

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055704.D
 Acq On : 19 Nov 2022 00:24
 Operator : CG/JU
 Sample : N5686-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-2-111722

Quant Time: Nov 19 01:03:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	56660	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	227625	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	146058	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	303466	20.000	ng	0.00
76) Chrysene-d12	21.919	240	282050	20.000	ng	0.00
86) Perylene-d12	25.345	264	242190	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	196709	62.752	ng	0.00
7) Phenol-d6	7.401	99	257621	61.739	ng	0.01
23) Nitrobenzene-d5	9.422	82	163834	38.042	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	120706	58.690	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	390723	40.077	ng	0.00
79) Terphenyl-d14	20.204	244	564678	40.044	ng	0.00

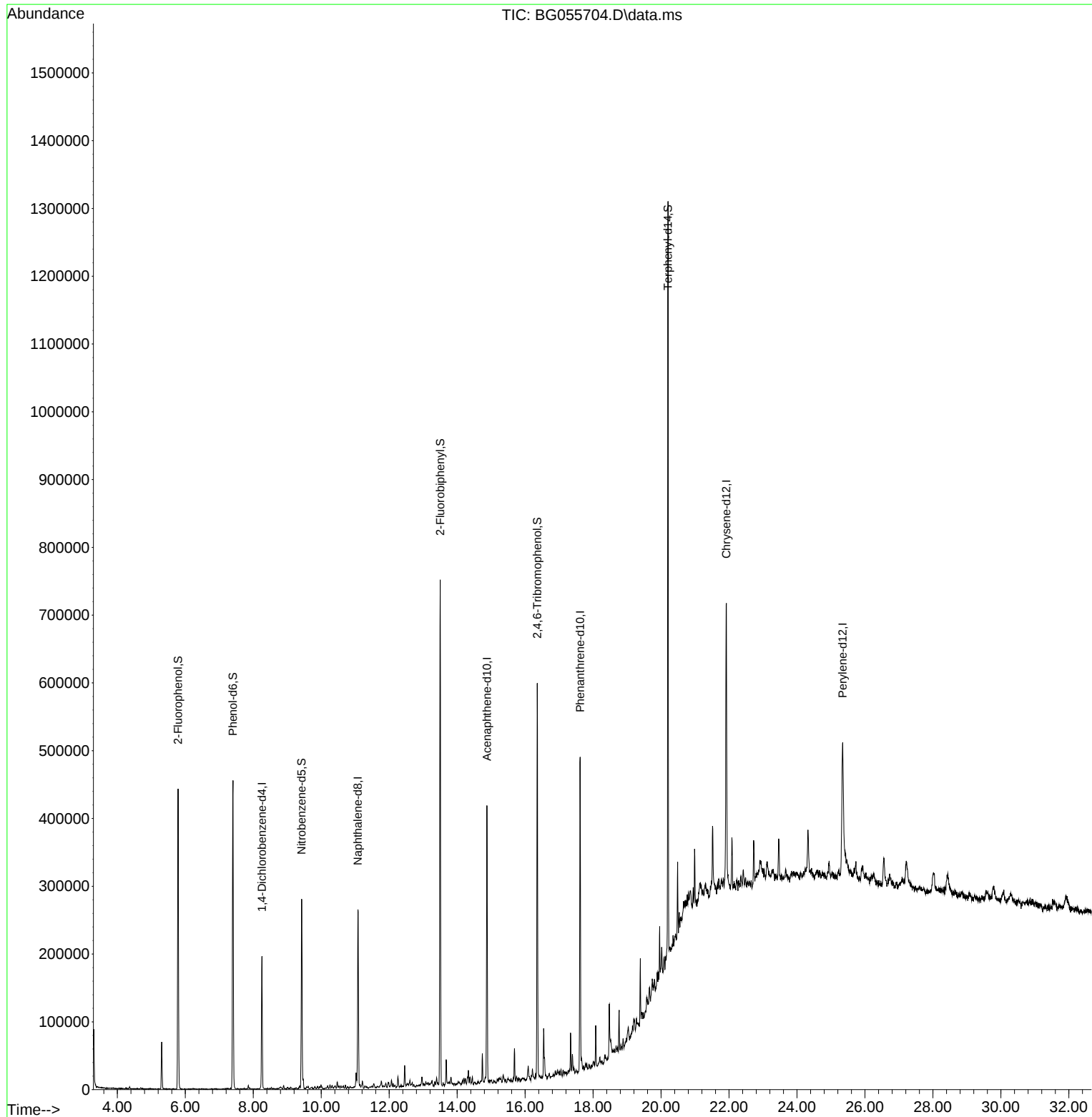
Target Compounds	Qvalue

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

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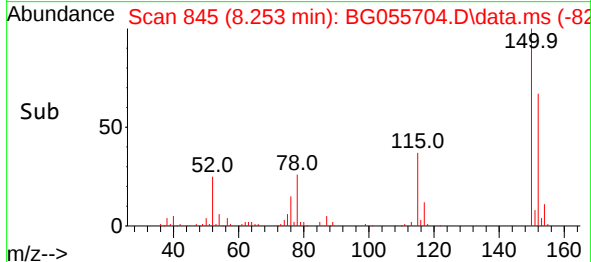
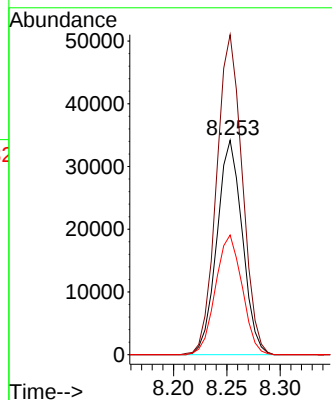
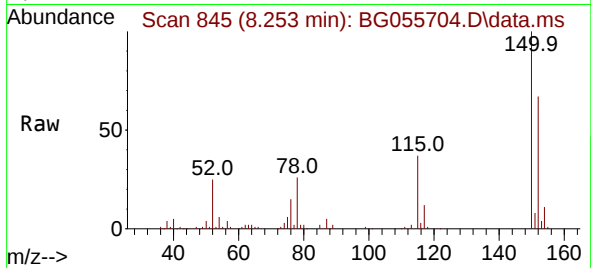




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

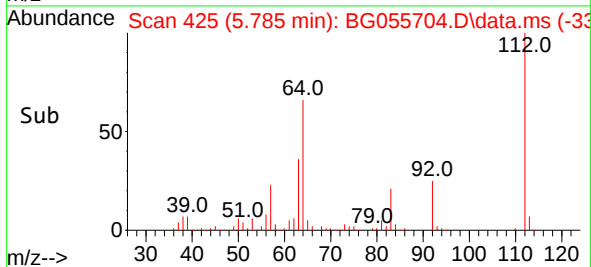
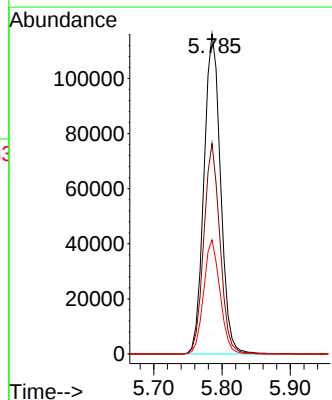
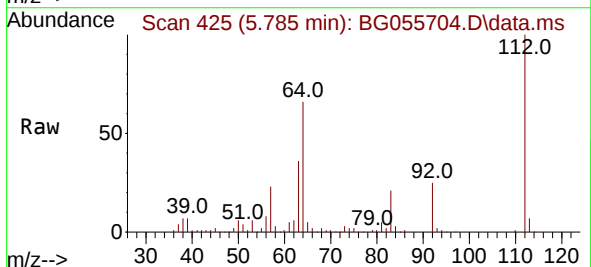
Instrument :
BNA_G
ClientSampleId :
OK-2-111722

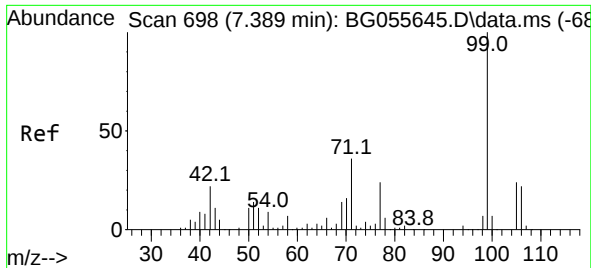
Tgt Ion:152 Resp: 56660
Ion Ratio Lower Upper
152 100
150 149.3 123.0 184.6
115 55.8 47.0 70.4



#5
2-Fluorophenol
Concen: 62.752 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.006 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

Tgt Ion:112 Resp: 196709
Ion Ratio Lower Upper
112 100
64 65.8 50.6 76.0
63 35.6 27.5 41.3

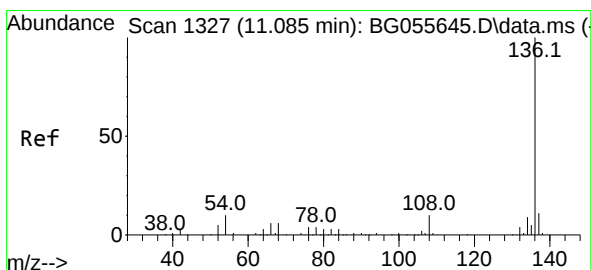
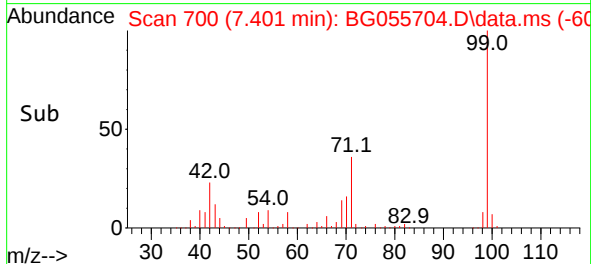
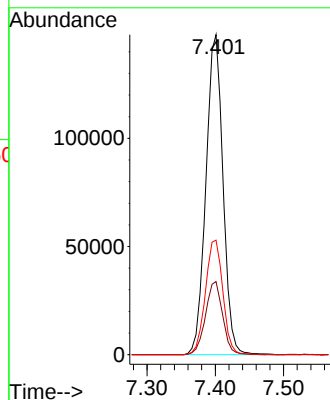
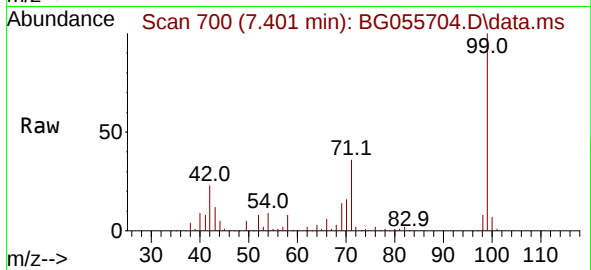




#7
Phenol-d6
Concen: 61.739 ng
RT: 7.401 min Scan# 70
Delta R.T. 0.012 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

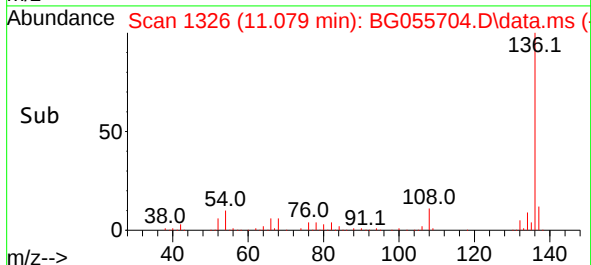
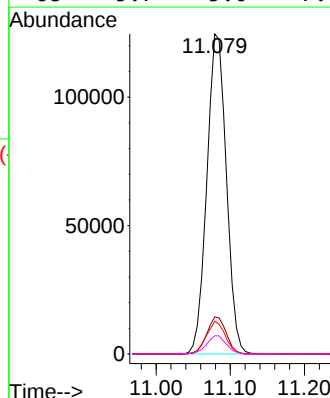
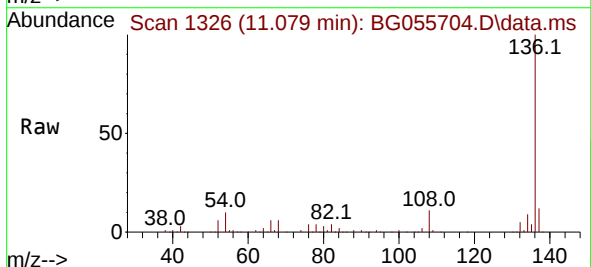
Instrument :
BNA_G
ClientSampleId :
OK-2-111722

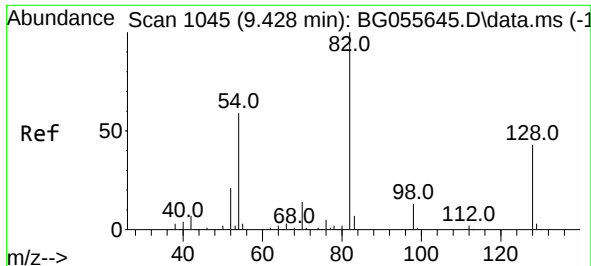
Tgt Ion: 99 Resp: 257621
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 35.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

Tgt Ion: 136 Resp: 227625
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.3 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 38.042 ng

RT: 9.422 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

Instrument :

BNA_G

ClientSampleId :

OK-2-111722

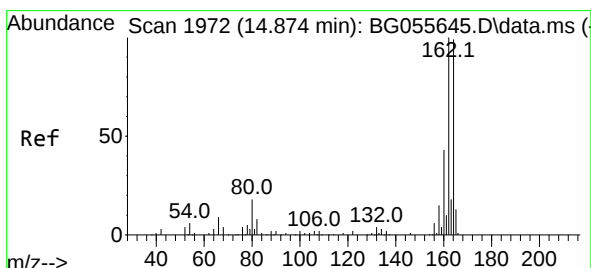
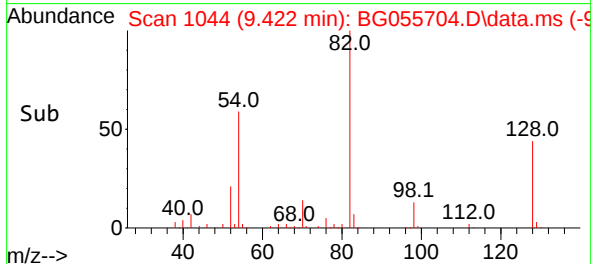
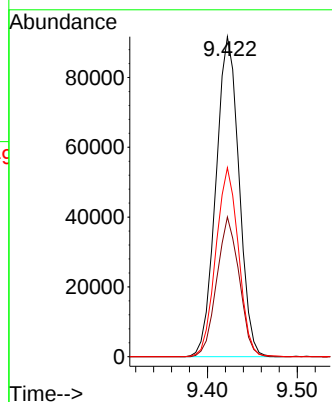
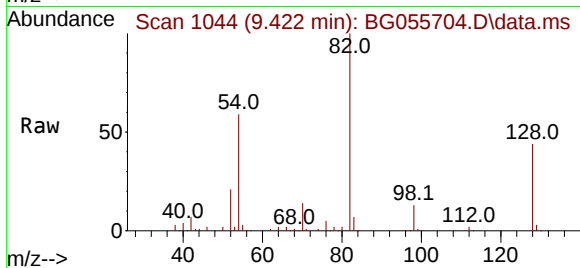
Tgt Ion: 82 Resp: 163834

Ion Ratio Lower Upper

82 100

128 43.7 34.1 51.1

54 59.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

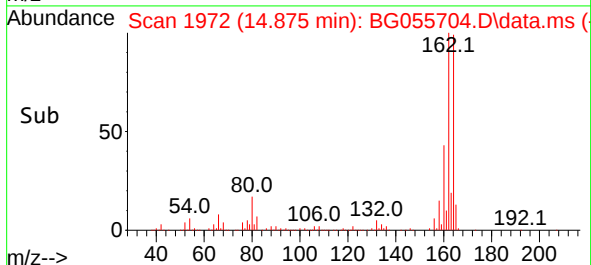
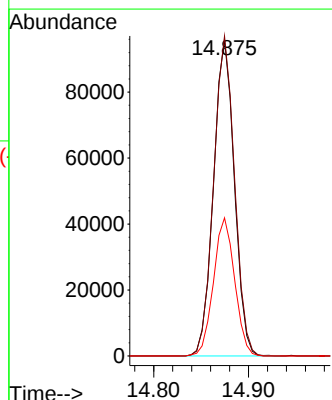
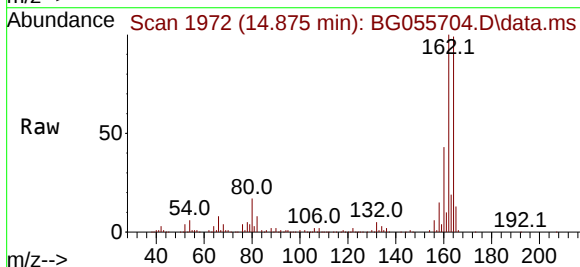
Tgt Ion:164 Resp: 146058

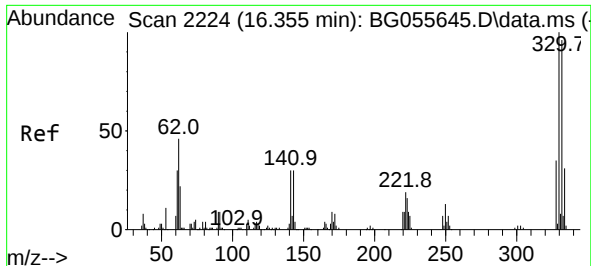
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

160 43.6 34.8 52.2

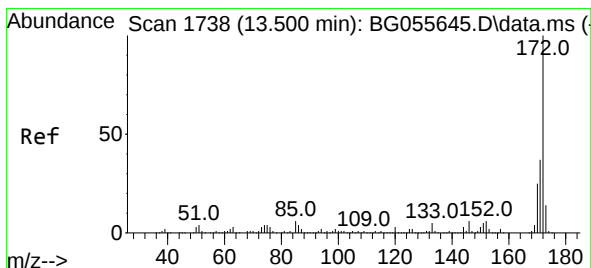
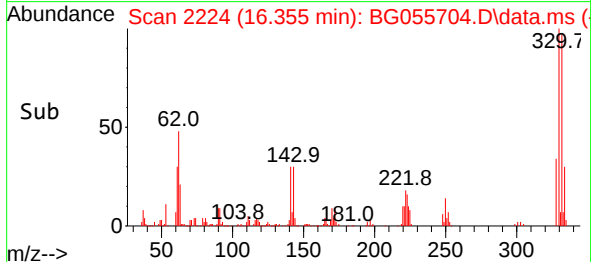
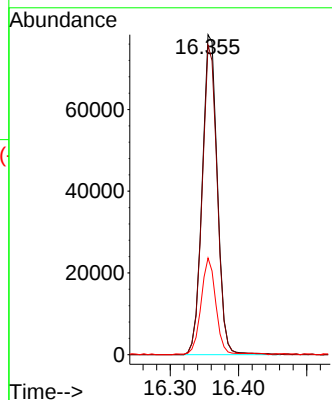
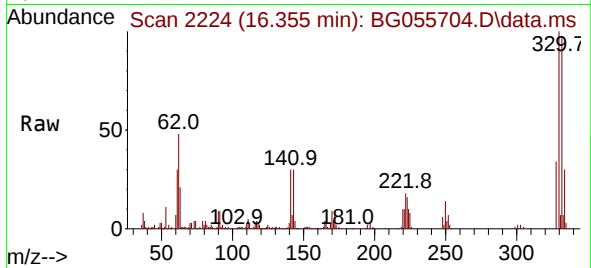




#42
2,4,6-Tribromophenol
Concen: 58.690 ng
RT: 16.355 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

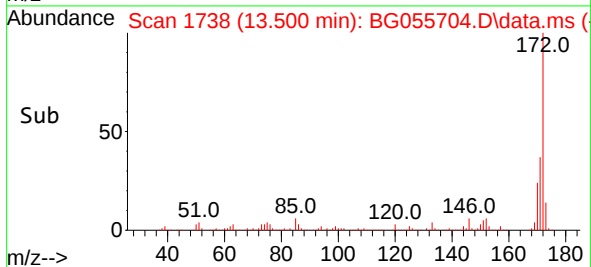
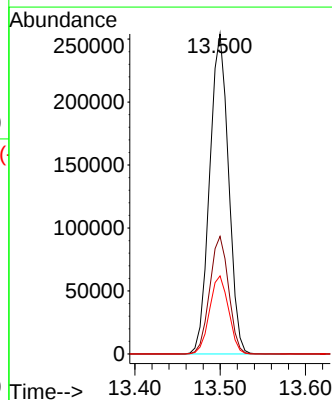
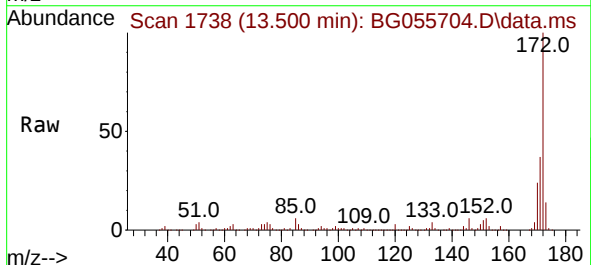
Instrument :
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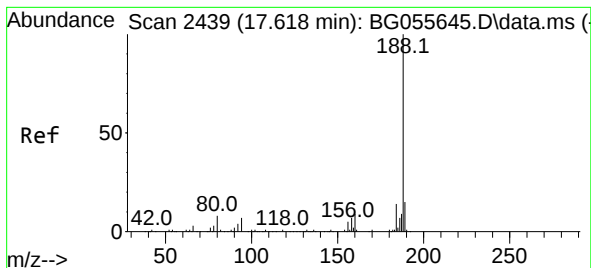
Tgt Ion:330 Resp: 120706
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 30.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 40.077 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BG055704.D
Acq: 19 Nov 2022 00:24

Tgt Ion:172 Resp: 390723
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.4 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

Instrument :

BNA_G

ClientSampleId :

OK-2-111722

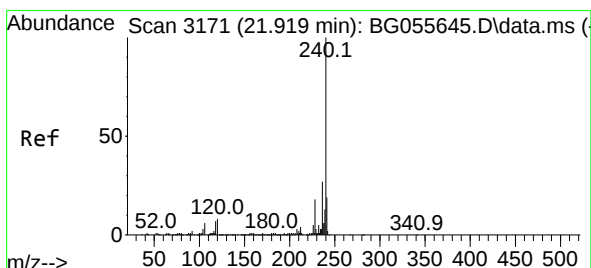
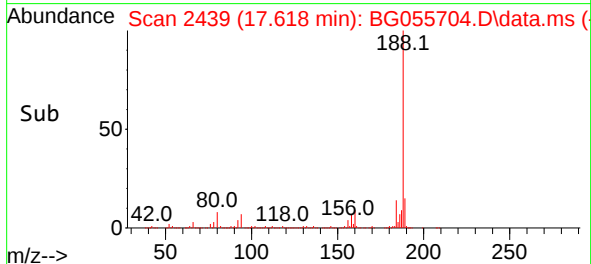
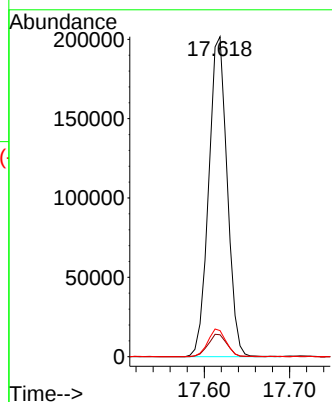
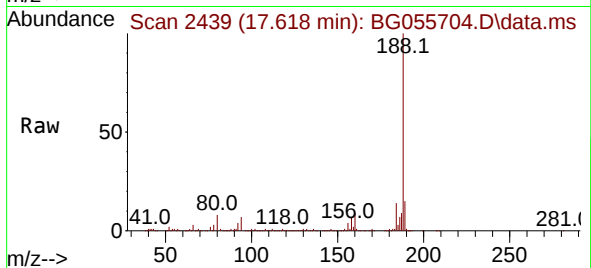
Tgt Ion:188 Resp: 303466

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 8.2 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3171

Delta R.T. 0.000 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

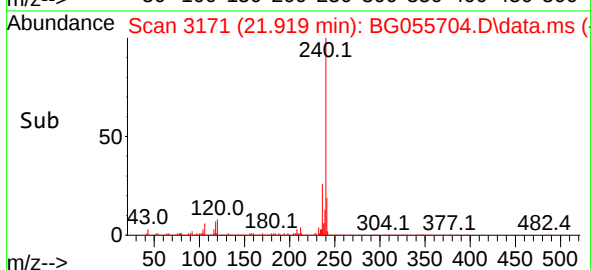
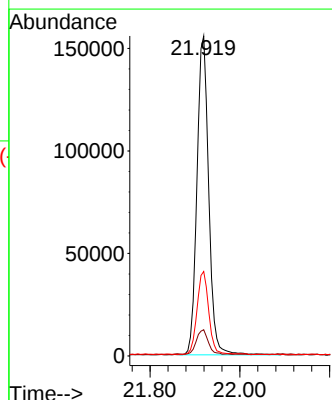
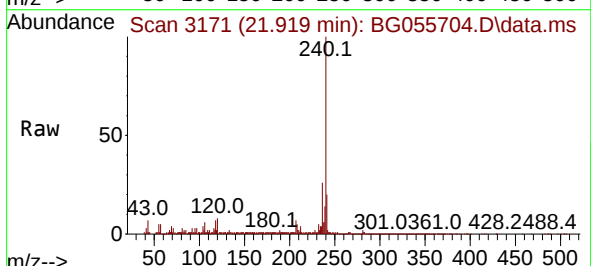
Tgt Ion:240 Resp: 282050

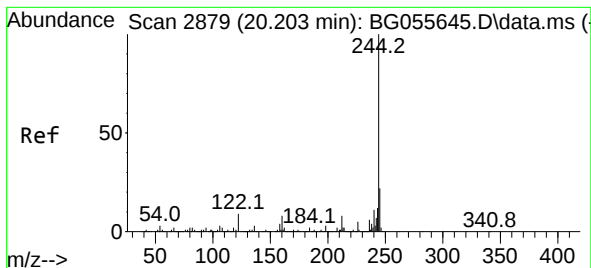
Ion Ratio Lower Upper

240 100

120 8.2 6.3 9.5

236 26.4 21.9 32.9





#79

Terphenyl-d14

Concen: 40.044 ng

RT: 20.204 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

Instrument :

BNA_G

ClientSampleId :

OK-2-111722

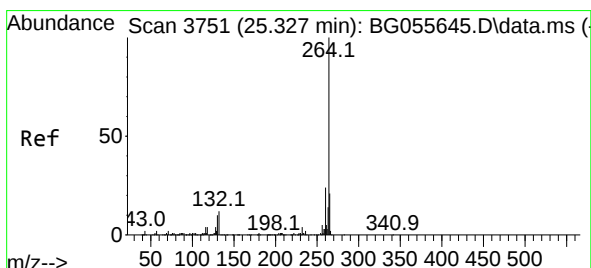
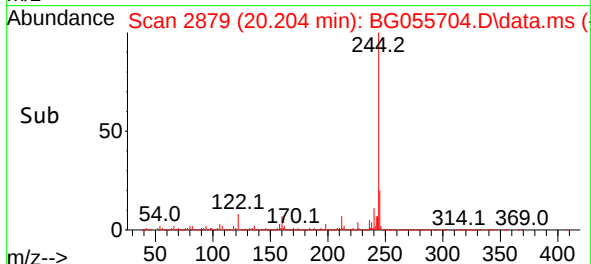
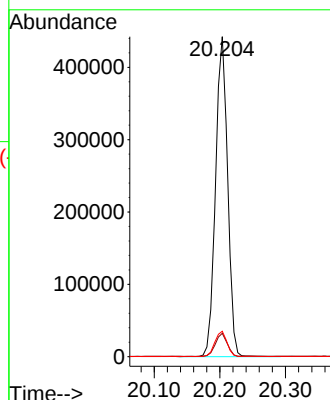
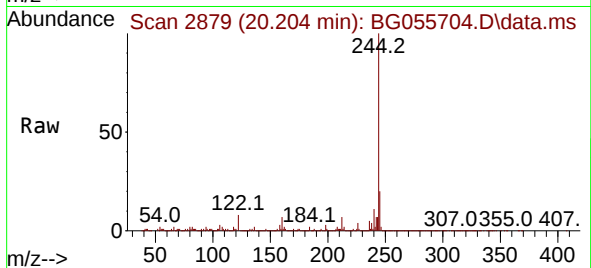
Tgt Ion:244 Resp: 564678

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 7.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.345 min Scan# 3754

Delta R.T. 0.018 min

Lab File: BG055704.D

Acq: 19 Nov 2022 00:24

Tgt Ion:264 Resp: 242190

Ion Ratio Lower Upper

264 100

260 25.9 19.5 29.3

265 23.2 17.1 25.7

