

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052772.D
 Acq On : 21 Mar 2022 17:49
 Operator : CG/JU
 Sample : N2011-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-A

Quant Time: Mar 22 02:54:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	46770	20.000	ng	-0.01
21) Naphthalene-d8	10.957	136	195985	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	137938	20.000	ng	-0.01
64) Phenanthrene-d10	17.507	188	305602	20.000	ng	-0.01
76) Chrysene-d12	21.790	240	288161	20.000	ng	-0.02
86) Perylene-d12	25.109	264	302278	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	269508	100.353	ng	0.00
7) Phenol-d6	7.292	99	427220	105.517	ng	0.00
23) Nitrobenzene-d5	9.301	82	299352	76.662	ng	-0.02
42) 2,4,6-Tribromophenol	16.244	330	193437	104.362	ng	-0.02
45) 2-Fluorobiphenyl	13.389	172	684466	73.184	ng	-0.02
79) Terphenyl-d14	20.109	244	1182165	72.976	ng	-0.02

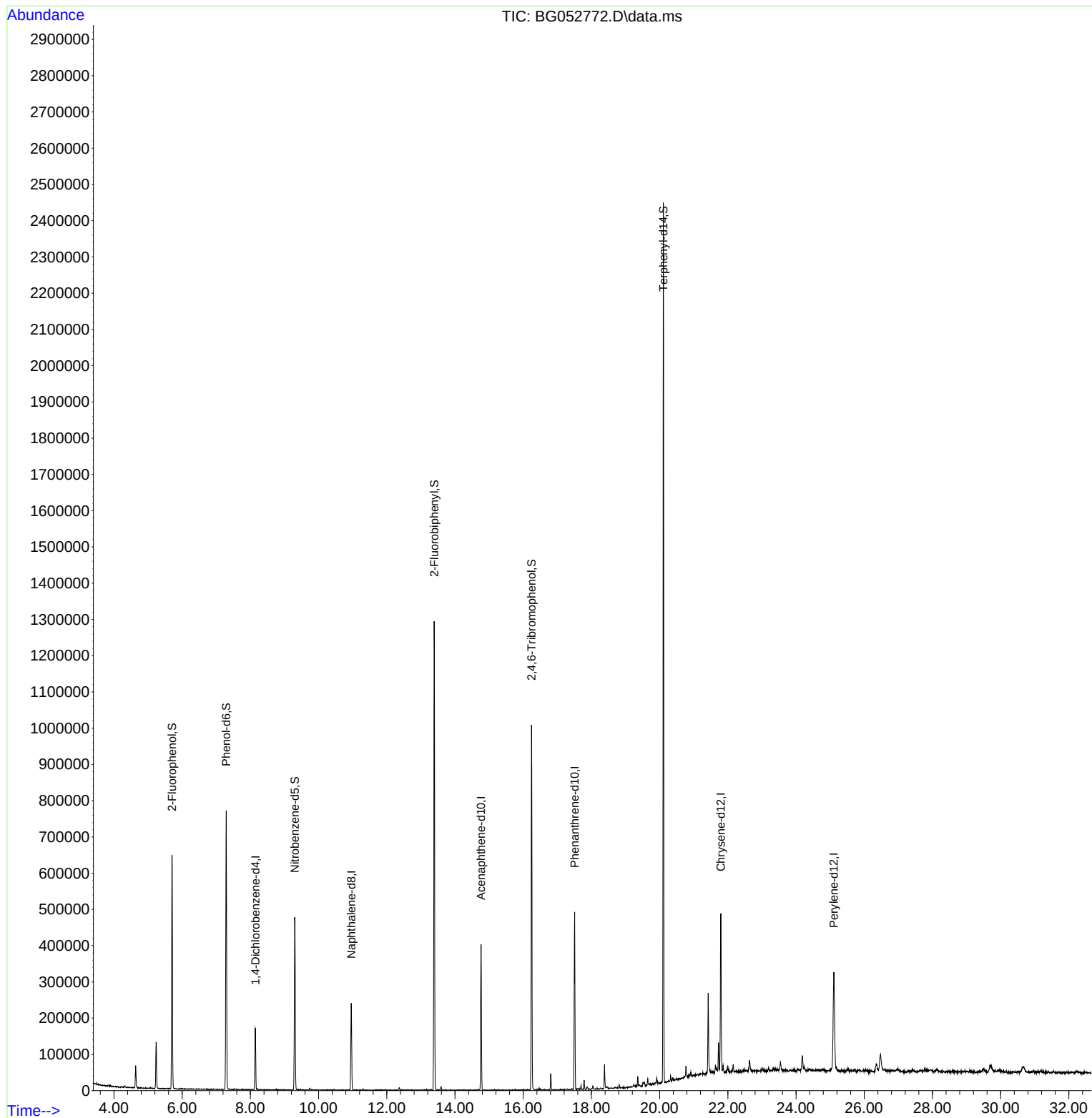
Target Compounds	Qvalue

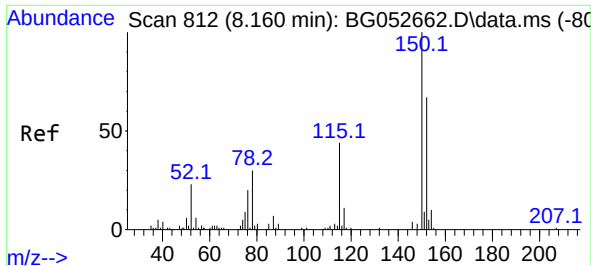
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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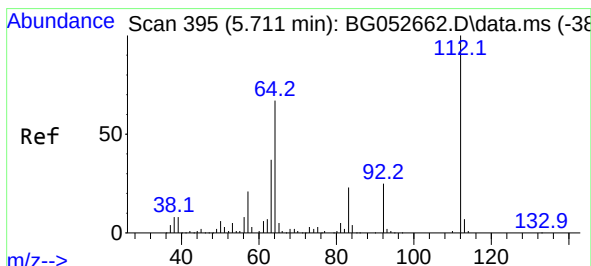
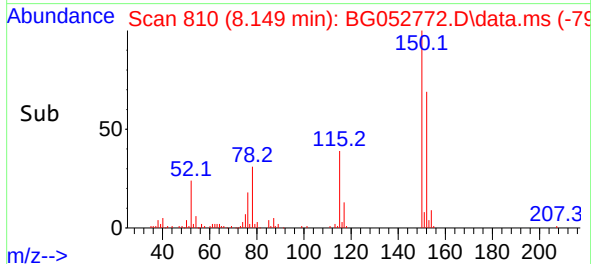
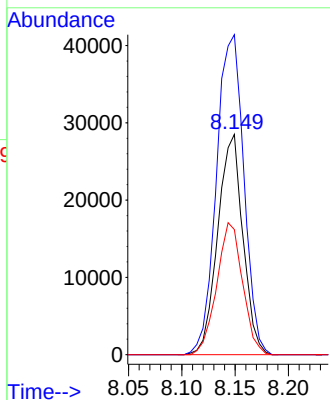
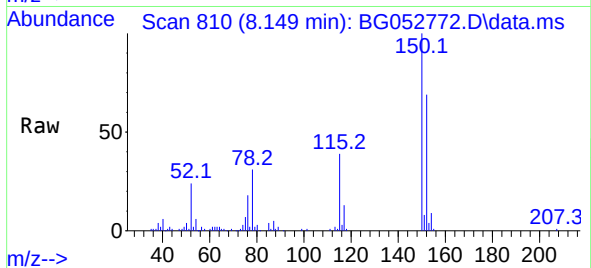




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

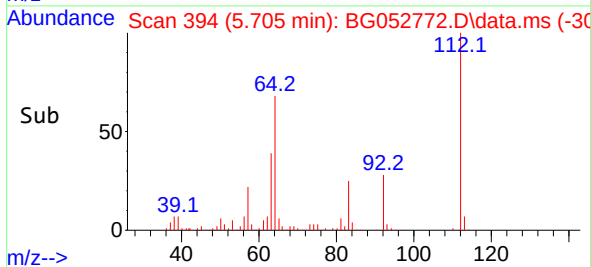
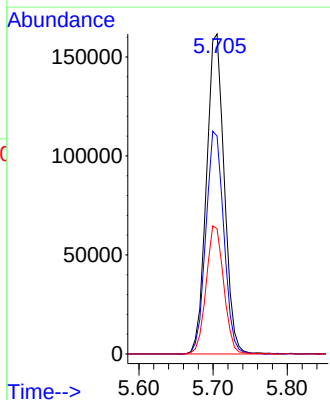
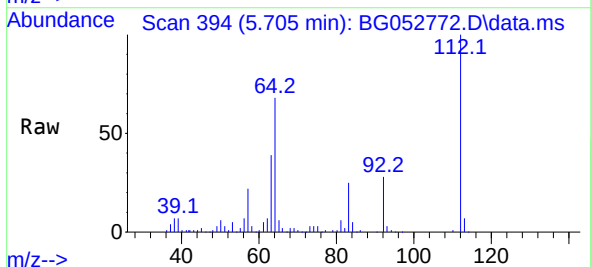
Instrument :
BNA_G
ClientSampleId :
C-A

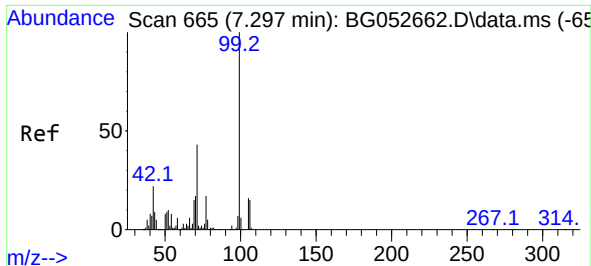
Tgt Ion:152 Resp: 46770
Ion Ratio Lower Upper
152 100
150 145.2 114.6 172.0
115 56.8 45.9 68.9



#5
2-Fluorophenol
Concen: 100.353 ng
RT: 5.705 min Scan# 394
Delta R.T. -0.005 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:112 Resp: 269508
Ion Ratio Lower Upper
112 100
64 68.1 48.0 72.0
63 39.1 26.5 39.7

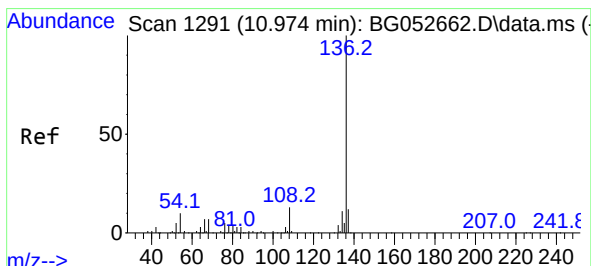
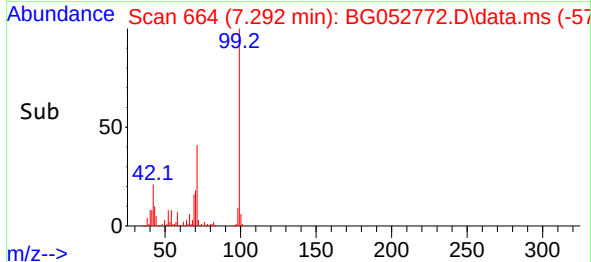
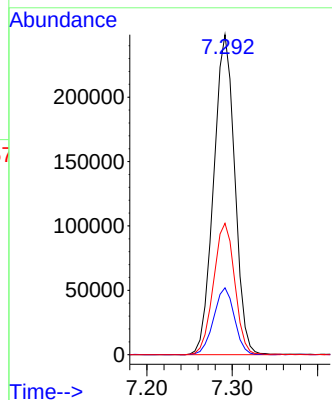
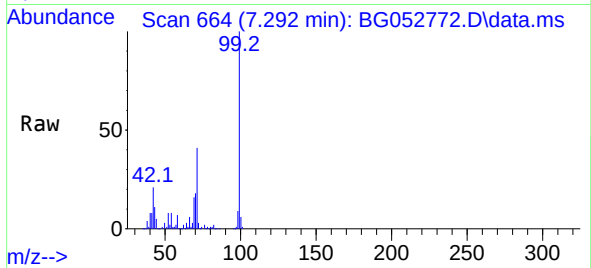




#7
Phenol-d6
Concen: 105.517 ng
RT: 7.292 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

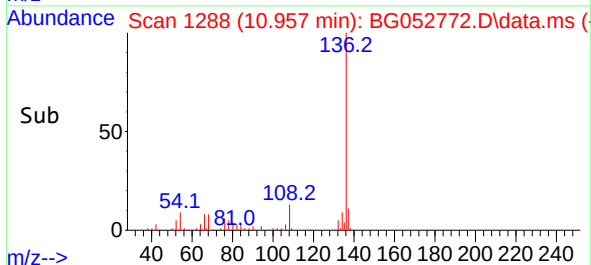
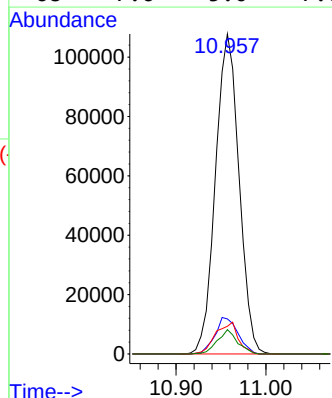
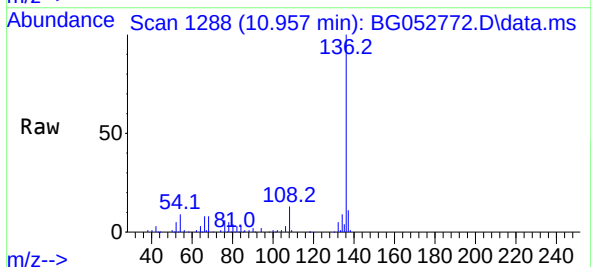
Instrument :
BNA_G
ClientSampleId :
C-A

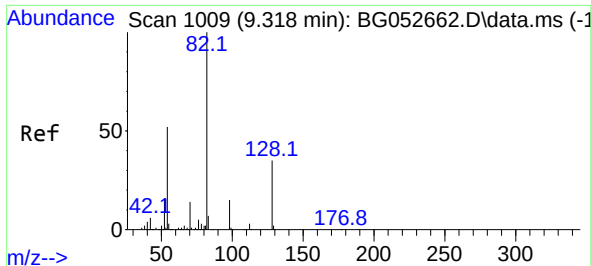
Tgt Ion: 99 Resp: 427220
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 41.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 1288
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion: 136 Resp: 195985
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 8.7 6.4 9.6
68 7.6 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 76.662 ng

RT: 9.301 min Scan# 1009

Delta R.T. -0.017 min

Lab File: BG052772.D

Acq: 21 Mar 2022 17:49

Instrument :

BNA_G

ClientSampleId :

C-A

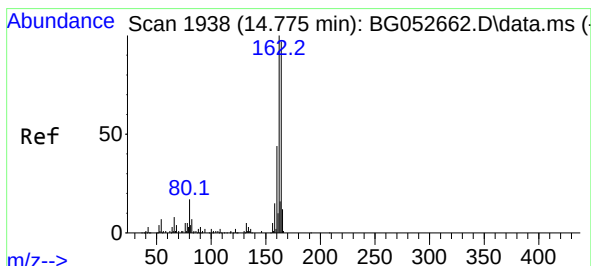
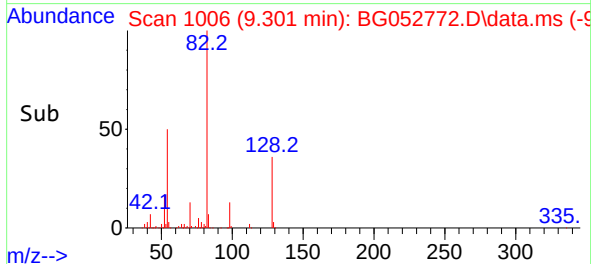
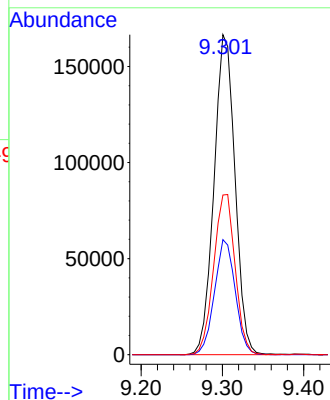
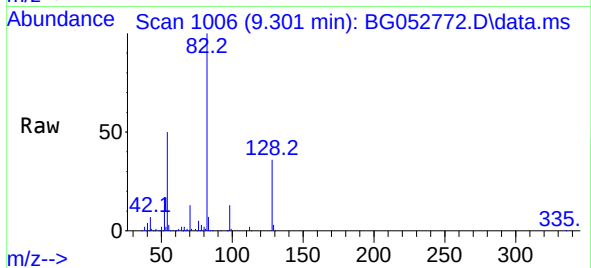
Tgt Ion: 82 Resp: 299352

Ion Ratio Lower Upper

82 100

128 35.9 31.3 46.9

54 49.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.764 min Scan# 1936

Delta R.T. -0.011 min

Lab File: BG052772.D

Acq: 21 Mar 2022 17:49

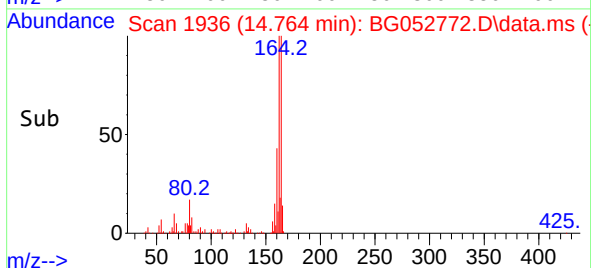
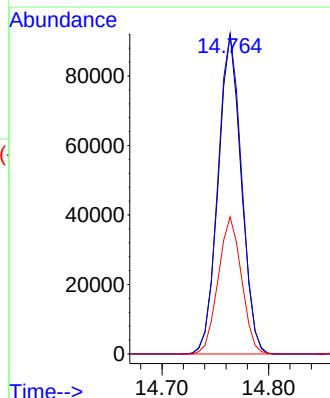
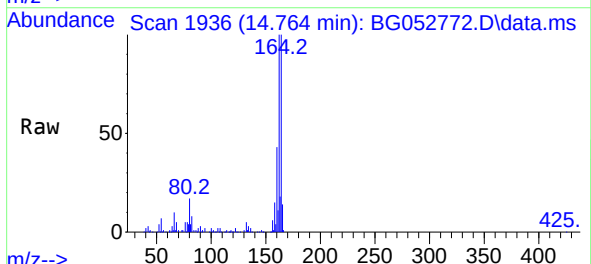
Tgt Ion:164 Resp: 137938

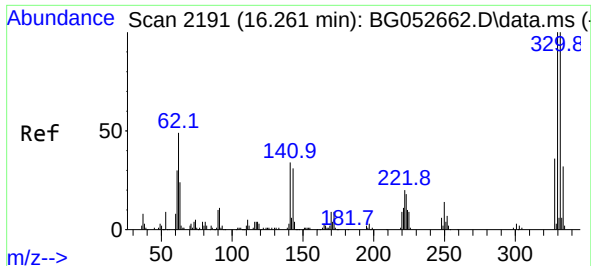
Ion Ratio Lower Upper

164 100

162 100.3 80.0 120.0

160 43.0 38.8 58.2

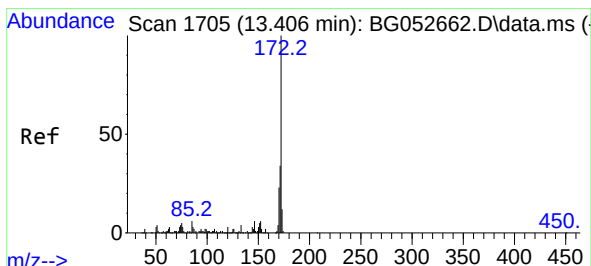
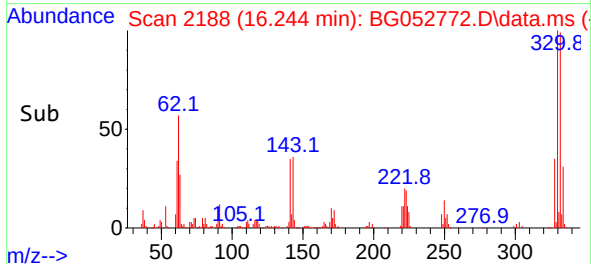
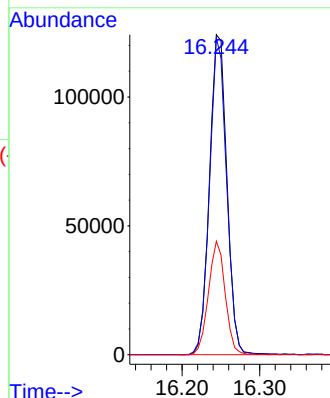
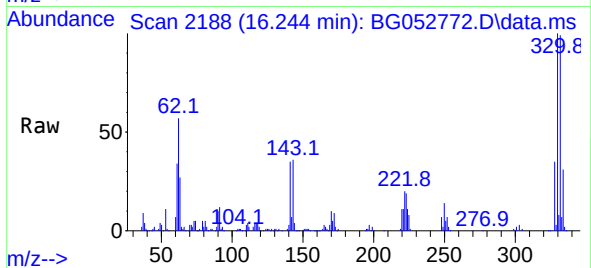




#42
2,4,6-Tribromophenol
Concen: 104.362 ng
RT: 16.244 min Scan# 2191
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

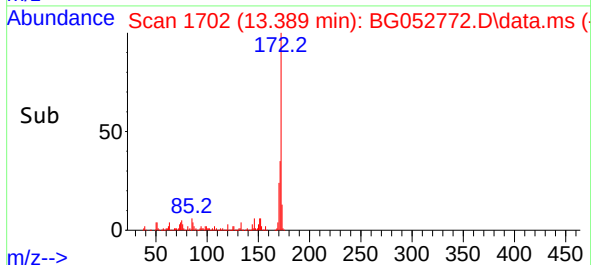
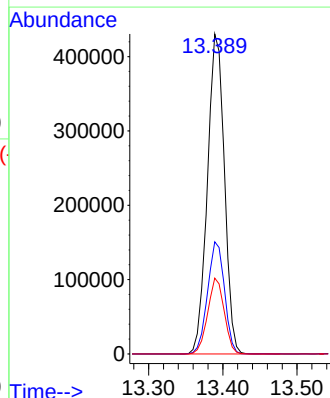
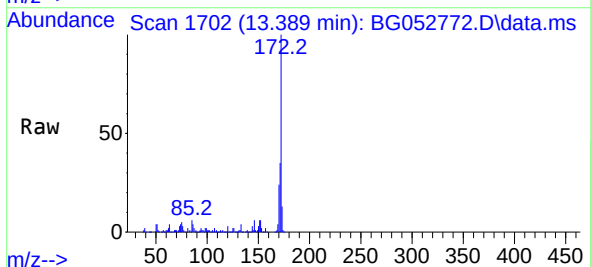
Instrument :
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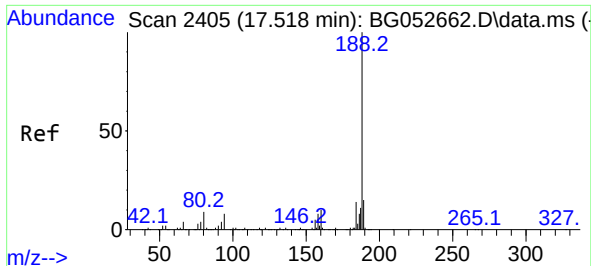
Tgt Ion:330 Resp: 193437
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 34.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.184 ng
RT: 13.389 min Scan# 1702
Delta R.T. -0.017 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:172 Resp: 684466
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 18.0 27.0

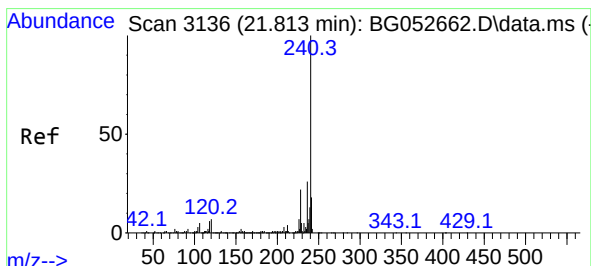
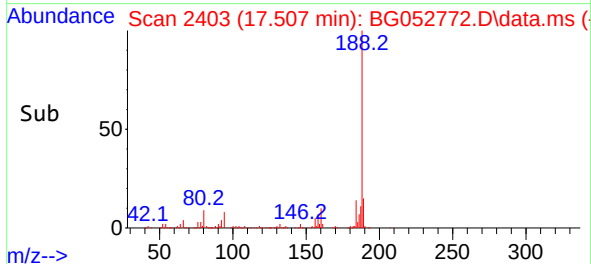
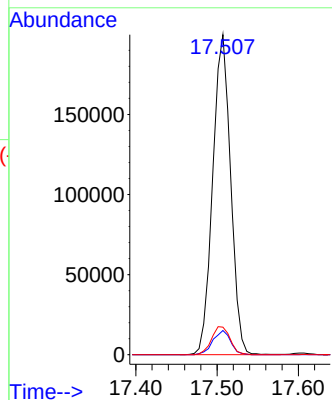
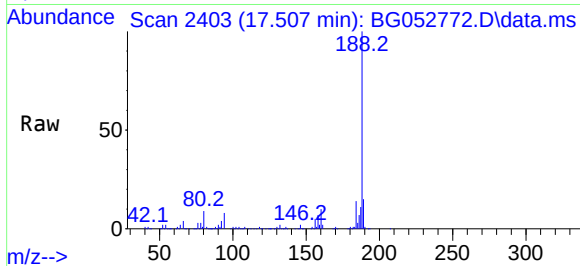




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2403
Delta R.T. -0.011 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

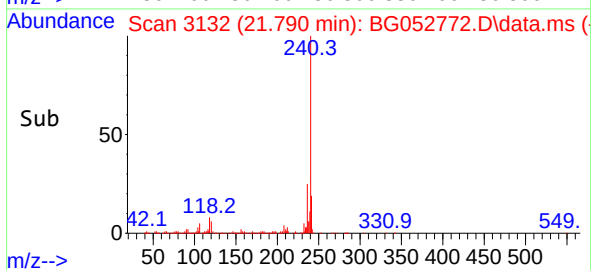
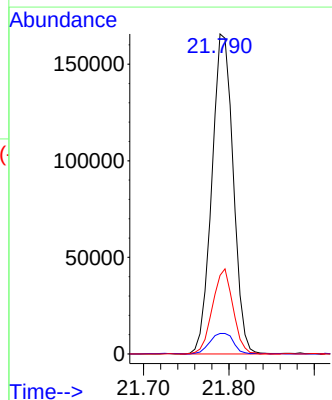
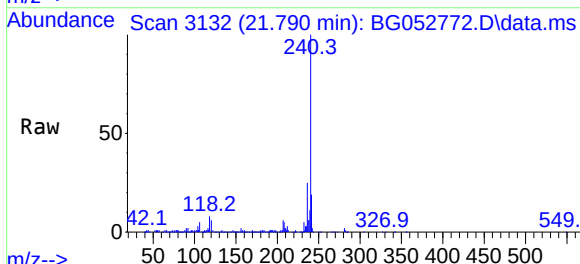
Instrument :
BNA_G
ClientSampleId :
C-A

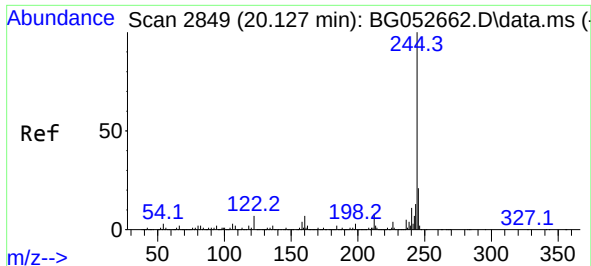
Tgt Ion:188 Resp: 305602
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 3132
Delta R.T. -0.023 min
Lab File: BG052772.D
Acq: 21 Mar 2022 17:49

Tgt Ion:240 Resp: 288161
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.5 19.8 29.6

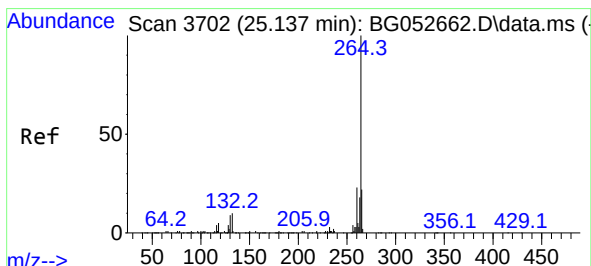
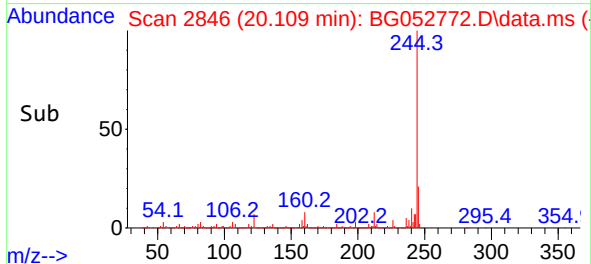
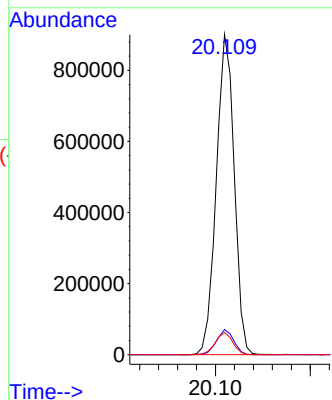
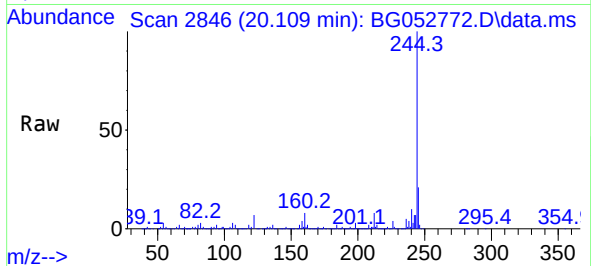




#79
 Terphenyl-d14
 Concen: 72.976 ng
 RT: 20.109 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG052772.D
 Acq: 21 Mar 2022 17:49

Instrument :
 BNA_G
 ClientSampleId :
 C-A

Tgt Ion:244 Resp: 1182165
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.109 min Scan# 3697
 Delta R.T. -0.029 min
 Lab File: BG052772.D
 Acq: 21 Mar 2022 17:49

Tgt Ion:264 Resp: 302278
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.8 15.1 22.7

