

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055001.D
 Acq On : 21 Sep 2022 20:04
 Operator : CG/JU
 Sample : N4723-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-26-COMP

Quant Time: Sep 22 04:44:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	37804	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	151756	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	106513	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	259596	20.000	ng	0.00
76) Chrysene-d12	21.723	240	269809	20.000	ng	-0.01
86) Perylene-d12	25.025	264	283778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	176171	91.184	ng	0.00
7) Phenol-d6	7.222	99	243121	93.881	ng	0.00
23) Nitrobenzene-d5	9.237	82	144286	55.109	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	94239	75.524	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	406538	60.152	ng	0.00
79) Terphenyl-d14	20.048	244	800658	62.075	ng	0.00

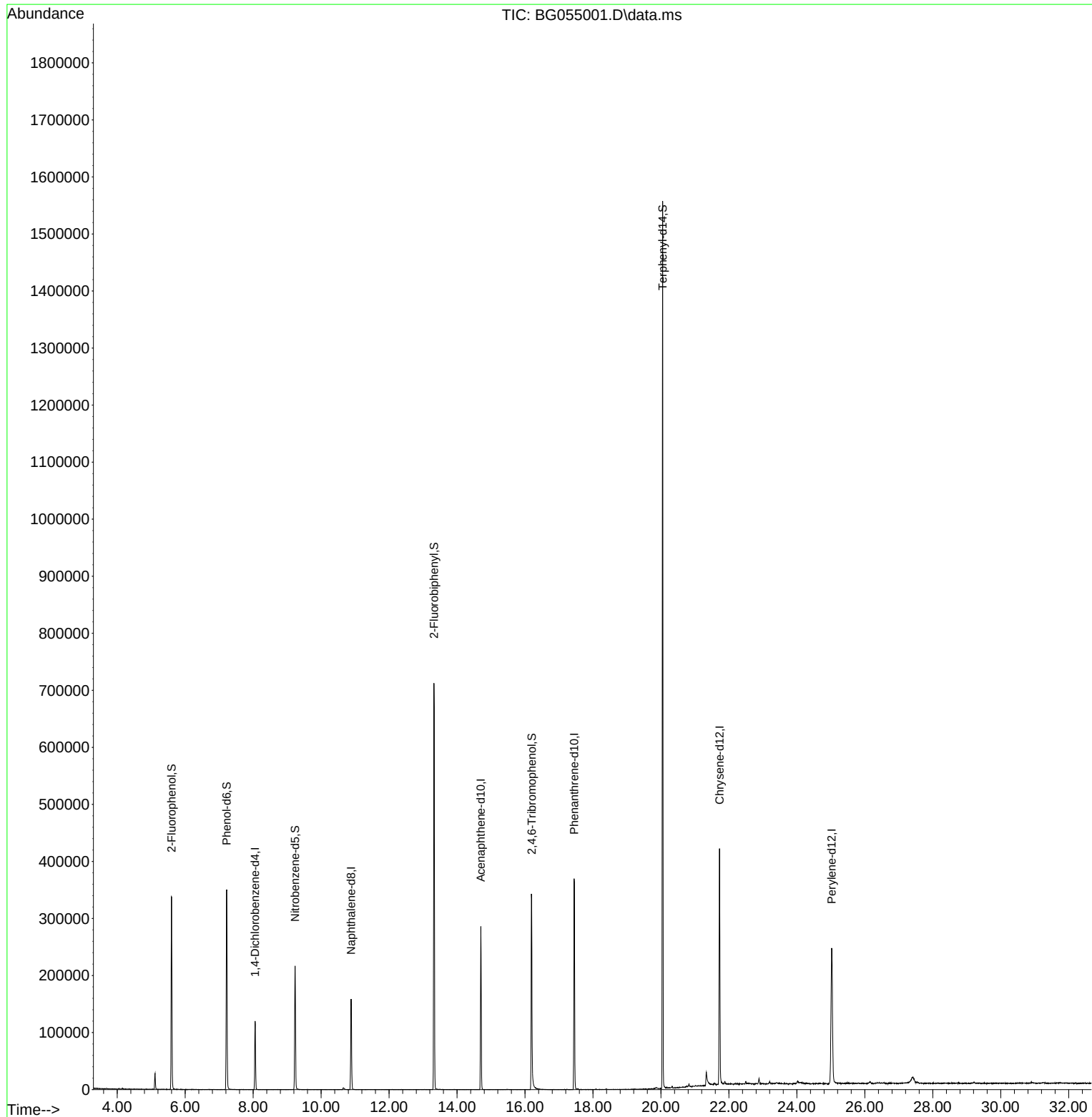
Target Compounds Qvalue

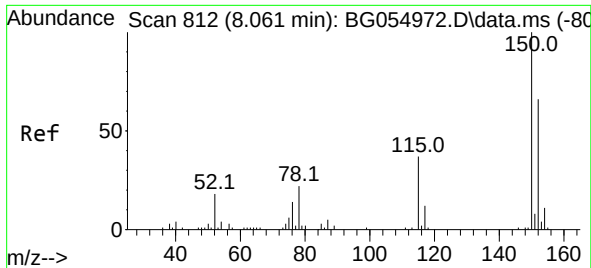
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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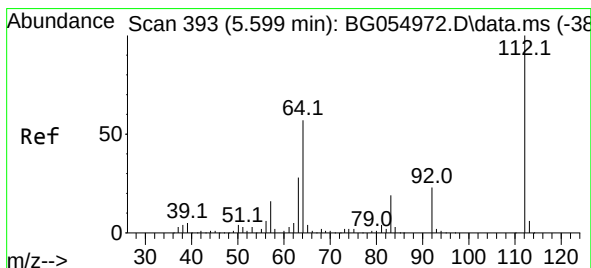
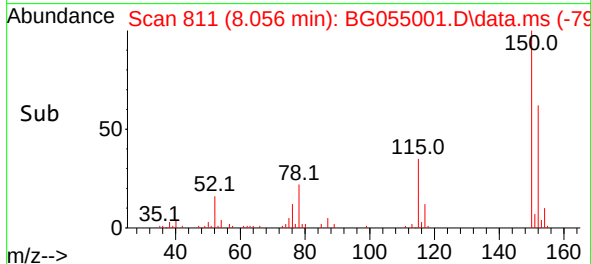
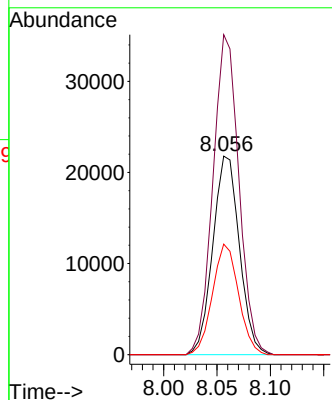
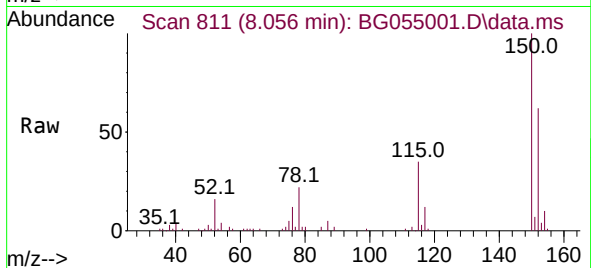




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

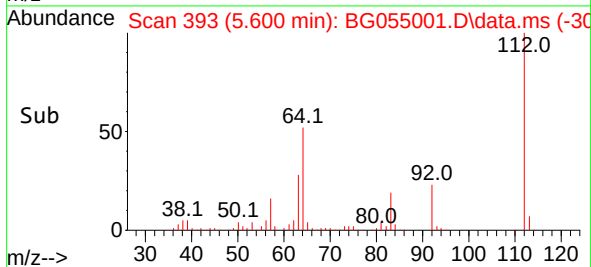
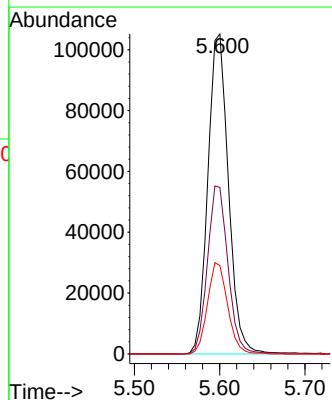
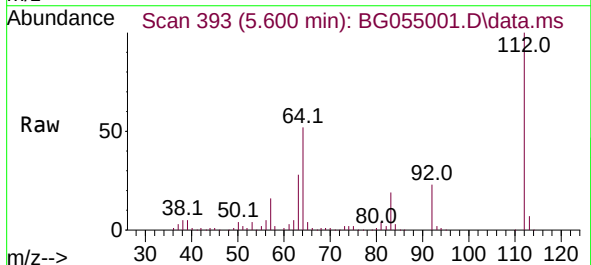
Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

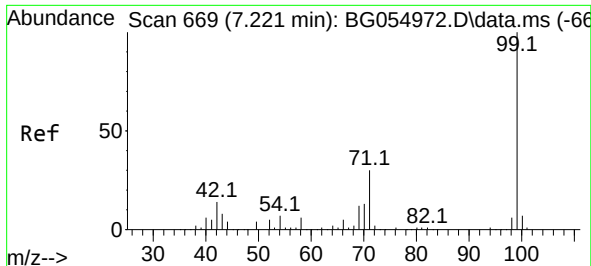
Tgt Ion:152 Resp: 37804
Ion Ratio Lower Upper
152 100
150 161.2 125.2 187.8
115 55.6 47.9 71.9



#5
2-Fluorophenol
Concen: 91.184 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion:112 Resp: 176171
Ion Ratio Lower Upper
112 100
64 52.0 49.3 73.9
63 27.6 26.3 39.5

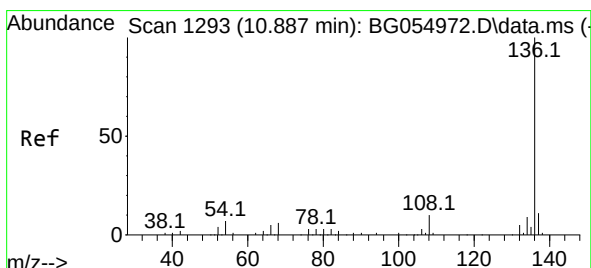
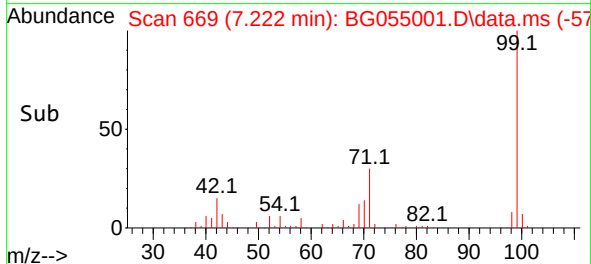
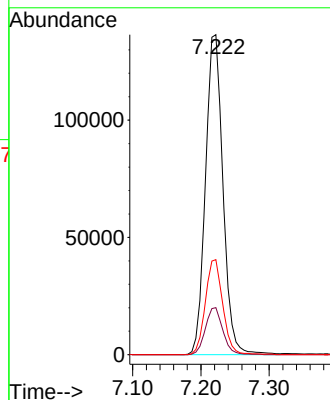
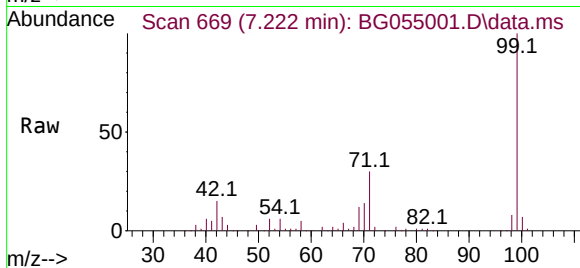




#7
Phenol-d6
Concen: 93.881 ng
RT: 7.222 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

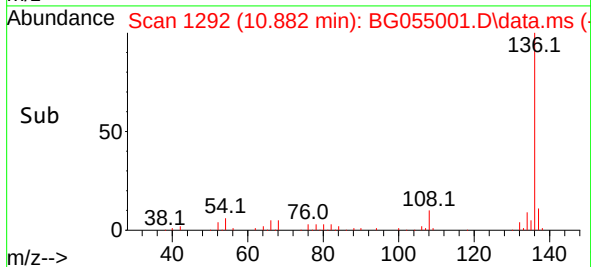
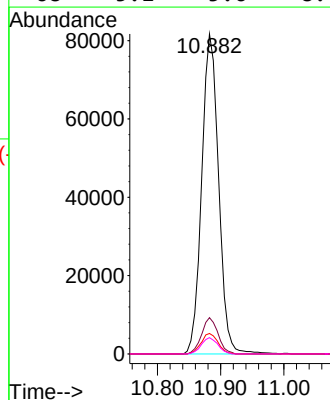
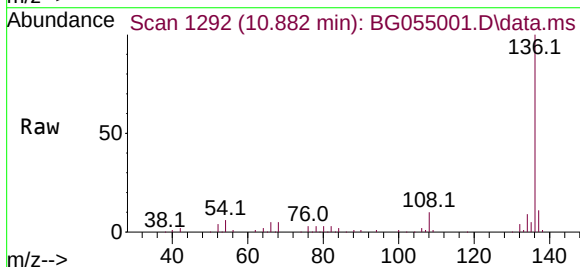
Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

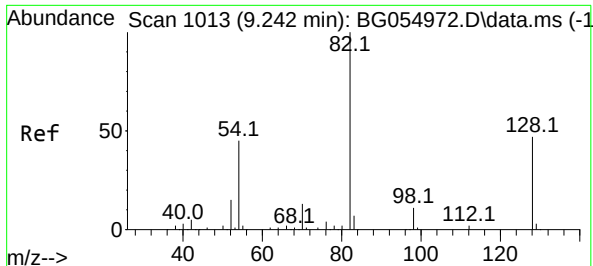
Tgt Ion: 99 Resp: 243121
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion: 136 Resp: 151756
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.4 7.7 11.5#
68 5.1 5.6 8.4#

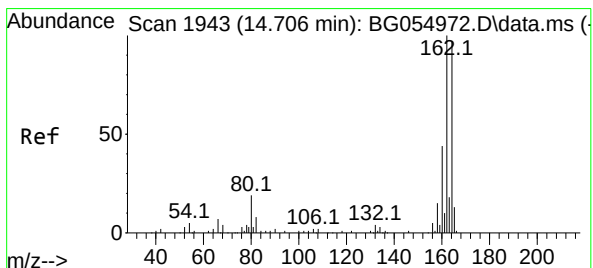
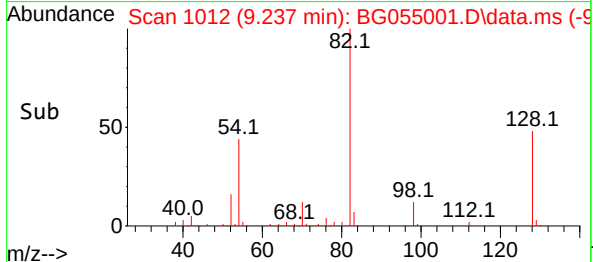
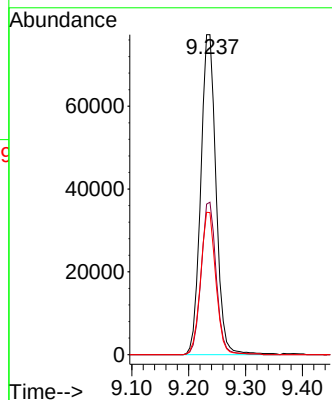
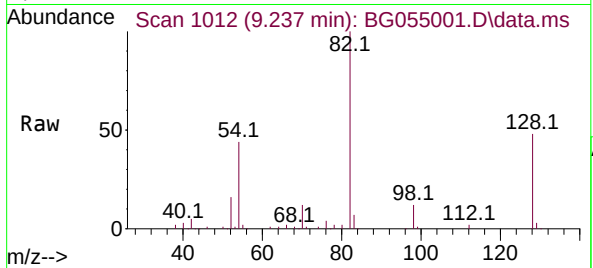




#23
Nitrobenzene-d5
Concen: 55.109 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

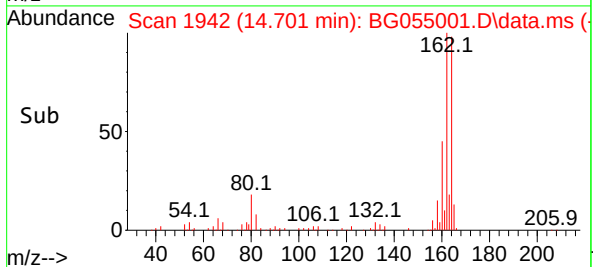
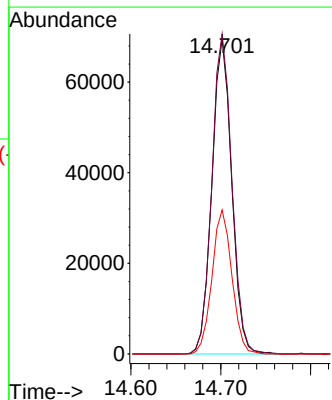
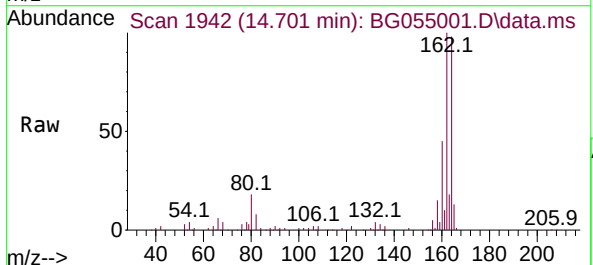
Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

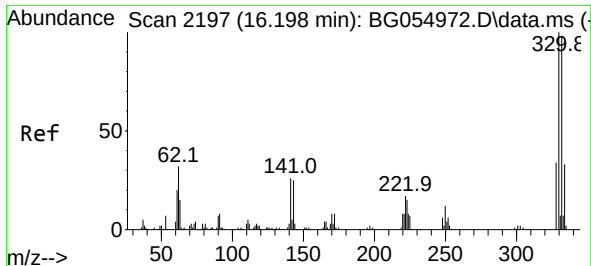
Tgt Ion: 82 Resp: 144286
Ion Ratio Lower Upper
82 100
128 47.6 32.2 48.2
54 44.4 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion: 164 Resp: 106513
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 45.7 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 75.524 ng

RT: 16.194 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055001.D

Acq: 21 Sep 2022 20:04

Instrument :

BNA_G

ClientSampleId :

SB-26-COMP

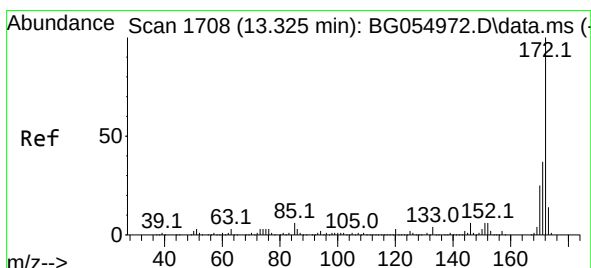
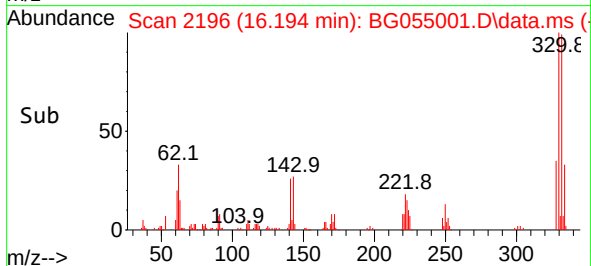
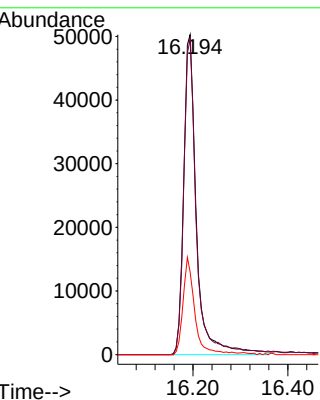
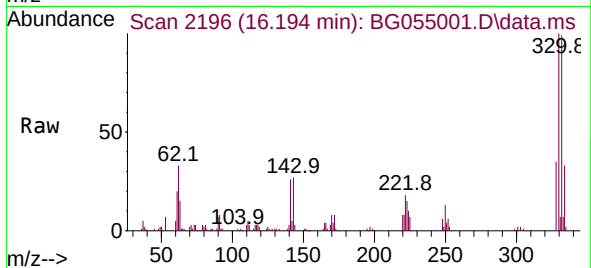
Tgt Ion:330 Resp: 94239

Ion Ratio Lower Upper

330 100

332 97.3 79.8 119.6

141 27.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 60.152 ng

RT: 13.321 min Scan# 1707

Delta R.T. -0.005 min

Lab File: BG055001.D

Acq: 21 Sep 2022 20:04

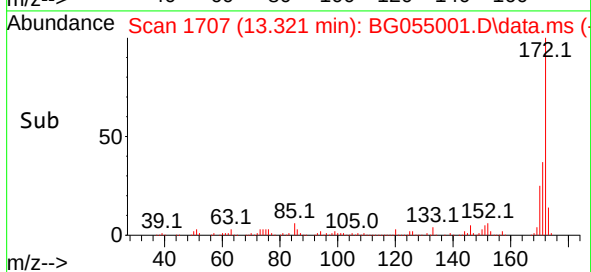
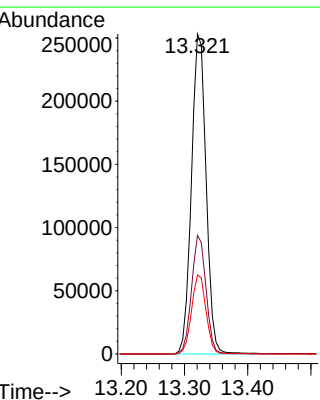
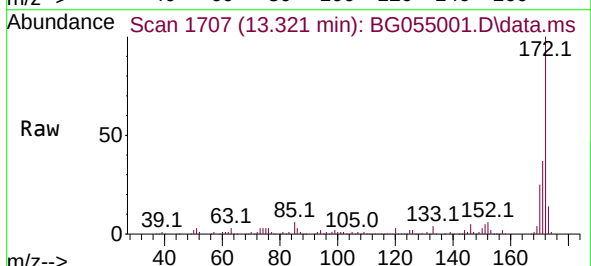
Tgt Ion:172 Resp: 406538

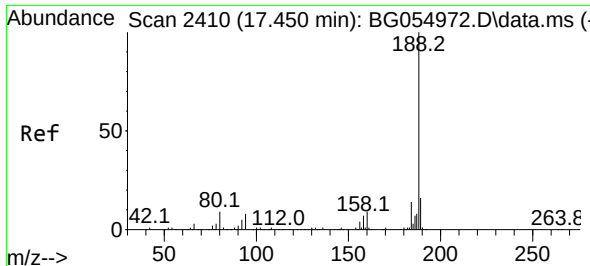
Ion Ratio Lower Upper

172 100

171 37.0 31.2 46.8

170 24.6 20.6 30.8

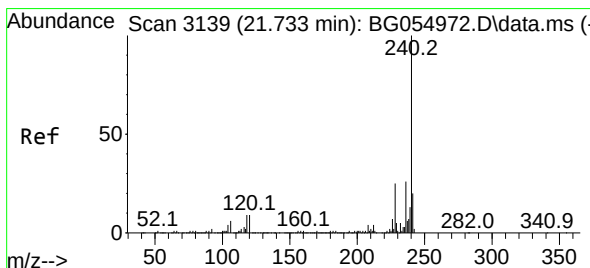
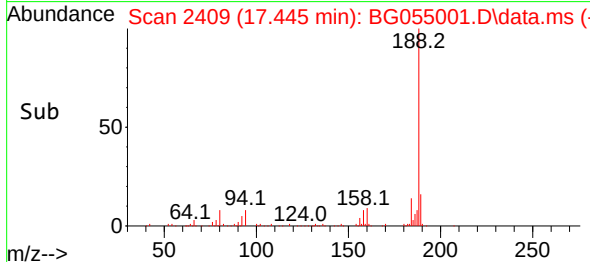
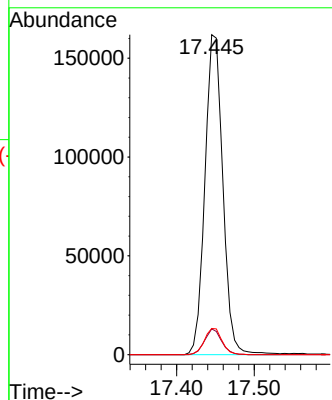
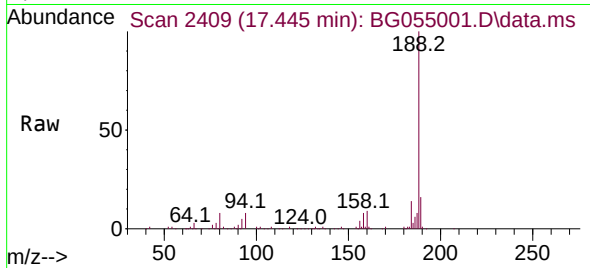




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

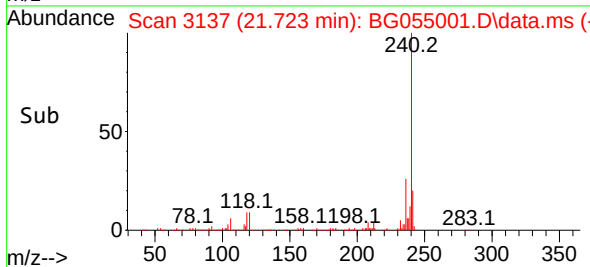
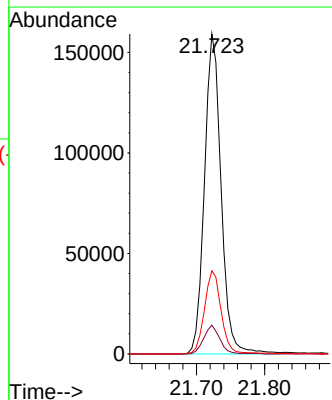
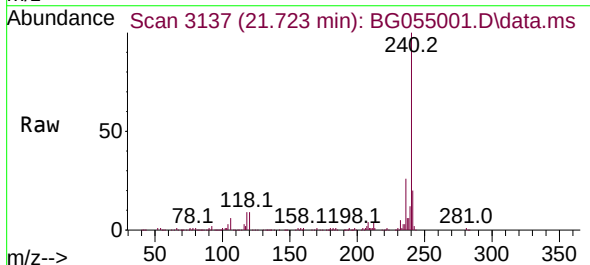
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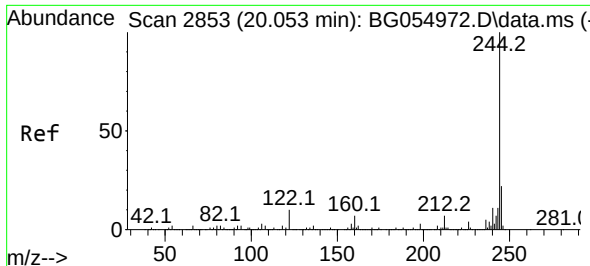
Tgt Ion:188 Resp: 259596
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.723 min Scan# 3137
Delta R.T. -0.010 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion:240 Resp: 269809
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.0 21.2 31.8

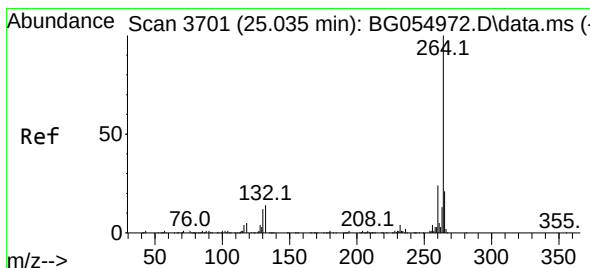
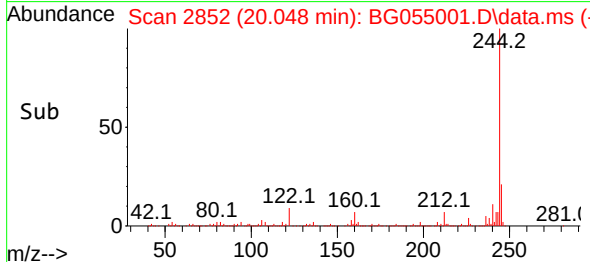
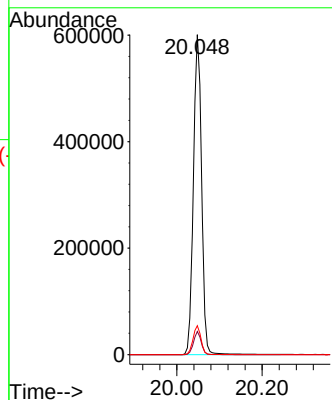
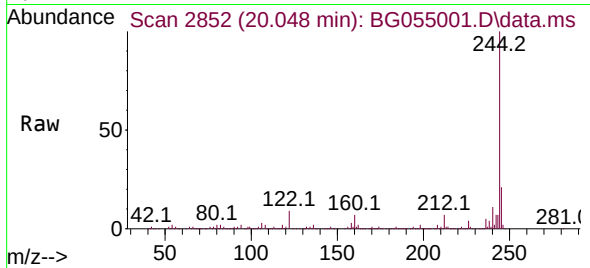




#79
 Terphenyl-d14
 Concen: 62.075 ng
 RT: 20.048 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055001.D
 Acq: 21 Sep 2022 20:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-26-COMP

Tgt Ion:244 Resp: 800658
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.025 min Scan# 3699
 Delta R.T. -0.010 min
 Lab File: BG055001.D
 Acq: 21 Sep 2022 20:04

Tgt Ion:264 Resp: 283778
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.5 16.9 25.3

