

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060035.D
 Acq On : 15 Dec 2023 14:29
 Operator : MA/JU
 Sample : 05791-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

Quant Time: Dec 15 16:09:13 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	7.960	152	64553	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	256967	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	214074	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	635904	20.000	ng	0.00
76) Chrysene-d12	21.615	240	749946	20.000	ng	0.00
86) Perylene-d12	24.805	264	865803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	204396	54.203	ng	0.00
7) Phenol-d6	7.109	99	174362	32.871	ng	0.00
23) Nitrobenzene-d5	9.118	82	460961	81.456	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	713962	143.110	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1507230	86.171	ng	0.00
79) Terphenyl-d14	19.970	244	3706764	90.240	ng	0.00

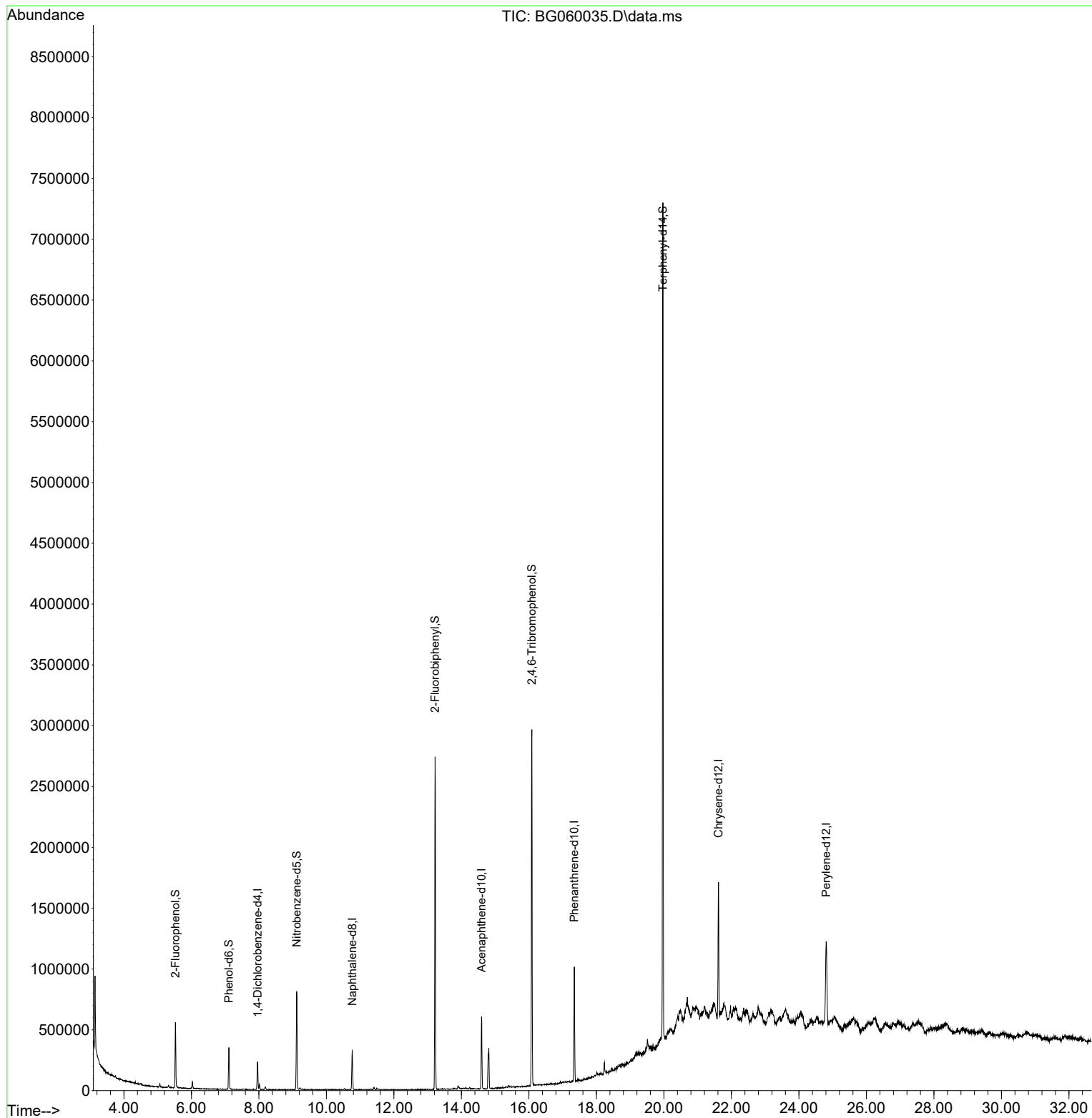
Target Compounds	Qvalue

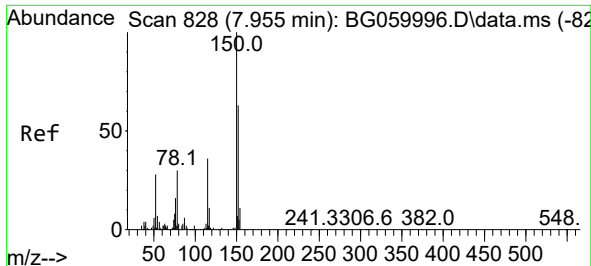
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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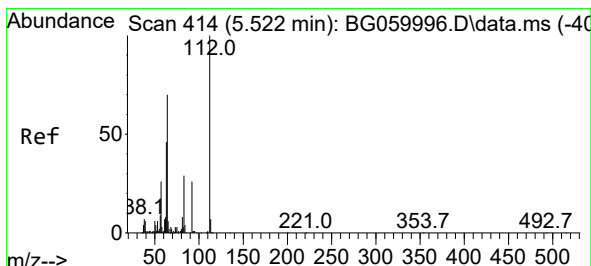
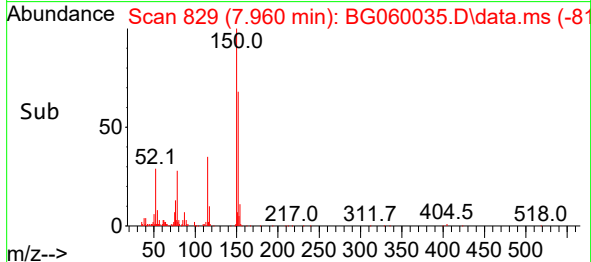
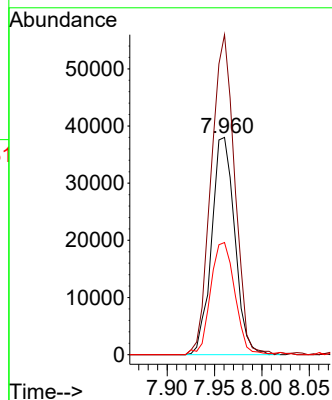
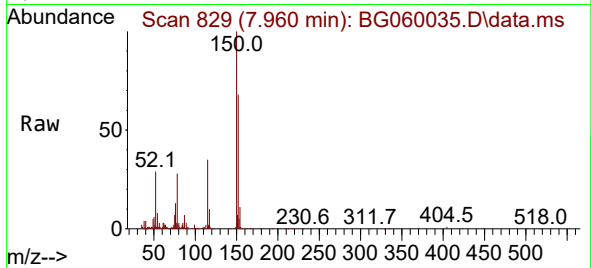




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.960 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

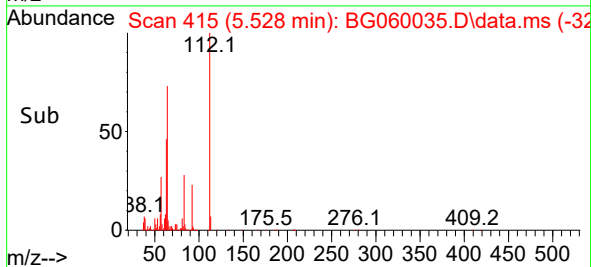
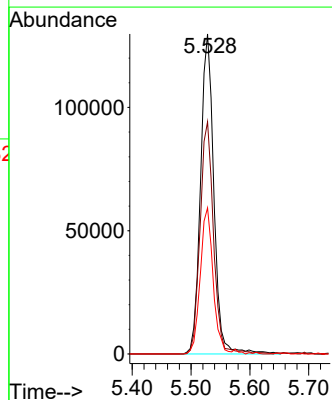
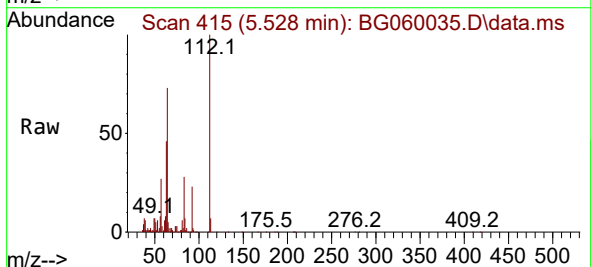
Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

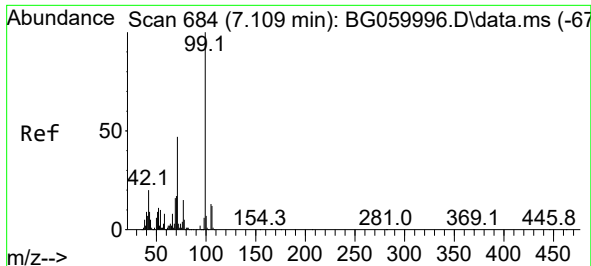
Tgt Ion:152 Resp: 64553
 Ion Ratio Lower Upper
 152 100
 150 147.3 127.0 190.6
 115 51.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 54.203 ng
 RT: 5.528 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

Tgt Ion:112 Resp: 204396
 Ion Ratio Lower Upper
 112 100
 64 72.5 55.9 83.9
 63 45.7 36.5 54.7



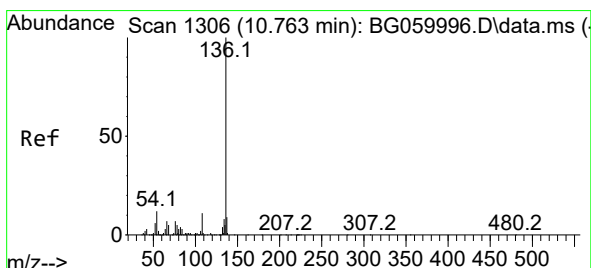
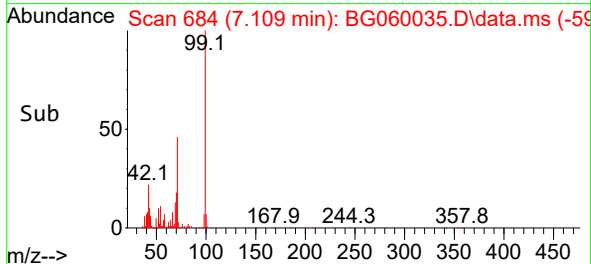
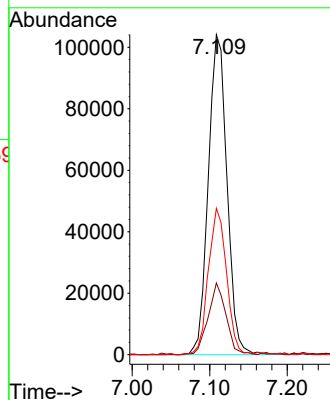
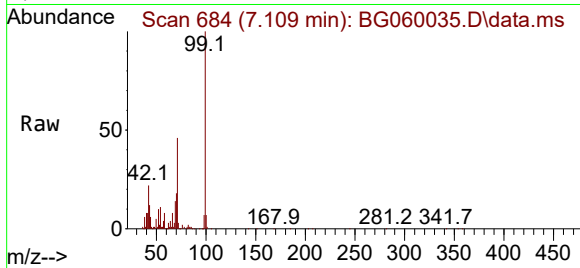


#7
Phenol-d6
Concen: 32.871 ng
RT: 7.109 min Scan# 684
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

Tgt Ion: 99 Resp: 174362

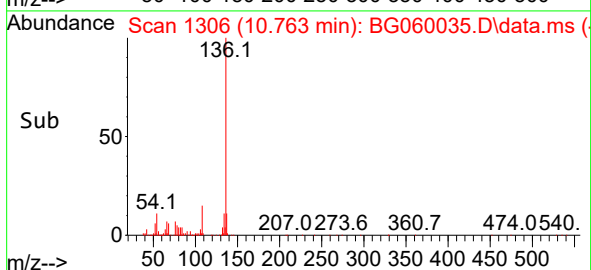
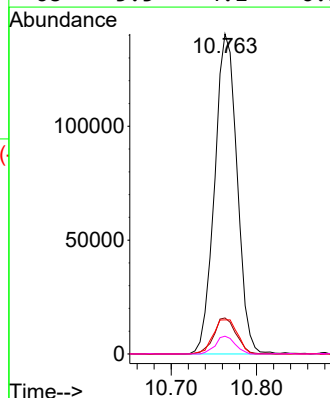
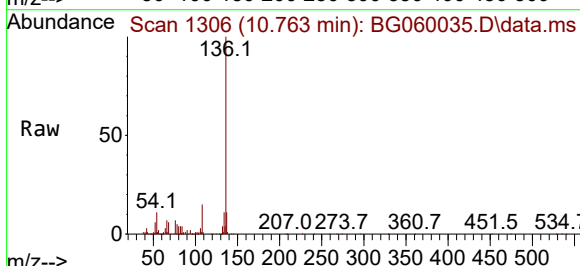
Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.2	24.4
71	45.7	37.6	56.4

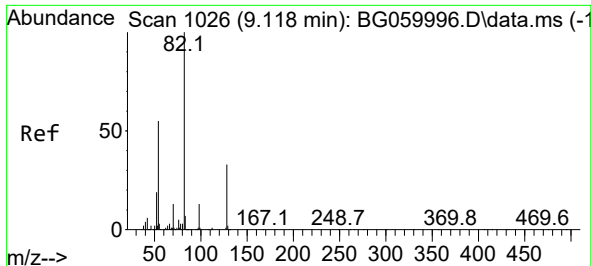


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion: 136 Resp: 256967

Ion	Ratio	Lower	Upper
136	100		
137	11.3	7.3	10.9
54	10.6	9.6	14.4
68	5.5	4.1	6.1

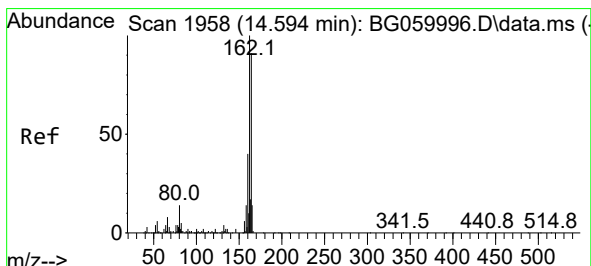
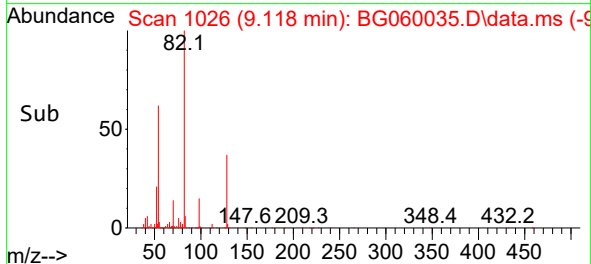
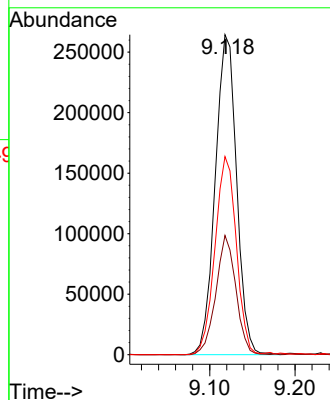
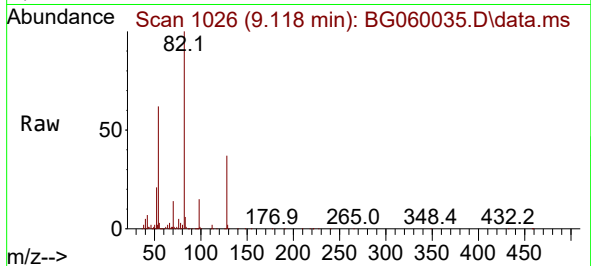




#23
Nitrobenzene-d5
Concen: 81.456 ng
RT: 9.118 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

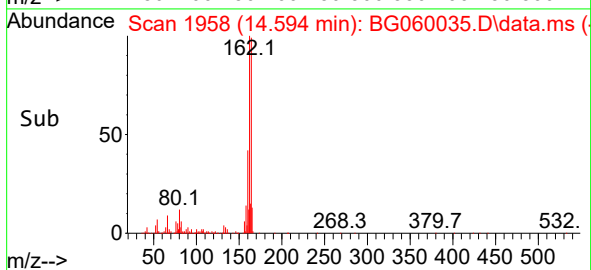
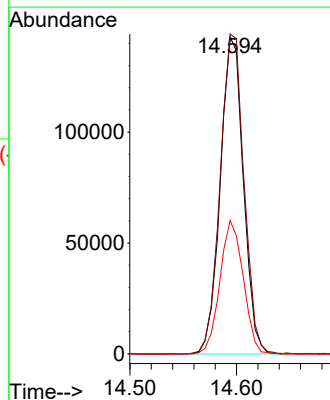
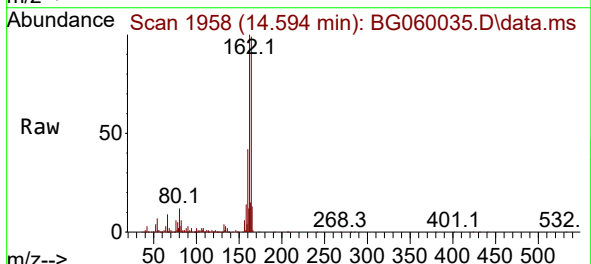
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

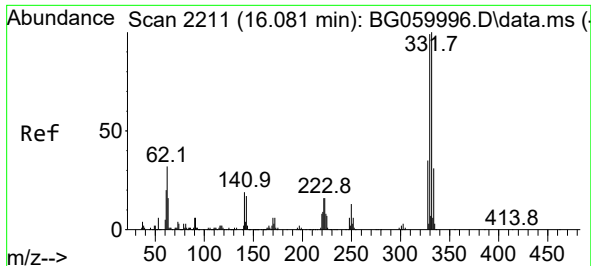
Tgt Ion: 82 Resp: 460961
Ion Ratio Lower Upper
82 100
128 37.2 26.3 39.5
54 61.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:164 Resp: 214074
Ion Ratio Lower Upper
164 100
162 100.9 88.1 132.1
160 42.1 35.4 53.0

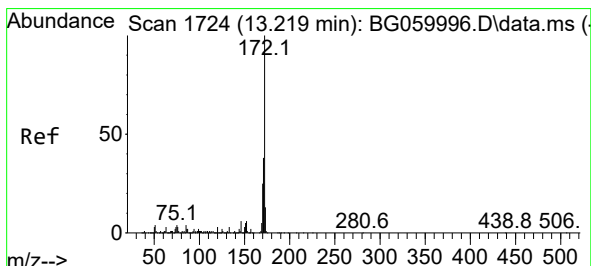
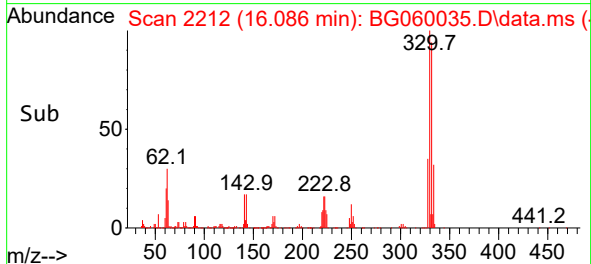
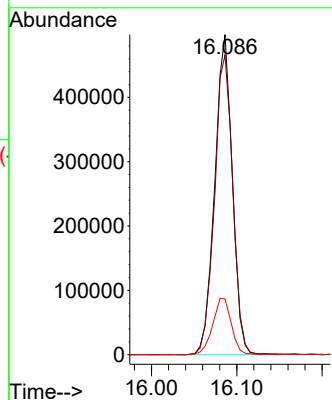
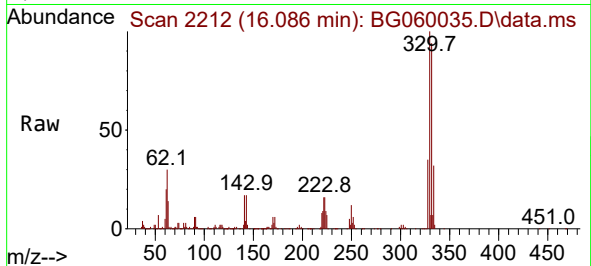




#42
2,4,6-Tribromophenol
Concen: 143.110 ng
RT: 16.086 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

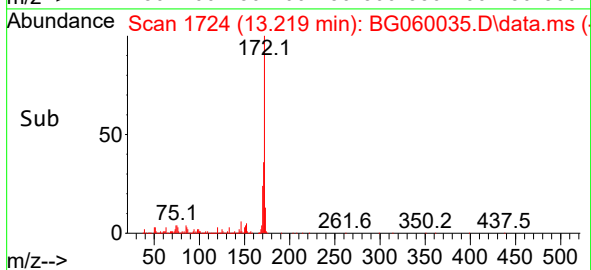
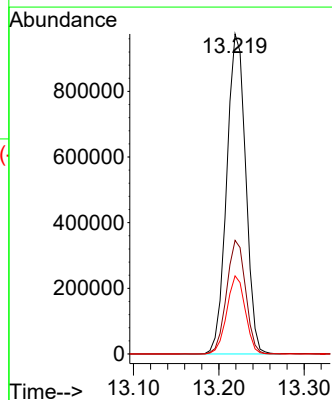
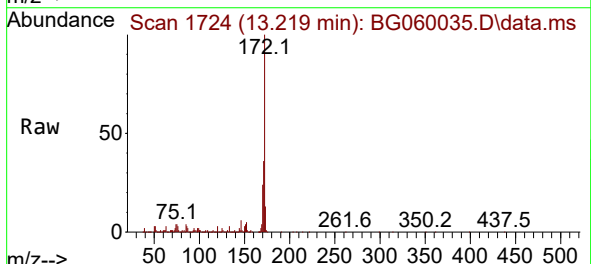
Instrument :
BNA_G
ClientSampleId :
MW-1B-00-XX

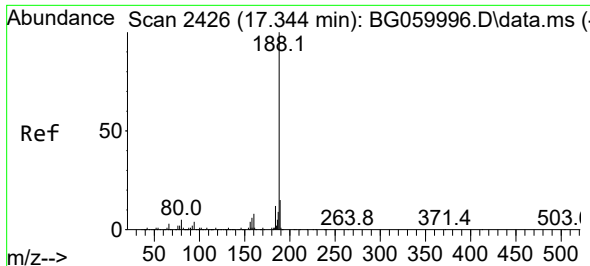
Tgt Ion:330 Resp: 713962
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 18.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 86.171 ng
RT: 13.219 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:172 Resp: 1507230
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 24.4 20.0 30.0

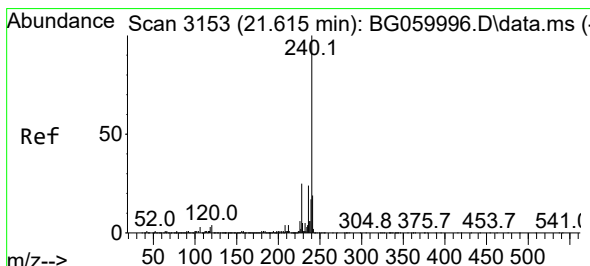
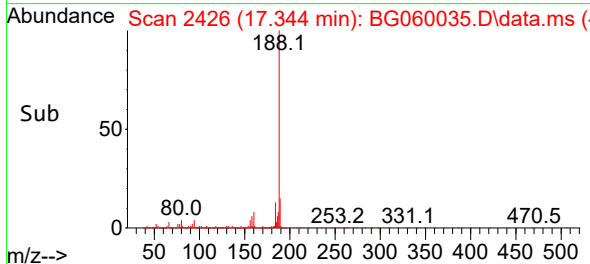
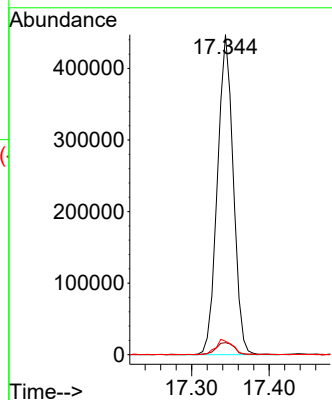
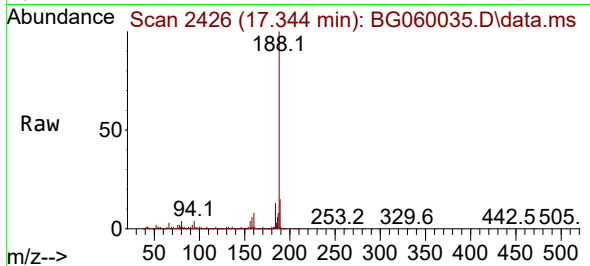




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

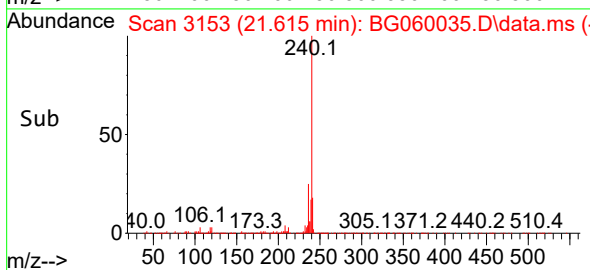
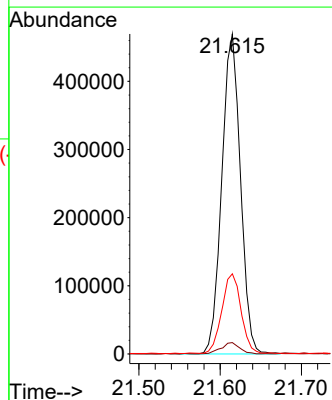
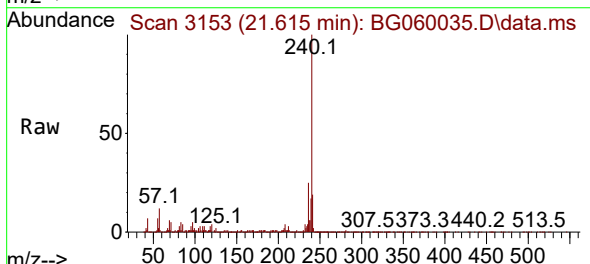
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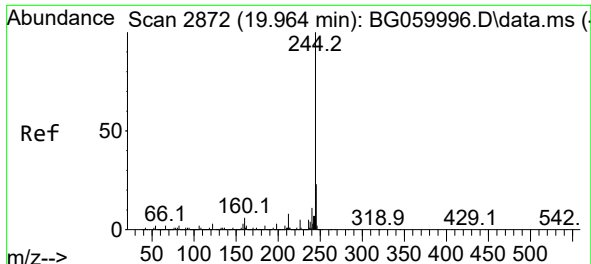
Tgt Ion:188 Resp: 635904
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.2 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.615 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG060035.D
Acq: 15 Dec 2023 14:29

Tgt Ion:240 Resp: 749946
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 25.1 19.4 29.2

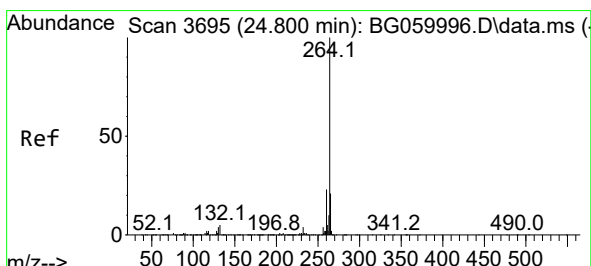
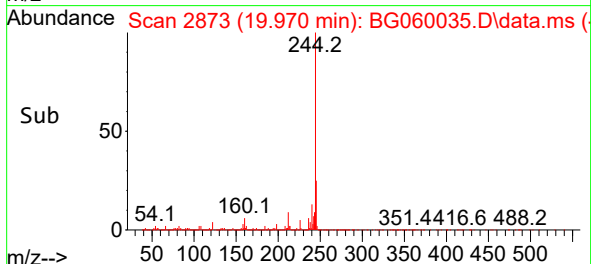
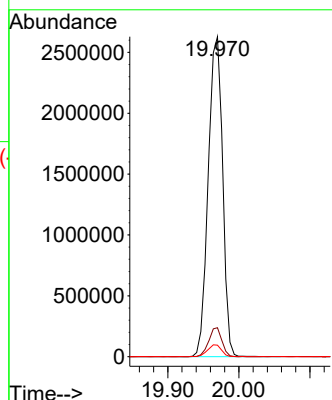
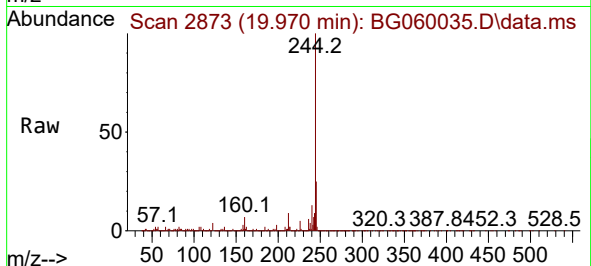




#79
 Terphenyl-d14
 Concen: 90.240 ng
 RT: 19.970 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-00-XX

Tgt Ion:244 Resp: 3706764
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.8 10.2
 122 3.6 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.805 min Scan# 3696
 Delta R.T. 0.006 min
 Lab File: BG060035.D
 Acq: 15 Dec 2023 14:29

Tgt Ion:264 Resp: 865803
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 20.3 17.3 25.9

