

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060033.D
 Acq On : 15 Dec 2023 13:08
 Operator : MA/JU
 Sample : 05791-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 597-K-O

Quant Time: Dec 15 13:52:28 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)

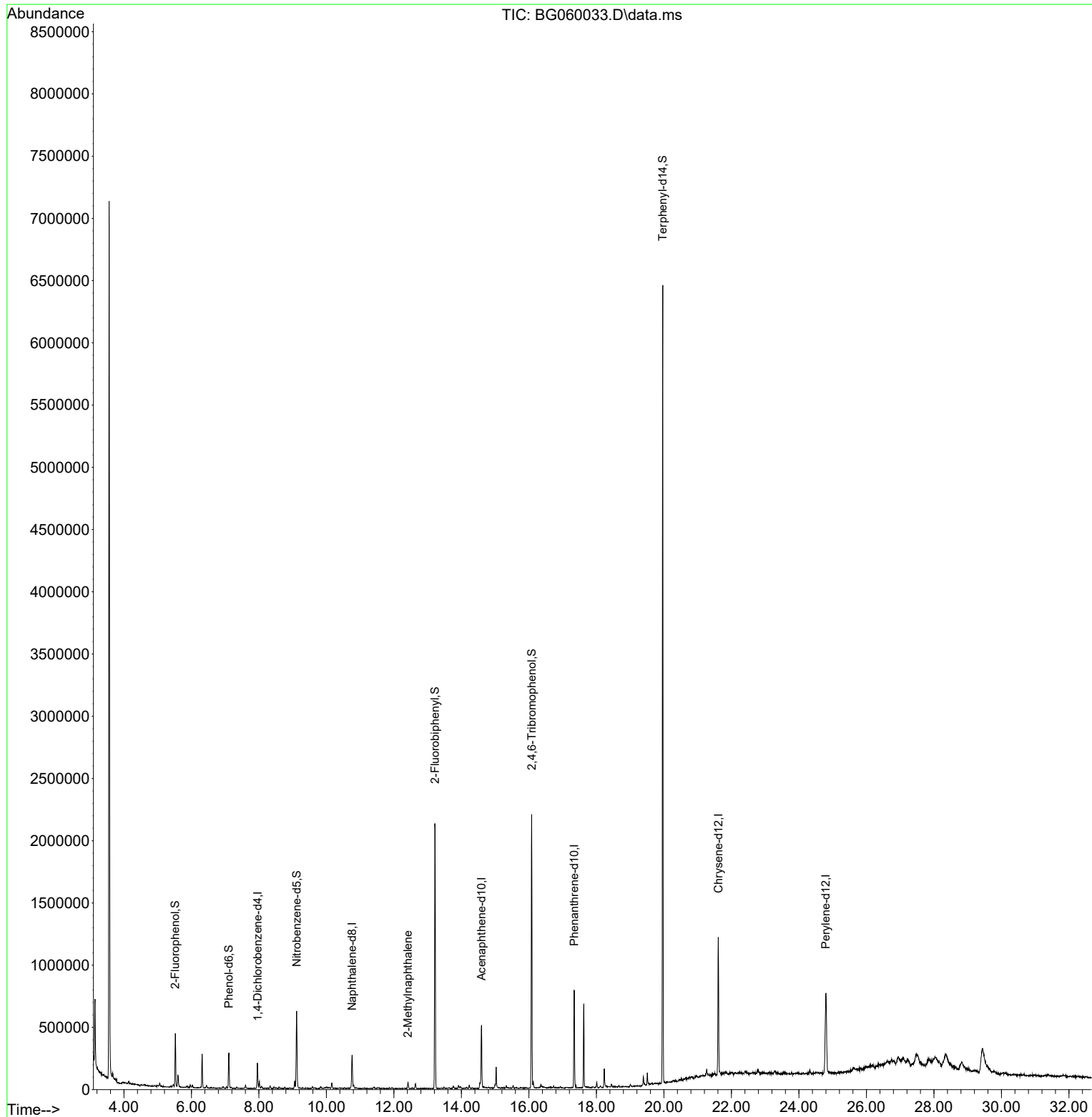
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	57066	20.000	ng	# 0.00
21) Naphthalene-d8	10.758	136	213076	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	176913	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	556147	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	706500	20.000	ng	0.00
86) Perylene-d12	24.794	264	813122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	159568	47.867	ng	0.00
7) Phenol-d6	7.109	99	135532	28.903	ng	0.00
23) Nitrobenzene-d5	9.118	82	365726	77.939	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	518012	125.643	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1196063	82.744	ng	0.00
79) Terphenyl-d14	19.964	244	3389994	87.603	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.414	142	22345	2.568	ng	Qvalue 93

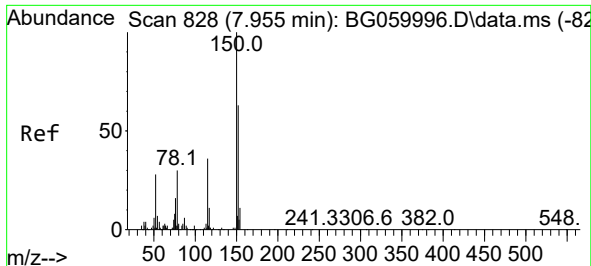
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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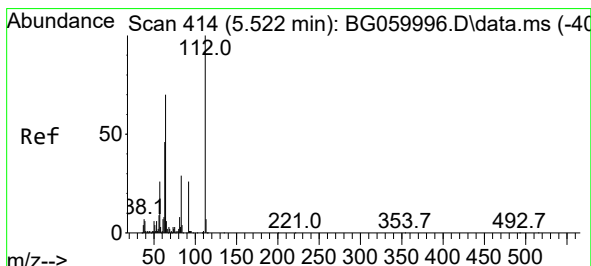
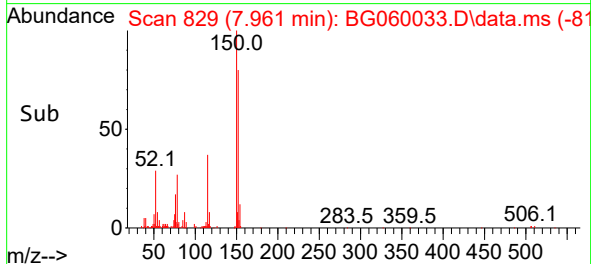
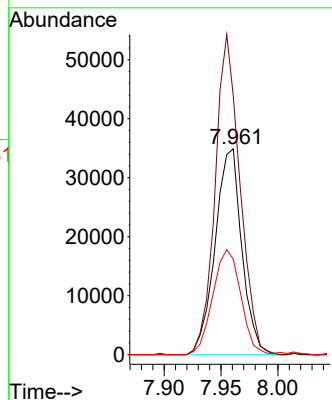
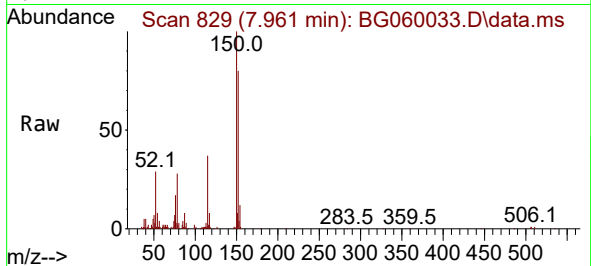




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.961 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BG060033.D
 Acq: 15 Dec 2023 13:08

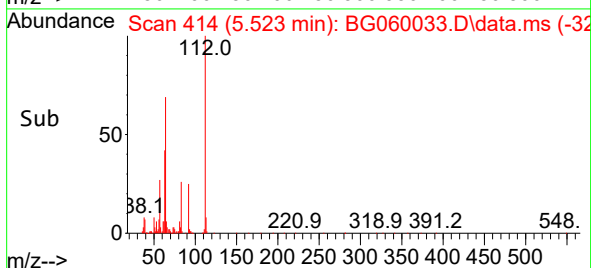
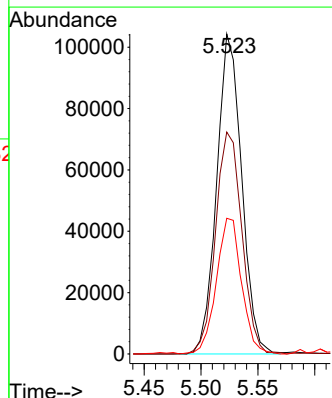
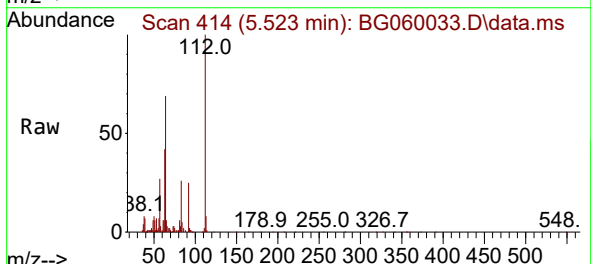
Instrument :
 BNA_G
 ClientSampleId :
 597-K-O

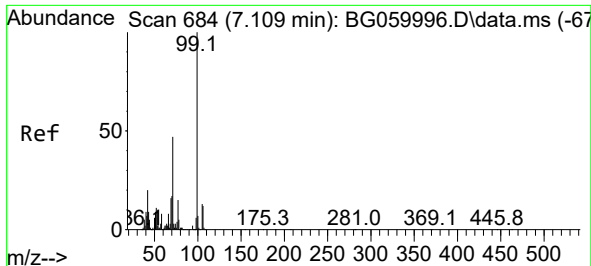
Tgt Ion:152 Resp: 57066
 Ion Ratio Lower Upper
 152 100
 150 125.5 127.0 190.6#
 115 46.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 47.867 ng
 RT: 5.523 min Scan# 414
 Delta R.T. 0.001 min
 Lab File: BG060033.D
 Acq: 15 Dec 2023 13:08

Tgt Ion:112 Resp: 159568
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.9 83.9
 63 42.4 36.5 54.7

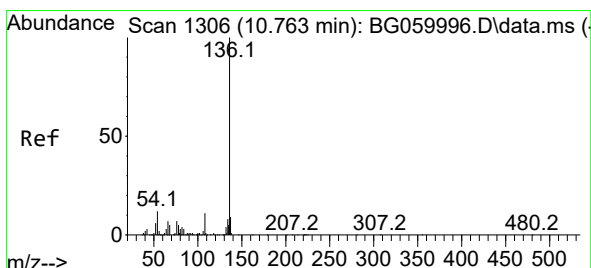
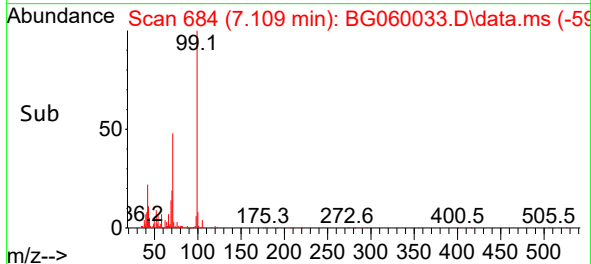
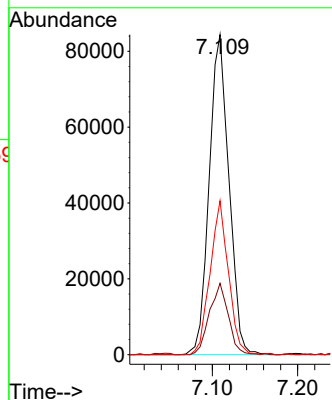
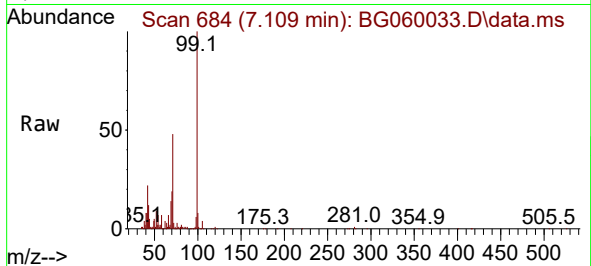




#7
Phenol-d6
Concen: 28.903 ng
RT: 7.109 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

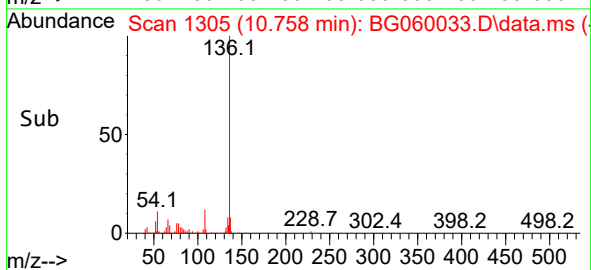
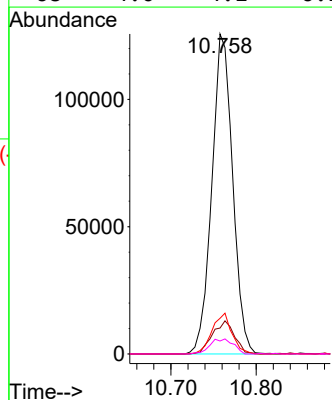
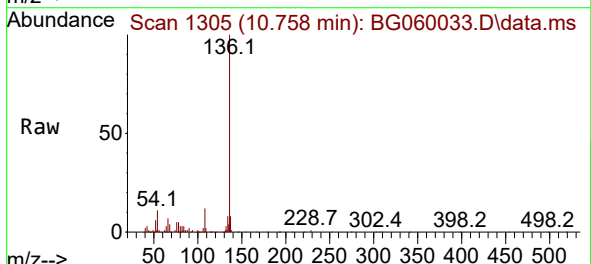
Instrument :
BNA_G
ClientSampleId :
597-K-O

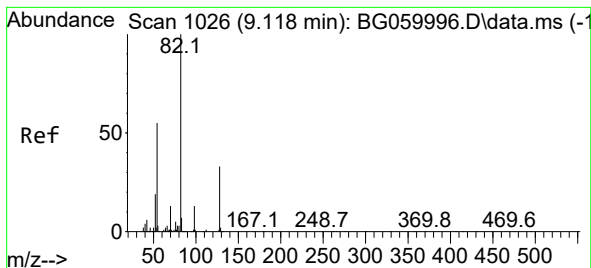
Tgt Ion: 99 Resp: 135532
Ion Ratio Lower Upper
99 100
42 22.3 16.2 24.4
71 48.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Tgt Ion:136 Resp: 213076
Ion Ratio Lower Upper
136 100
137 8.1 7.3 10.9
54 11.1 9.6 14.4
68 4.0 4.1 6.1#

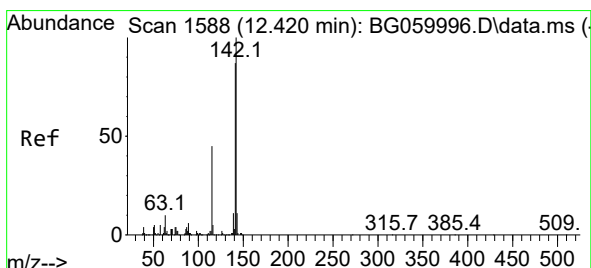
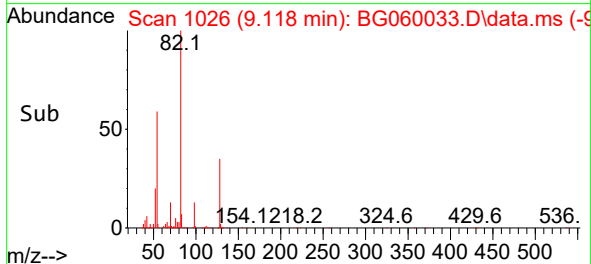
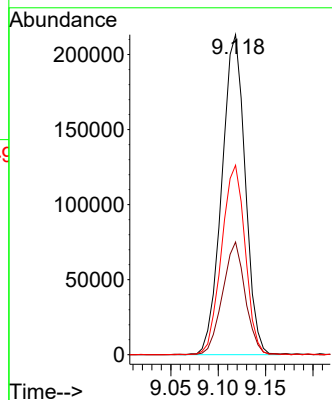
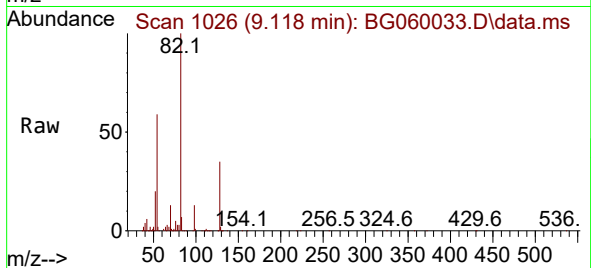




#23
Nitrobenzene-d5
Concen: 77.939 ng
RT: 9.118 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

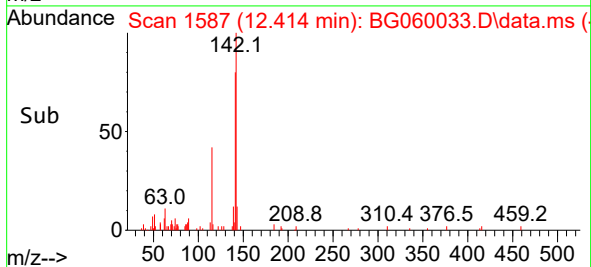
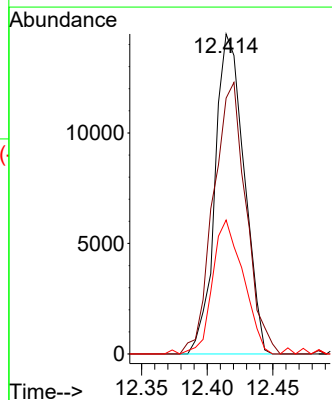
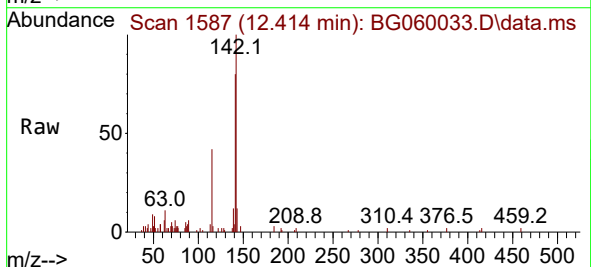
Instrument :
BNA_G
ClientSampleId :
597-K-O

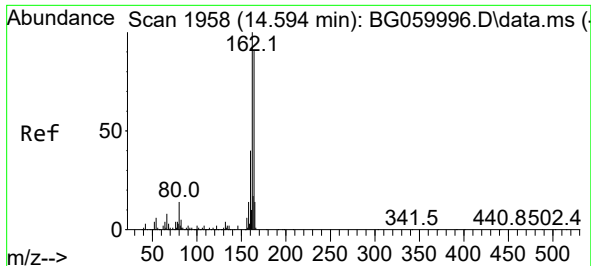
Tgt Ion: 82 Resp: 365726
Ion Ratio Lower Upper
82 100
128 35.2 26.3 39.5
54 59.2 44.3 66.5



#37
2-Methylnaphthalene
Concen: 2.568 ng
RT: 12.414 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Tgt Ion: 142 Resp: 22345
Ion Ratio Lower Upper
142 100
141 80.0 69.9 104.9
115 41.8 36.1 54.1

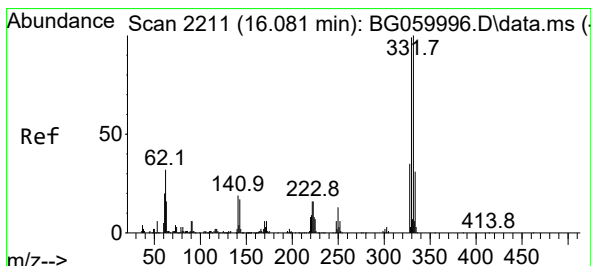
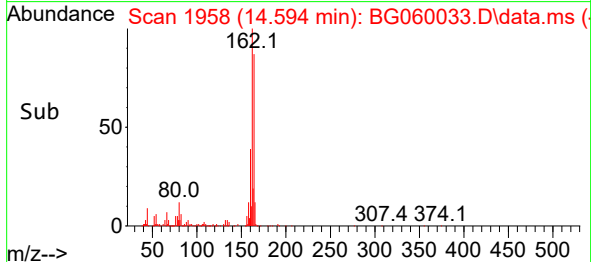
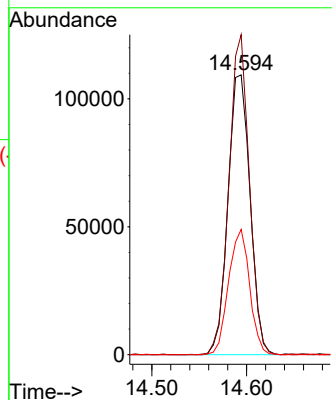
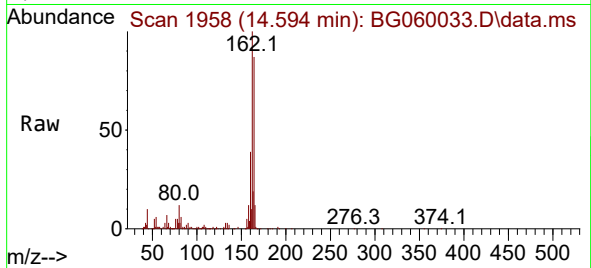




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

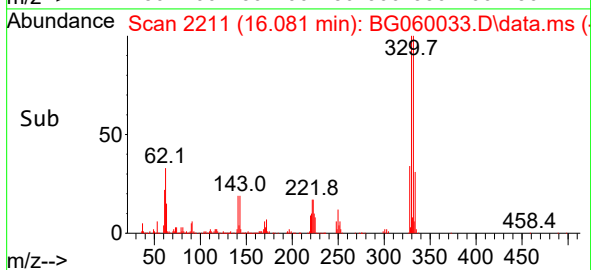
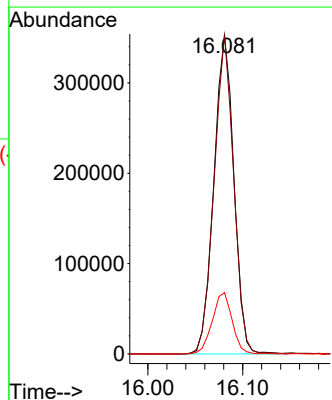
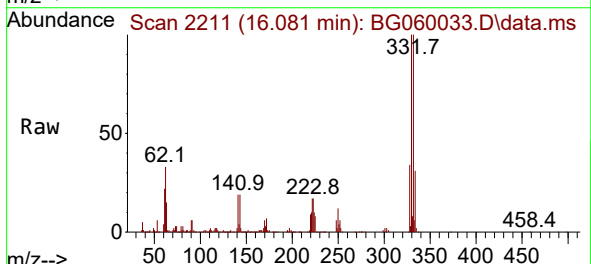
Instrument :
BNA_G
ClientSampleId :
597-K-O

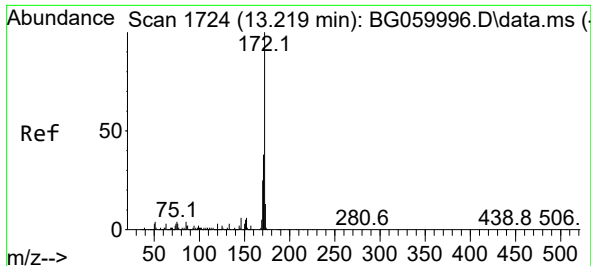
Tgt Ion:164 Resp: 176913
Ion Ratio Lower Upper
164 100
162 114.3 88.1 132.1
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 125.643 ng
RT: 16.081 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Tgt Ion:330 Resp: 518012
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 19.2 14.3 21.5

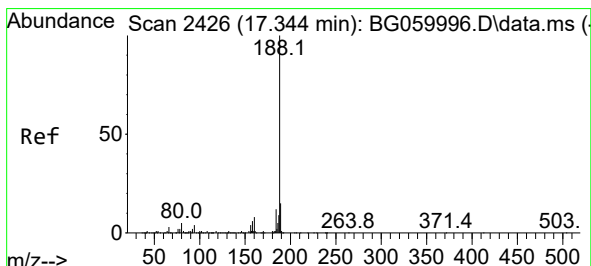
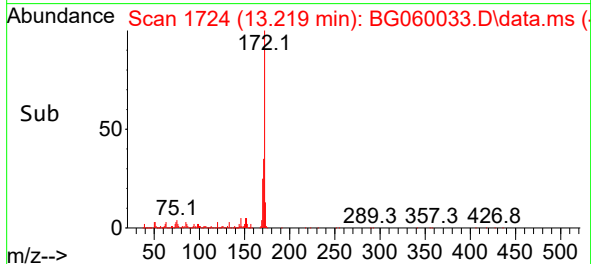
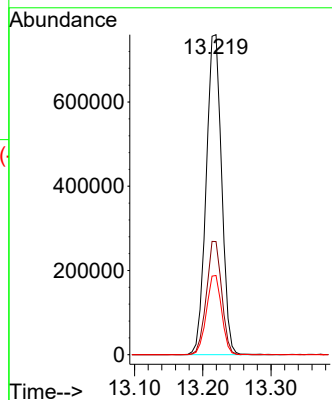
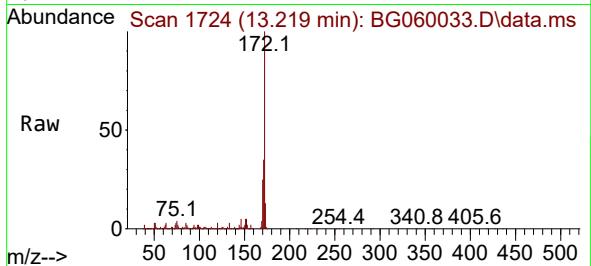




#45
2-Fluorobiphenyl
Concen: 82.744 ng
RT: 13.219 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

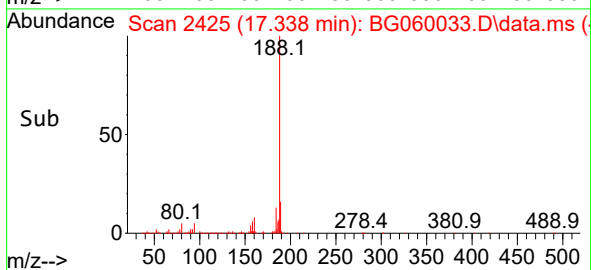
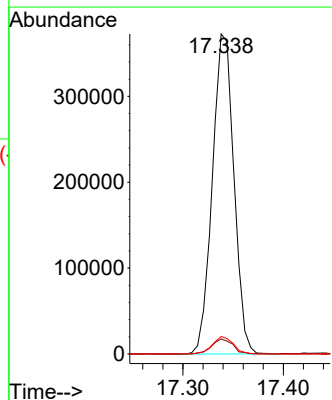
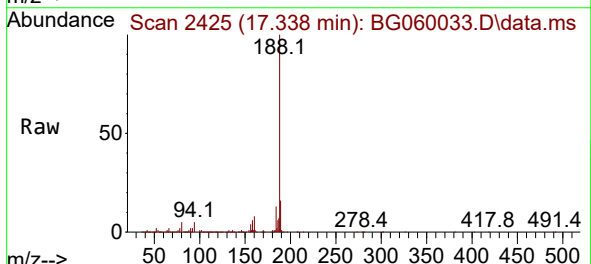
Instrument :
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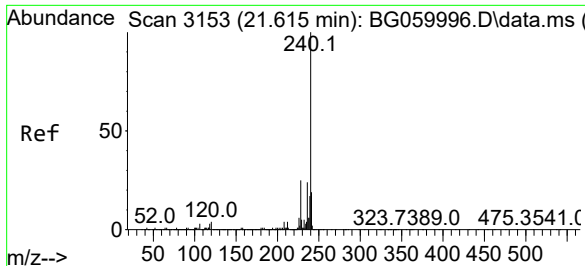
Tgt Ion:172 Resp: 1196063
Ion Ratio Lower Upper
172 100
171 35.4 30.1 45.1
170 24.7 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Tgt Ion:188 Resp: 556147
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.6#
80 5.5 4.0 6.0

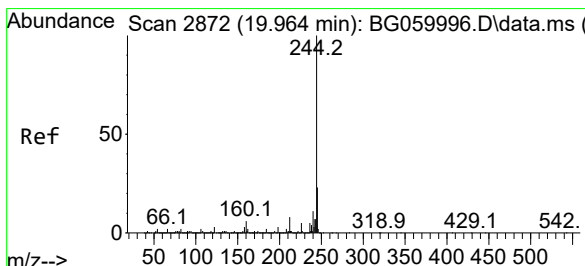
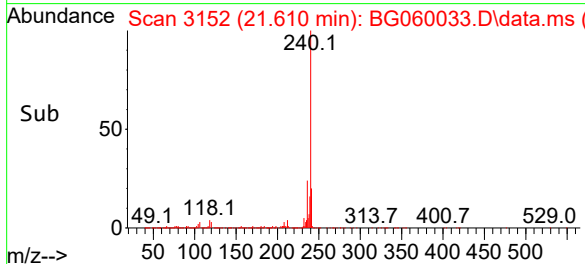
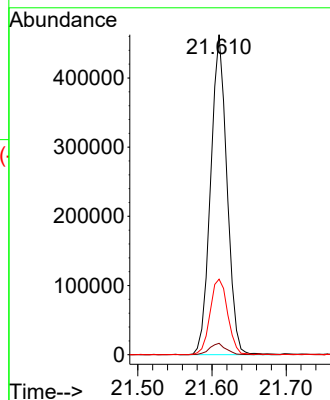
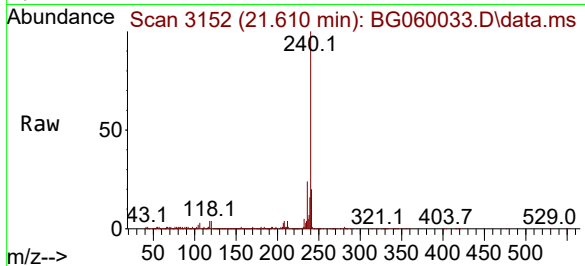




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

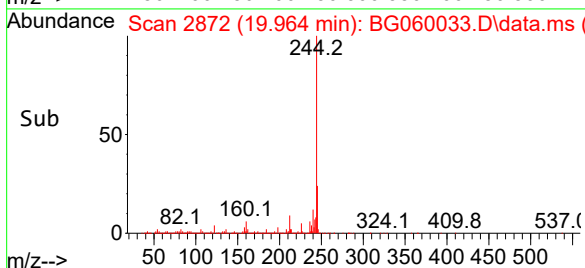
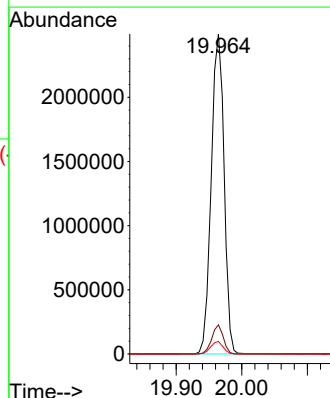
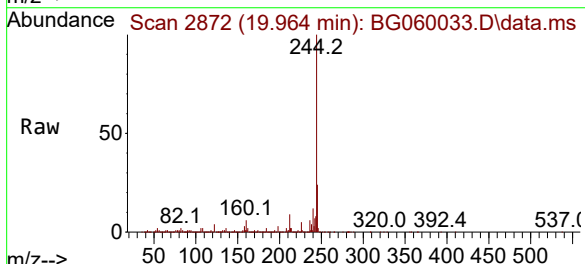
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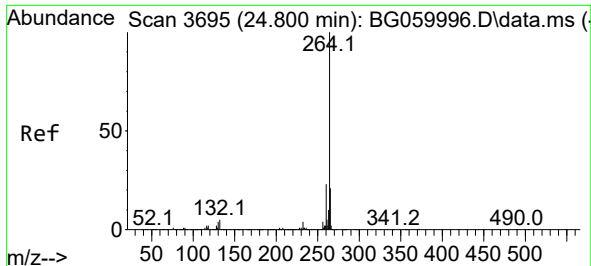
Tgt Ion:240 Resp: 706500
Ion Ratio Lower Upper
240 100
120 3.5 2.9 4.3
236 23.6 19.4 29.2



#79
Terphenyl-d14
Concen: 87.603 ng
RT: 19.964 min Scan# 2872
Delta R.T. 0.000 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Tgt Ion:244 Resp: 3389994
Ion Ratio Lower Upper
244 100
212 9.1 6.8 10.2
122 3.9 2.6 3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.794 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060033.D
Acq: 15 Dec 2023 13:08

Instrument :
BNA_G
ClientSampleId :
597-K-O

Tgt Ion:264 Resp: 813122

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.6	17.3	25.9

