

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060666.D
 Acq On : 15 Mar 2024 16:49
 Operator : MA/JU
 Sample : P1769-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Mar 15 17:28:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

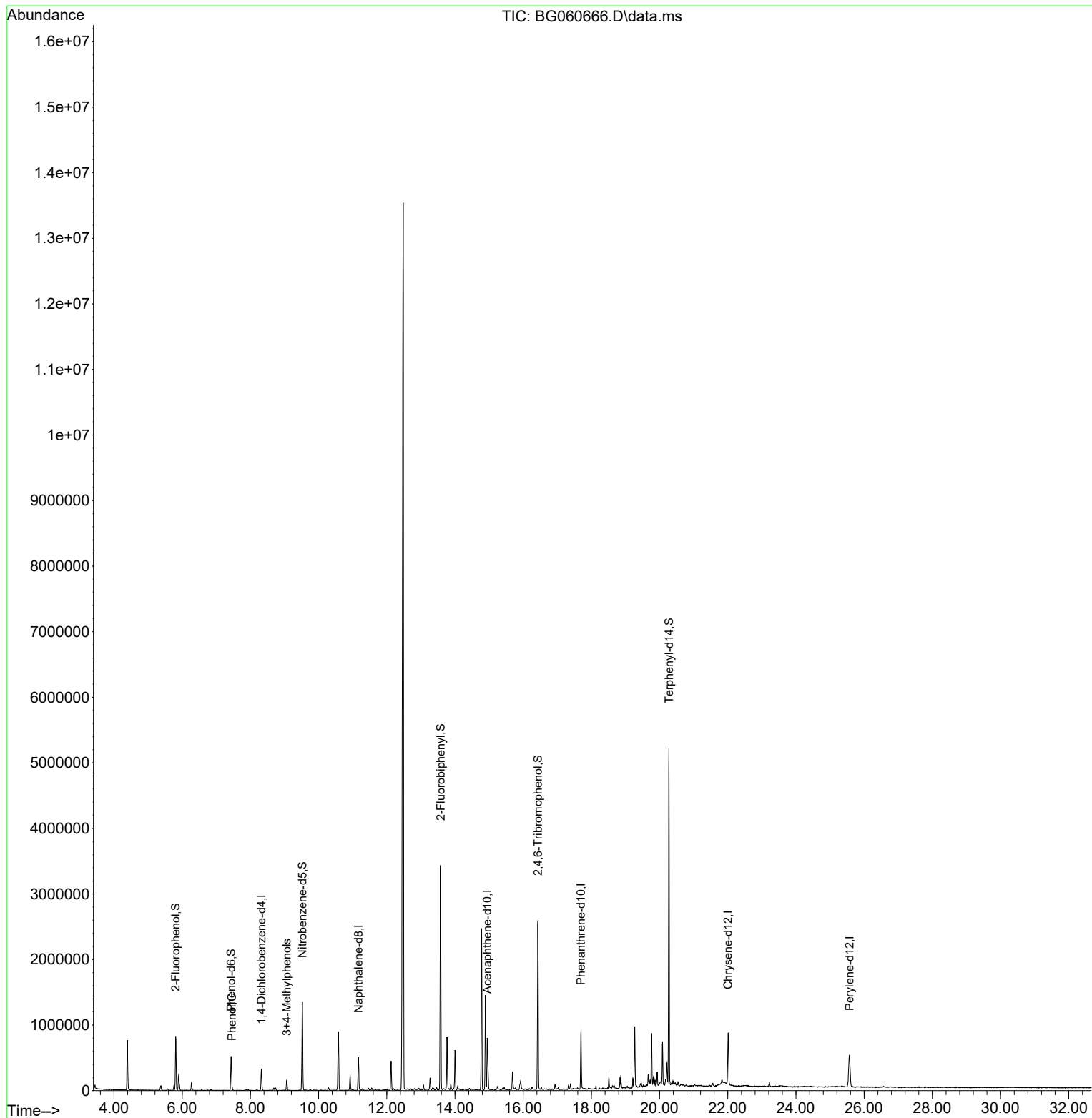
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	89979	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	411511	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	276984	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	567162	20.000	ng	0.00
76) Chrysene-d12	22.008	240	504480	20.000	ng	-0.02
86) Perylene-d12	25.568	264	586261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	335947	58.692	ng	0.00
7) Phenol-d6	7.437	99	295926	35.640	ng	0.00
23) Nitrobenzene-d5	9.522	82	766388	96.925	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	500030	155.789	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1796096	87.673	ng	0.00
79) Terphenyl-d14	20.275	244	2518265	90.229	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.460	94	19558	2.348	ng	84
20) 3+4-Methylphenols	9.064	107	69960	8.108	ng	93

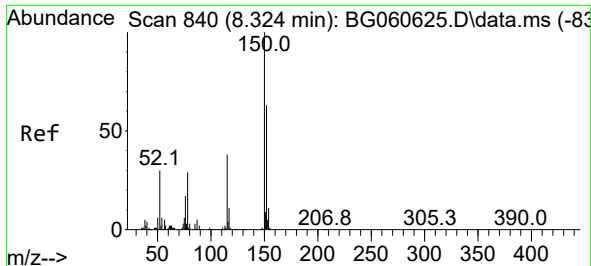
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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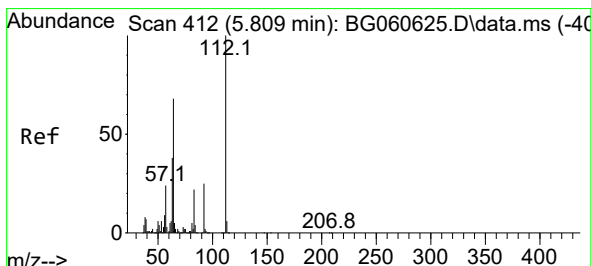
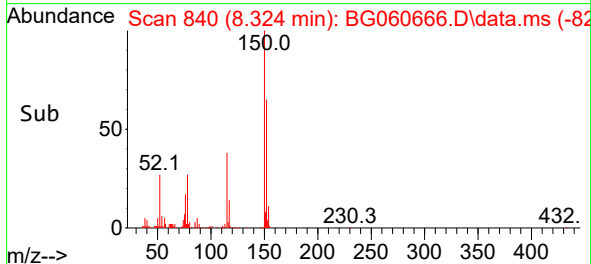
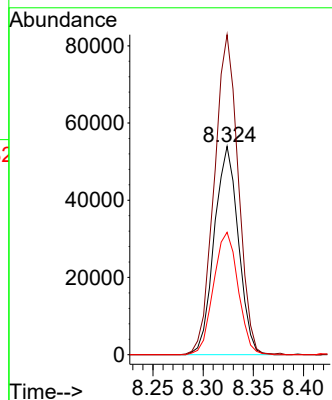
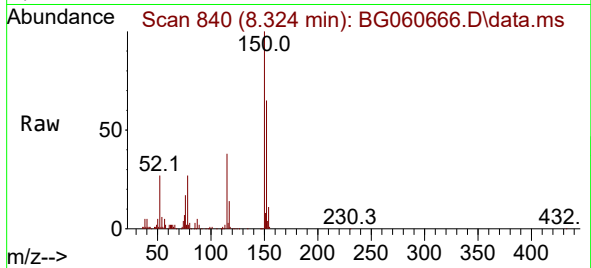




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: BG060666.D
 Acq: 15 Mar 2024 16:49

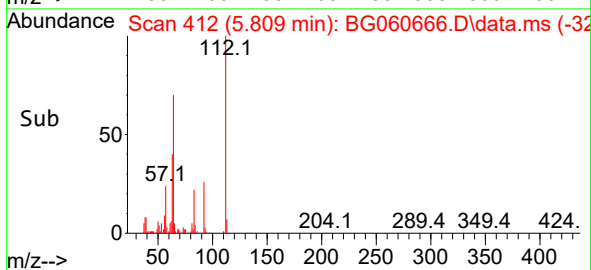
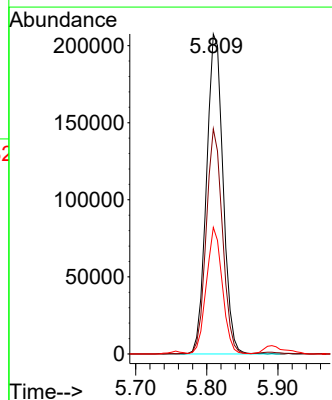
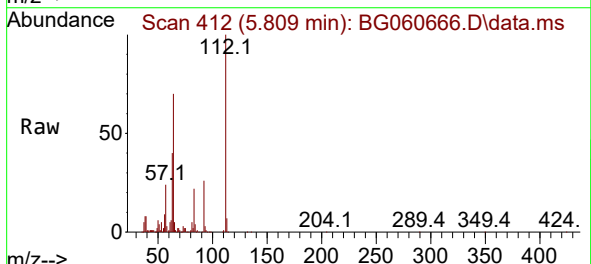
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

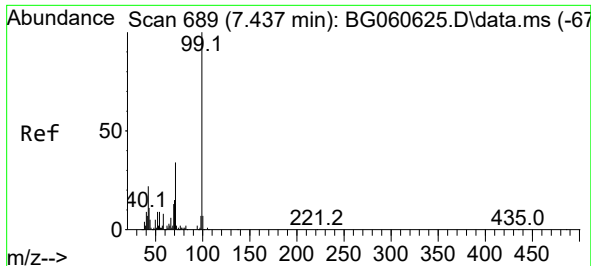
Tgt Ion:152 Resp: 89979
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.6 190.0
 115 58.8 47.8 71.8



#5
 2-Fluorophenol
 Concen: 58.692 ng
 RT: 5.809 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: BG060666.D
 Acq: 15 Mar 2024 16:49

Tgt Ion:112 Resp: 335947
 Ion Ratio Lower Upper
 112 100
 64 70.4 54.1 81.1
 63 39.6 30.3 45.5

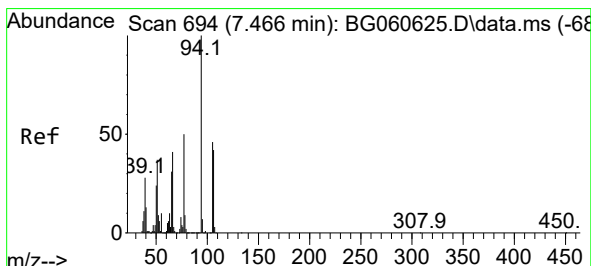
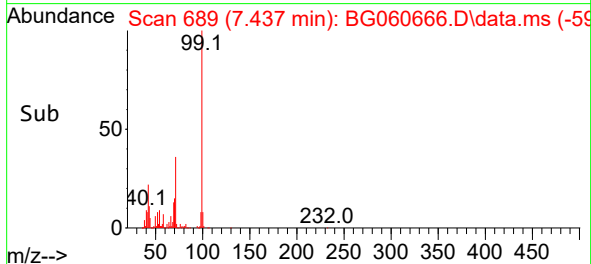
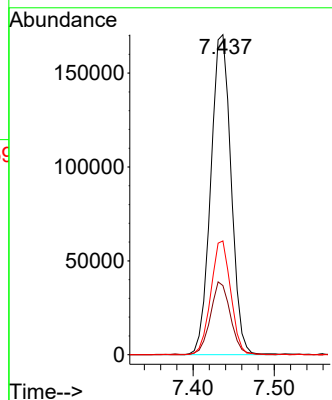
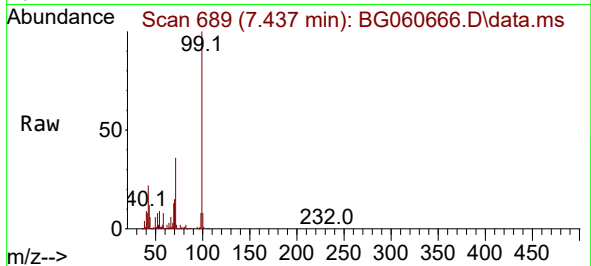




#7
Phenol-d6
Concen: 35.640 ng
RT: 7.437 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

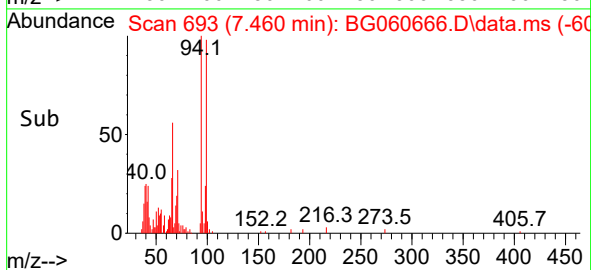
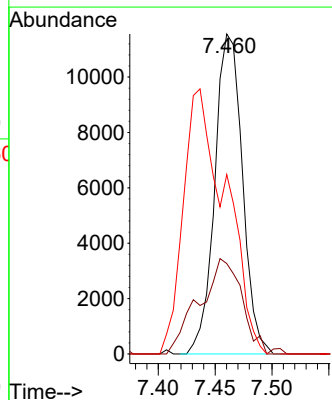
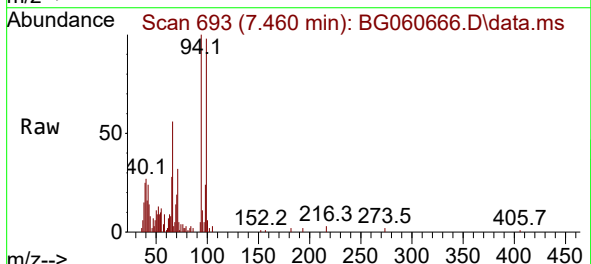
Instrument :
BNA_G
ClientSampleId :
MW-1

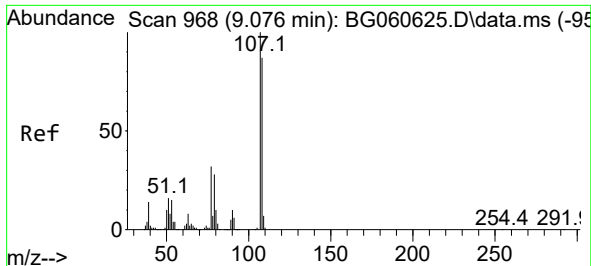
Tgt Ion: 99 Resp: 295926
Ion Ratio Lower Upper
99 100
42 21.6 17.5 26.3
71 35.6 27.4 41.0



#10
Phenol
Concen: 2.348 ng
RT: 7.460 min Scan# 693
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion: 94 Resp: 19558
Ion Ratio Lower Upper
94 100
65 28.2 11.2 51.2
66 56.0 21.0 61.0

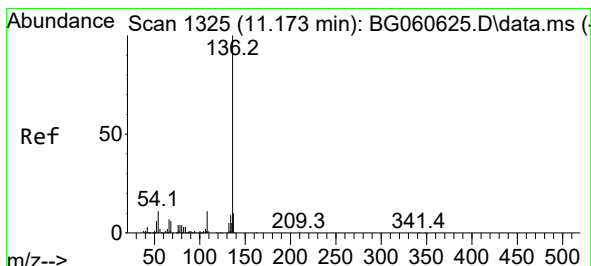
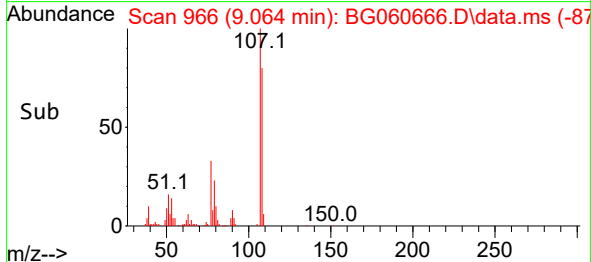
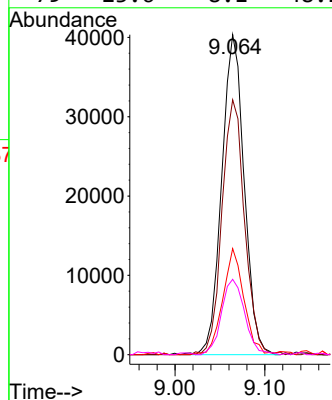
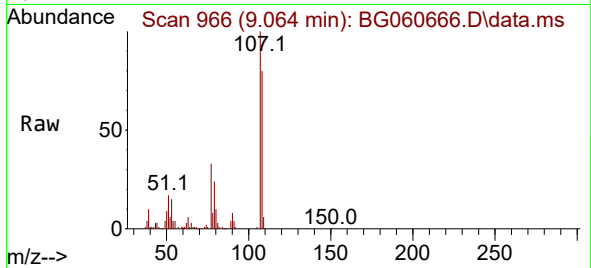




#20
3+4-Methylphenols
Concen: 8.108 ng
RT: 9.064 min Scan# 90
Delta R.T. -0.012 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

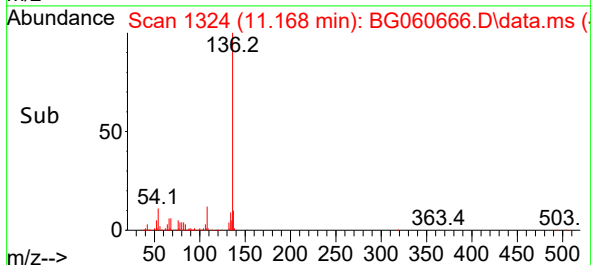
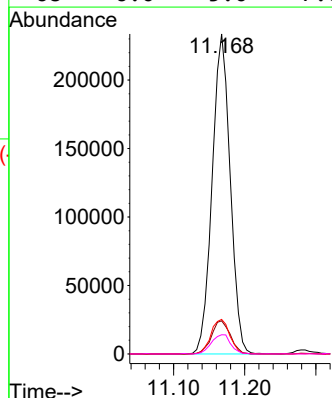
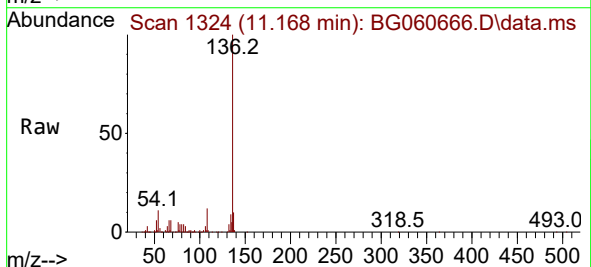
Instrument :
BNA_G
ClientSampleId :
MW-1

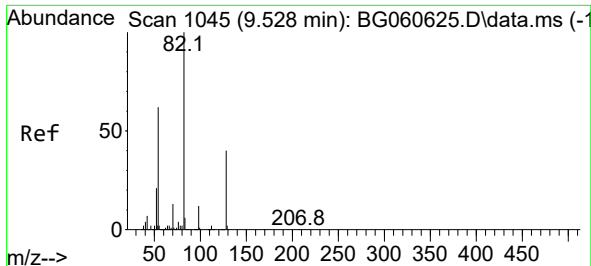
Tgt Ion:107	Resp:	69960
Ion	Ratio	Lower Upper
107	100	
108	79.7	66.8 106.8
77	33.2	12.4 52.4
79	23.6	8.1 48.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:136	Resp:	411511
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.4 12.6
54	10.8	8.5 12.7
68	6.0	5.0 7.6

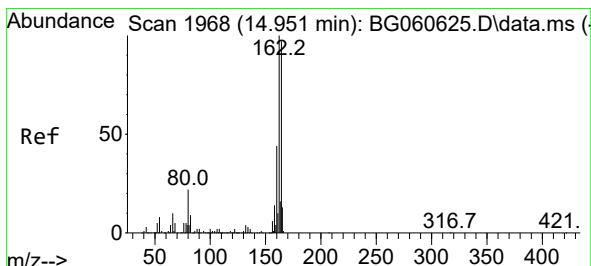
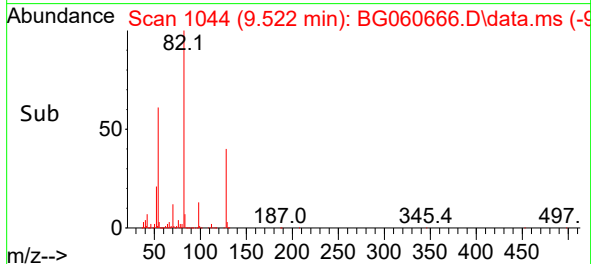
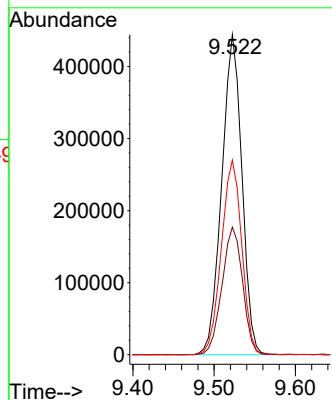
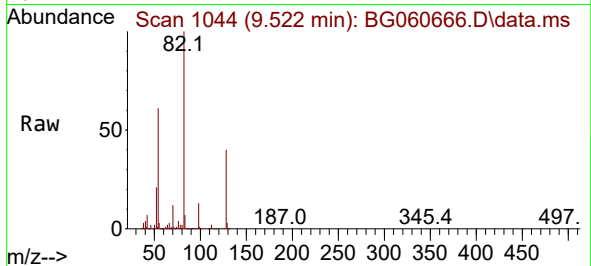




#23
Nitrobenzene-d5
Concen: 96.925 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

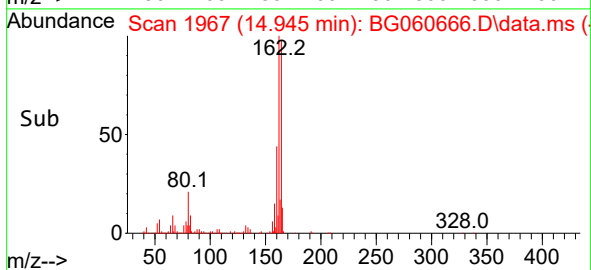
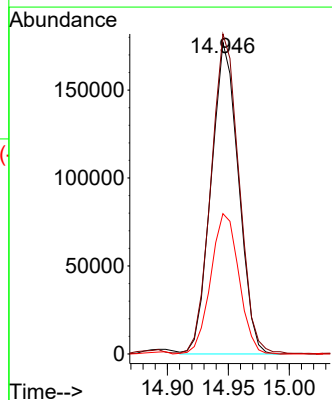
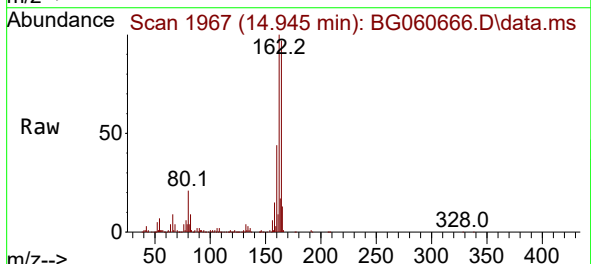
Instrument :
BNA_G
ClientSampleId :
MW-1

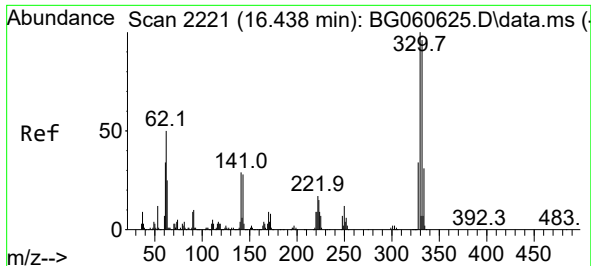
Tgt Ion: 82 Resp: 766388
Ion Ratio Lower Upper
82 100
128 39.9 31.6 47.4
54 60.8 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:164 Resp: 276984
Ion Ratio Lower Upper
164 100
162 102.7 82.5 123.7
160 45.0 36.4 54.6

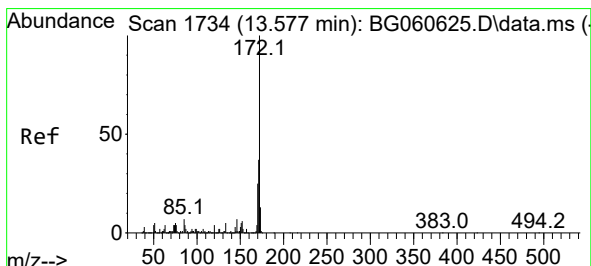
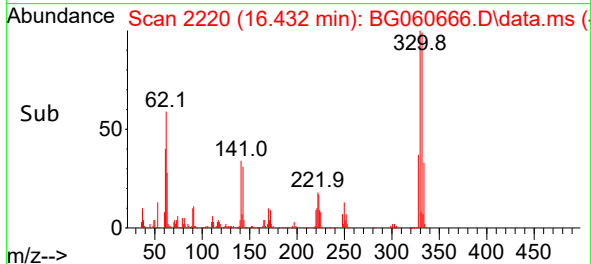
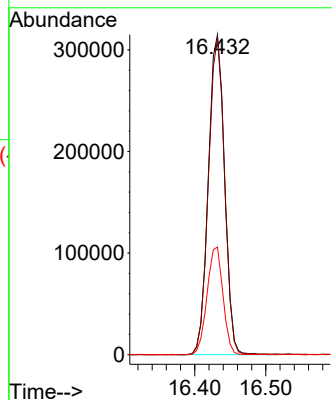
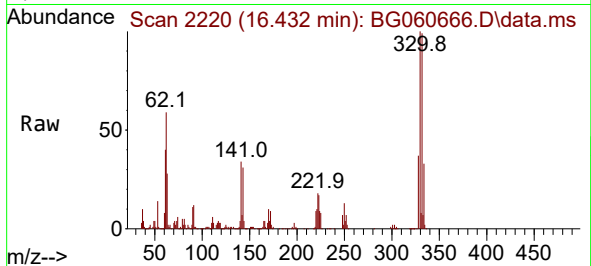




#42
2,4,6-Tribromophenol
Concen: 155.789 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

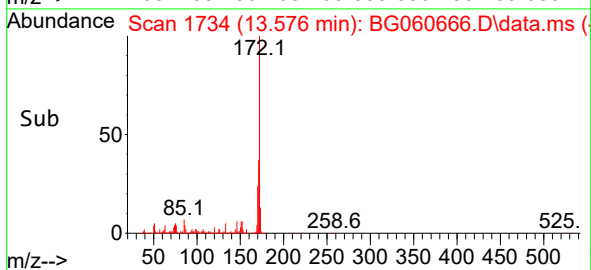
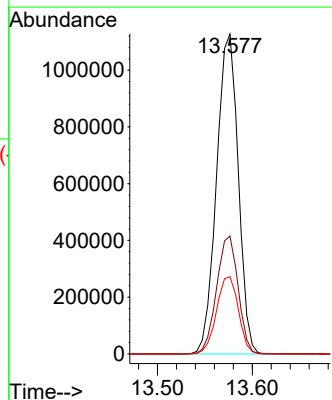
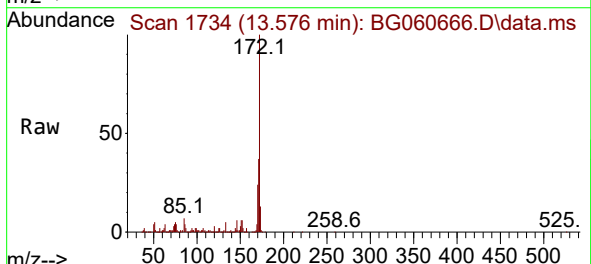
Instrument :
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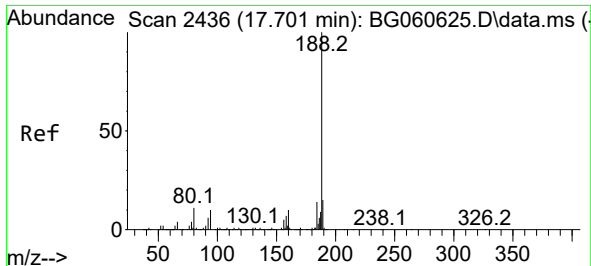
Tgt Ion:330 Resp: 500030
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 33.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 87.673 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:172 Resp: 1796096
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.2 19.8 29.6

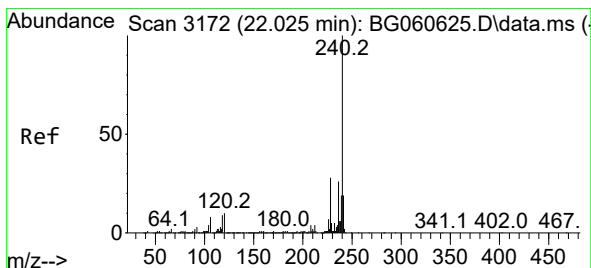
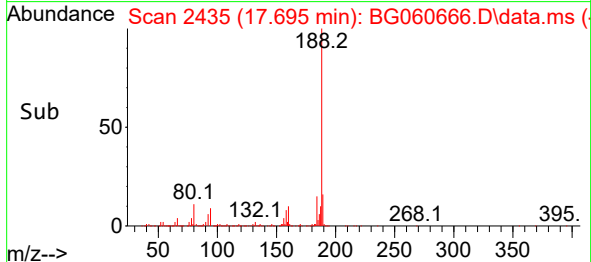
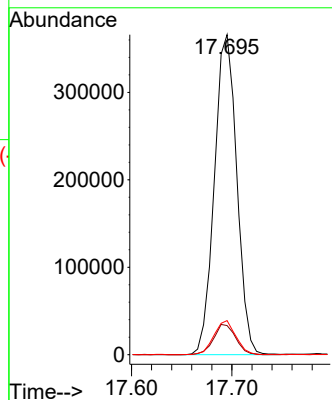
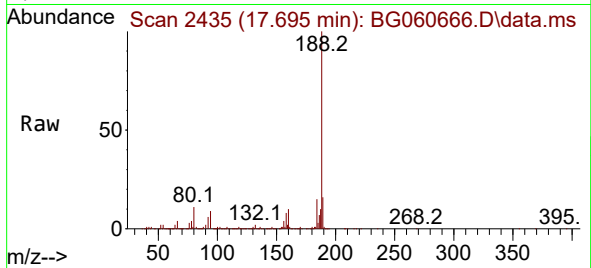




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

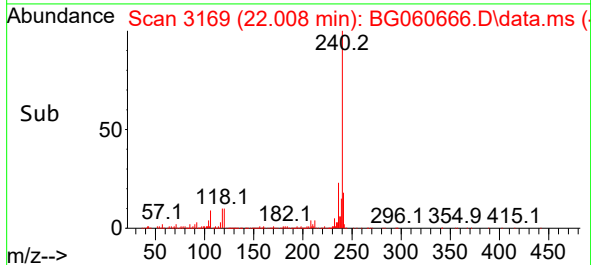
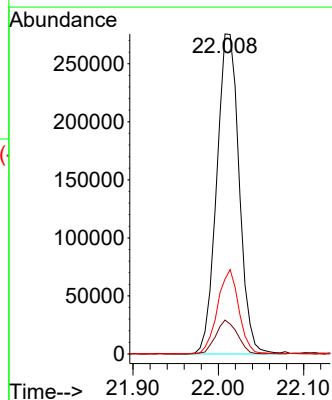
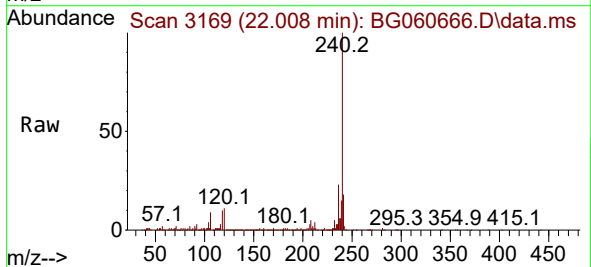
Instrument :
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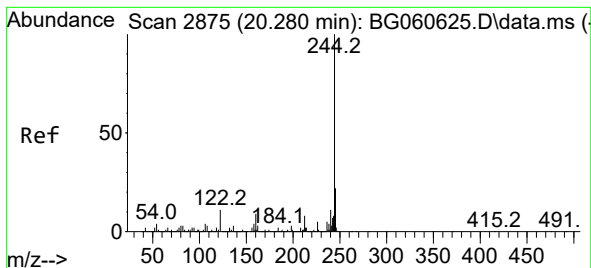
Tgt Ion:188 Resp: 567162
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.008 min Scan# 3169
Delta R.T. -0.018 min
Lab File: BG060666.D
Acq: 15 Mar 2024 16:49

Tgt Ion:240 Resp: 504480
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.8
236 23.4 20.6 31.0





#79

Terphenyl-d14

Concen: 90.229 ng

RT: 20.275 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

Instrument :

BNA_G

ClientSampleId :

MW-1

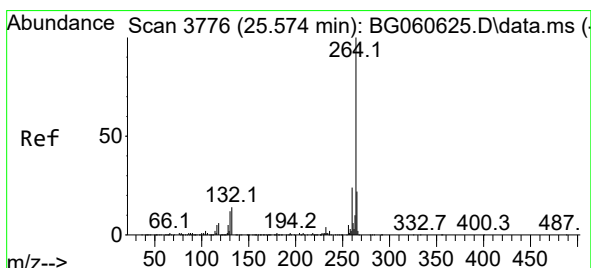
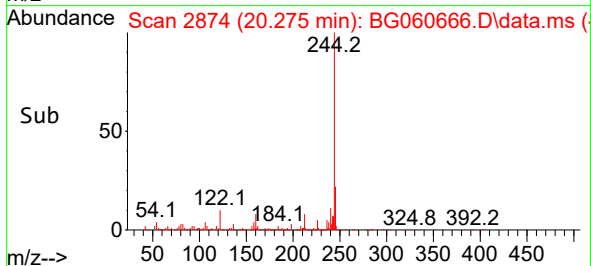
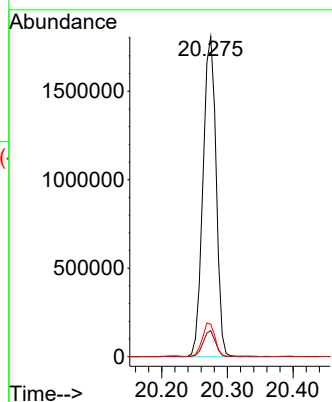
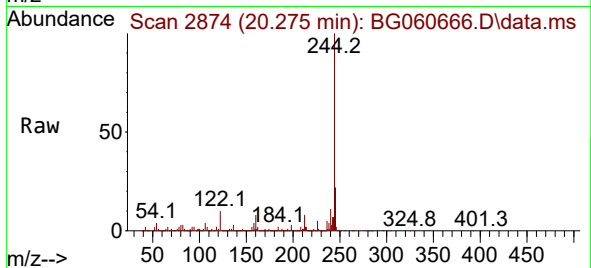
Tgt Ion:244 Resp: 2518265

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.1 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.568 min Scan# 3775

Delta R.T. -0.006 min

Lab File: BG060666.D

Acq: 15 Mar 2024 16:49

Tgt Ion:264 Resp: 586261

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.2 18.1 27.1

