

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054784.D
 Acq On : 30 Aug 2022 10:54
 Operator : CG/JU
 Sample : PB147302BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147302BL

Quant Time: Aug 30 16:03:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	47681	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	188539	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	125687	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	298569	20.000	ng	0.00
76) Chrysene-d12	21.822	240	317445	20.000	ng	0.00
86) Perylene-d12	25.188	264	325218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	411613	150.325	ng	0.00
7) Phenol-d6	7.298	99	535935	143.120	ng	0.00
23) Nitrobenzene-d5	9.325	82	325276	90.569	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	228093	145.232	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	774649	92.636	ng	0.00
79) Terphenyl-d14	20.130	244	1458897	91.060	ng	0.00

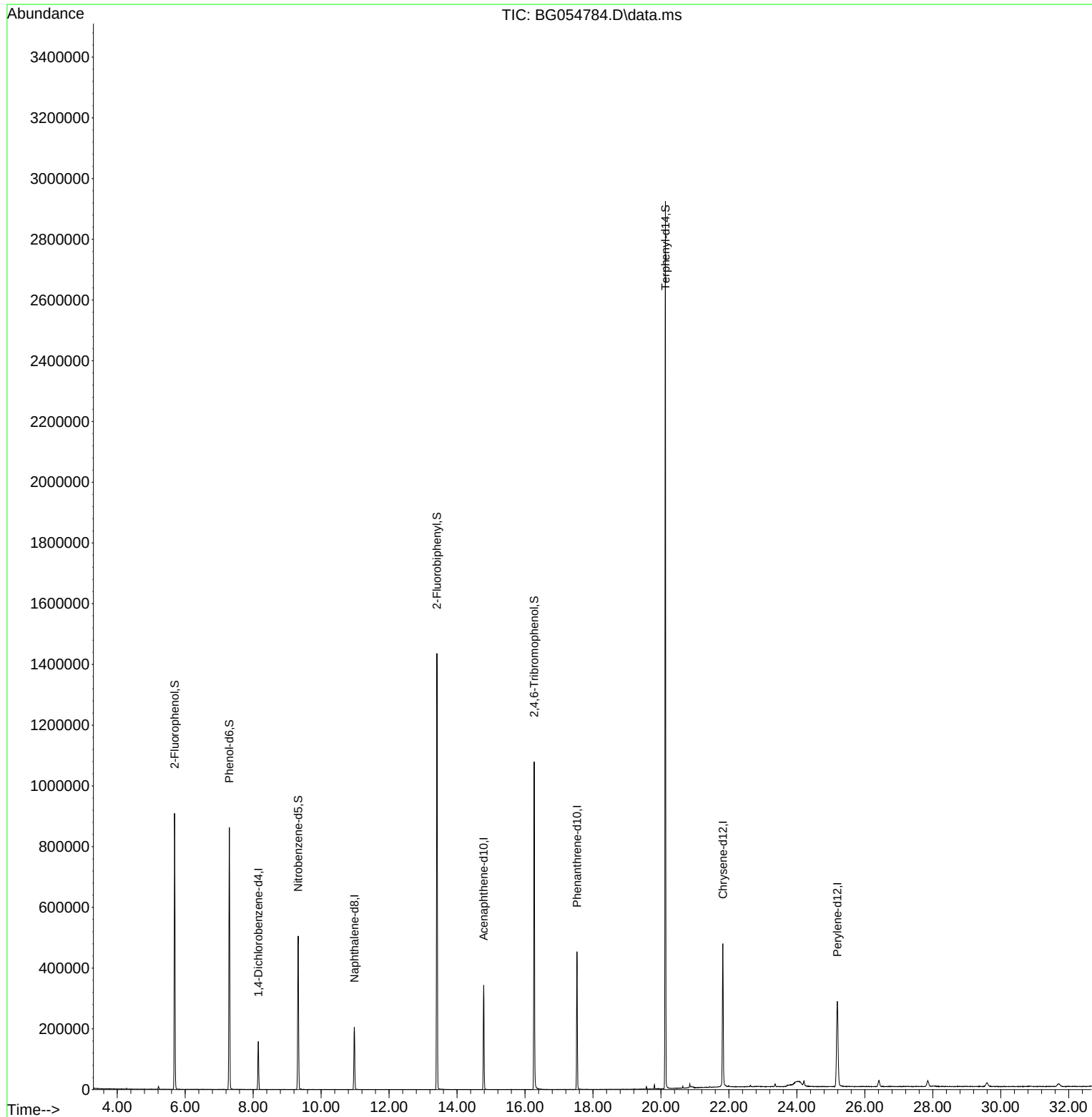
Target Compounds Qvalue

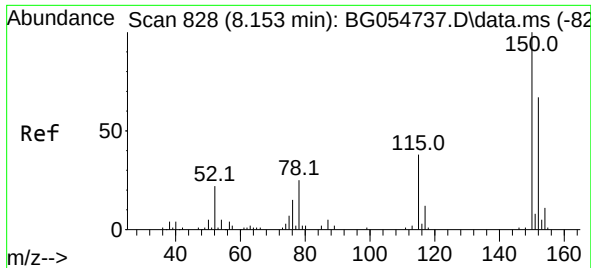
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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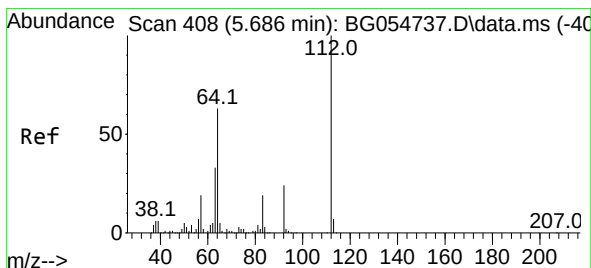
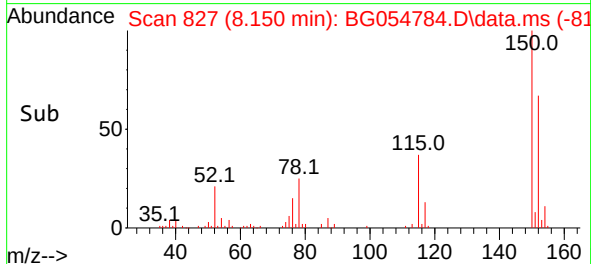
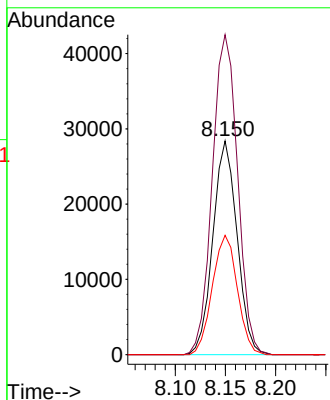
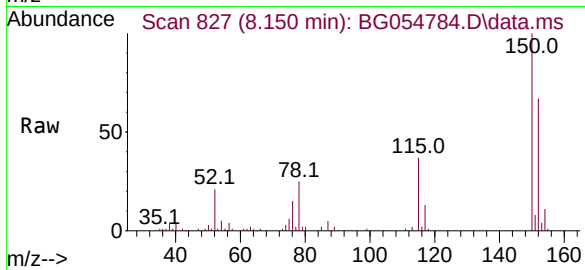




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.150 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054784.D
 Acq: 30 Aug 2022 10:54

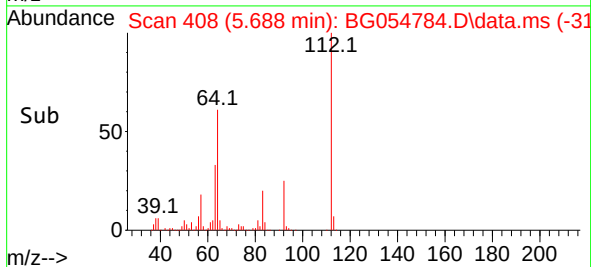
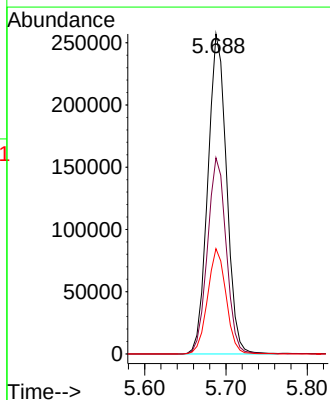
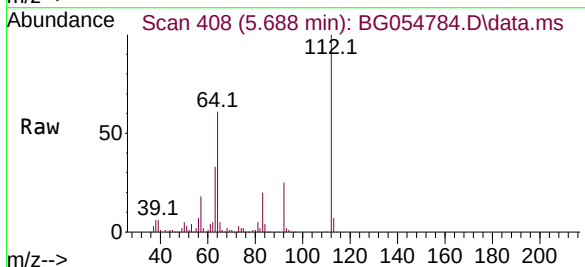
Instrument :
 BNA_G
 ClientSampleId :
 PB147302BL

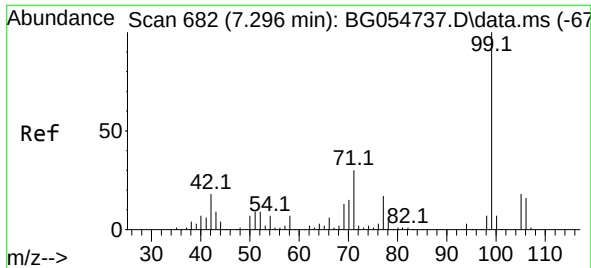
Tgt Ion:152 Resp: 47681
 Ion Ratio Lower Upper
 152 100
 150 149.8 125.2 187.8
 115 55.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 150.325 ng
 RT: 5.688 min Scan# 408
 Delta R.T. 0.002 min
 Lab File: BG054784.D
 Acq: 30 Aug 2022 10:54

Tgt Ion:112 Resp: 411613
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.3 73.9
 63 32.9 26.3 39.5

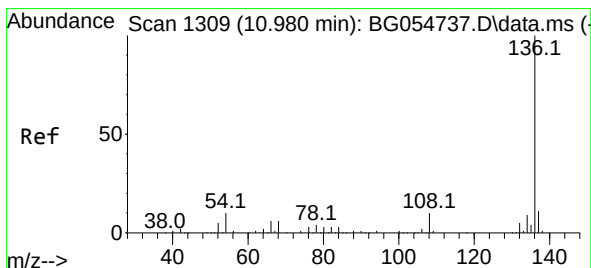
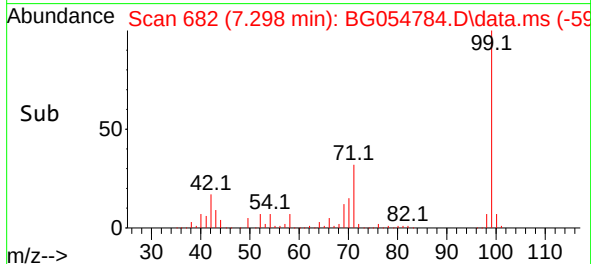
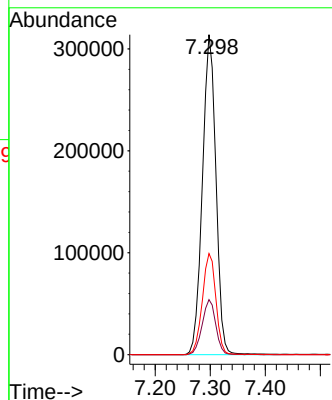
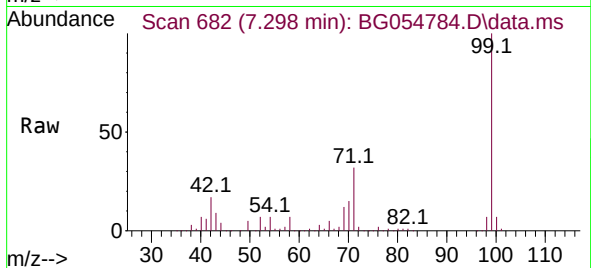




#7
Phenol-d6
Concen: 143.120 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.002 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

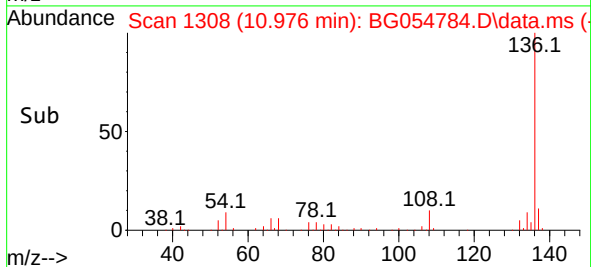
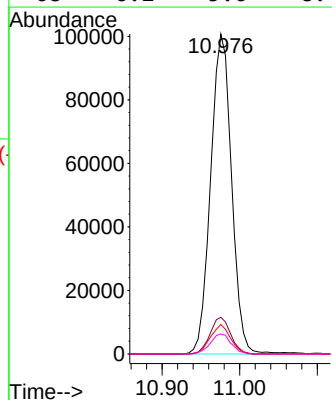
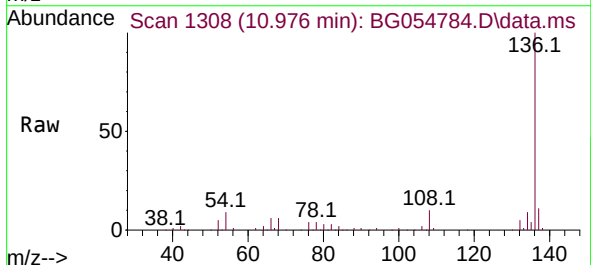
Instrument :
BNA_G
ClientSampleId :
PB147302BL

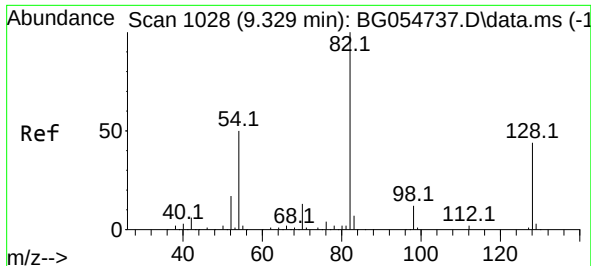
Tgt Ion: 99 Resp: 535935
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.6 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion: 136 Resp: 188539
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.2 7.7 11.5
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 90.569 ng

RT: 9.325 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054784.D

Acq: 30 Aug 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB147302BL

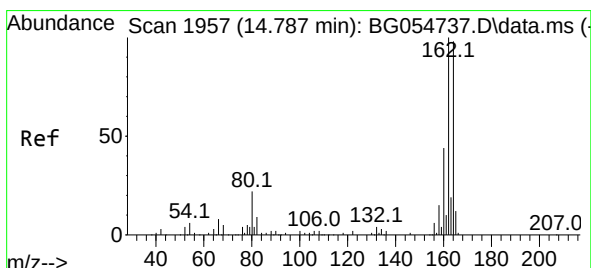
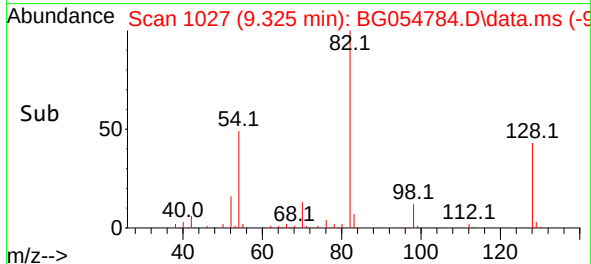
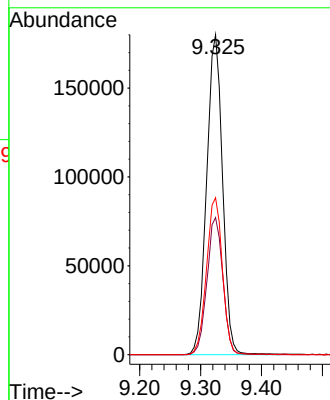
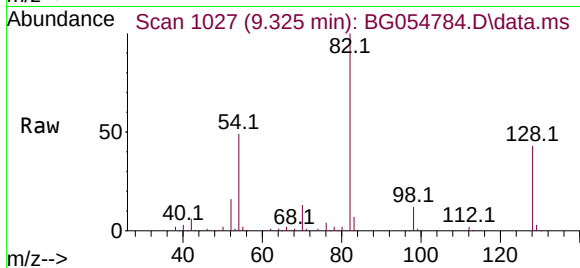
Tgt Ion: 82 Resp: 325276

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 49.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.783 min Scan# 1956

Delta R.T. -0.004 min

Lab File: BG054784.D

Acq: 30 Aug 2022 10:54

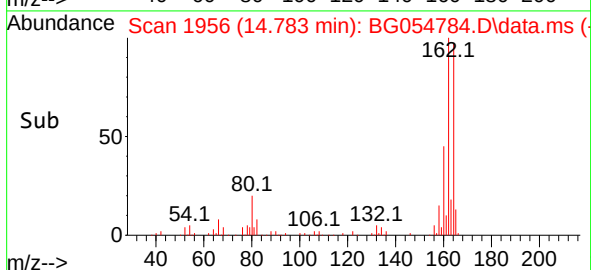
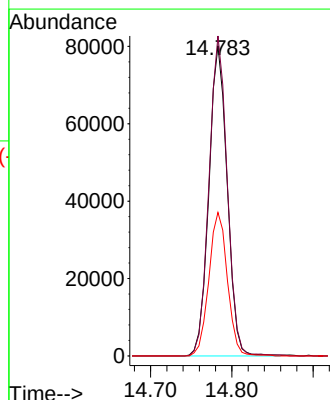
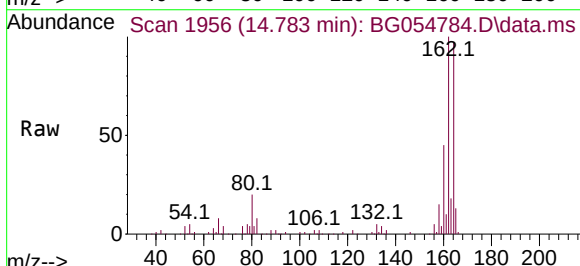
Tgt Ion:164 Resp: 125687

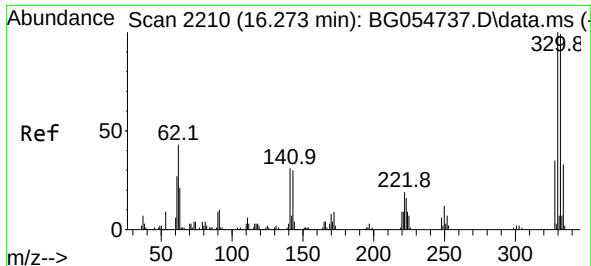
Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

160 46.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 145.232 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054784.D

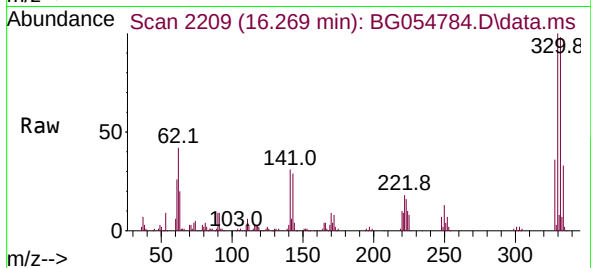
Acq: 30 Aug 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB147302BL



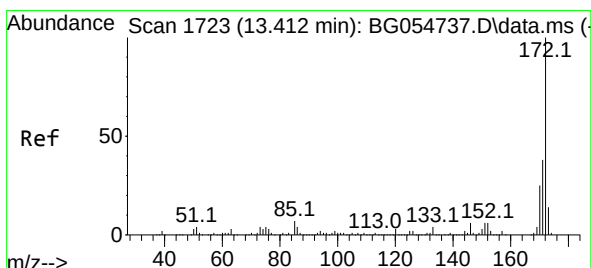
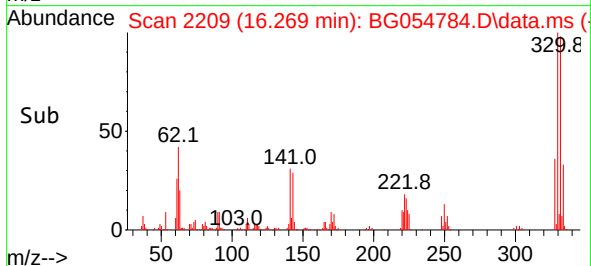
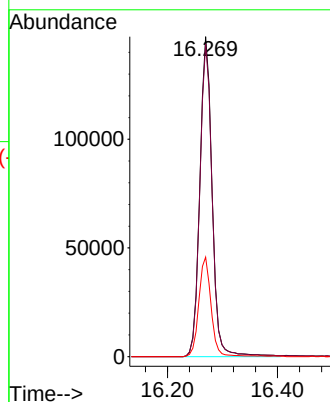
Tgt Ion:330 Resp: 228093

Ion Ratio Lower Upper

330 100

332 97.6 79.8 119.6

141 31.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 92.636 ng

RT: 13.408 min Scan# 1722

Delta R.T. -0.004 min

Lab File: BG054784.D

Acq: 30 Aug 2022 10:54

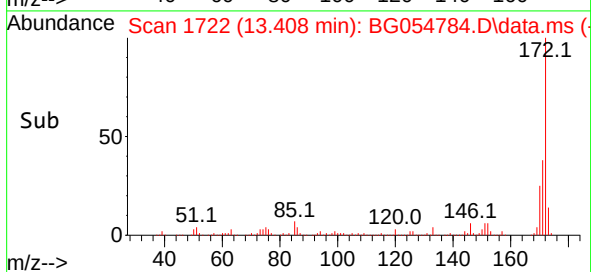
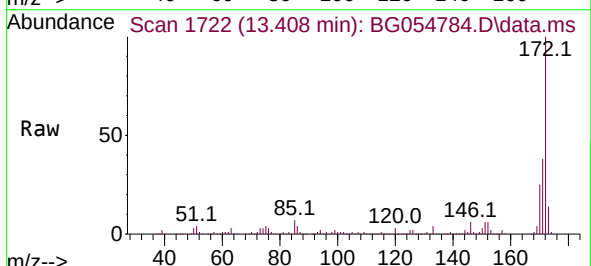
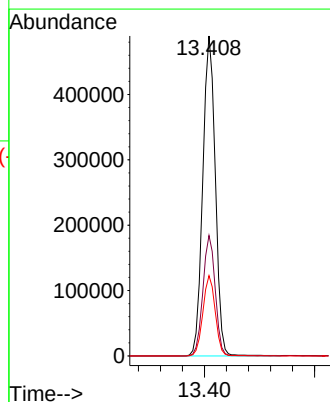
Tgt Ion:172 Resp: 774649

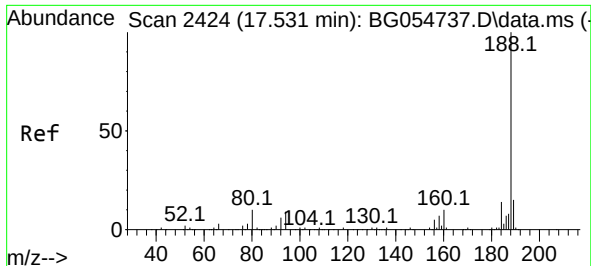
Ion Ratio Lower Upper

172 100

171 37.6 31.2 46.8

170 25.1 20.6 30.8

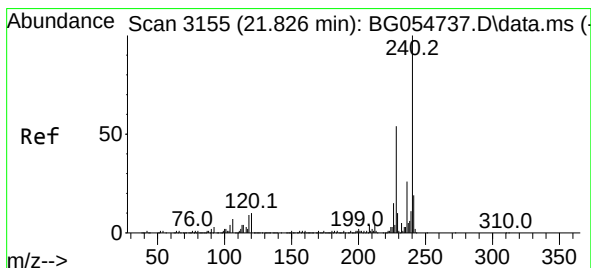
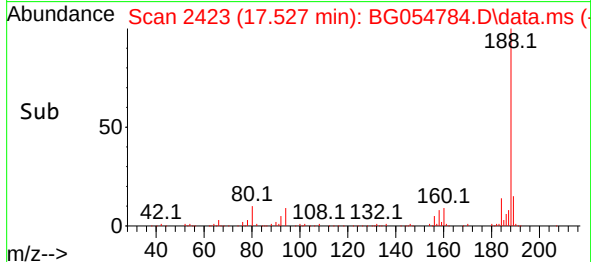
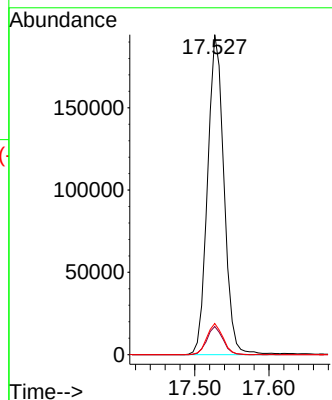
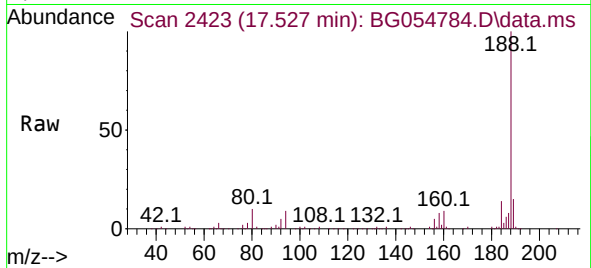




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

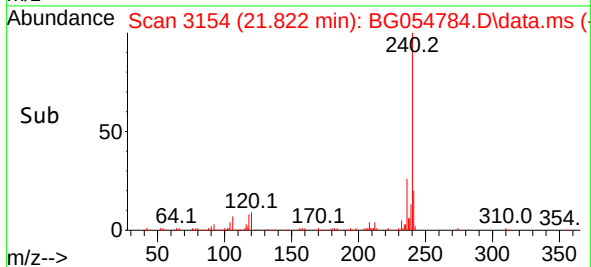
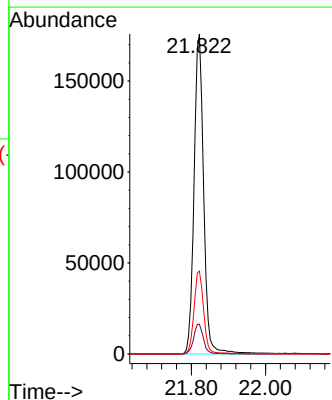
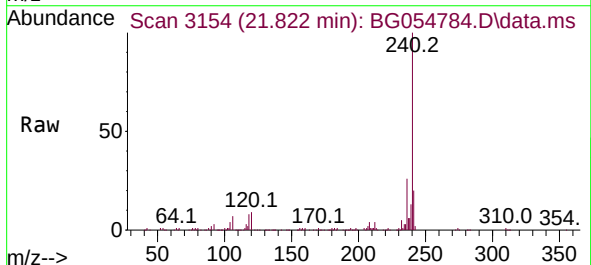
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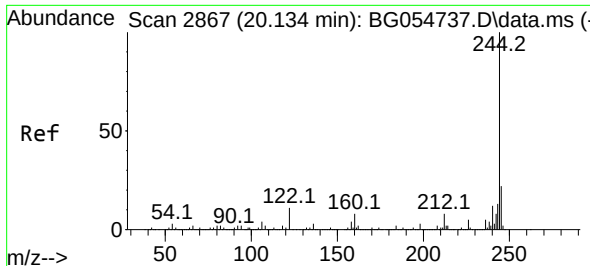
Tgt Ion:188 Resp: 298569
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054784.D
Acq: 30 Aug 2022 10:54

Tgt Ion:240 Resp: 317445
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.9 21.2 31.8

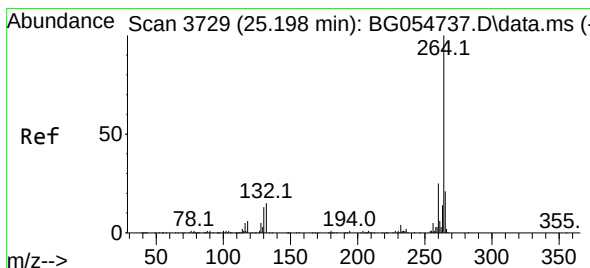
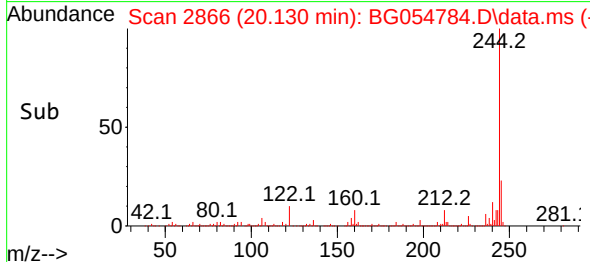
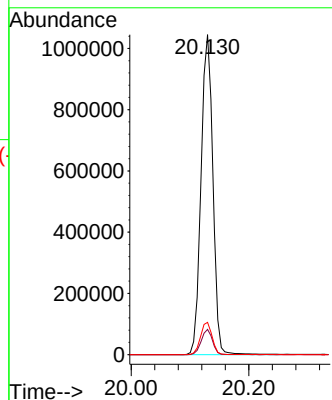
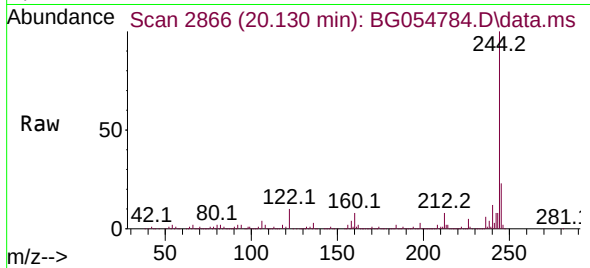




#79
 Terphenyl-d14
 Concen: 91.060 ng
 RT: 20.130 min Scan# 2867
 Delta R.T. -0.004 min
 Lab File: BG054784.D
 Acq: 30 Aug 2022 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB147302BL

Tgt Ion:244 Resp: 1458897
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.188 min Scan# 3727
 Delta R.T. -0.010 min
 Lab File: BG054784.D
 Acq: 30 Aug 2022 10:54

Tgt Ion:264 Resp: 325218
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.6 16.9 25.3

