

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054924.D
 Acq On : 13 Sep 2022 16:06
 Operator : CG/JU
 Sample : PB147583BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147583BL

Quant Time: Sep 14 03:19:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	43887	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	168891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	113898	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	270564	20.000	ng	0.00
76) Chrysene-d12	21.819	240	262382	20.000	ng	0.00
86) Perylene-d12	25.191	264	274667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	356400	141.413	ng	0.00
7) Phenol-d6	7.295	99	455499	132.156	ng	0.00
23) Nitrobenzene-d5	9.316	82	268529	83.467	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	217035	152.495	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	685058	90.401	ng	0.00
79) Terphenyl-d14	20.121	244	1242927	93.860	ng	0.00

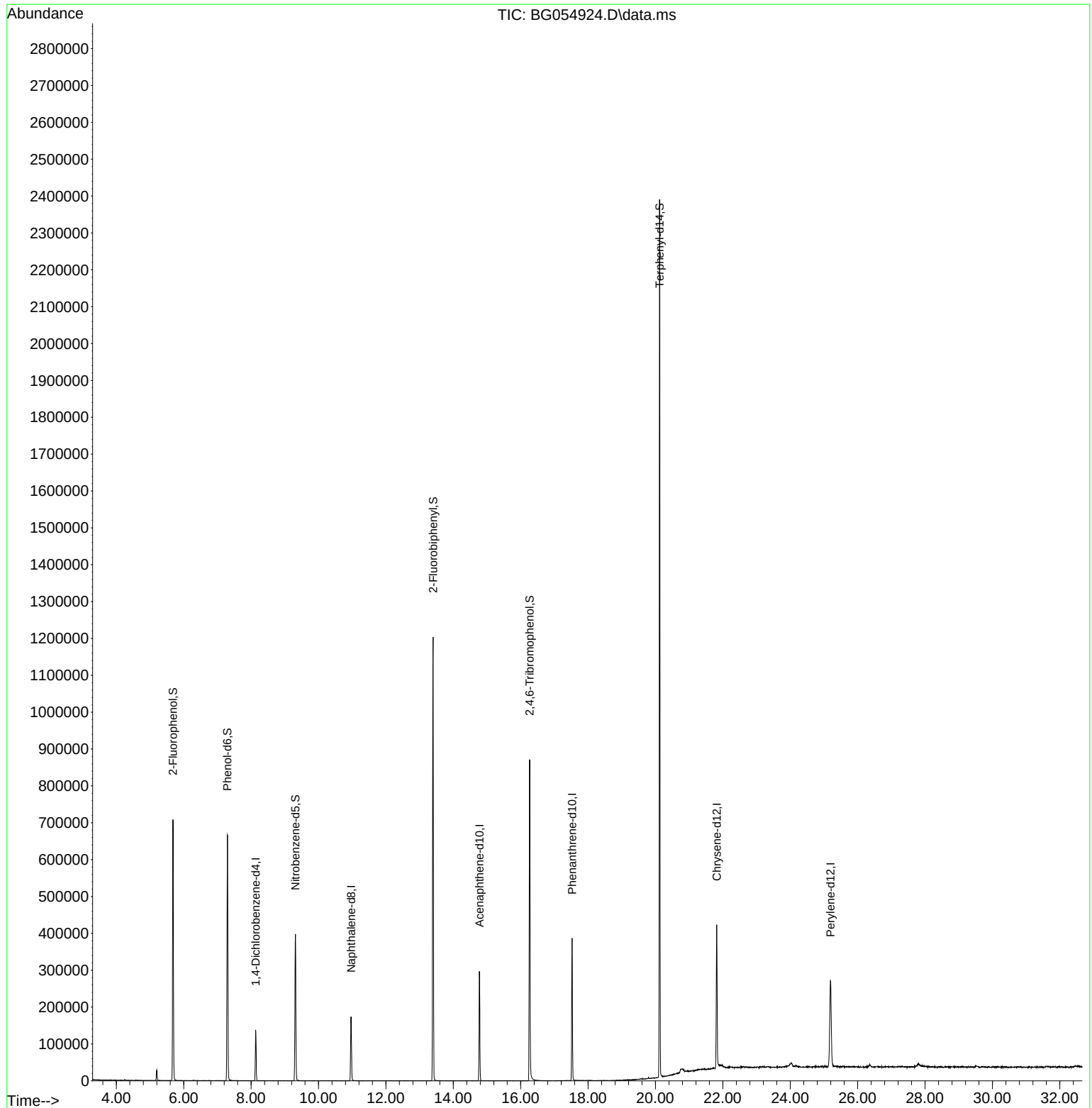
Target Compounds Qvalue

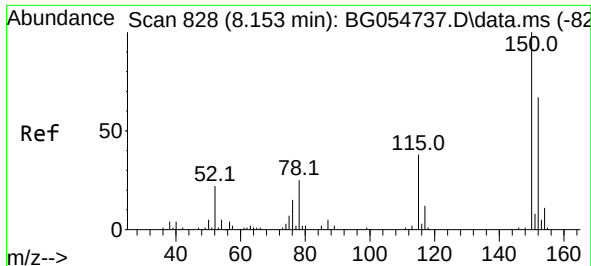
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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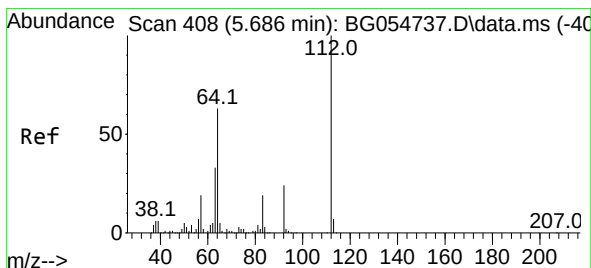
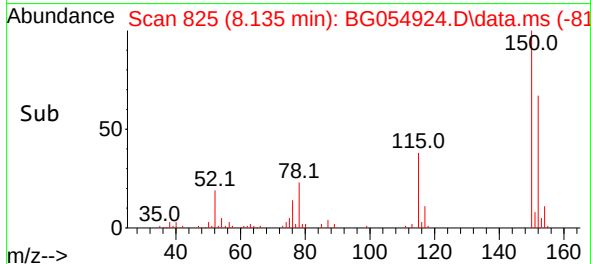
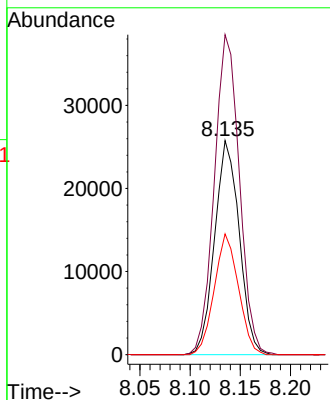
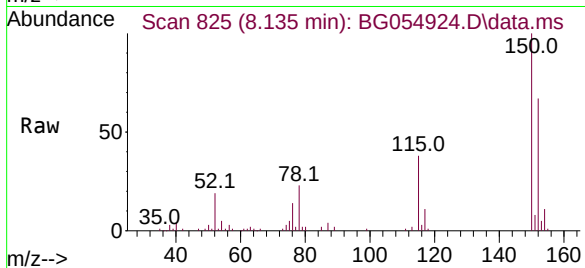




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

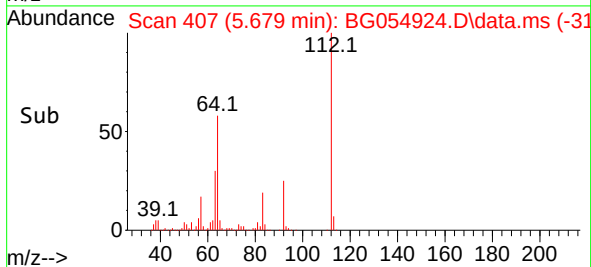
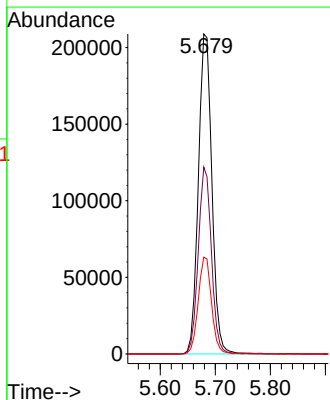
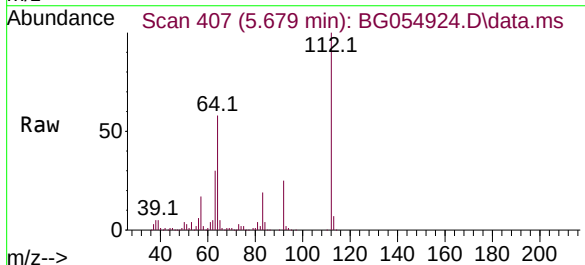
Instrument :
BNA_G
ClientSampleId :
PB147583BL

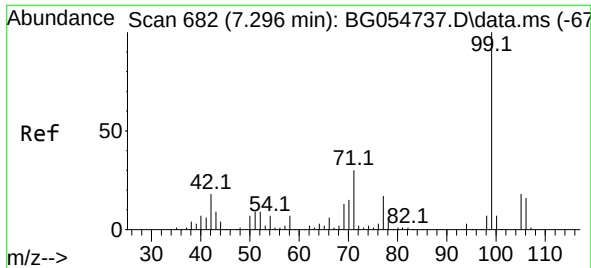
Tgt Ion:152 Resp: 43887
Ion Ratio Lower Upper
152 100
150 149.5 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 141.413 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:112 Resp: 356400
Ion Ratio Lower Upper
112 100
64 58.4 49.3 73.9
63 30.2 26.3 39.5

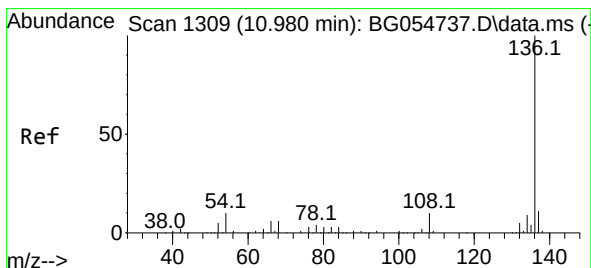
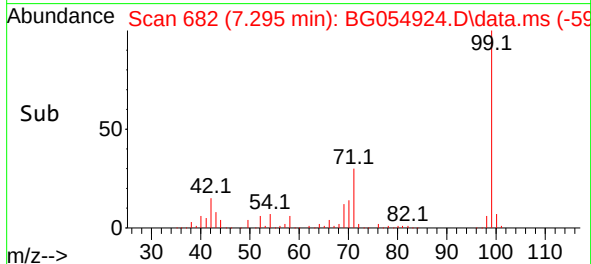
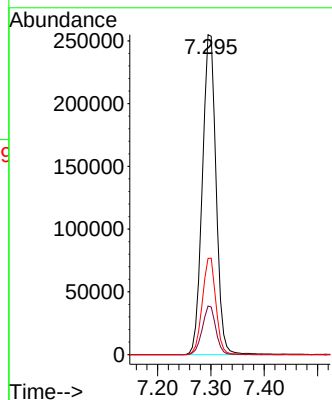
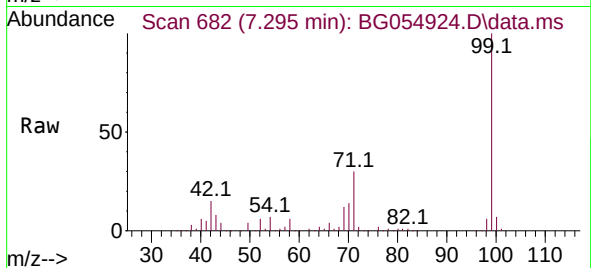




#7
Phenol-d6
Concen: 132.156 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

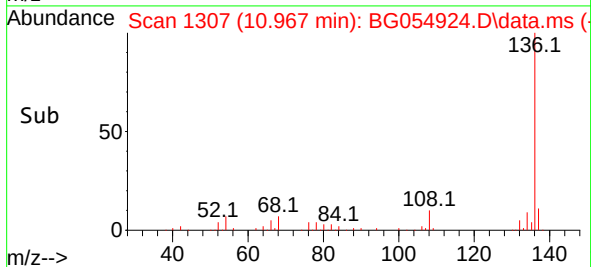
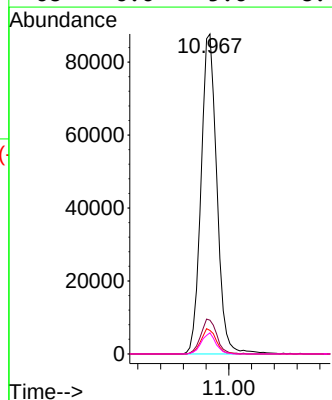
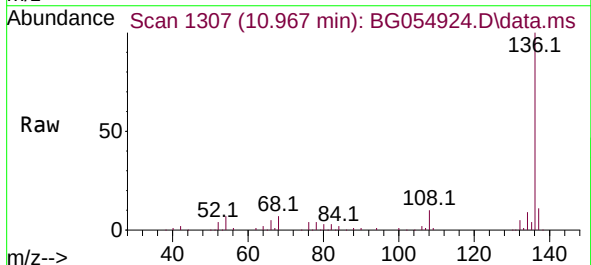
Instrument :
BNA_G
ClientSampleId :
PB147583BL

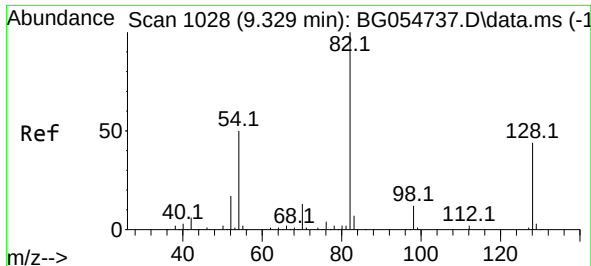
Tgt Ion: 99 Resp: 455499
Ion Ratio Lower Upper
99 100
42 15.2 14.6 22.0
71 30.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 136 Resp: 168891
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.3 7.7 11.5#
68 6.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 83.467 ng

RT: 9.316 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG054924.D

Acq: 13 Sep 2022 16:06

Instrument :

BNA_G

ClientSampleId :

PB147583BL

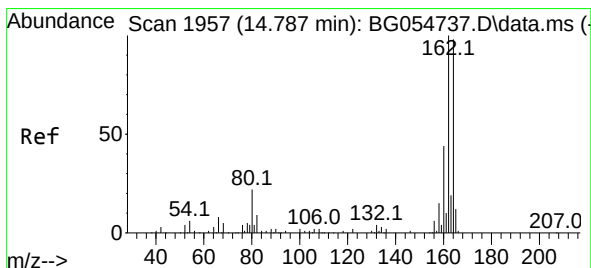
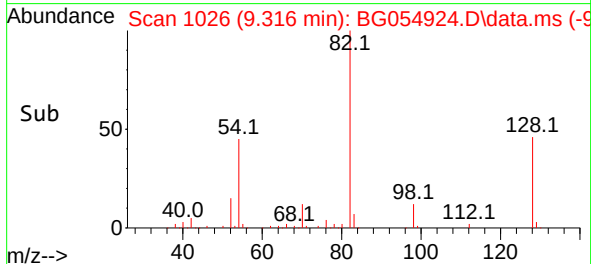
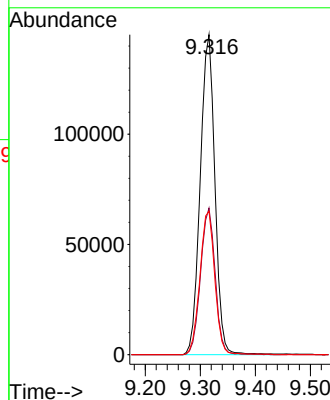
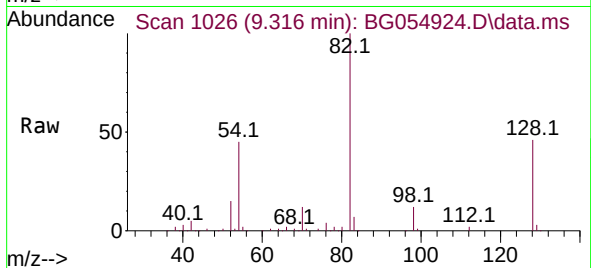
Tgt Ion: 82 Resp: 268529

Ion Ratio Lower Upper

82 100

128 45.8 32.2 48.2

54 44.8 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BG054924.D

Acq: 13 Sep 2022 16:06

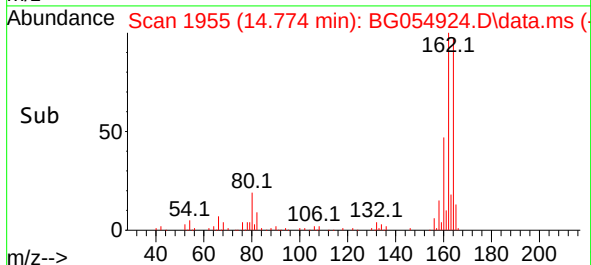
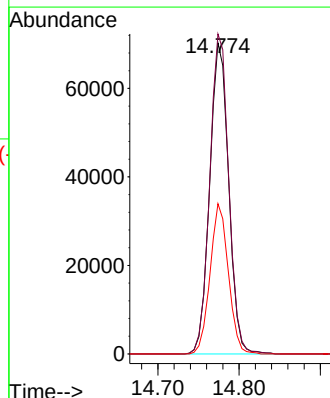
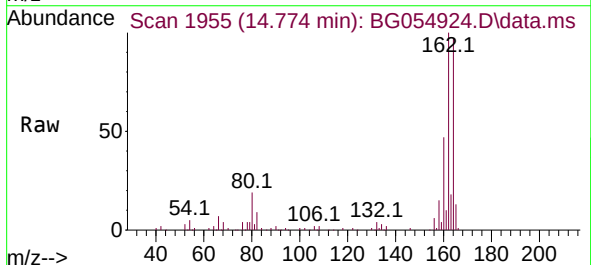
Tgt Ion:164 Resp: 113898

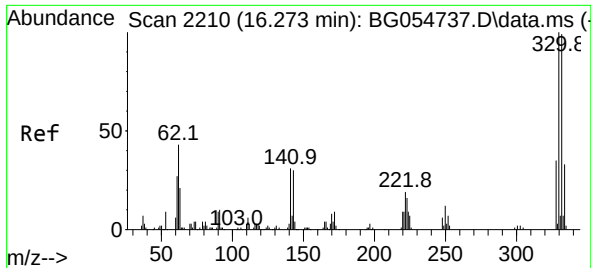
Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

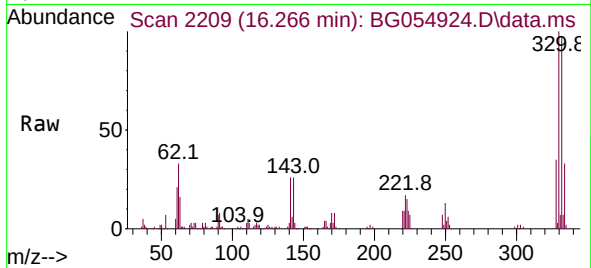
160 48.3 38.0 57.0



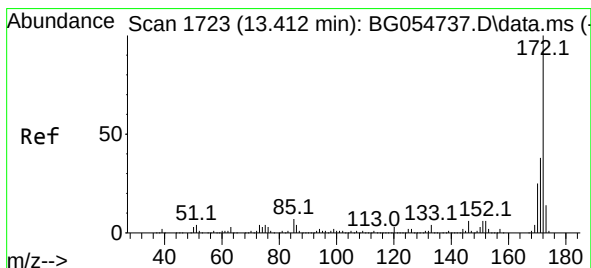
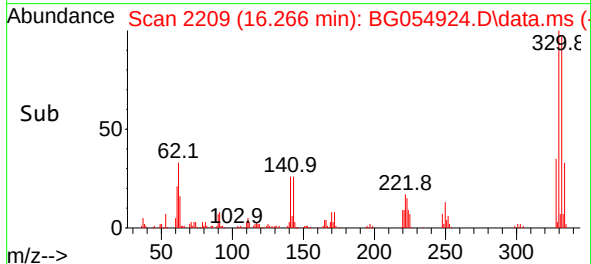
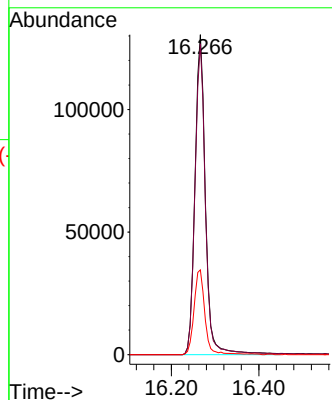


#42
2,4,6-Tribromophenol
Concen: 152.495 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Instrument :
BNA_G
ClientSampleId :
PB147583BL

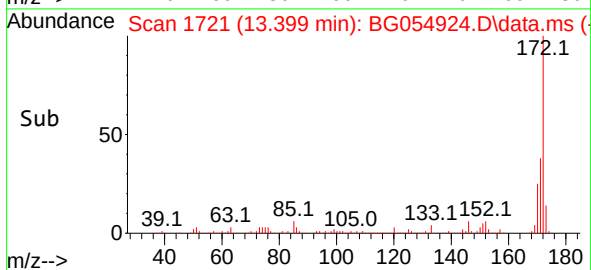
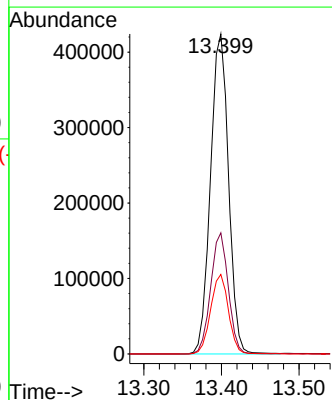
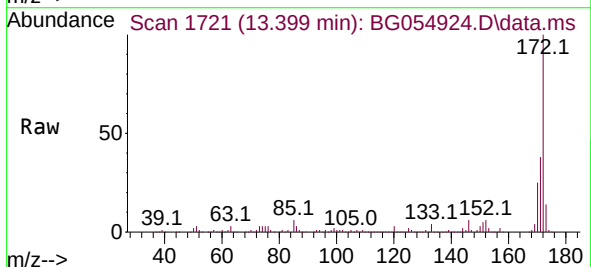


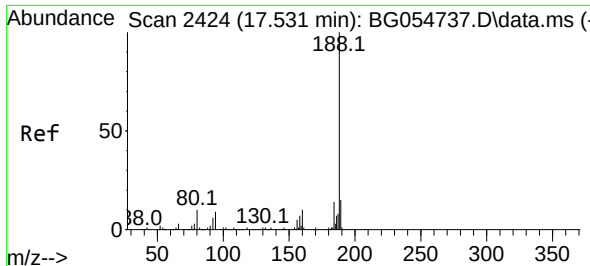
Tgt Ion:330 Resp: 217035
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 27.4 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 90.401 ng
RT: 13.399 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:172 Resp: 685058
Ion Ratio Lower Upper
172 100
171 37.8 31.2 46.8
170 24.8 20.6 30.8

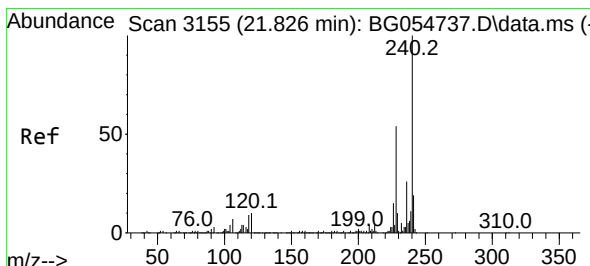
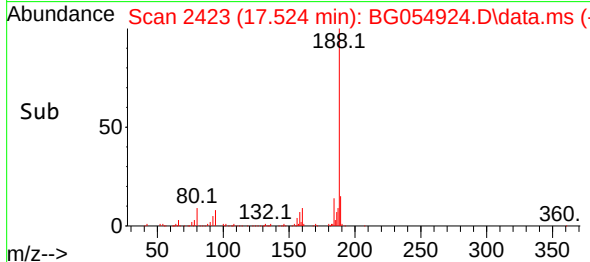
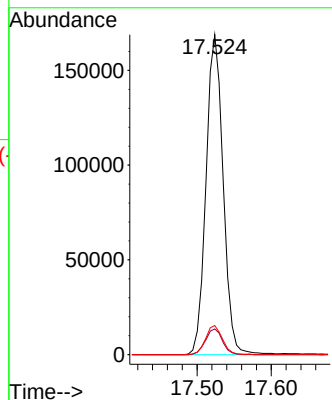
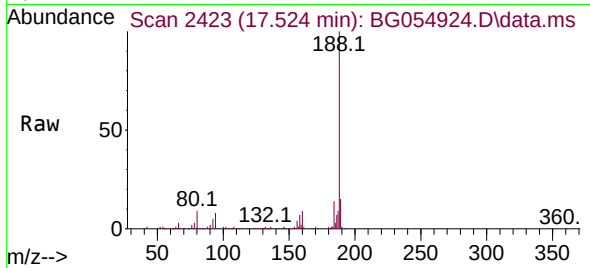




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

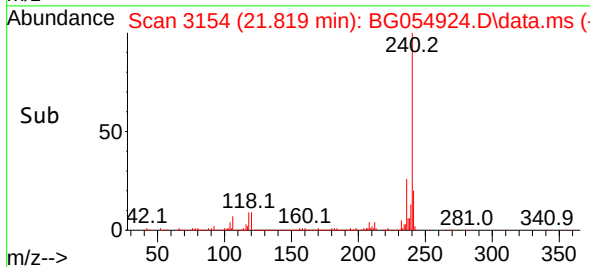
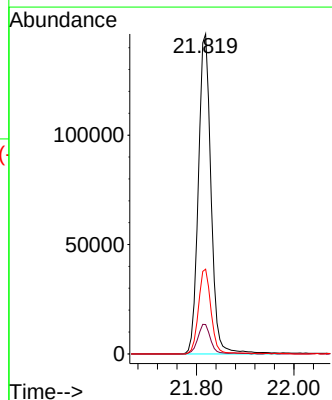
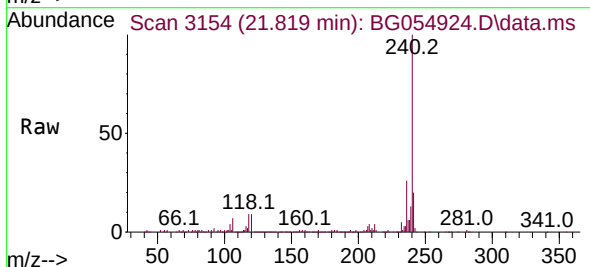
Instrument :
BNA_G
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PB147583BL

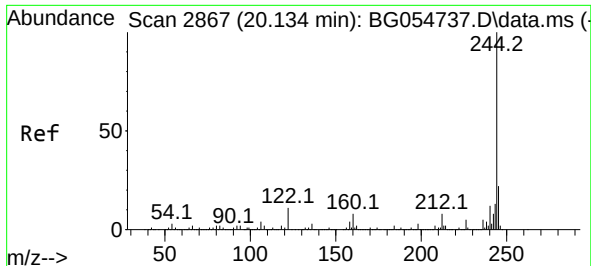
Tgt Ion:188 Resp: 270564
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:240 Resp: 262382
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.5 21.2 31.8

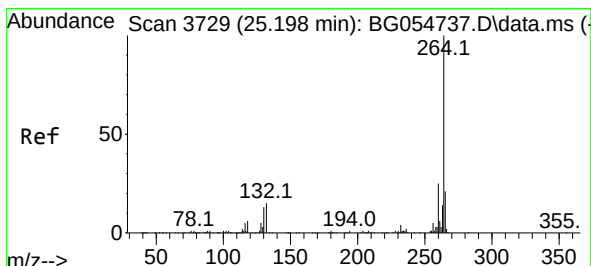
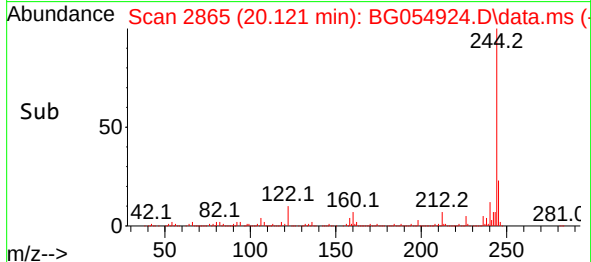
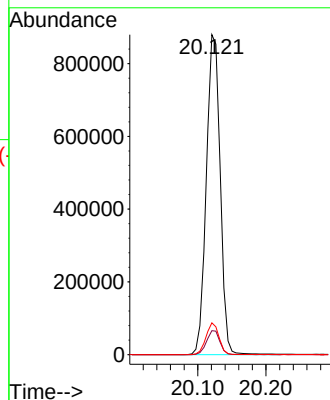
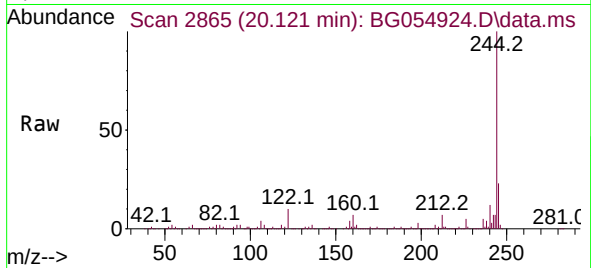




#79
 Terphenyl-d14
 Concen: 93.860 ng
 RT: 20.121 min Scan# 2865
 Delta R.T. -0.005 min
 Lab File: BG054924.D
 Acq: 13 Sep 2022 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB147583BL

Tgt Ion:244 Resp: 1242927
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3728
 Delta R.T. -0.011 min
 Lab File: BG054924.D
 Acq: 13 Sep 2022 16:06

Tgt Ion:264 Resp: 274667
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.6 16.9 25.3

