

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055375.D
 Acq On : 29 Oct 2022 21:35
 Operator : CG/JU
 Sample : N5313-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-NW-QUARTER

Quant Time: Oct 31 02:45:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

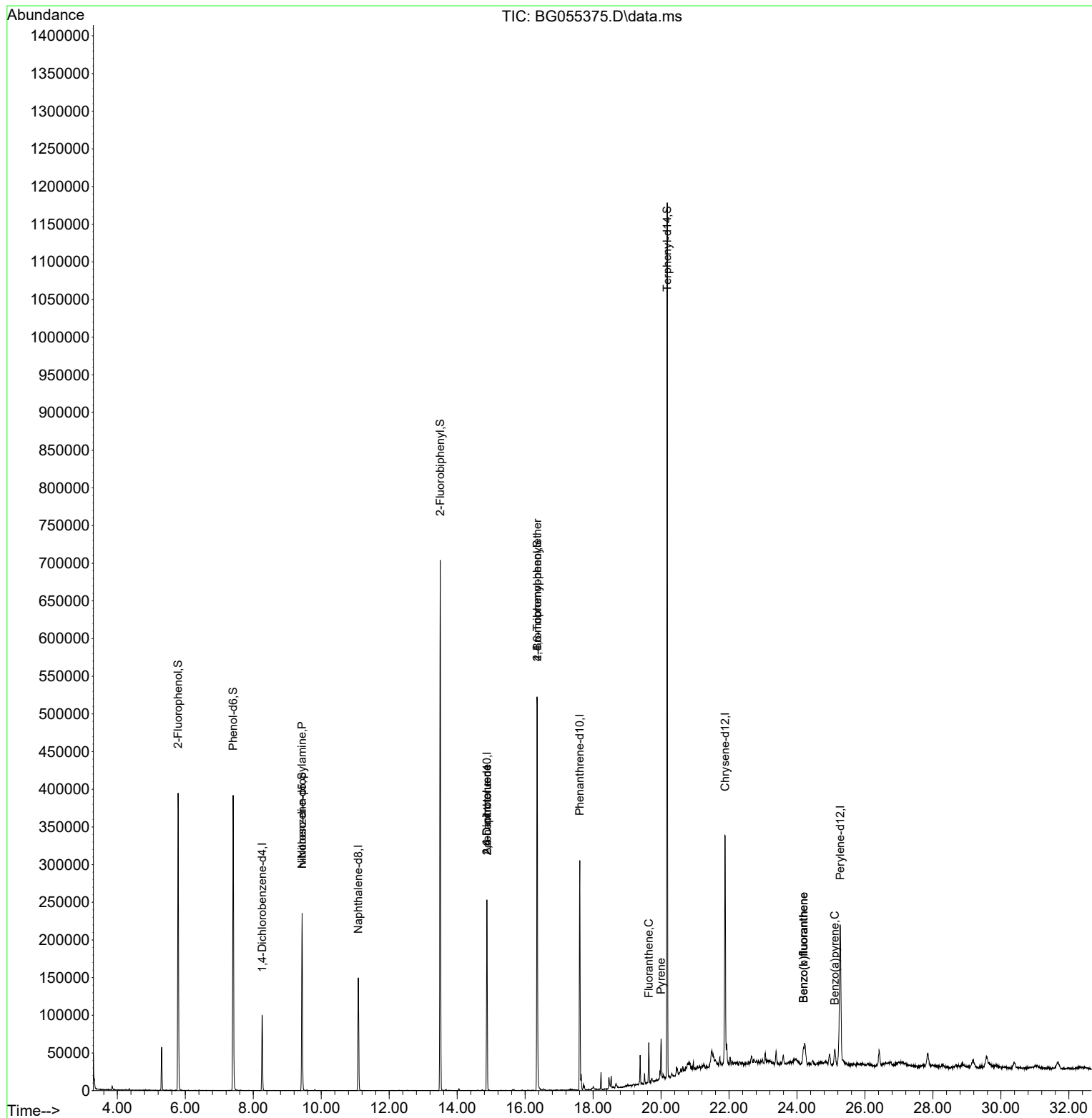
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	31381	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	135760	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	92232	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	200378	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	189110	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	204571	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	184279	102.823	ng	0.00
7) Phenol-d6	7.407	99	246163	94.806	ng	0.00
23) Nitrobenzene-d5	9.434	82	148138	55.719	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	115659	115.354	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	368226	65.346	ng	-0.01
79) Terphenyl-d14	20.180	244	576721	63.362	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	19266	8.935	ng	# 78
51) 2,6-Dinitrotoluene	14.875	165	11870	8.055	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	11870	5.551	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	7487	3.846	ng	# 1
75) Fluoranthene	19.640	202	33043	2.654	ng	96
78) Pyrene	19.998	202	34423	2.656	ng	96
88) Benzo(b)fluoranthene	24.193	252	27988	2.274	ng	95
89) Benzo(k)fluoranthene	24.193	252	27988	2.252	ng	97
90) Benzo(a)pyrene	25.110	252	22701	2.151	ng	95

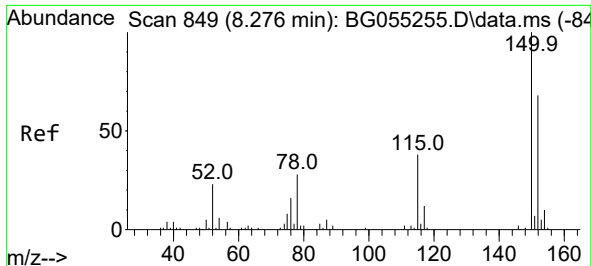
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
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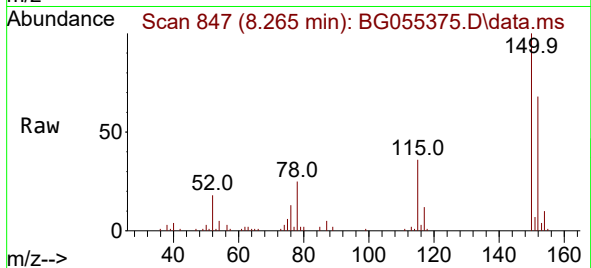
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



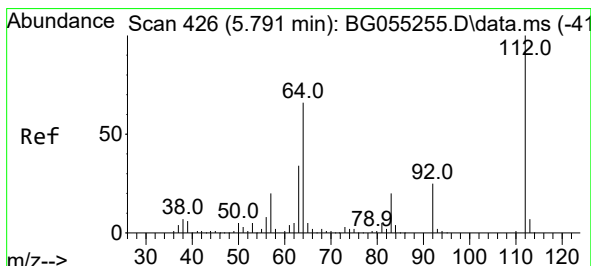
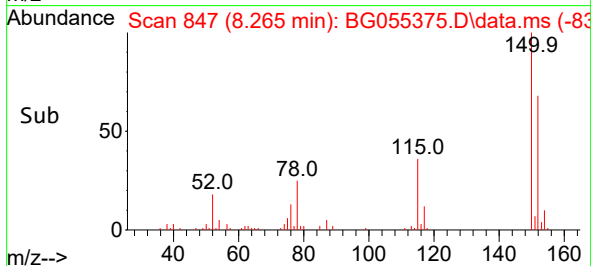
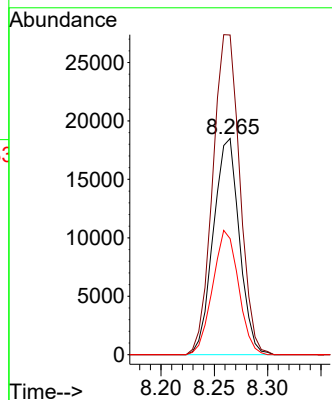


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

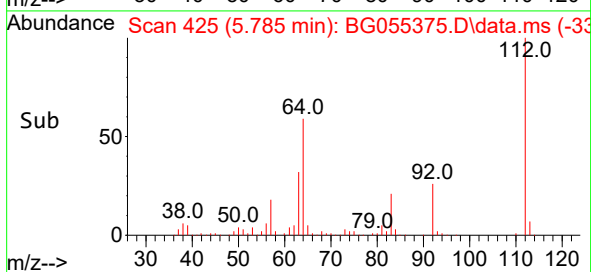
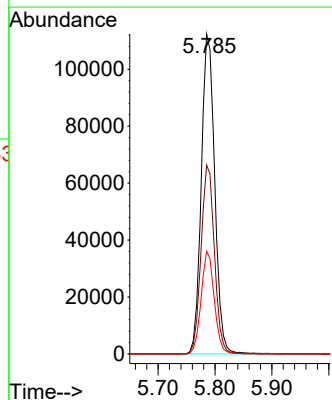
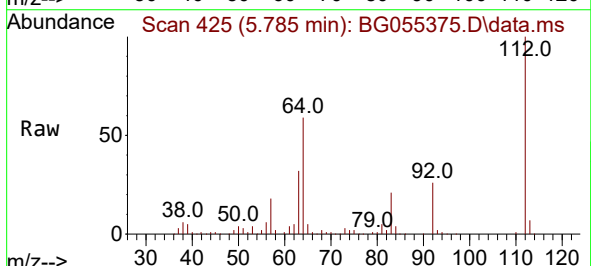


Tgt Ion:152 Resp: 31381
Ion Ratio Lower Upper
152 100
150 147.9 118.2 177.4
115 53.7 44.5 66.7



#5
2-Fluorophenol
Concen: 102.823 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:112 Resp: 184279
Ion Ratio Lower Upper
112 100
64 59.1 52.6 78.8
63 32.1 27.1 40.7

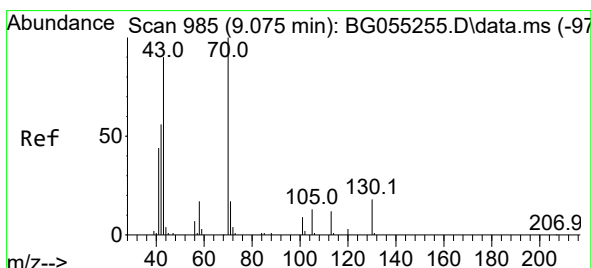
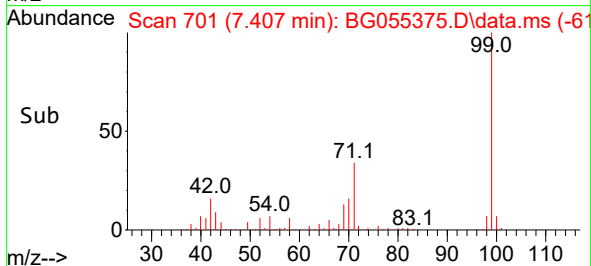
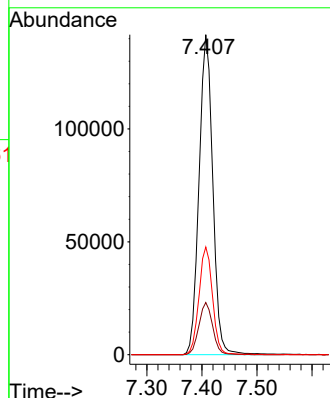
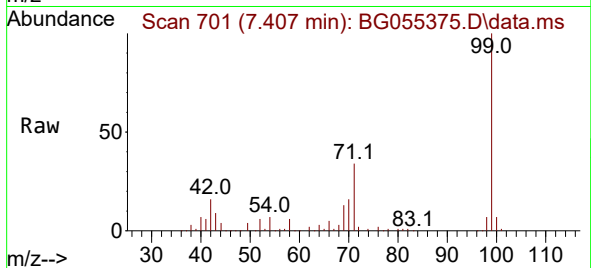




#7
Phenol-d6
Concen: 94.806 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

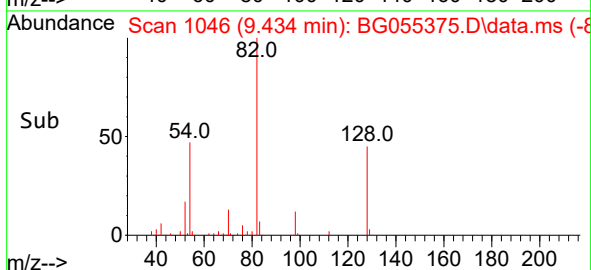
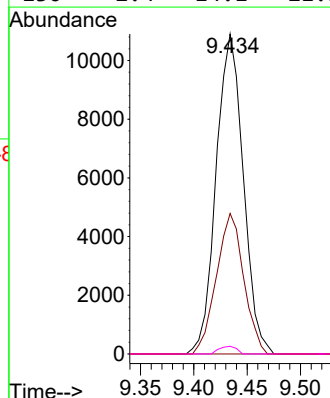
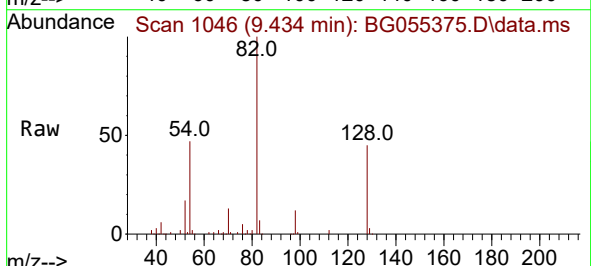
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

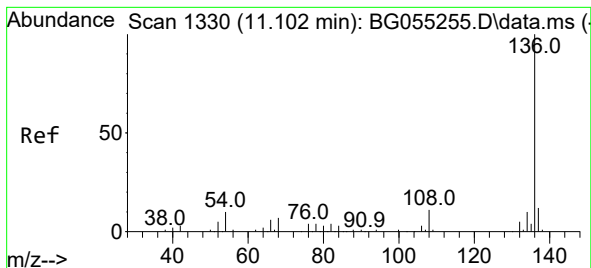
Tgt Ion: 99 Resp: 246163
Ion Ratio Lower Upper
99 100
42 16.3 15.2 22.8
71 33.7 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.935 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion: 70 Resp: 19266
Ion Ratio Lower Upper
70 100
42 43.9 45.8 68.6#
101 0.0 7.4 11.0#
130 2.4 14.1 21.1#

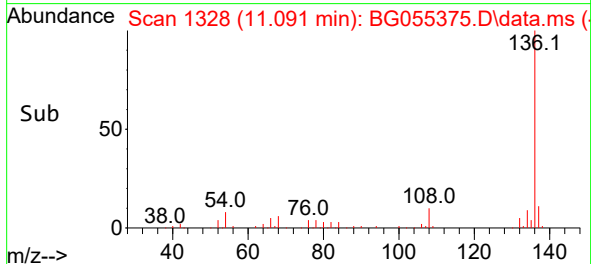
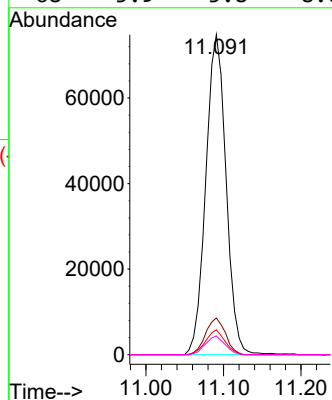
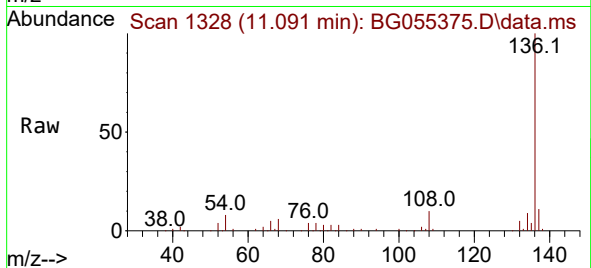




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

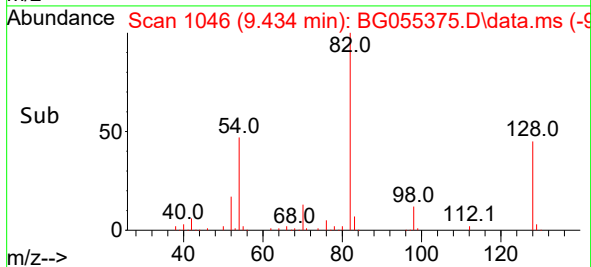
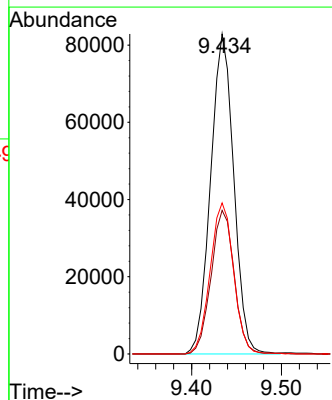
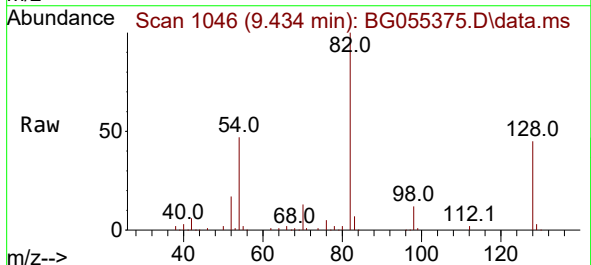
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

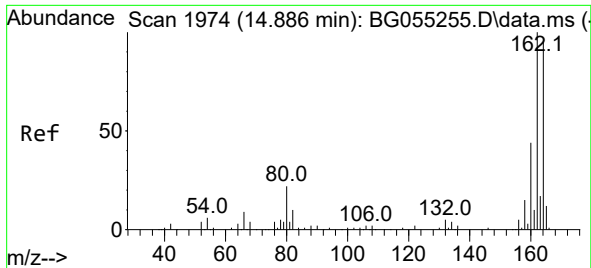
Tgt Ion:136 Resp: 135760
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.8 7.8 11.8#
68 5.9 5.8 8.6



#23
Nitrobenzene-d5
Concen: 55.719 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion: 82 Resp: 148138
Ion Ratio Lower Upper
82 100
128 44.9 32.0 48.0
54 47.2 40.9 61.3

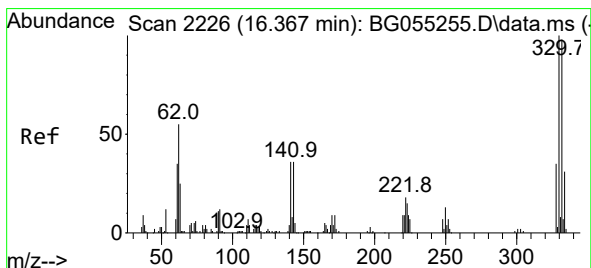
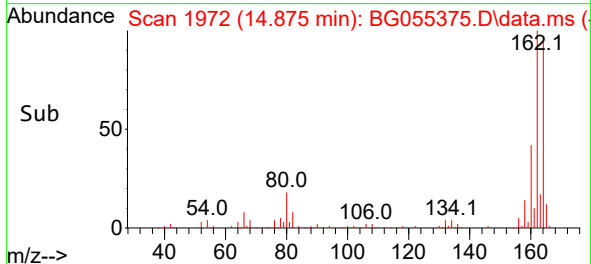
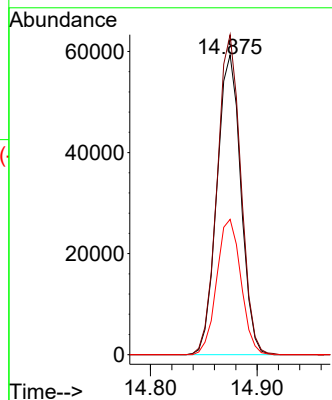
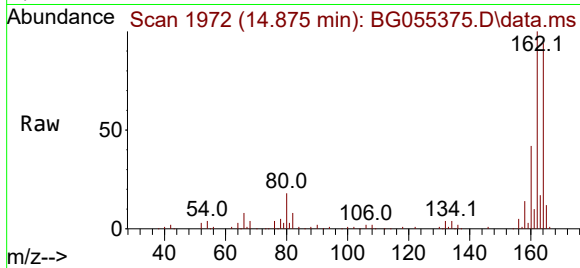




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

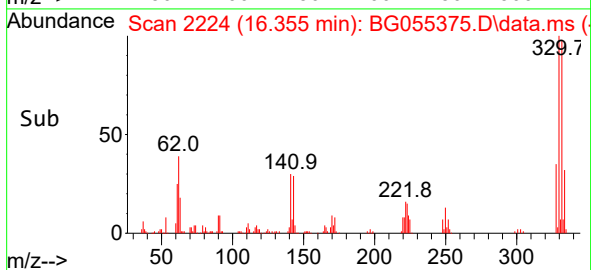
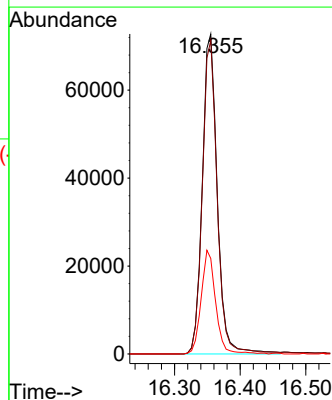
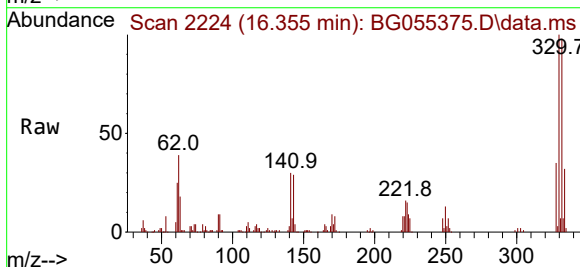
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

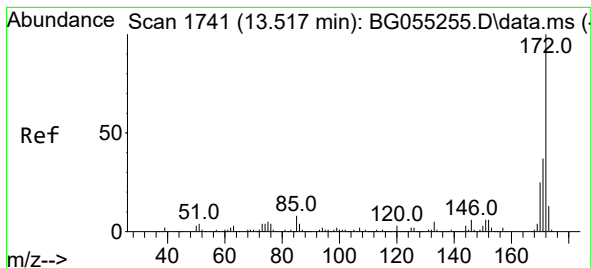
Tgt Ion:164 Resp: 92232
Ion Ratio Lower Upper
164 100
162 106.7 84.0 126.0
160 45.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 115.354 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:330 Resp: 115659
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 31.4 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 65.346 ng

RT: 13.500 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG055375.D

Acq: 29 Oct 2022 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER

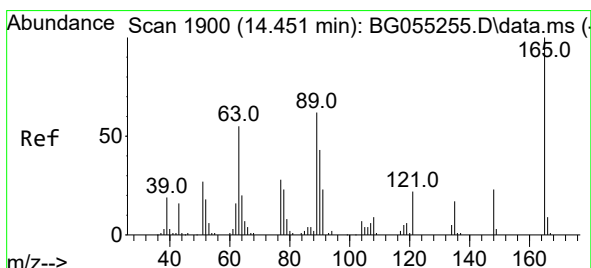
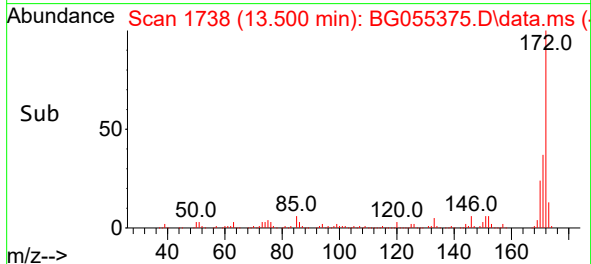
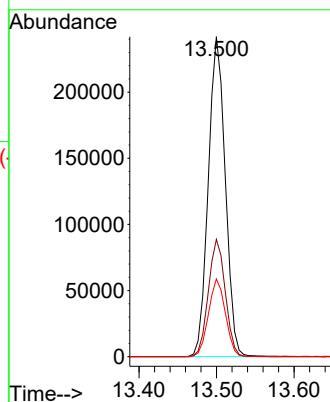
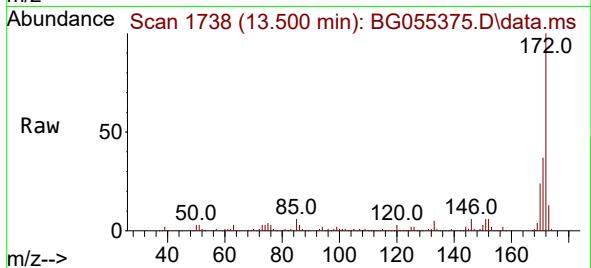
Tgt Ion:172 Resp: 368226

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.3 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 8.055 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.423 min

Lab File: BG055375.D

Acq: 29 Oct 2022 21:35

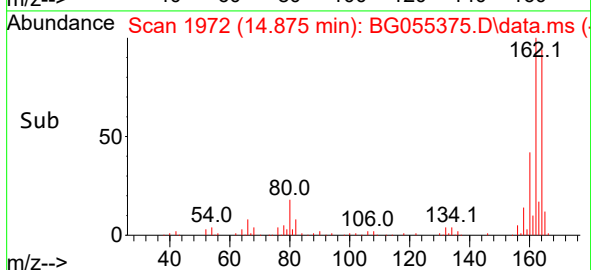
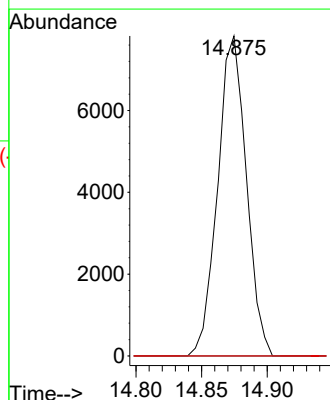
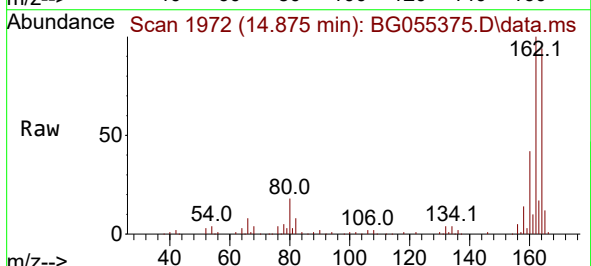
Tgt Ion:165 Resp: 11870

Ion Ratio Lower Upper

165 100

63 0.0 49.2 73.8#

89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.551 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055375.D

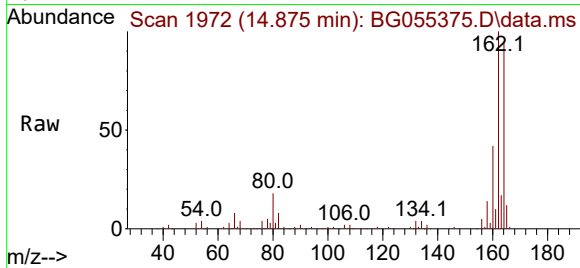
Acq: 29 Oct 2022 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER



Tgt Ion:165 Resp: 11870

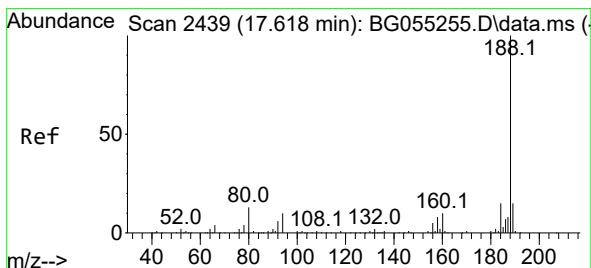
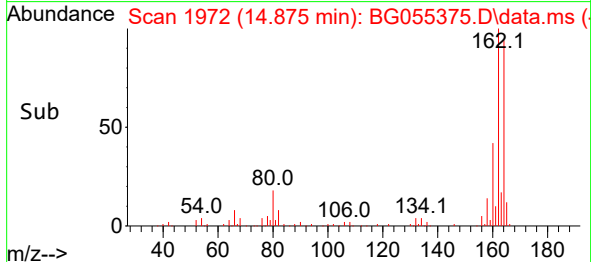
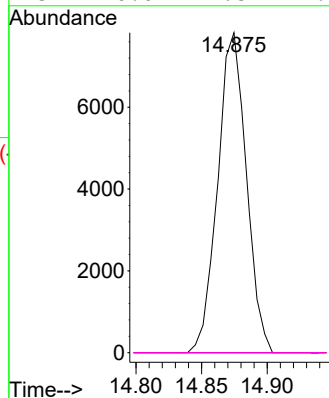
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055375.D

Acq: 29 Oct 2022 21:35

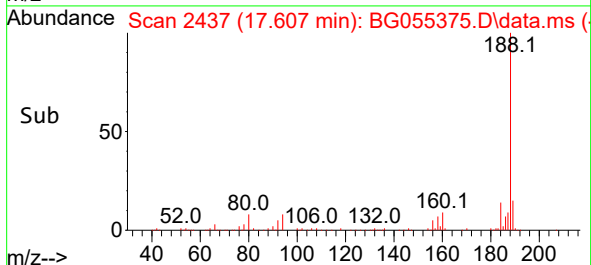
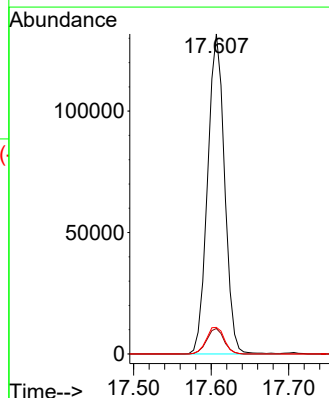
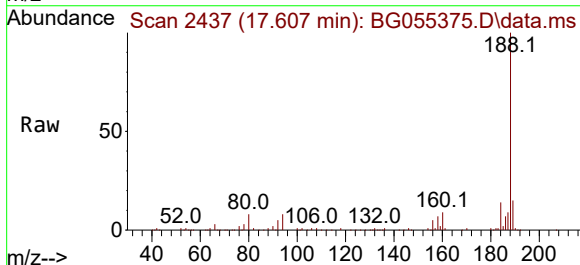
Tgt Ion:188 Resp: 200378

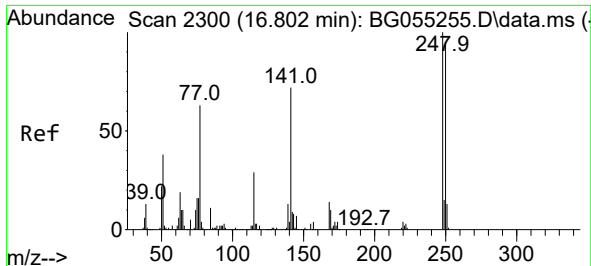
Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

80 8.3 10.1 15.1#

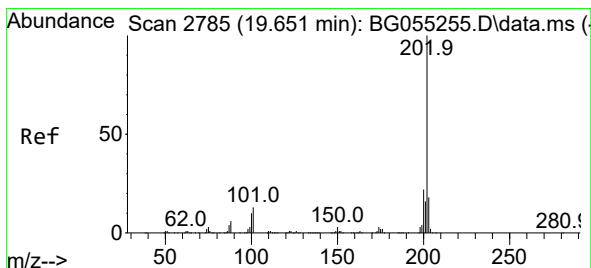
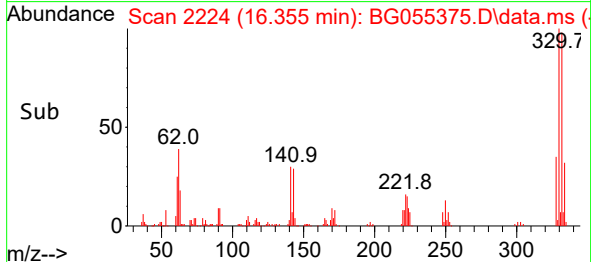
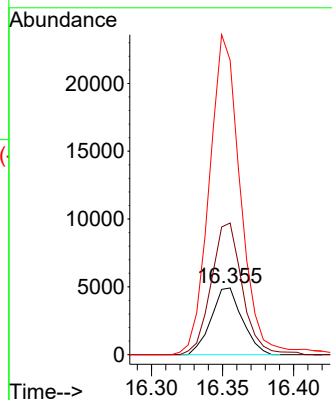
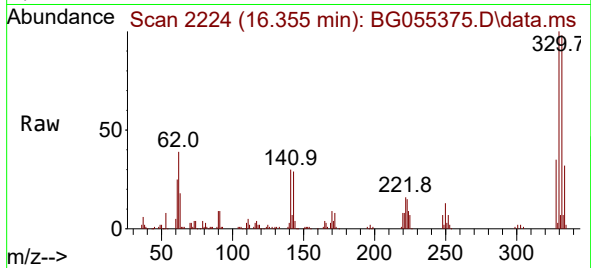




#67
4-Bromophenyl-phenylether
Concen: 3.846 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

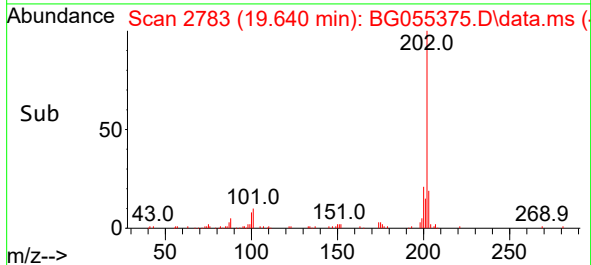
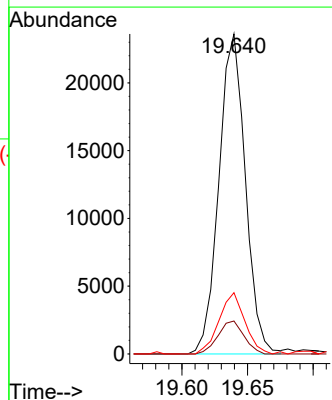
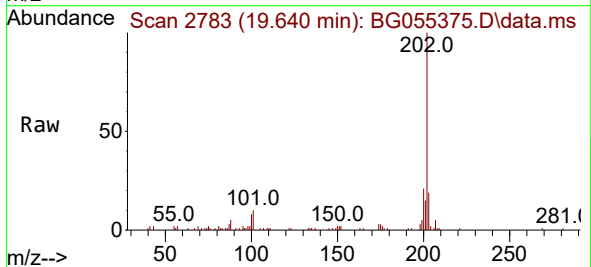
Instrument :
BNA_G
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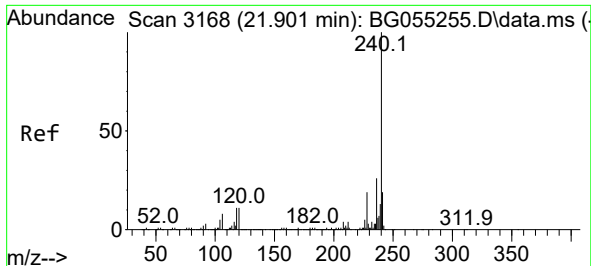
Tgt Ion:248 Resp: 7487
Ion Ratio Lower Upper
248 100
250 197.2 76.0 114.0#
141 441.4 58.0 87.0#



#75
Fluoranthene
Concen: 2.654 ng
RT: 19.640 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:202 Resp: 33043
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.6
203 19.2 0.0 38.3

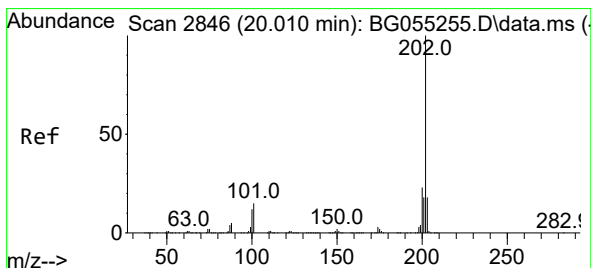
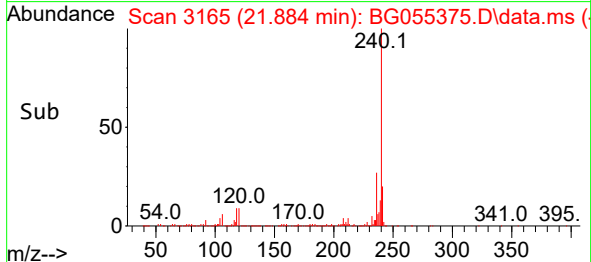
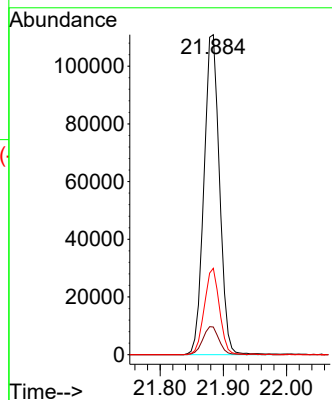
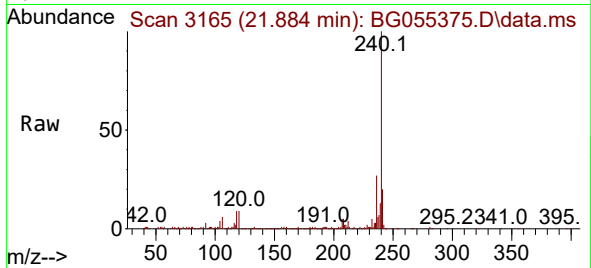




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

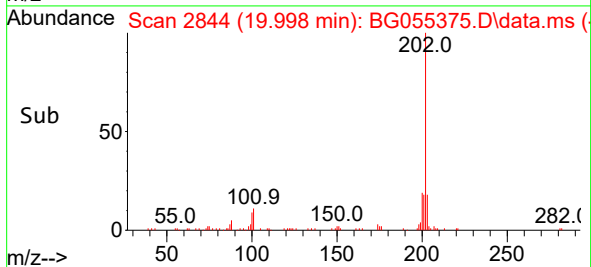
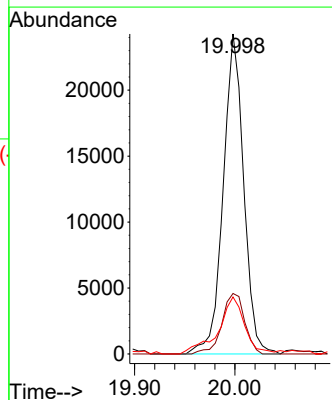
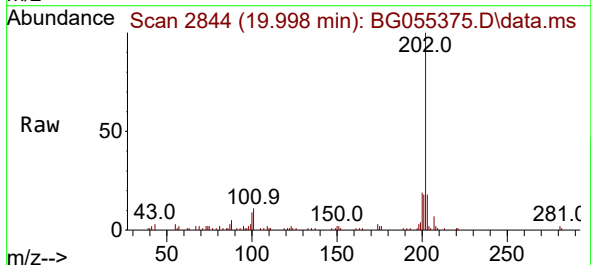
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

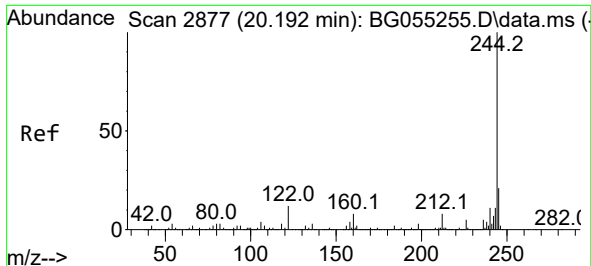
Tgt Ion:240 Resp: 189110
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 27.0 21.0 31.4



#78
Pyrene
Concen: 2.656 ng
RT: 19.998 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:202 Resp: 34423
Ion Ratio Lower Upper
202 100
200 18.9 18.0 27.0
203 17.8 14.3 21.5

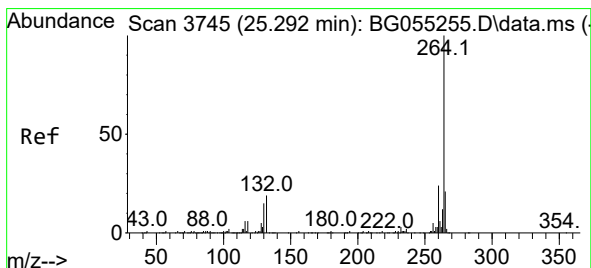
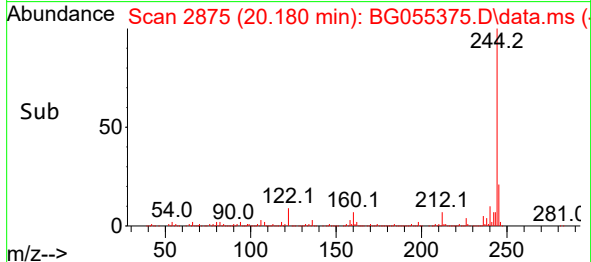
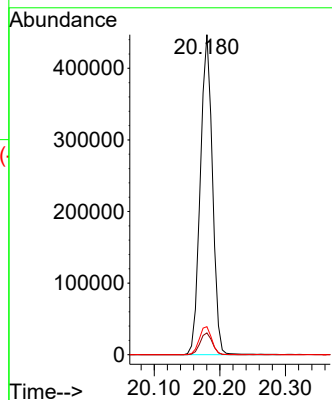
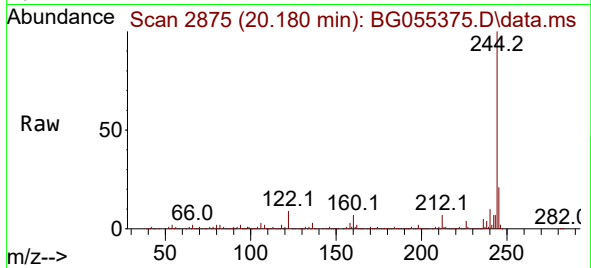




#79
 Terphenyl-d14
 Concen: 63.362 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055375.D
 Acq: 29 Oct 2022 21:35

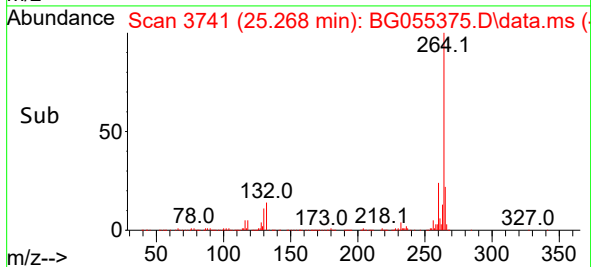
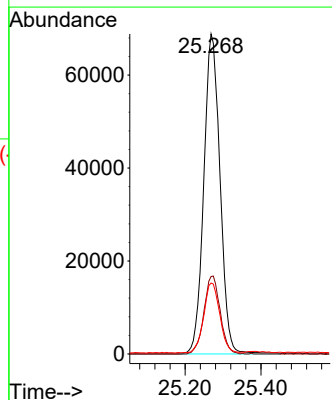
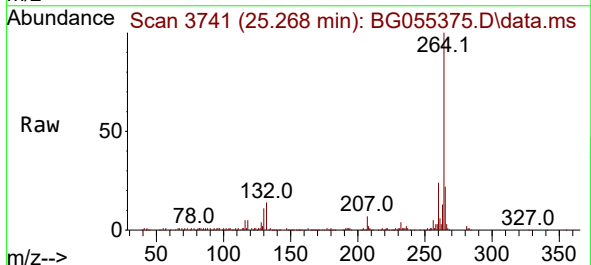
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-NW-QUARTER

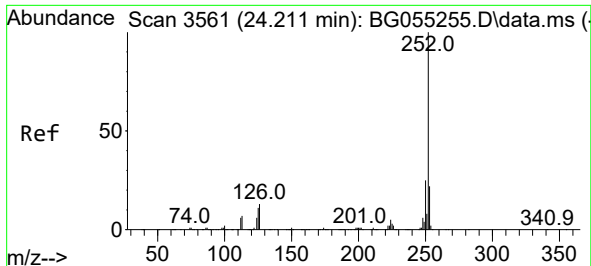
Tgt Ion:244 Resp: 576721
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.7 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3741
 Delta R.T. -0.018 min
 Lab File: BG055375.D
 Acq: 29 Oct 2022 21:35

Tgt Ion:264 Resp: 204571
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.2 17.4 26.2

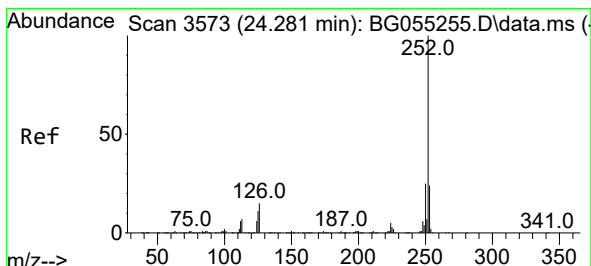
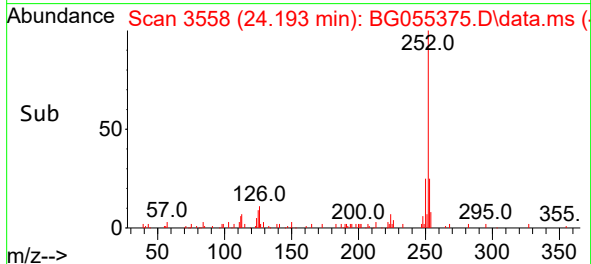
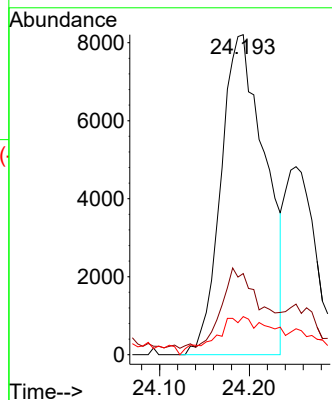
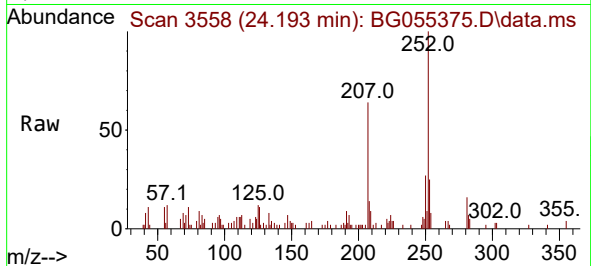




#88
Benzo(b)fluoranthene
Concen: 2.274 ng
RT: 24.193 min Scan# 3558
Delta R.T. -0.006 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

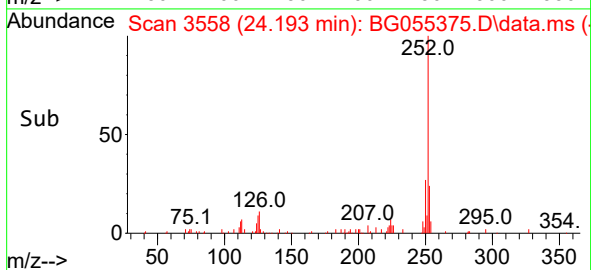
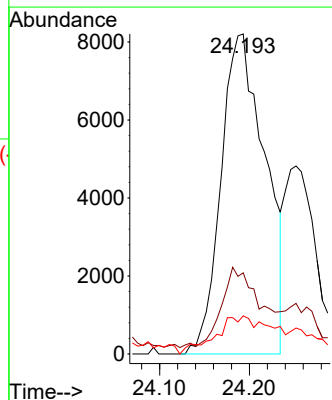
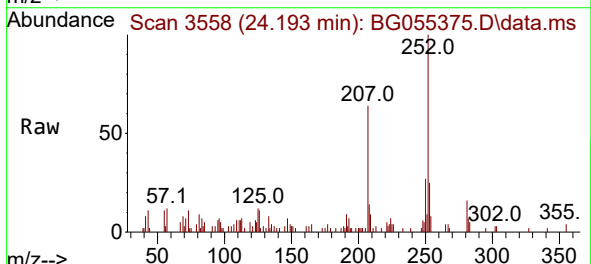
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-NW-QUARTER

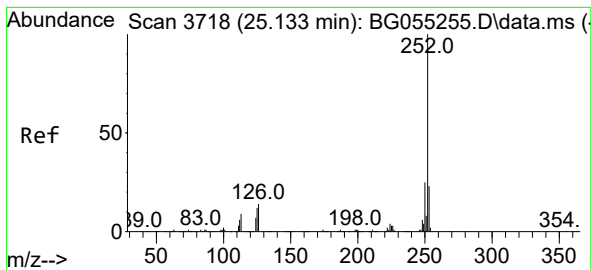
Tgt Ion:252 Resp: 27988
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 11.9 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 2.252 ng
RT: 24.193 min Scan# 3558
Delta R.T. -0.082 min
Lab File: BG055375.D
Acq: 29 Oct 2022 21:35

Tgt Ion:252 Resp: 27988
Ion Ratio Lower Upper
252 100
253 25.3 18.6 27.8
125 11.9 9.1 13.7





#90

Benzo(a)pyrene

Concen: 2.151 ng

RT: 25.110 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG055375.D

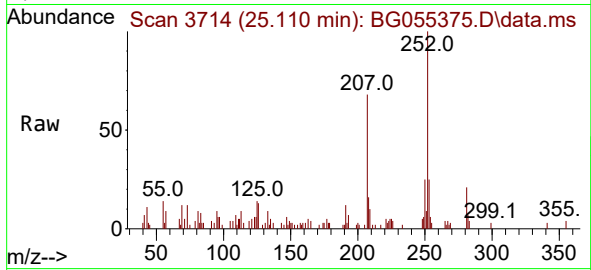
Acq: 29 Oct 2022 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-NW-QUARTER



Tgt Ion:252 Resp: 22701

Ion Ratio Lower Upper

252 100

253 25.5 18.2 27.2

125 14.0 9.8 14.8

