

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058554.D
 Acq On : 1 Aug 2023 9:06
 Operator : MA/JU
 Sample : PB154495BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154495BL

Quant Time: Aug 01 09:40:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	48107	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	202505	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	138011	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	350717	20.000	ng	0.00
76) Chrysene-d12	21.446	240	348569	20.000	ng	0.00
86) Perylene-d12	24.519	264	430810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	467909	148.664	ng	0.00
7) Phenol-d6	6.986	99	626178	142.976	ng	0.00
23) Nitrobenzene-d5	8.978	82	368785	89.463	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	277996	122.893	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	831870	90.329	ng	0.00
79) Terphenyl-d14	19.830	244	1691708	91.268	ng	0.00

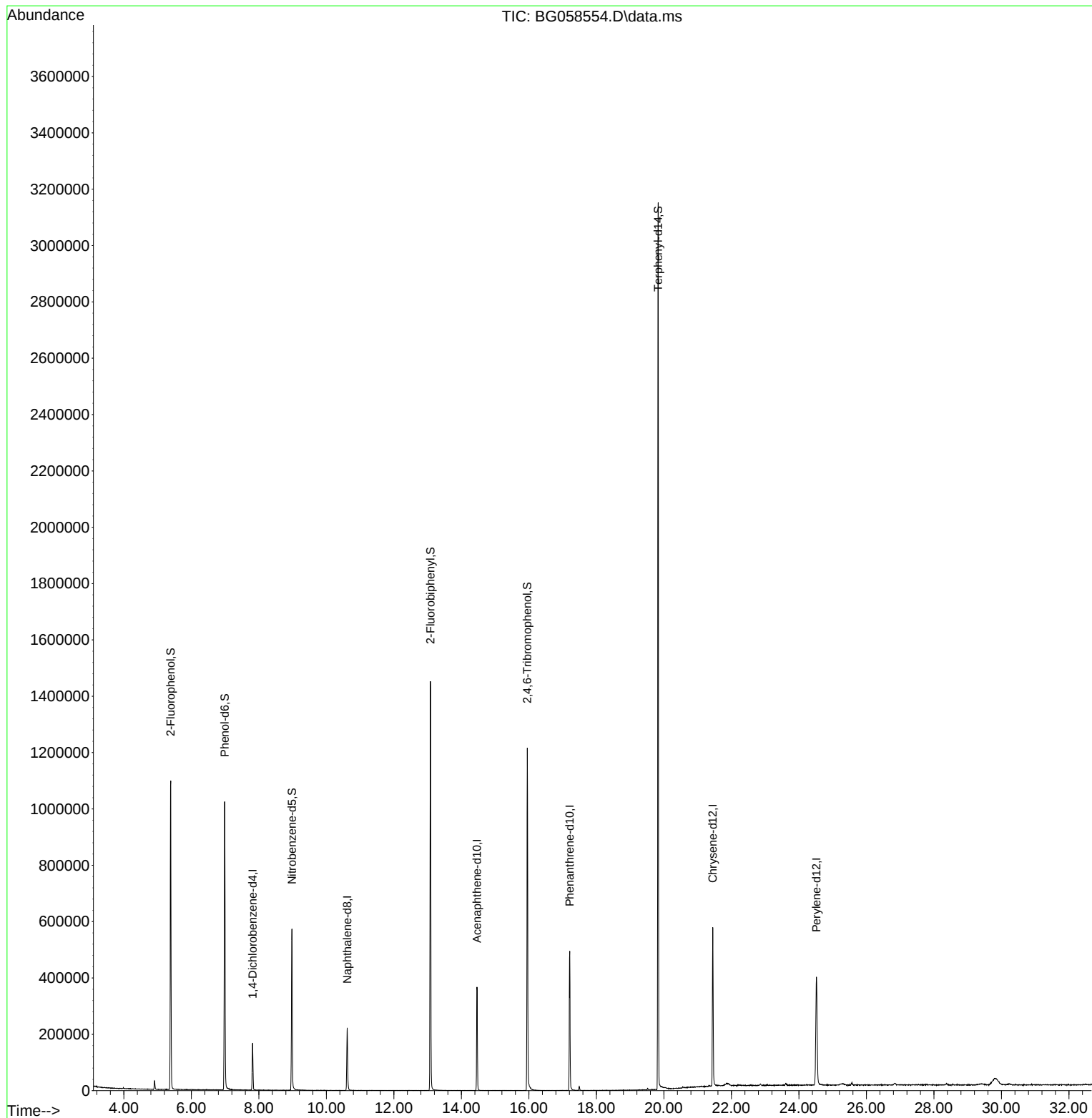
Target Compounds	Qvalue

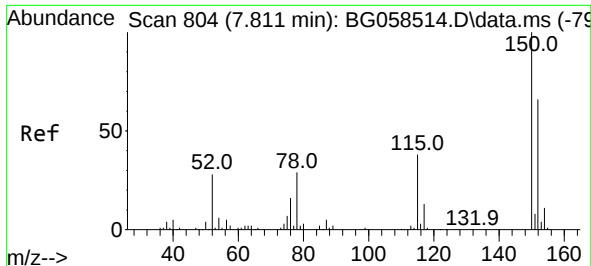
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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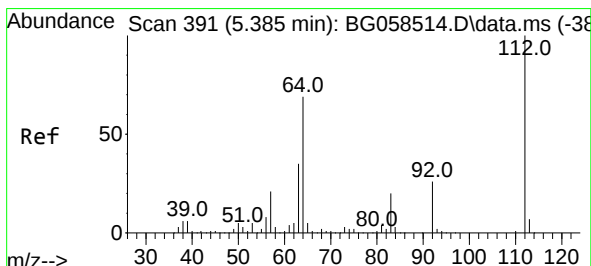
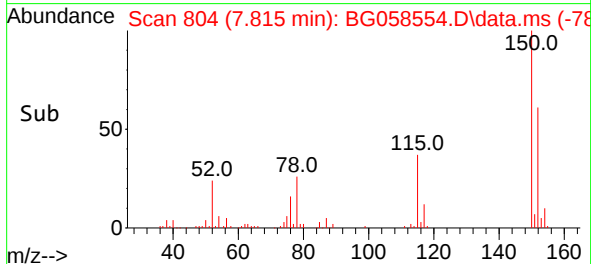
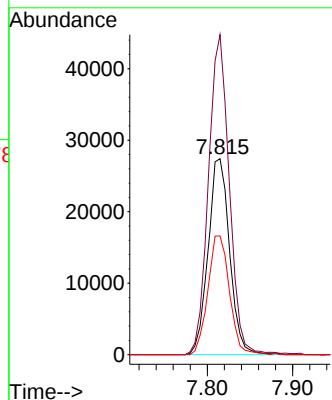
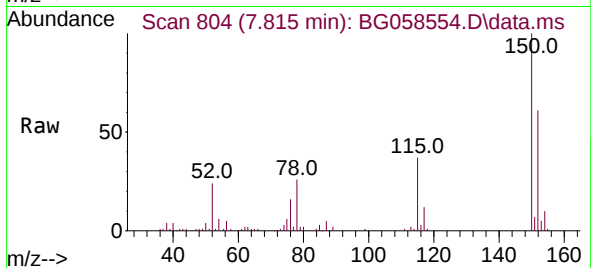




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

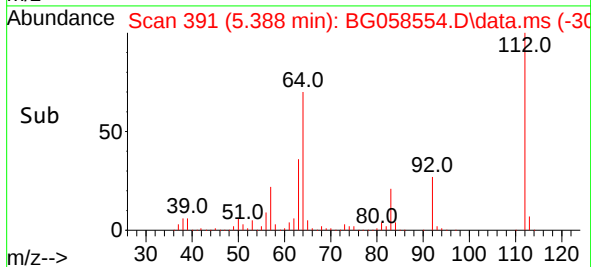
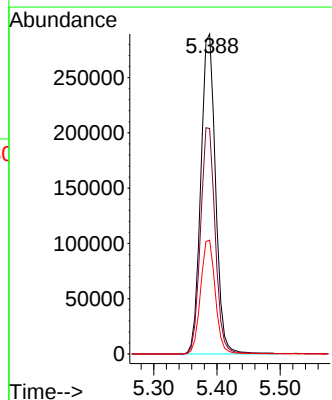
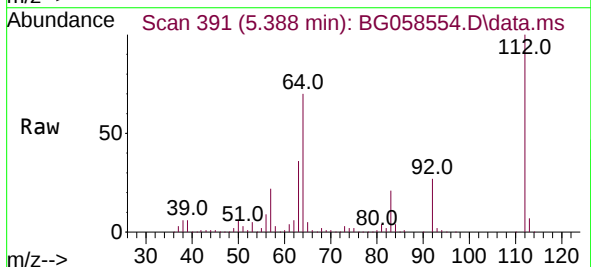
Instrument :
BNA_G
ClientSampleId :
PB154495BL

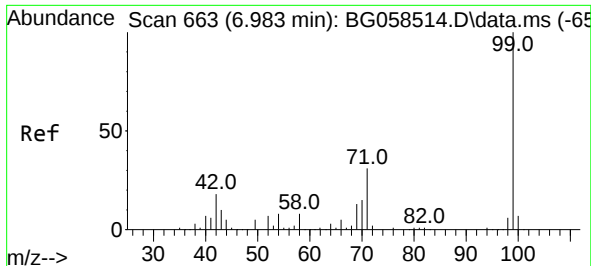
Tgt Ion:152 Resp: 48107
Ion Ratio Lower Upper
152 100
150 163.3 120.5 180.7
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 148.664 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

Tgt Ion:112 Resp: 467909
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 35.5 28.3 42.5

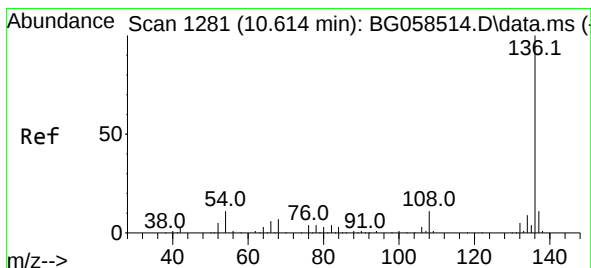
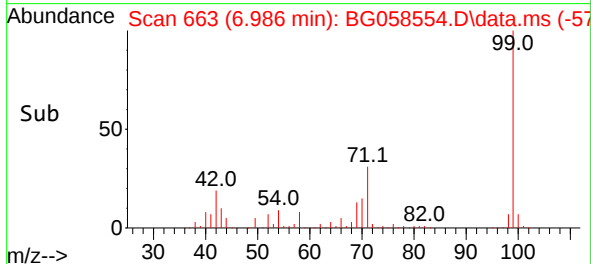
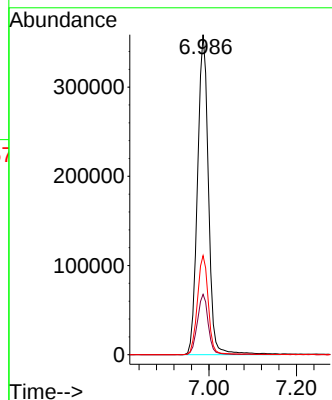
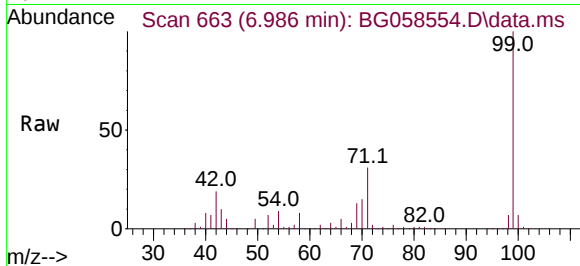




#7
Phenol-d6
Concen: 142.976 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

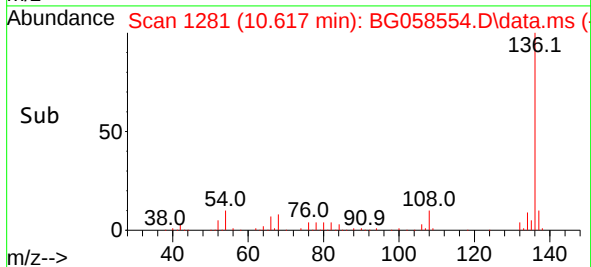
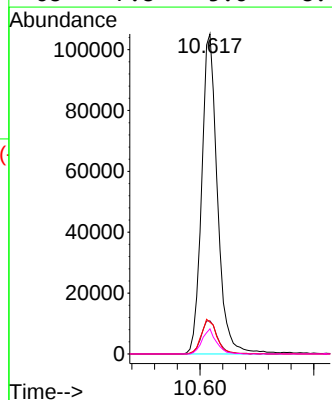
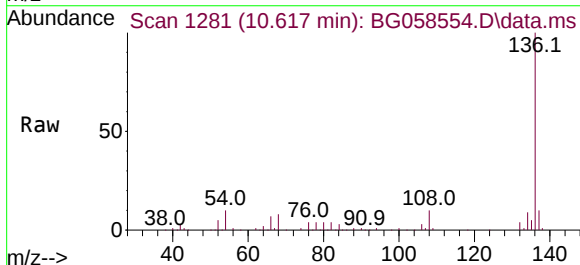
Instrument :
BNA_G
ClientSampleId :
PB154495BL

Tgt Ion: 99 Resp: 626178
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 30.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

Tgt Ion: 136 Resp: 202505
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.9 8.9 13.3
68 7.8 5.6 8.4

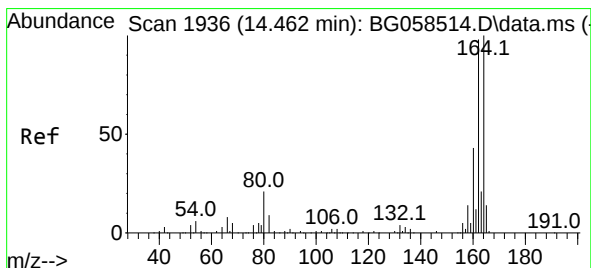
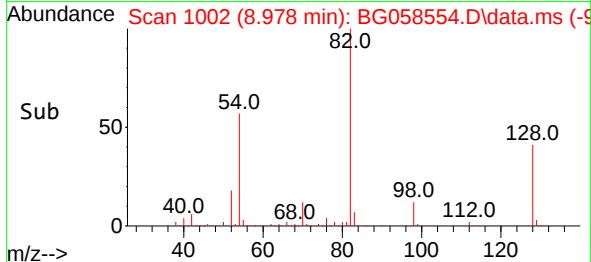
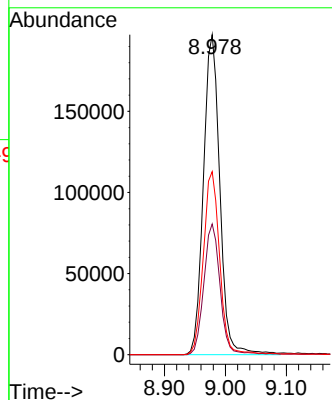
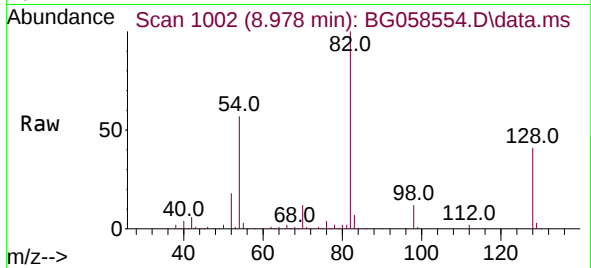




#23
Nitrobenzene-d5
Concen: 89.463 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

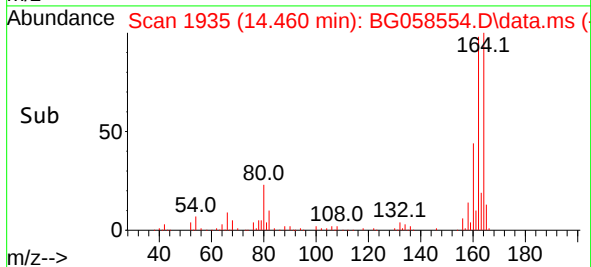
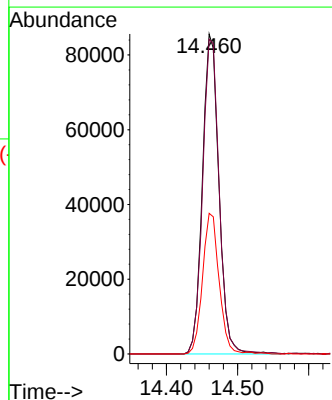
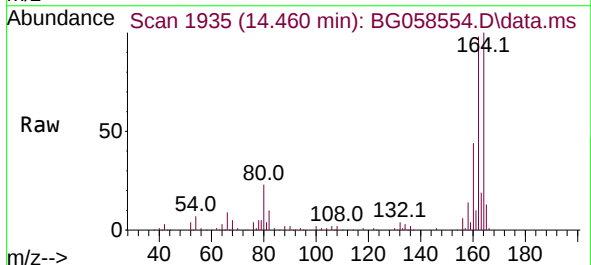
Instrument :
BNA_G
ClientSampleId :
PB154495BL

Tgt Ion: 82 Resp: 368785
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 57.2 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

Tgt Ion:164 Resp: 138011
Ion Ratio Lower Upper
164 100
162 98.4 78.3 117.5
160 43.9 34.1 51.1

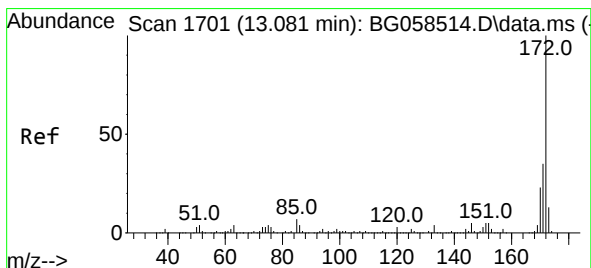
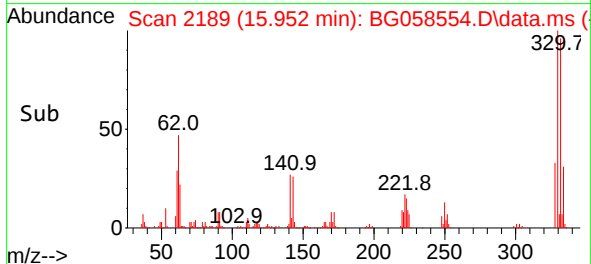
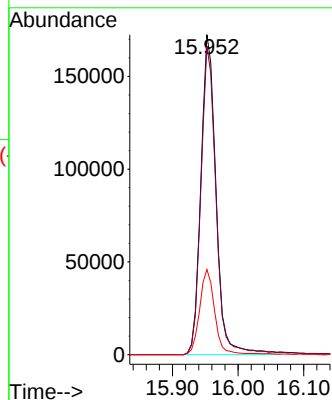
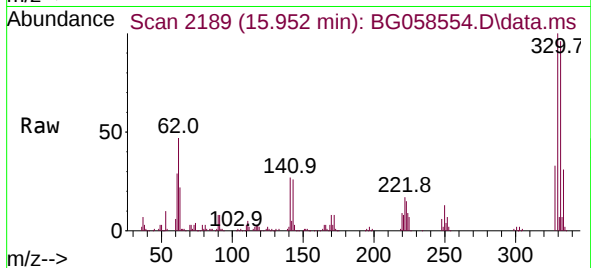




#42
2,4,6-Tribromophenol
Concen: 122.893 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

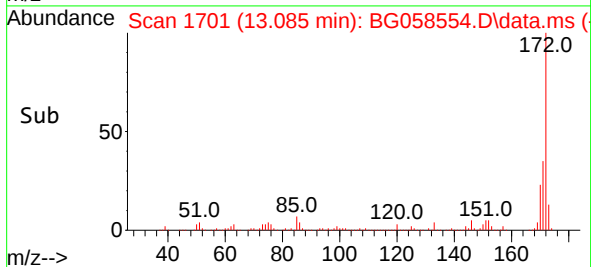
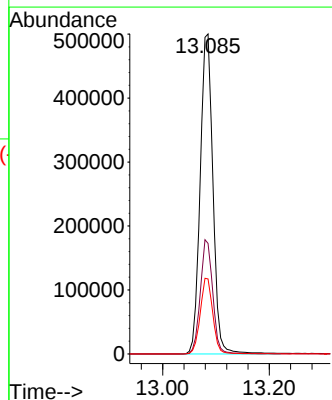
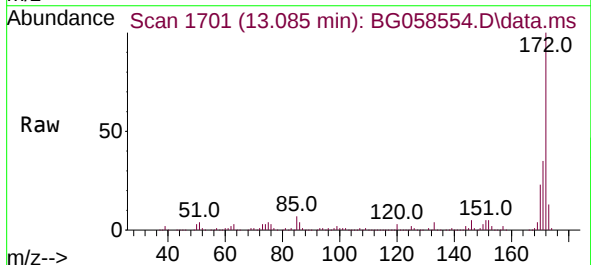
Instrument :
BNA_G
ClientSampleId :
PB154495BL

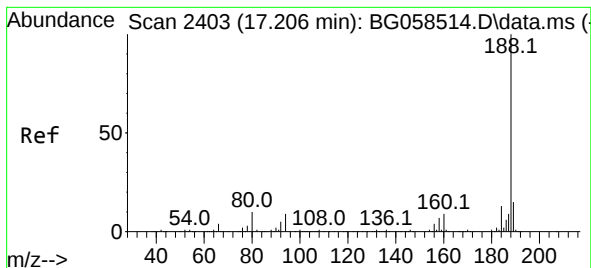
Tgt Ion:330 Resp: 277996
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 26.8 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 90.329 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.004 min
Lab File: BG058554.D
Acq: 1 Aug 2023 9:06

Tgt Ion:172 Resp: 831870
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.5 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG058554.D

Acq: 1 Aug 2023 9:06

Instrument :

BNA_G

ClientSampleId :

PB154495BL

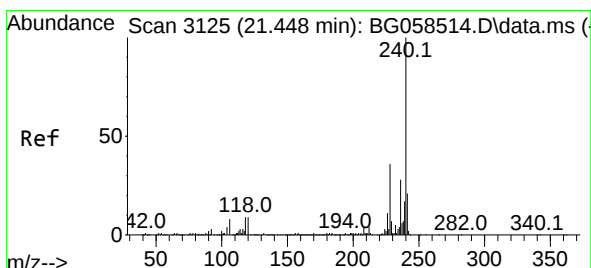
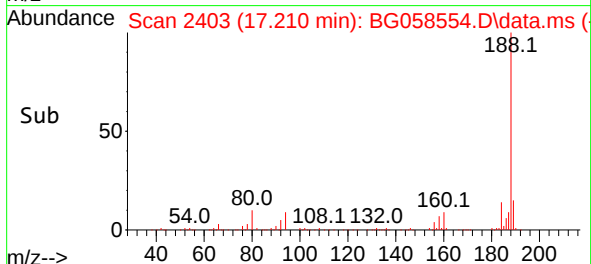
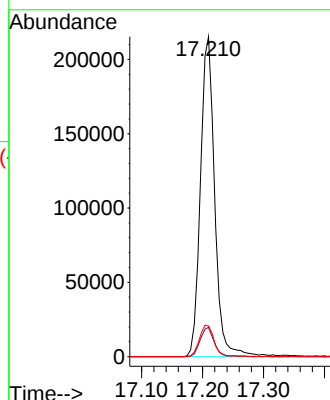
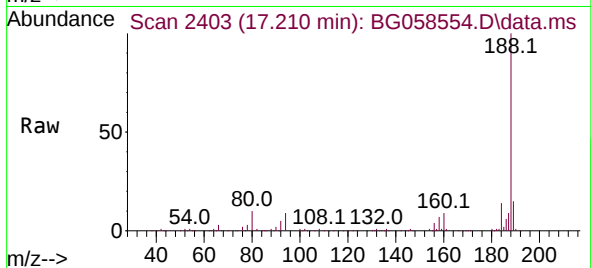
Tgt Ion:188 Resp: 350717

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.446 min Scan# 3124

Delta R.T. -0.002 min

Lab File: BG058554.D

Acq: 1 Aug 2023 9:06

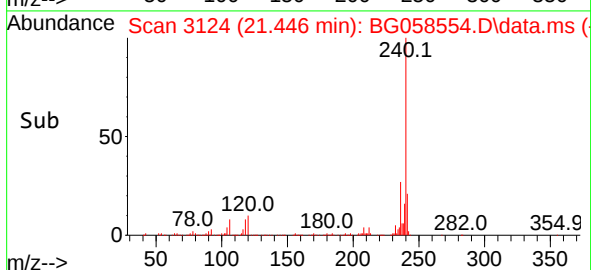
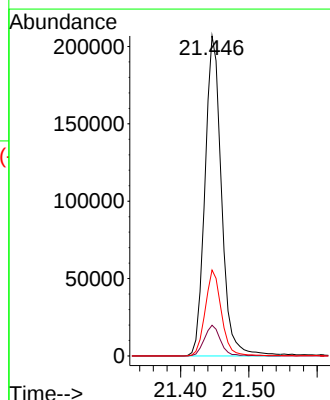
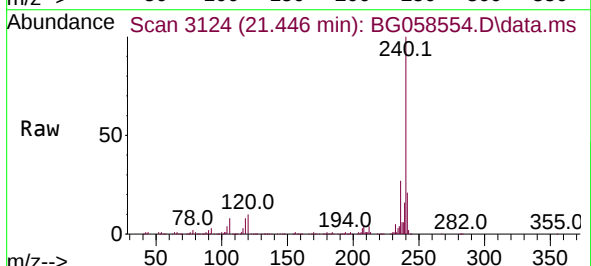
Tgt Ion:240 Resp: 348569

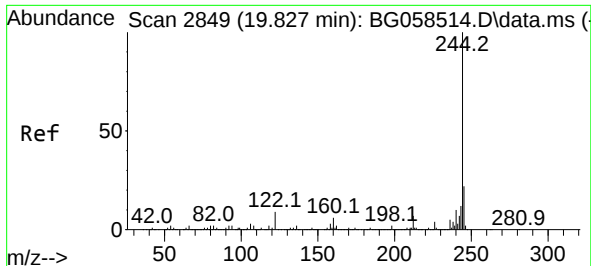
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.9 22.2 33.4

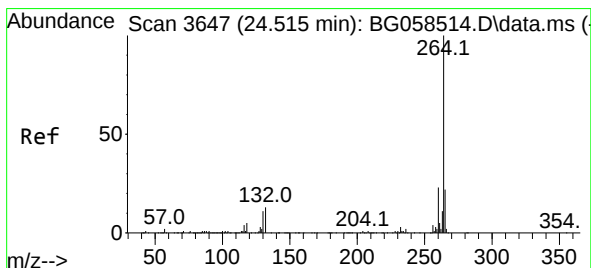
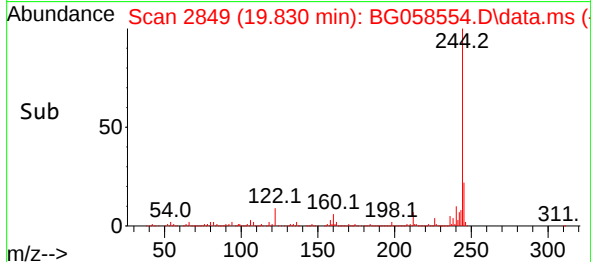
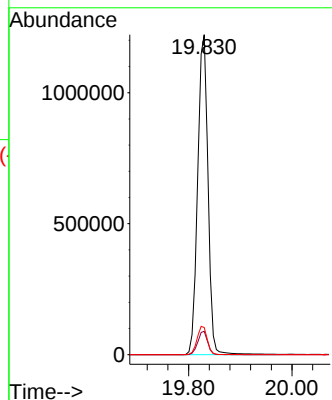
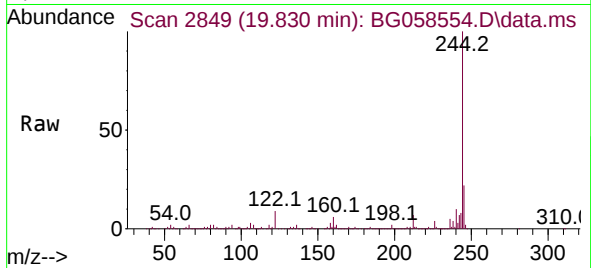




#79
 Terphenyl-d14
 Concen: 91.268 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG058554.D
 Acq: 1 Aug 2023 9:06

Instrument :
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 ClientSampleId :
 PB154495BL

Tgt Ion:244 Resp: 1691708
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.519 min Scan# 3647
 Delta R.T. 0.004 min
 Lab File: BG058554.D
 Acq: 1 Aug 2023 9:06

Tgt Ion:264 Resp: 430810
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.8 17.9 26.9

