

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055427.D
 Acq On : 2 Nov 2022 23:20
 Operator : CG/JU
 Sample : N5396-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Nov 03 06:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	31943	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	135049	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	91864	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	191943	20.000	ng	0.00
76) Chrysene-d12	21.866	240	186484	20.000	ng	0.00
86) Perylene-d12	25.238	264	200792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	229421	128.981	ng	0.00
7) Phenol-d6	7.389	99	273860	111.026	ng	0.00
23) Nitrobenzene-d5	9.416	82	206884	81.643	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	163101	130.164	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	534342	86.241	ng	0.00
79) Terphenyl-d14	20.168	244	844542	88.063	ng	0.00

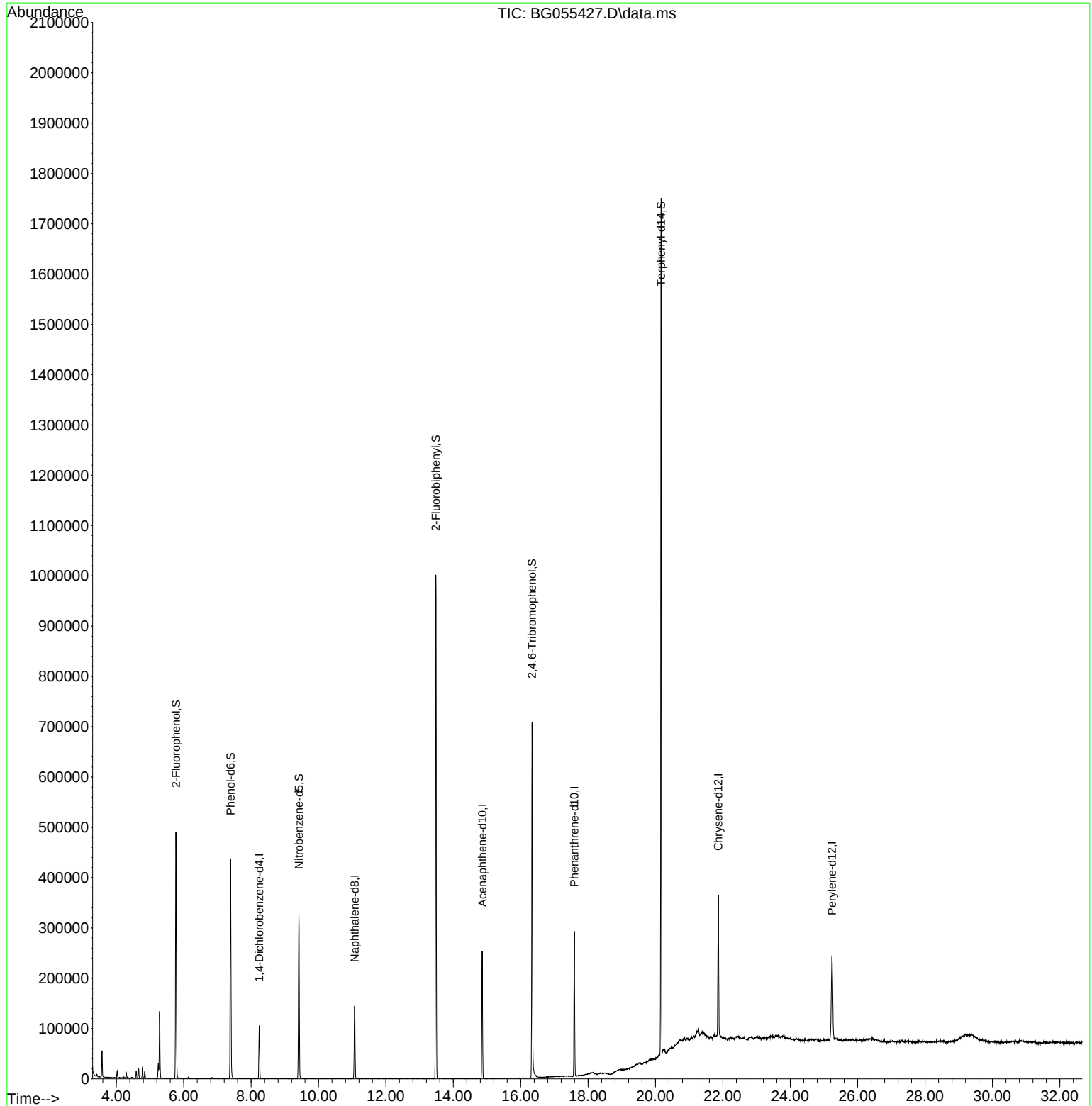
Target Compounds	Qvalue

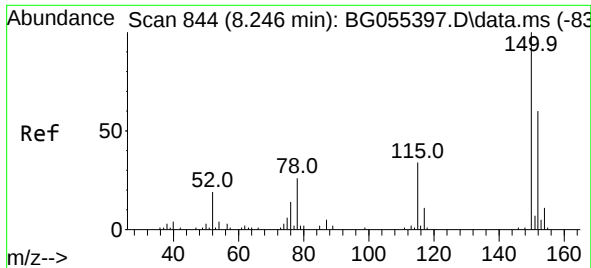
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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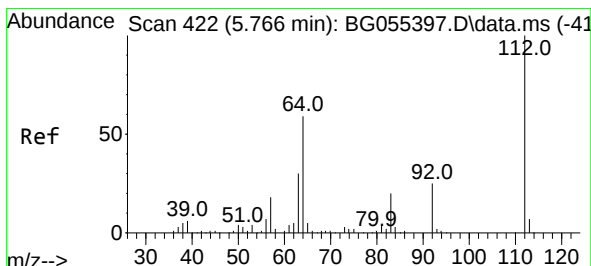
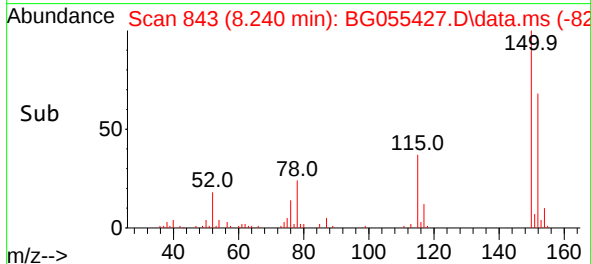
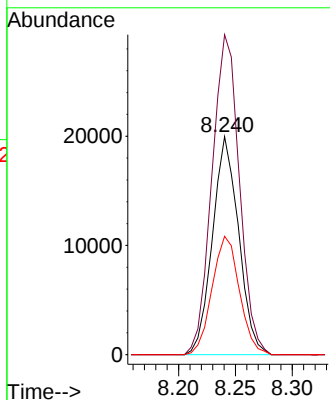
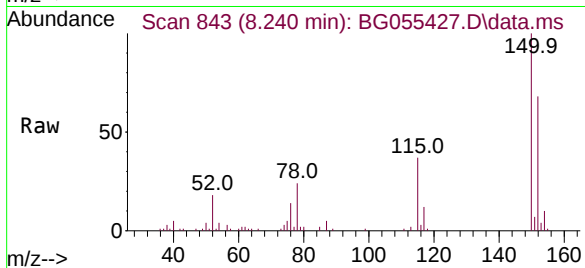




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.240 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

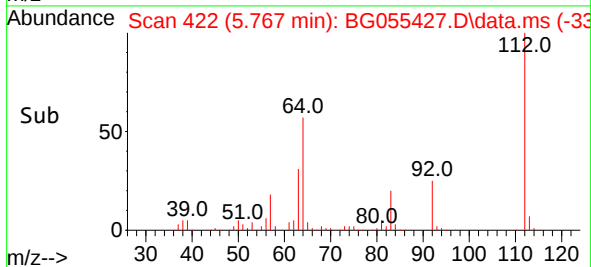
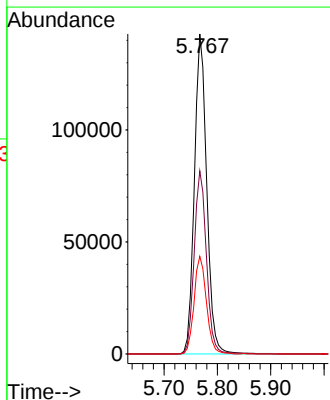
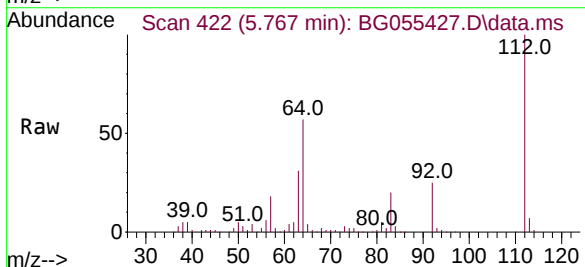
Instrument :
BNA_G
ClientSampleId :
TP-G

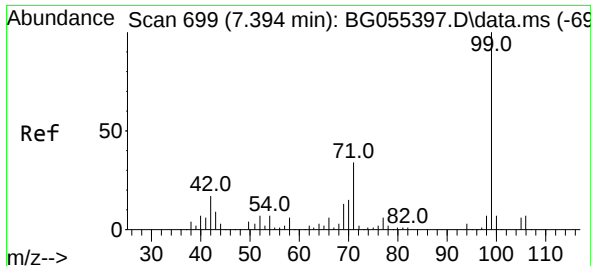
Tgt Ion:152 Resp: 31943
Ion Ratio Lower Upper
152 100
150 146.8 132.8 199.2
115 54.2 45.1 67.7



#5
2-Fluorophenol
Concen: 128.981 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion:112 Resp: 229421
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 30.5 24.3 36.5

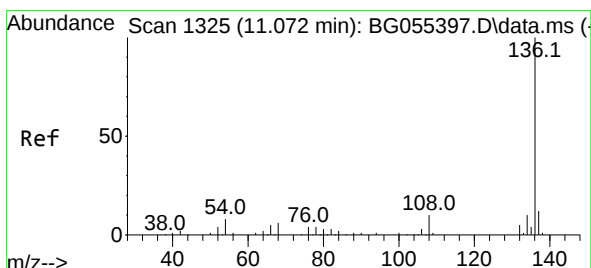
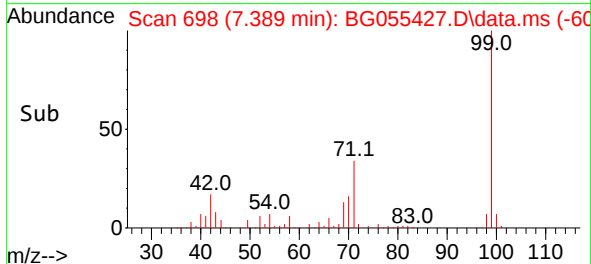
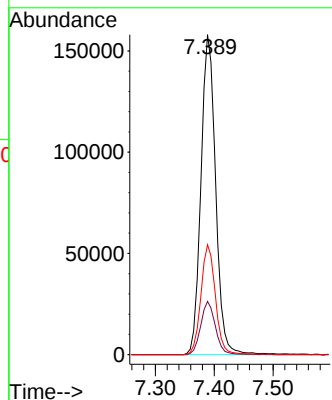
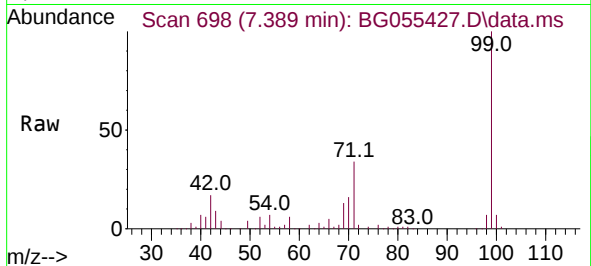




#7
Phenol-d6
Concen: 111.026 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

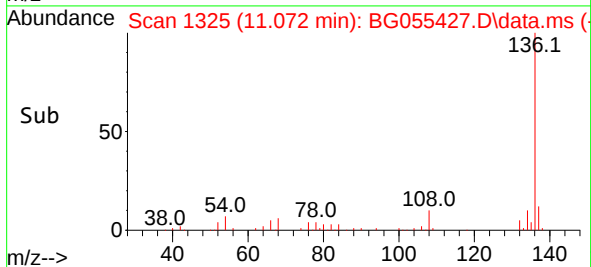
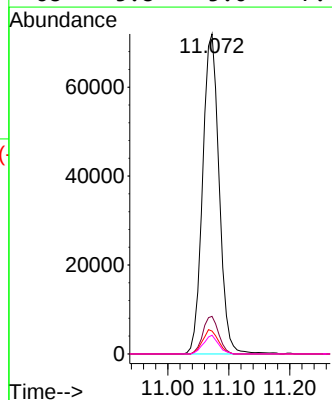
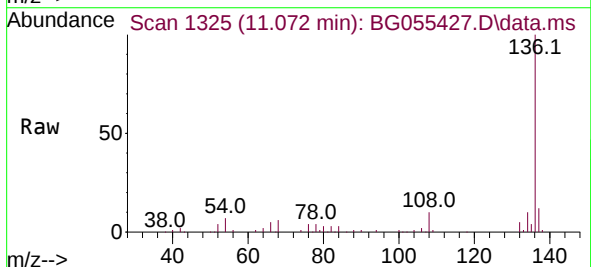
Instrument :
BNA_G
ClientSampleId :
TP-G

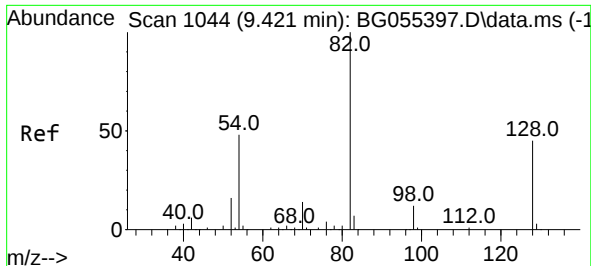
Tgt Ion: 99 Resp: 273860
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 34.3 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion: 136 Resp: 135049
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 7.1 6.1 9.1
68 5.8 5.0 7.4

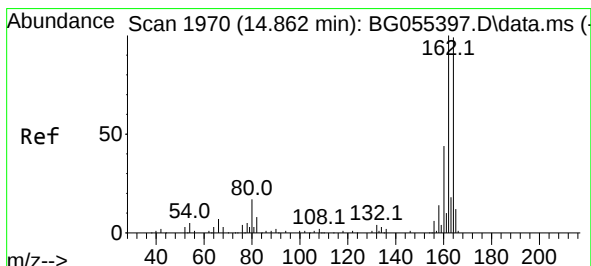
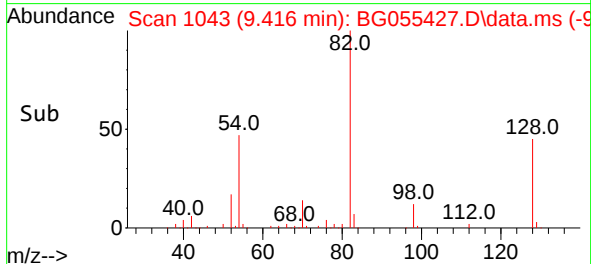
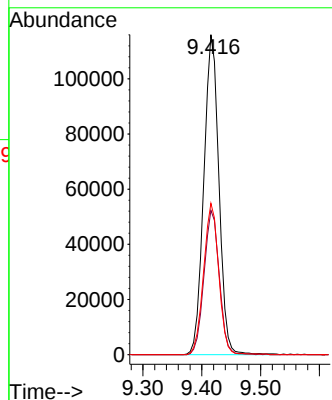
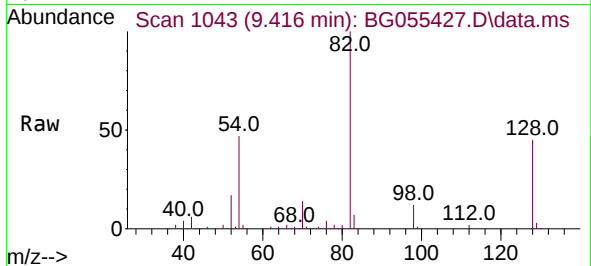




#23
 Nitrobenzene-d5
 Concen: 81.643 ng
 RT: 9.416 min Scan# 1044
 Delta R.T. -0.005 min
 Lab File: BG055427.D
 Acq: 2 Nov 2022 23:20

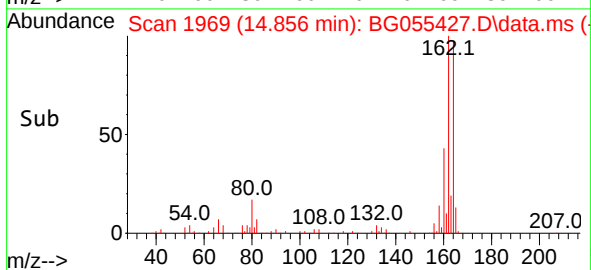
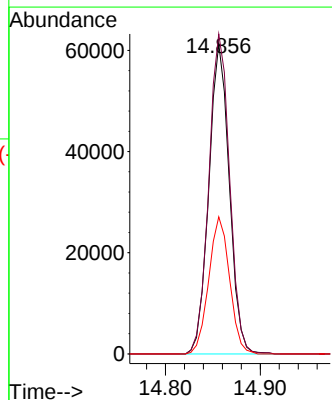
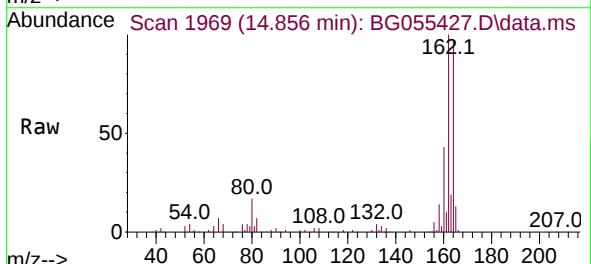
Instrument :
 BNA_G
 ClientSampleId :
 TP-G

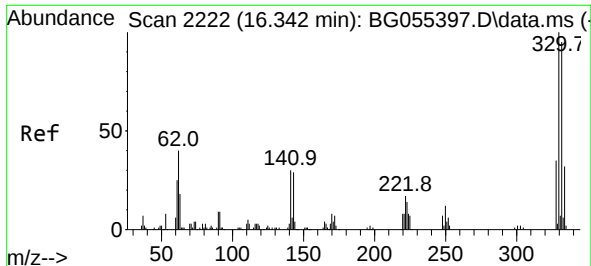
Tgt Ion: 82 Resp: 206884
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.8 53.8
 54 47.3 38.1 57.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.856 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: BG055427.D
 Acq: 2 Nov 2022 23:20

Tgt Ion: 164 Resp: 91864
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.1 121.7
 160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 130.164 ng

RT: 16.337 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055427.D

Acq: 2 Nov 2022 23:20

Instrument :

BNA_G

ClientSampleId :

TP-G

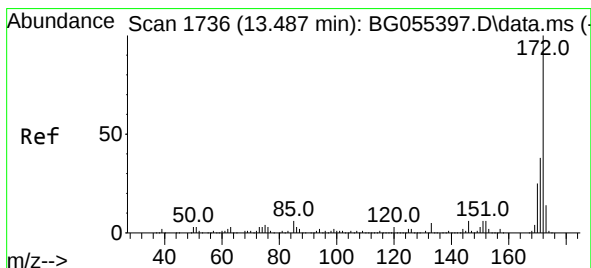
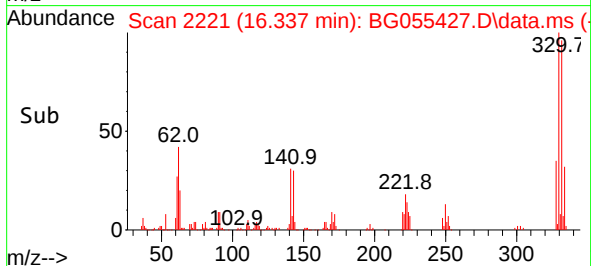
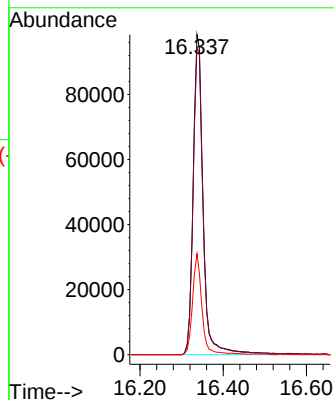
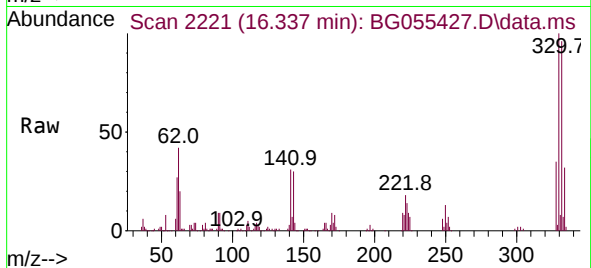
Tgt Ion:330 Resp: 163101

Ion Ratio Lower Upper

330 100

332 97.5 77.8 116.6

141 29.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 86.241 ng

RT: 13.481 min Scan# 1735

Delta R.T. -0.005 min

Lab File: BG055427.D

Acq: 2 Nov 2022 23:20

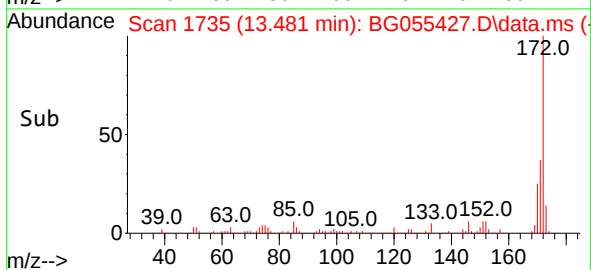
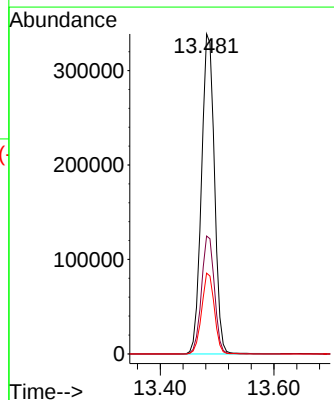
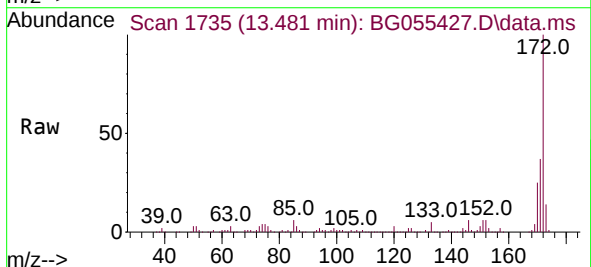
Tgt Ion:172 Resp: 534342

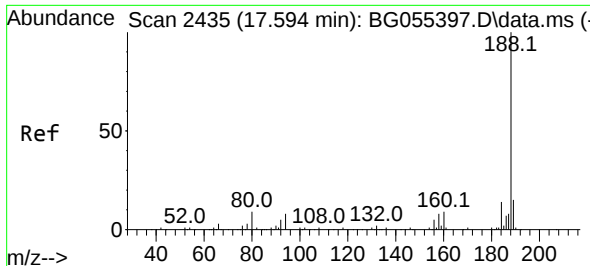
Ion Ratio Lower Upper

172 100

171 36.8 30.2 45.2

170 25.2 20.2 30.2

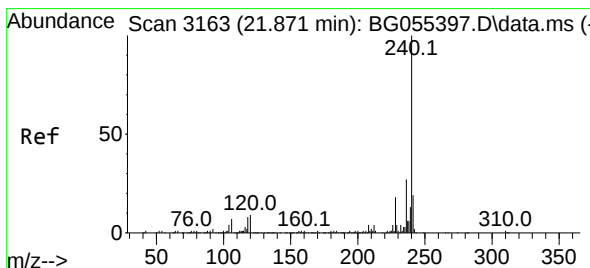
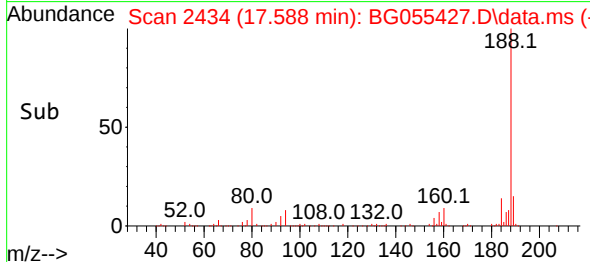
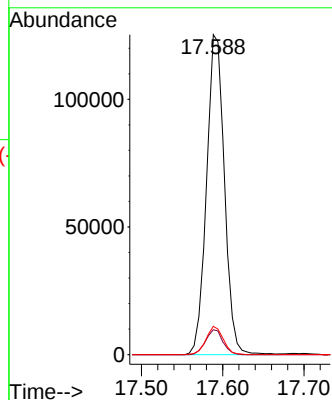
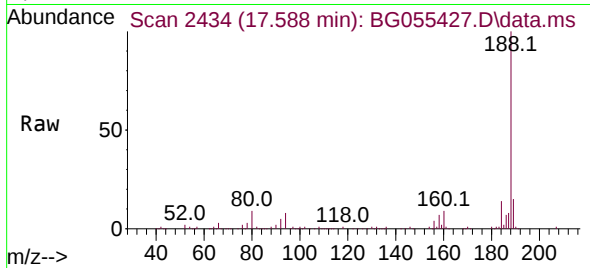




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.588 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

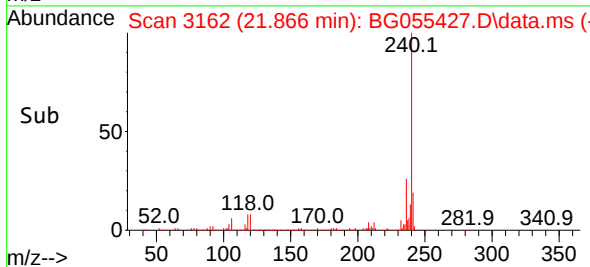
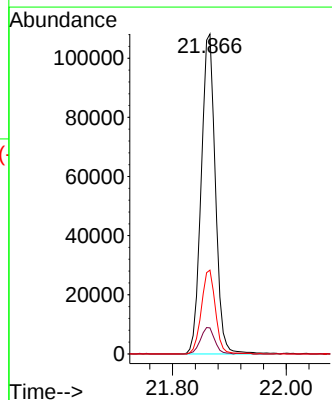
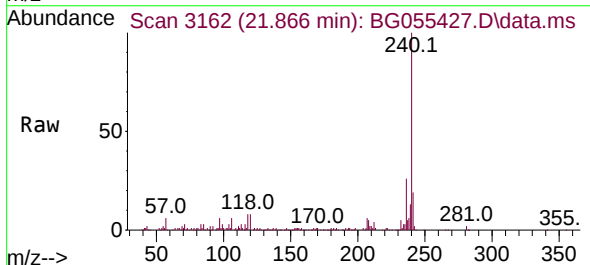
Instrument :
BNA_G
ClientSampleId :
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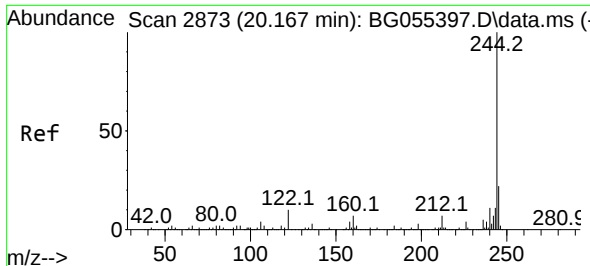
Tgt Ion:188 Resp: 191943
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion:240 Resp: 186484
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.2 21.5 32.3

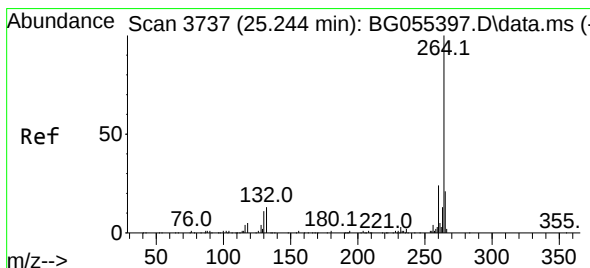
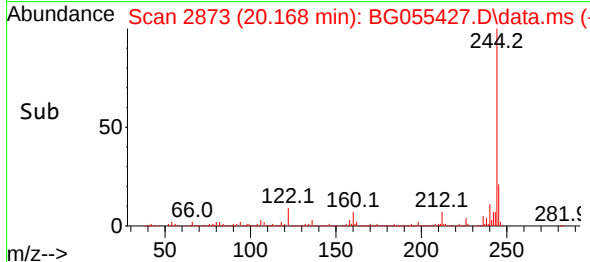
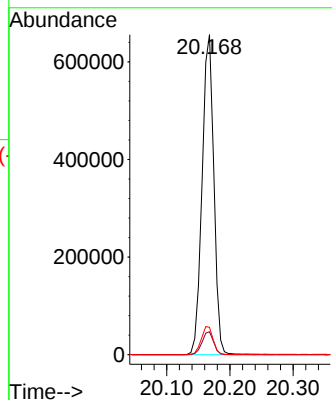
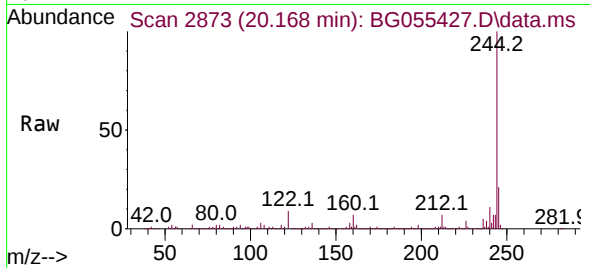




#79
 Terphenyl-d14
 Concen: 88.063 ng
 RT: 20.168 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: BG055427.D
 Acq: 2 Nov 2022 23:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Tgt Ion:244 Resp: 844542
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.5 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.238 min Scan# 3736
 Delta R.T. -0.005 min
 Lab File: BG055427.D
 Acq: 2 Nov 2022 23:20

Tgt Ion:264 Resp: 200792
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 21.0 17.1 25.7

