

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060037.D
 Acq On : 15 Dec 2023 15:51
 Operator : MA/JU
 Sample : 05791-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-K-T

Quant Time: Dec 16 02:02:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

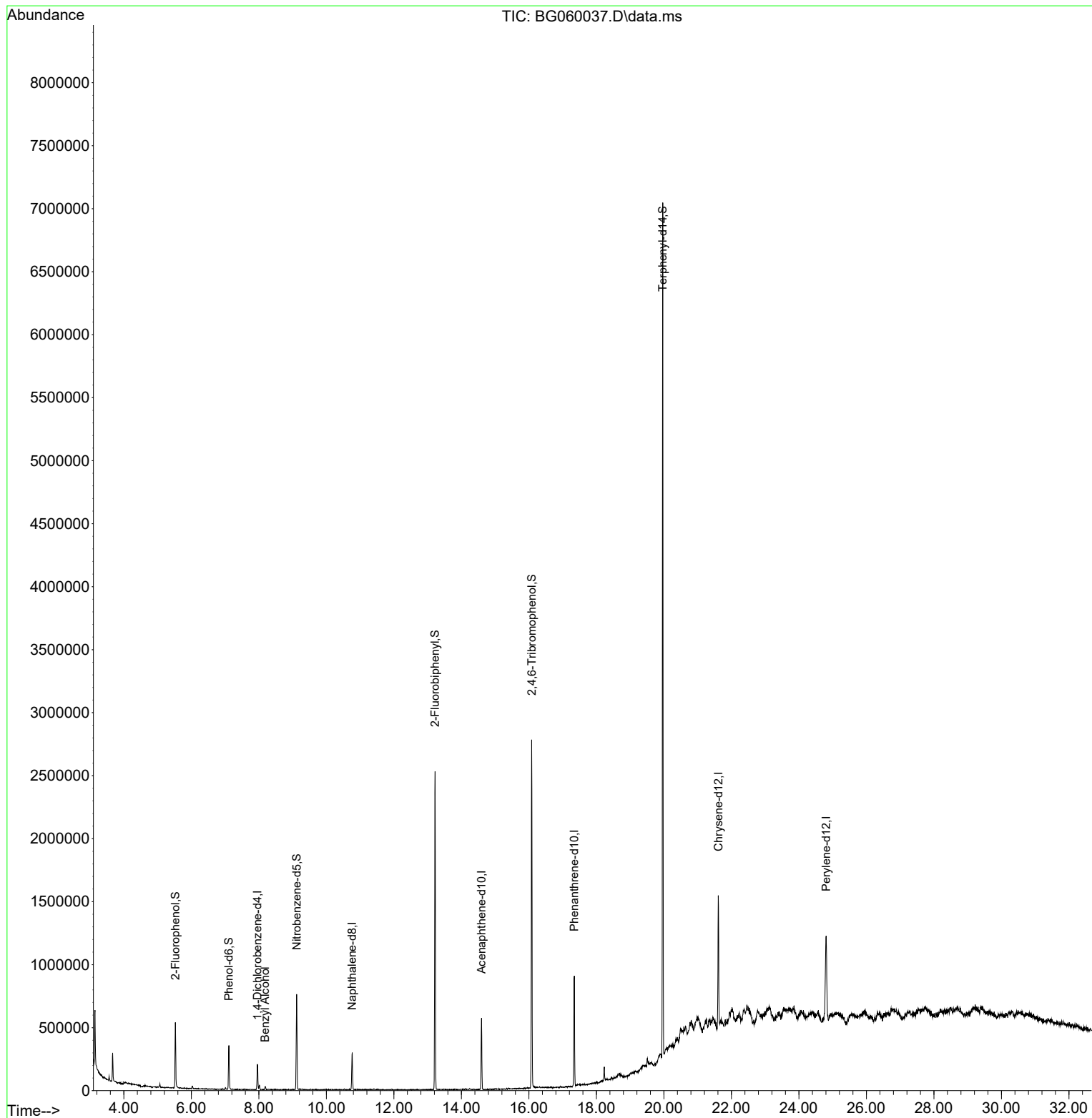
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	55910	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	230000	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	191182	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	607267	20.000	ng	0.00
76) Chrysene-d12	21.610	240	698229	20.000	ng	0.00
86) Perylene-d12	24.806	264	800816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	201459	61.683	ng	0.00
7) Phenol-d6	7.110	99	171162	37.256	ng	0.00
23) Nitrobenzene-d5	9.119	82	428380	84.574	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	660979	148.354	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1398750	89.544	ng	0.00
79) Terphenyl-d14	19.965	244	3565169	93.221	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.185	79	9202	2.492	ng	Qvalue # 88

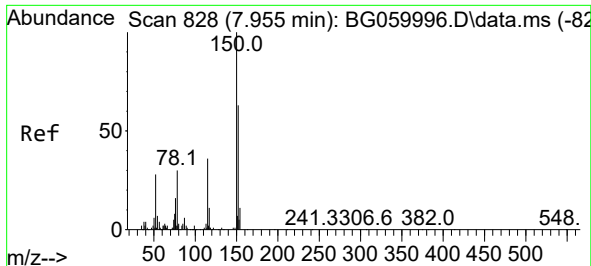
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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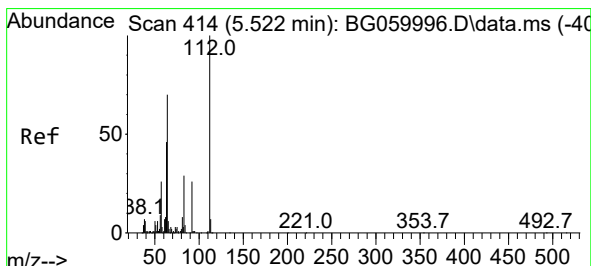
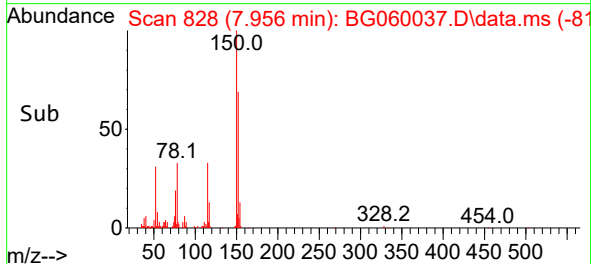
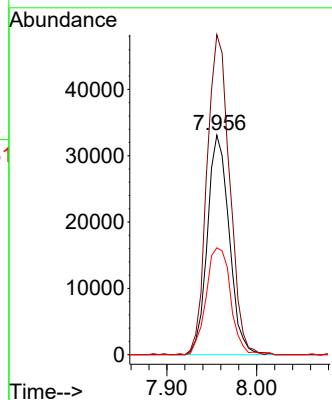
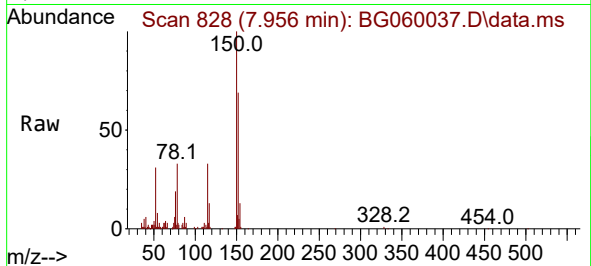




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

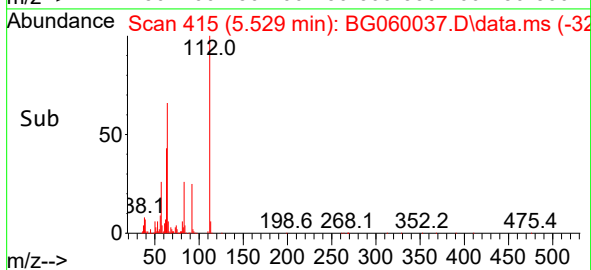
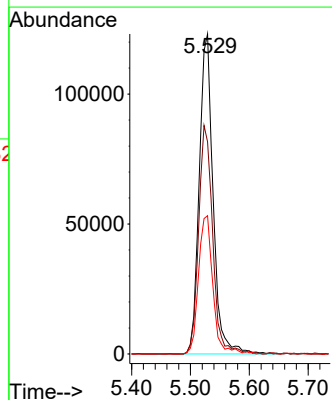
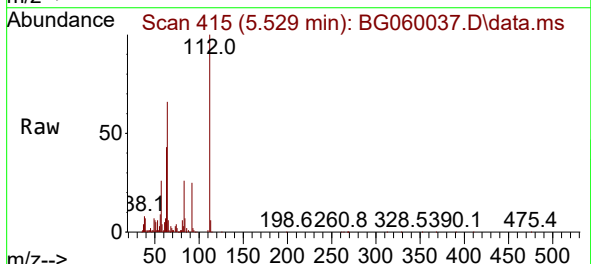
Instrument :
BNA_G
ClientSampleId :
MW-1B-K-T

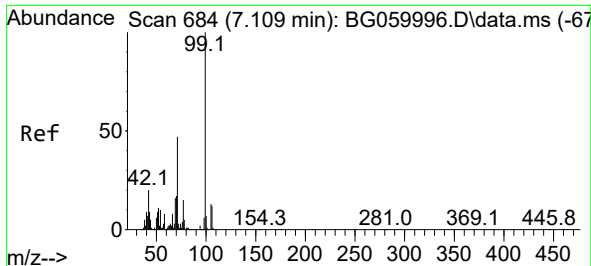
Tgt Ion:152 Resp: 55910
Ion Ratio Lower Upper
152 100
150 145.8 127.0 190.6
115 48.7 45.7 68.5



#5
2-Fluorophenol
Concen: 61.683 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.007 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion:112 Resp: 201459
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 43.2 36.5 54.7

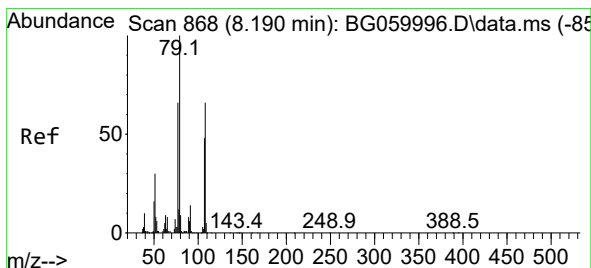
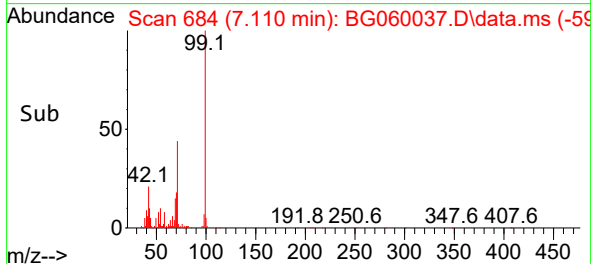
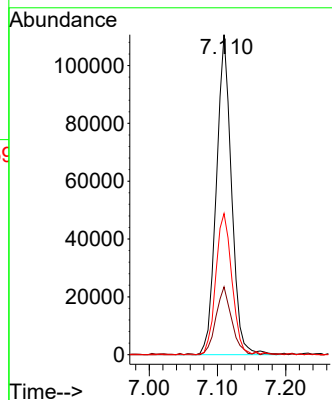
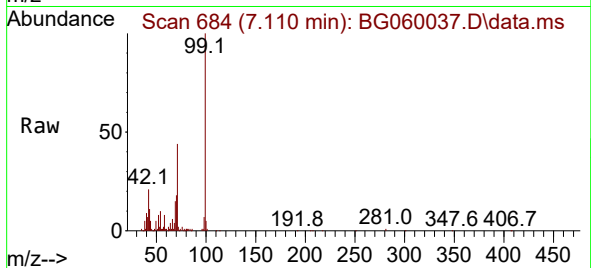




#7
Phenol-d6
Concen: 37.256 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

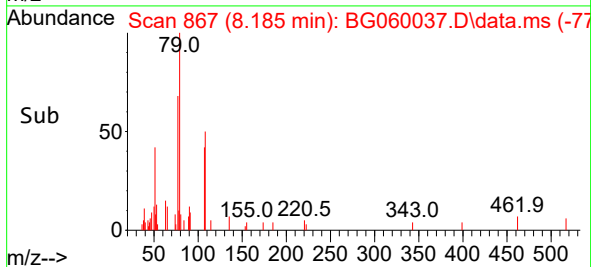
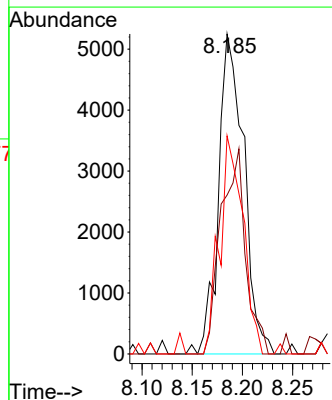
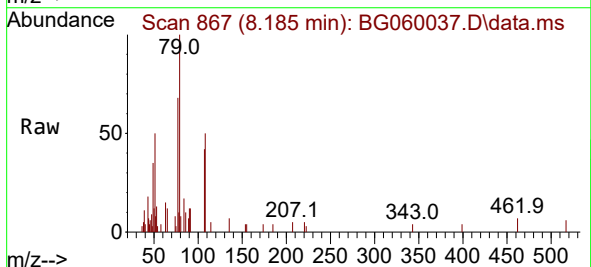
Instrument :
BNA_G
ClientSampleId :
MW-1B-K-T

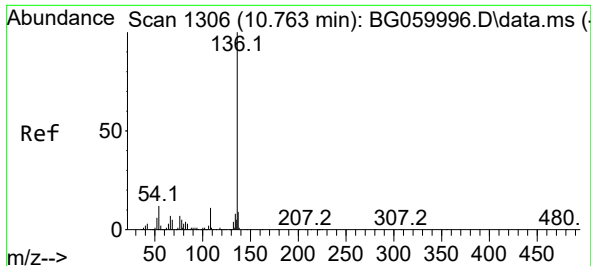
Tgt Ion: 99 Resp: 171162
Ion Ratio Lower Upper
99 100
42 21.2 16.2 24.4
71 44.1 37.6 56.4



#15
Benzyl Alcohol
Concen: 2.492 ng
RT: 8.185 min Scan# 867
Delta R.T. -0.005 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion: 79 Resp: 9202
Ion Ratio Lower Upper
79 100
108 49.6 53.1 79.7#
77 68.2 52.8 79.2

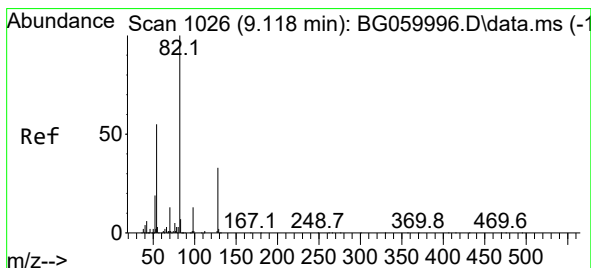
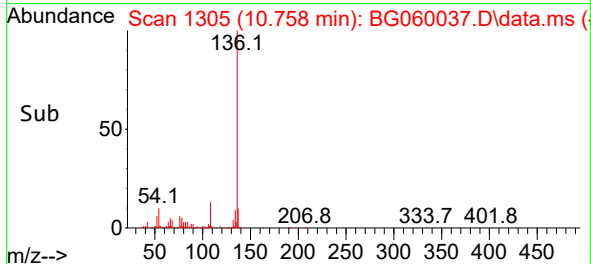
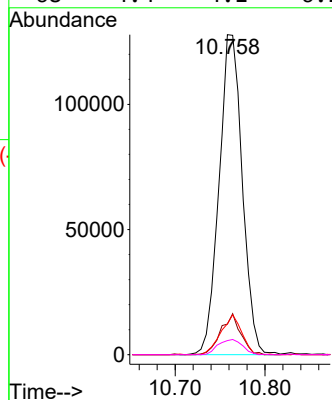
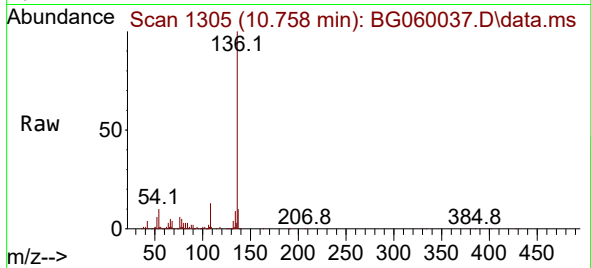




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

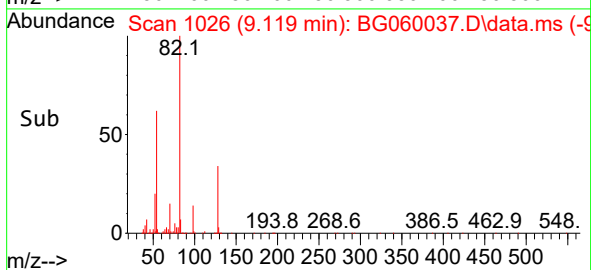
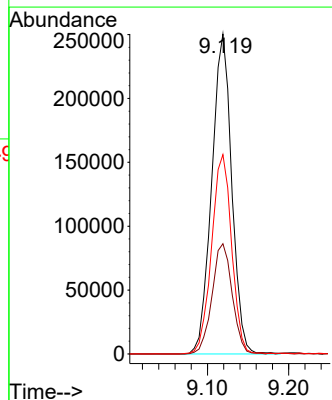
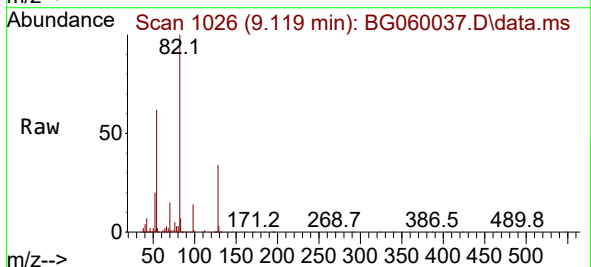
Instrument :
BNA_G
ClientSampleId :
MW-1B-K-T

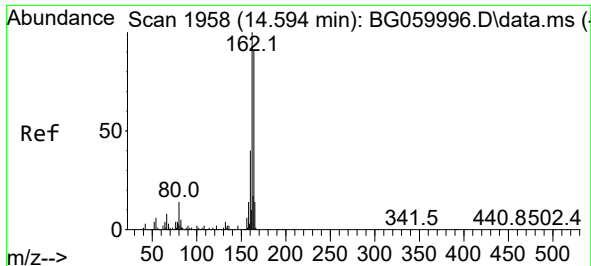
Tgt Ion:136	Resp: 230000
Ion Ratio	Lower Upper
136 100	
137 9.5	7.3 10.9
54 9.6	9.6 14.4
68 4.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.574 ng
RT: 9.119 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion: 82	Resp: 428380
Ion Ratio	Lower Upper
82 100	
128 34.4	26.3 39.5
54 62.3	44.3 66.5

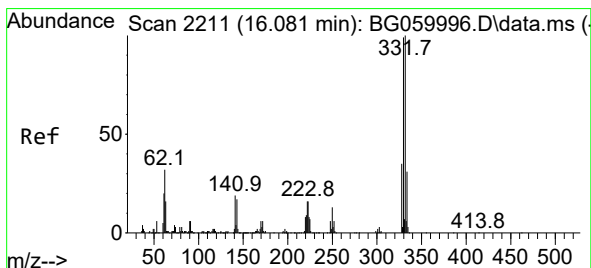
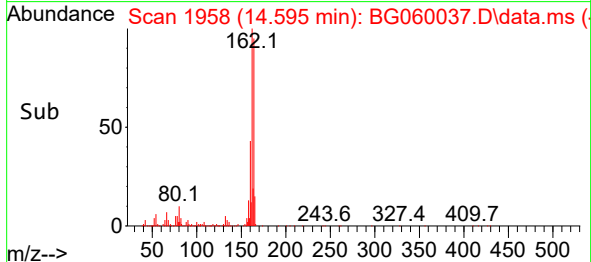
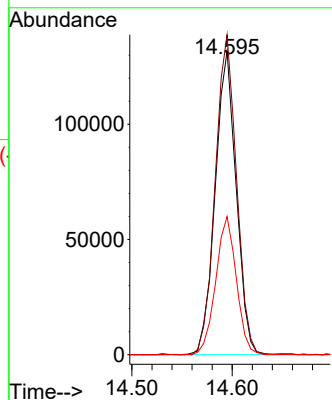
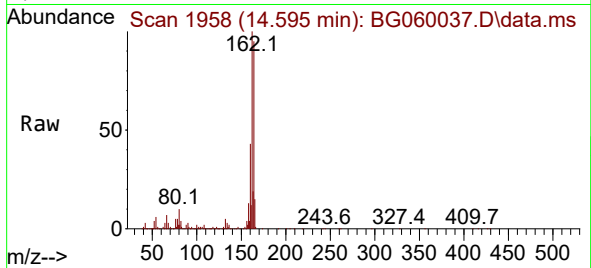




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

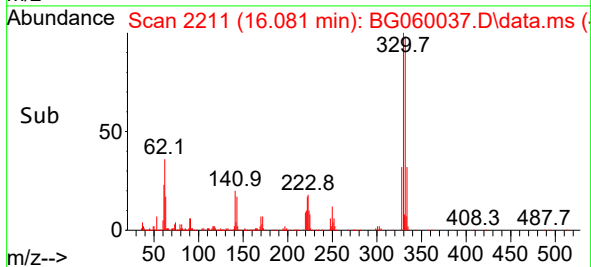
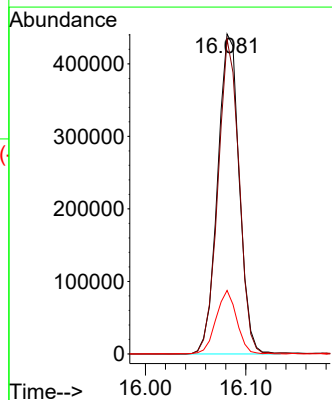
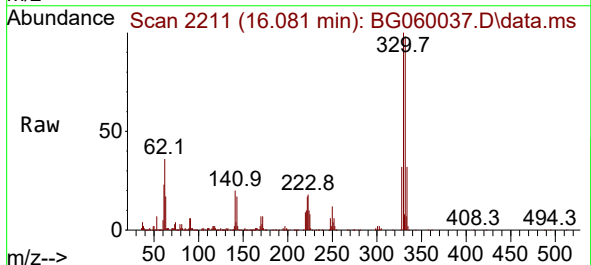
Instrument :
BNA_G
ClientSampleId :
MW-1B-K-T

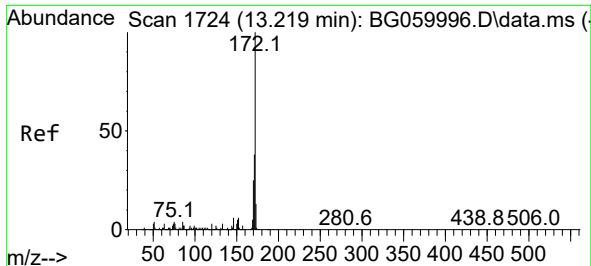
Tgt Ion:164 Resp: 191182
Ion Ratio Lower Upper
164 100
162 105.4 88.1 132.1
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 148.354 ng
RT: 16.081 min Scan# 2211
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion:330 Resp: 660979
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 19.0 14.3 21.5

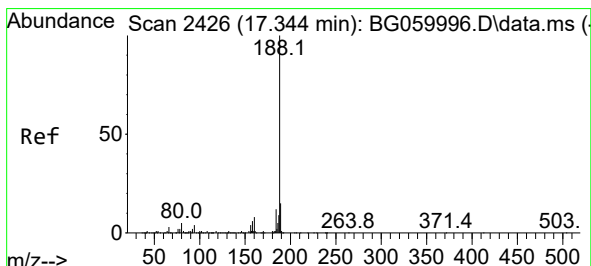
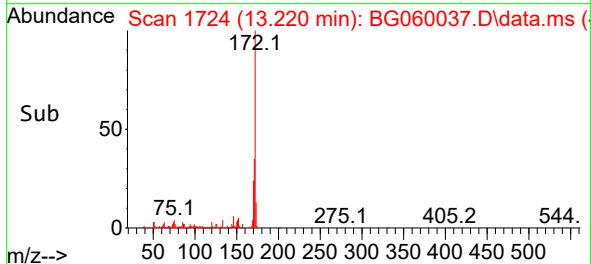
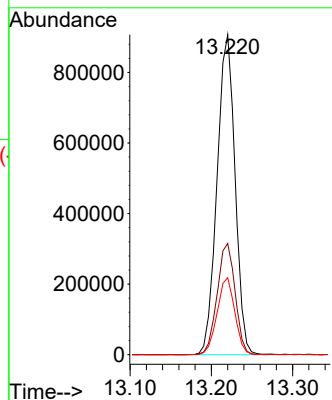
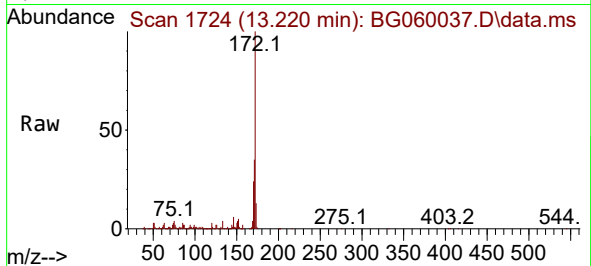




#45
2-Fluorobiphenyl
Concen: 89.544 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

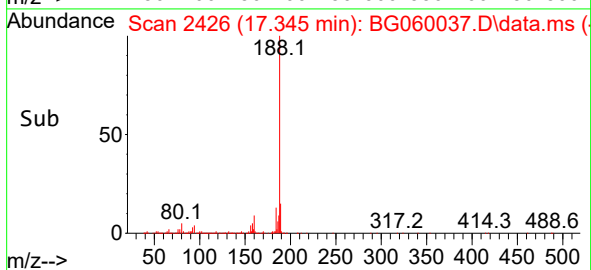
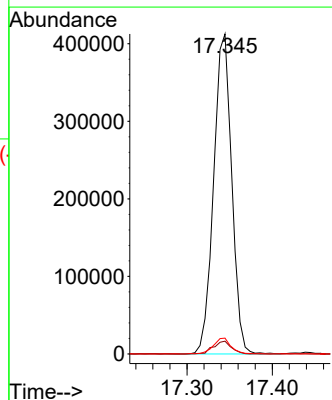
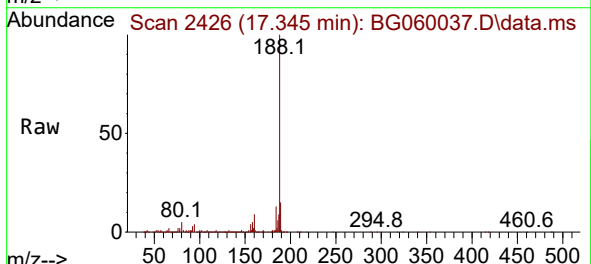
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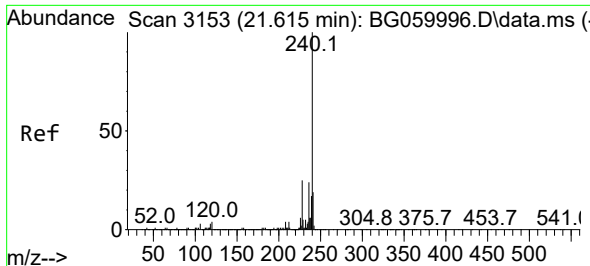
Tgt Ion:172 Resp: 1398750
Ion Ratio Lower Upper
172 100
171 34.7 30.1 45.1
170 24.1 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion:188 Resp: 607267
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.6
80 5.0 4.0 6.0

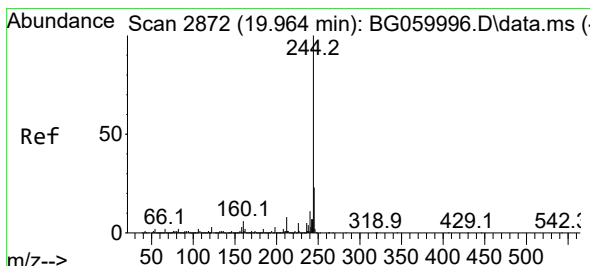
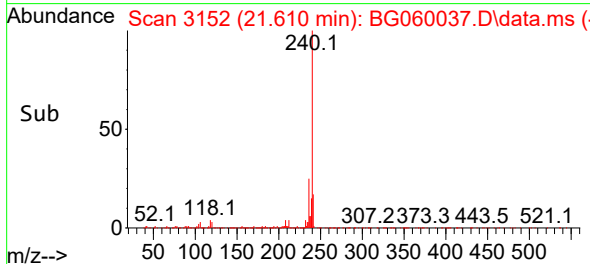
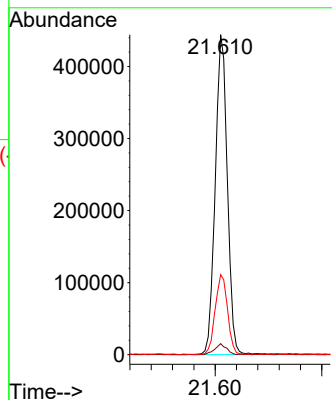
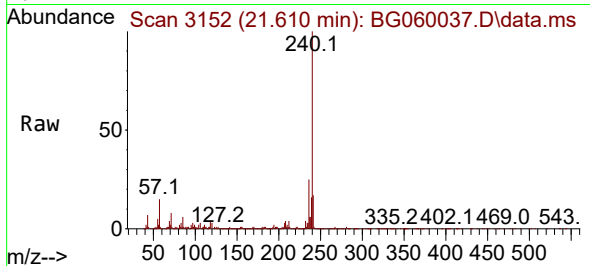




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

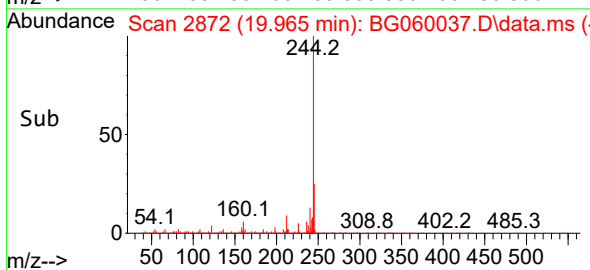
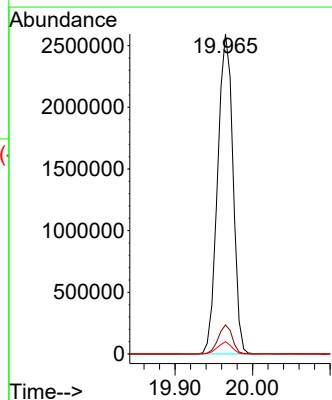
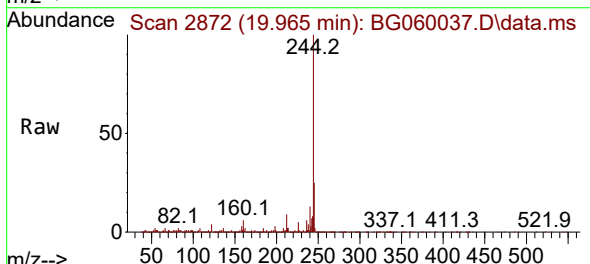
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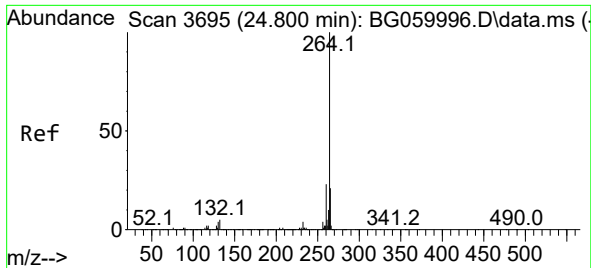
Tgt Ion:240 Resp: 698229
Ion Ratio Lower Upper
240 100
120 3.5 2.9 4.3
236 25.0 19.4 29.2



#79
Terphenyl-d14
Concen: 93.221 ng
RT: 19.965 min Scan# 2872
Delta R.T. 0.001 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Tgt Ion:244 Resp: 3565169
Ion Ratio Lower Upper
244 100
212 9.1 6.8 10.2
122 3.8 2.6 3.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.806 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG060037.D
Acq: 15 Dec 2023 15:51

Instrument :
BNA_G
ClientSampleId :
MW-1B-K-T

Tgt Ion:264 Resp: 800816

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.6	17.3	25.9

