

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055548.D
 Acq On : 10 Nov 2022 20:57
 Operator : CG/JU
 Sample : N5495-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29B

Quant Time: Nov 11 02:02:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	46555	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	188187	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	127167	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	305871	20.000	ng	0.00
76) Chrysene-d12	21.920	240	304654	20.000	ng	-0.01
86) Perylene-d12	25.340	264	316740	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	358123	146.520	ng	0.00
7) Phenol-d6	7.402	99	463377	137.247	ng	0.00
23) Nitrobenzene-d5	9.435	82	273178	98.409	ng	-0.01
42) 2,4,6-Tribromophenol	16.368	330	203834	164.280	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	662570	78.591	ng	0.00
79) Terphenyl-d14	20.216	244	1173582	77.373	ng	0.00

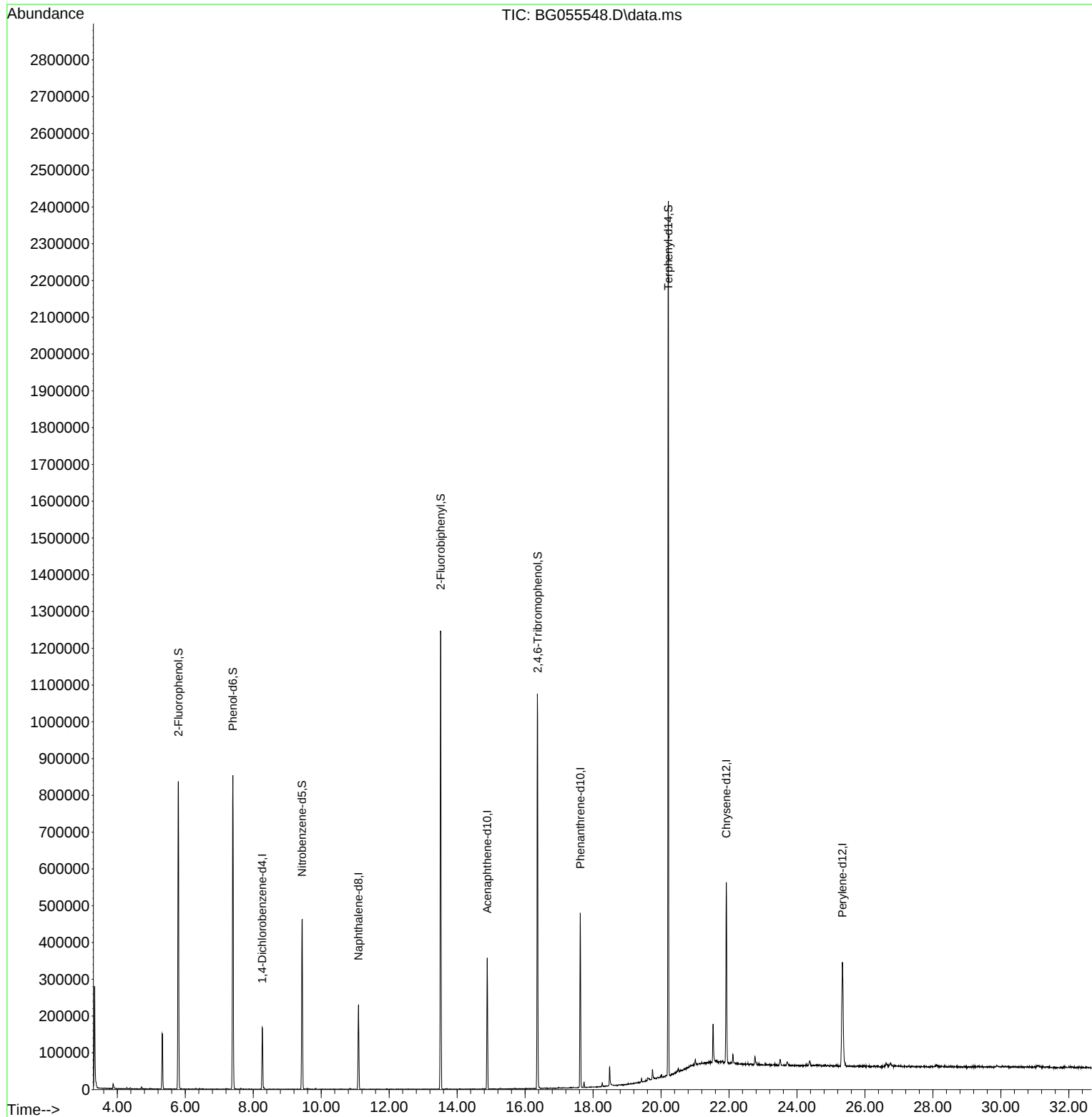
Target Compounds Qvalue

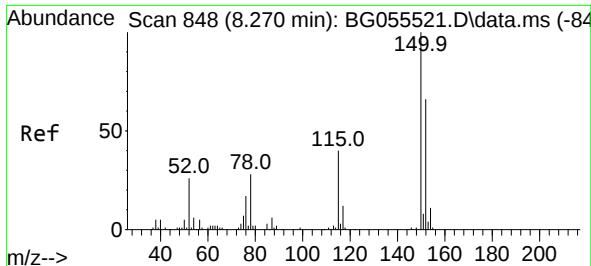
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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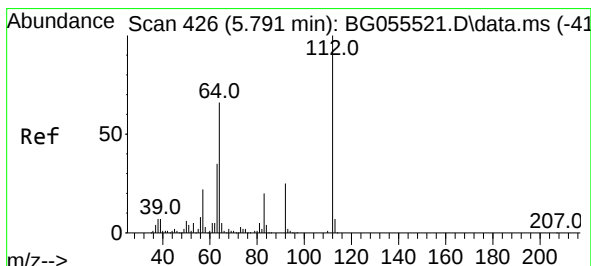
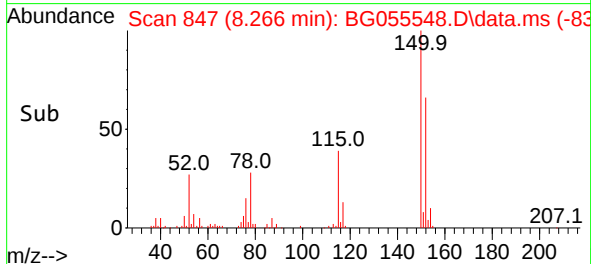
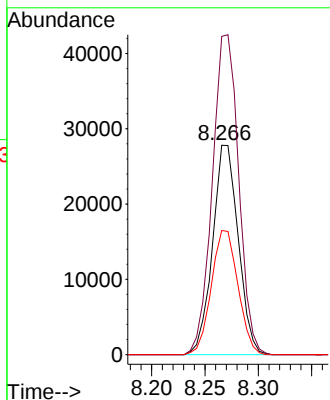
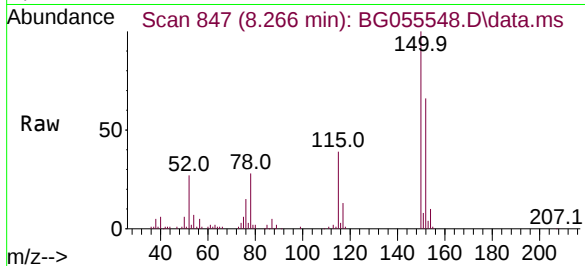




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.266 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

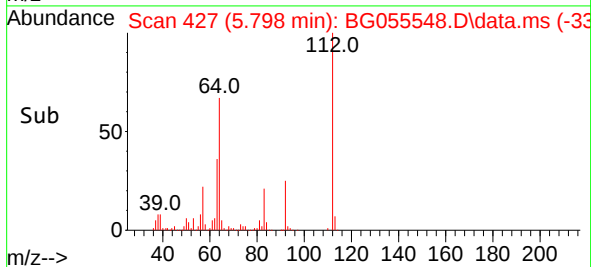
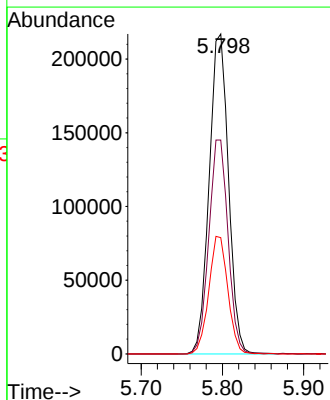
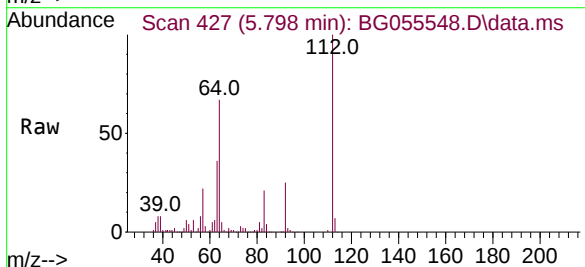
Instrument :
BNA_G
ClientSampleId :
SB-29B

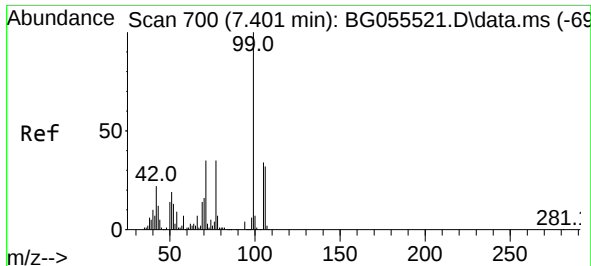
Tgt Ion:152 Resp: 46555
Ion Ratio Lower Upper
152 100
150 152.0 121.0 181.4
115 59.2 47.8 71.8



#5
2-Fluorophenol
Concen: 146.520 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:112 Resp: 358123
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 36.3 28.3 42.5

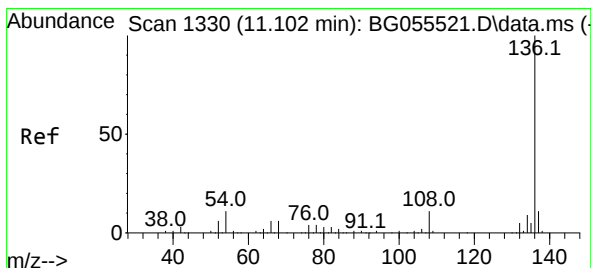
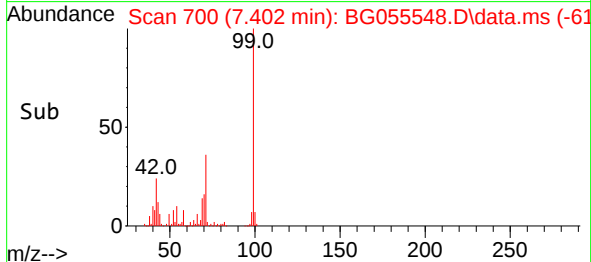
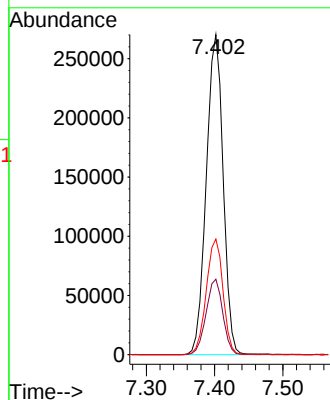
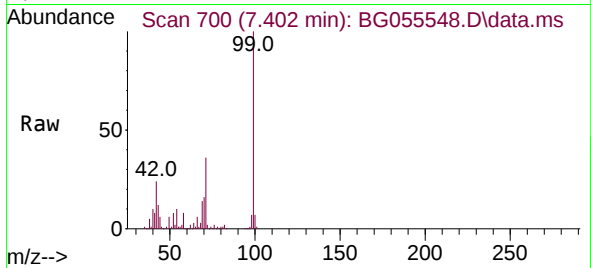




#7
Phenol-d6
Concen: 137.247 ng
RT: 7.402 min Scan# 700
Delta R.T. 0.001 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

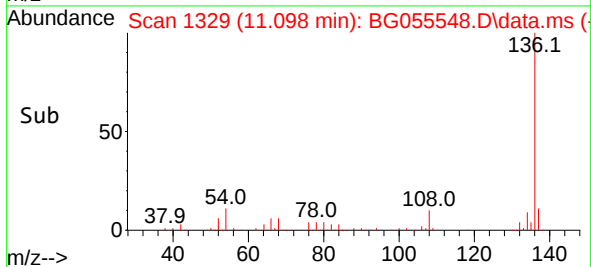
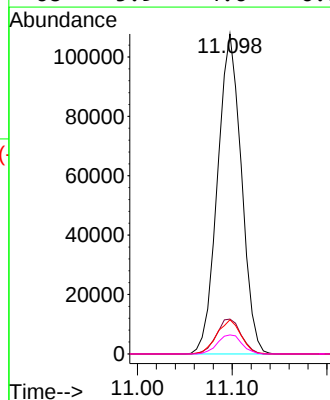
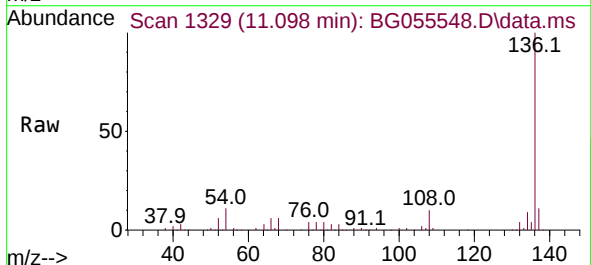
Instrument :
BNA_G
ClientSampleId :
SB-29B

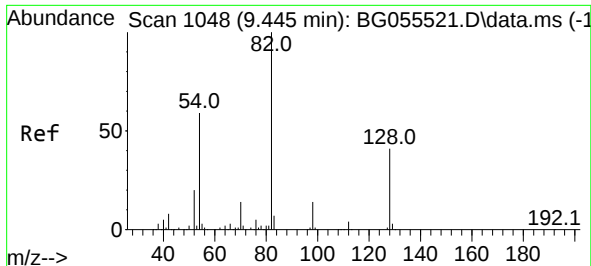
Tgt Ion: 99 Resp: 463377
Ion Ratio Lower Upper
99 100
42 23.6 17.5 26.3
71 36.1 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion: 136 Resp: 188187
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.7 8.6 12.8
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.409 ng

RT: 9.435 min Scan# 1046

Delta R.T. -0.010 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

Instrument :

BNA_G

ClientSampleId :

SB-29B

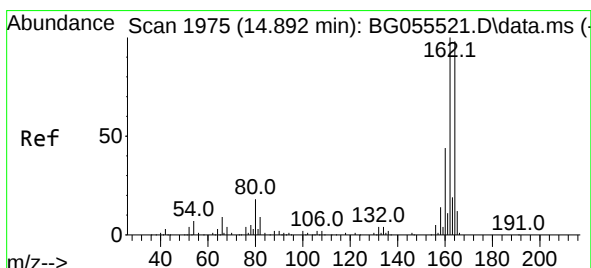
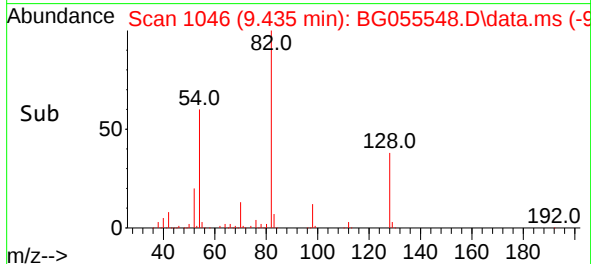
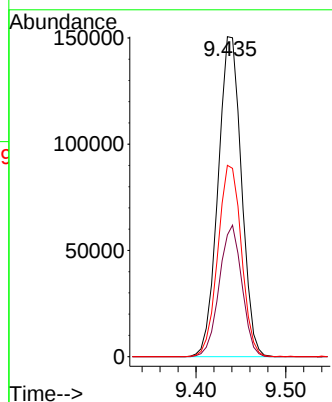
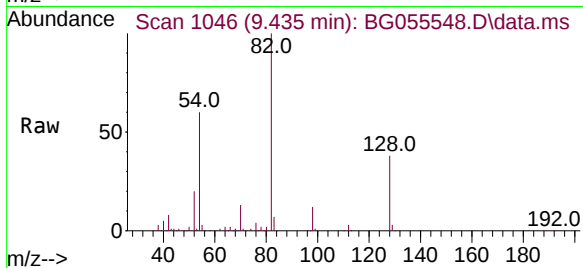
Tgt Ion: 82 Resp: 273178

Ion Ratio Lower Upper

82 100

128 38.0 32.6 49.0

54 59.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

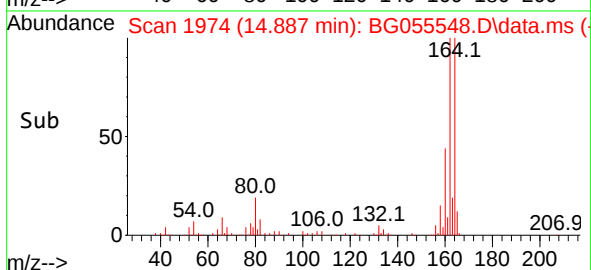
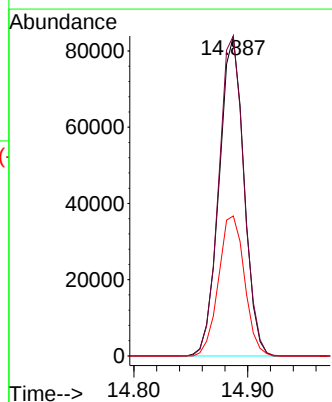
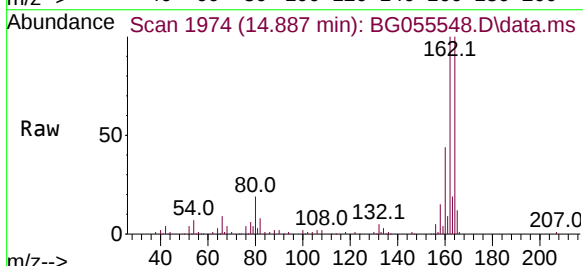
Tgt Ion: 164 Resp: 127167

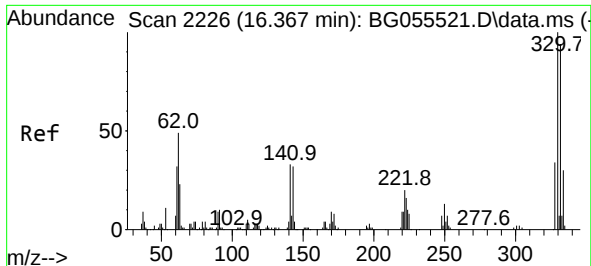
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 43.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 164.280 ng

RT: 16.368 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

Instrument :

BNA_G

ClientSampleId :

SB-29B

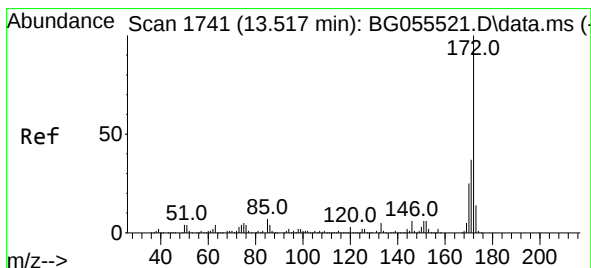
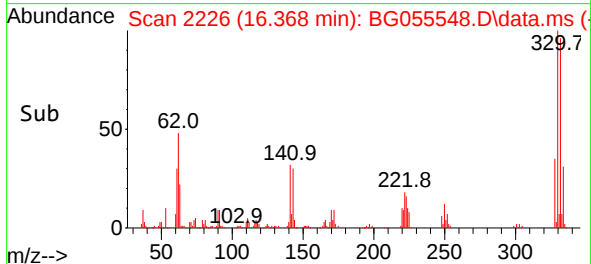
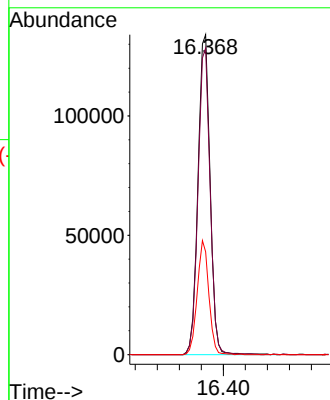
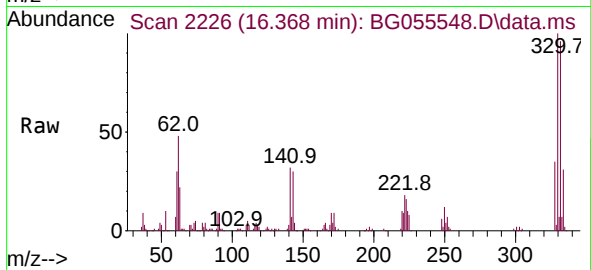
Tgt Ion:330 Resp: 203834

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

141 34.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 78.591 ng

RT: 13.518 min Scan# 1741

Delta R.T. 0.001 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

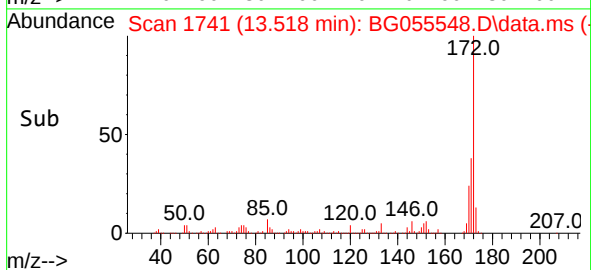
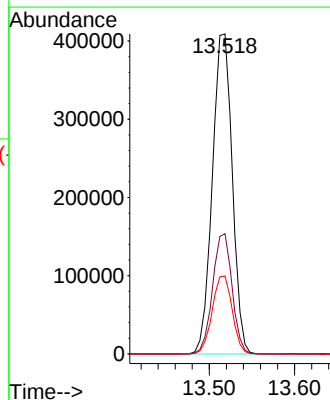
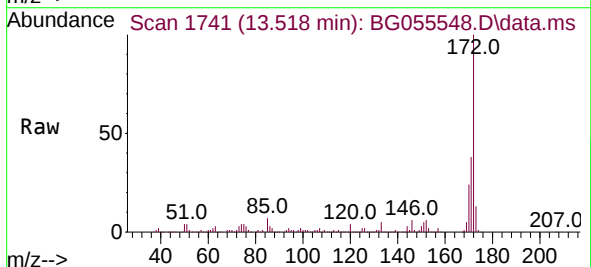
Tgt Ion:172 Resp: 662570

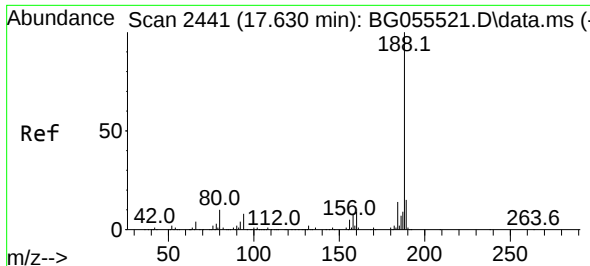
Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

170 24.4 19.8 29.6

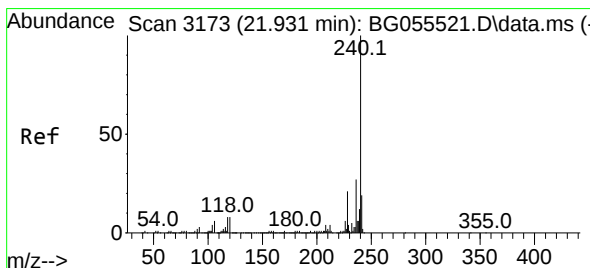
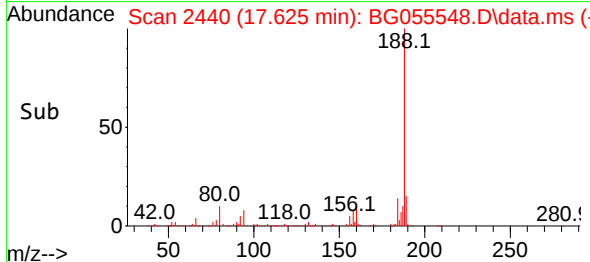
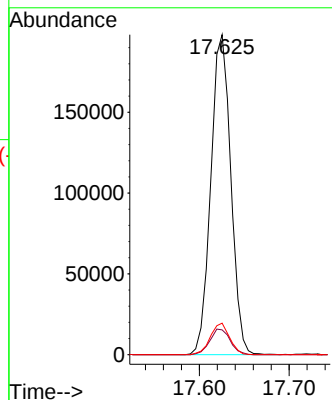
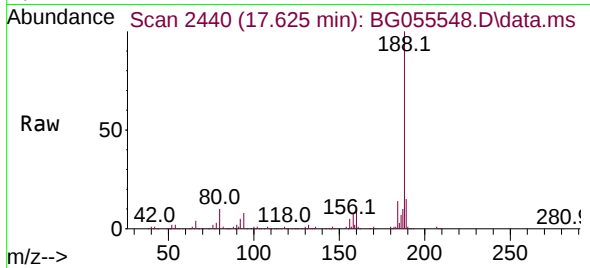




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

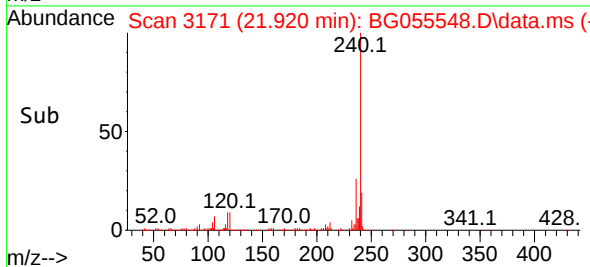
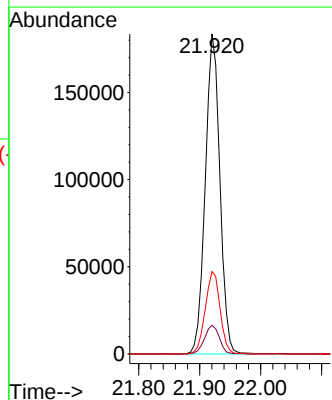
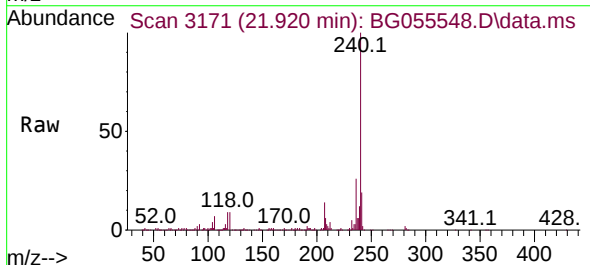
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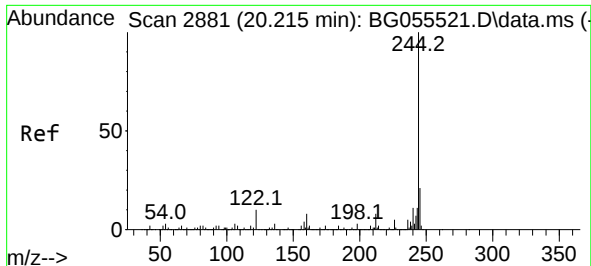
Tgt Ion:188 Resp: 305871
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:240 Resp: 304654
Ion Ratio Lower Upper
240 100
120 8.9 6.1 9.1
236 25.7 21.4 32.0

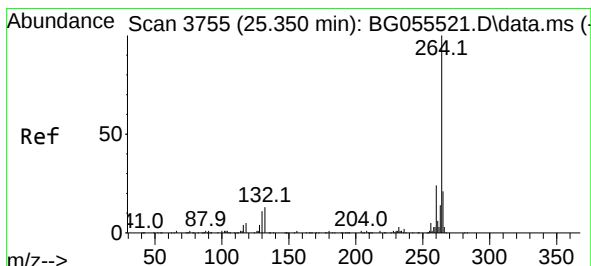
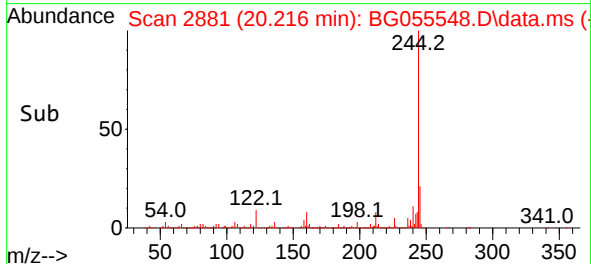
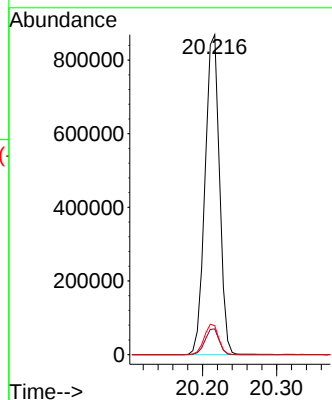
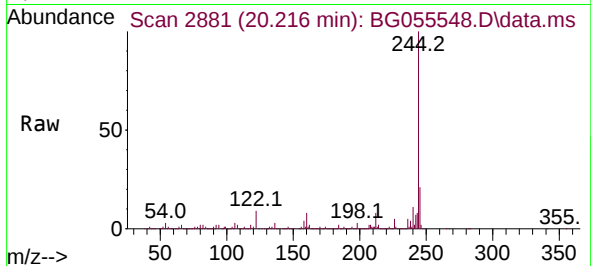




#79
 Terphenyl-d14
 Concen: 77.373 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG055548.D
 Acq: 10 Nov 2022 20:57

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1173582
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.340 min Scan# 3753
 Delta R.T. -0.010 min
 Lab File: BG055548.D
 Acq: 10 Nov 2022 20:57

Tgt Ion:264 Resp: 316740
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 20.6 17.1 25.7

