

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055626.D
 Acq On : 15 Nov 2022 17:43
 Operator : CG/JU
 Sample : N5562-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4C(OW)

Quant Time: Nov 16 01:43:43 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	8.259	152	49441	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	201720	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	139933	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	341025	20.000	ng	0.00
76) Chrysene-d12	21.914	240	357461	20.000	ng	0.00
86) Perylene-d12	25.333	264	376047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	150202	57.866	ng	0.00
7) Phenol-d6	7.390	99	140755	39.256	ng	0.00
23) Nitrobenzene-d5	9.428	82	292930	98.445	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	169854	124.405	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	649277	69.988	ng	0.00
79) Terphenyl-d14	20.204	244	1117169	62.773	ng	0.00

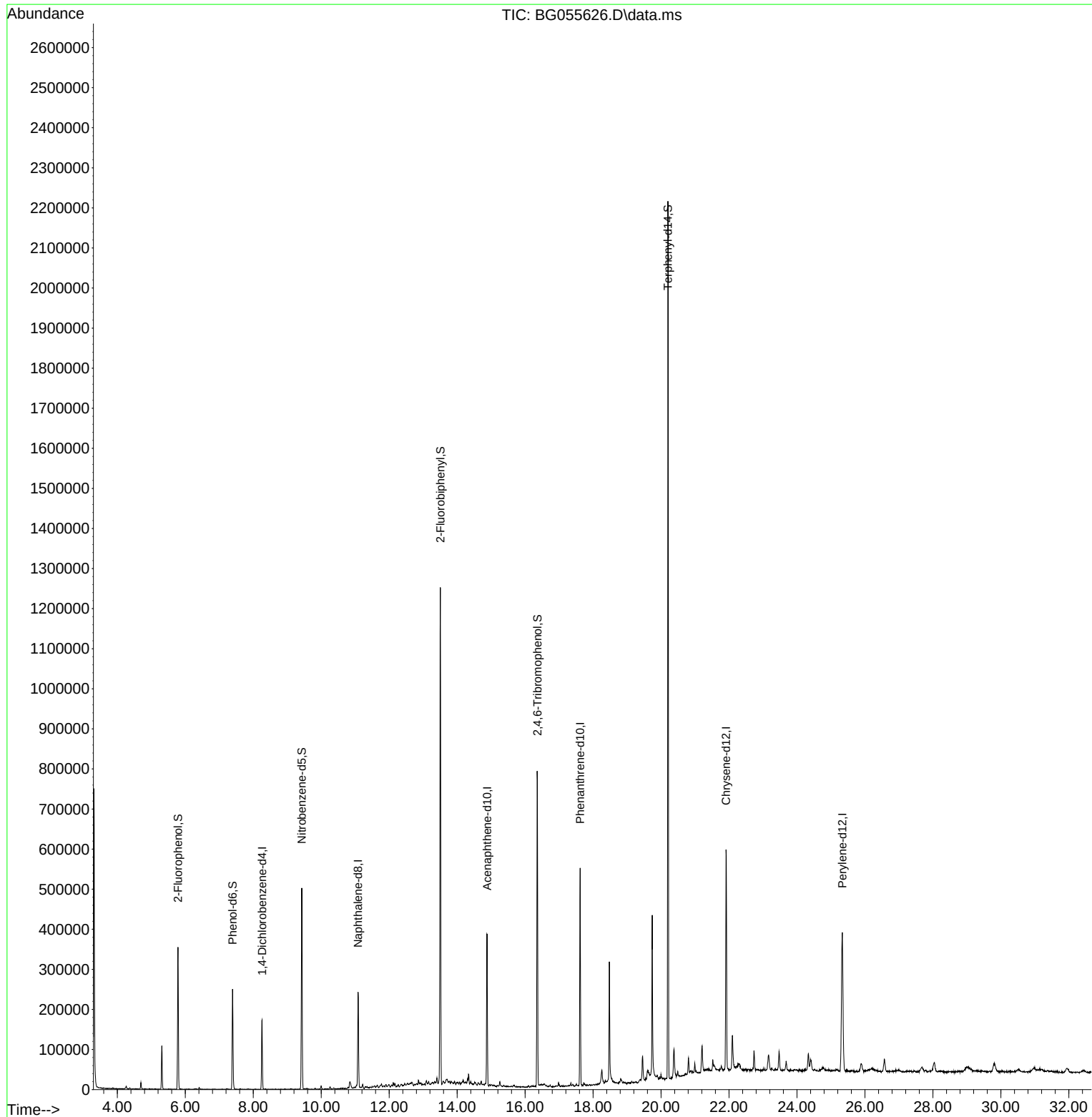
Target Compounds	Qvalue

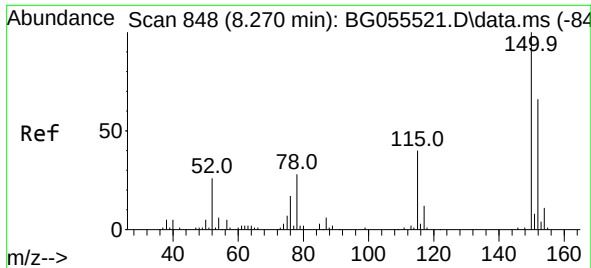
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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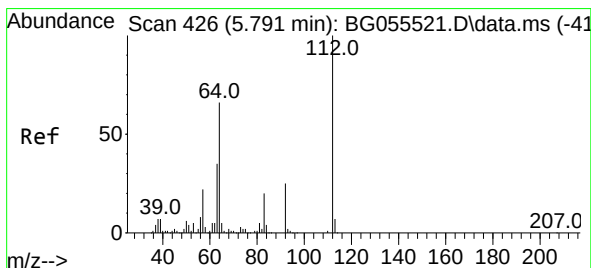
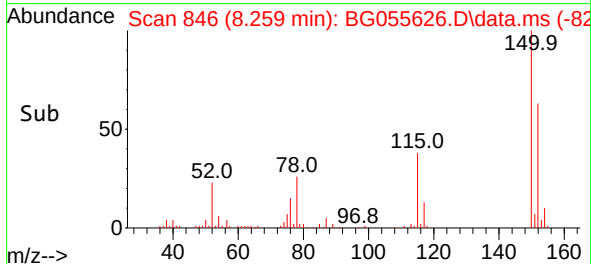
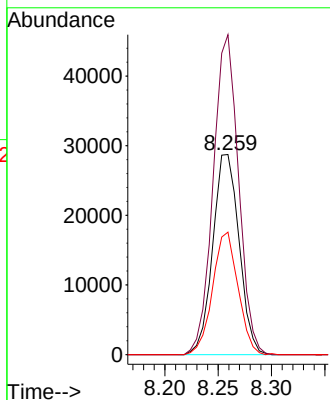
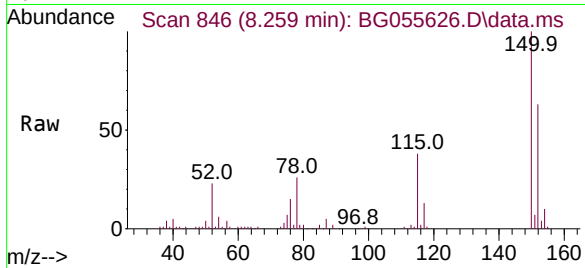




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

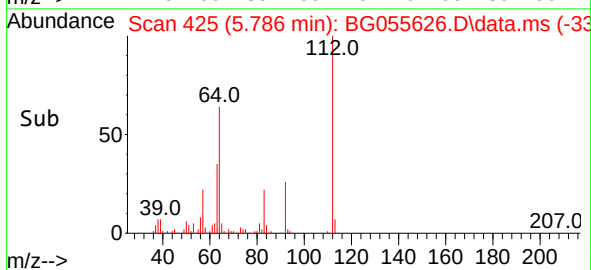
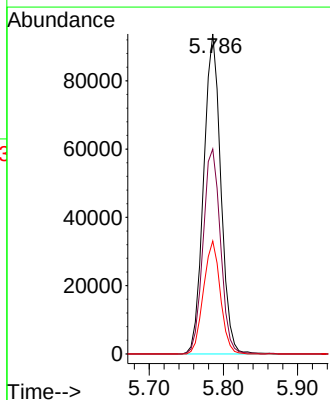
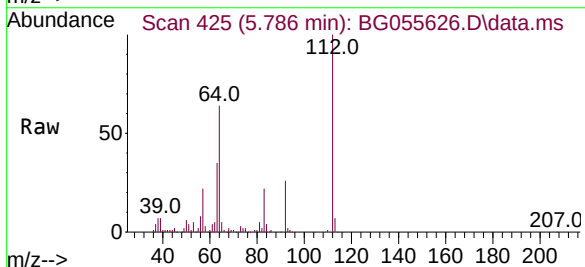
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

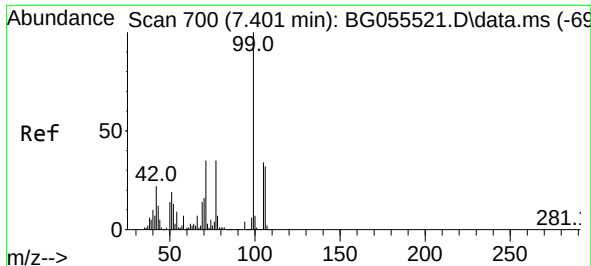
Tgt Ion:152 Resp: 49441
Ion Ratio Lower Upper
152 100
150 159.9 121.0 181.4
115 61.2 47.8 71.8



#5
2-Fluorophenol
Concen: 57.866 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.004 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:112 Resp: 150202
Ion Ratio Lower Upper
112 100
64 64.0 52.6 78.8
63 35.3 28.3 42.5

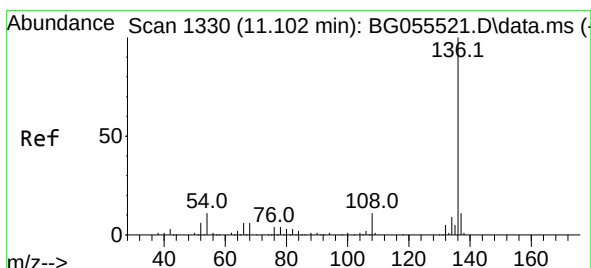
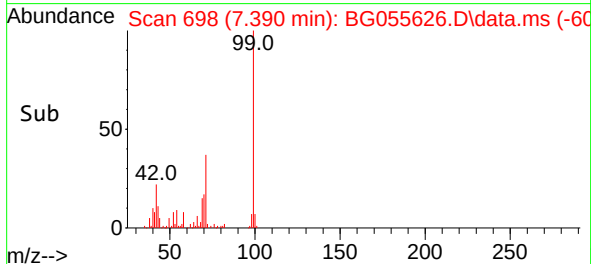
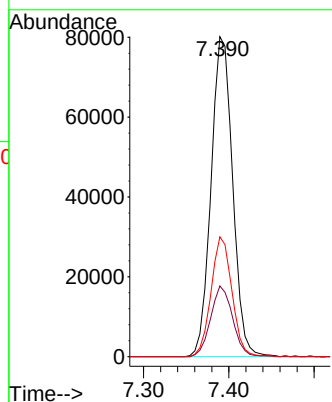
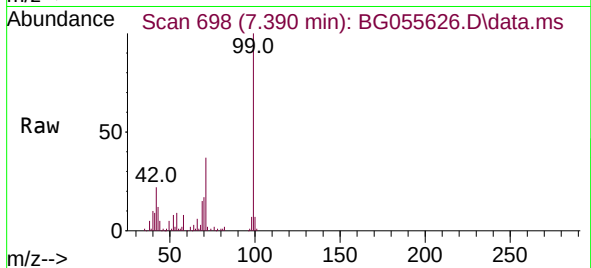




#7
Phenol-d6
Concen: 39.256 ng
RT: 7.390 min Scan# 69
Delta R.T. -0.007 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

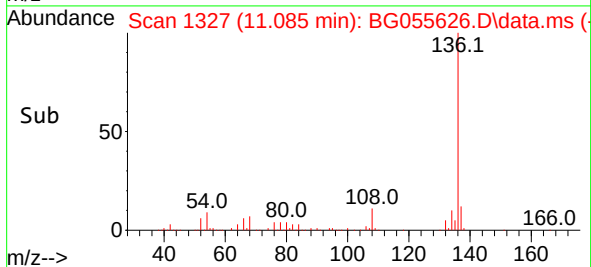
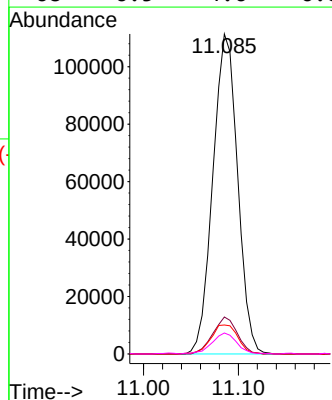
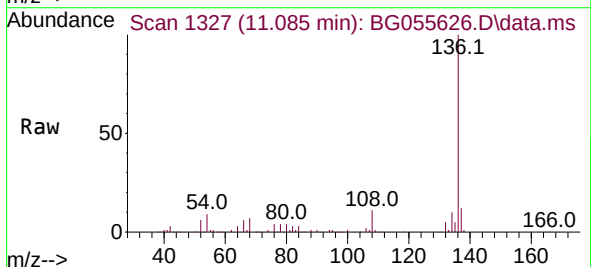
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

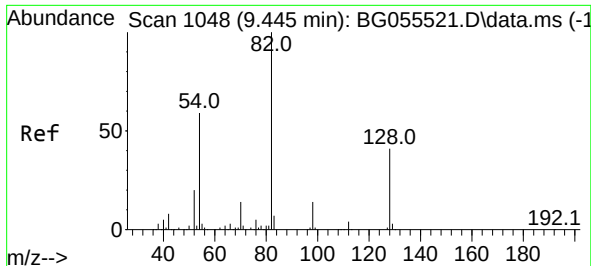
Tgt Ion: 99 Resp: 140755
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 37.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion: 136 Resp: 201720
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.0 8.6 12.8
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.445 ng

RT: 9.428 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG055626.D

Acq: 15 Nov 2022 17:43

Instrument :

BNA_G

ClientSampleId :

B-4C(OW)

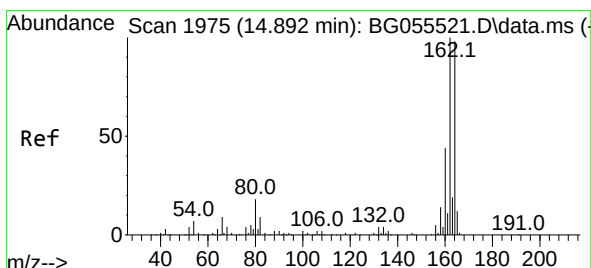
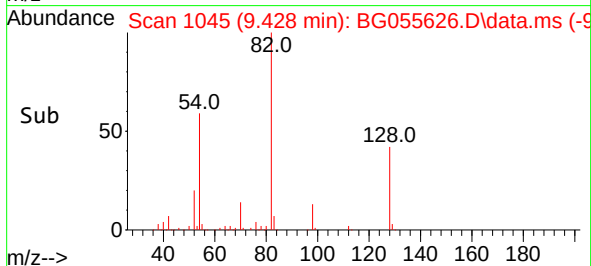
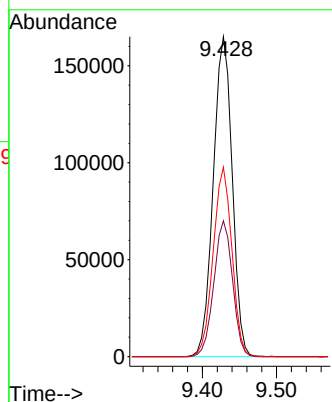
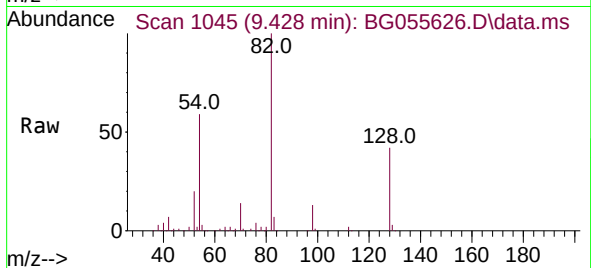
Tgt Ion: 82 Resp: 292930

Ion Ratio Lower Upper

82 100

128 42.4 32.6 49.0

54 59.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.881 min Scan# 1973

Delta R.T. -0.002 min

Lab File: BG055626.D

Acq: 15 Nov 2022 17:43

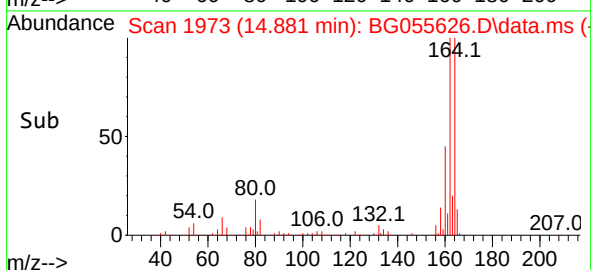
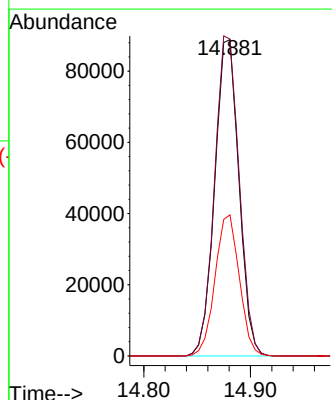
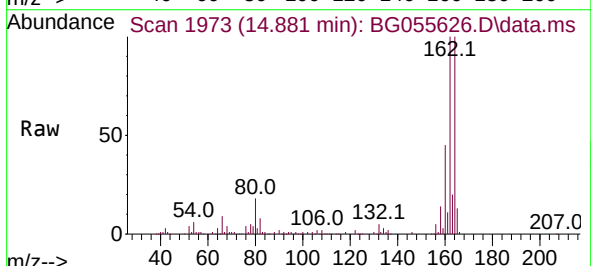
Tgt Ion: 164 Resp: 139933

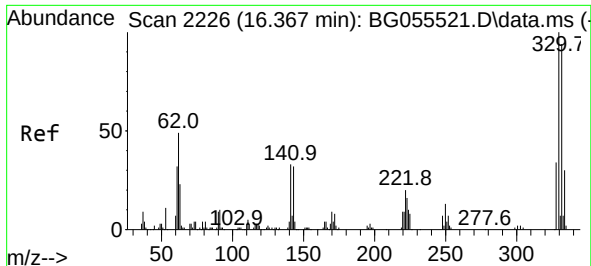
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 124.405 ng

RT: 16.361 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055626.D

Acq: 15 Nov 2022 17:43

Instrument :

BNA_G

ClientSampleId :

B-4C(OW)

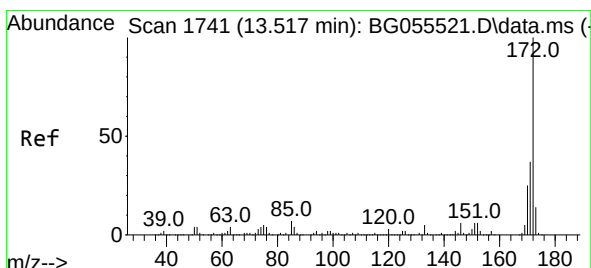
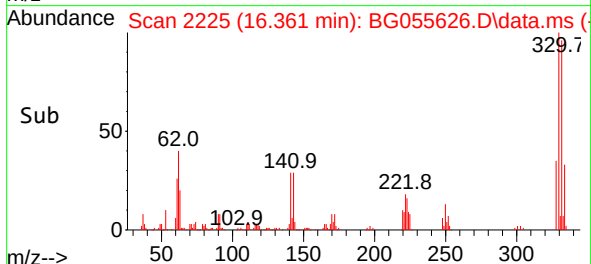
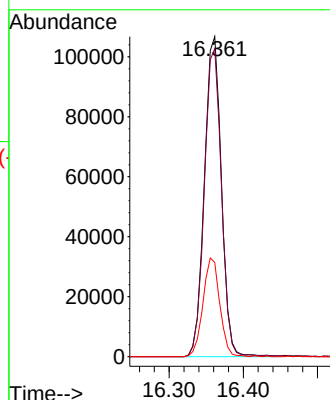
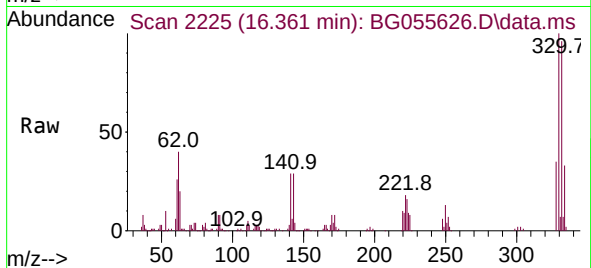
Tgt Ion:330 Resp: 169854

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 30.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 69.988 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.002 min

Lab File: BG055626.D

Acq: 15 Nov 2022 17:43

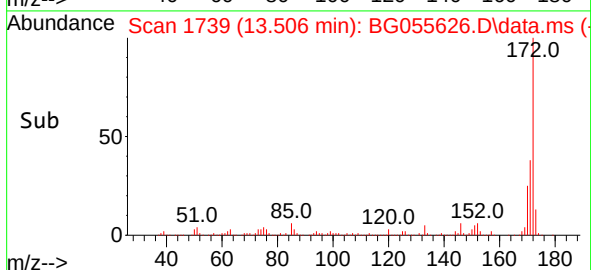
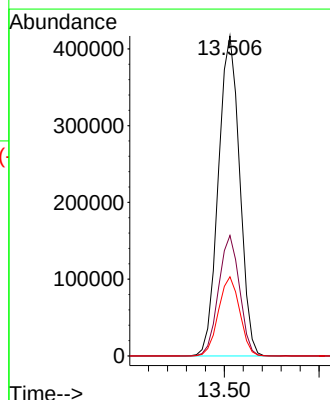
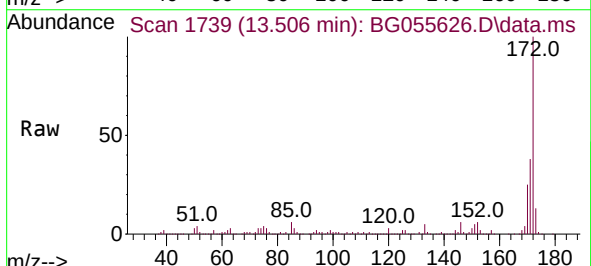
Tgt Ion:172 Resp: 649277

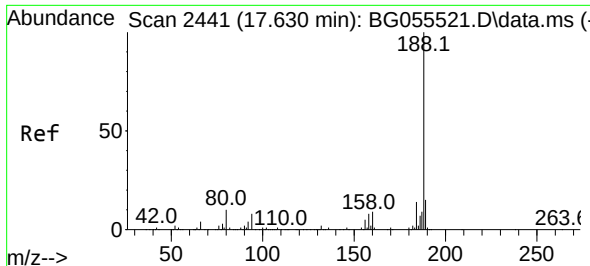
Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

170 24.7 19.8 29.6

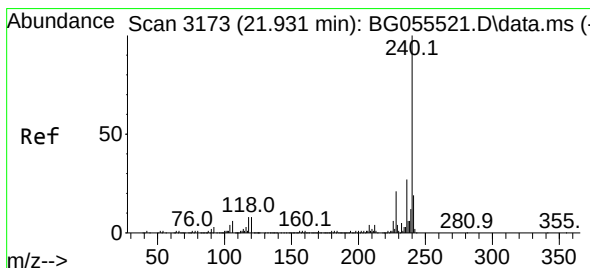
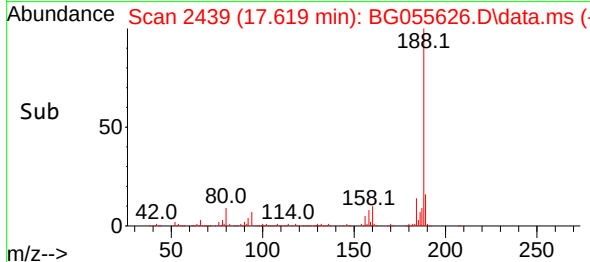
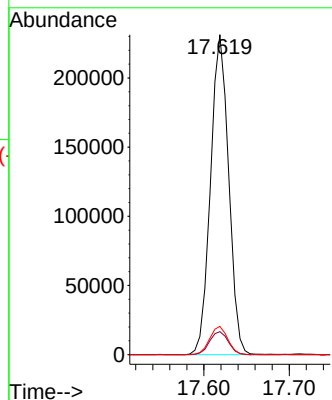
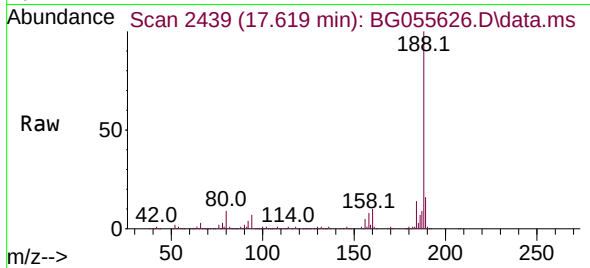




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

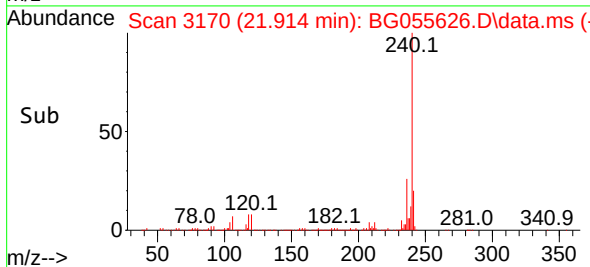
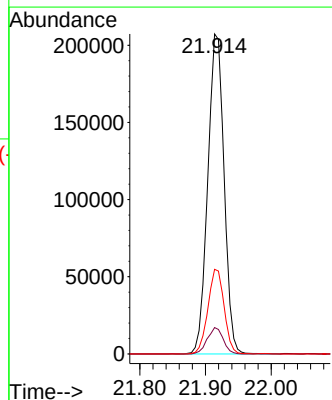
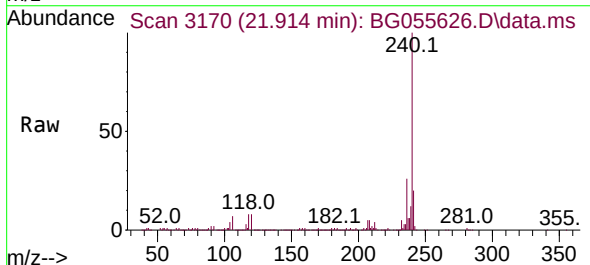
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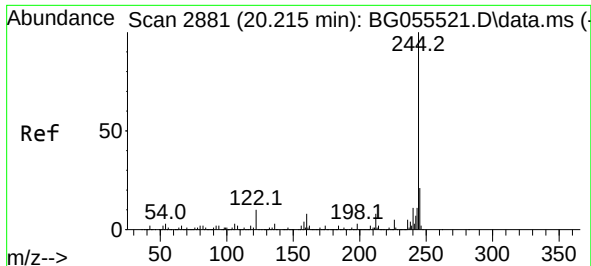
Tgt Ion:188 Resp: 341025
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:240 Resp: 357461
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 26.4 21.4 32.0

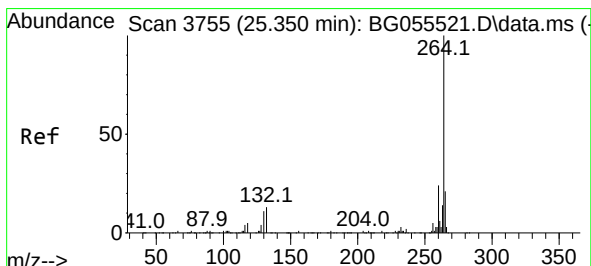
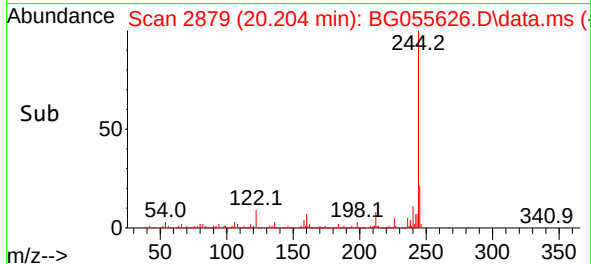
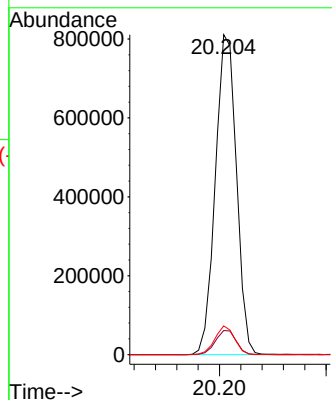
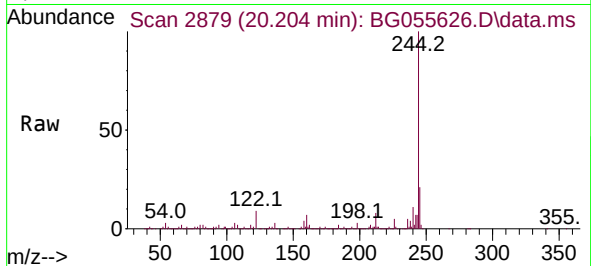




#79
 Terphenyl-d14
 Concen: 62.773 ng
 RT: 20.204 min Scan# 2881
 Delta R.T. -0.007 min
 Lab File: BG055626.D
 Acq: 15 Nov 2022 17:43

Instrument :
 BNA_G
 ClientSampleId :
 B-4C(OW)

Tgt Ion:244 Resp: 1117169
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3752
 Delta R.T. -0.002 min
 Lab File: BG055626.D
 Acq: 15 Nov 2022 17:43

Tgt Ion:264 Resp: 376047
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.1 25.7

