

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060422.D
 Acq On : 24 Jan 2024 19:39
 Operator : MA/JU
 Sample : P1234-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 293

Quant Time: Jan 25 00:07:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

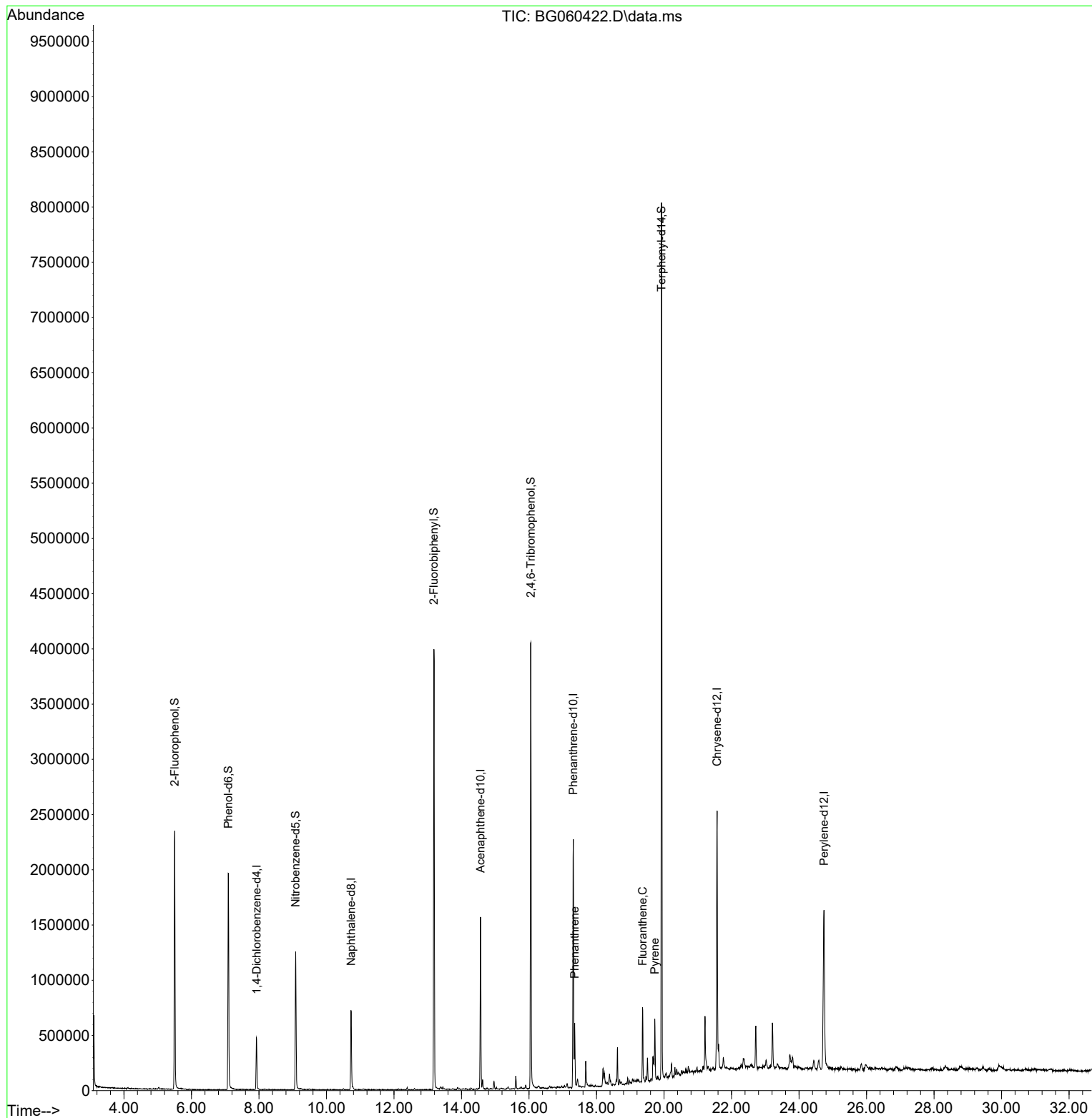
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	154566	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	671479	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	564932	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1561862	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1423767	20.000	ng	0.00
86) Perylene-d12	24.739	264	1604071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1173389	124.864	ng	0.00
7) Phenol-d6	7.089	99	1444987	103.842	ng	0.00
23) Nitrobenzene-d5	9.087	82	870814	61.238	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	974180	117.205	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2320740	57.114	ng	0.00
79) Terphenyl-d14	19.927	244	4004725	64.888	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.354	178	386298	5.117	ng	92
75) Fluoranthene	19.369	202	447812	4.939	ng	87
78) Pyrene	19.727	202	350374	3.854	ng	# 85

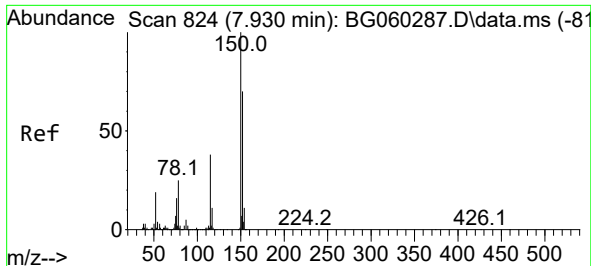
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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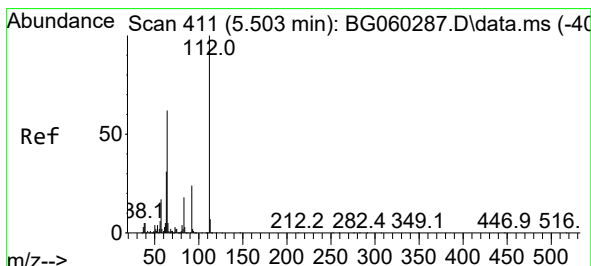
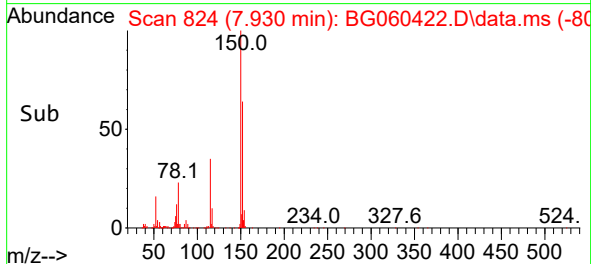
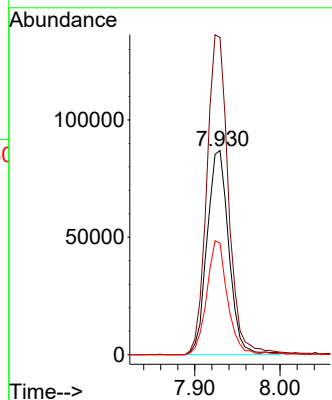
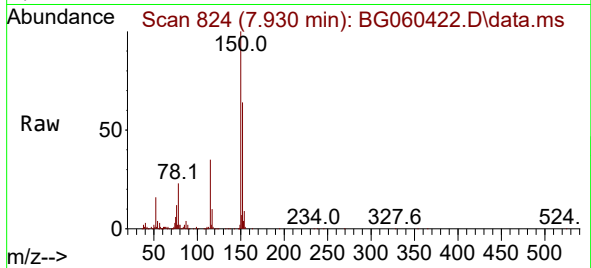




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

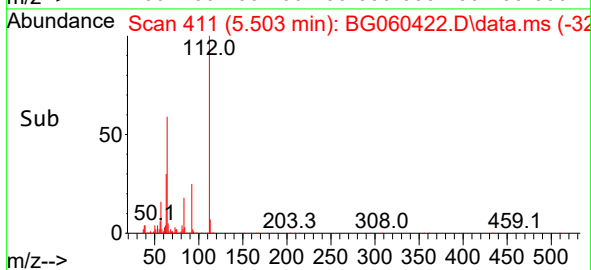
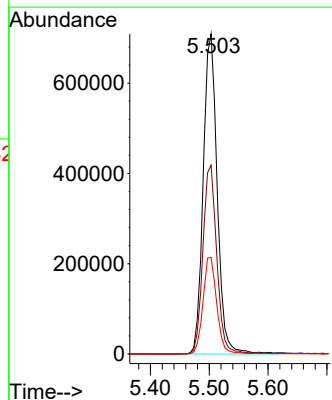
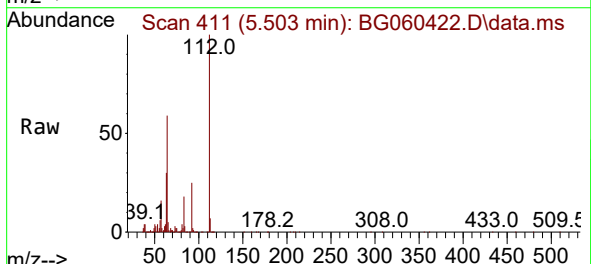
Instrument :
BNA_G
ClientSampleId :
293

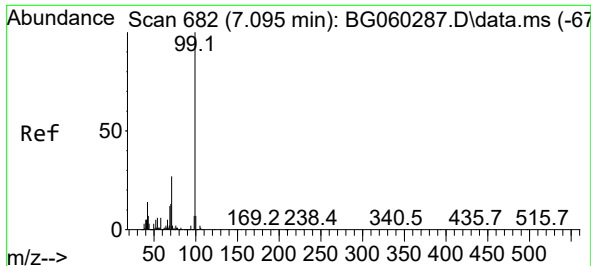
Tgt Ion:152 Resp: 154566
Ion Ratio Lower Upper
152 100
150 155.3 114.5 171.7
115 54.6 43.0 64.6



#5
2-Fluorophenol
Concen: 124.864 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:112 Resp: 1173389
Ion Ratio Lower Upper
112 100
64 58.9 49.8 74.6
63 30.2 24.4 36.6

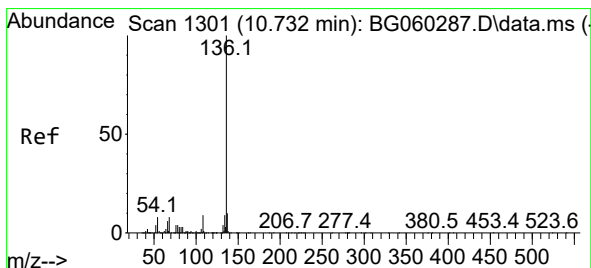
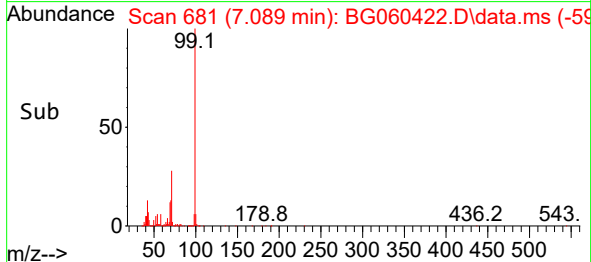
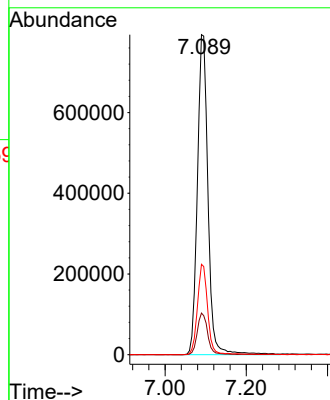
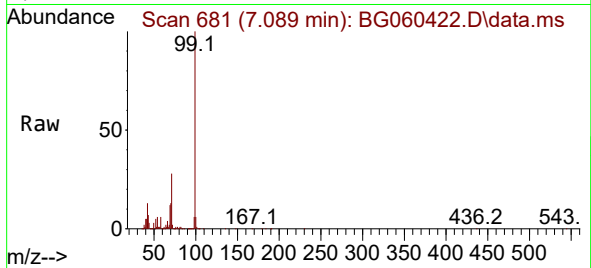




#7
Phenol-d6
Concen: 103.842 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

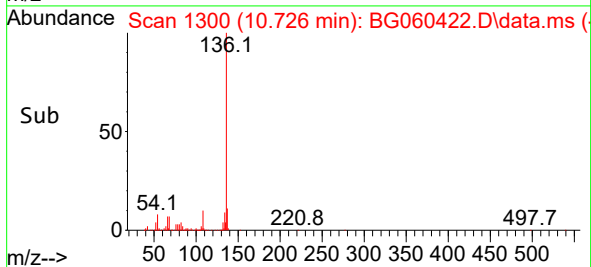
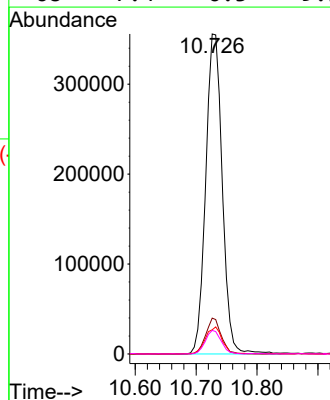
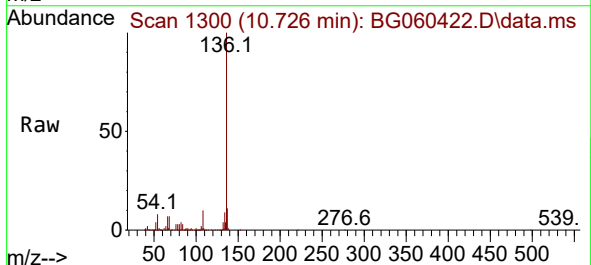
Instrument :
BNA_G
ClientSampleId :
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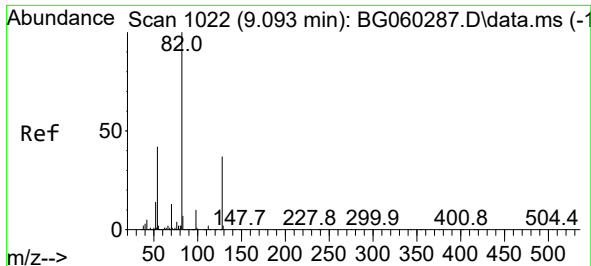
Tgt Ion: 99 Resp: 1444987
Ion Ratio Lower Upper
99 100
42 13.0 10.9 16.3
71 28.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion: 136 Resp: 671479
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.5 6.2 9.2
68 7.4 6.3 9.5

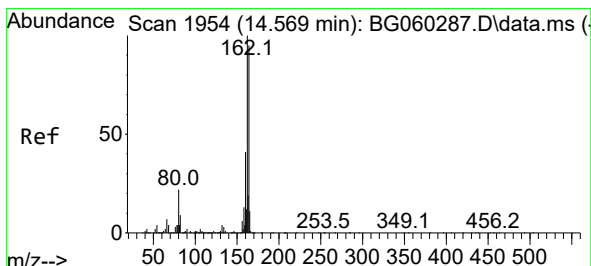
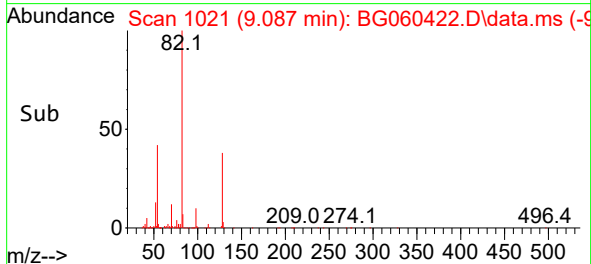
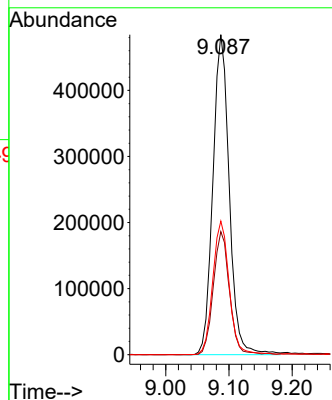
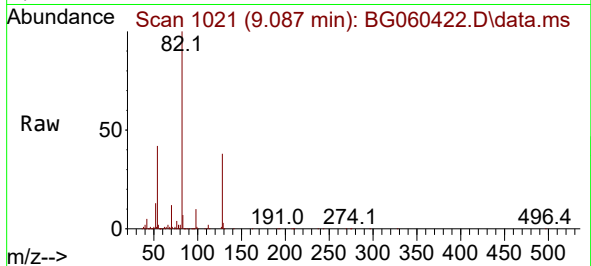




#23
Nitrobenzene-d5
Concen: 61.238 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

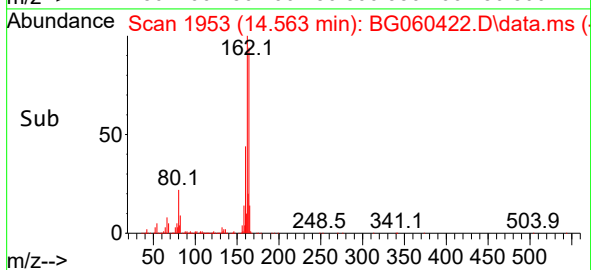
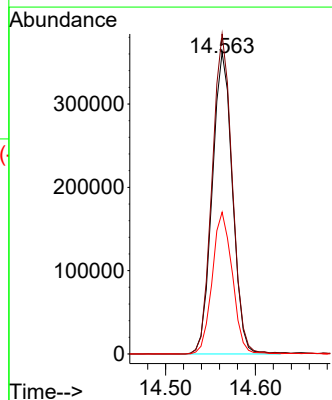
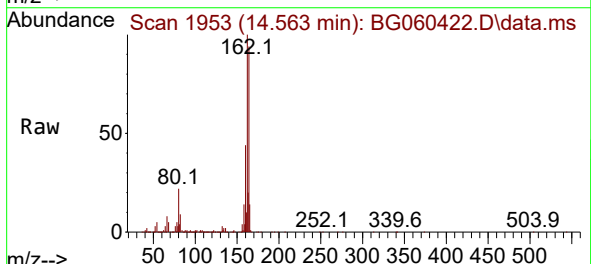
Instrument :
BNA_G
ClientSampleId :
293

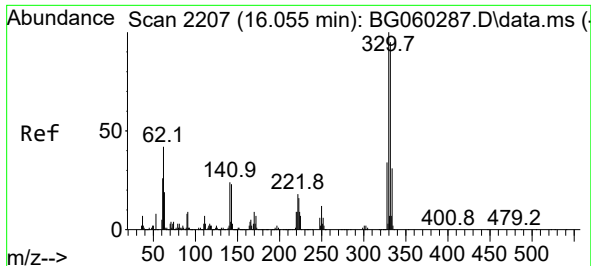
Tgt Ion: 82 Resp: 870814
Ion Ratio Lower Upper
82 100
128 38.5 29.6 44.4
54 41.8 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:164 Resp: 564932
Ion Ratio Lower Upper
164 100
162 106.1 84.4 126.6
160 47.0 34.6 52.0

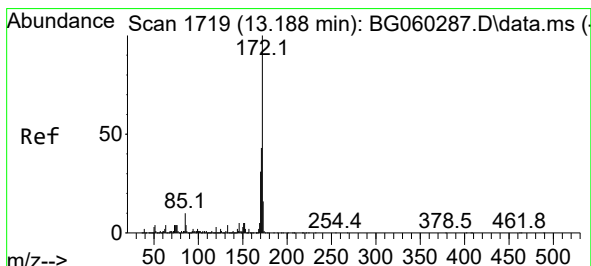
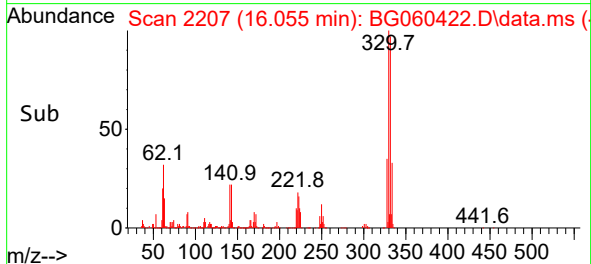
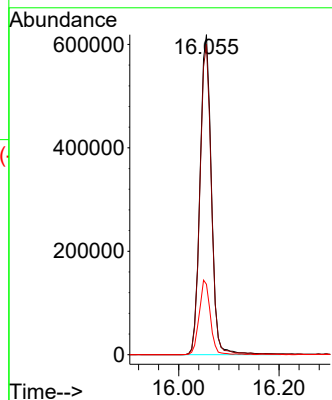
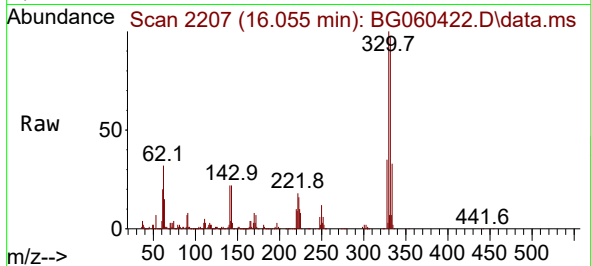




#42
2,4,6-Tribromophenol
Concen: 117.205 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

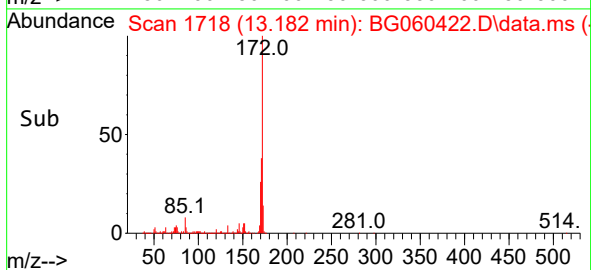
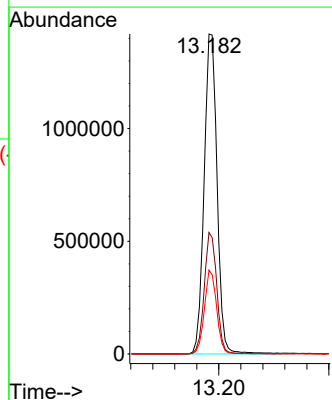
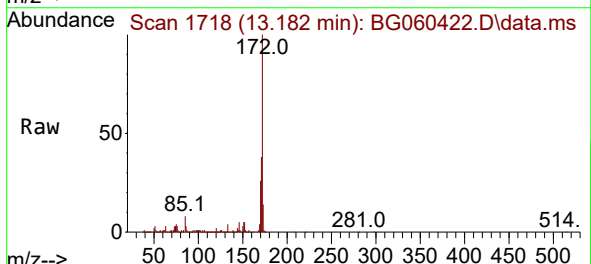
Instrument :
BNA_G
ClientSampleId :
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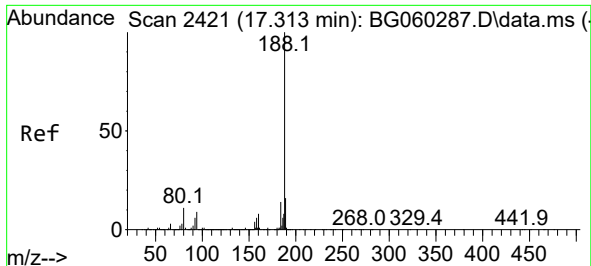
Tgt Ion:330 Resp: 974180
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 22.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 57.114 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:172 Resp: 2320740
Ion Ratio Lower Upper
172 100
171 38.0 34.6 51.8
170 26.2 24.4 36.6

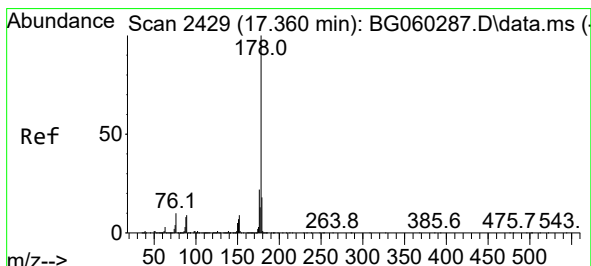
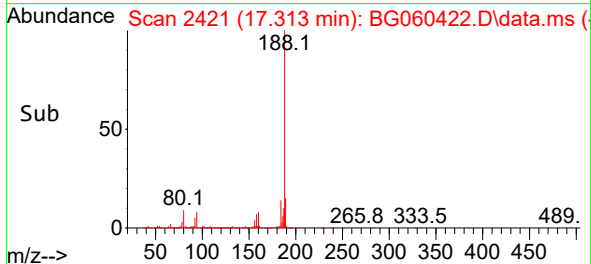
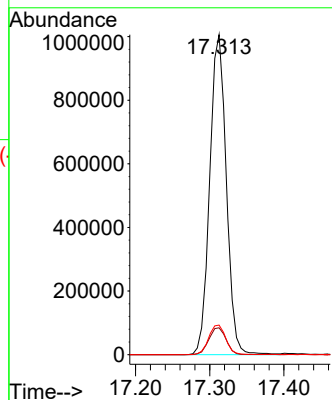
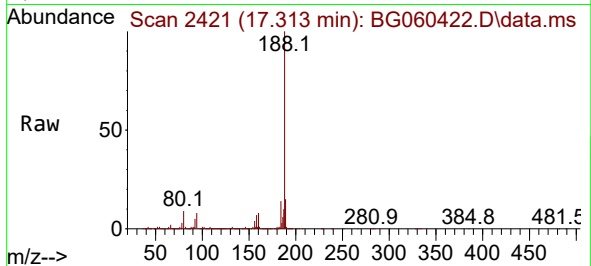




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

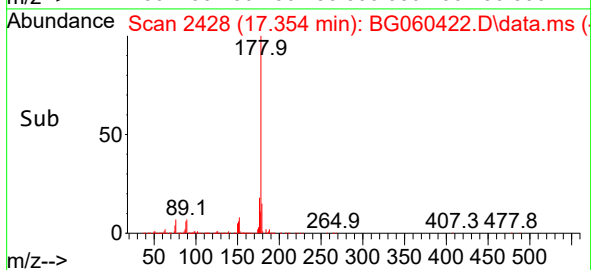
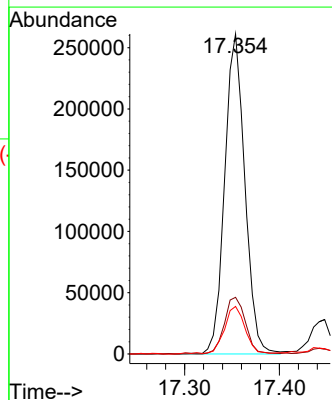
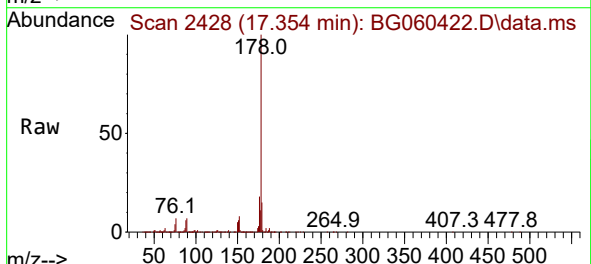
Instrument :
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ClientSampleId :
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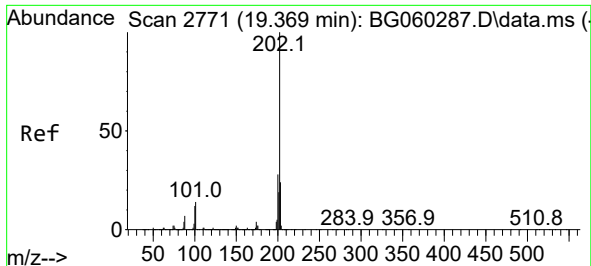
Tgt Ion:188 Resp: 1561862
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.3 8.5 12.7



#71
Phenanthrene
Concen: 5.117 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:178 Resp: 386298
Ion Ratio Lower Upper
178 100
176 17.7 17.4 26.2
179 14.9 14.7 22.1

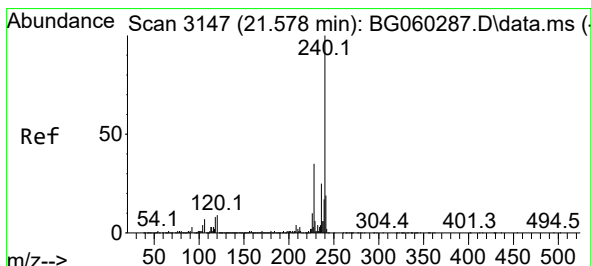
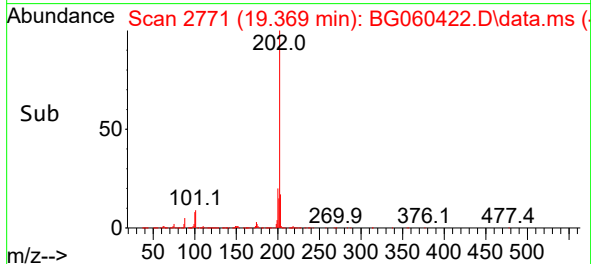
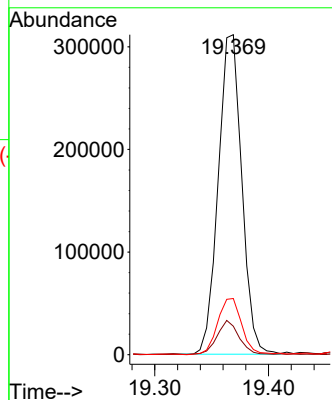
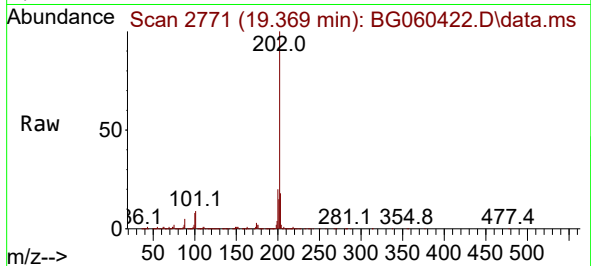




#75
Fluoranthene
Concen: 4.939 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

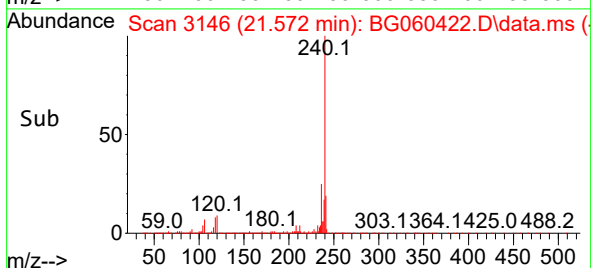
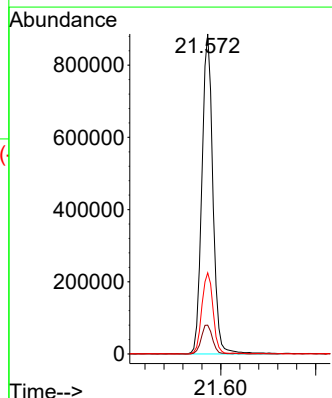
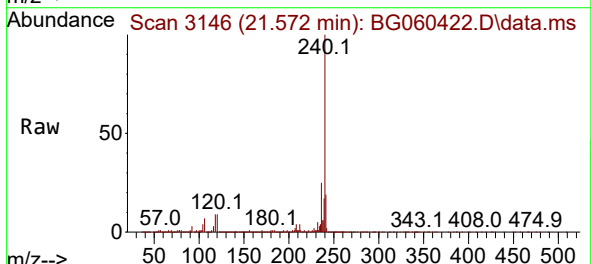
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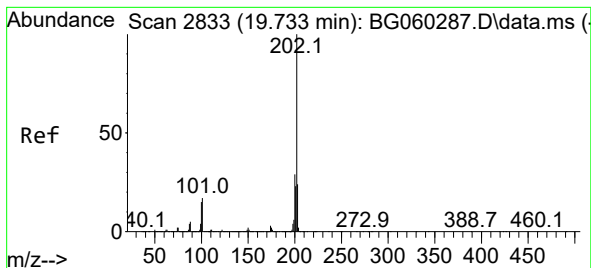
Tgt Ion:202 Resp: 447812
Ion Ratio Lower Upper
202 100
101 8.9 0.0 34.4
203 17.6 4.0 44.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060422.D
Acq: 24 Jan 2024 19:39

Tgt Ion:240 Resp: 1423767
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.4 20.3 30.5





#78

Pyrene

Concen: 3.854 ng

RT: 19.727 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

Instrument :

BNA_G

ClientSampleId :

293

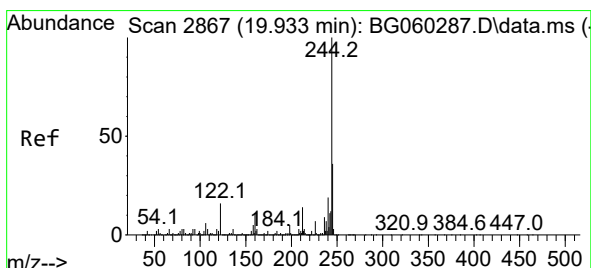
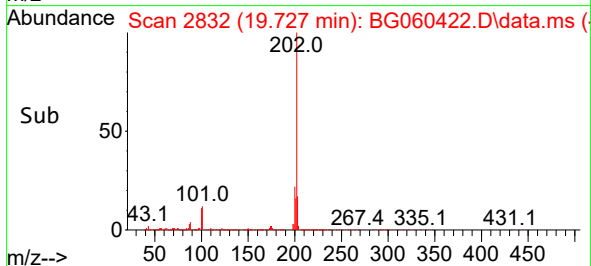
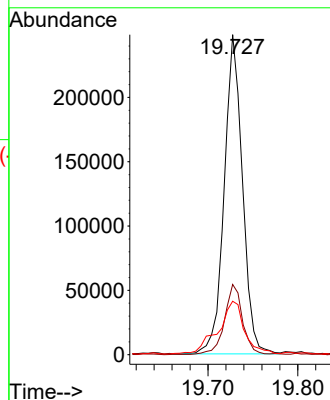
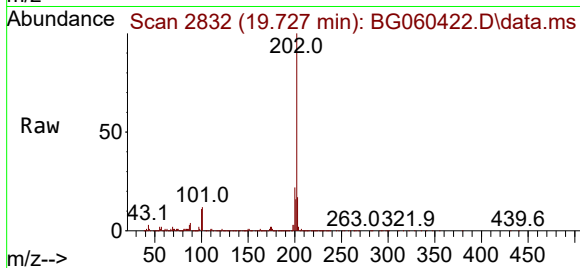
Tgt Ion:202 Resp: 350374

Ion Ratio Lower Upper

202 100

200 21.9 23.5 35.3#

203 16.7 19.6 29.4#



#79

Terphenyl-d14

Concen: 64.888 ng

RT: 19.927 min Scan# 2866

Delta R.T. -0.006 min

Lab File: BG060422.D

Acq: 24 Jan 2024 19:39

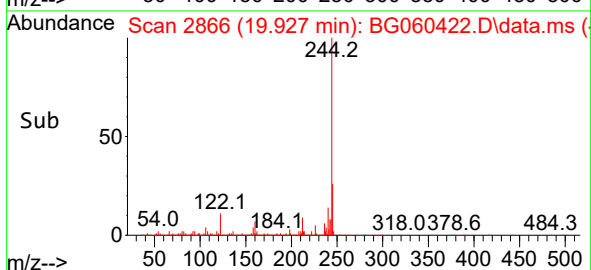
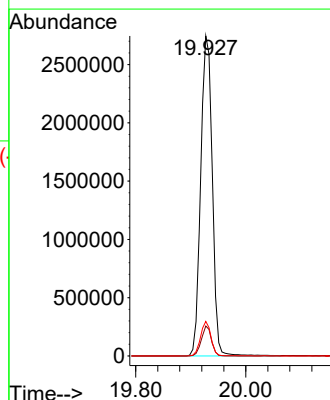
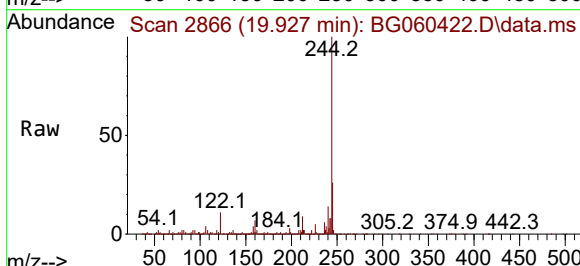
Tgt Ion:244 Resp: 4004725

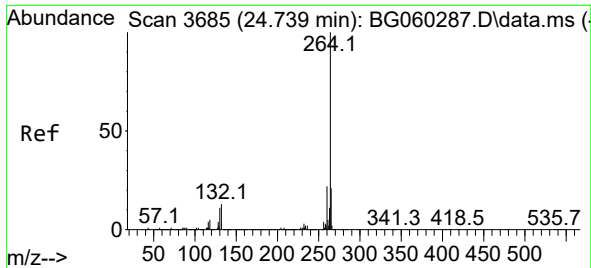
Ion Ratio Lower Upper

244 100

212 9.3 10.9 16.3#

122 10.8 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG060422.D
 Acq: 24 Jan 2024 19:39

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 1604071
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.8 26.6
 265 21.6 16.8 25.2

