

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058570.D
 Acq On : 2 Aug 2023 9:14
 Operator : MA/JU
 Sample : PB154374BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154374BL

Quant Time: Aug 02 09:51:06 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	7.817	152	39460	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	160448	20.000	ng	# 0.00
39) Acenaphthene-d10	14.462	164	108188	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	279385	20.000	ng	0.00
76) Chrysene-d12	21.454	240	318877	20.000	ng	0.00
86) Perylene-d12	24.527	264	393097	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	369792	143.237	ng	0.00
7) Phenol-d6	6.989	99	484257	134.801	ng	0.00
23) Nitrobenzene-d5	8.981	82	282398	86.463	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	219073	123.541	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	643657	89.158	ng	0.00
79) Terphenyl-d14	19.833	244	1524543	89.908	ng	0.00

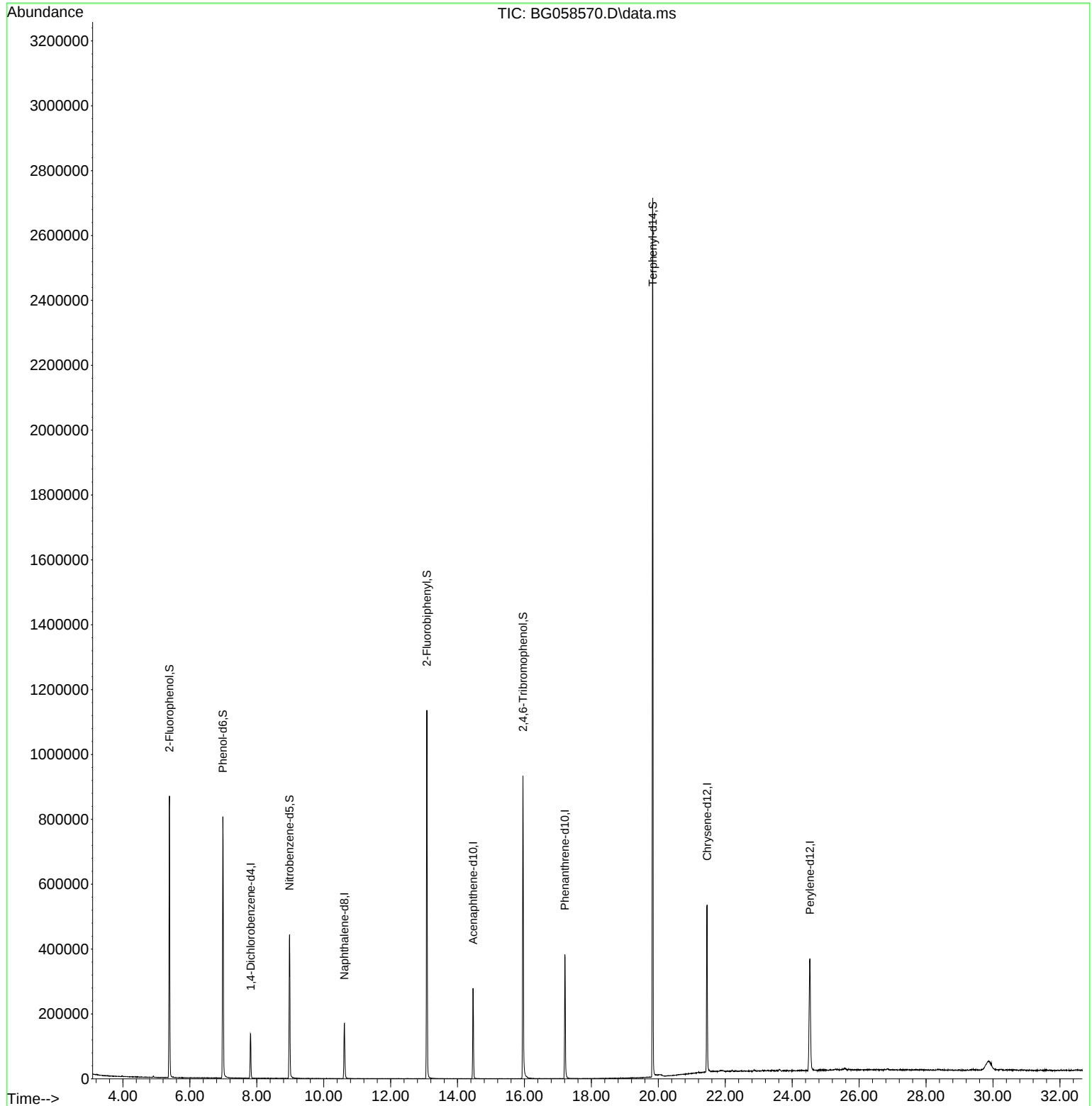
Target Compounds Qvalue

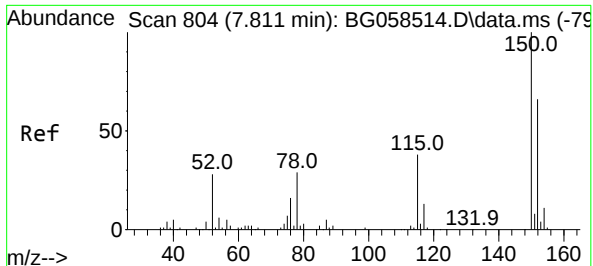
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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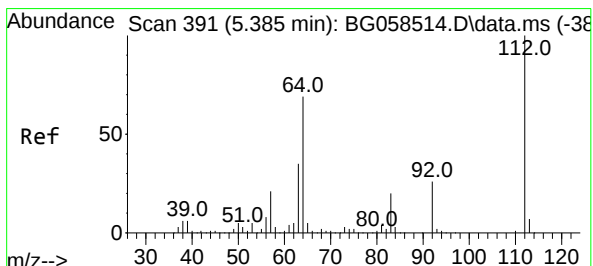
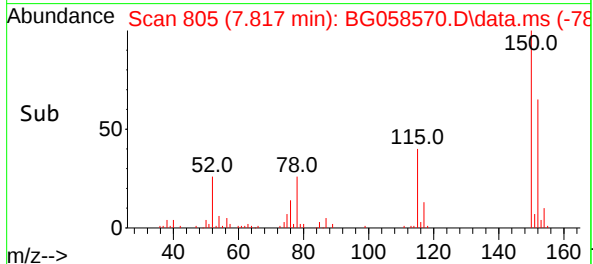
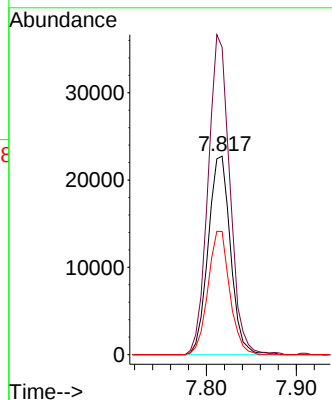
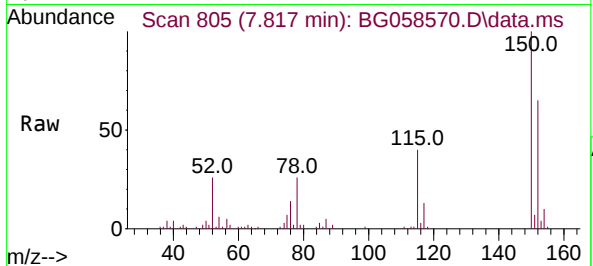




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

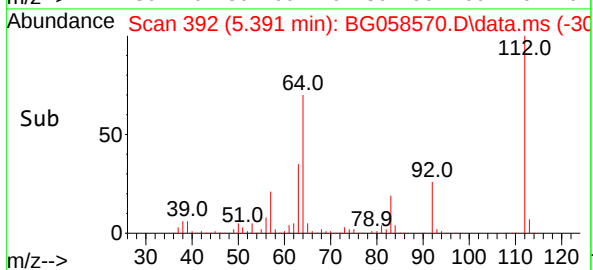
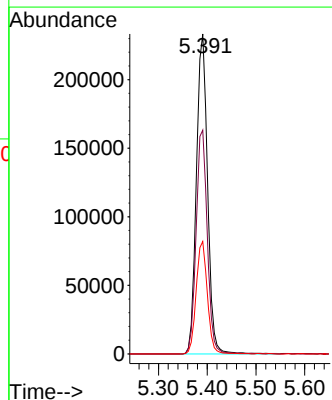
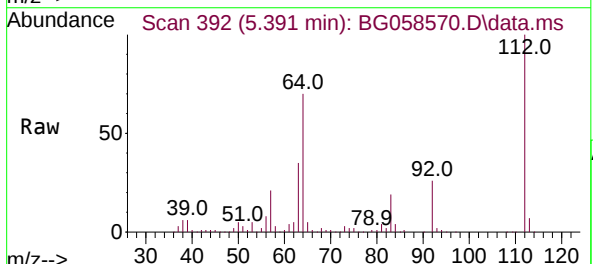
Instrument :
BNA_G
ClientSampleId :
PB154374BL

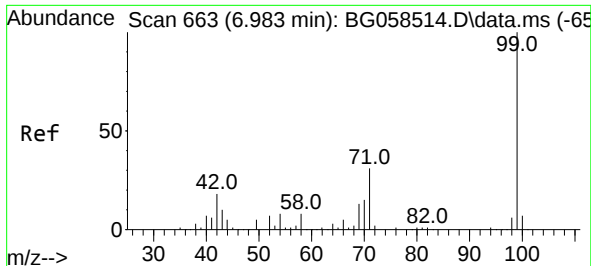
Tgt Ion:152 Resp: 39460
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 143.237 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion:112 Resp: 369792
Ion Ratio Lower Upper
112 100
64 69.9 55.3 82.9
63 35.1 28.3 42.5

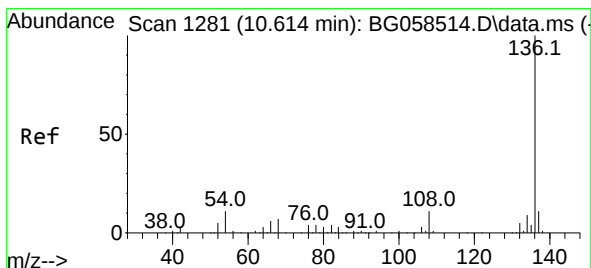
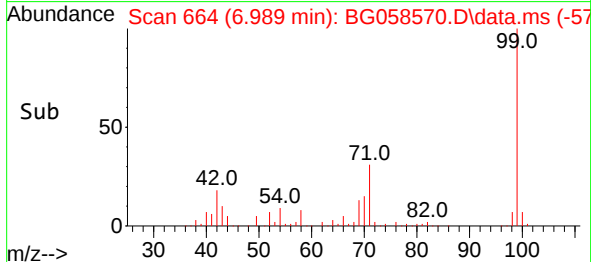
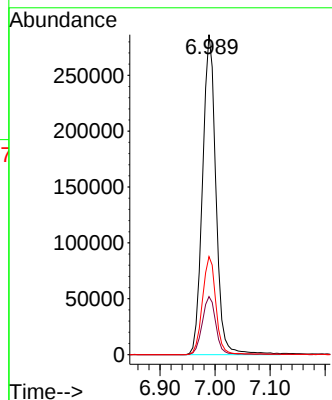
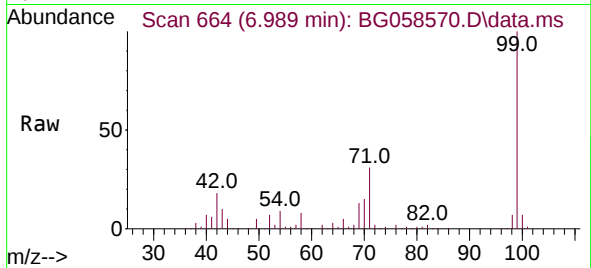




#7
Phenol-d6
Concen: 134.801 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

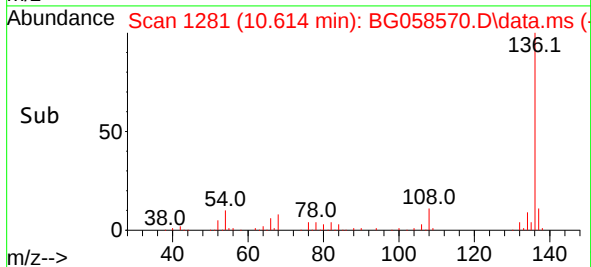
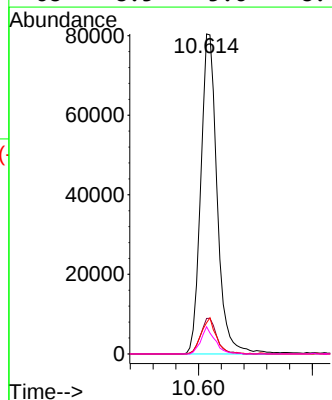
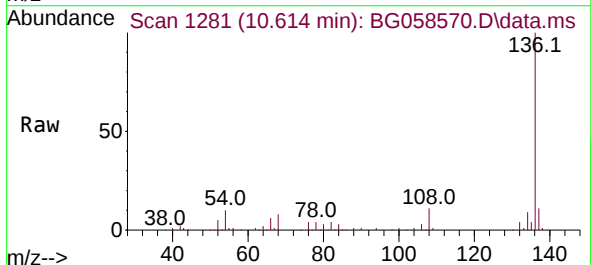
Instrument :
BNA_G
ClientSampleId :
PB154374BL

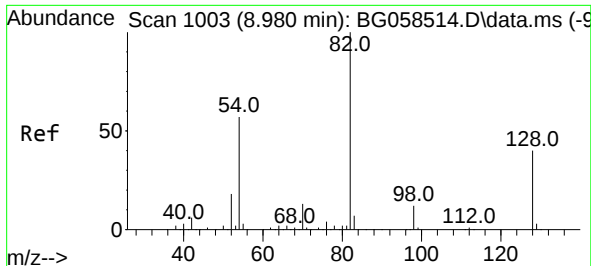
Tgt Ion: 99 Resp: 484257
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion: 136 Resp: 160448
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.7 8.9 13.3
68 8.5 5.6 8.4#

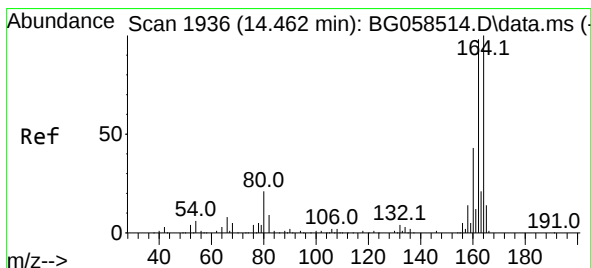
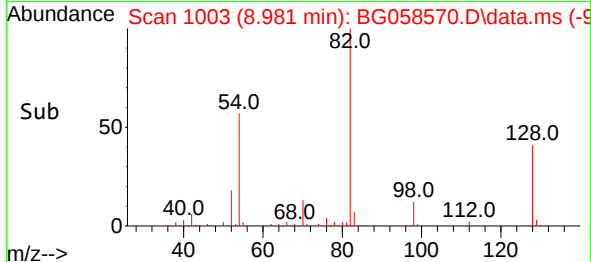
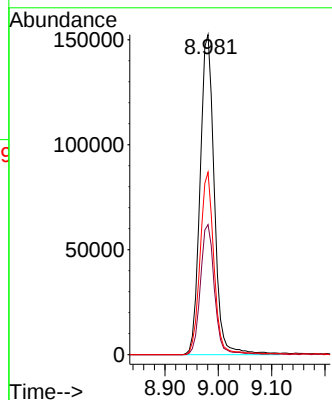
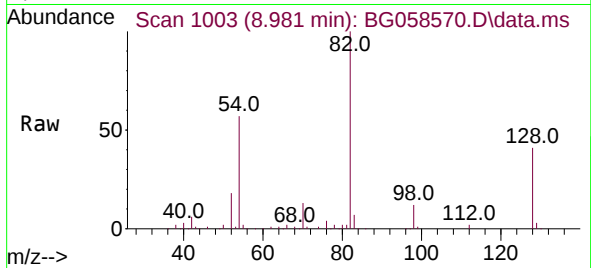




#23
Nitrobenzene-d5
Concen: 86.463 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

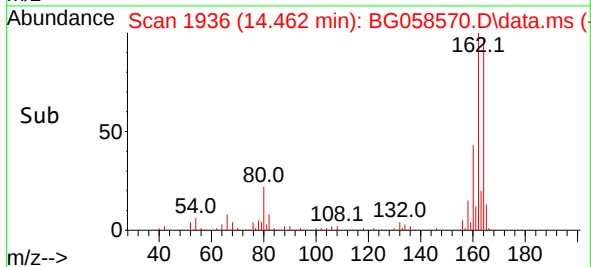
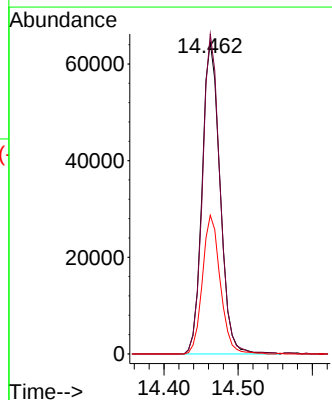
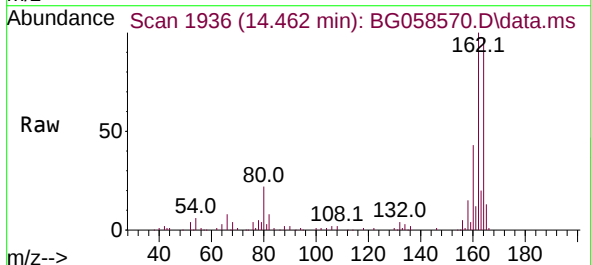
Instrument :
BNA_G
ClientSampleId :
PB154374BL

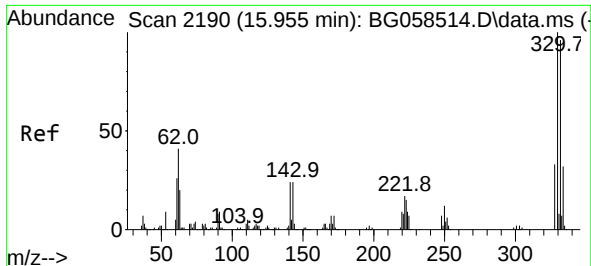
Tgt Ion: 82 Resp: 282398
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 57.0 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058570.D
Acq: 2 Aug 2023 9:14

Tgt Ion:164 Resp: 108188
Ion Ratio Lower Upper
164 100
162 102.7 78.3 117.5
160 44.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 123.541 ng

RT: 15.955 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB154374BL

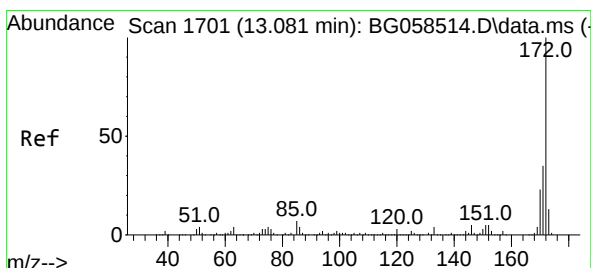
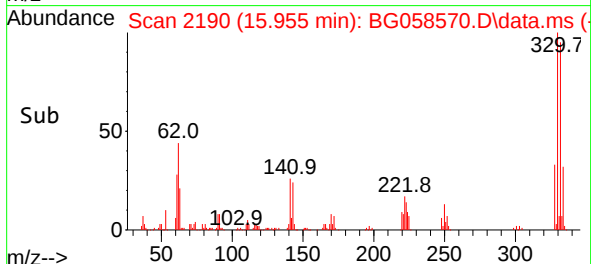
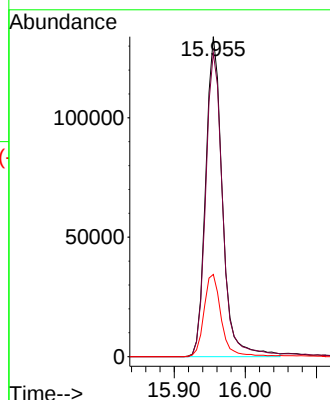
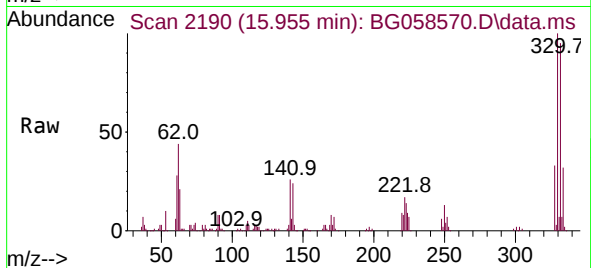
Tgt Ion:330 Resp: 219073

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 26.9 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 89.158 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

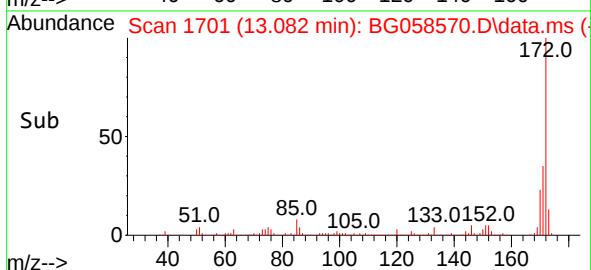
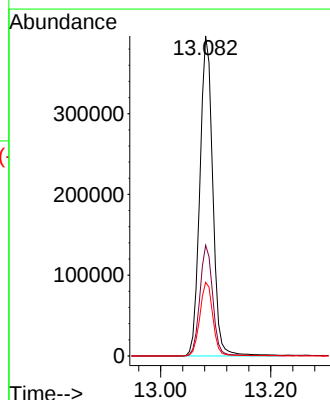
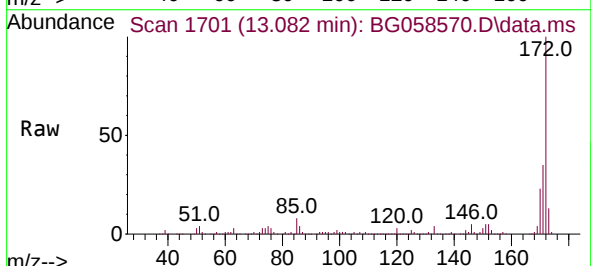
Tgt Ion:172 Resp: 643657

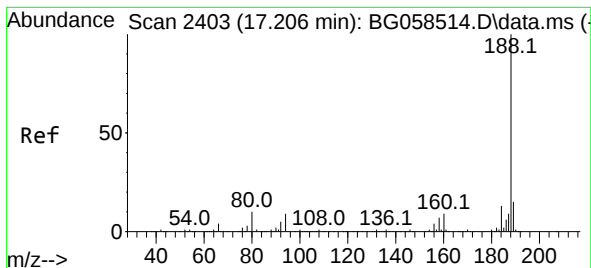
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB154374BL

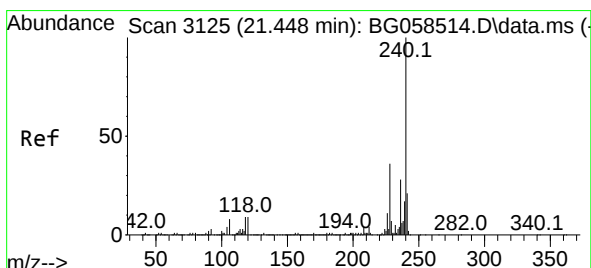
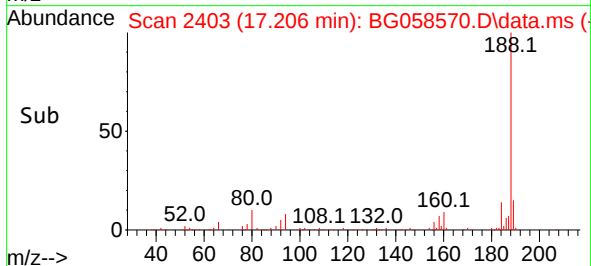
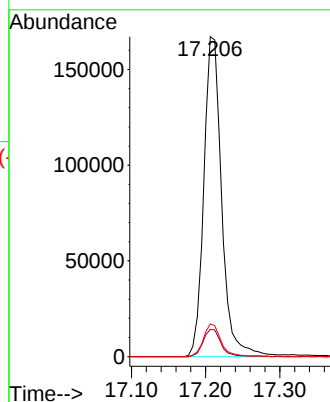
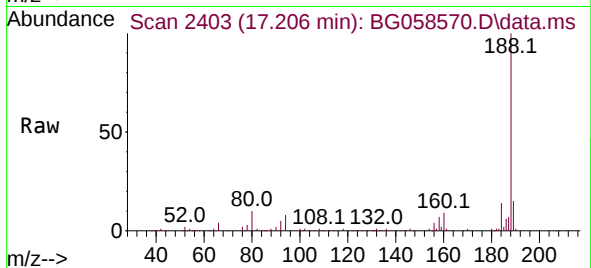
Tgt Ion:188 Resp: 279385

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 10.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BG058570.D

Acq: 2 Aug 2023 9:14

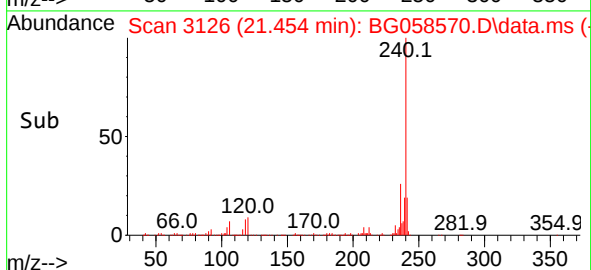
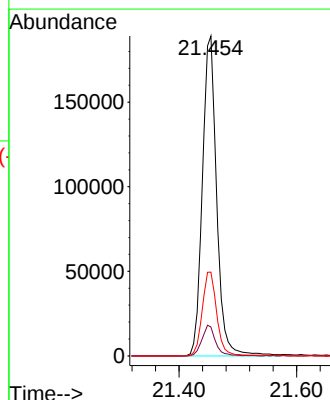
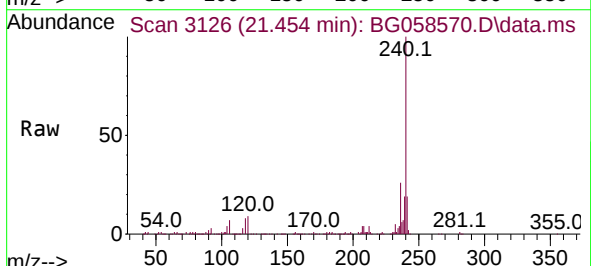
Tgt Ion:240 Resp: 318877

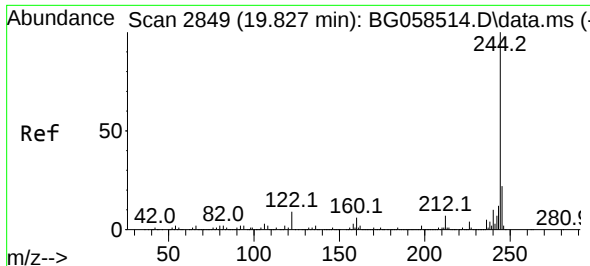
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 26.2 22.2 33.4

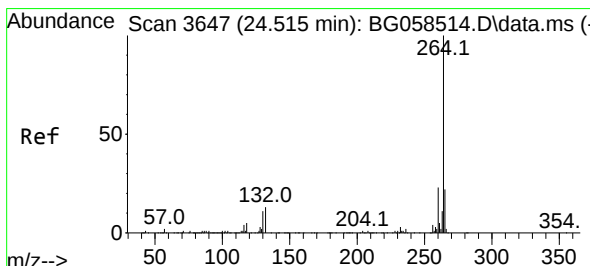
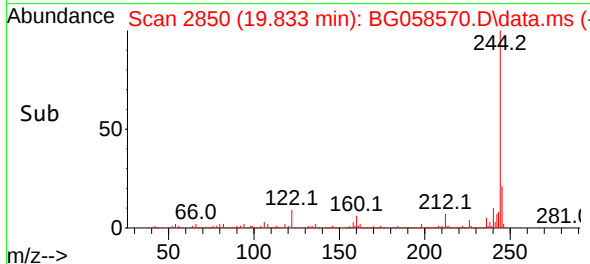
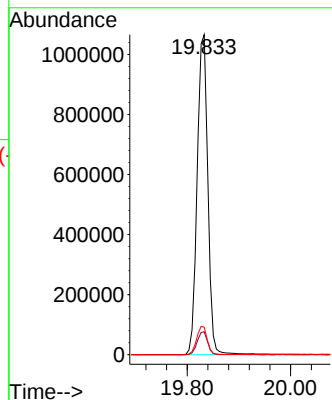
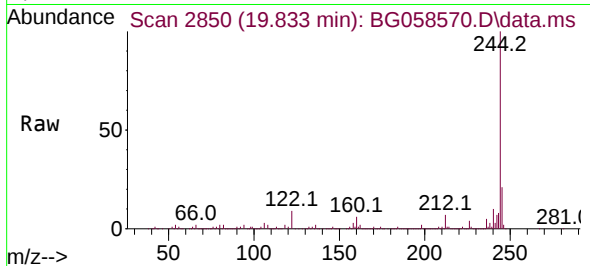




#79
 Terphenyl-d14
 Concen: 89.908 ng
 RT: 19.833 min Scan# 2849
 Delta R.T. 0.006 min
 Lab File: BG058570.D
 Acq: 2 Aug 2023 9:14

Instrument :
 BNA_G
 ClientSampleId :
 PB154374BL

Tgt Ion:244 Resp: 1524543
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058570.D
 Acq: 2 Aug 2023 9:14

Tgt Ion:264 Resp: 393097
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.3 17.9 26.9

