

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055618.D
 Acq On : 15 Nov 2022 11:16
 Operator : CG/JU
 Sample : PB148898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

Quant Time: Nov 16 01:38:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	39736	20.000	ng	0.00
21) Naphthalene-d8	11.087	136	172970	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	133069	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	347939	20.000	ng	0.00
76) Chrysene-d12	21.921	240	339101	20.000	ng	0.00
86) Perylene-d12	25.341	264	354098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	295713	141.749	ng	0.00
7) Phenol-d6	7.397	99	384802	133.533	ng	0.00
23) Nitrobenzene-d5	9.430	82	237229	92.977	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	230981	177.902	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	628407	71.233	ng	0.00
79) Terphenyl-d14	20.211	244	1285845	76.163	ng	0.00

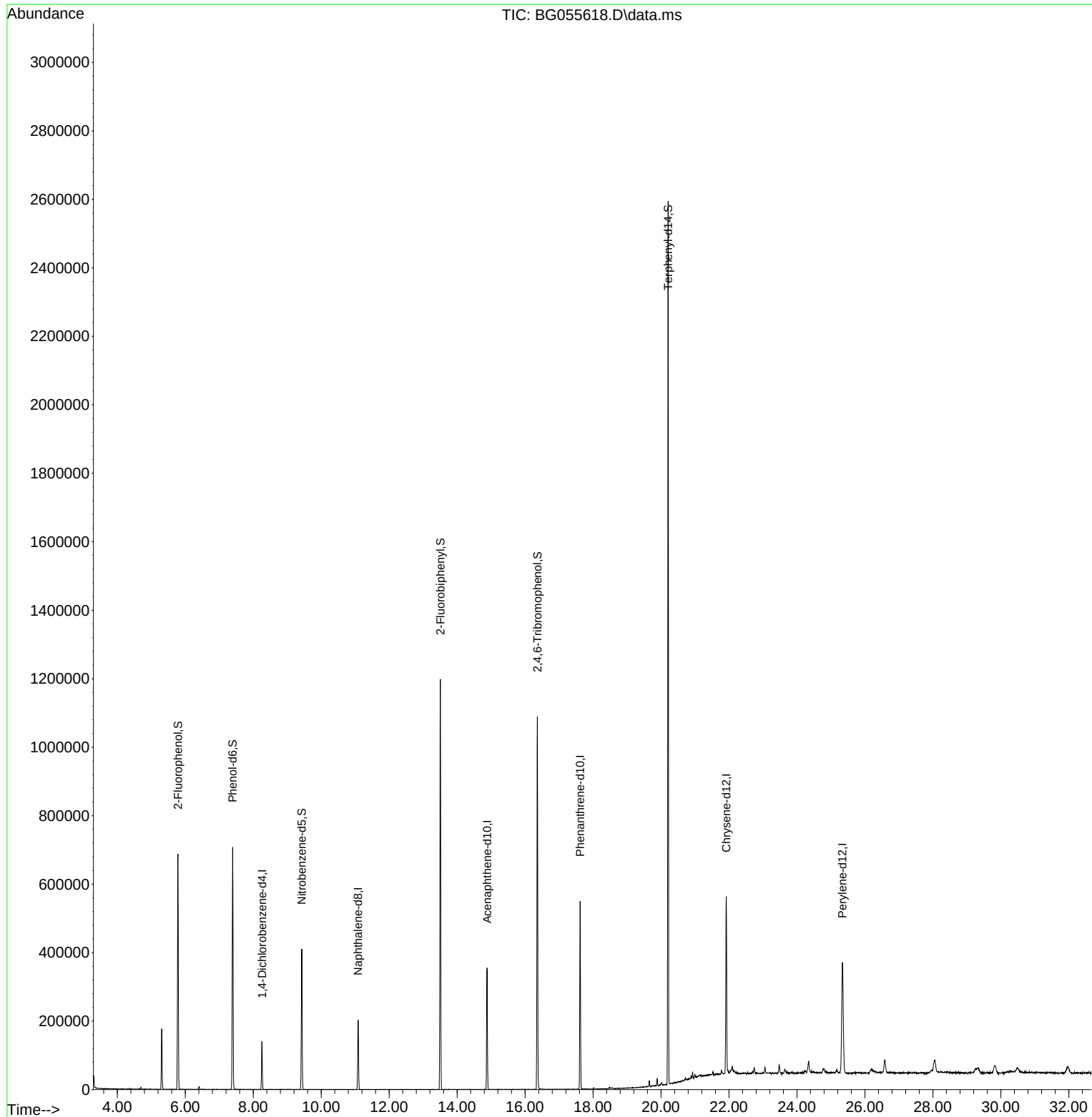
Target Compounds	Qvalue

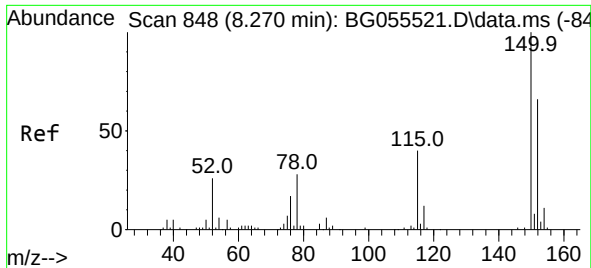
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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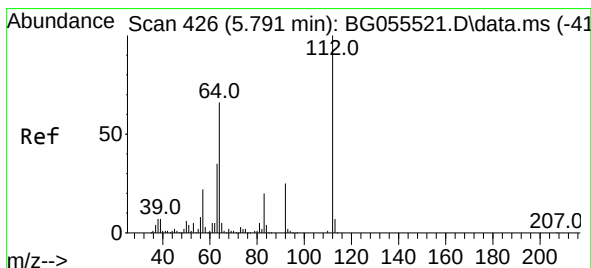
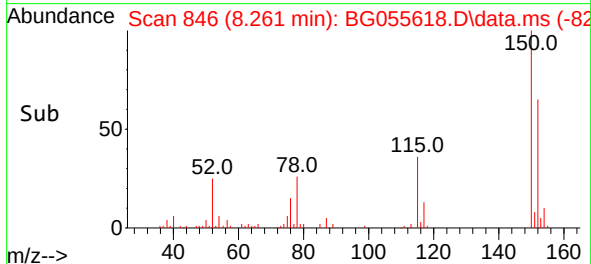
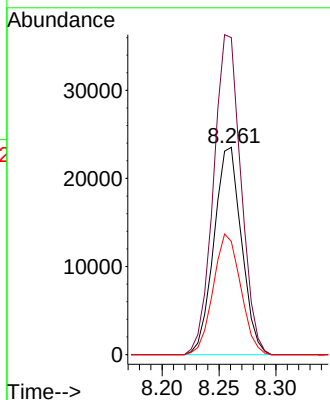
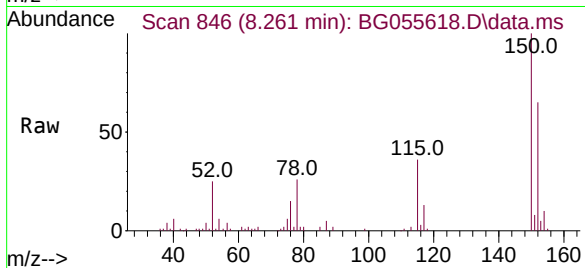




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.261 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

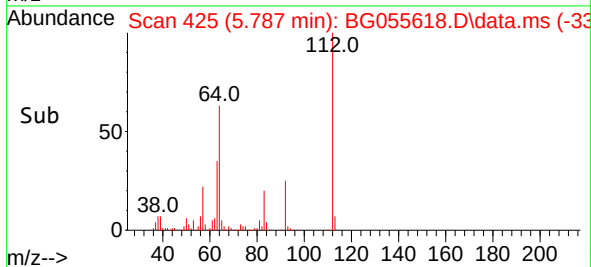
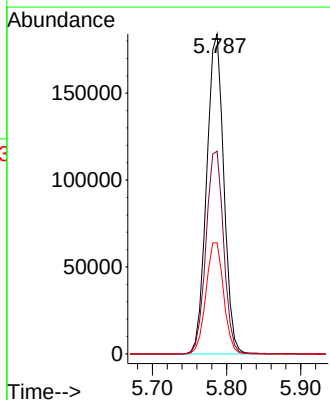
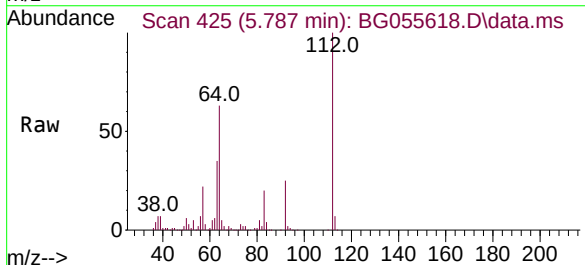
Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

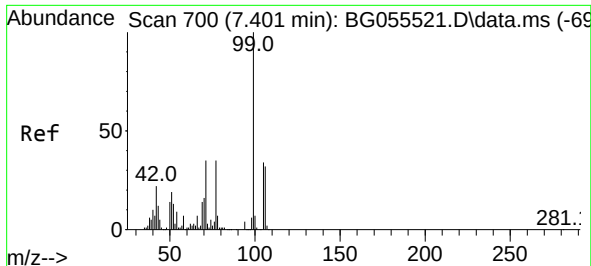
Tgt Ion:152 Resp: 39736
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.0 181.4
 115 54.6 47.8 71.8



#5
 2-Fluorophenol
 Concen: 141.749 ng
 RT: 5.787 min Scan# 425
 Delta R.T. 0.006 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

Tgt Ion:112 Resp: 295713
 Ion Ratio Lower Upper
 112 100
 64 63.3 52.6 78.8
 63 34.7 28.3 42.5

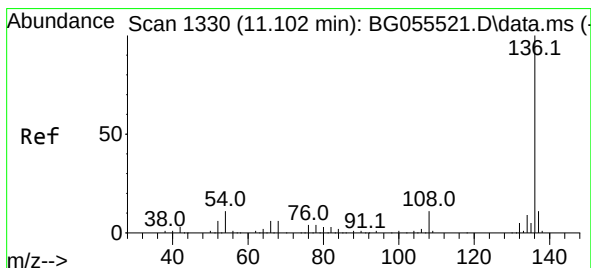
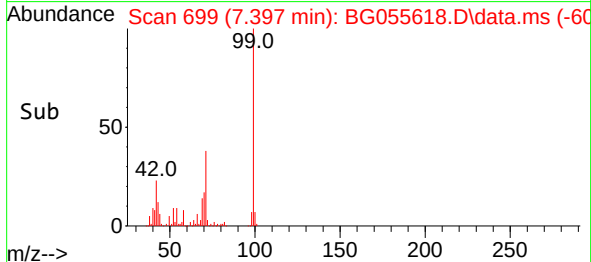
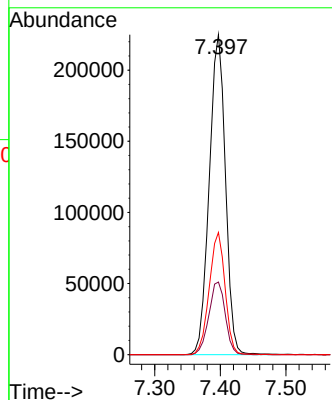
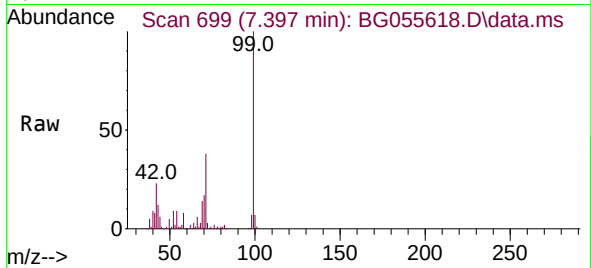




#7
Phenol-d6
Concen: 133.533 ng
RT: 7.397 min Scan# 69
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

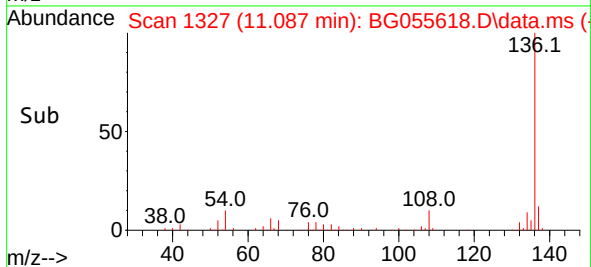
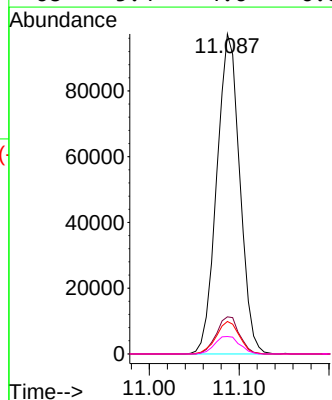
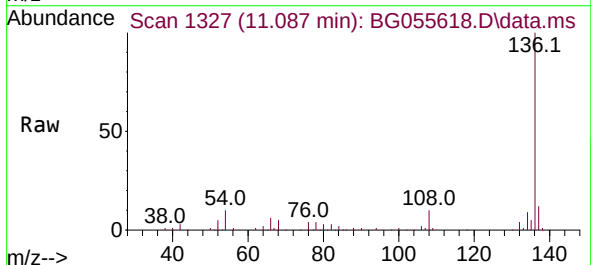
Instrument :
BNA_G
ClientSampleId :
PB148898BL

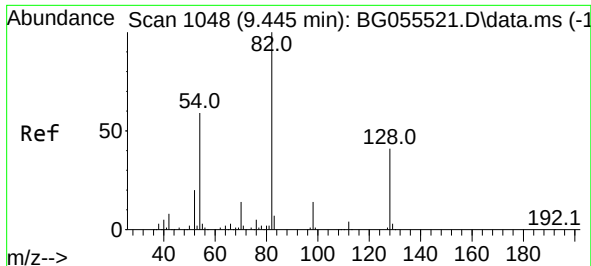
Tgt Ion: 99 Resp: 384802
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 38.2 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.087 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion: 136 Resp: 172970
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.1 8.6 12.8
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.977 ng

RT: 9.430 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB148898BL

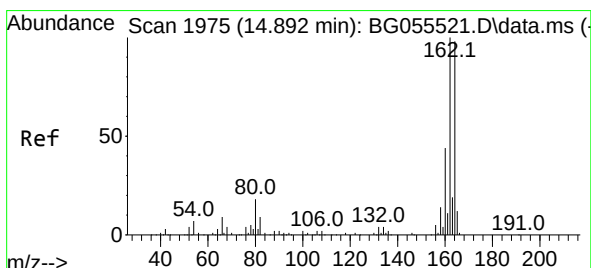
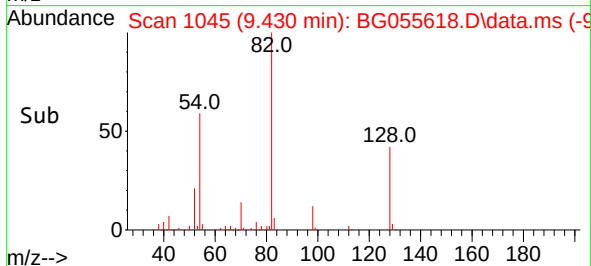
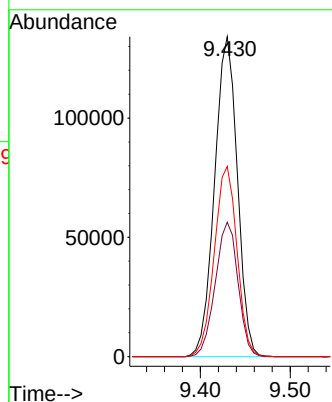
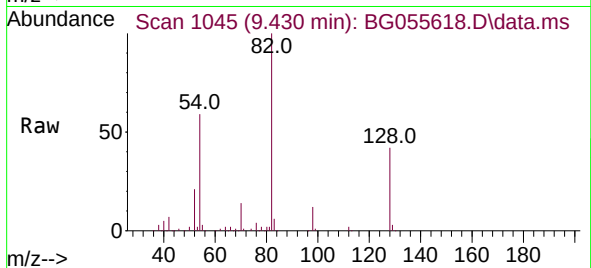
Tgt Ion: 82 Resp: 237229

Ion Ratio Lower Upper

82 100

128 42.0 32.6 49.0

54 59.4 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.882 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

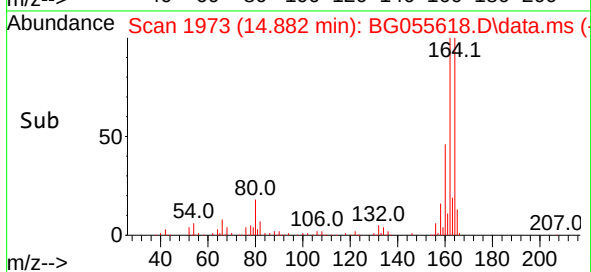
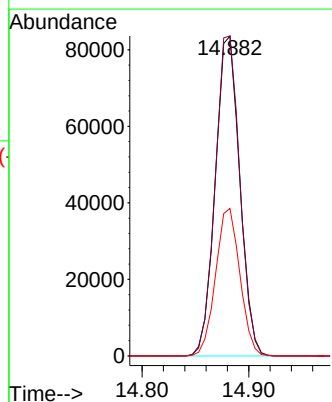
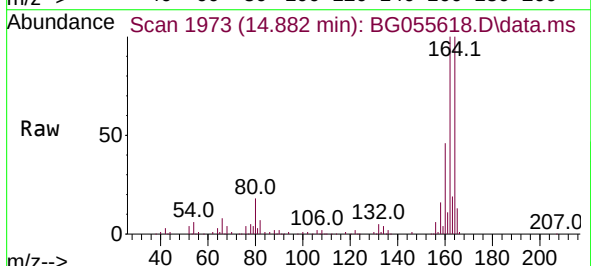
Tgt Ion: 164 Resp: 133069

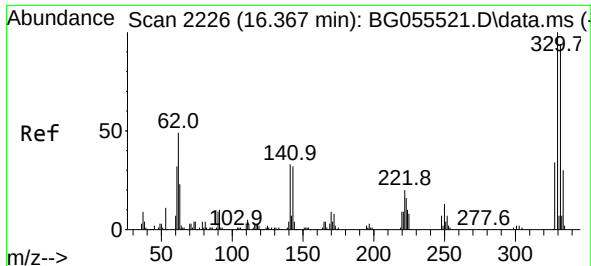
Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 46.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 177.902 ng

RT: 16.363 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055618.D

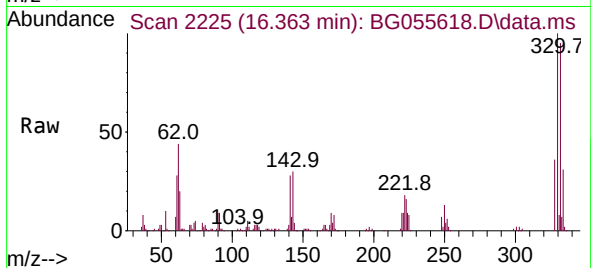
Acq: 15 Nov 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB148898BL



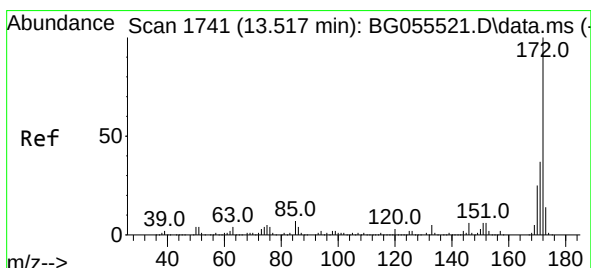
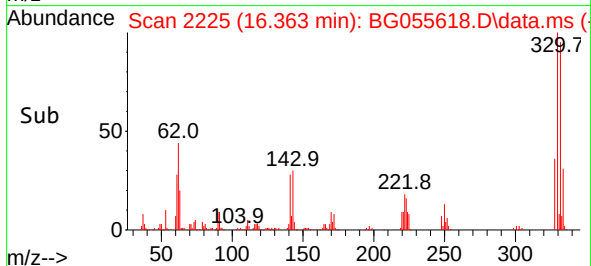
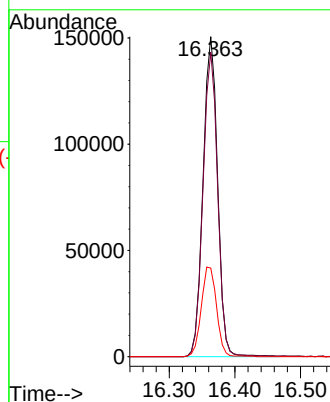
Tgt Ion:330 Resp: 230981

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

141 29.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 71.233 ng

RT: 13.508 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

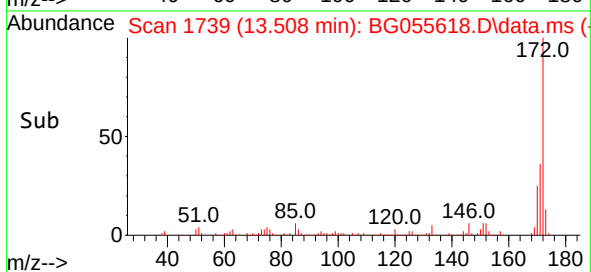
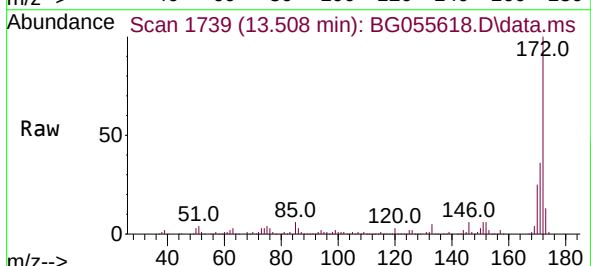
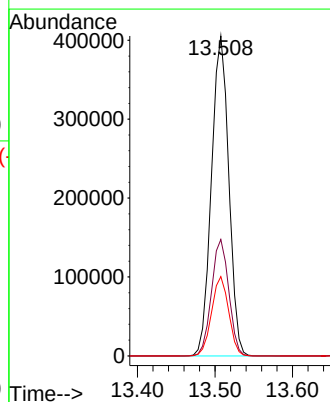
Tgt Ion:172 Resp: 628407

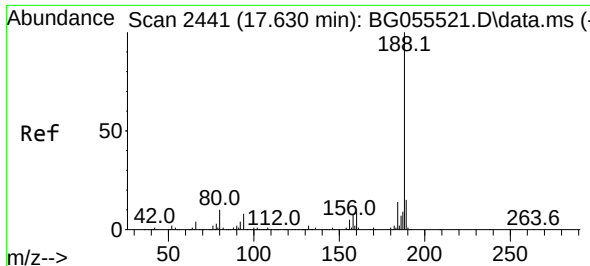
Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 24.8 19.8 29.6

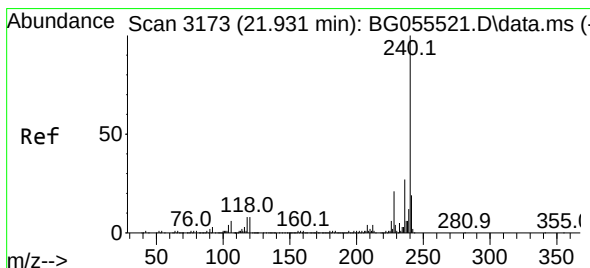
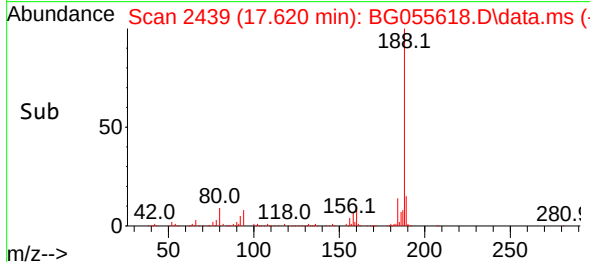
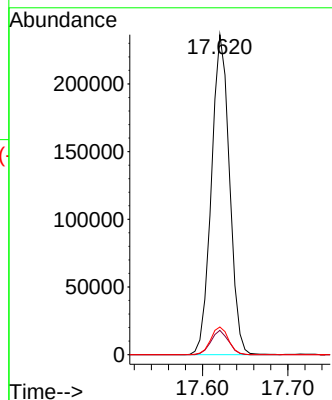
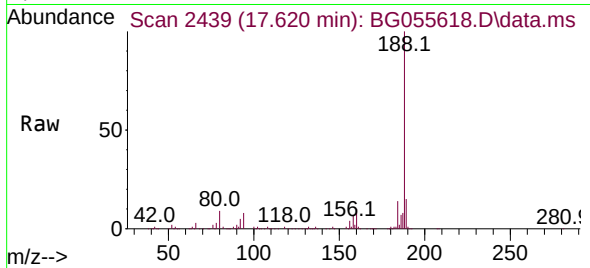




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

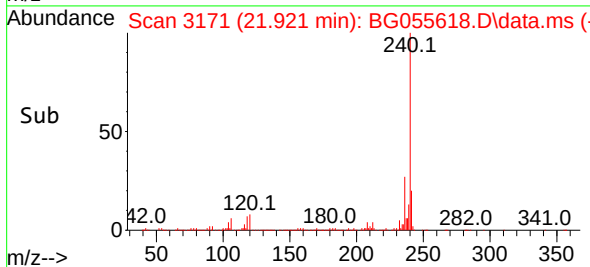
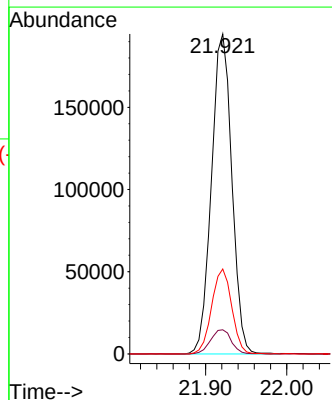
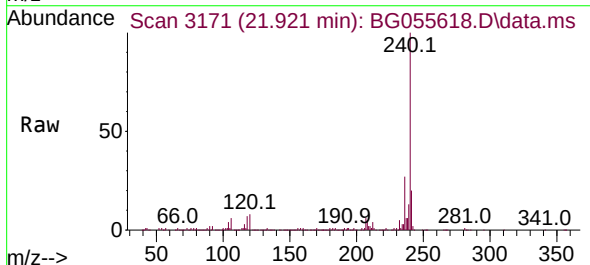
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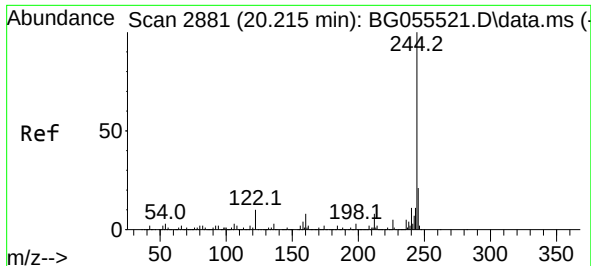
Tgt Ion:188 Resp: 347939
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:240 Resp: 339101
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.5 21.4 32.0

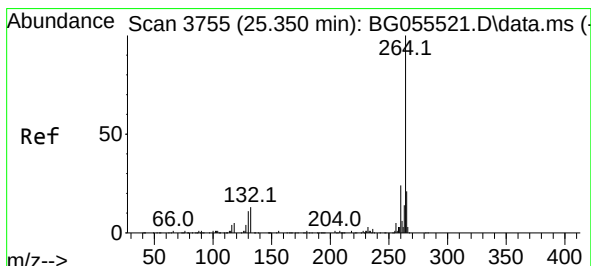
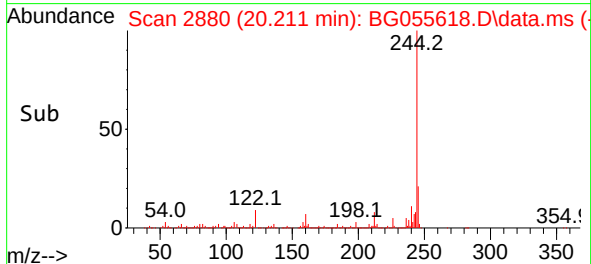
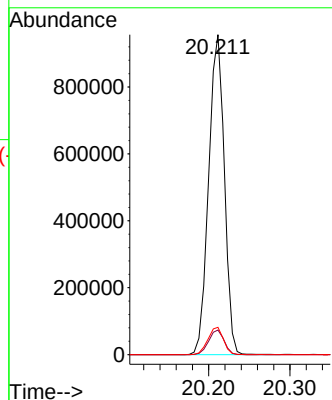
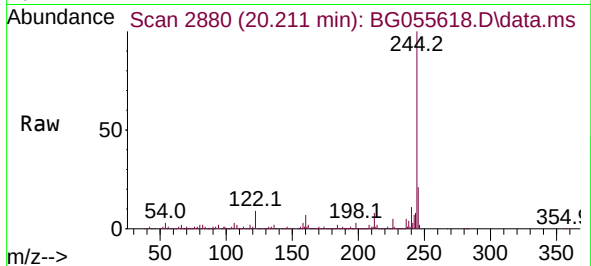




#79
 Terphenyl-d14
 Concen: 76.163 ng
 RT: 20.211 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

Tgt Ion:244 Resp: 1285845
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 3753
 Delta R.T. 0.006 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

Tgt Ion:264 Resp: 354098
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 22.5 17.1 25.7

