

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055546.D
 Acq On : 10 Nov 2022 19:34
 Operator : CG/JU
 Sample : N5491-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Nov 11 02:02:07 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	8.267	152	47628	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	184221	20.000	ng	# 0.00
39) Acenaphthene-d10	14.888	164	121028	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	289894	20.000	ng	0.00
76) Chrysene-d12	21.921	240	304587	20.000	ng	# 0.00
86) Perylene-d12	25.341	264	314199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	406642	162.623	ng	0.00
7) Phenol-d6	7.403	99	491620	142.332	ng	0.00
23) Nitrobenzene-d5	9.442	82	342586	126.069	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	243940	206.576	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	812348	101.245	ng	0.00
79) Terphenyl-d14	20.217	244	1506770	99.362	ng	0.00

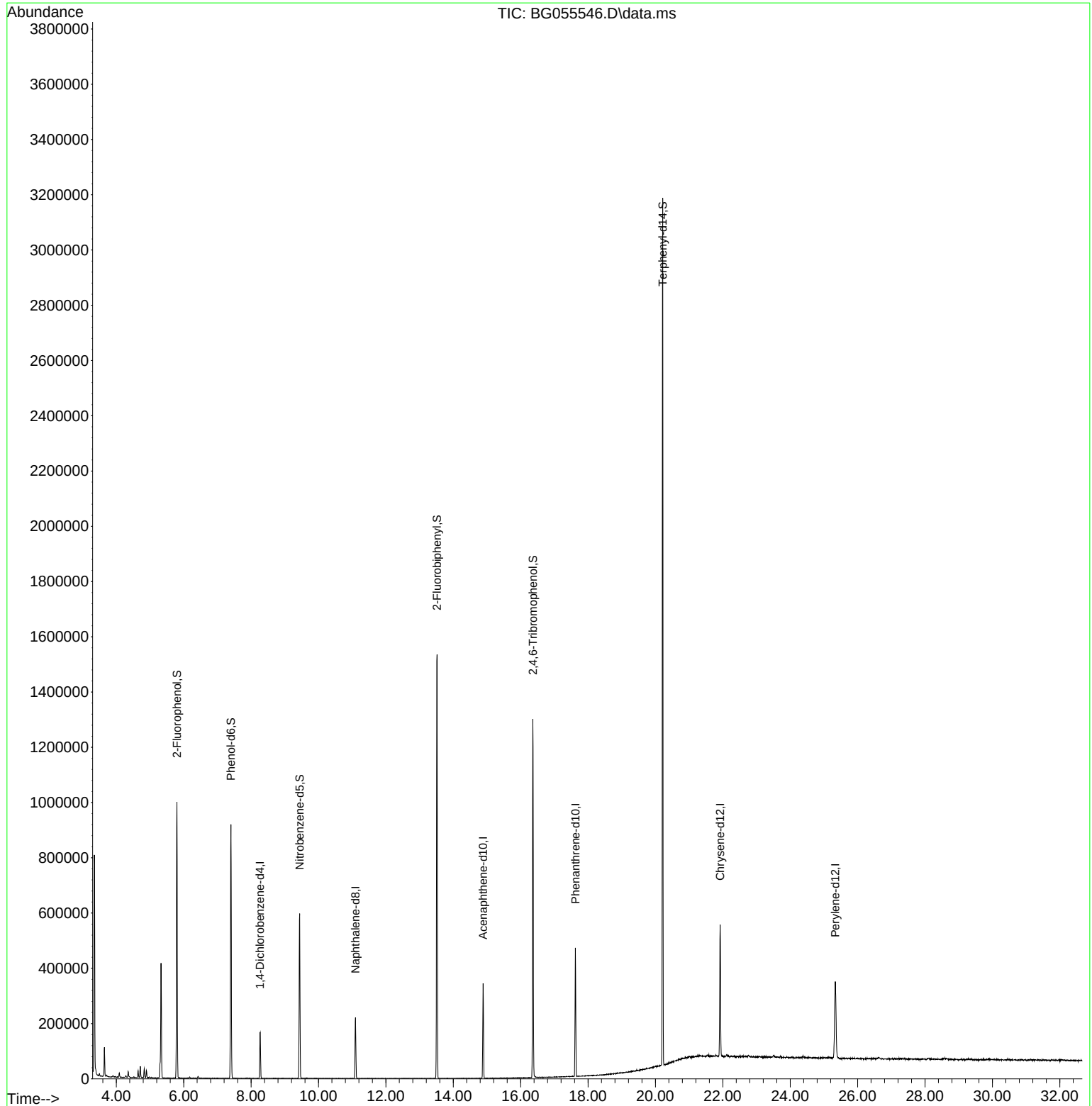
Target Compounds Qvalue

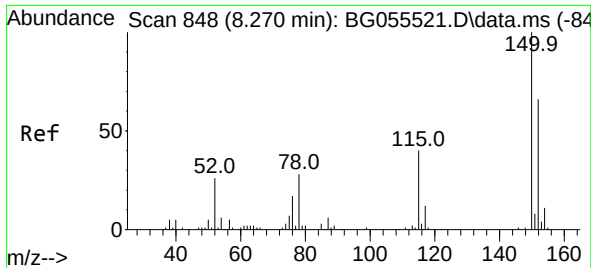
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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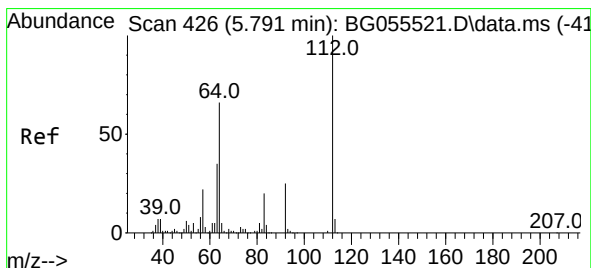
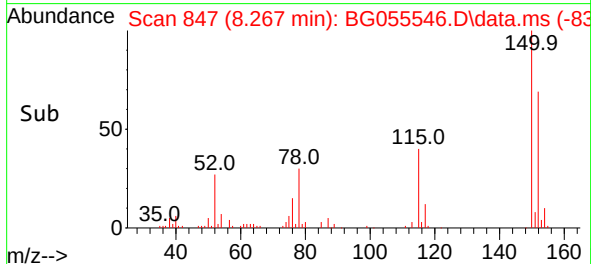
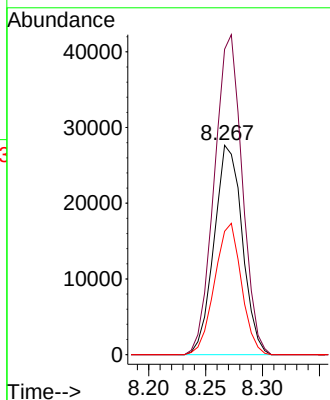
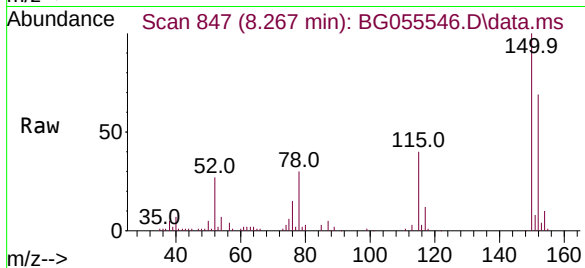




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

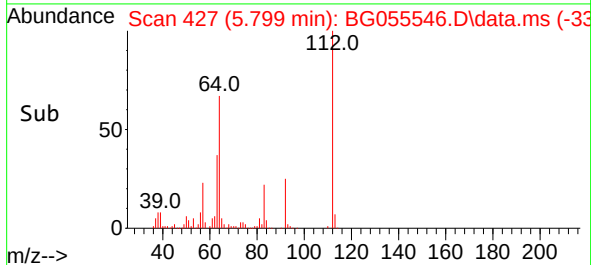
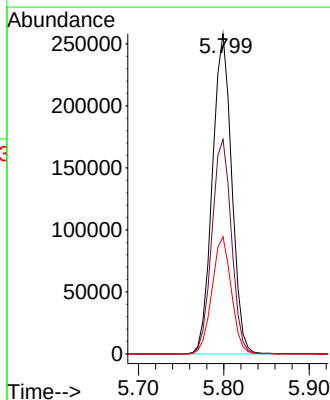
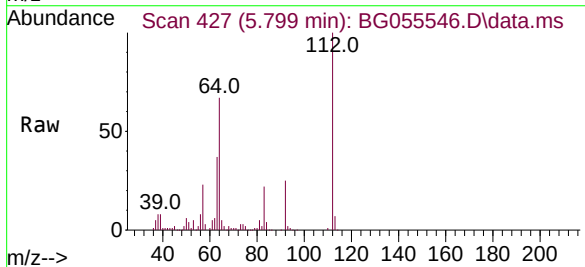
Instrument :
BNA_G
ClientSampleId :
TP-3

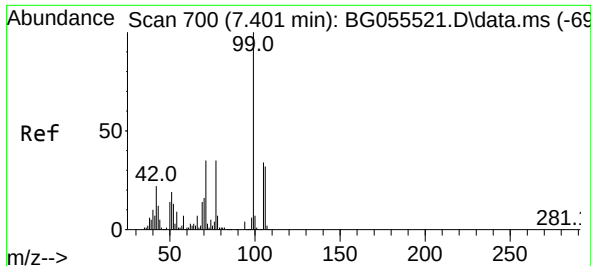
Tgt Ion:152 Resp: 47628
Ion Ratio Lower Upper
152 100
150 145.8 121.0 181.4
115 58.9 47.8 71.8



#5
2-Fluorophenol
Concen: 162.623 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion:112 Resp: 406642
Ion Ratio Lower Upper
112 100
64 67.0 52.6 78.8
63 36.6 28.3 42.5

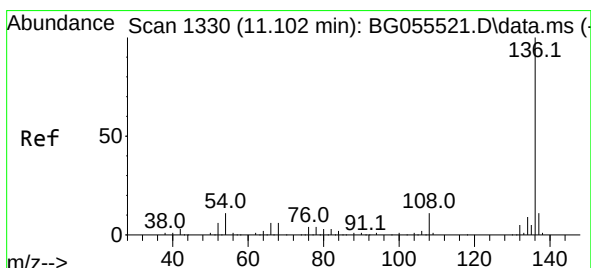
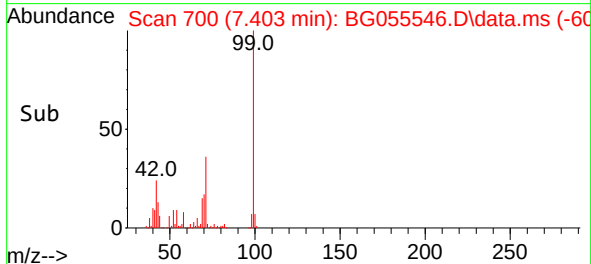
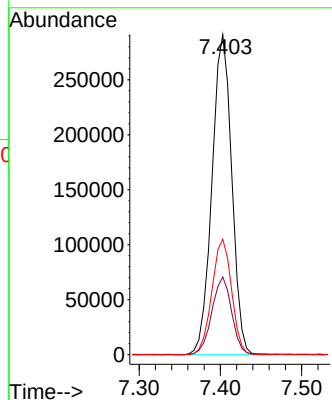
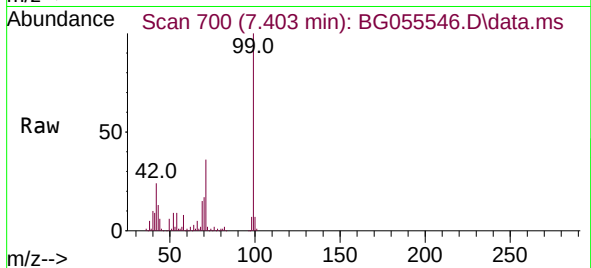




#7
Phenol-d6
Concen: 142.332 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

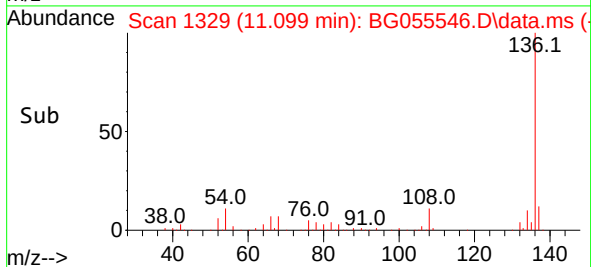
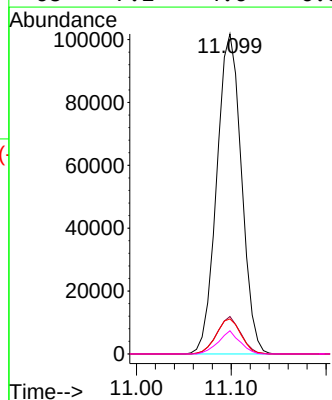
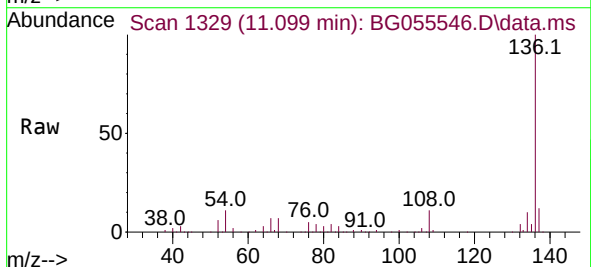
Instrument :
BNA_G
ClientSampleId :
TP-3

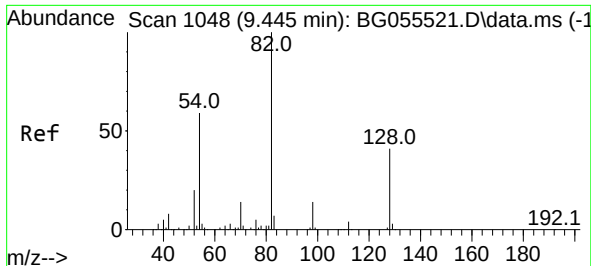
Tgt Ion: 99 Resp: 491620
Ion Ratio Lower Upper
99 100
42 24.3 17.5 26.3
71 36.1 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 136 Resp: 184221
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 10.9 8.6 12.8
68 7.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 126.069 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3

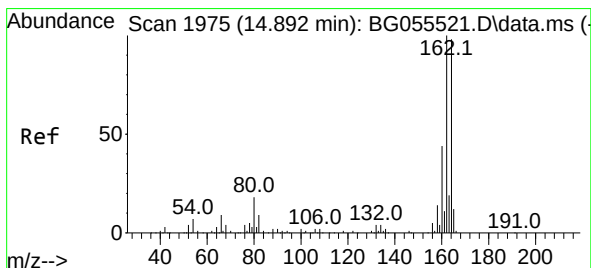
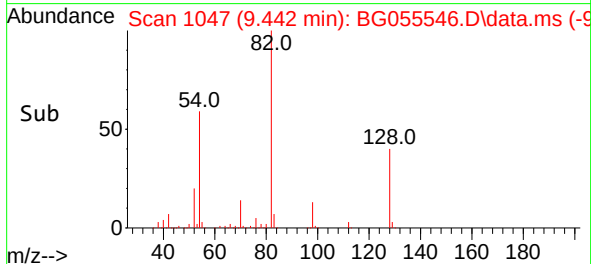
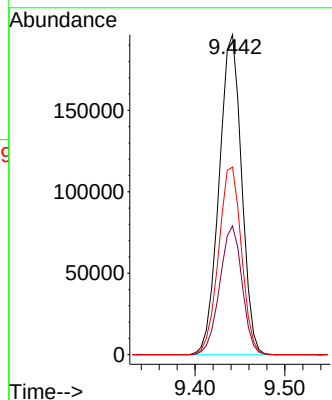
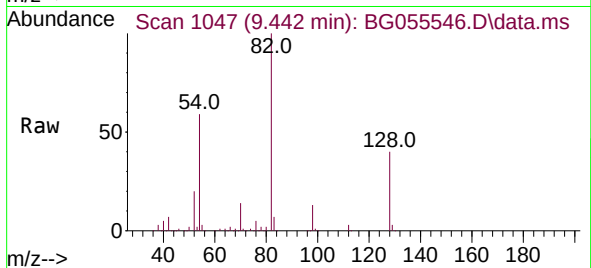
Tgt Ion: 82 Resp: 342586

Ion Ratio Lower Upper

82 100

128 40.2 32.6 49.0

54 58.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

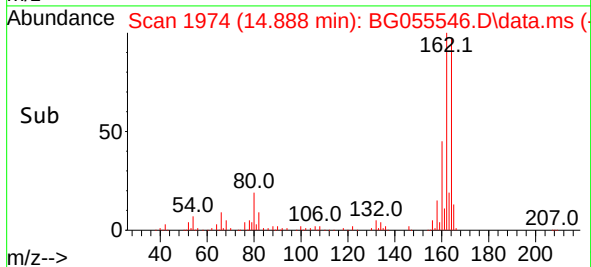
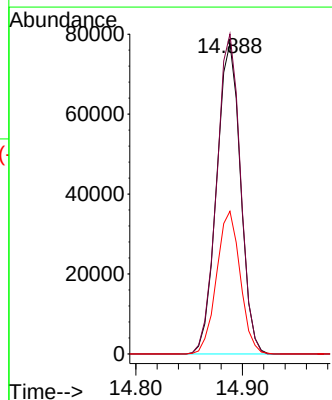
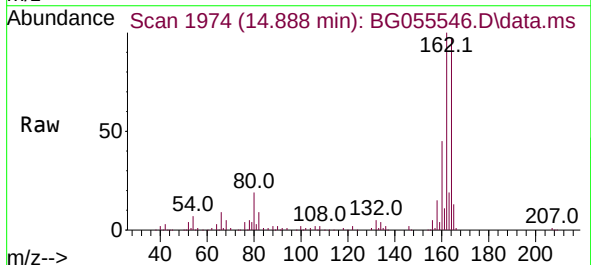
Tgt Ion:164 Resp: 121028

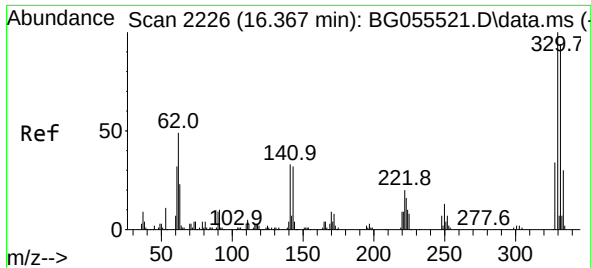
Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 45.9 35.9 53.9

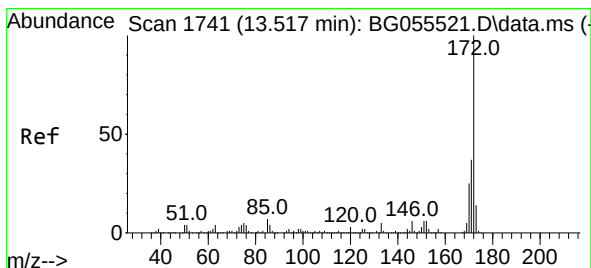
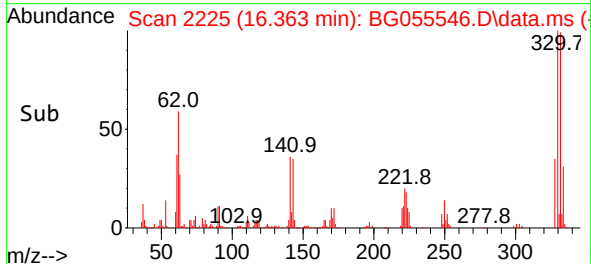
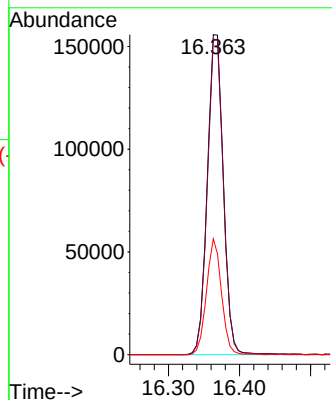
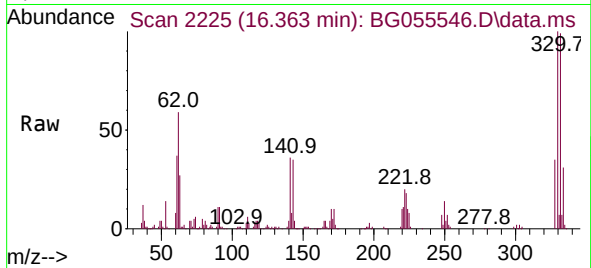




#42
 2,4,6-Tribromophenol
 Concen: 206.576 ng
 RT: 16.363 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

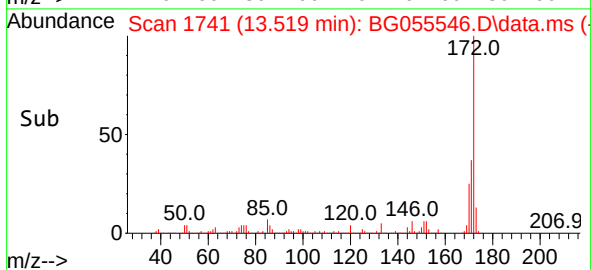
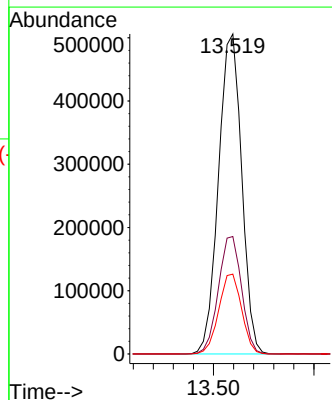
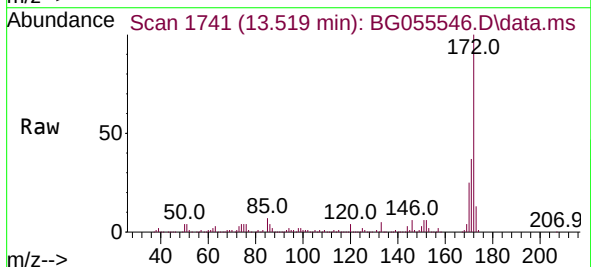
Instrument :
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 TP-3

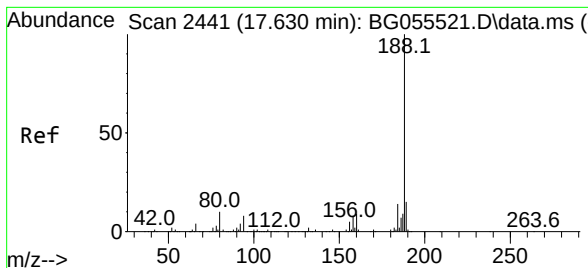
Tgt Ion:330 Resp: 243940
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 33.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 101.245 ng
 RT: 13.519 min Scan# 1741
 Delta R.T. 0.002 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

Tgt Ion:172 Resp: 812348
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.626 min Scan# 2441

Delta R.T. -0.004 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3

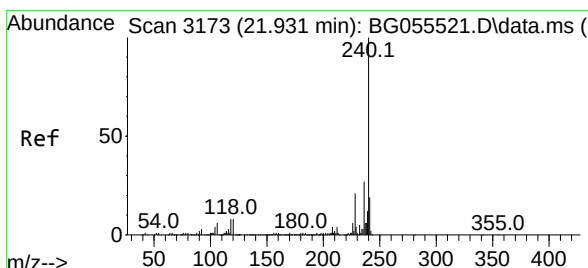
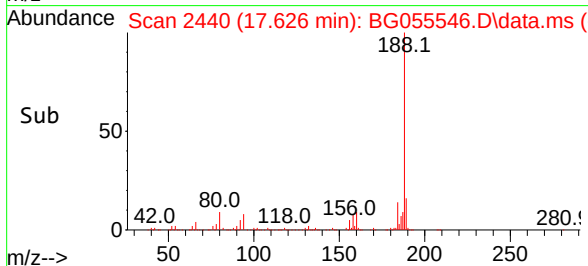
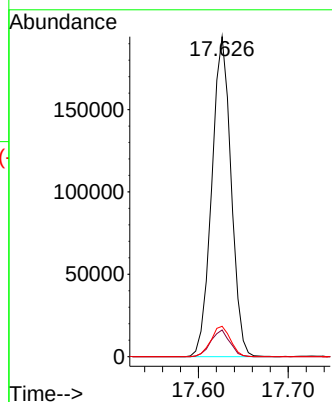
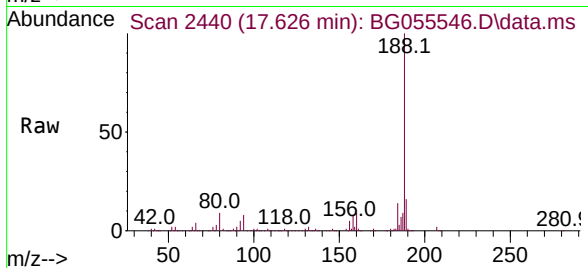
Tgt Ion:188 Resp: 289894

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.921 min Scan# 3171

Delta R.T. -0.010 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

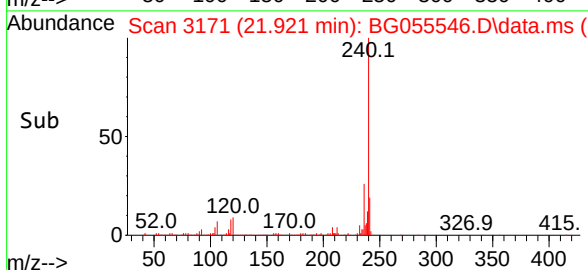
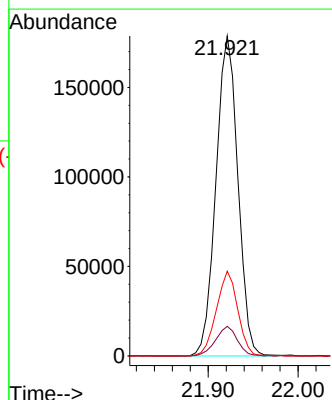
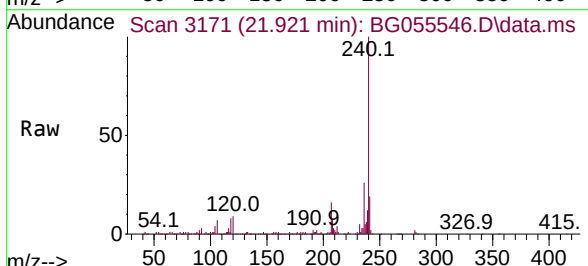
Tgt Ion:240 Resp: 304587

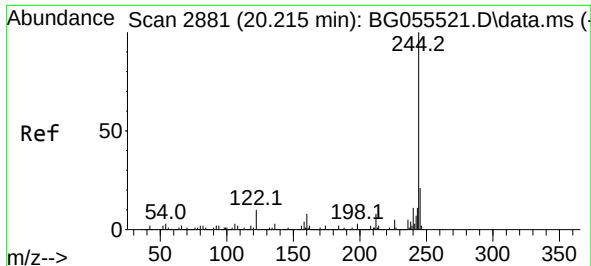
Ion Ratio Lower Upper

240 100

120 9.2 6.1 9.1#

236 26.5 21.4 32.0

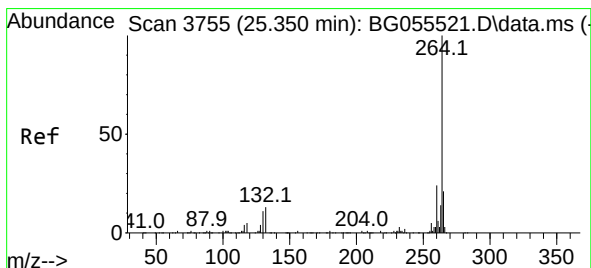
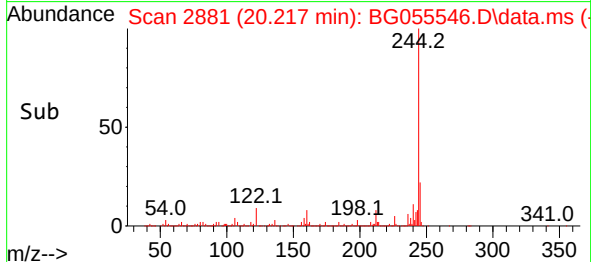
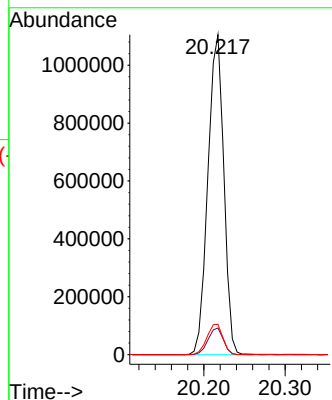
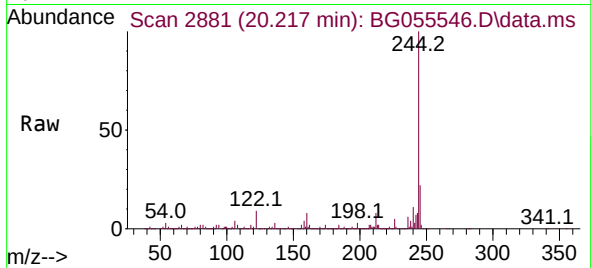




#79
 Terphenyl-d14
 Concen: 99.362 ng
 RT: 20.217 min Scan# 2881
 Delta R.T. 0.002 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1506770
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 3753
 Delta R.T. -0.009 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

Tgt Ion:264 Resp: 314199
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.5 17.1 25.7

