

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055579.D
 Acq On : 11 Nov 2022 23:44
 Operator : CG/JU
 Sample : N5415-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-22RE

Quant Time: Nov 12 00:55:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

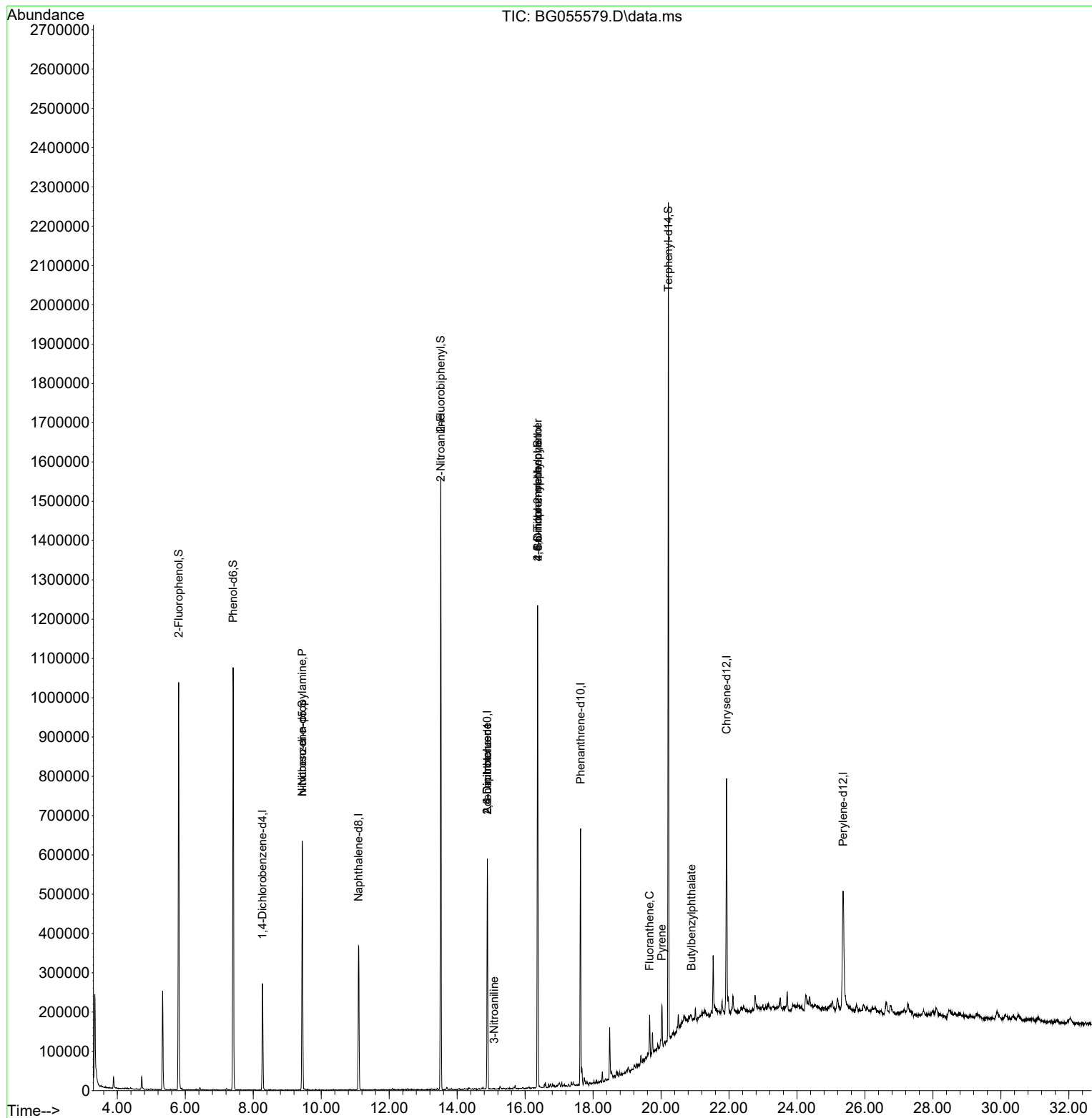
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	78414	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	314797	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	204453	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	423351	20.000	ng	0.00
76) Chrysene-d12	21.928	240	374754	20.000	ng	0.00
86) Perylene-d12	25.359	264	397970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.806	112	450457	109.419	ng	0.01
7) Phenol-d6	7.410	99	588136	103.423	ng	0.00
23) Nitrobenzene-d5	9.443	82	375032	80.763	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	246190	123.412	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	804234	59.334	ng	0.00
79) Terphenyl-d14	20.218	244	1078139	57.785	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.443	70	50944	10.840	ng	# 81
48) 2-Nitroaniline	13.514	65	1475	4.243	ng	# 8
51) 2,6-Dinitrotoluene	14.889	165	27023	12.398	ng	# 22
53) 3-Nitroaniline	15.089	138	155	3.822	ng	# 1
57) 2,4-Dinitrotoluene	14.889	165	27023	10.549	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.370	198	882	2.758	ng	# 1
67) 4-Bromophenyl-phenylether	16.370	248	16078	3.723	ng	# 1
75) Fluoranthene	19.666	202	62088	2.288	ng	99
78) Pyrene	20.025	202	60723	2.394	ng	98
80) Butylbenzylphthalate	20.894	149	1190	3.479	ng	# 80

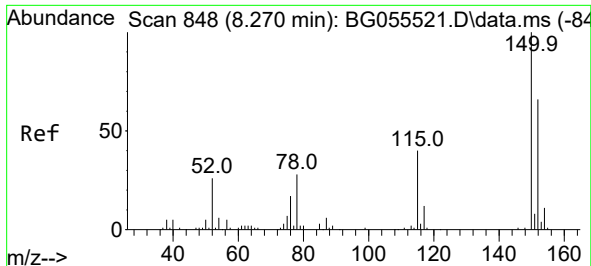
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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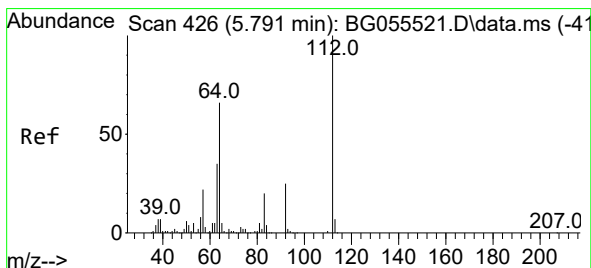
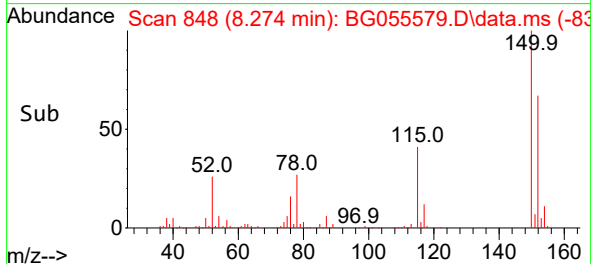
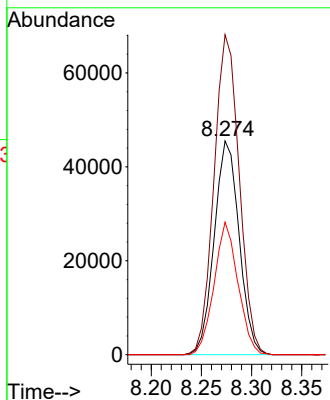
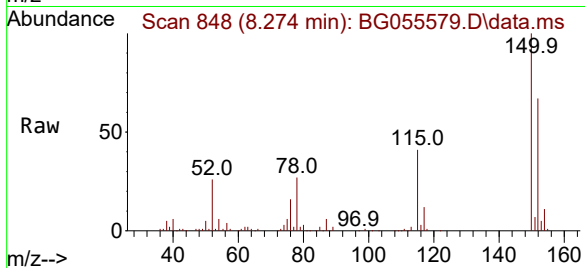




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.274 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

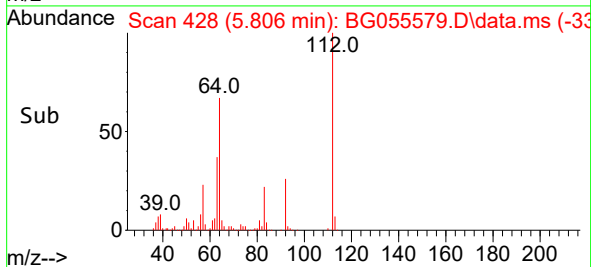
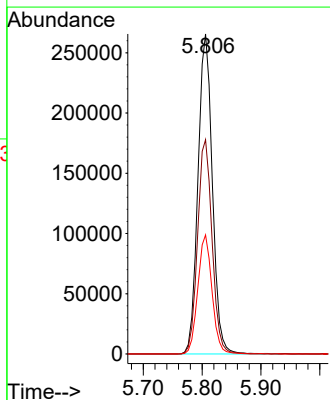
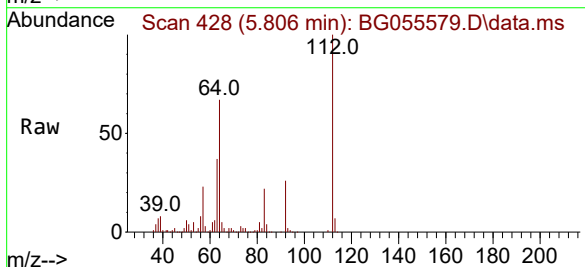
Instrument :
BNA_G
ClientSampleId :
R-22RE

Tgt Ion:152 Resp: 78414
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 62.0 47.8 71.8



#5
2-Fluorophenol
Concen: 109.419 ng
RT: 5.806 min Scan# 428
Delta R.T. 0.015 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:112 Resp: 450457
Ion Ratio Lower Upper
112 100
64 66.9 52.6 78.8
63 37.2 28.3 42.5

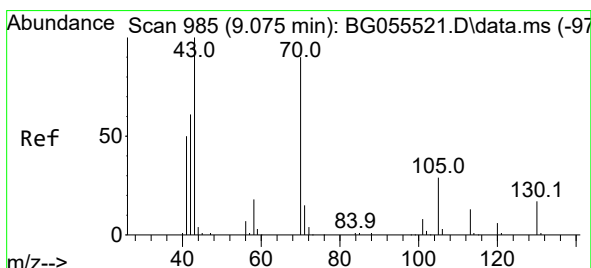
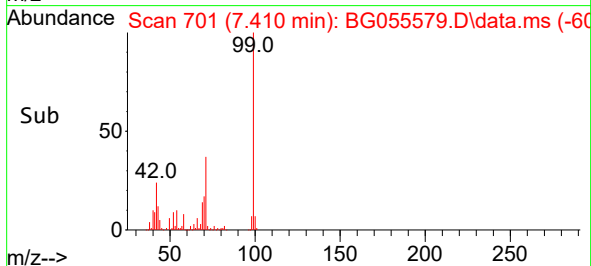
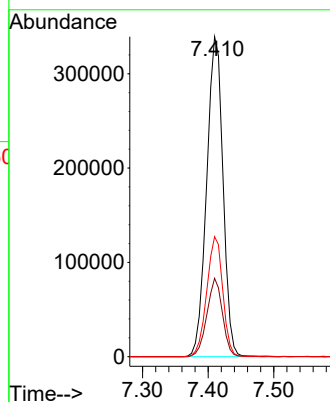
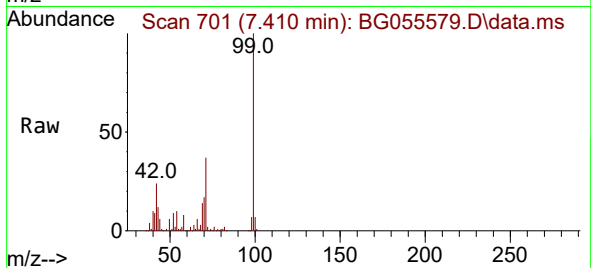




#7
Phenol-d6
Concen: 103.423 ng
RT: 7.410 min Scan# 700
Delta R.T. 0.009 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

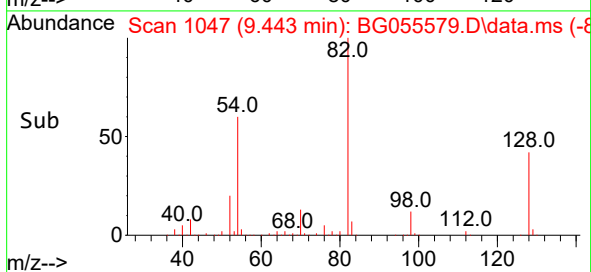
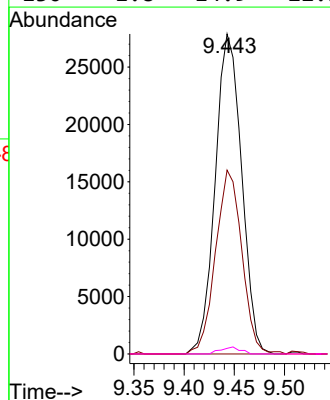
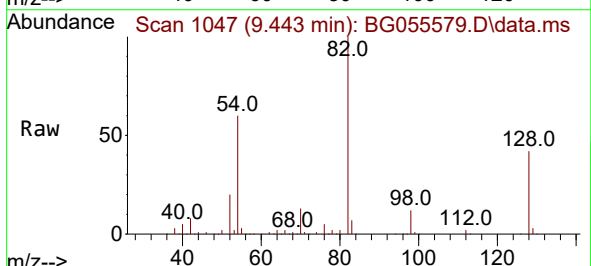
Instrument :
BNA_G
ClientSampleId :
R-22RE

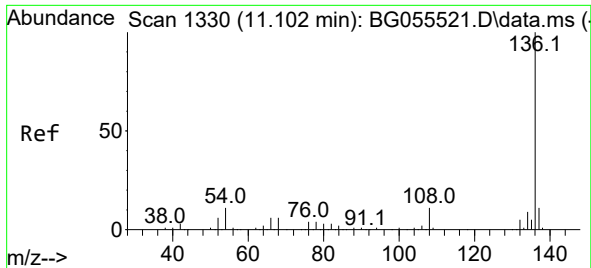
Tgt Ion: 99 Resp: 588136
Ion Ratio Lower Upper
99 100
42 24.5 17.5 26.3
71 37.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.840 ng
RT: 9.443 min Scan# 1047
Delta R.T. 0.368 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion: 70 Resp: 50944
Ion Ratio Lower Upper
70 100
42 57.5 54.8 82.2
101 0.0 6.8 10.2#
130 1.8 14.9 22.3#

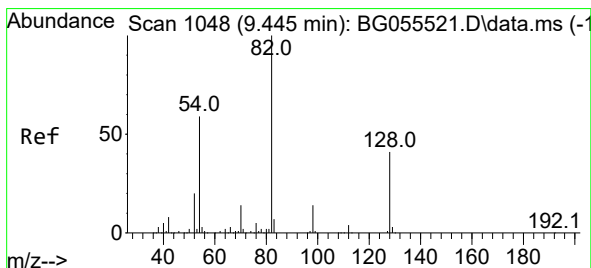
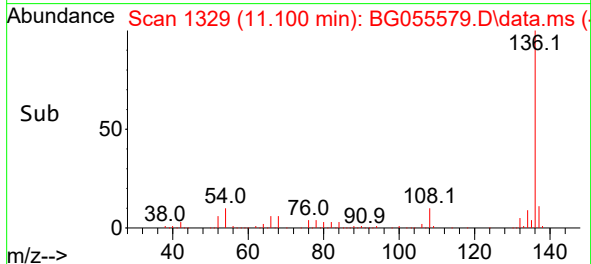
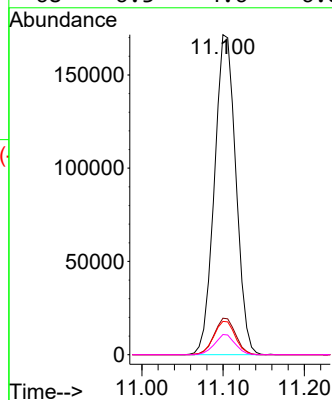
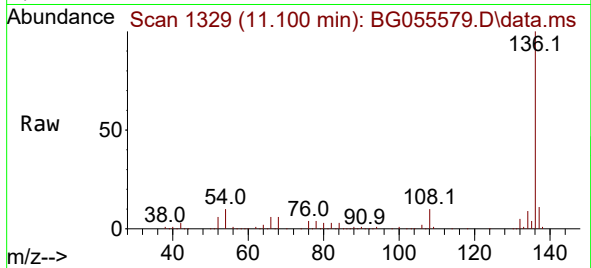




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

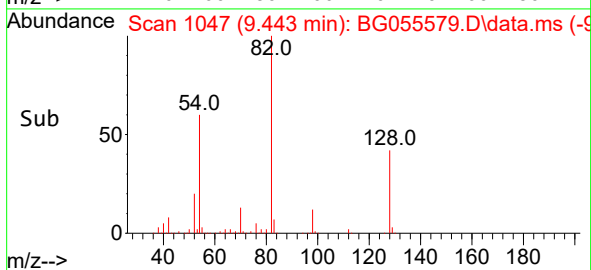
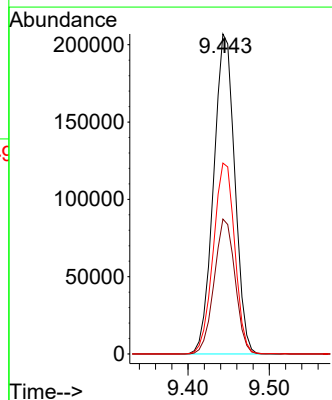
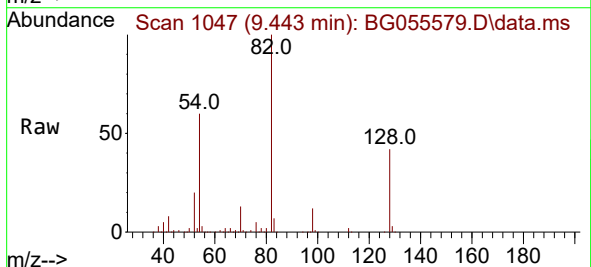
Instrument :
BNA_G
ClientSampleId :
R-22RE

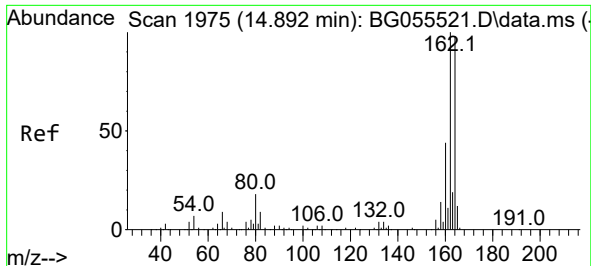
Tgt Ion:136 Resp: 314797
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.4 8.6 12.8
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 80.763 ng
RT: 9.443 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion: 82 Resp: 375032
Ion Ratio Lower Upper
82 100
128 42.2 32.6 49.0
54 59.7 47.3 70.9

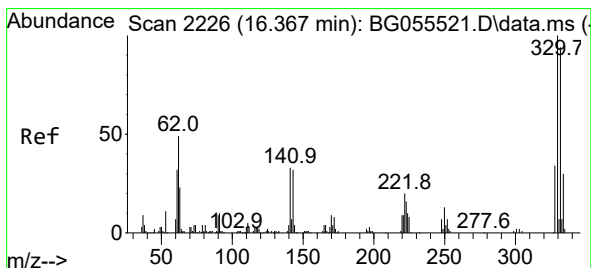
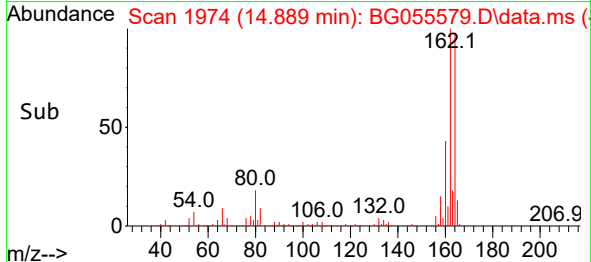
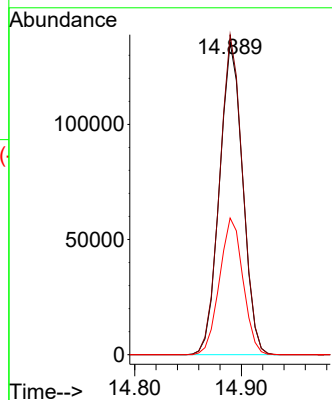
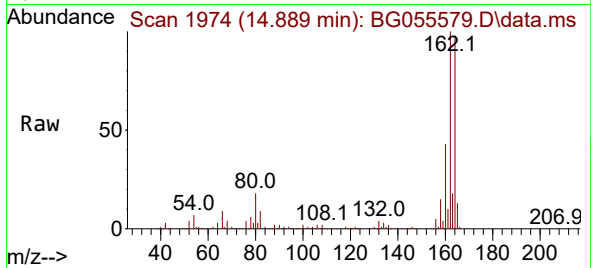




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.889 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

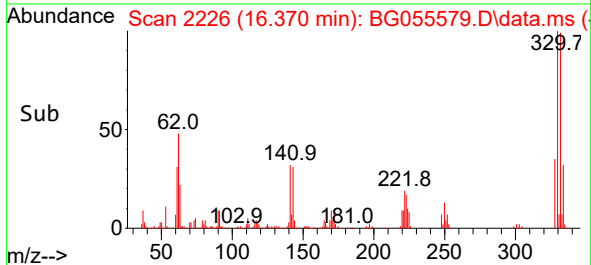
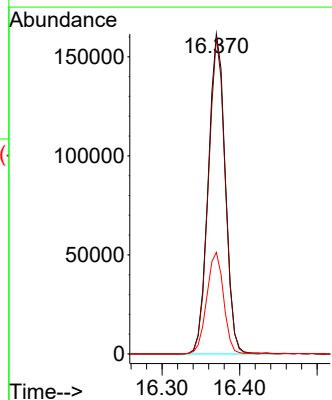
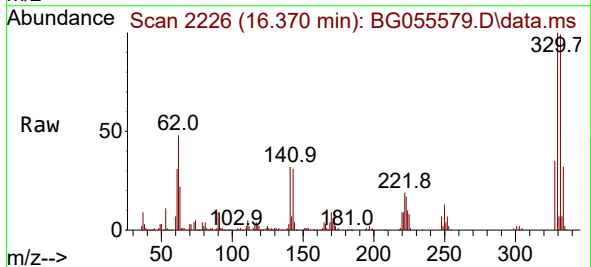
Instrument :
BNA_G
ClientSampleId :
R-22RE

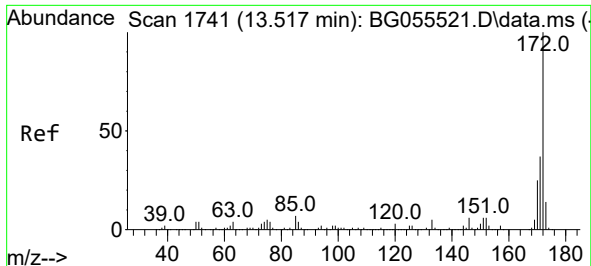
Tgt Ion:164 Resp: 204453
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 43.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 123.412 ng
RT: 16.370 min Scan# 2226
Delta R.T. 0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:330 Resp: 246190
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 31.4 25.4 38.2

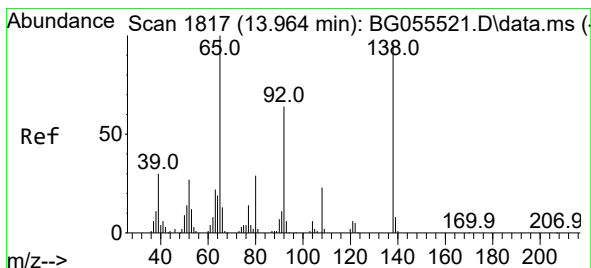
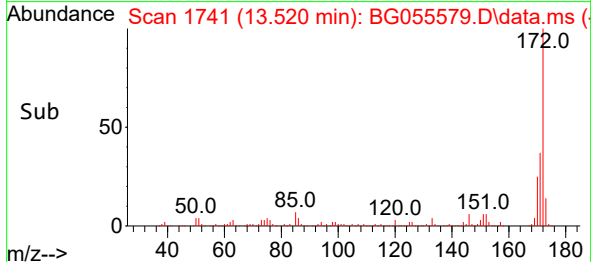
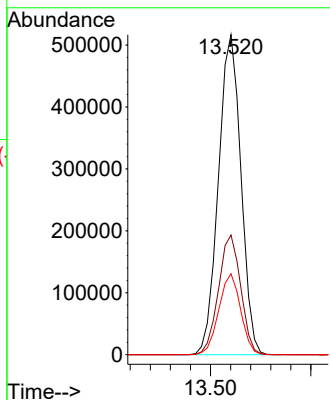
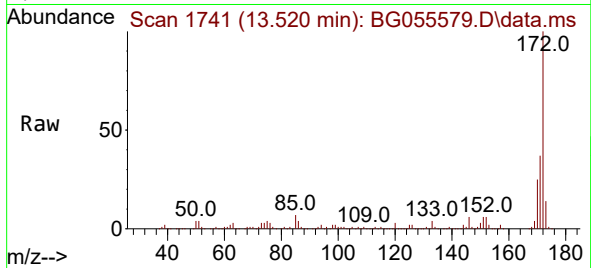




#45
2-Fluorobiphenyl
Concen: 59.334 ng
RT: 13.520 min Scan# 1741
Delta R.T. 0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

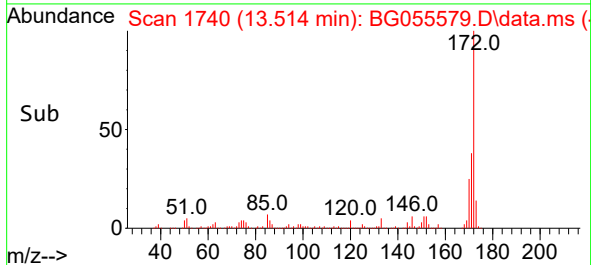
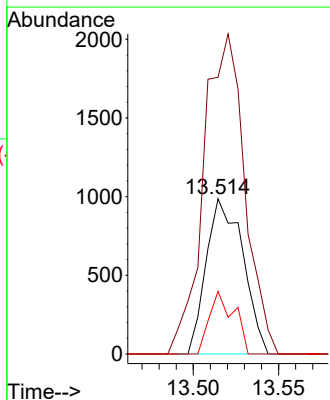
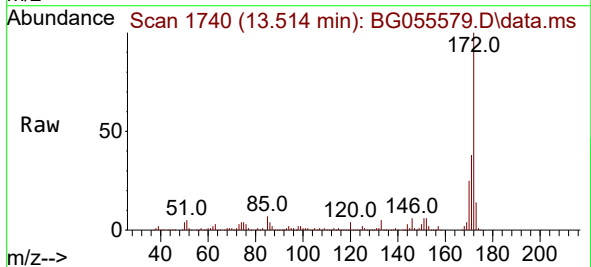
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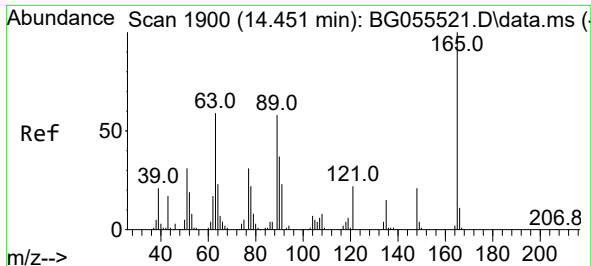
Tgt Ion:172 Resp: 804234
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.3 19.8 29.6



#48
2-Nitroaniline
Concen: 4.243 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.450 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion: 65 Resp: 1475
Ion Ratio Lower Upper
65 100
92 178.1 51.6 77.4#
138 40.3 77.0 115.4#

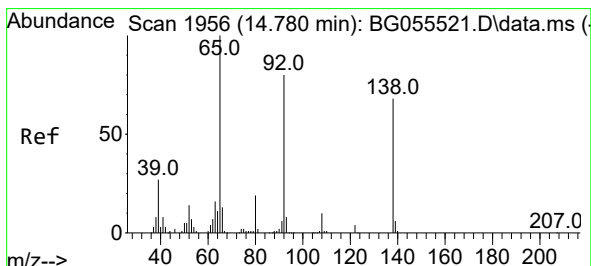
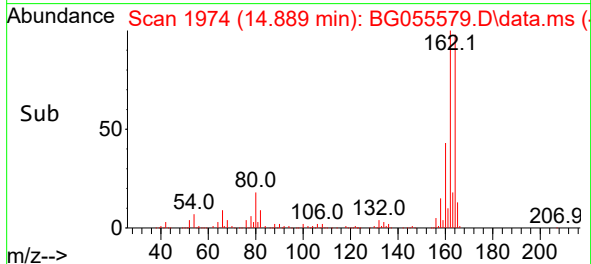
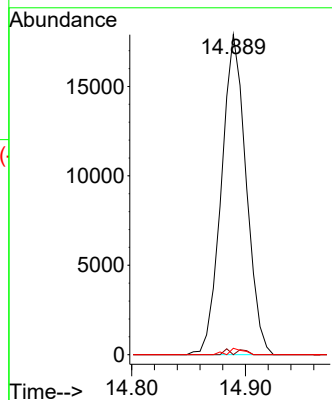
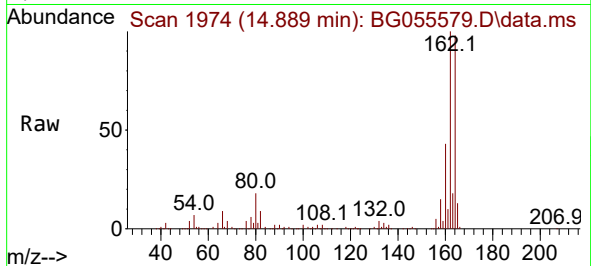




#51
2,6-Dinitrotoluene
Concen: 12.398 ng
RT: 14.889 min Scan# 11
Delta R.T. 0.438 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

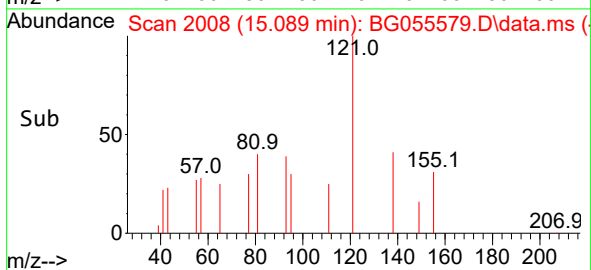
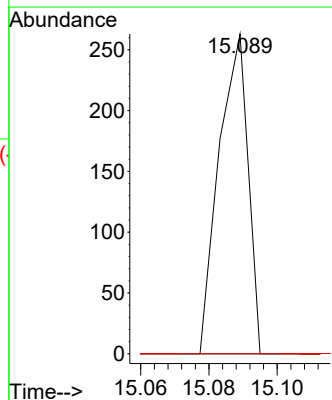
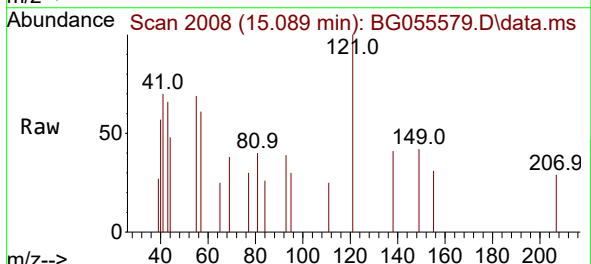
Instrument :
BNA_G
ClientSampleId :
R-22RE

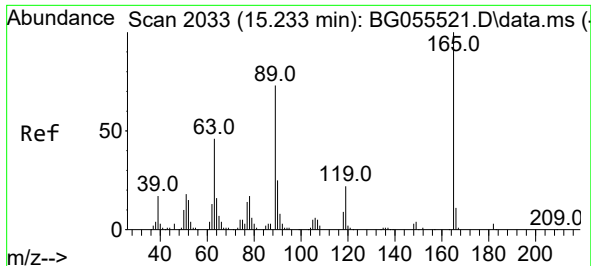
Tgt Ion:165 Resp: 27023
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.0 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.822 ng
RT: 15.089 min Scan# 2008
Delta R.T. 0.309 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:138 Resp: 155
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.549 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.344 min

Lab File: BG055579.D

Acq: 11 Nov 2022 23:44

Instrument :

BNA_G

ClientSampleId :

R-22RE

Tgt Ion:165 Resp: 27023

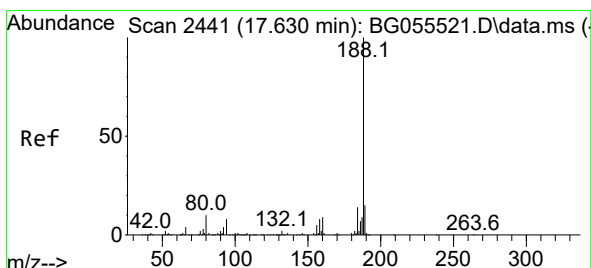
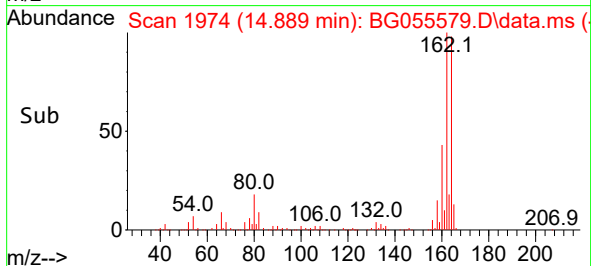
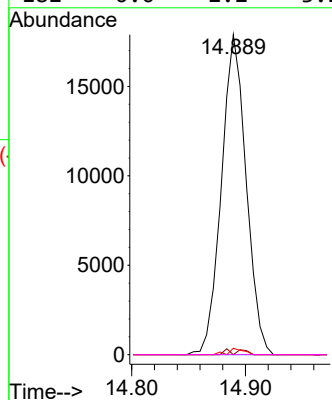
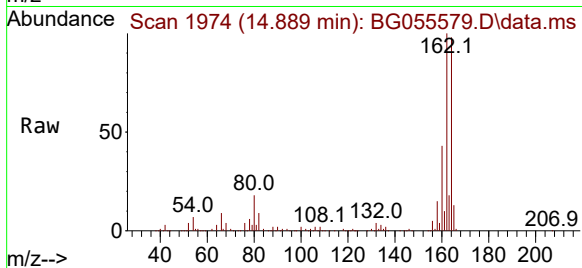
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 2.0 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.633 min Scan# 2441

Delta R.T. 0.003 min

Lab File: BG055579.D

Acq: 11 Nov 2022 23:44

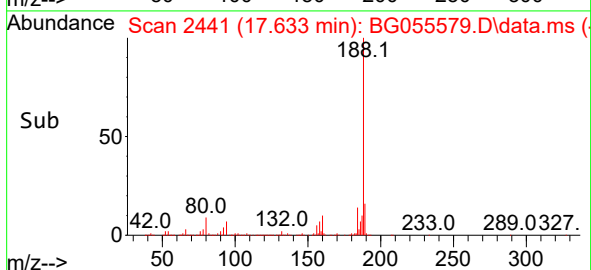
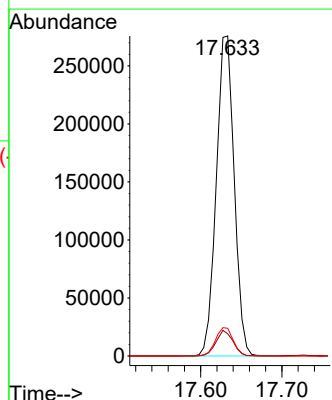
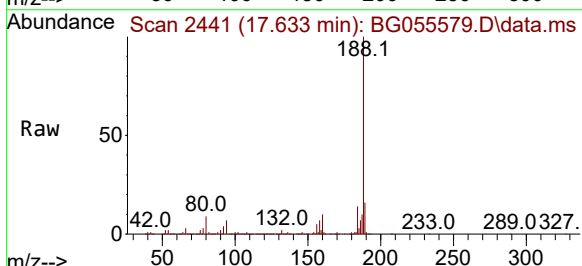
Tgt Ion:188 Resp: 423351

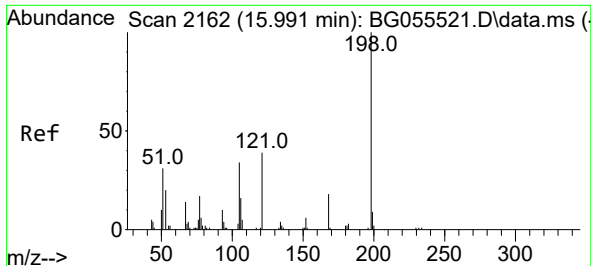
Ion Ratio Lower Upper

188 100

94 6.9 6.4 9.6

80 8.6 7.6 11.4

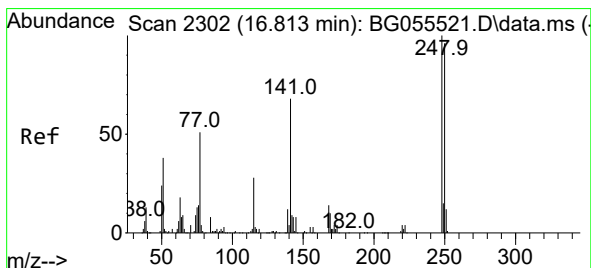
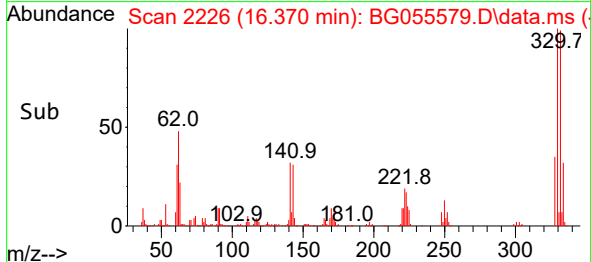
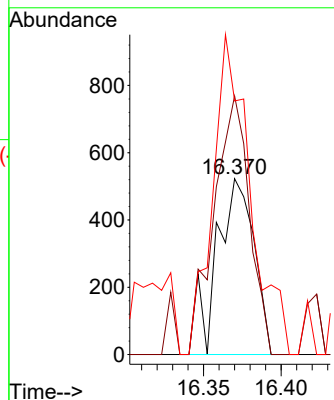
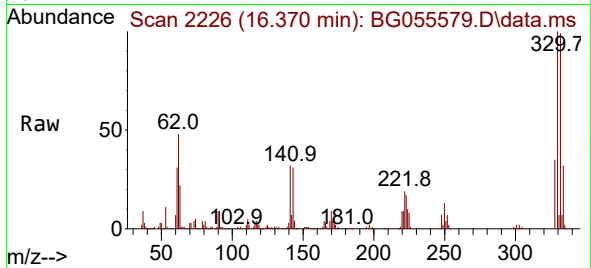




#65
4,6-Dinitro-2-methylphenol
Concen: 2.758 ng
RT: 16.370 min Scan# 2162
Delta R.T. 0.379 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

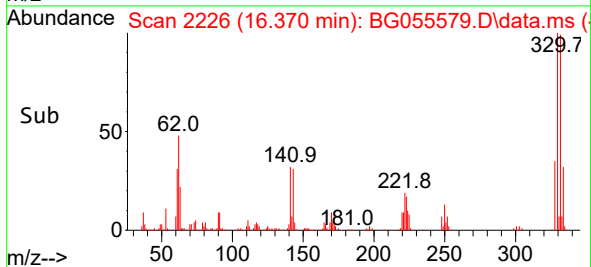
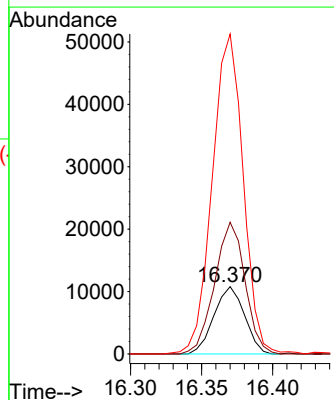
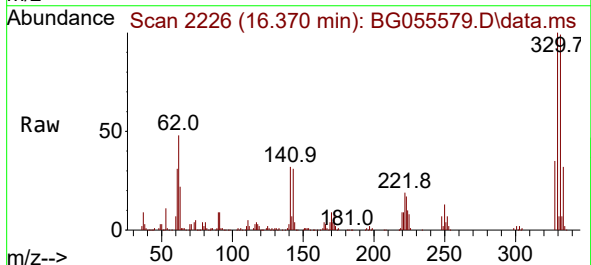
Instrument :
BNA_G
ClientSampleId :
R-22RE

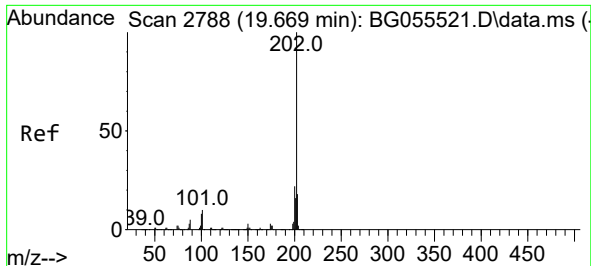
Tgt Ion:198 Resp: 882
Ion Ratio Lower Upper
198 100
51 147.0 24.7 64.7#
105 144.2 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 3.723 ng
RT: 16.370 min Scan# 2226
Delta R.T. -0.443 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:248 Resp: 16078
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 475.0 54.3 81.5#

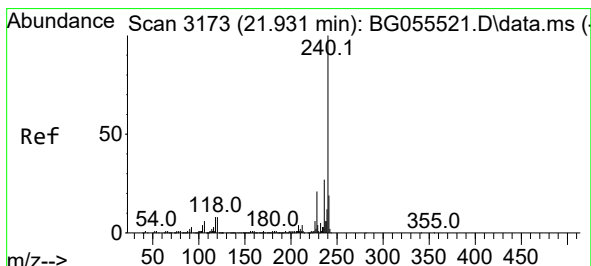
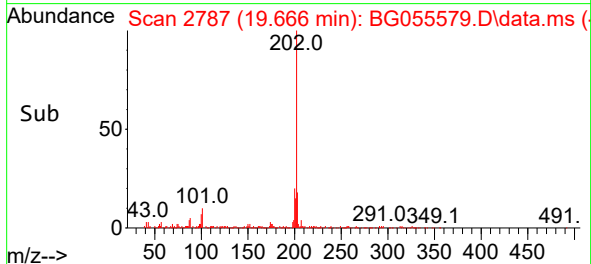
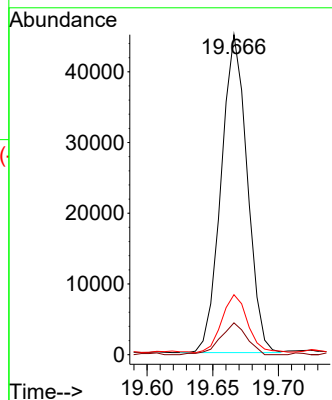
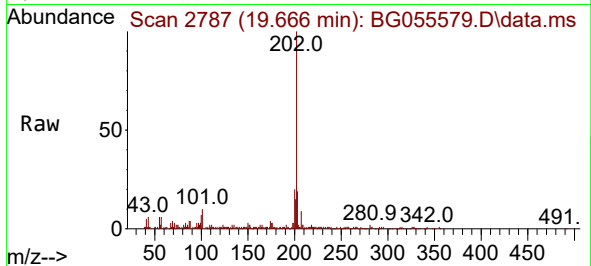




#75
Fluoranthene
Concen: 2.288 ng
RT: 19.666 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

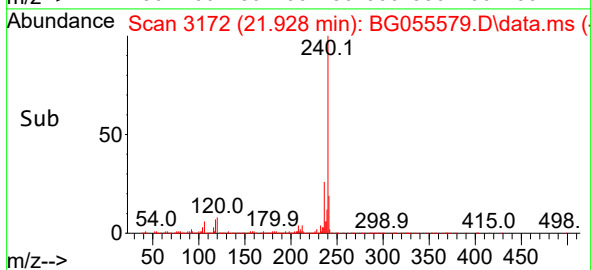
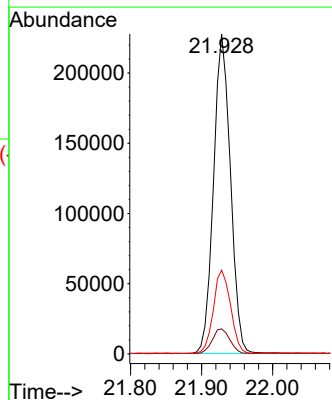
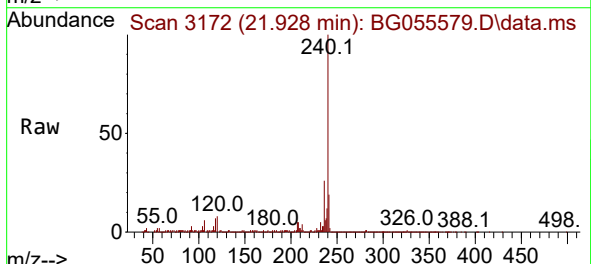
Instrument :
BNA_G
ClientSampleId :
R-22RE

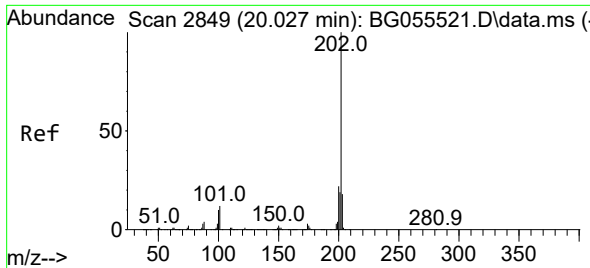
Tgt Ion:202 Resp: 62088
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.8
203 18.8 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. -0.003 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:240 Resp: 374754
Ion Ratio Lower Upper
240 100
120 7.9 6.1 9.1
236 26.2 21.4 32.0

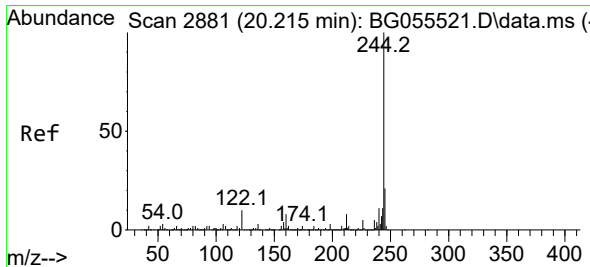
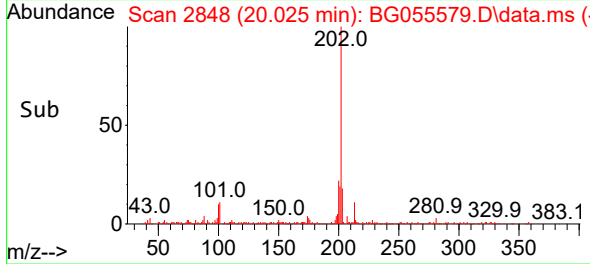
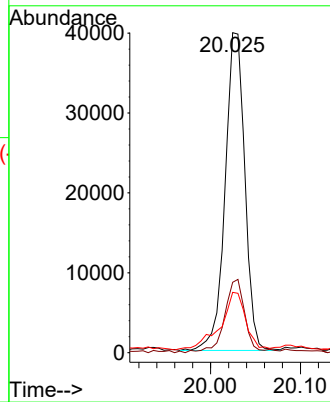
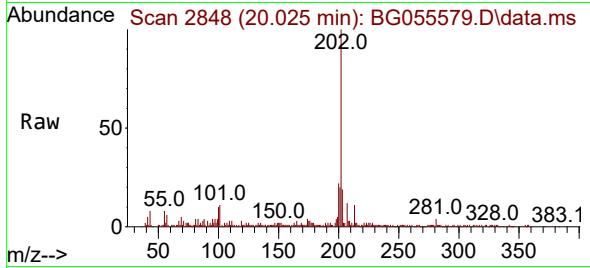




#78
 Pyrene
 Concen: 2.394 ng
 RT: 20.025 min Scan# 2849
 Delta R.T. -0.003 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

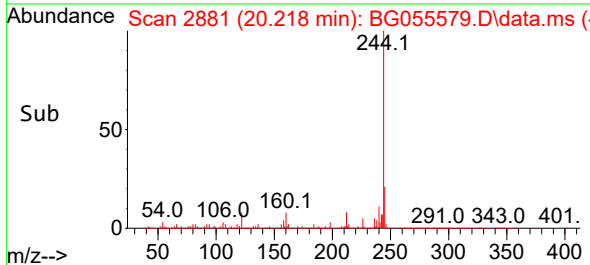
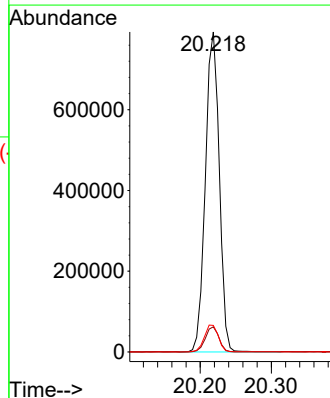
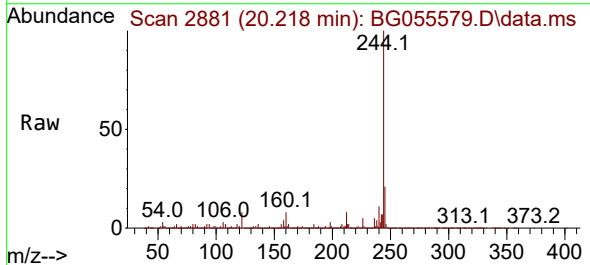
Instrument :
 BNA_G
 ClientSampleId :
 R-22RE

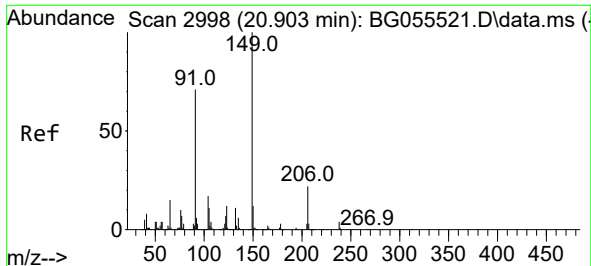
Tgt Ion:202 Resp: 60723
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.0 27.0
 203 18.8 14.2 21.2



#79
 Terphenyl-d14
 Concen: 57.785 ng
 RT: 20.218 min Scan# 2881
 Delta R.T. 0.003 min
 Lab File: BG055579.D
 Acq: 11 Nov 2022 23:44

Tgt Ion:244 Resp: 1078139
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.3 7.7 11.5

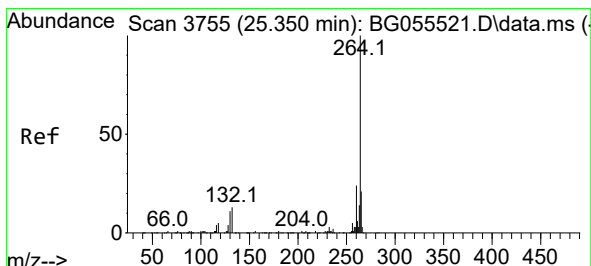
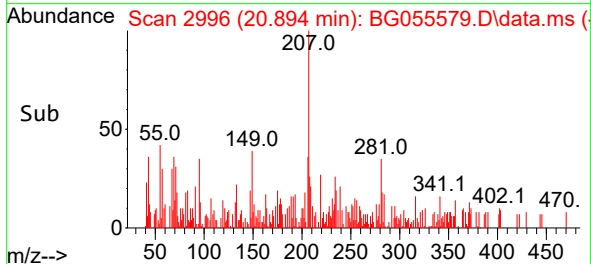
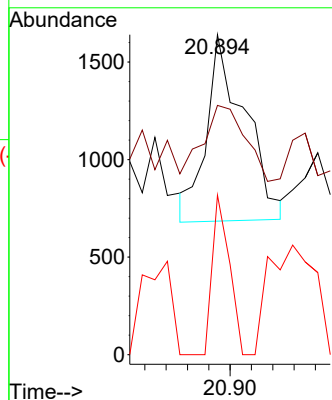
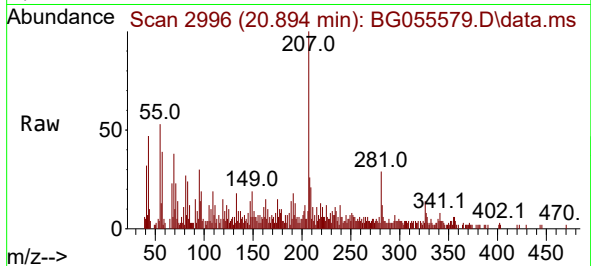




#80
Butylbenzylphthalate
Concen: 3.479 ng
RT: 20.894 min Scan# 2998
Delta R.T. -0.009 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Instrument :
BNA_G
ClientSampleId :
R-22RE

Tgt Ion:149 Resp: 1190
Ion Ratio Lower Upper
149 100
91 77.9 56.8 85.2
206 49.9 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.359 min Scan# 3756
Delta R.T. 0.009 min
Lab File: BG055579.D
Acq: 11 Nov 2022 23:44

Tgt Ion:264 Resp: 397970
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.5 17.1 25.7

