

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058908.D
 Acq On : 30 Aug 2023 23:31
 Operator : MA/JU
 Sample : 04197-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Quant Time: Aug 31 01:42:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.756	152	13844	20.000	ng	0.00
21) Naphthalene-d8	10.553	136	58425	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	47931	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	121748	20.000	ng	0.00
76) Chrysene-d12	21.393	240	103917	20.000	ng	-0.01
86) Perylene-d12	24.431	264	122045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.330	112	136467	158.632	ng	0.00
7) Phenol-d6	6.934	99	178753	148.100	ng	0.00
23) Nitrobenzene-d5	8.925	82	128836	106.018	ng	0.00
42) 2,4,6-Tribromophenol	15.906	330	125805	167.394	ng	0.00
45) 2-Fluorobiphenyl	13.032	172	334663	101.553	ng	0.00
79) Terphenyl-d14	19.783	244	693653	119.857	ng	0.00

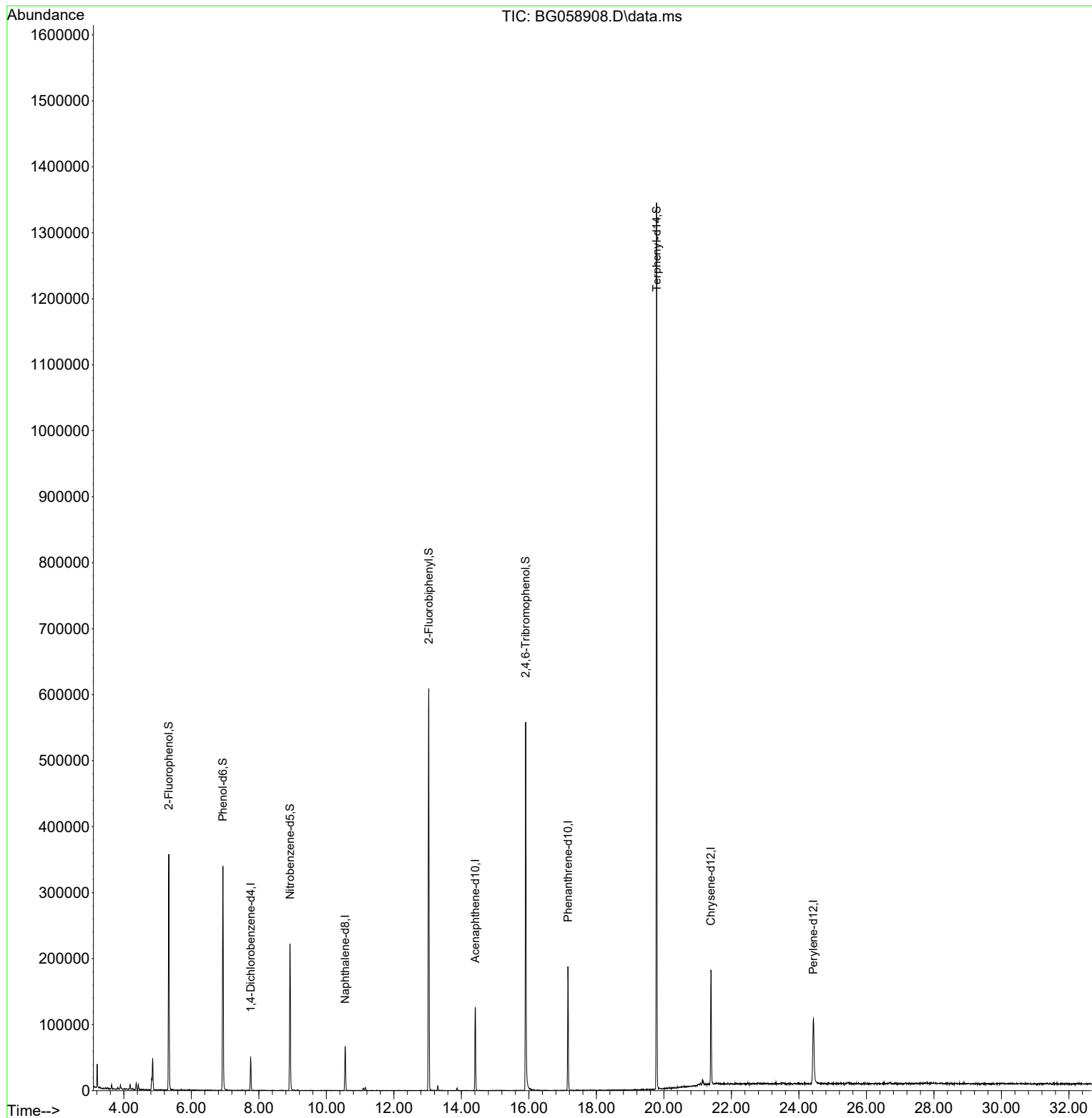
Target Compounds	Qvalue

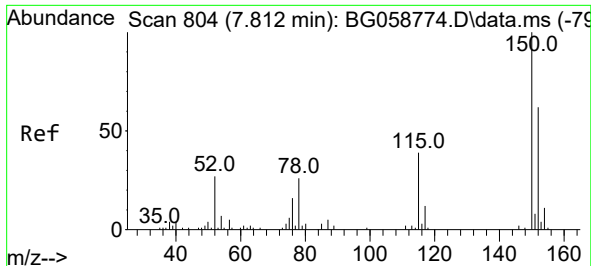
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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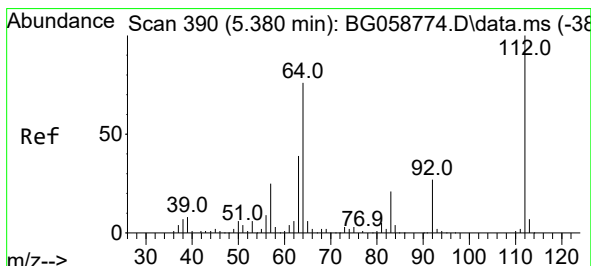
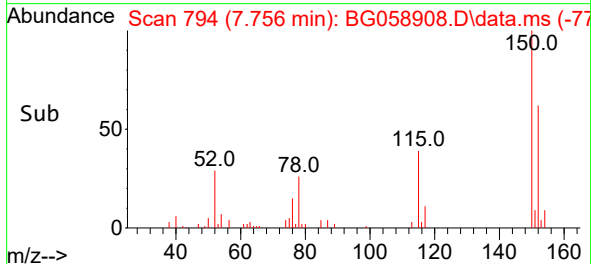
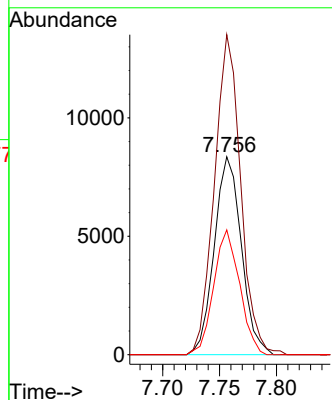
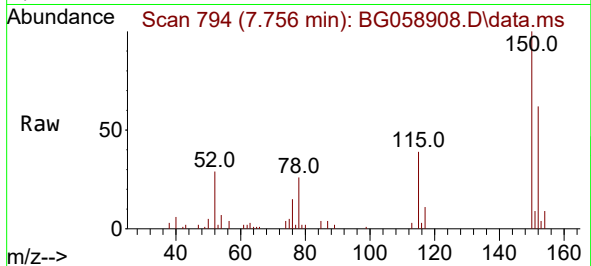




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

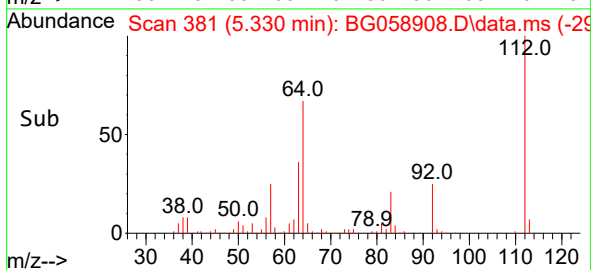
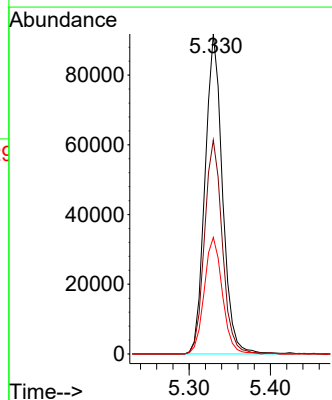
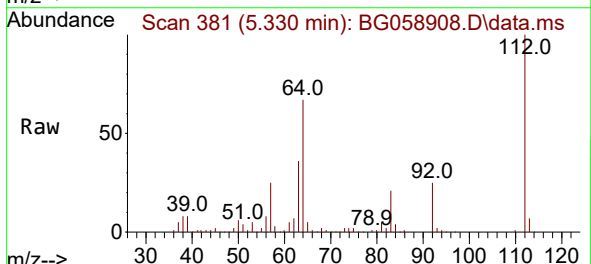
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-22

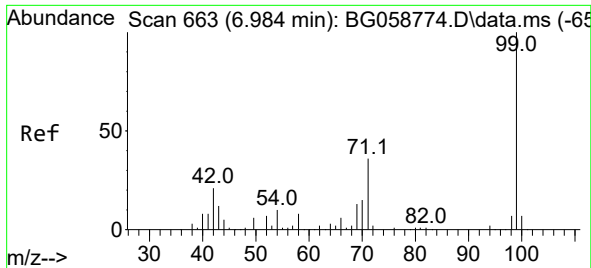
Tgt Ion:152 Resp: 13844
Ion Ratio Lower Upper
152 100
150 161.7 128.6 192.8
115 63.1 50.4 75.6



#5
2-Fluorophenol
Concen: 158.632 ng
RT: 5.330 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

Tgt Ion:112 Resp: 136467
Ion Ratio Lower Upper
112 100
64 66.8 60.6 90.8
63 36.4 31.0 46.4

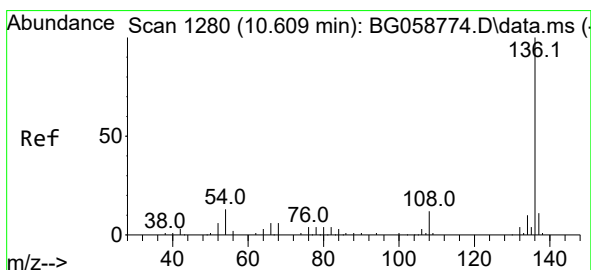
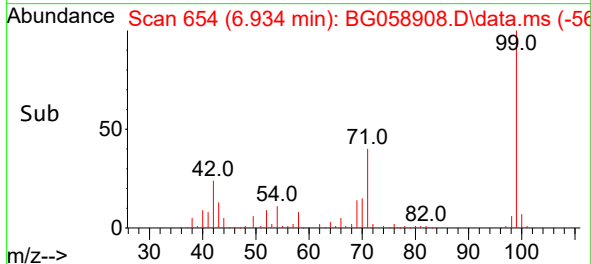
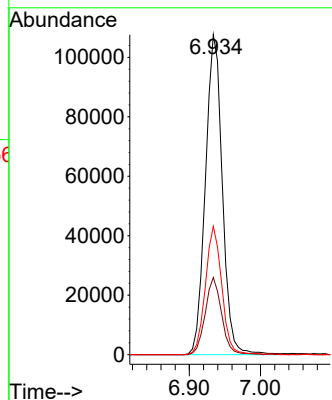
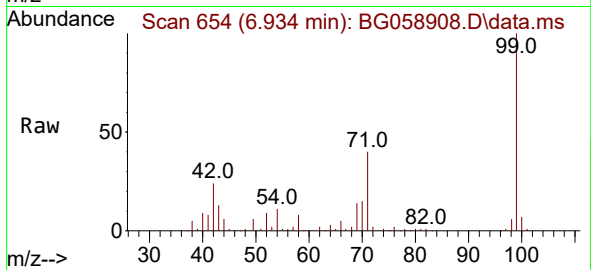




#7
Phenol-d6
Concen: 148.100 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

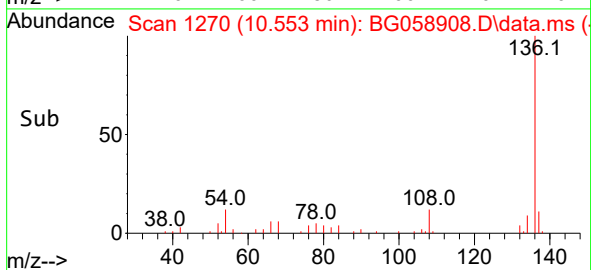
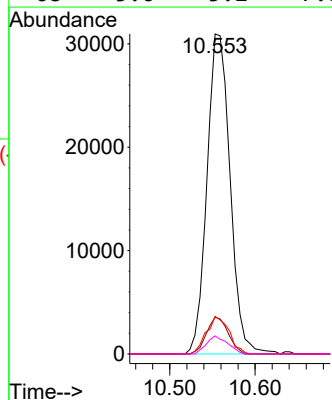
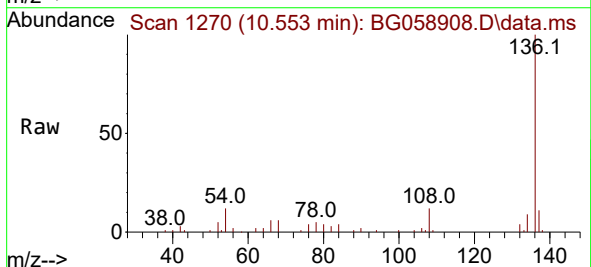
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-22

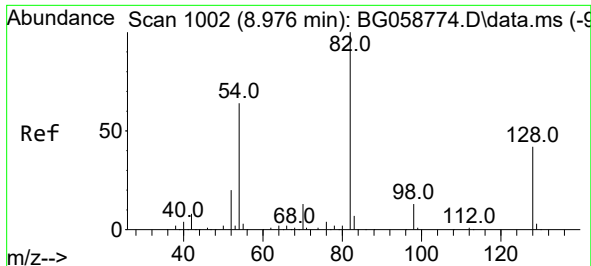
Tgt Ion: 99 Resp: 178753
Ion Ratio Lower Upper
99 100
42 24.1 16.5 24.7
71 40.1 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.553 min Scan# 1270
Delta R.T. -0.008 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

Tgt Ion: 136 Resp: 58425
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.7 10.1 15.1
68 5.6 5.2 7.8

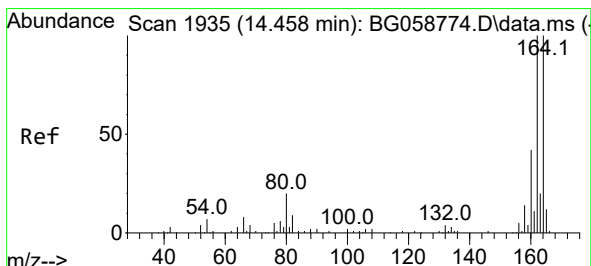
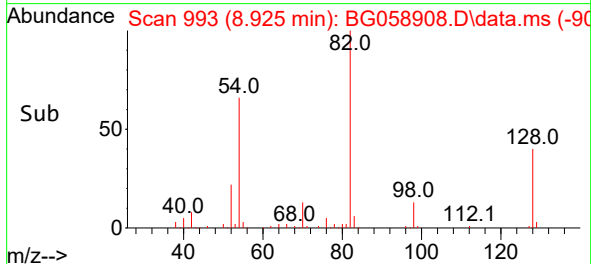
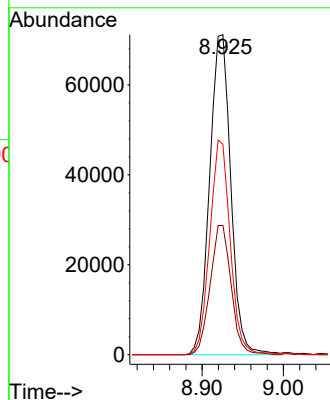
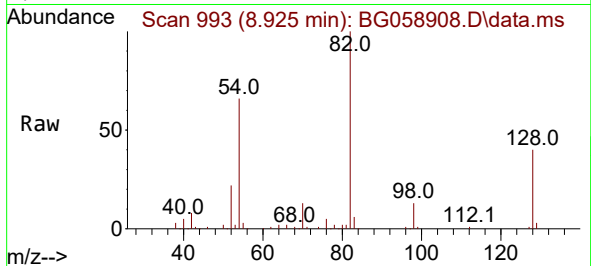




#23
Nitrobenzene-d5
Concen: 106.018 ng
RT: 8.925 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

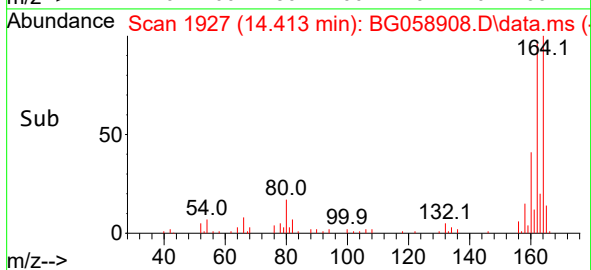
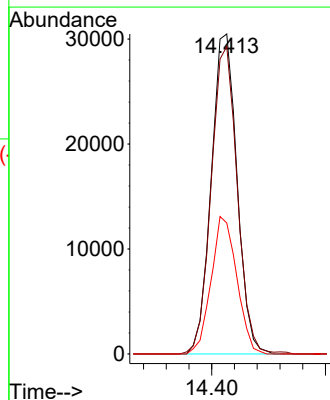
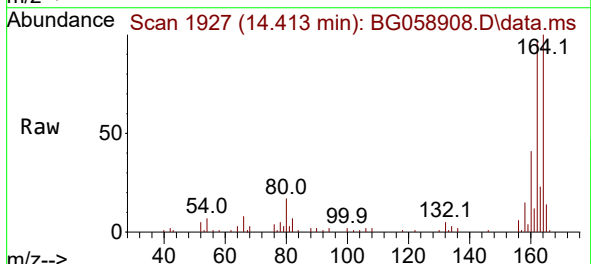
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-22

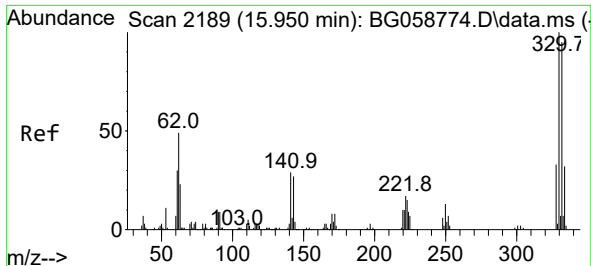
Tgt Ion: 82 Resp: 128836
Ion Ratio Lower Upper
82 100
128 40.4 33.2 49.8
54 65.7 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG058908.D
Acq: 30 Aug 2023 23:31

Tgt Ion:164 Resp: 47931
Ion Ratio Lower Upper
164 100
162 96.1 79.6 119.4
160 41.0 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 167.394 ng

RT: 15.906 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG058908.D

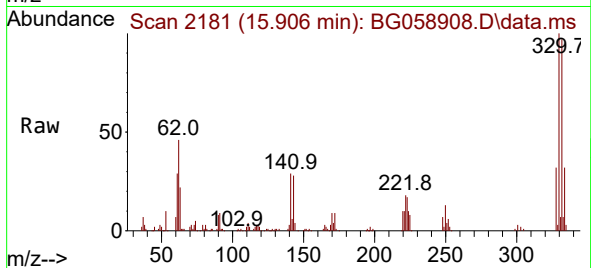
Acq: 30 Aug 2023 23:31

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-22



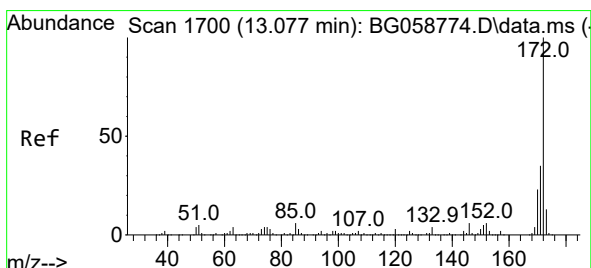
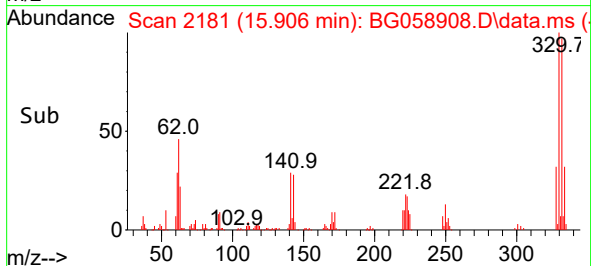
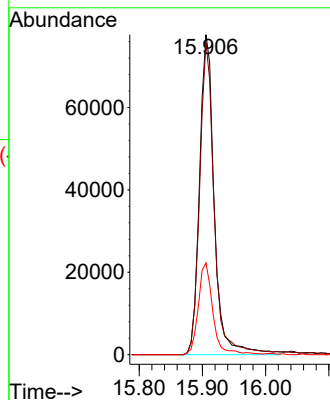
Tgt Ion:330 Resp: 125805

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 28.3 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 101.553 ng

RT: 13.032 min Scan# 1692

Delta R.T. -0.003 min

Lab File: BG058908.D

Acq: 30 Aug 2023 23:31

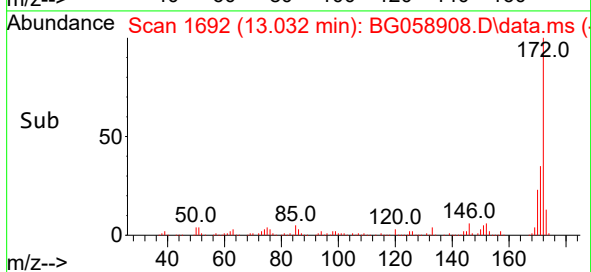
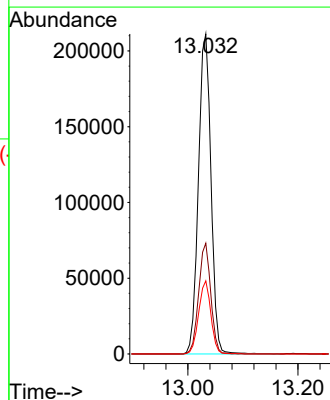
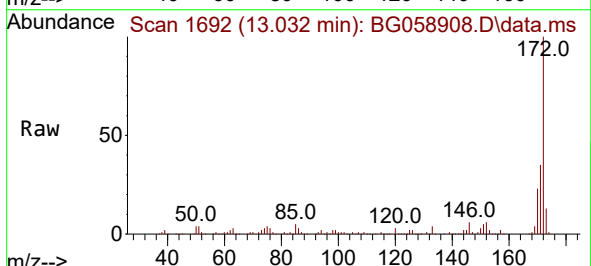
Tgt Ion:172 Resp: 334663

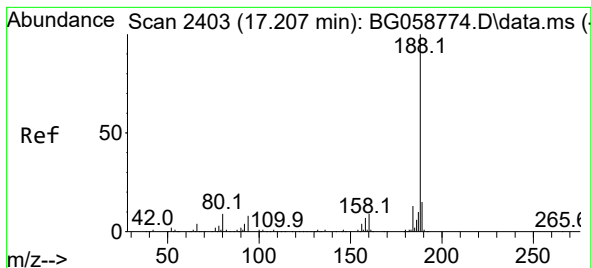
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG058908.D

Acq: 30 Aug 2023 23:31

Instrument :

BNA_G

ClientSampleId :

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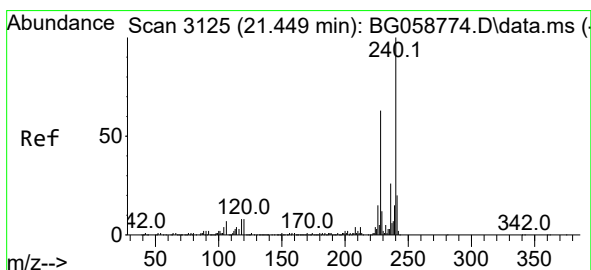
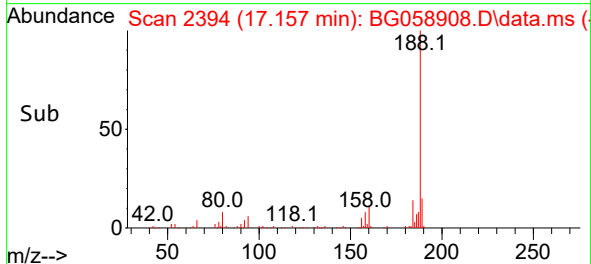
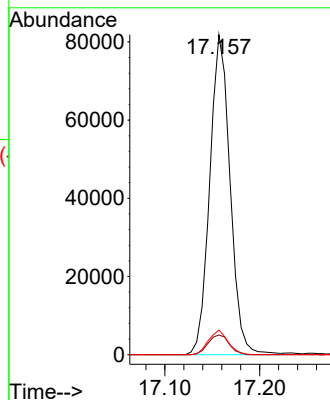
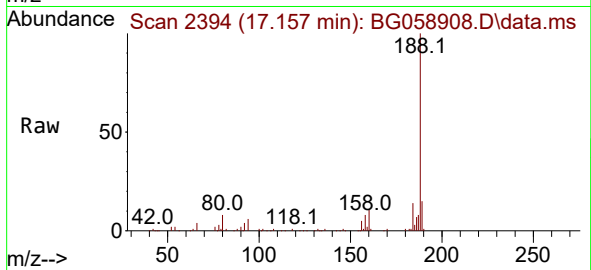
Tgt Ion:188 Resp: 121748

Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

80 7.7 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.393 min Scan# 3115

Delta R.T. -0.014 min

Lab File: BG058908.D

Acq: 30 Aug 2023 23:31

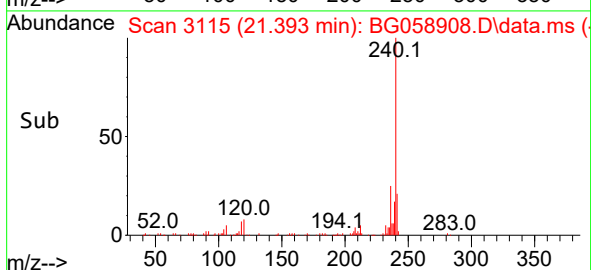
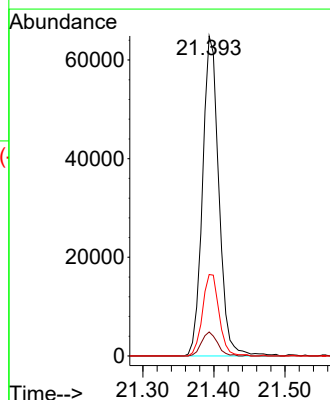
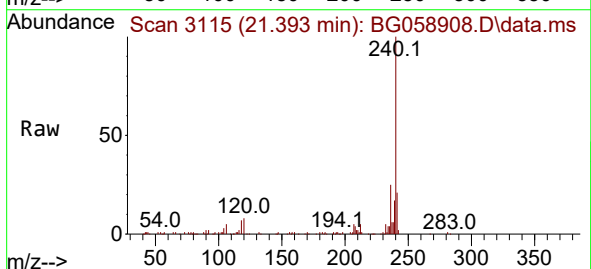
Tgt Ion:240 Resp: 103917

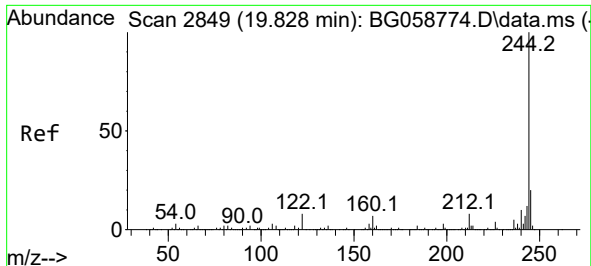
Ion Ratio Lower Upper

240 100

120 7.5 6.2 9.2

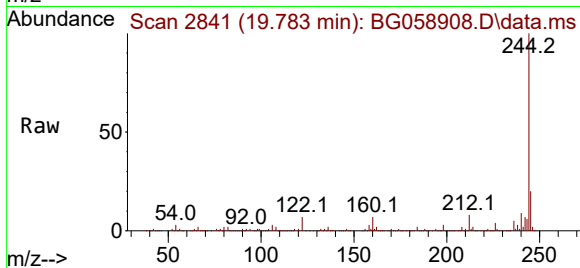
236 25.4 20.5 30.7



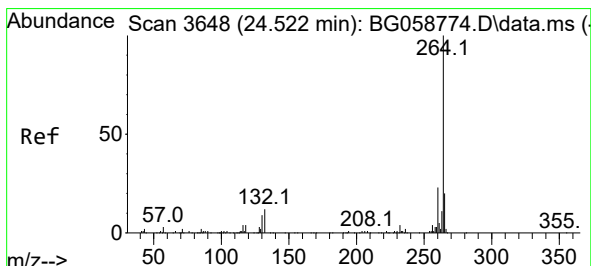
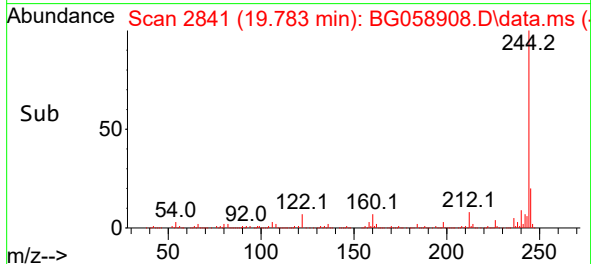
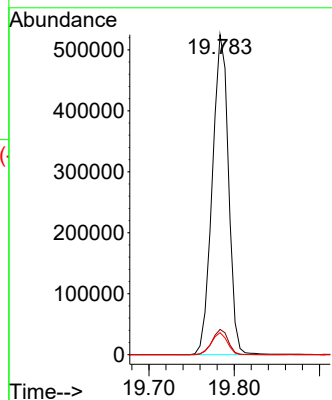


#79
 Terphenyl-d14
 Concen: 119.857 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument :
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 ClientSampleId :
 OR-309-OK-370-COMP-22



Tgt Ion:244 Resp: 693653
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 6.9 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.431 min Scan# 3632
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:264 Resp: 122045
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.2 27.2
 265 19.8 16.4 24.6

