

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055423.D
 Acq On : 2 Nov 2022 20:32
 Operator : CG/JU
 Sample : N5204-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20071

Quant Time: Nov 03 06:12:07 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)

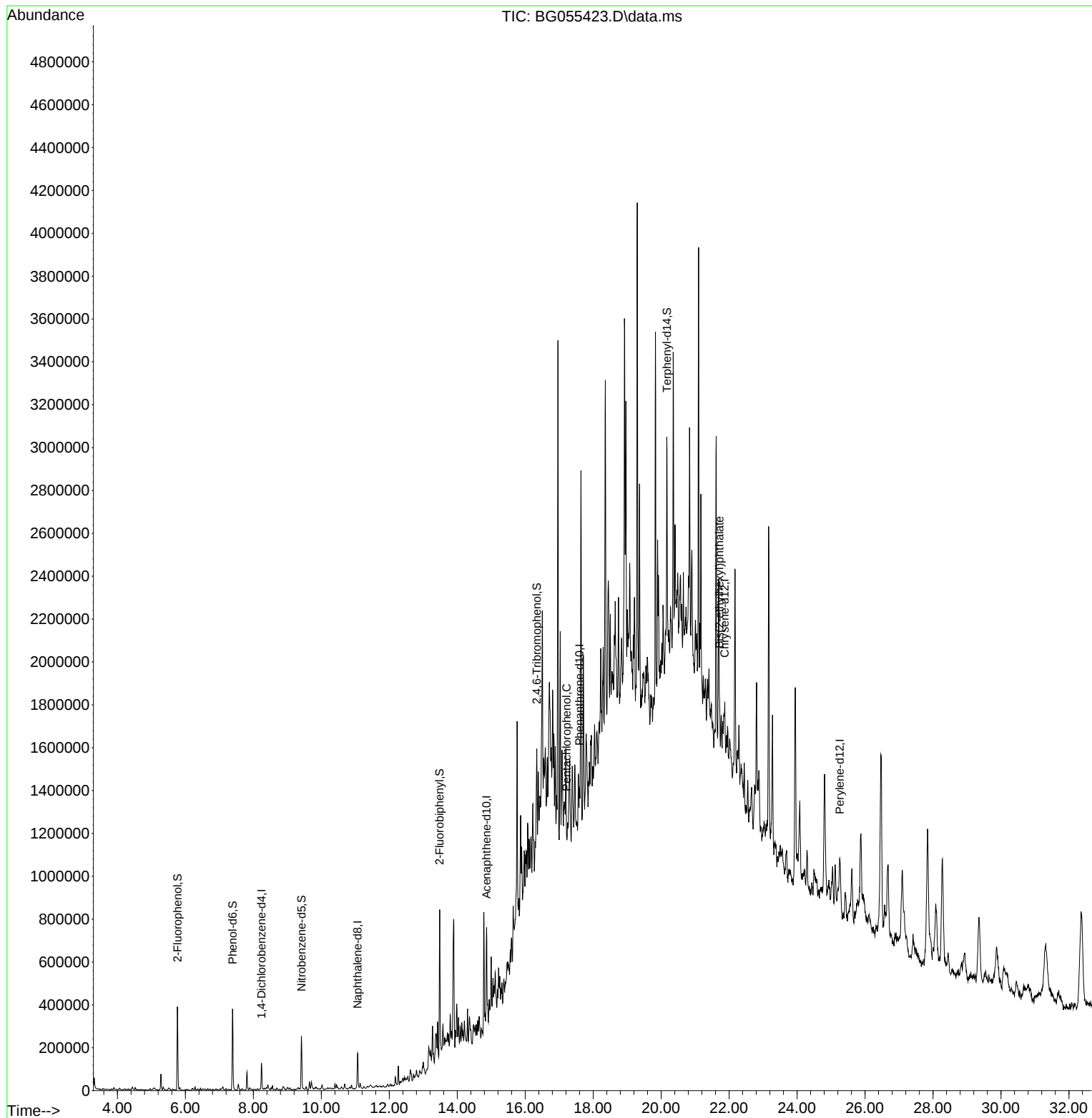
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	36159	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	148970	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	87306	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	168909	20.000	ng	0.00
76) Chrysene-d12	21.872	240	166442	20.000	ng	0.00
86) Perylene-d12	25.256	264	175816	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	186067	92.411	ng	0.00
7) Phenol-d6	7.389	99	237365	85.010	ng	0.00
23) Nitrobenzene-d5	9.416	82	154498	55.273	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	94112	79.028	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	370669	62.948	ng	0.00
79) Terphenyl-d14	20.168	244	506296	59.150	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.219	266	301	4.448	ng	# 38
84) Bis(2-ethylhexyl)phtha...	21.713	149	15668	2.202	ng	# 39

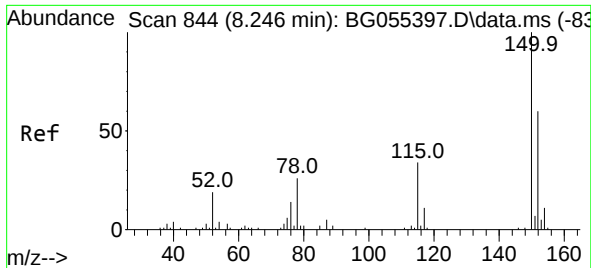
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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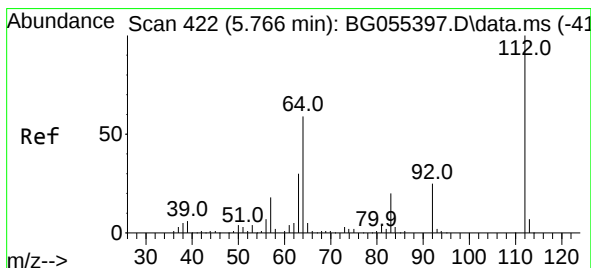
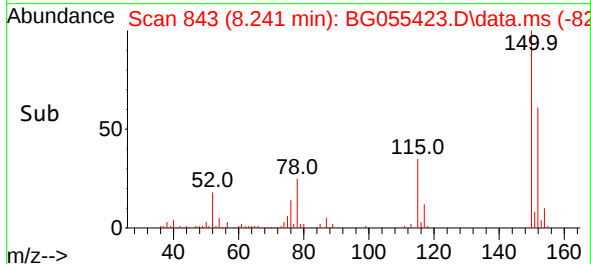
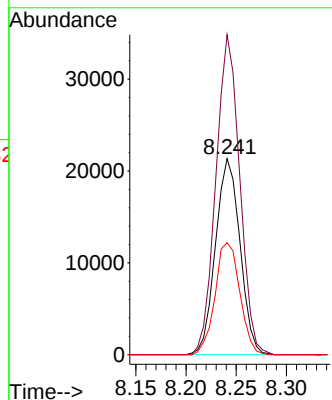
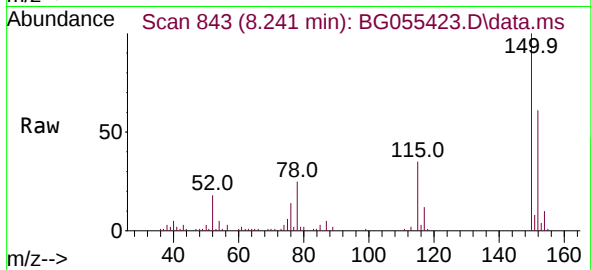




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

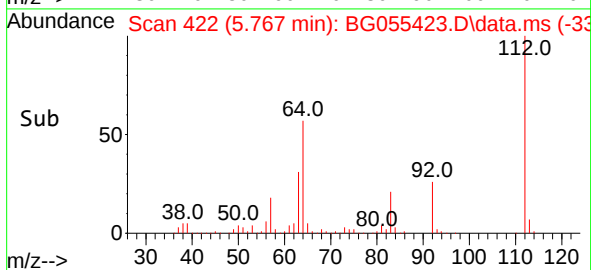
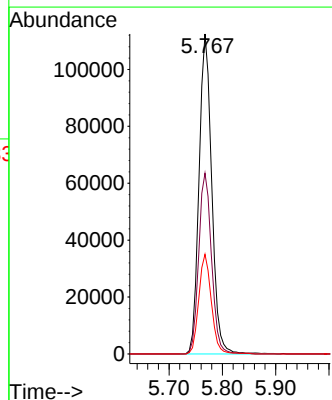
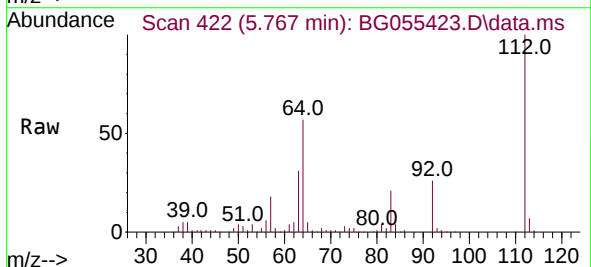
Instrument :
BNA_G
ClientSampleId :
20071

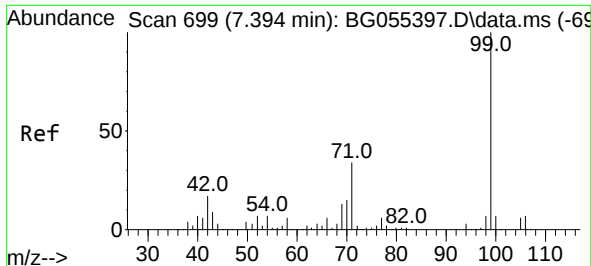
Tgt Ion:152 Resp: 36159
Ion Ratio Lower Upper
152 100
150 163.3 132.8 199.2
115 57.1 45.1 67.7



#5
2-Fluorophenol
Concen: 92.411 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

Tgt Ion:112 Resp: 186067
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 31.2 24.3 36.5

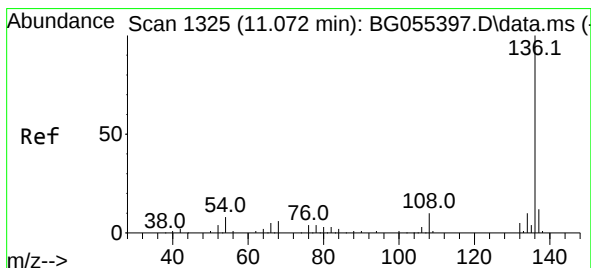
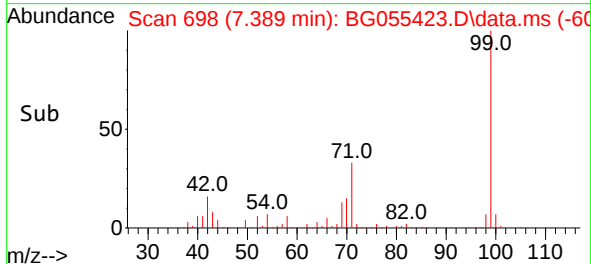
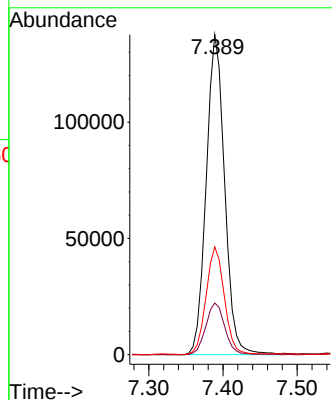
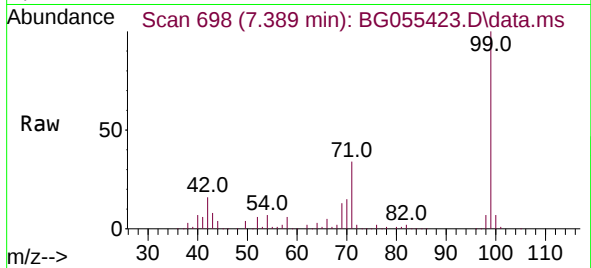




#7
Phenol-d6
Concen: 85.010 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

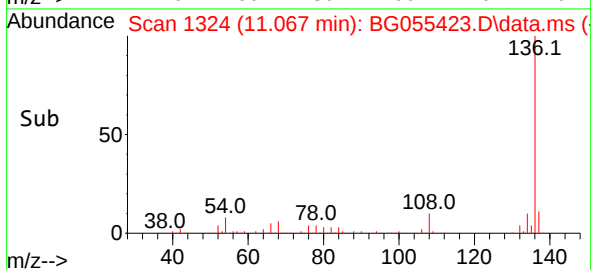
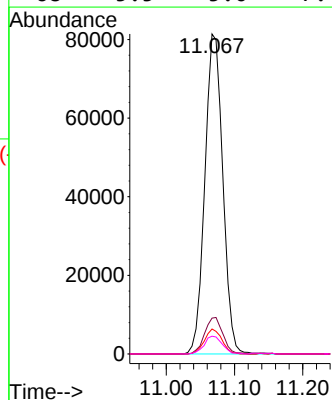
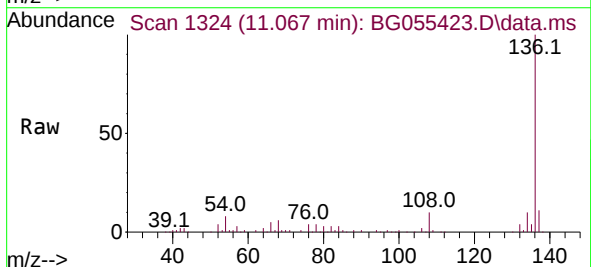
Instrument :
BNA_G
ClientSampleId :
20071

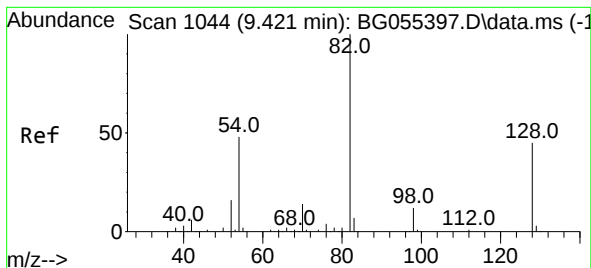
Tgt Ion: 99 Resp: 237365
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 33.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

Tgt Ion: 136 Resp: 148970
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 7.8 6.1 9.1
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 55.273 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055423.D

Acq: 2 Nov 2022 20:32

Instrument :

BNA_G

ClientSampleId :

20071

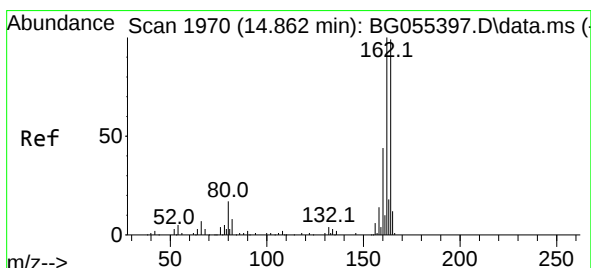
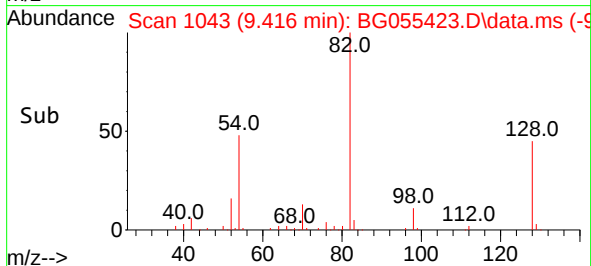
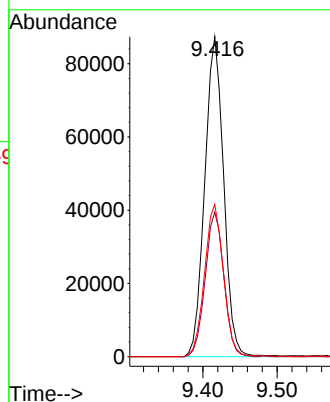
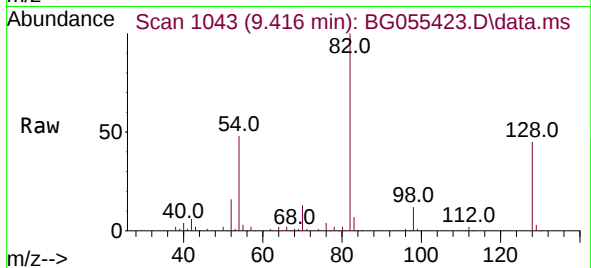
Tgt Ion: 82 Resp: 154498

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

54 47.6 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: BG055423.D

Acq: 2 Nov 2022 20:32

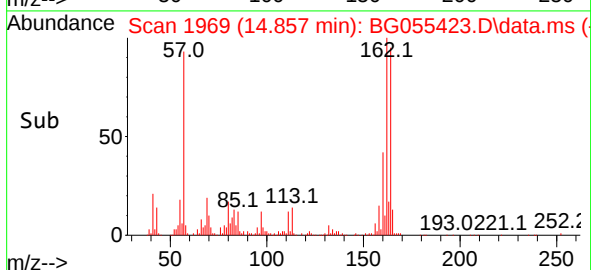
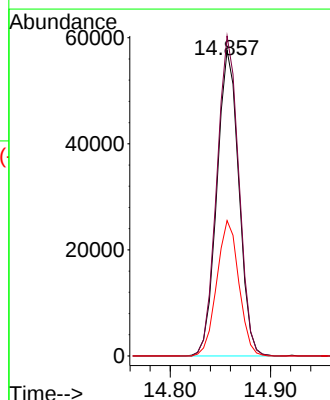
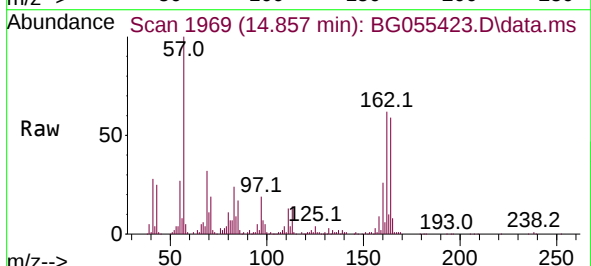
Tgt Ion:164 Resp: 87306

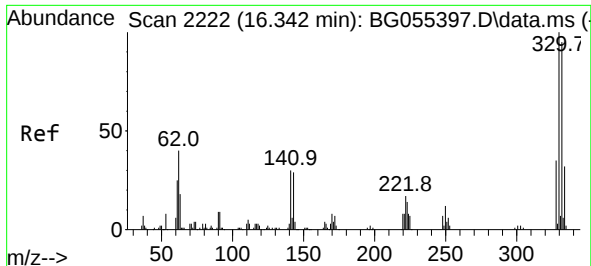
Ion Ratio Lower Upper

164 100

162 104.7 81.1 121.7

160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 79.028 ng

RT: 16.343 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055423.D

Acq: 2 Nov 2022 20:32

Instrument :

BNA_G

ClientSampleId :

20071

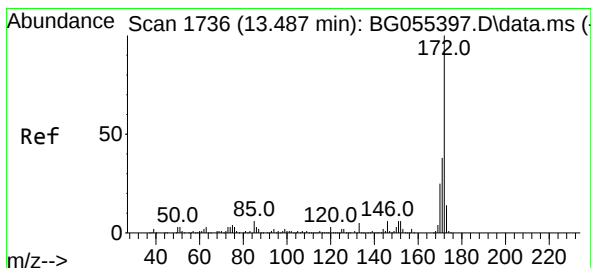
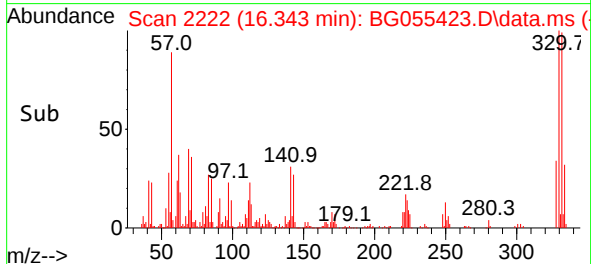
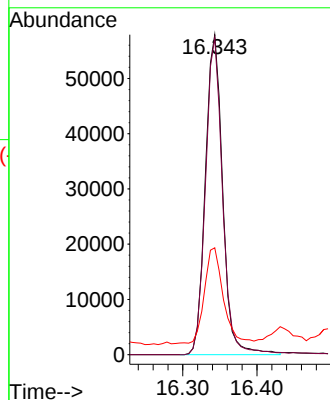
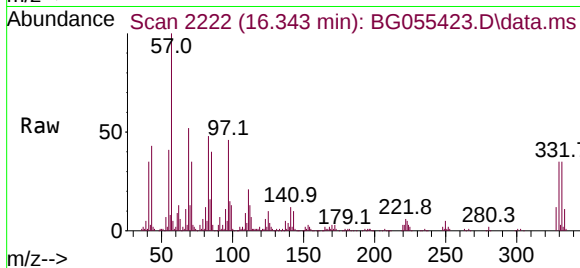
Tgt Ion:330 Resp: 94112

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

141 32.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 62.948 ng

RT: 13.482 min Scan# 1735

Delta R.T. -0.005 min

Lab File: BG055423.D

Acq: 2 Nov 2022 20:32

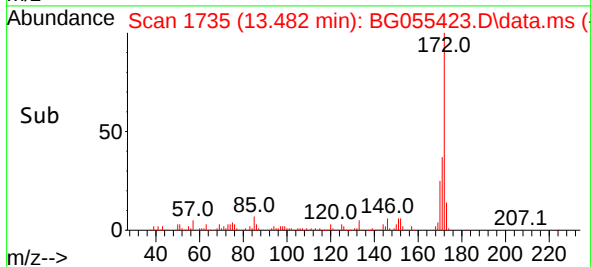
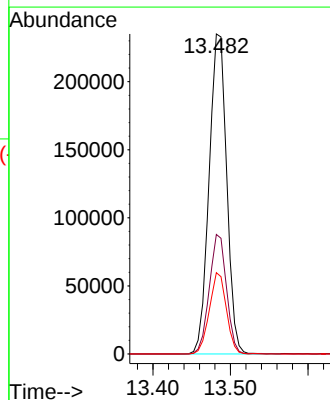
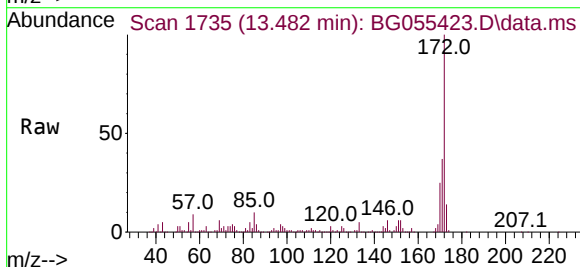
Tgt Ion:172 Resp: 370669

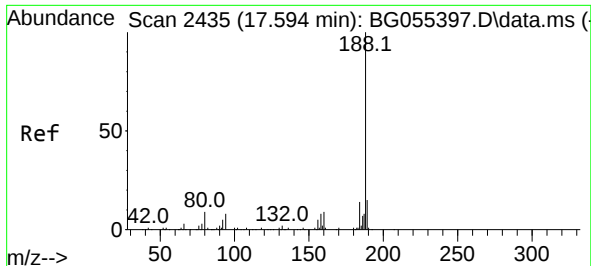
Ion Ratio Lower Upper

172 100

171 37.4 30.2 45.2

170 25.4 20.2 30.2

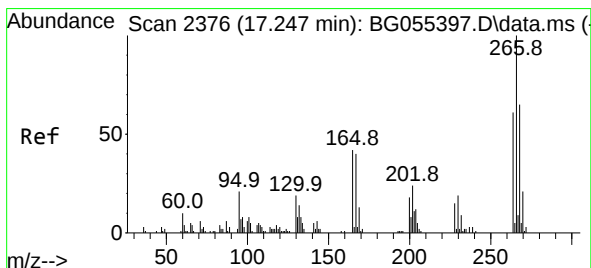
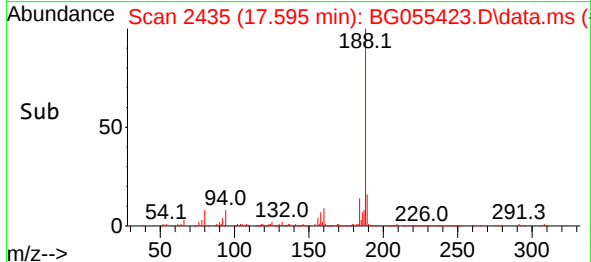
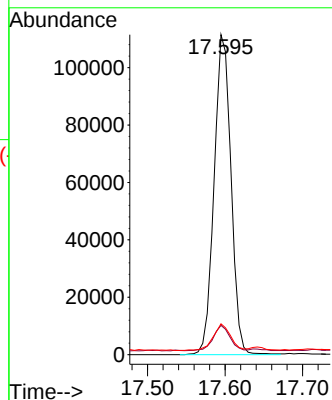
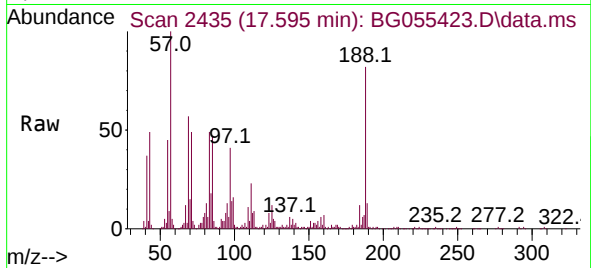




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

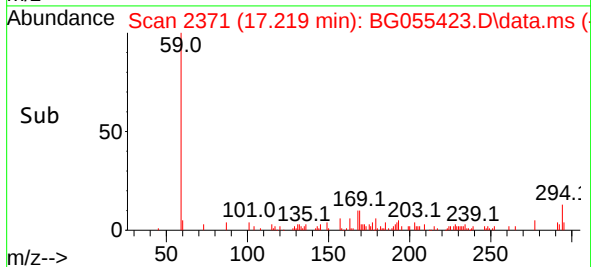
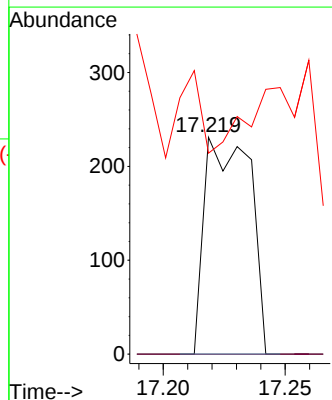
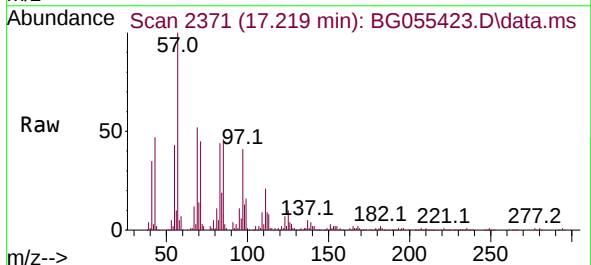
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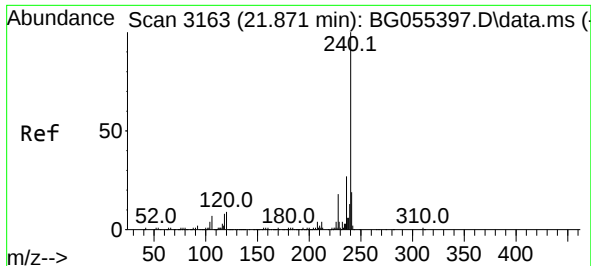
Tgt Ion:188 Resp: 168909
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 9.6 7.4 11.0



#70
Pentachlorophenol
Concen: 4.448 ng
RT: 17.219 min Scan# 2371
Delta R.T. -0.028 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

Tgt Ion:266 Resp: 301
Ion Ratio Lower Upper
266 100
268 0.0 52.2 78.4#
264 92.6 49.2 73.8#

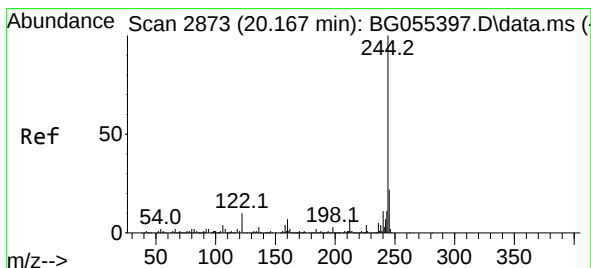
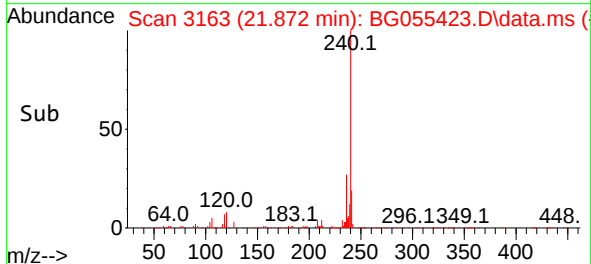
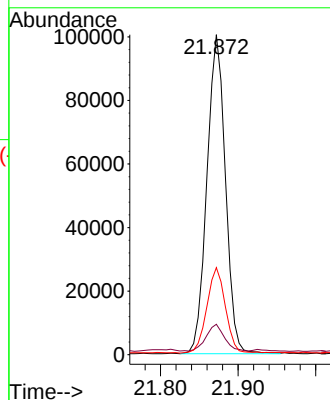
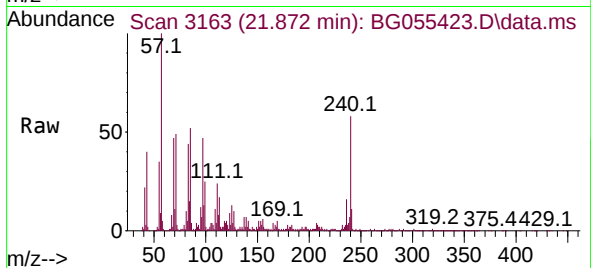




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3163
Delta R.T. 0.001 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

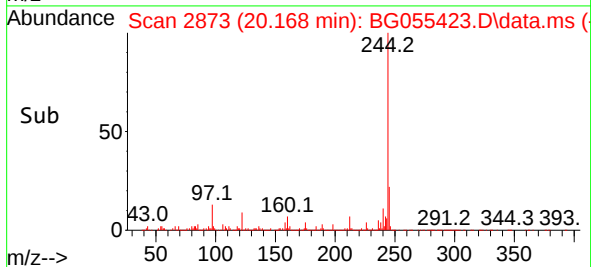
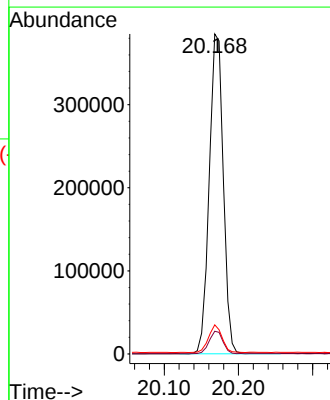
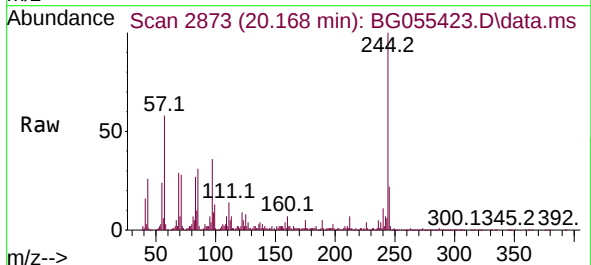
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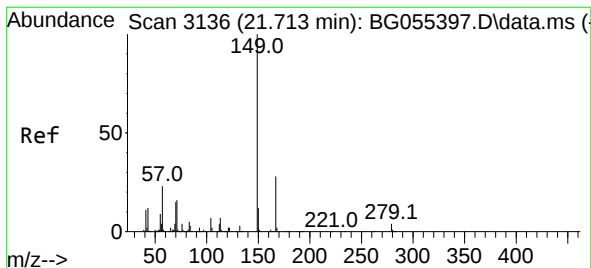
Tgt Ion:240 Resp: 166442
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 27.2 21.5 32.3



#79
Terphenyl-d14
Concen: 59.150 ng
RT: 20.168 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BG055423.D
Acq: 2 Nov 2022 20:32

Tgt Ion:244 Resp: 506296
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.1 7.8 11.6

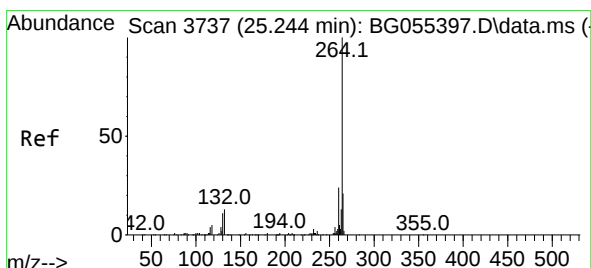
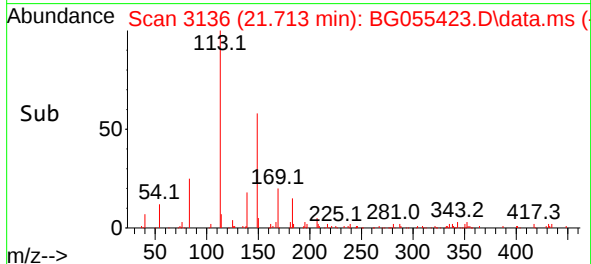
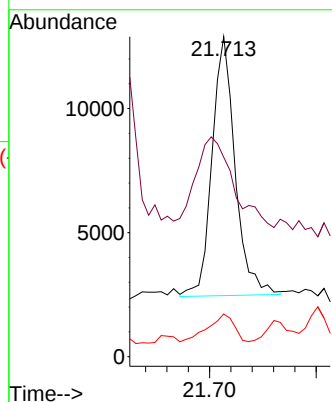
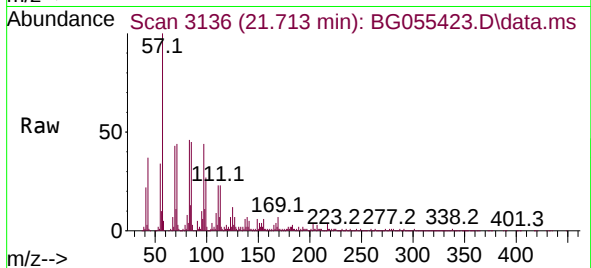




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.202 ng
 RT: 21.713 min Scan# 3136
 Delta R.T. 0.001 min
 Lab File: BG055423.D
 Acq: 2 Nov 2022 20:32

Instrument :
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Tgt Ion:149 Resp: 15668
 Ion Ratio Lower Upper
 149 100
 167 62.3 22.0 33.0#
 279 13.3 3.4 5.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.256 min Scan# 3739
 Delta R.T. 0.013 min
 Lab File: BG055423.D
 Acq: 2 Nov 2022 20:32

Tgt Ion:264 Resp: 175816
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 23.3 17.1 25.7

