

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055431.D
 Acq On : 3 Nov 2022 2:06
 Operator : CG/JU
 Sample : N5396-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-I

Quant Time: Nov 03 06:14:55 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)

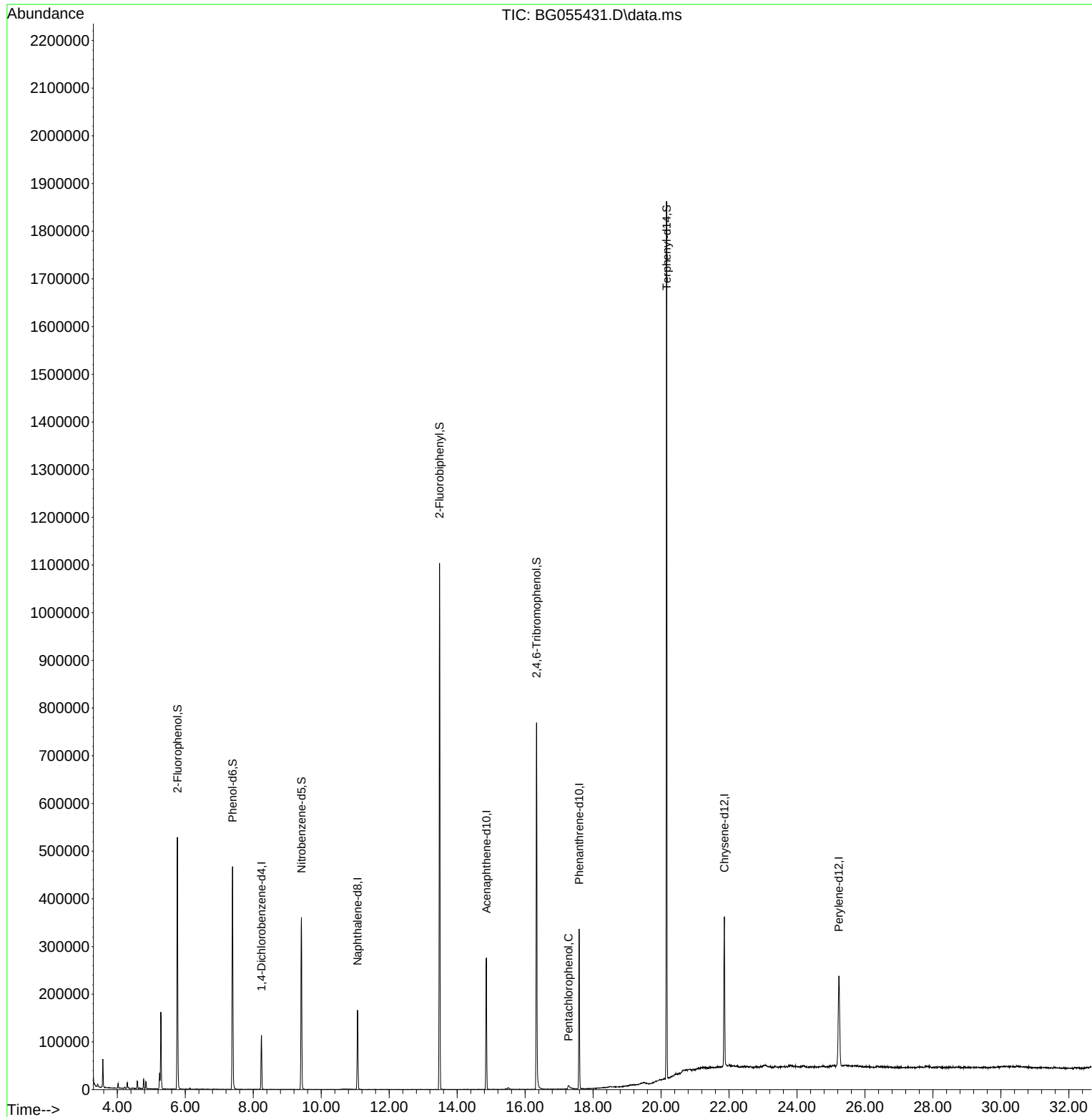
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	34509	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	151435	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	101727	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	216587	20.000	ng	0.00
76) Chrysene-d12	21.861	240	208694	20.000	ng	-0.01
86) Perylene-d12	25.233	264	225896	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	244408	127.190	ng	0.00
7) Phenol-d6	7.390	99	293357	110.087	ng	0.00
23) Nitrobenzene-d5	9.417	82	221832	78.070	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	177677	128.048	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	577469	84.165	ng	0.00
79) Terphenyl-d14	20.163	244	920463	85.765	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.278	266	6868	8.506	ng	Qvalue 89

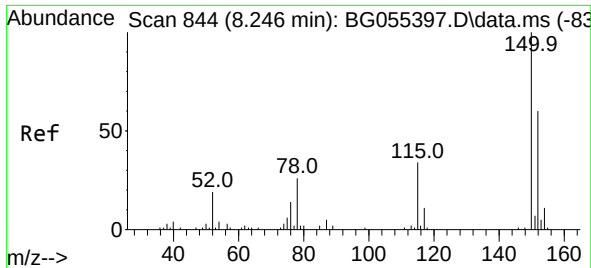
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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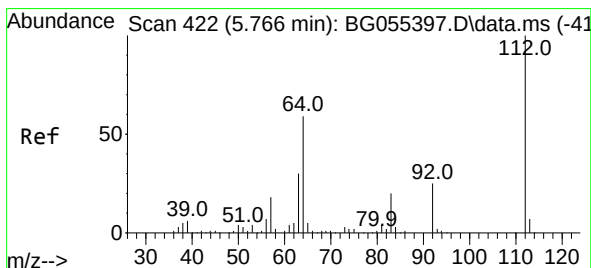
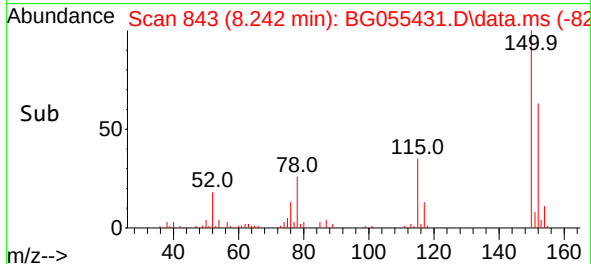
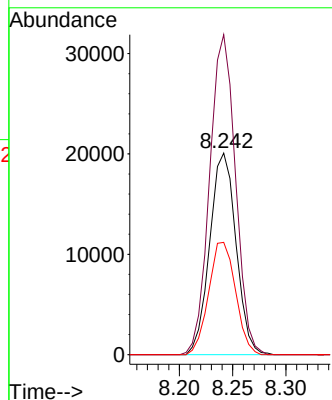
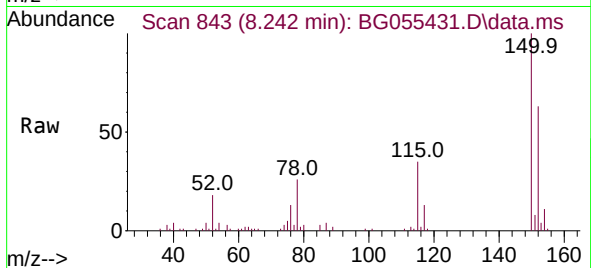




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 844
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

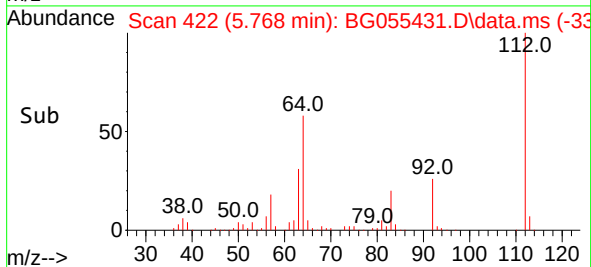
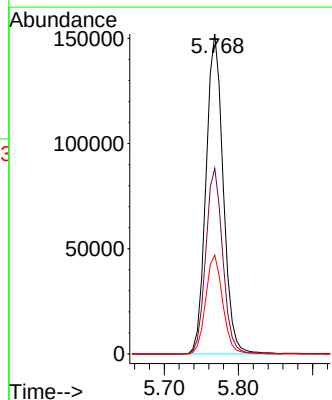
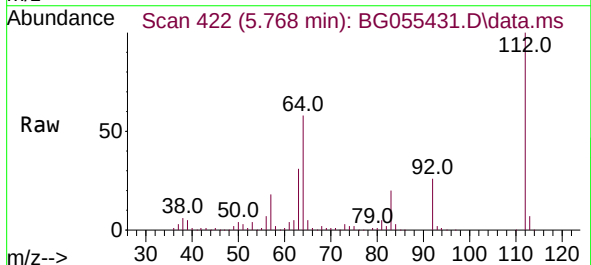
Instrument :
BNA_G
ClientSampleId :
TP-I

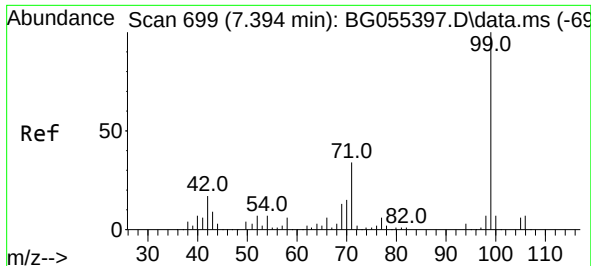
Tgt Ion:152 Resp: 34509
Ion Ratio Lower Upper
152 100
150 158.8 132.8 199.2
115 55.7 45.1 67.7



#5
2-Fluorophenol
Concen: 127.190 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

Tgt Ion:112 Resp: 244408
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 30.9 24.3 36.5

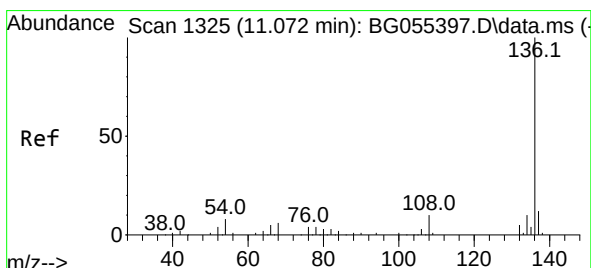
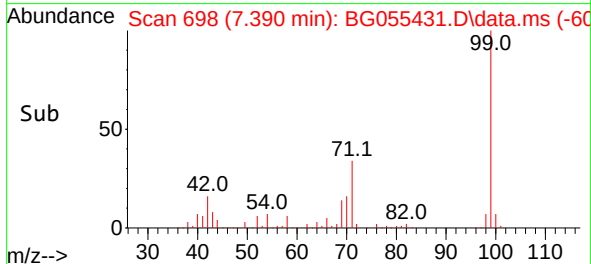
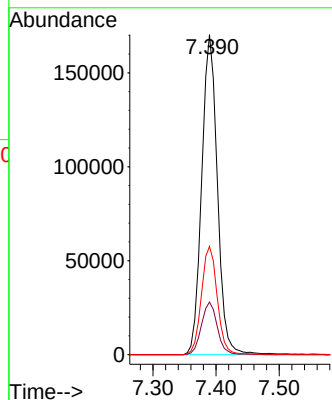
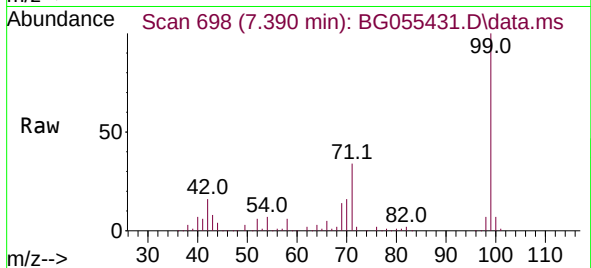




#7
Phenol-d6
Concen: 110.087 ng
RT: 7.390 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

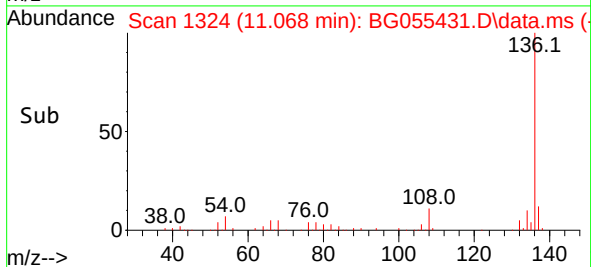
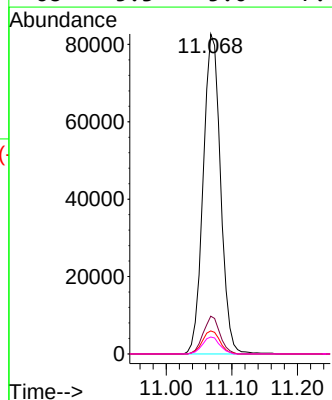
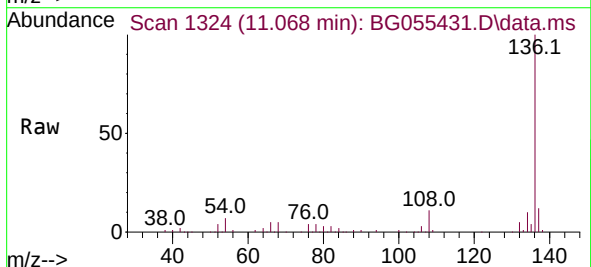
Instrument :
BNA_G
ClientSampleId :
TP-I

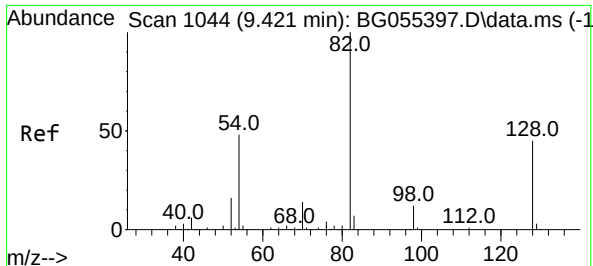
Tgt Ion: 99 Resp: 293357
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 33.8 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1324
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

Tgt Ion: 136 Resp: 151435
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 7.2 6.1 9.1
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.070 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.004 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

Instrument :

BNA_G

ClientSampleId :

TP-I

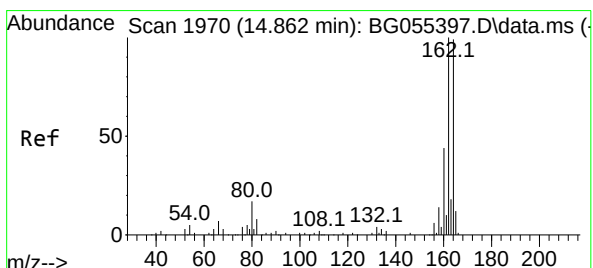
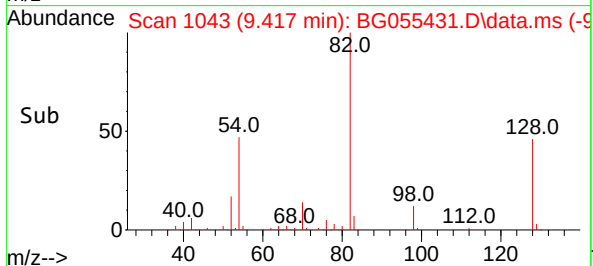
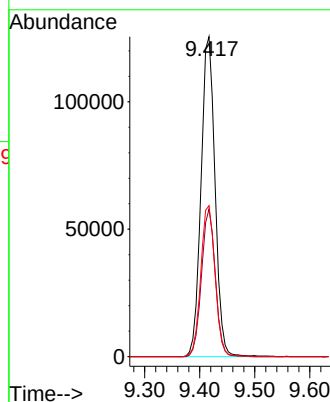
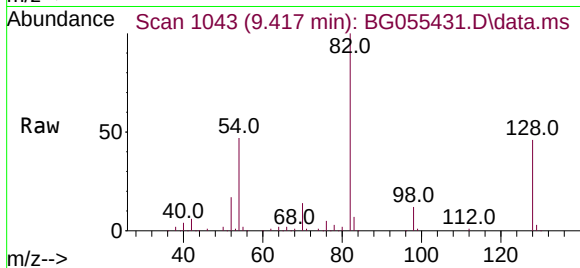
Tgt Ion: 82 Resp: 221832

Ion Ratio Lower Upper

82 100

128 46.1 35.8 53.8

54 47.2 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.005 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

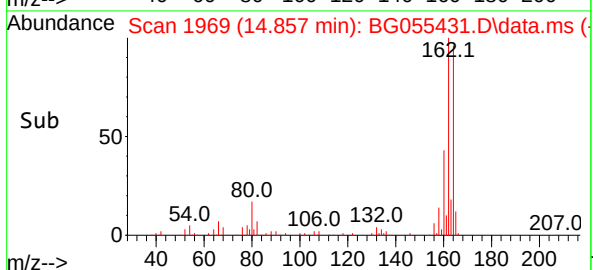
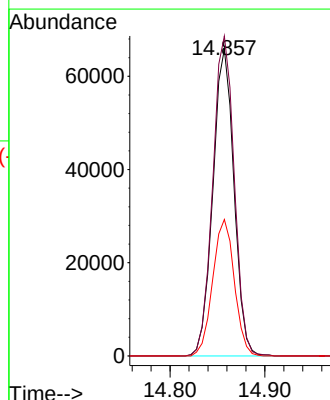
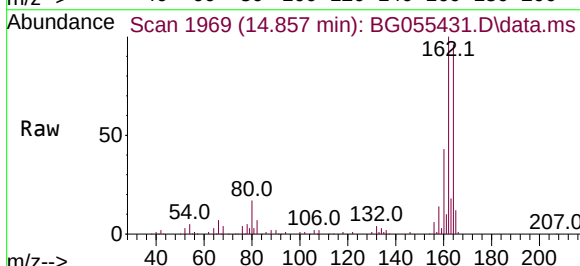
Tgt Ion: 164 Resp: 101727

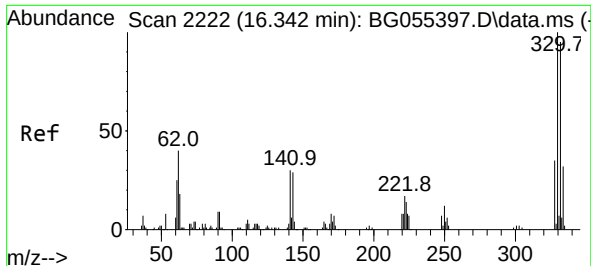
Ion Ratio Lower Upper

164 100

162 104.3 81.1 121.7

160 44.5 35.8 53.6

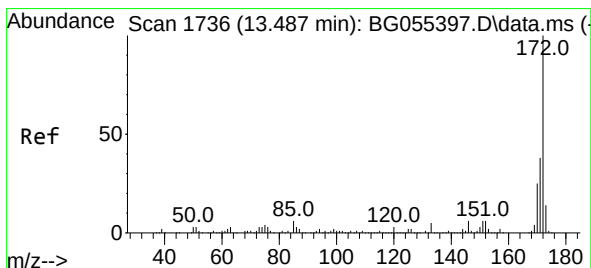
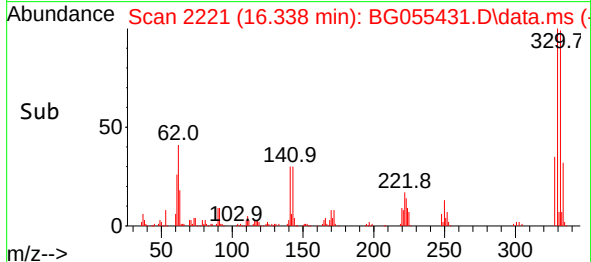
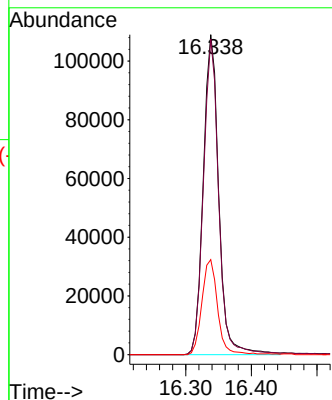
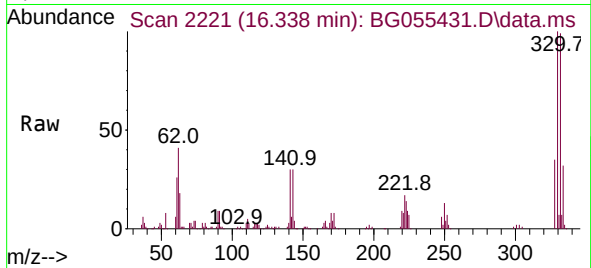




#42
2,4,6-Tribromophenol
Concen: 128.048 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

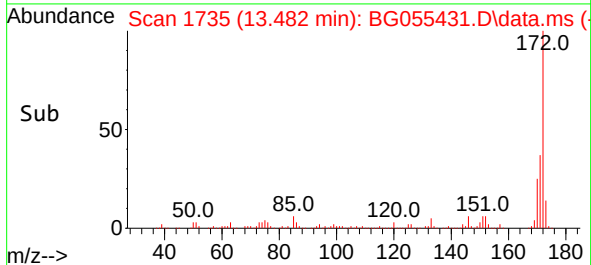
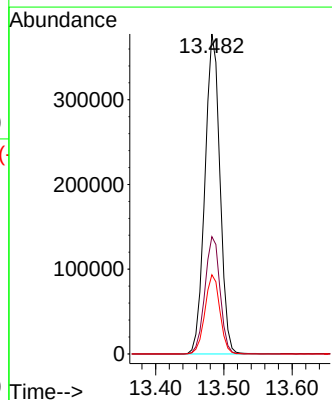
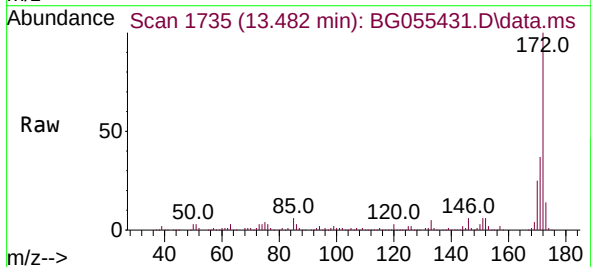
Instrument :
BNA_G
ClientSampleId :
TP-I

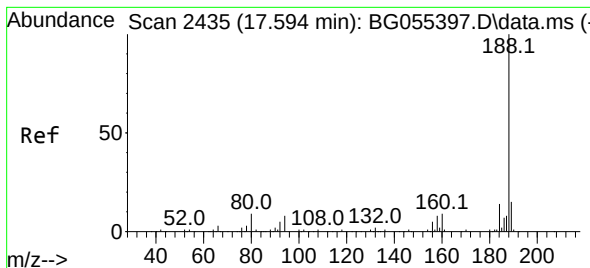
Tgt Ion:330 Resp: 177677
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 29.9 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 84.165 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

Tgt Ion:172 Resp: 577469
Ion Ratio Lower Upper
172 100
171 36.6 30.2 45.2
170 24.7 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.589 min Scan# 2435

Delta R.T. -0.005 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

Instrument :

BNA_G

ClientSampleId :

TP-I

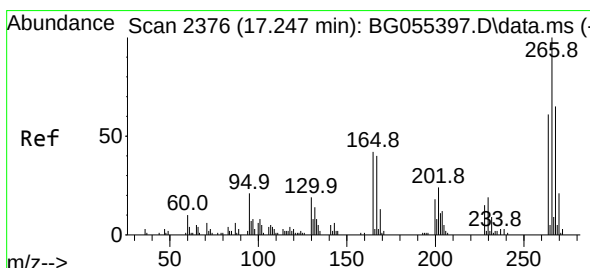
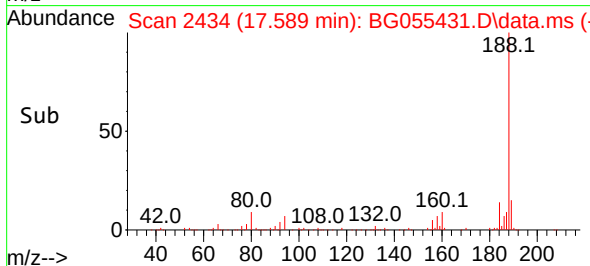
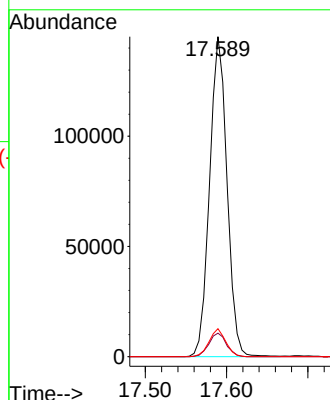
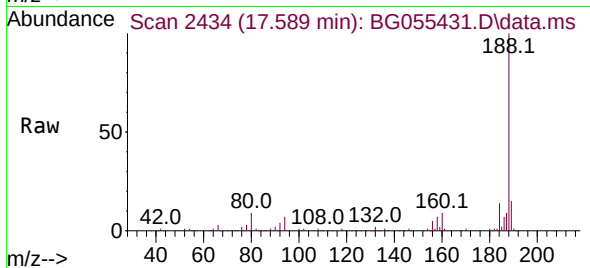
Tgt Ion:188 Resp: 216587

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 8.7 7.4 11.0



#70

Pentachlorophenol

Concen: 8.506 ng

RT: 17.278 min Scan# 2381

Delta R.T. 0.031 min

Lab File: BG055431.D

Acq: 3 Nov 2022 2:06

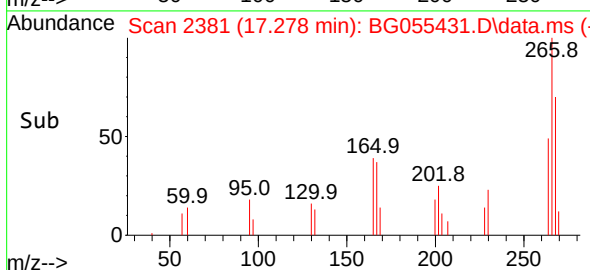
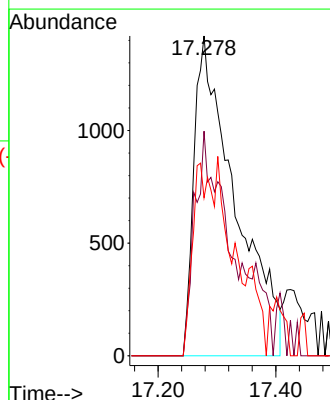
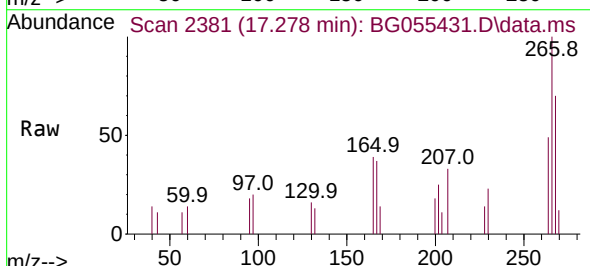
Tgt Ion:266 Resp: 6868

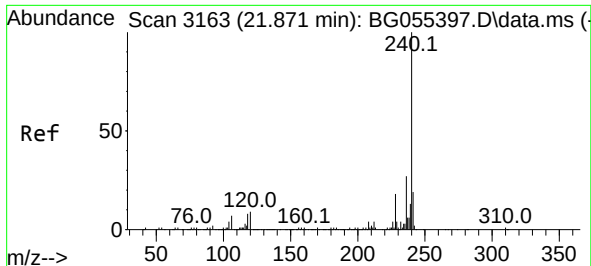
Ion Ratio Lower Upper

266 100

268 70.2 52.2 78.4

264 49.4 49.2 73.8

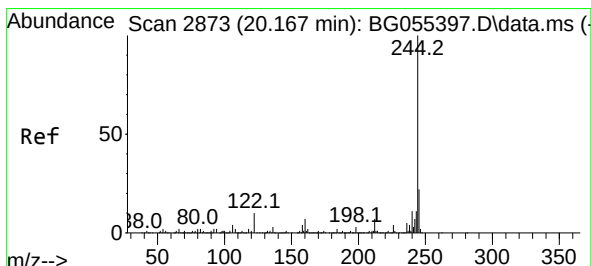
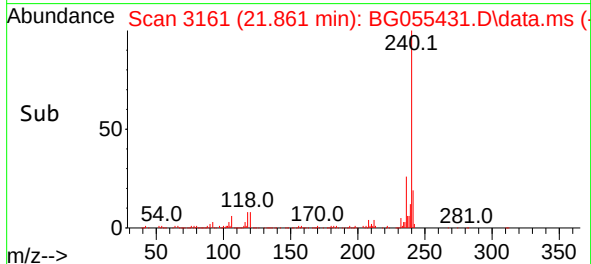
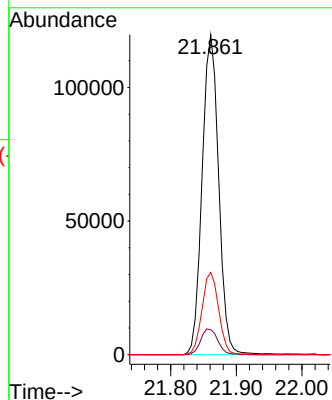
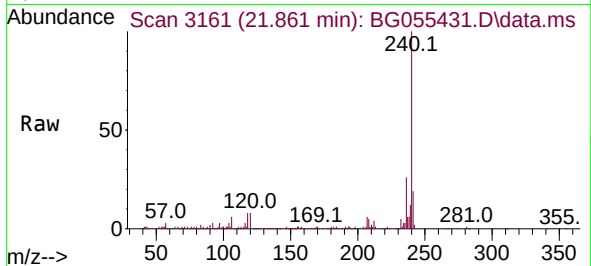




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

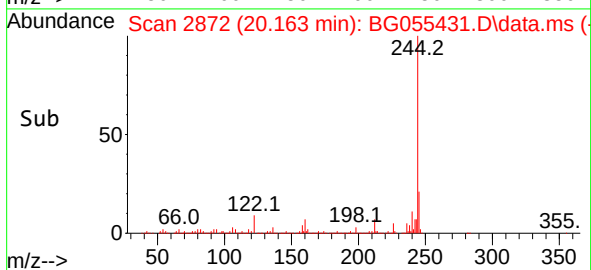
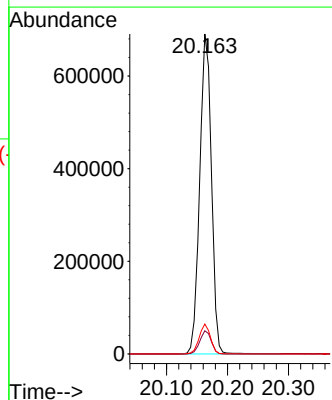
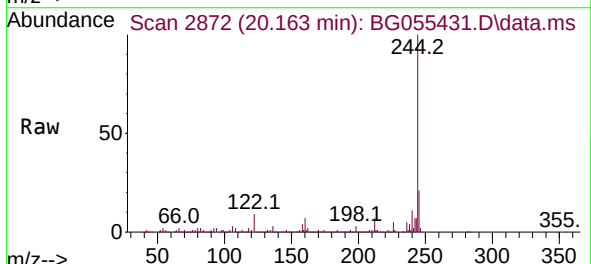
Instrument :
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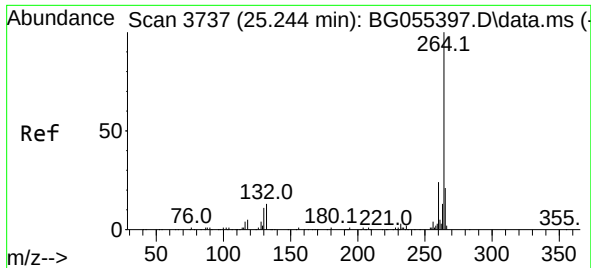
Tgt Ion:240 Resp: 208694
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.7 21.5 32.3



#79
Terphenyl-d14
Concen: 85.765 ng
RT: 20.163 min Scan# 2872
Delta R.T. -0.004 min
Lab File: BG055431.D
Acq: 3 Nov 2022 2:06

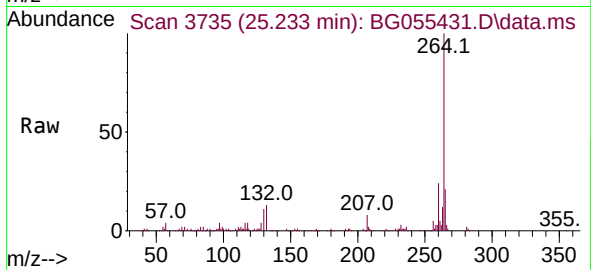
Tgt Ion:244 Resp: 920463
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG055431.D
 Acq: 3 Nov 2022 2:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-I



Tgt Ion:264 Resp: 225896
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.2 17.1 25.7

