

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053228.D
 Acq On : 20 Apr 2022 23:06
 Operator : CG/JU
 Sample : N2451-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB220415

Quant Time: Apr 21 06:05:24 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	8.112	152	39863	20.000	ng	-0.01
21) Naphthalene-d8	10.925	136	149618	20.000	ng	#-0.01
39) Acenaphthene-d10	14.738	164	106826	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	250360	20.000	ng	-0.01
76) Chrysene-d12	21.764	240	251925	20.000	ng	-0.01
86) Perylene-d12	25.065	264	249561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	146933	63.184	ng	0.00
7) Phenol-d6	7.272	99	120277	33.539	ng	-0.01
23) Nitrobenzene-d5	9.275	82	368159	99.911	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	243051	143.008	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	777809	100.399	ng	0.00
79) Terphenyl-d14	20.084	244	1414128	94.803	ng	-0.01

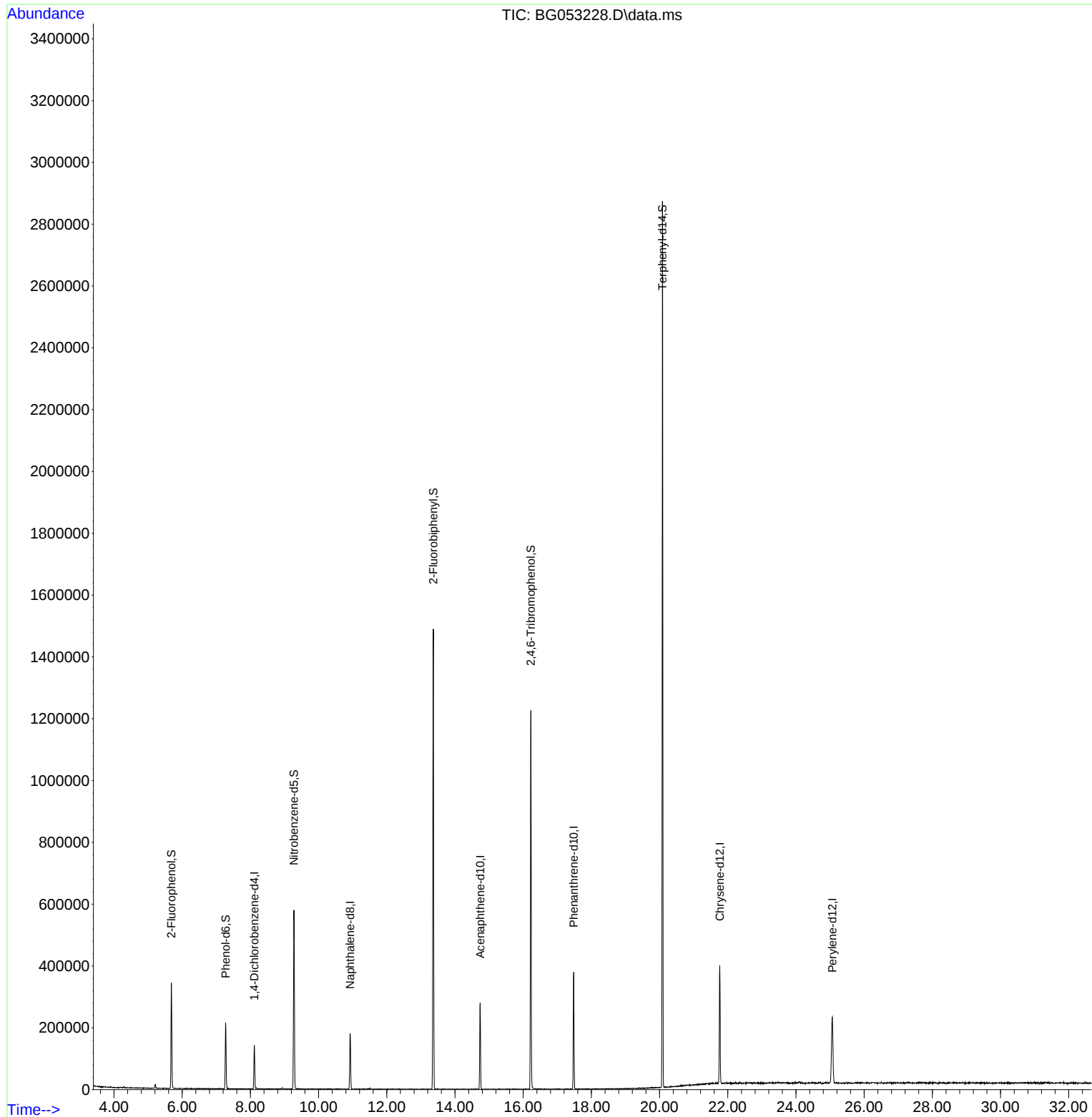
Target Compounds	Qvalue
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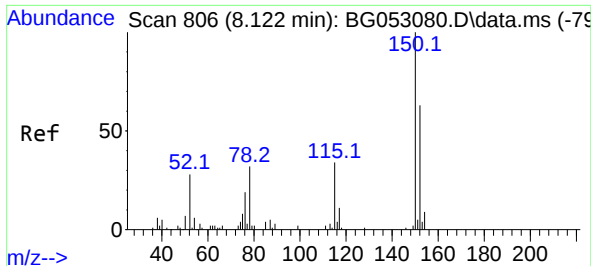
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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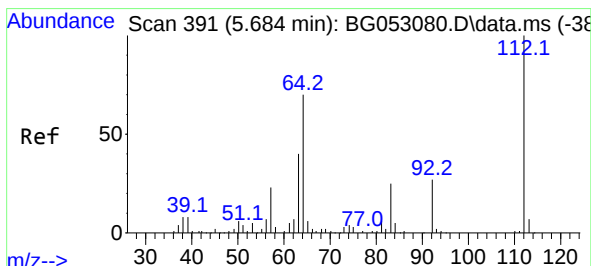
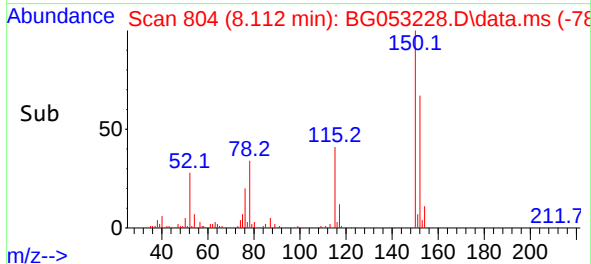
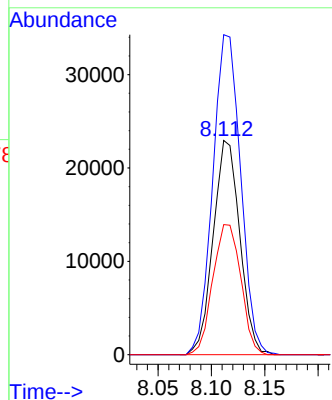
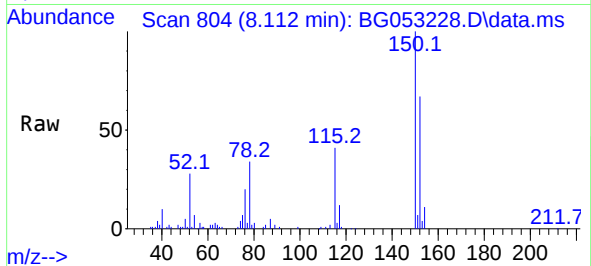




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

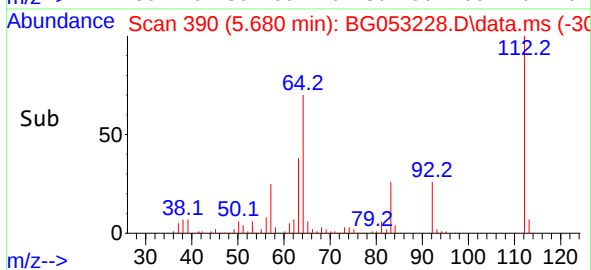
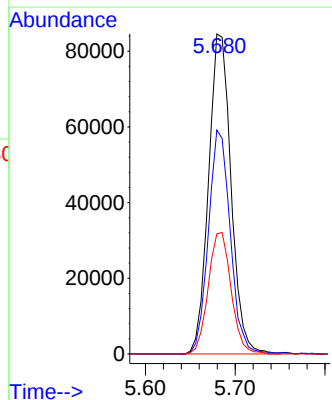
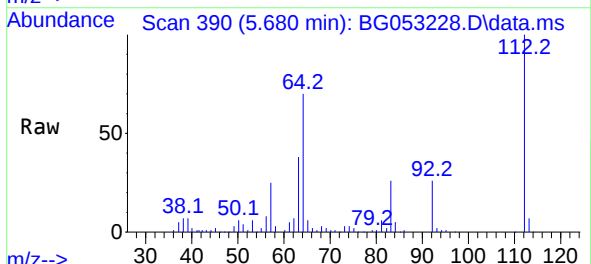
Instrument :
BNA_G
ClientSampleId :
FB220415

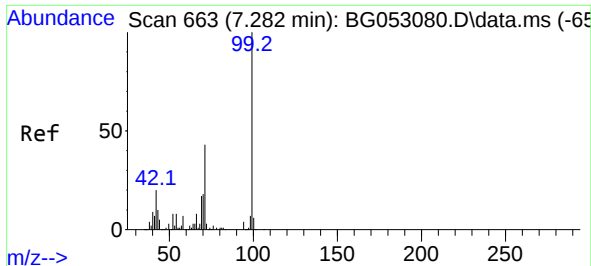
Tgt Ion:152 Resp: 39863
Ion Ratio Lower Upper
152 100
150 149.4 114.6 172.0
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 63.184 ng
RT: 5.680 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:112 Resp: 146933
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 37.5 26.5 39.7

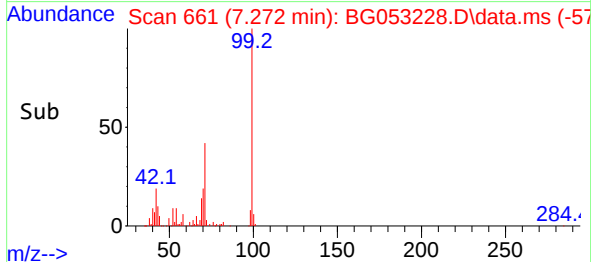
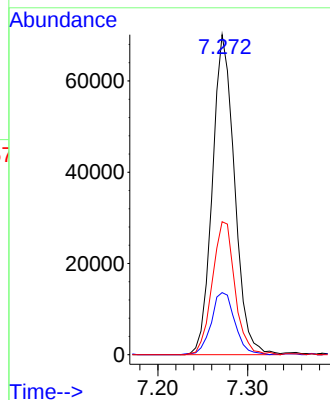
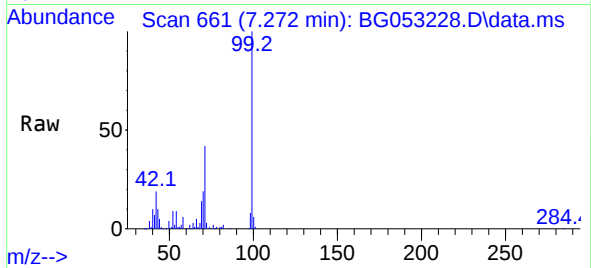




#7
Phenol-d6
Concen: 33.539 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

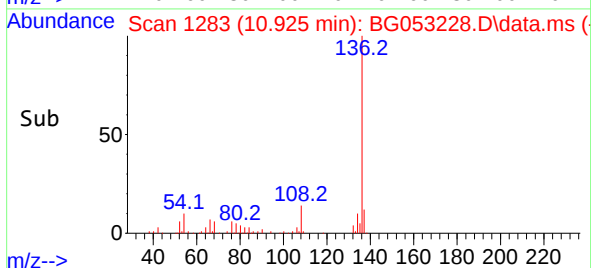
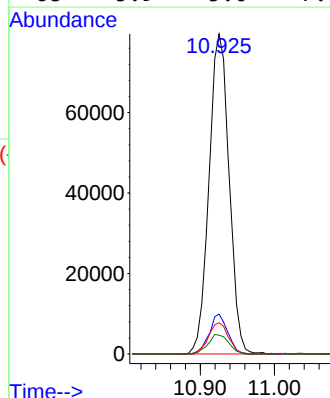
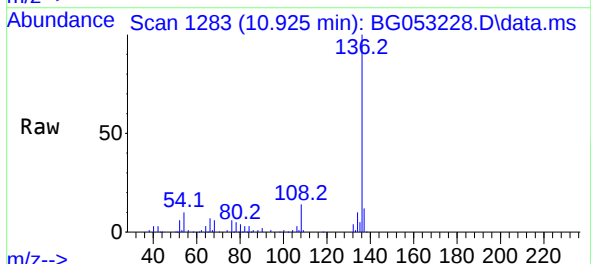
Instrument :
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ClientSampleId :
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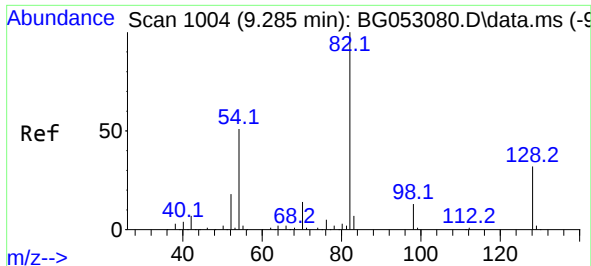
Tgt Ion: 99 Resp: 120277
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion: 136 Resp: 149618
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 9.7 6.4 9.6#
68 5.9 5.0 7.6

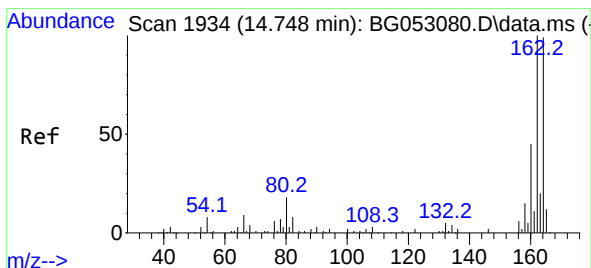
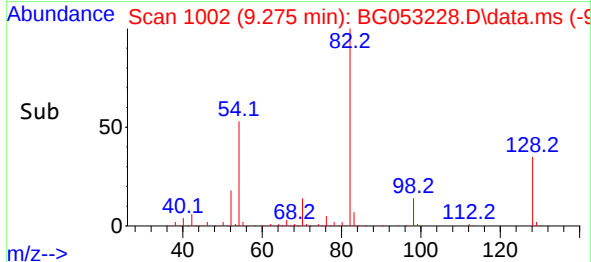
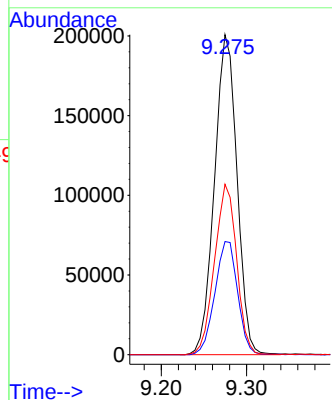
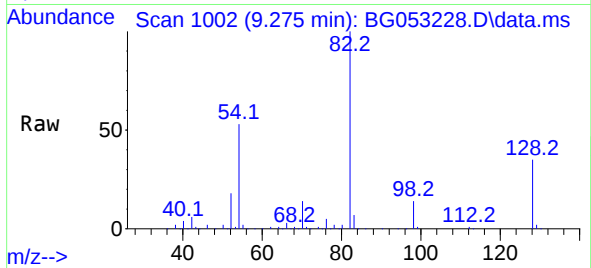




#23
Nitrobenzene-d5
Concen: 99.911 ng
RT: 9.275 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

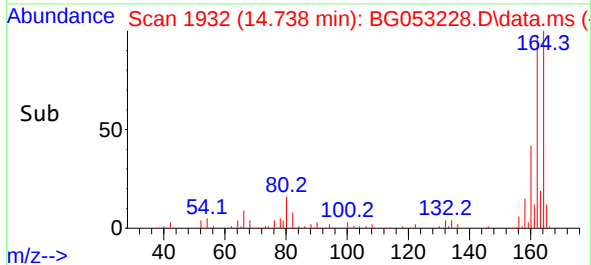
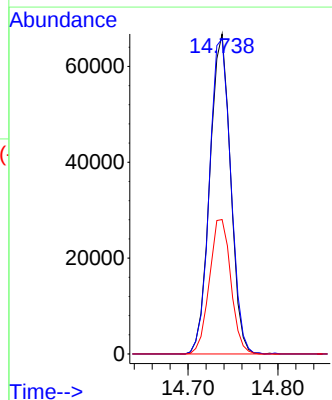
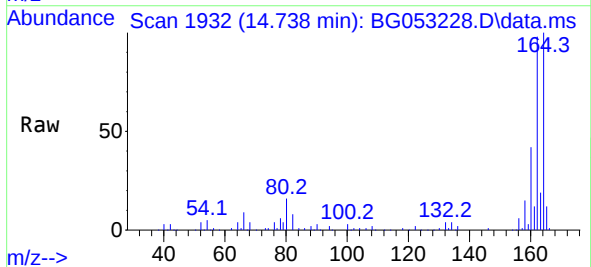
Instrument :
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ClientSampleId :
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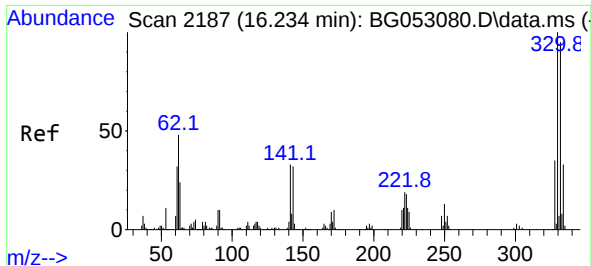
Tgt Ion: 82 Resp: 368159
Ion Ratio Lower Upper
82 100
128 35.4 31.3 46.9
54 53.2 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

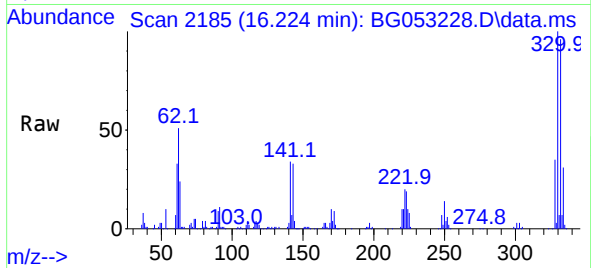
Tgt Ion:164 Resp: 106826
Ion Ratio Lower Upper
164 100
162 98.5 80.0 120.0
160 42.0 38.8 58.2



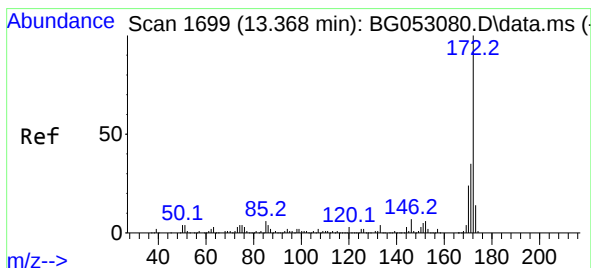
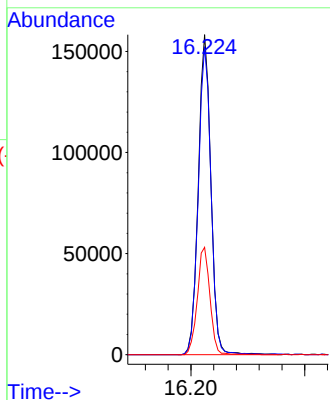
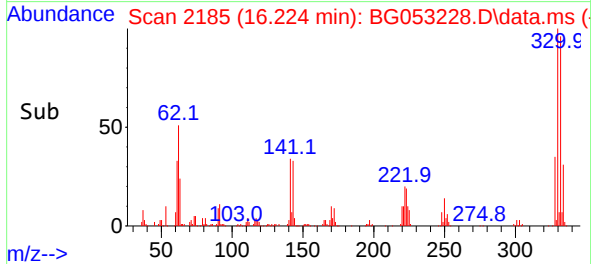


#42
2,4,6-Tribromophenol
Concen: 143.008 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Instrument :
BNA_G
ClientSampleId :
FB220415

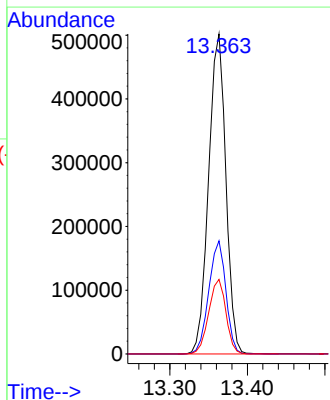
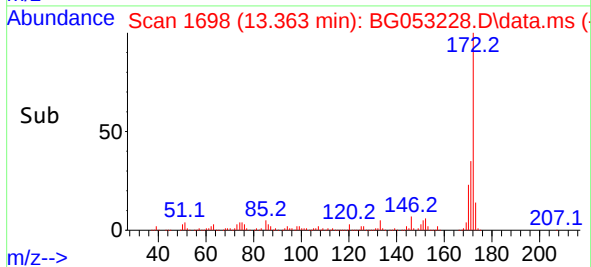
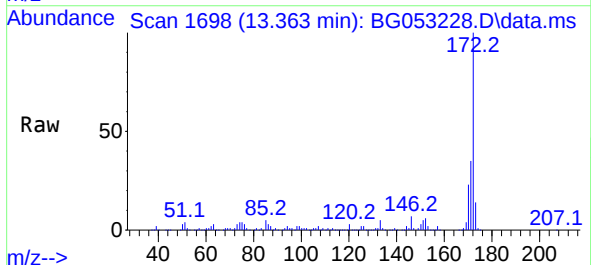


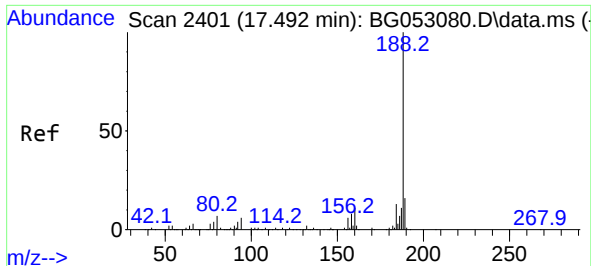
Tgt Ion:330 Resp: 243051
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 100.399 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:172 Resp: 777809
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.0 27.0

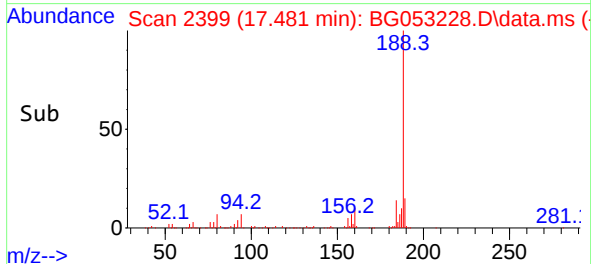
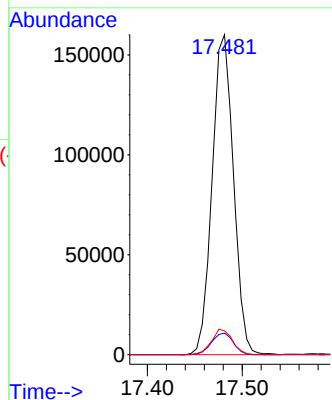
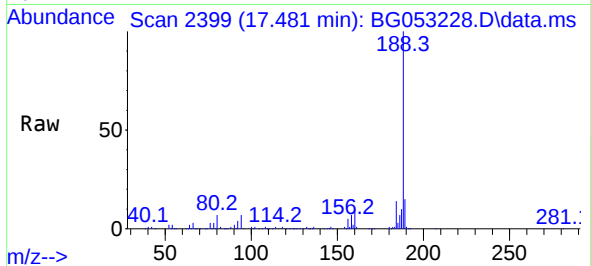




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

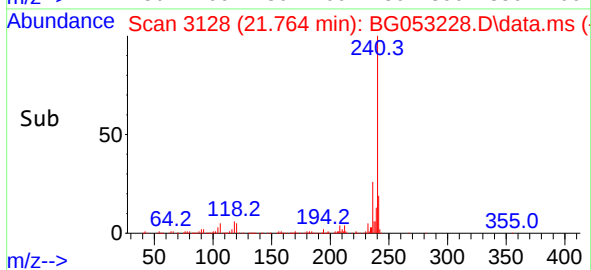
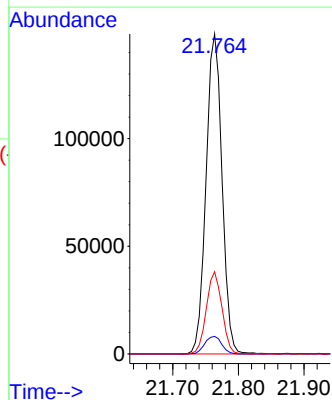
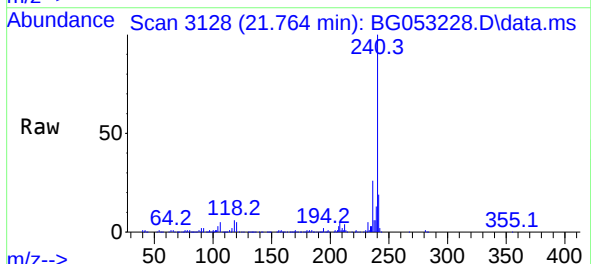
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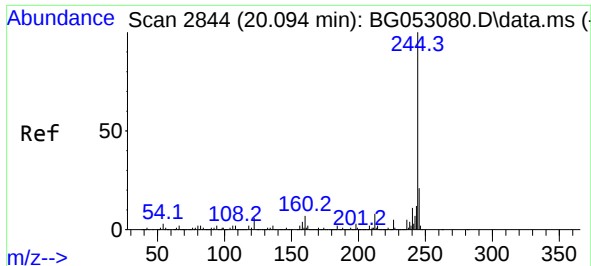
Tgt Ion:188 Resp: 250360
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:240 Resp: 251925
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 25.7 19.8 29.6

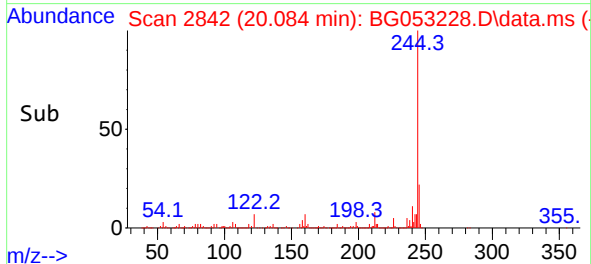
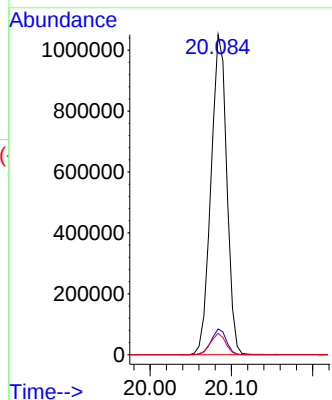
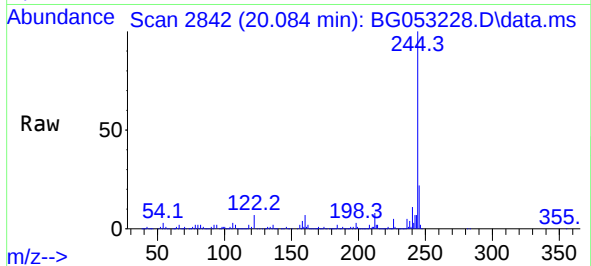




#79
 Terphenyl-d14
 Concen: 94.803 ng
 RT: 20.084 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG053228.D
 Acq: 20 Apr 2022 23:06

Instrument :
 BNA_G
 ClientSampleId :
 FB220415

Tgt Ion:244 Resp: 1414128
 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: 25.065 min Scan# 3690
 Delta R.T. -0.010 min
 Lab File: BG053228.D
 Acq: 20 Apr 2022 23:06

Tgt Ion:264 Resp: 249561
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.5 15.1 22.7

