

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055326.D
 Acq On : 27 Oct 2022 16:35
 Operator : CG/JU
 Sample : N5265-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11976

Quant Time: Oct 27 17:33:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

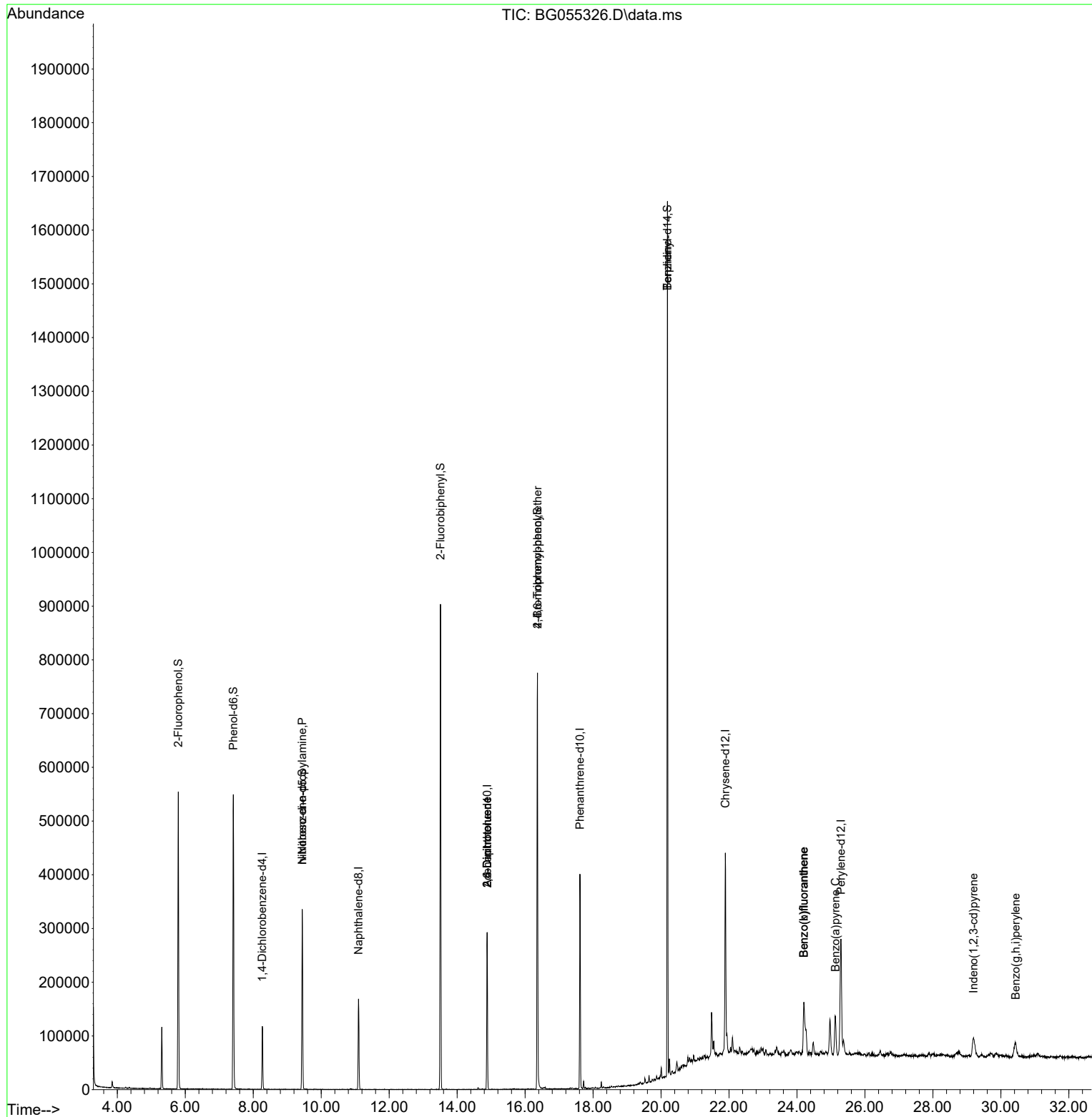
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	34160	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	147603	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	104867	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	241415	20.000	ng	0.00
76) Chrysene-d12	21.892	240	217656	20.000	ng	0.00
86) Perylene-d12	25.294	264	234898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	247077	126.647	ng	0.00
7) Phenol-d6	7.415	99	337461	119.395	ng	0.00
23) Nitrobenzene-d5	9.442	82	210118	72.690	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	156613	137.380	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	474420	74.047	ng	0.00
79) Terphenyl-d14	20.188	244	781390	74.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.442	70	27665	11.787	ng	# 78
51) 2,6-Dinitrotoluene	14.883	165	13745	8.204	ng	# 19
57) 2,4-Dinitrotoluene	14.883	165	13745	5.653	ng	# 18
67) 4-Bromophenyl-phenylether	16.363	248	10172	4.337	ng	# 1
77) Benzidine	20.188	184	11814	2.242	ng	# 88
87) Indeno(1,2,3-cd)pyrene	29.195	276	62467	3.601	ng	# 94
88) Benzo(b)fluoranthene	24.201	252	122397	8.662	ng	99
89) Benzo(k)fluoranthene	24.201	252	122397	8.579	ng	98
90) Benzo(a)pyrene	25.130	252	80112	6.612	ng	98
92) Benzo(g,h,i)perylene	30.435	276	56766	4.020	ng	97

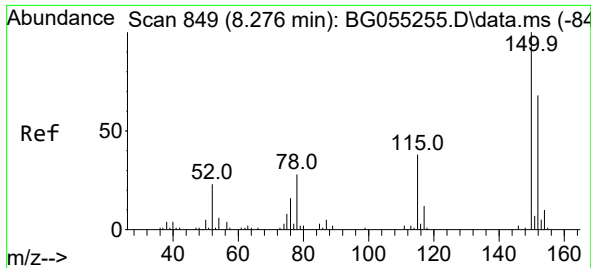
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
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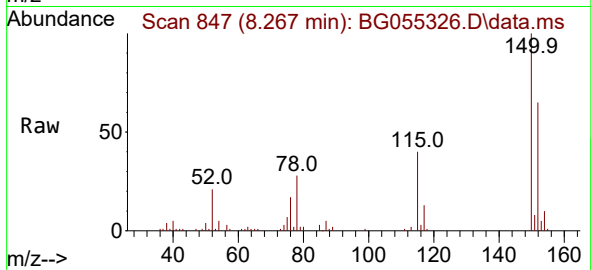
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



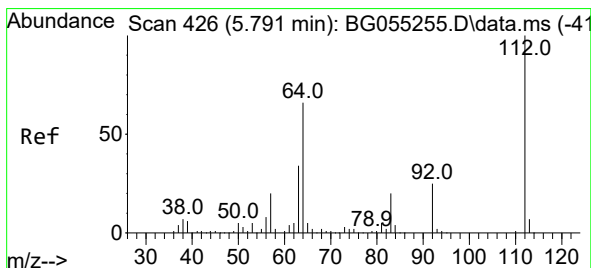
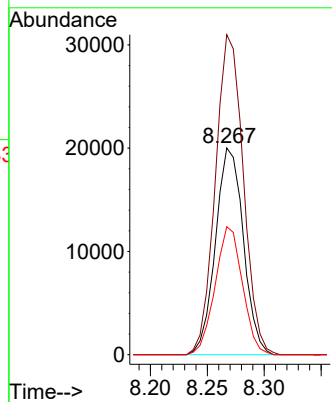
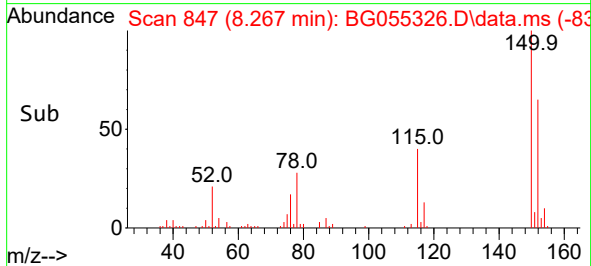


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 849
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

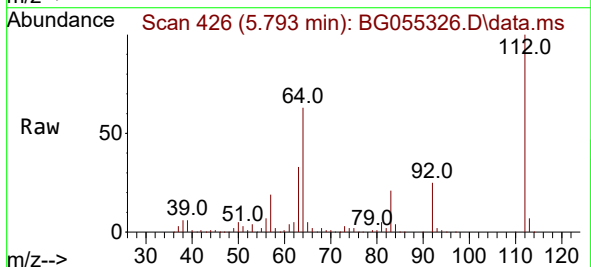
Instrument :
BNA_G
ClientSampleId :
72-11976



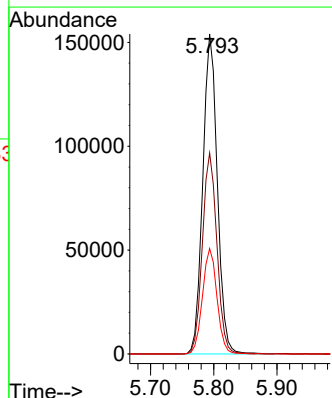
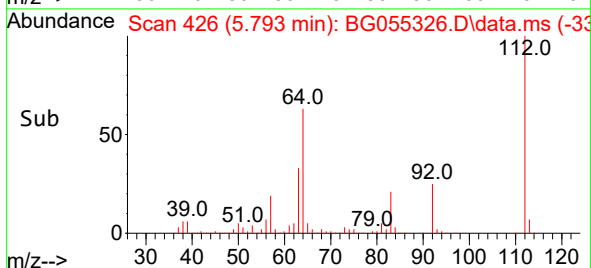
Tgt Ion:152 Resp: 34160
Ion Ratio Lower Upper
152 100
150 154.8 118.2 177.4
115 61.9 44.5 66.7

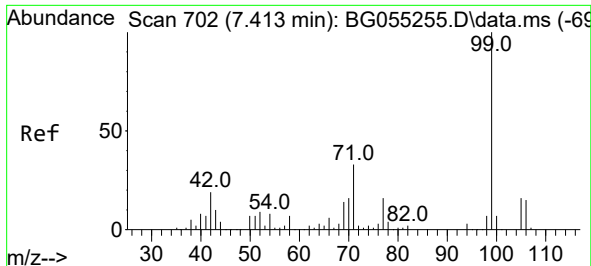


#5
2-Fluorophenol
Concen: 126.647 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35



Tgt Ion:112 Resp: 247077
Ion Ratio Lower Upper
112 100
64 62.8 52.6 78.8
63 33.0 27.1 40.7

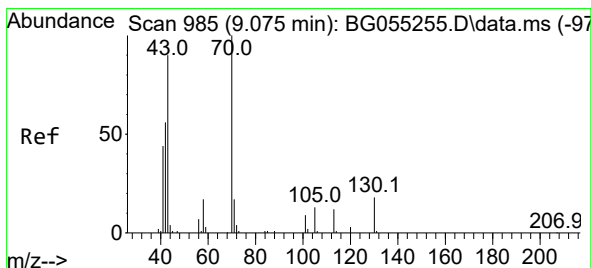
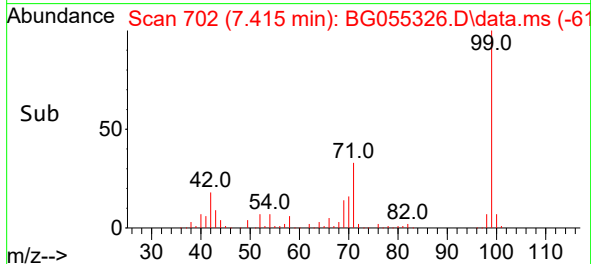
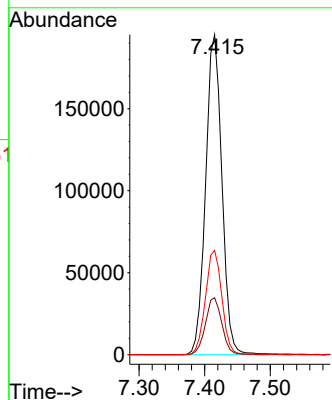
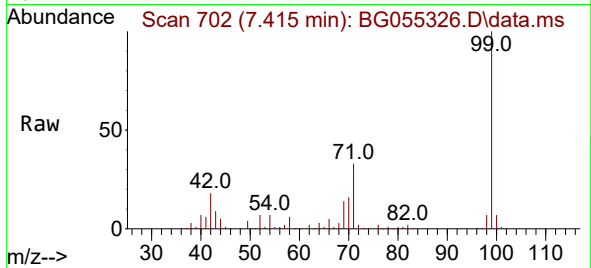




#7
Phenol-d6
Concen: 119.395 ng
RT: 7.415 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

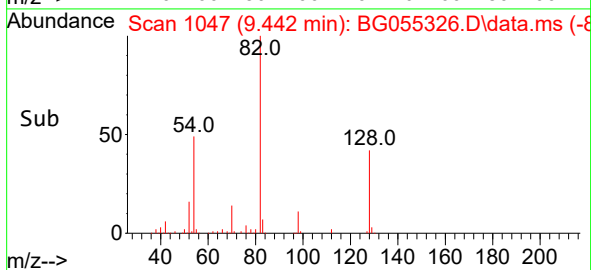
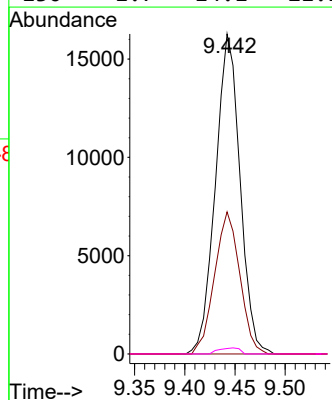
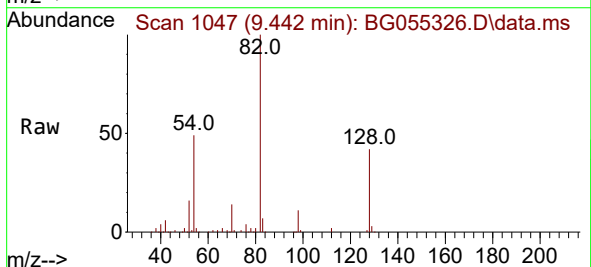
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ClientSampleId :
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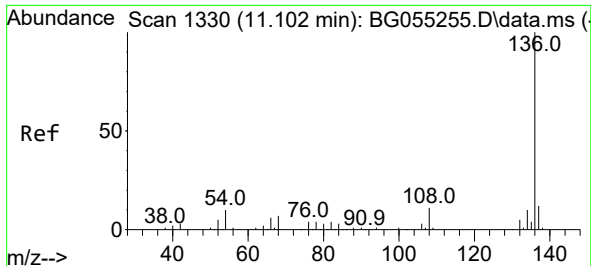
Tgt Ion: 99 Resp: 337461
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 32.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.787 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.367 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion: 70 Resp: 27665
Ion Ratio Lower Upper
70 100
42 44.4 45.8 68.6#
101 0.0 7.4 11.0#
130 1.7 14.1 21.1#

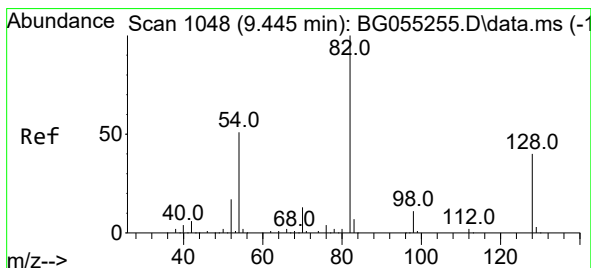
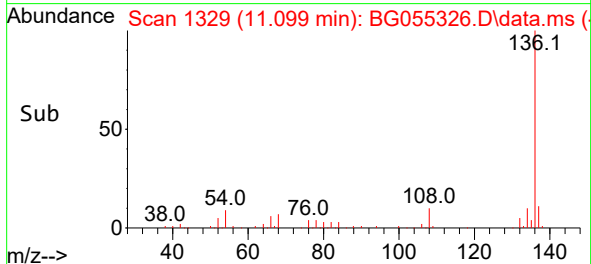
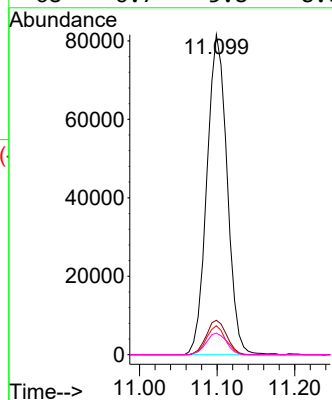
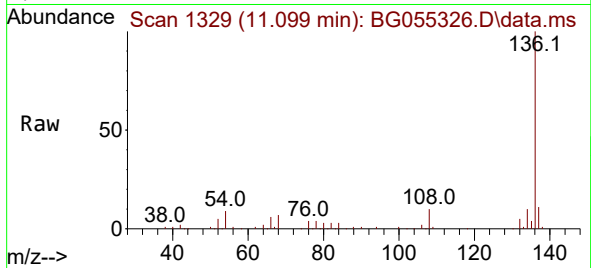




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

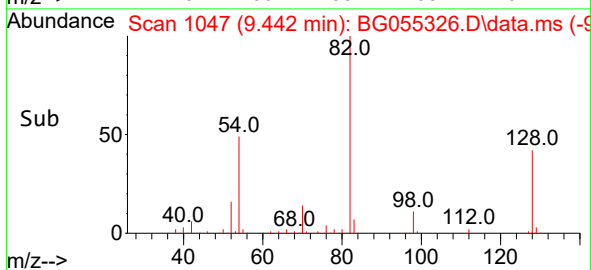
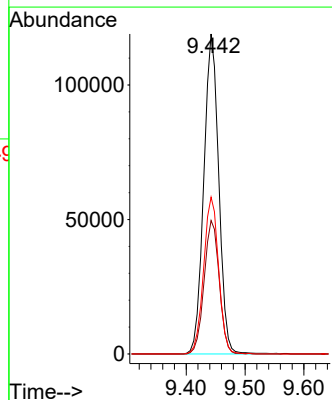
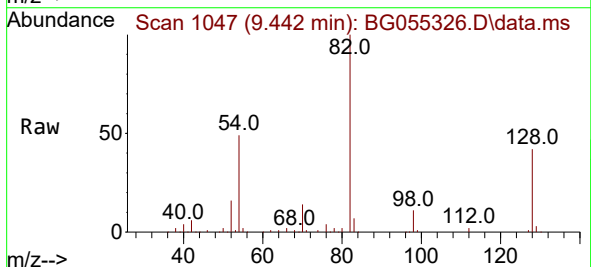
Instrument :
BNA_G
ClientSampleId :
72-11976

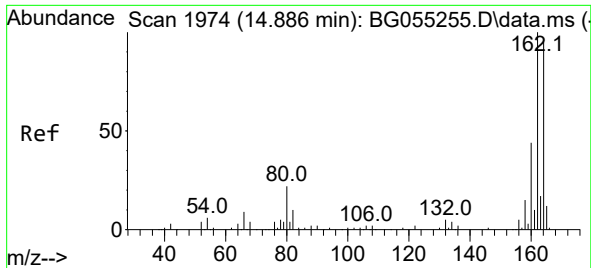
Tgt Ion:136 Resp: 147603
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.0 7.8 11.8
68 6.7 5.8 8.6



#23
Nitrobenzene-d5
Concen: 72.690 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion: 82 Resp: 210118
Ion Ratio Lower Upper
82 100
128 41.7 32.0 48.0
54 49.0 40.9 61.3

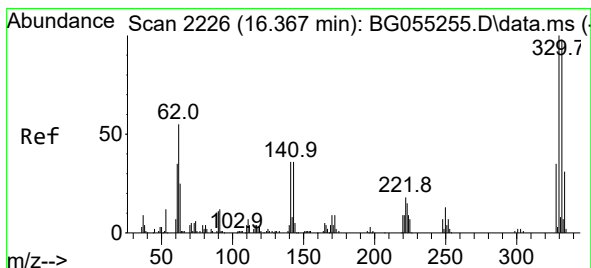
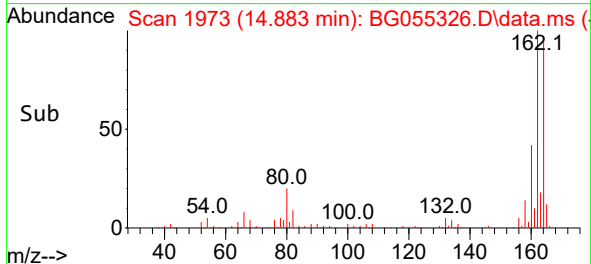
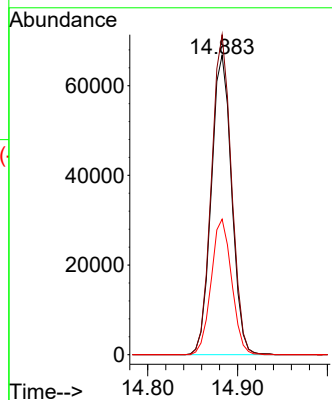
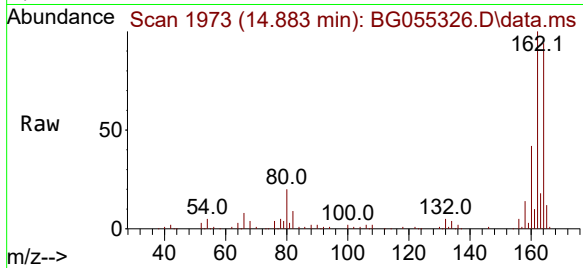




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

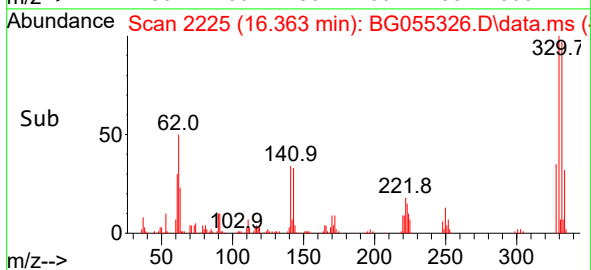
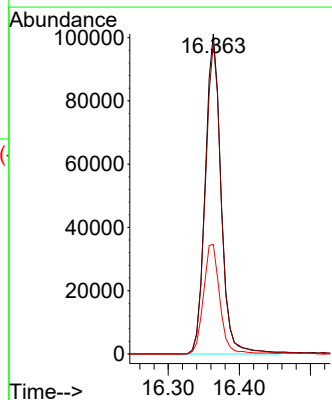
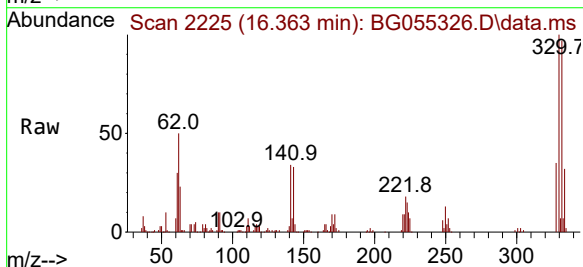
Instrument :
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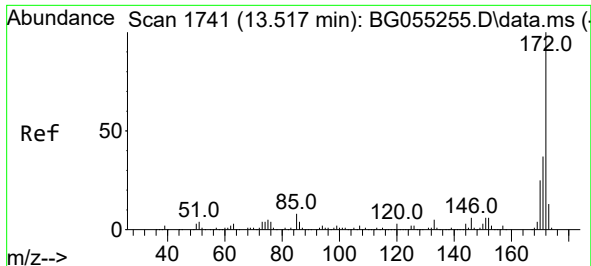
Tgt Ion:164 Resp: 104867
Ion Ratio Lower Upper
164 100
162 106.9 84.0 126.0
160 45.2 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 137.380 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:330 Resp: 156613
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 35.1 29.8 44.8

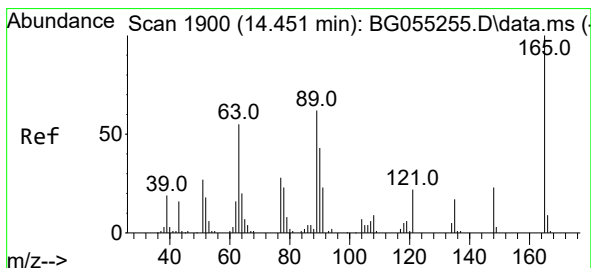
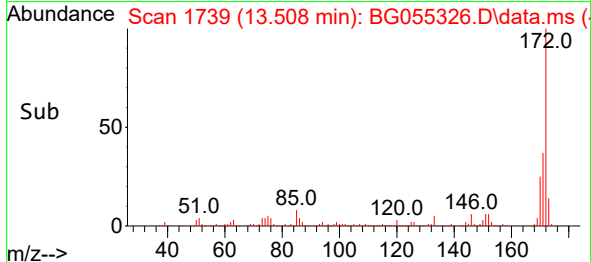
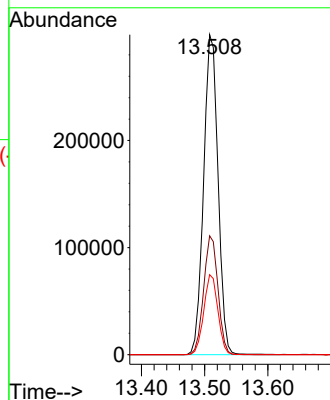
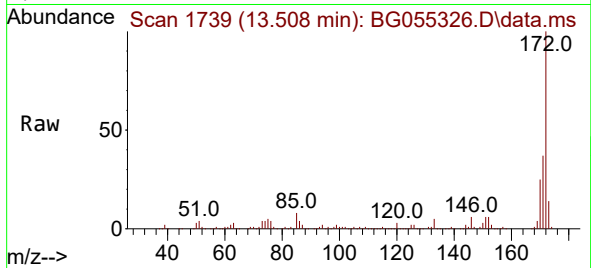




#45
2-Fluorobiphenyl
Concen: 74.047 ng
RT: 13.508 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

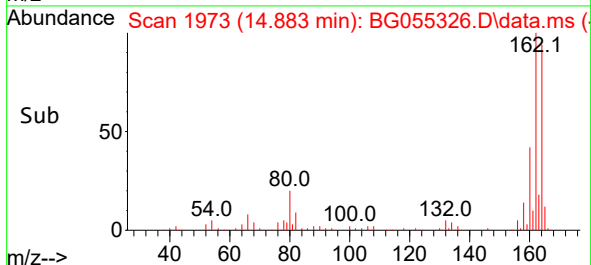
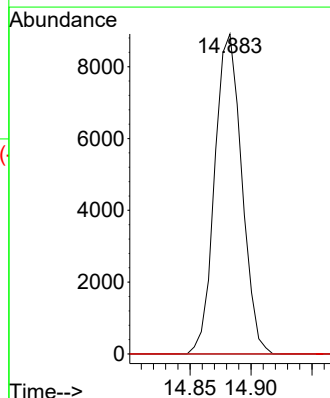
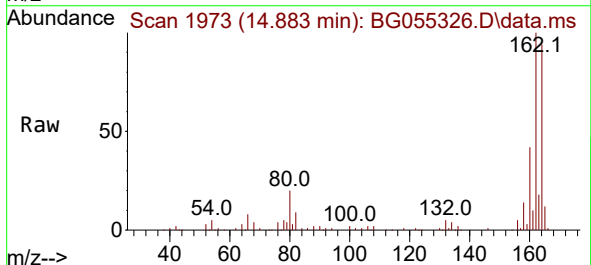
Instrument :
BNA_G
ClientSampleId :
72-11976

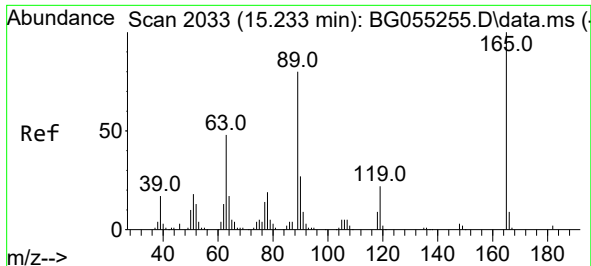
Tgt Ion:172 Resp: 474420
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 14.883 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:165 Resp: 13745
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: 5.653 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.350 min

Lab File: BG055326.D

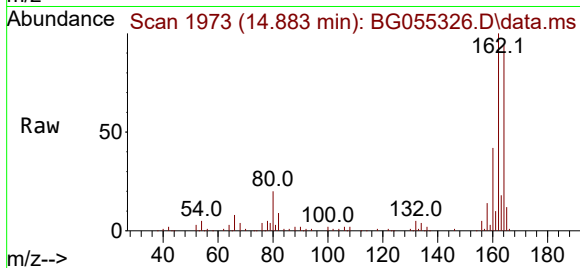
Acq: 27 Oct 2022 16:35

Instrument :

BNA_G

ClientSampleId :

72-11976



Tgt Ion:165 Resp: 13745

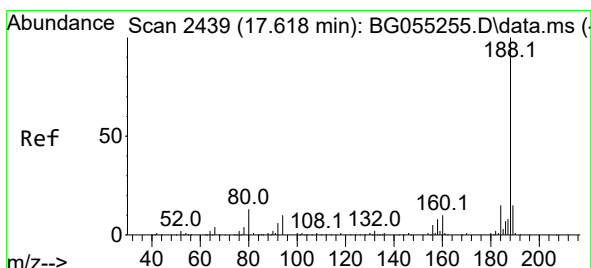
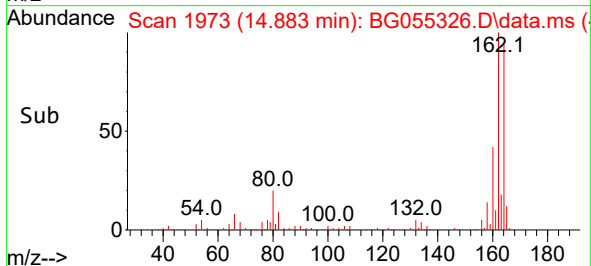
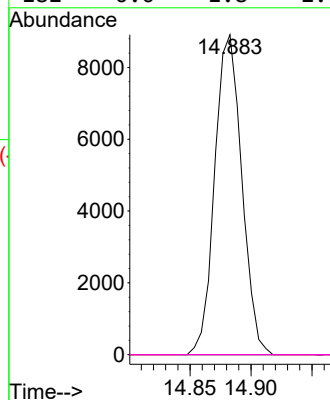
Ion Ratio Lower Upper

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: 17.615 min Scan# 2438

Delta R.T. -0.003 min

Lab File: BG055326.D

Acq: 27 Oct 2022 16:35

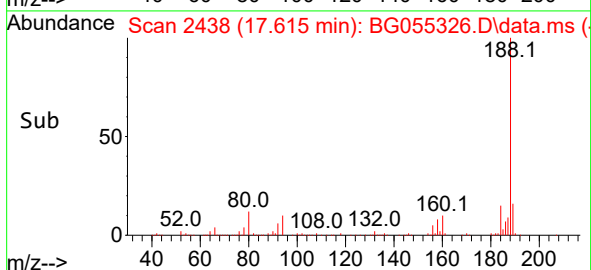
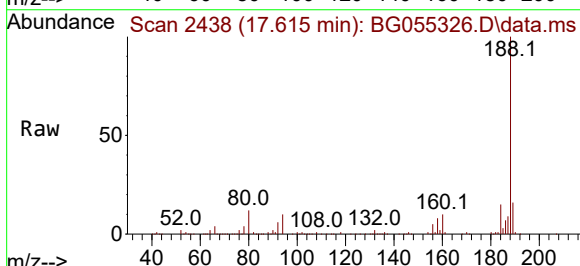
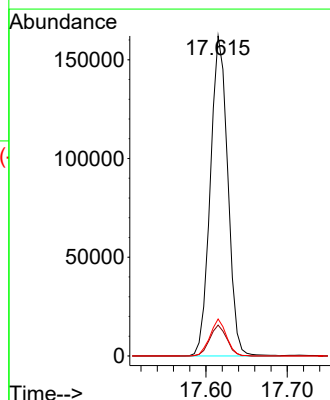
Tgt Ion:188 Resp: 241415

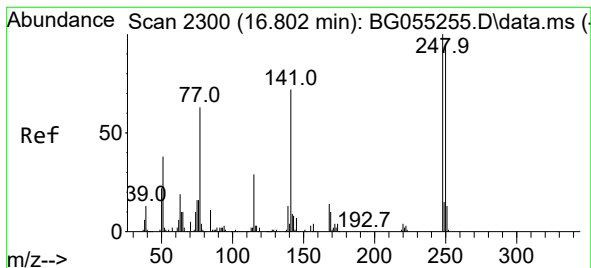
Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

80 11.5 10.1 15.1

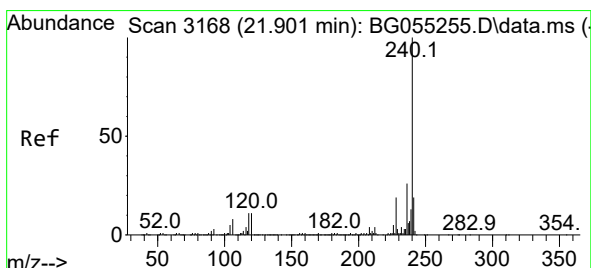
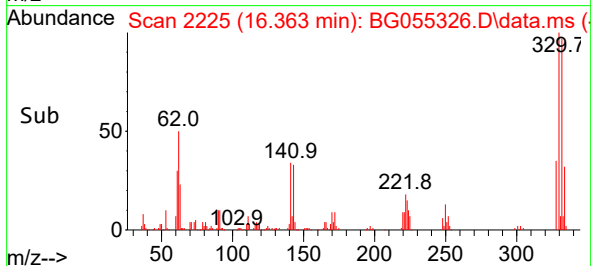
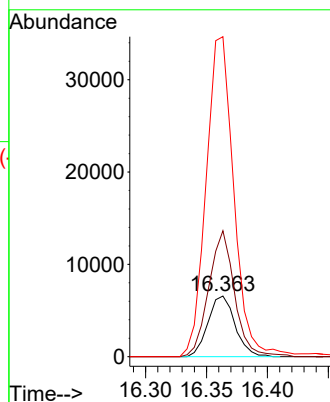
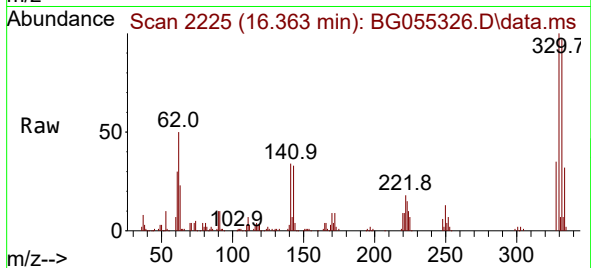




#67
4-Bromophenyl-phenylether
Concen: 4.337 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

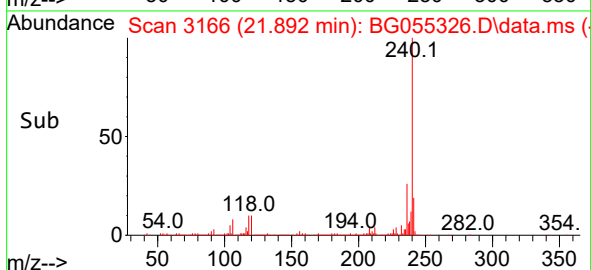
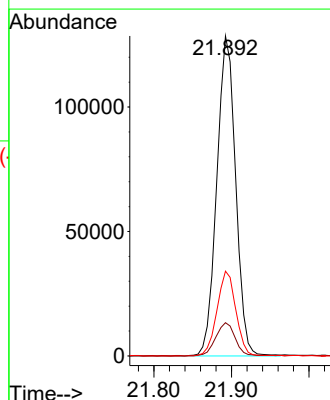
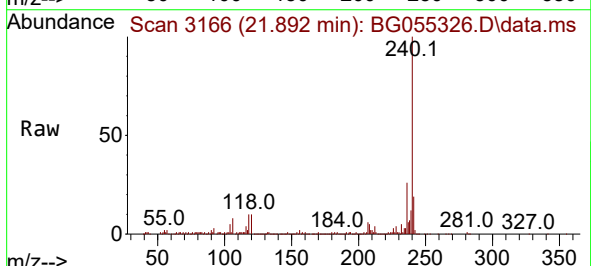
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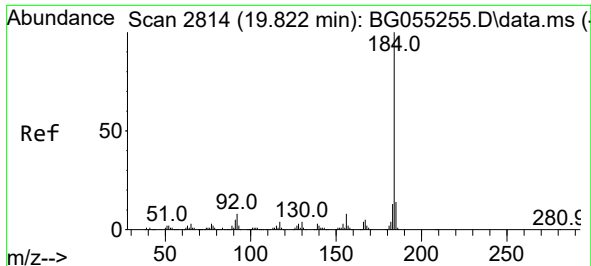
Tgt Ion:248 Resp: 10172
Ion Ratio Lower Upper
248 100
250 207.7 76.0 114.0#
141 527.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:240 Resp: 217656
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.5 21.0 31.4

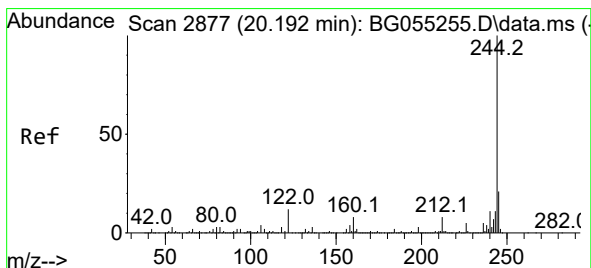
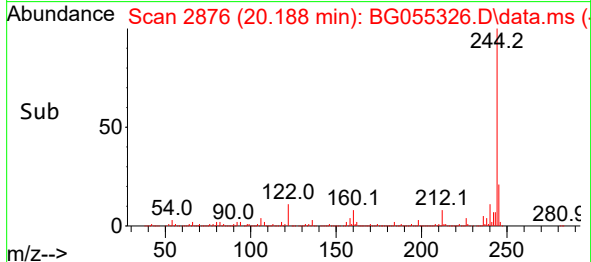
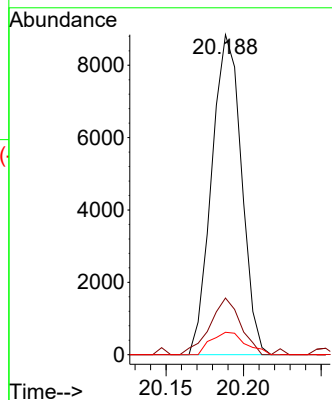
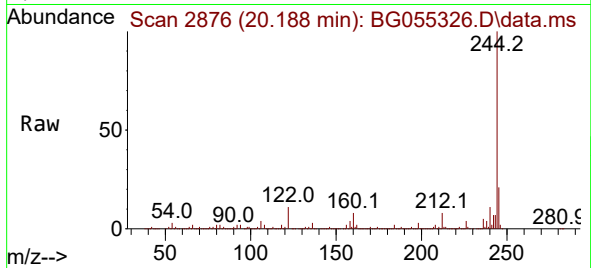




#77
Benzidine
Concen: 2.242 ng
RT: 20.188 min Scan# 2876
Delta R.T. 0.366 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

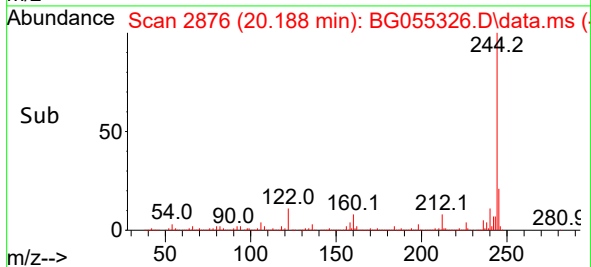
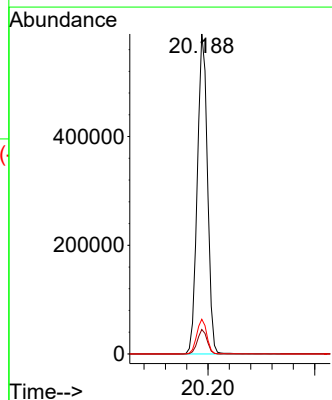
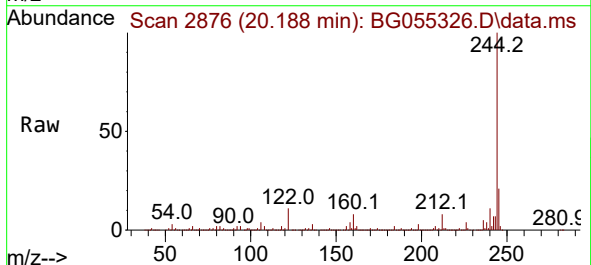
Instrument :
BNA_G
ClientSampleId :
72-11976

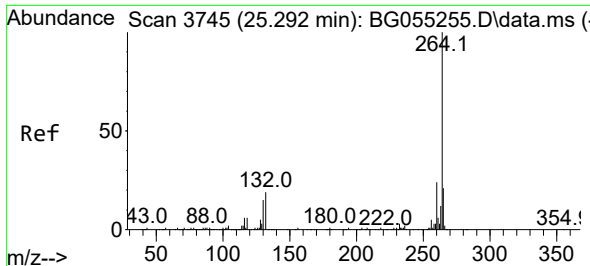
Tgt Ion:184 Resp: 11814
Ion Ratio Lower Upper
184 100
185 17.7 11.0 16.6#
183 7.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 74.589 ng
RT: 20.188 min Scan# 2876
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:244 Resp: 781390
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.9 9.6 14.4

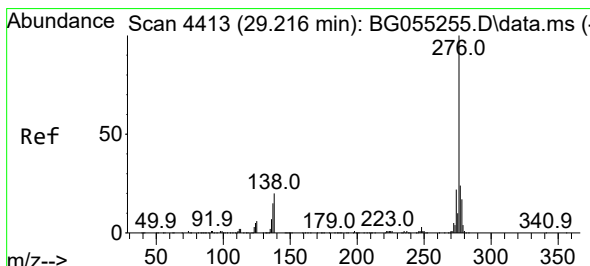
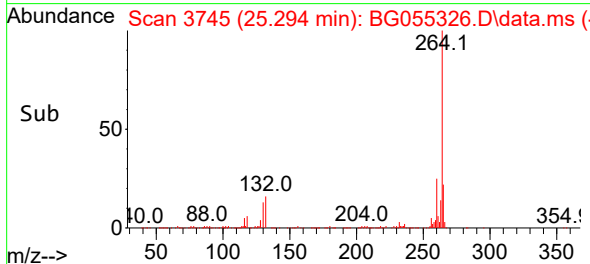
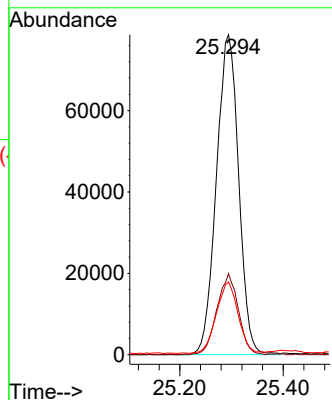
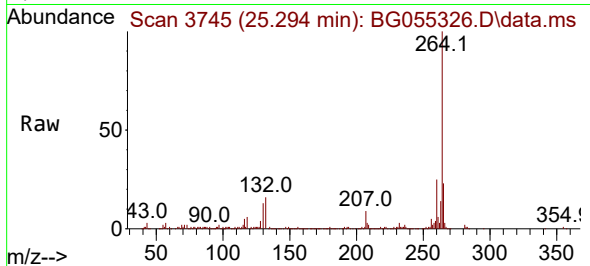




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.294 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

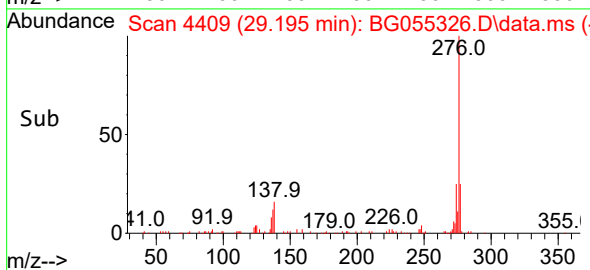
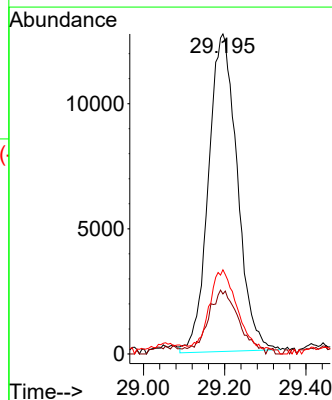
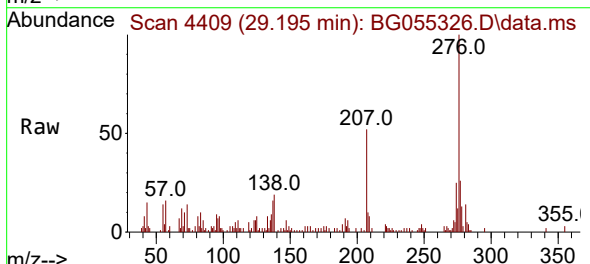
Instrument :
BNA_G
ClientSampleId :
72-11976

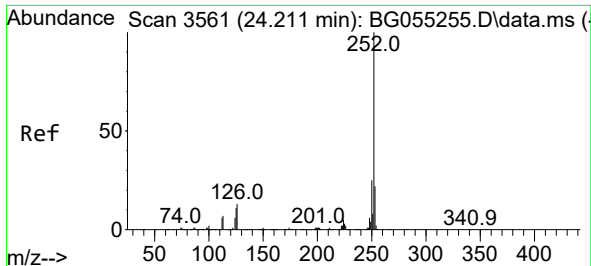
Tgt Ion:264 Resp: 234898
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 22.7 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.601 ng
RT: 29.195 min Scan# 4409
Delta R.T. -0.021 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:276 Resp: 62467
Ion Ratio Lower Upper
276 100
138 21.4 13.9 20.9#
277 23.2 20.3 30.5

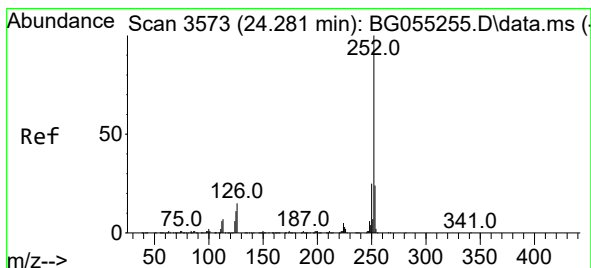
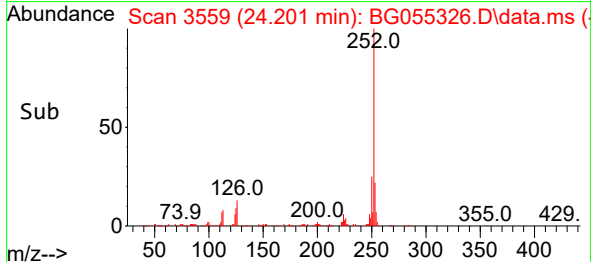
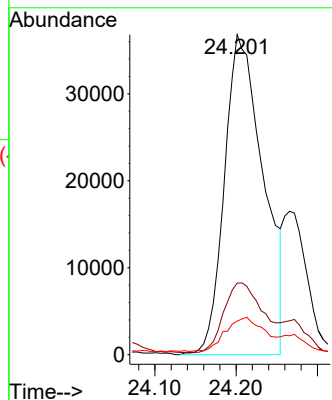
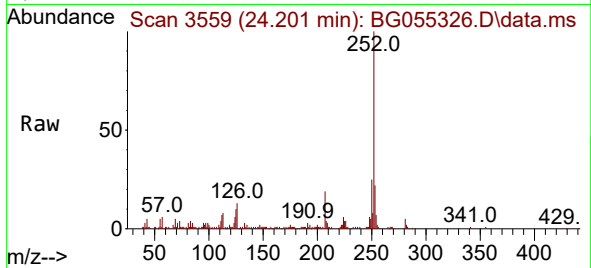




#88
Benzo(b)fluoranthene
Concen: 8.662 ng
RT: 24.201 min Scan# 3559
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

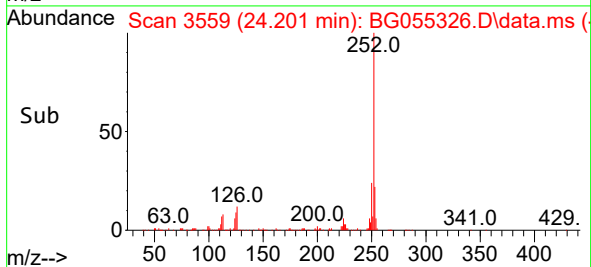
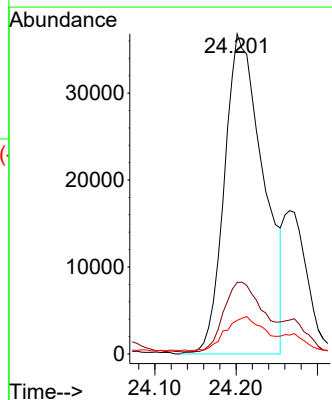
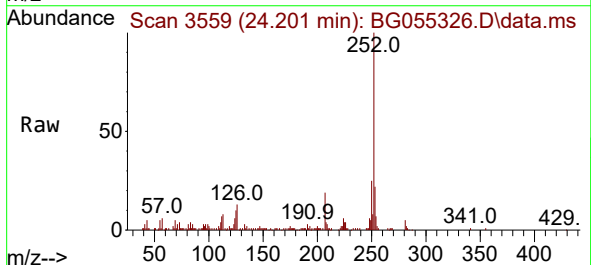
Instrument :
BNA_G
ClientSampleId :
72-11976

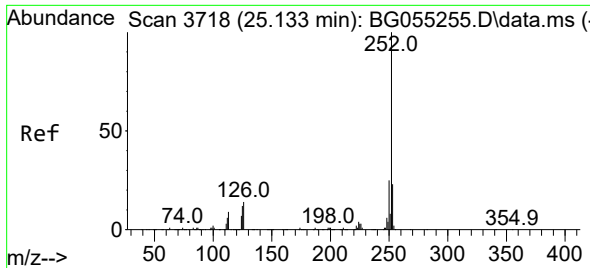
Tgt Ion:252 Resp: 122397
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 8.579 ng
RT: 24.201 min Scan# 3559
Delta R.T. -0.080 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:252 Resp: 122397
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 10.5 9.1 13.7

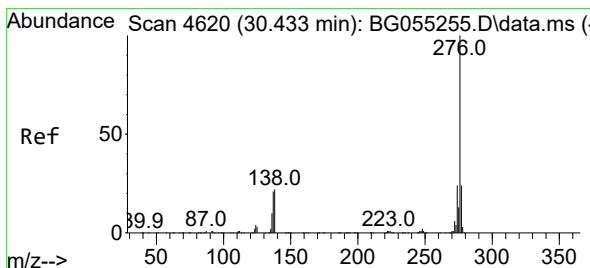
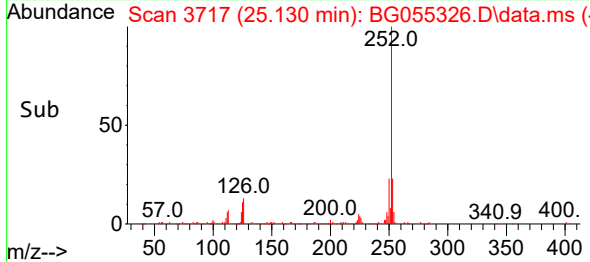
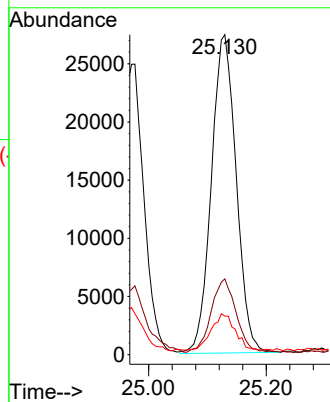
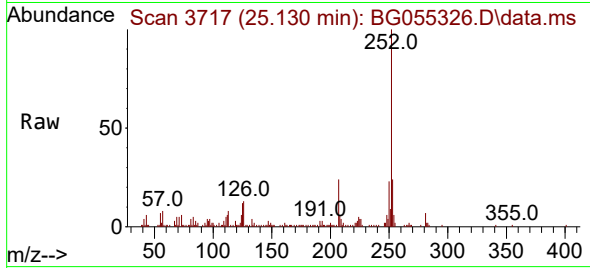




#90
Benzo(a)pyrene
Concen: 6.612 ng
RT: 25.130 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Instrument :
BNA_G
ClientSampleId :
72-11976

Tgt Ion:252 Resp: 80112
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 12.0 9.8 14.8



#92
Benzo(g,h,i)perylene
Concen: 4.020 ng
RT: 30.435 min Scan# 4620
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

Tgt Ion:276 Resp: 56766
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 19.6 17.2 25.8

