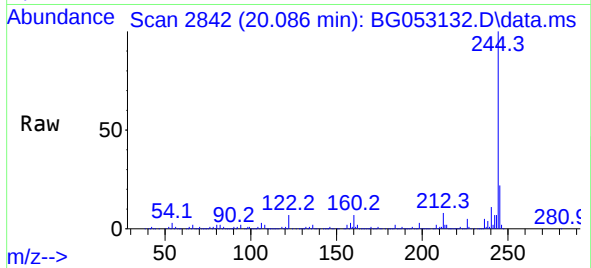
Tgt Ion:240 Resp: 279009
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.9 19.8 29.6





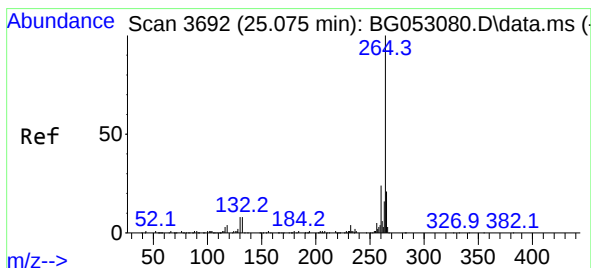
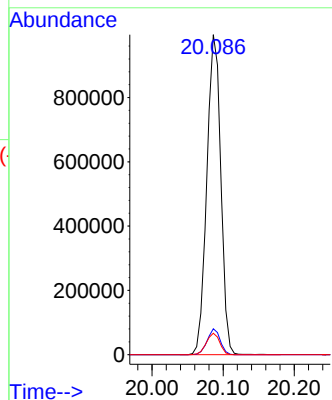
#79
 Terphenyl-d14
 Concen: 82.473 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053132.D
 Acq: 13 Apr 2022 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB144024BL



Tgt Ion:244 Resp: 1362466

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.2
122	6.7	5.8	8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.062 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG053132.D
 Acq: 13 Apr 2022 10:47

Tgt Ion:264 Resp: 274675

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	21.6	15.1	22.7

