

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055309.D
 Acq On : 26 Oct 2022 22:00
 Operator : CG/JU
 Sample : N5218-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Quant Time: Oct 27 10:43:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	34820	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	146680	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	100398	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	229071	20.000	ng	0.00
76) Chrysene-d12	21.895	240	224275	20.000	ng	0.00
86) Perylene-d12	25.291	264	235282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	198153	99.644	ng	0.00
7) Phenol-d6	7.412	99	280626	97.405	ng	0.00
23) Nitrobenzene-d5	9.445	82	168262	58.577	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	110244	101.010	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	388732	63.374	ng	0.00
79) Terphenyl-d14	20.191	244	696196	64.496	ng	0.00

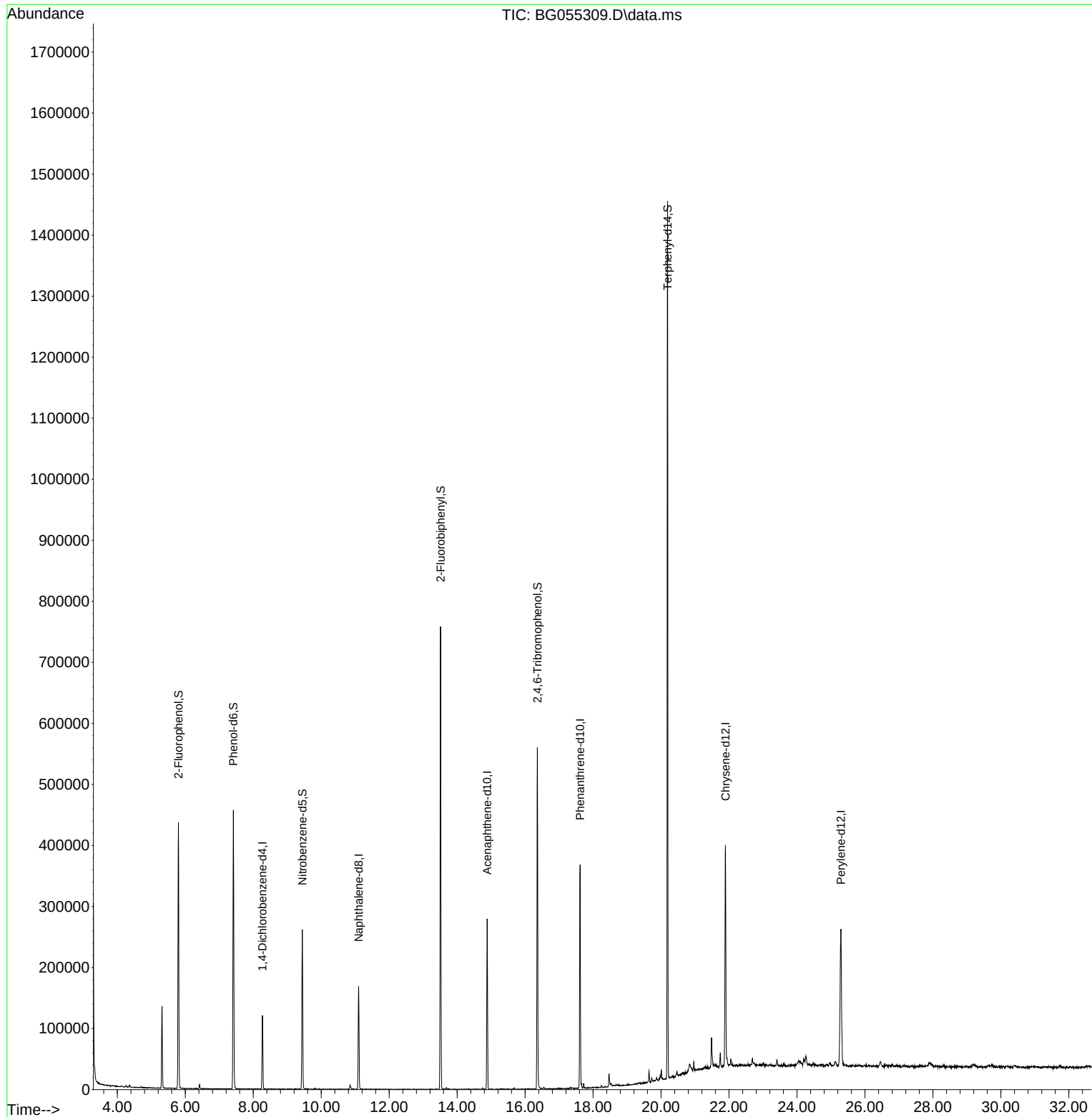
Target Compounds	Qvalue

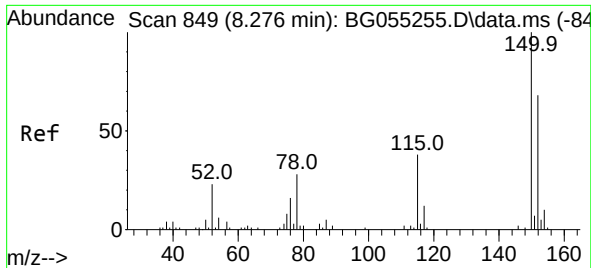
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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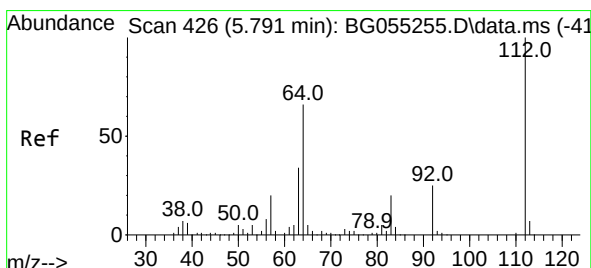
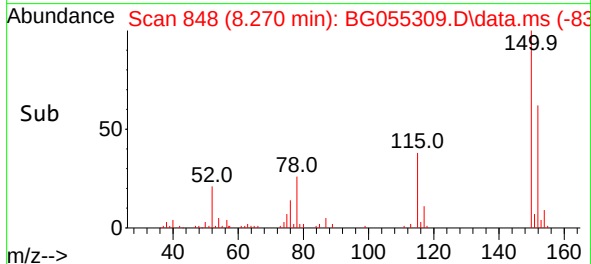
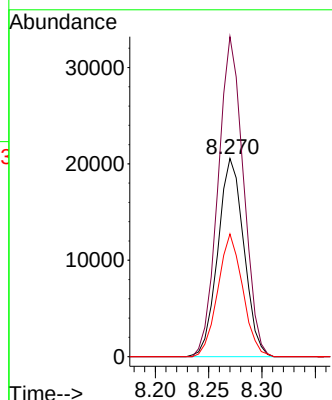
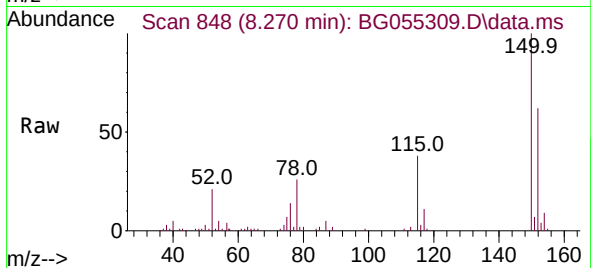




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

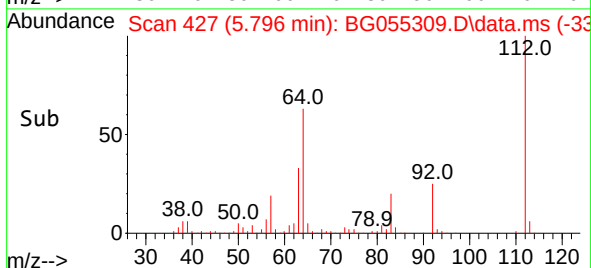
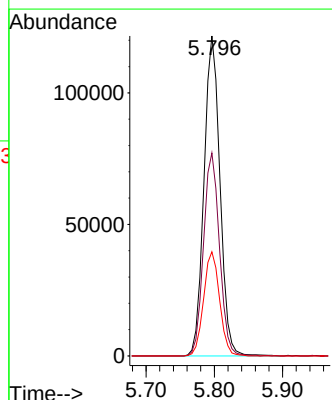
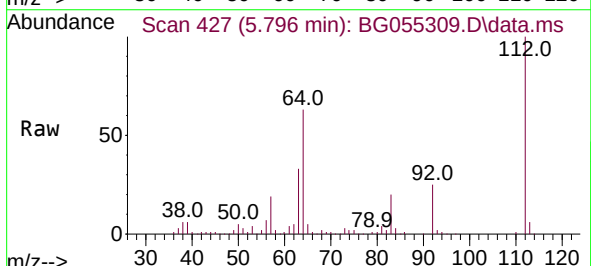
Instrument :
BNA_G
ClientSampleId :
SP-3

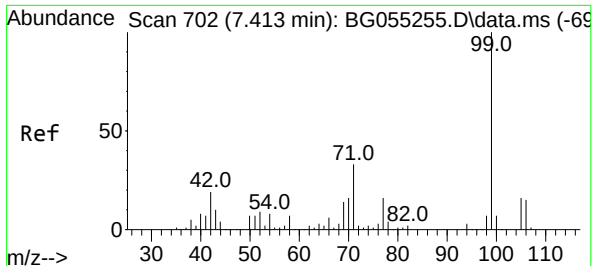
Tgt Ion:152 Resp: 34820
Ion Ratio Lower Upper
152 100
150 161.5 118.2 177.4
115 61.9 44.5 66.7



#5
2-Fluorophenol
Concen: 99.644 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

Tgt Ion:112 Resp: 198153
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 32.5 27.1 40.7

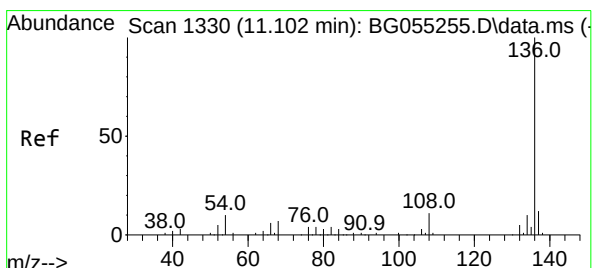
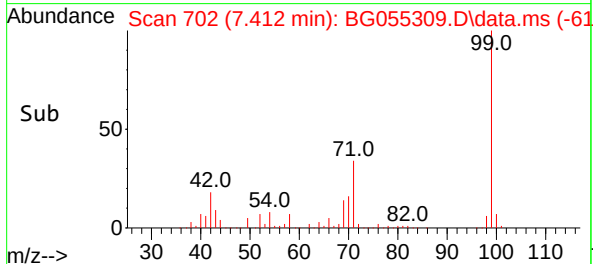
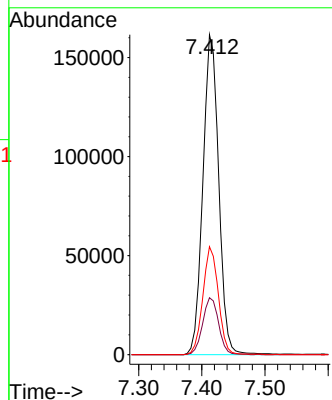
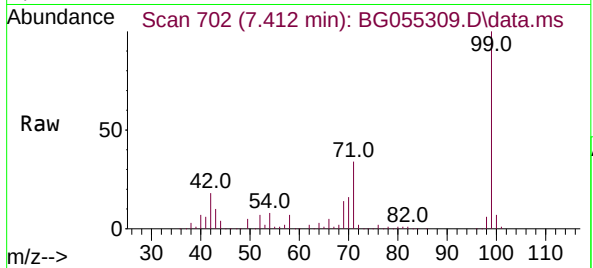




#7
Phenol-d6
Concen: 97.405 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

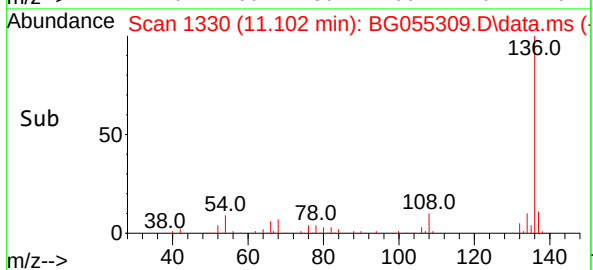
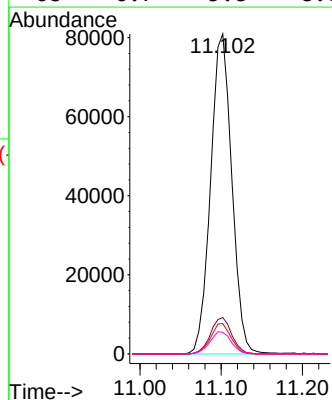
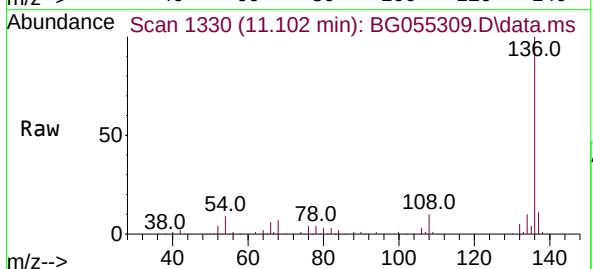
Instrument :
BNA_G
ClientSampleId :
SP-3

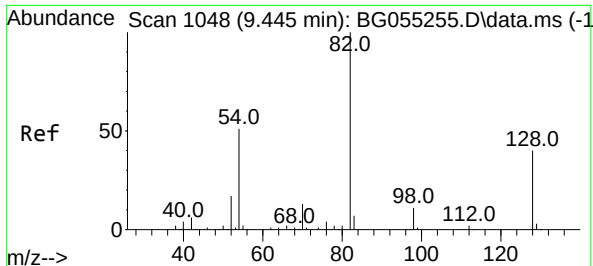
Tgt Ion: 99 Resp: 280626
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 33.7 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

Tgt Ion: 136 Resp: 146680
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.5 7.8 11.8
68 6.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 58.577 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

Instrument :

BNA_G

ClientSampleId :

SP-3

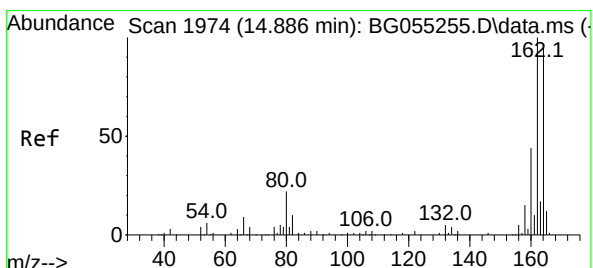
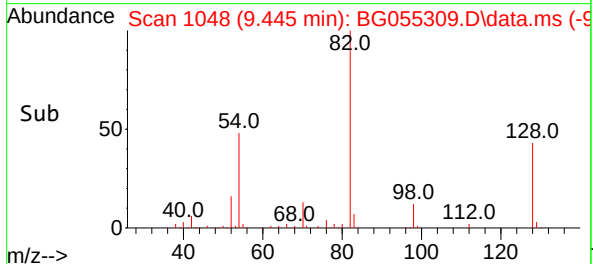
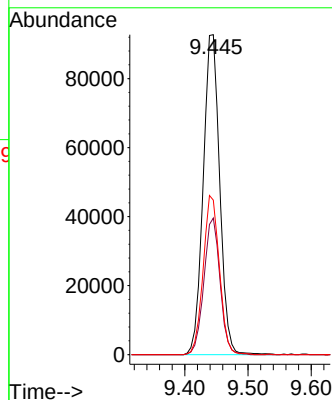
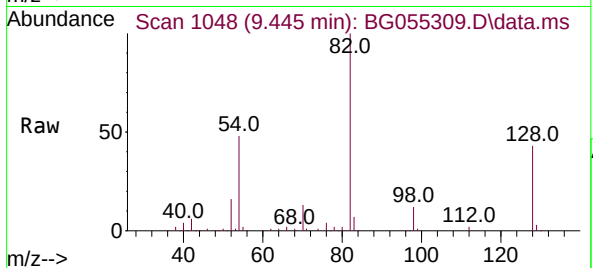
Tgt Ion: 82 Resp: 168262

Ion Ratio Lower Upper

82 100

128 42.7 32.0 48.0

54 48.3 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

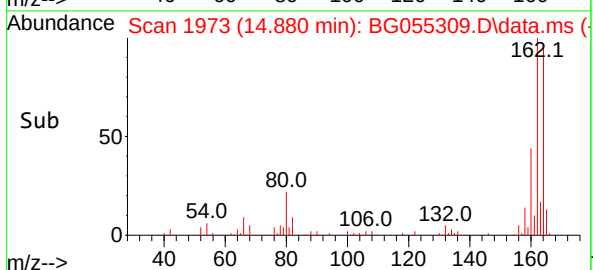
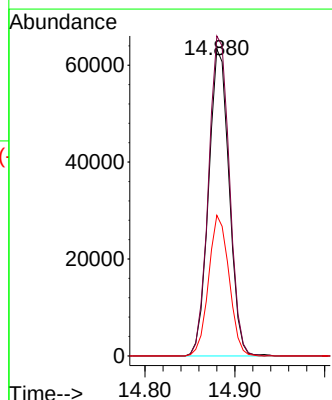
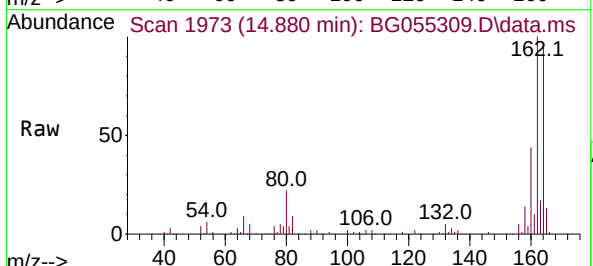
Tgt Ion:164 Resp: 100398

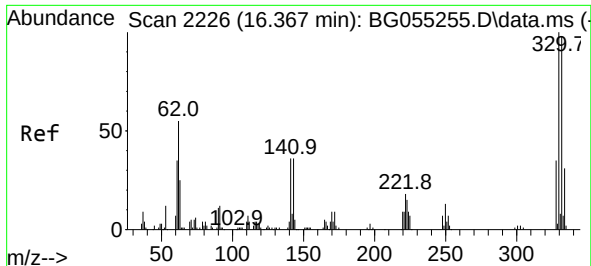
Ion Ratio Lower Upper

164 100

162 104.3 84.0 126.0

160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 101.010 ng

RT: 16.360 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

Instrument :

BNA_G

ClientSampleId :

SP-3

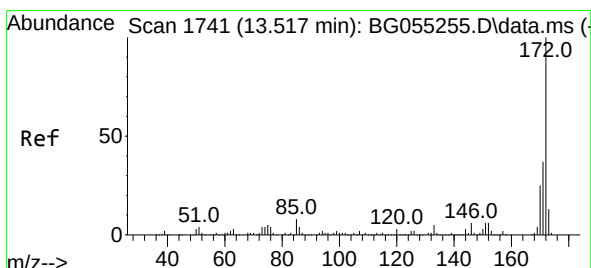
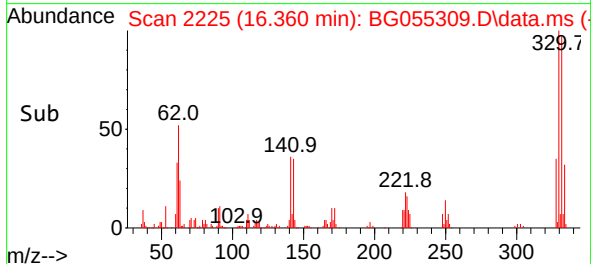
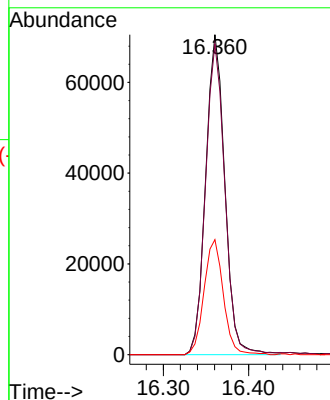
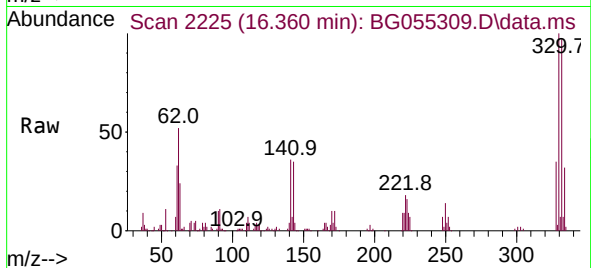
Tgt Ion:330 Resp: 110244

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 36.0 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 63.374 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG055309.D

Acq: 26 Oct 2022 22:00

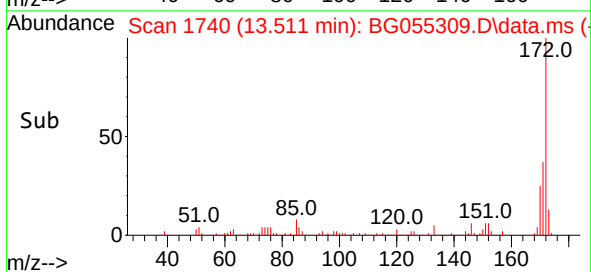
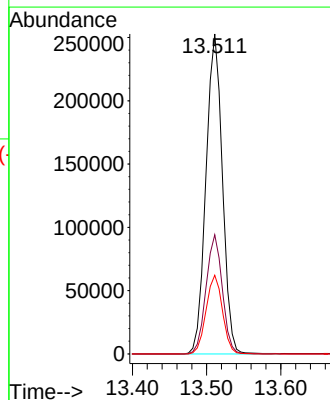
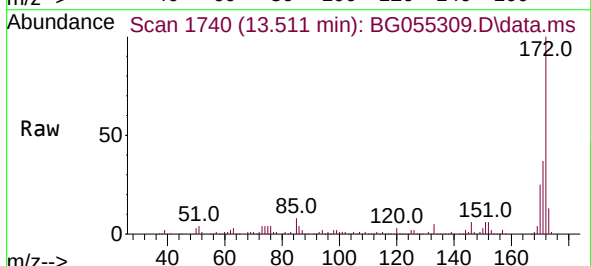
Tgt Ion:172 Resp: 388732

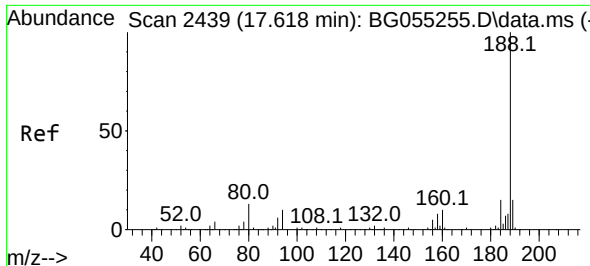
Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

170 24.6 20.2 30.2

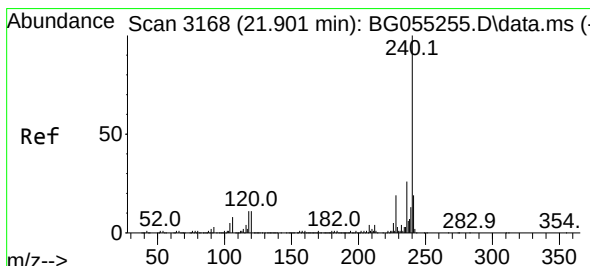
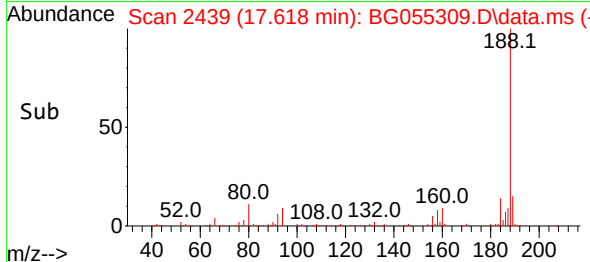
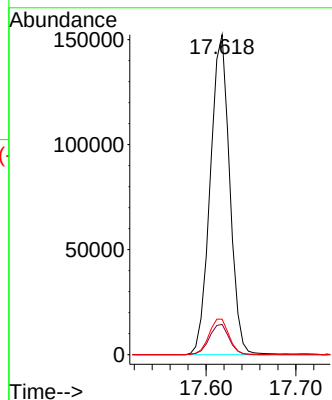
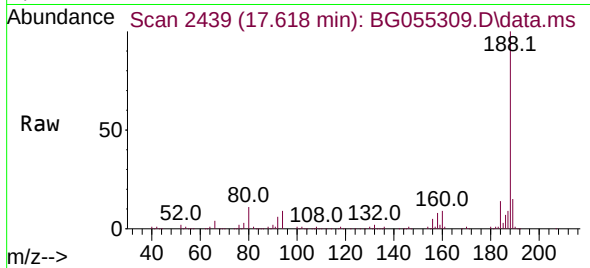




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

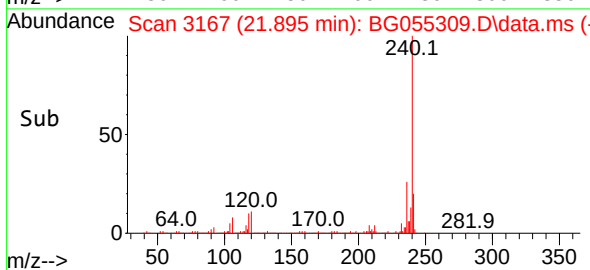
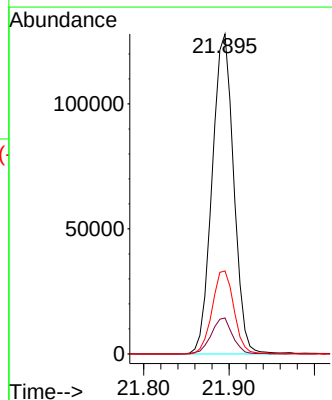
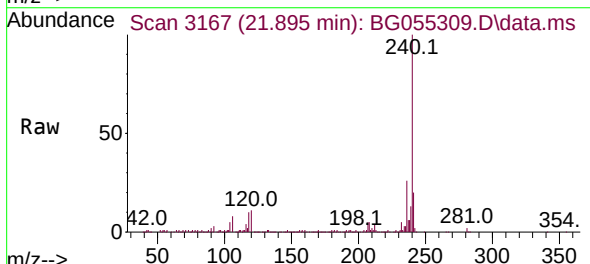
Instrument :
BNA_G
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SP-3

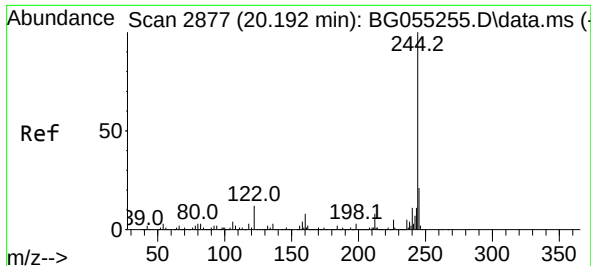
Tgt Ion:188 Resp: 229071
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 11.1 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055309.D
Acq: 26 Oct 2022 22:00

Tgt Ion:240 Resp: 224275
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 21.0 31.4

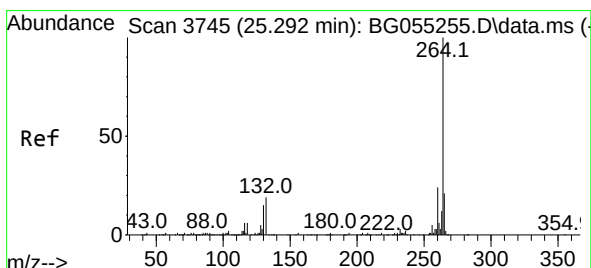
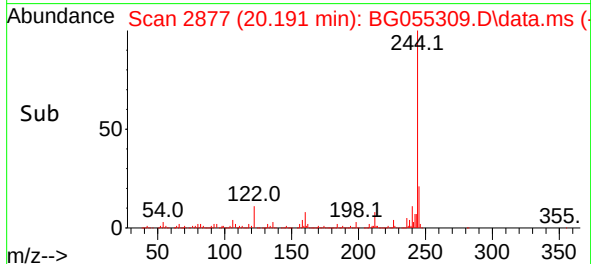
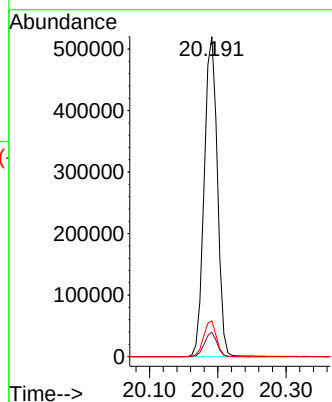
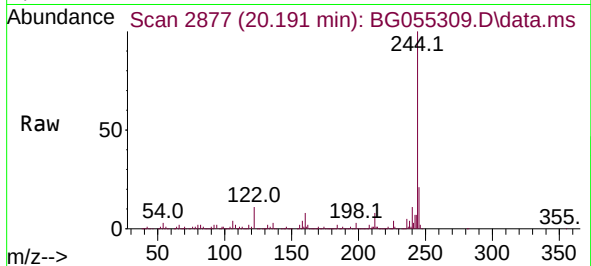




#79
 Terphenyl-d14
 Concen: 64.496 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055309.D
 Acq: 26 Oct 2022 22:00

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 696196
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3745
 Delta R.T. -0.000 min
 Lab File: BG055309.D
 Acq: 26 Oct 2022 22:00

Tgt Ion:264 Resp: 235282
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 17.4 26.2

