

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060810.D
 Acq On : 6 Apr 2024 14:11
 Operator : MA/JU
 Sample : P1995-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00119

Quant Time: Apr 08 02:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

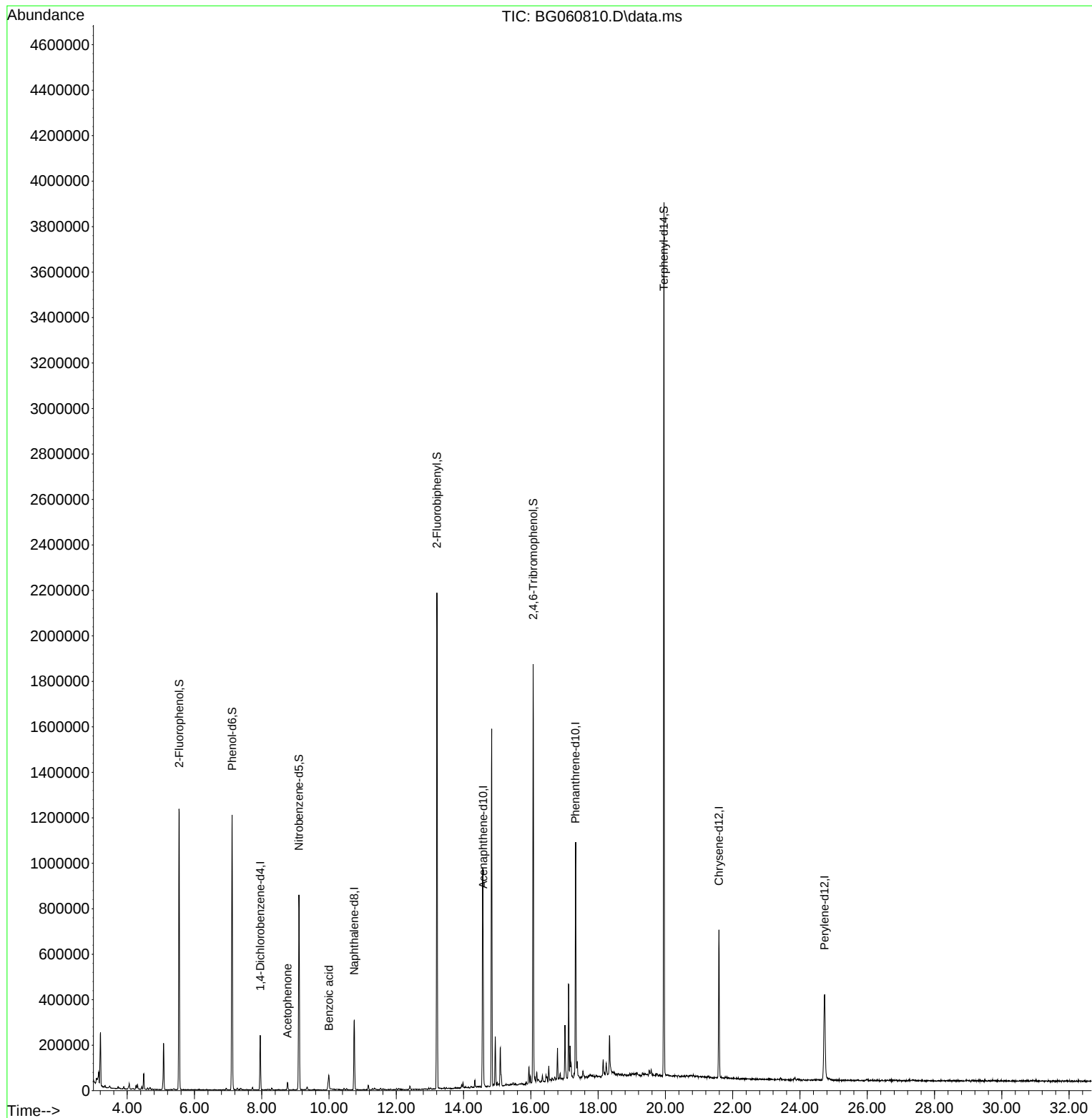
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	63693	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	251066	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	194429	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	400759	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	389206	20.000	ng	-0.01
86) Perylene-d12	24.728	264	449790	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	484003	126.591	ng	0.00
7) Phenol-d6	7.119	99	617187	108.749	ng	0.00
23) Nitrobenzene-d5	9.105	82	472391	107.364	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	364202	165.015	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1126997	85.070	ng	-0.01
79) Terphenyl-d14	19.957	244	1966477	88.967	ng	0.00
Target Compounds						
22) Acetophenone	8.764	105	16266	2.350	ng	Qvalue # 90
32) Benzoic acid	9.992	122	28383	15.823	ng	91

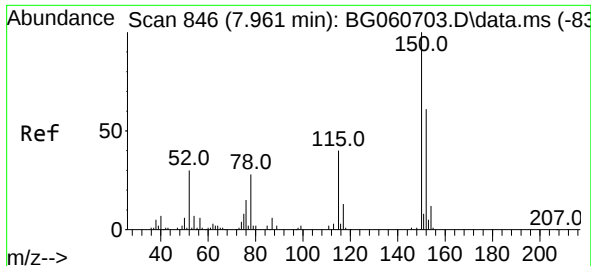
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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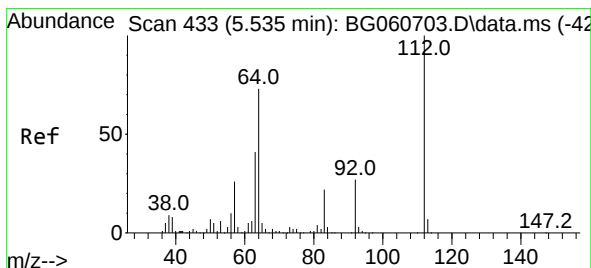
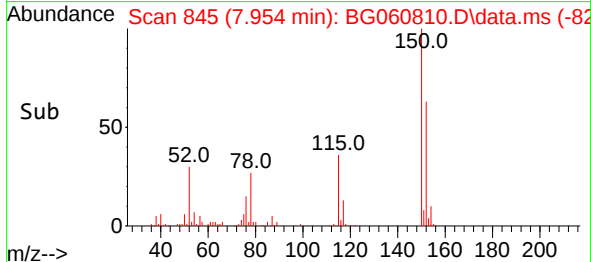
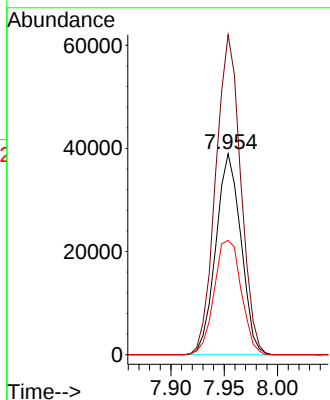
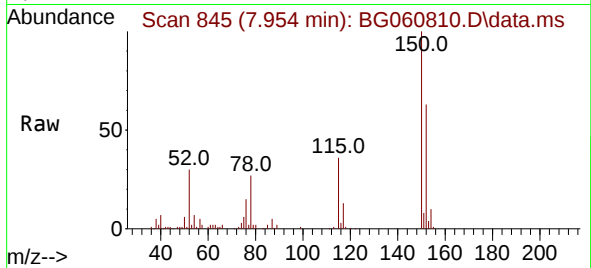




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

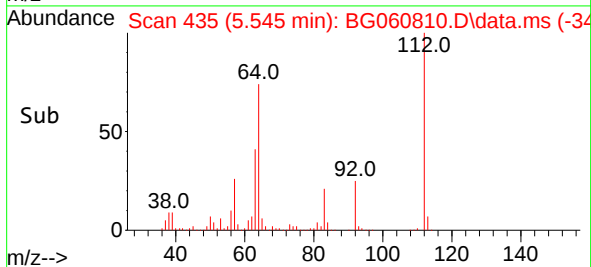
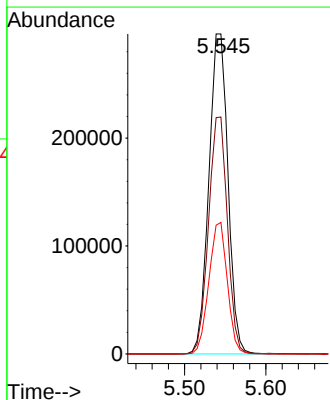
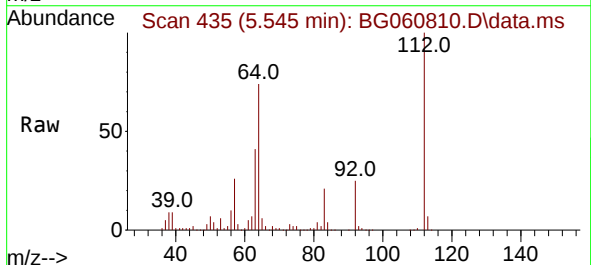
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

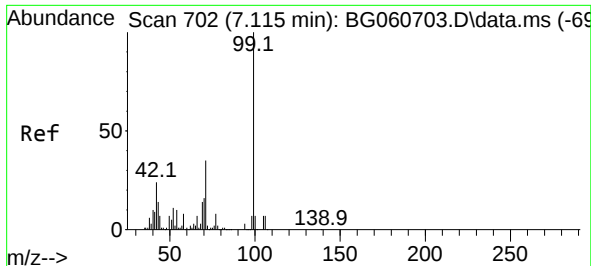
Tgt Ion:152 Resp: 63693
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.4
115 56.9 51.6 77.4



#5
2-Fluorophenol
Concen: 126.591 ng
RT: 5.545 min Scan# 435
Delta R.T. 0.010 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:112 Resp: 484003
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 41.1 32.7 49.1

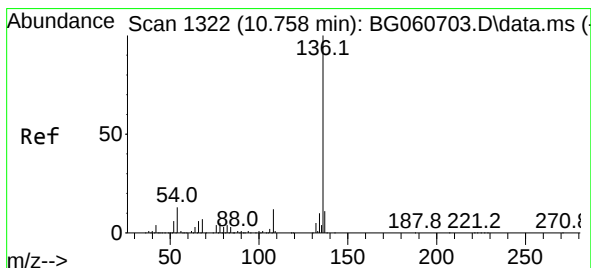
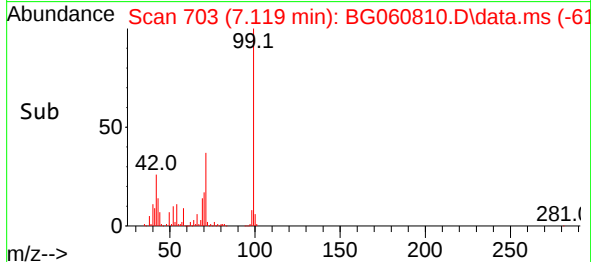
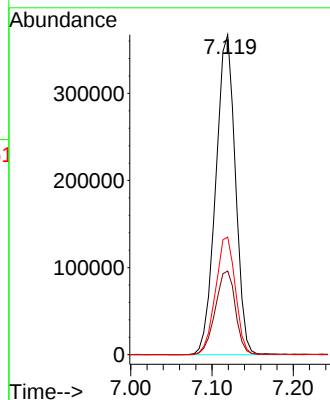
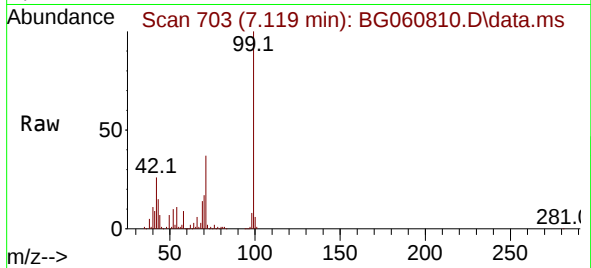




#7
Phenol-d6
Concen: 108.749 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

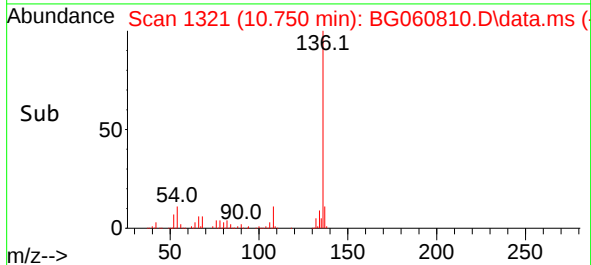
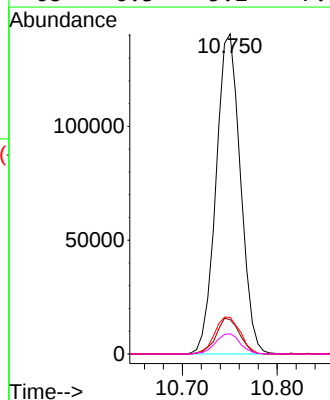
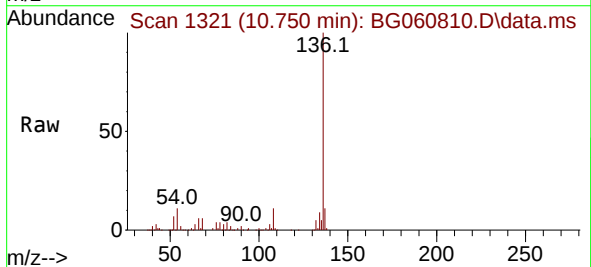
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

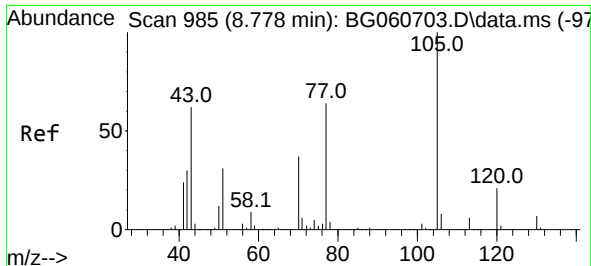
Tgt Ion: 99 Resp: 617187
Ion Ratio Lower Upper
99 100
42 26.1 19.4 29.2
71 36.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion: 136 Resp: 251066
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.4 10.2 15.2
68 6.3 5.2 7.8

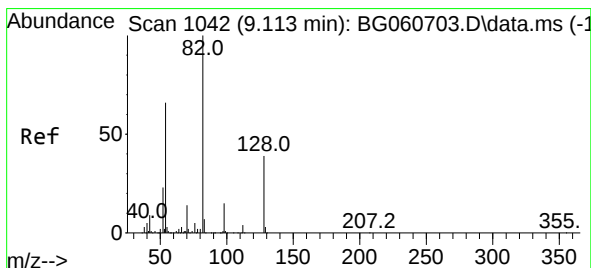
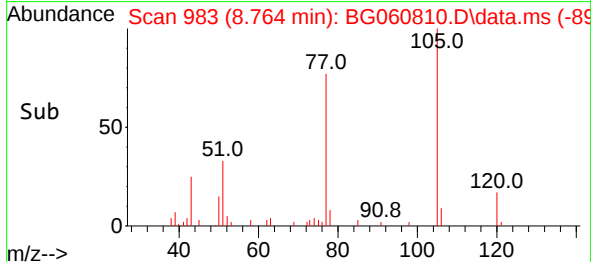
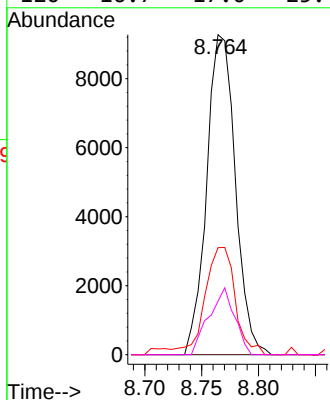
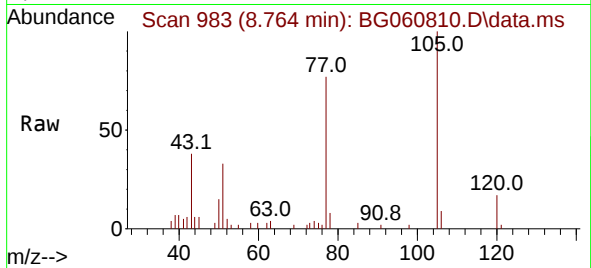




#22
Acetophenone
Concen: 2.350 ng
RT: 8.764 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

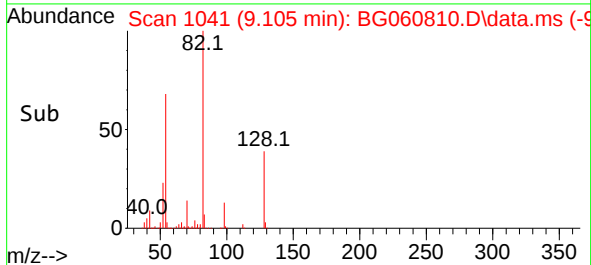
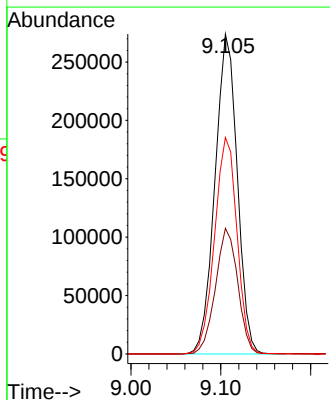
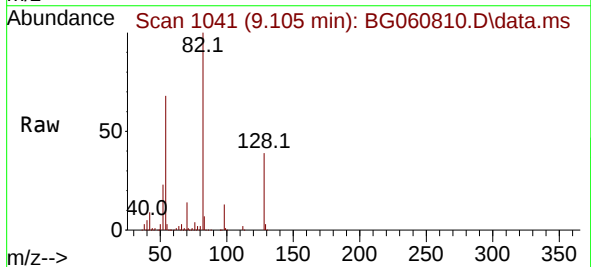
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

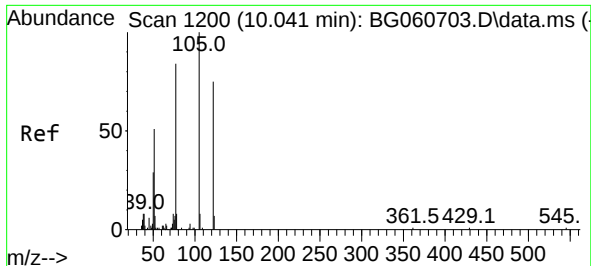
Tgt Ion:105 Resp: 16266
Ion Ratio Lower Upper
105 100
71 0.0 4.9 7.3#
51 33.5 31.1 46.7
120 16.7 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 107.364 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion: 82 Resp: 472391
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 67.7 53.2 79.8

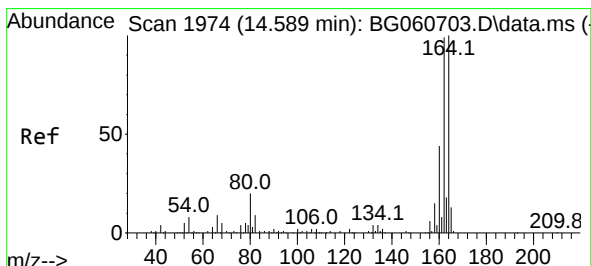
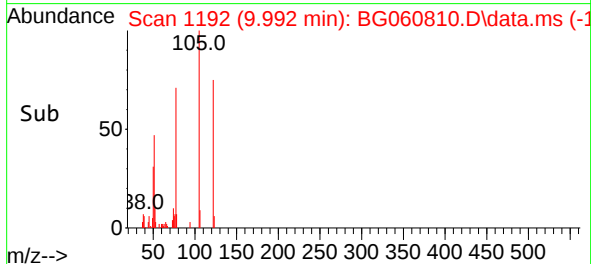
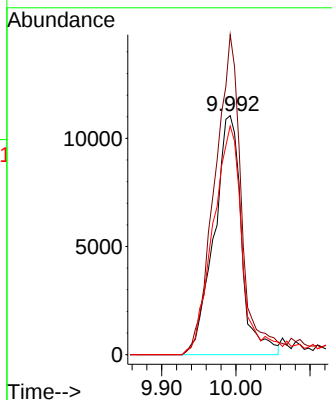
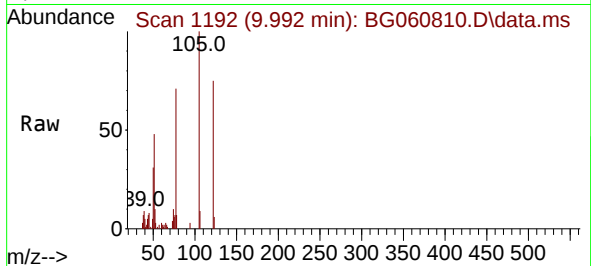




#32
Benzoic acid
Concen: 15.823 ng
RT: 9.992 min Scan# 1192
Delta R.T. -0.049 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

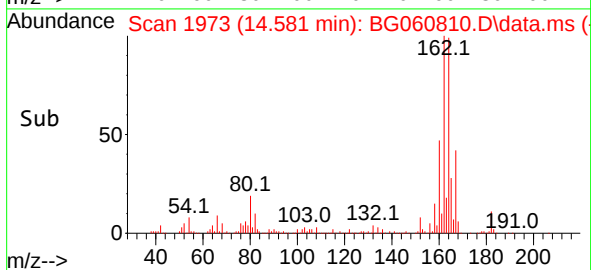
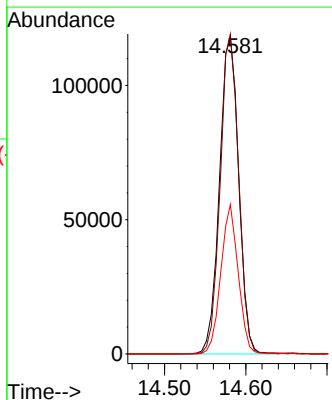
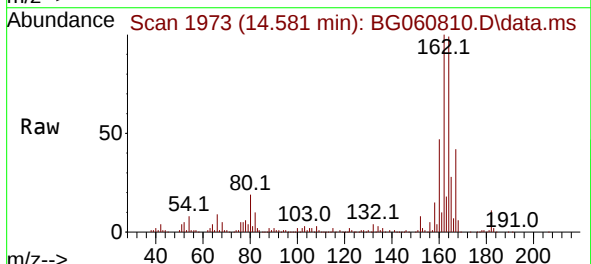
Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

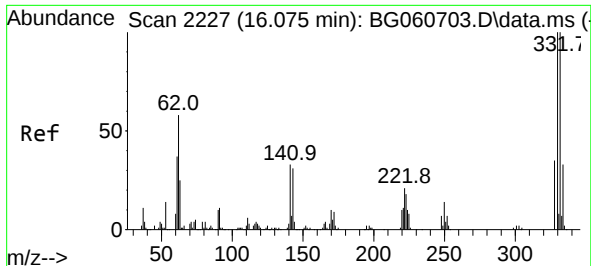
Tgt Ion:122 Resp: 28383
Ion Ratio Lower Upper
122 100
105 133.9 104.5 144.5
77 95.7 85.3 125.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:164 Resp: 194429
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 47.1 35.4 53.0

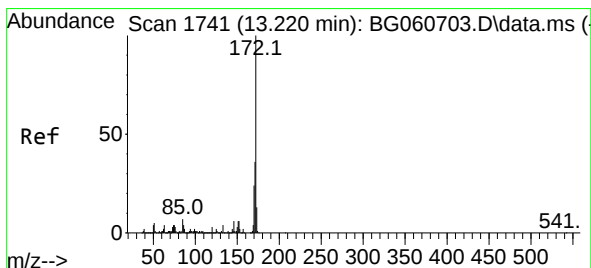
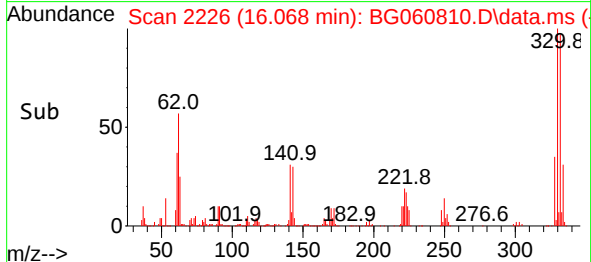
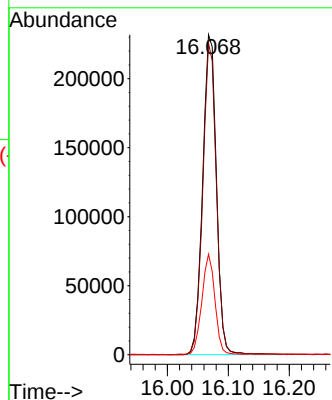
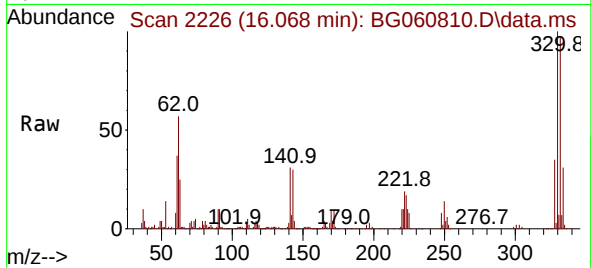




#42
2,4,6-Tribromophenol
Concen: 165.015 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

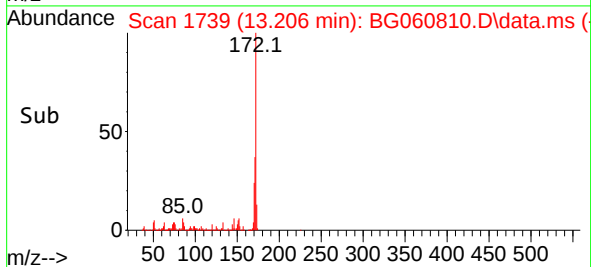
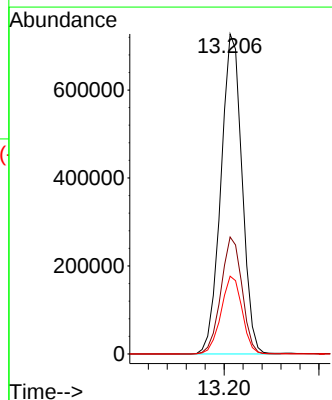
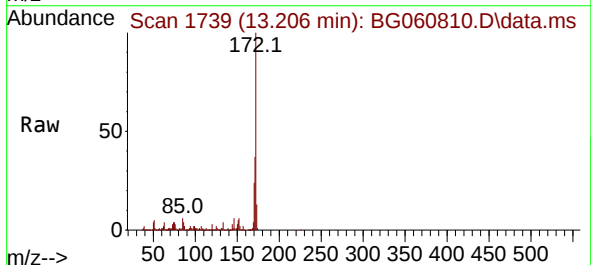
Instrument :
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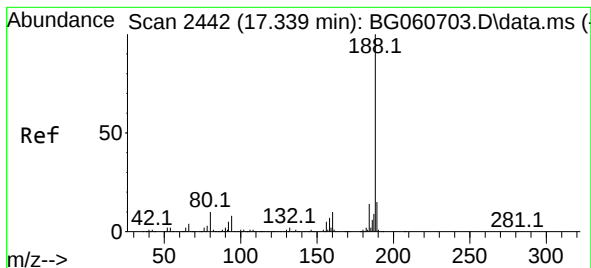
Tgt Ion:330 Resp: 364202
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 85.070 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:172 Resp: 1126997
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2442

Delta R.T. -0.014 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

MOO-23-00119

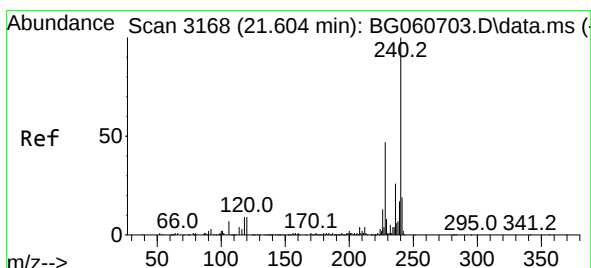
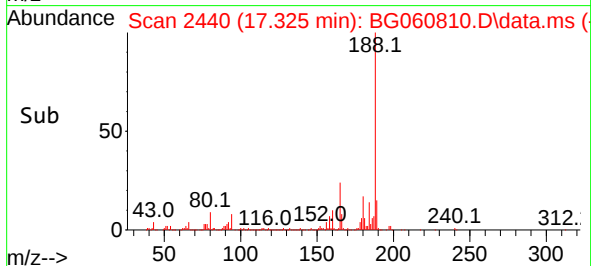
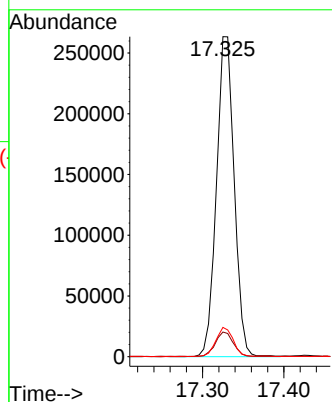
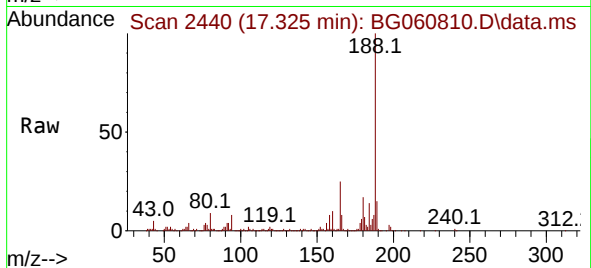
Tgt Ion:188 Resp: 400759

Ion Ratio Lower Upper

188 100

94 7.7 6.6 9.8

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

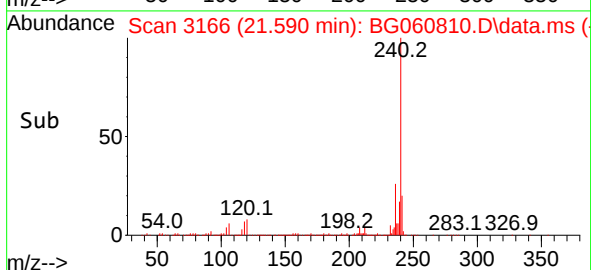
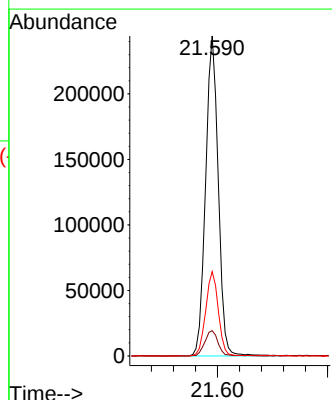
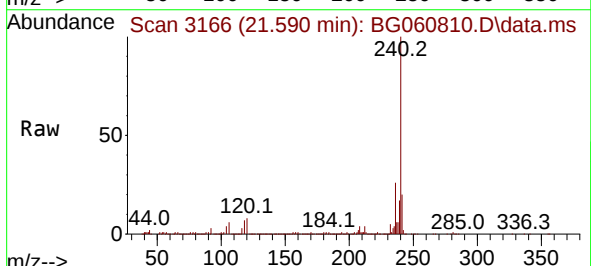
Tgt Ion:240 Resp: 389206

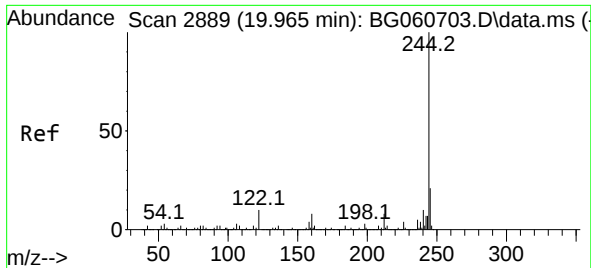
Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 26.4 20.7 31.1

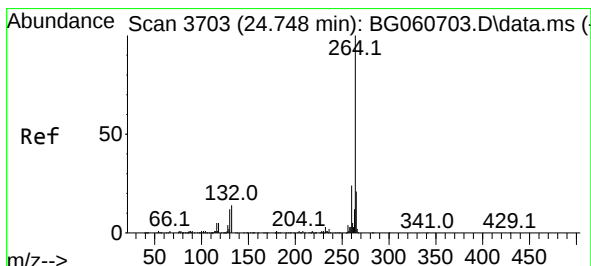
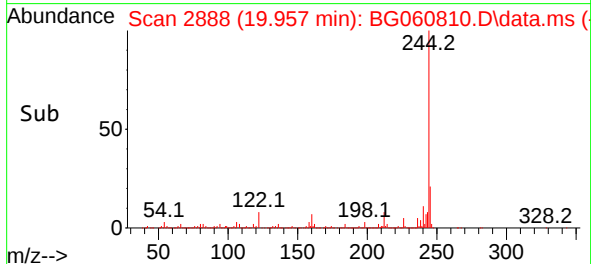
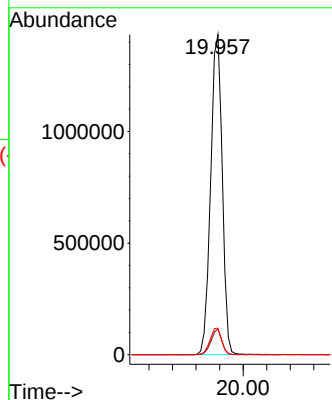
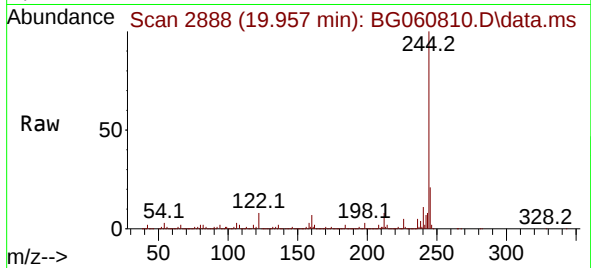




#79
 Terphenyl-d14
 Concen: 88.967 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060810.D
 Acq: 6 Apr 2024 14:11

Instrument :
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Tgt Ion:244 Resp: 1966477
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.728 min Scan# 3700
 Delta R.T. -0.020 min
 Lab File: BG060810.D
 Acq: 6 Apr 2024 14:11

Tgt Ion:264 Resp: 449790
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.5 16.9 25.3

