

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060681.D
 Acq On : 19 Mar 2024 14:48
 Operator : MA/JU
 Sample : P1786-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Mar 19 15:24:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	116073	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	490767	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	325042	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	657847	20.000	ng	0.00
76) Chrysene-d12	21.990	240	592974	20.000	ng	0.00
86) Perylene-d12	25.538	264	692135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	580905	78.673	ng	0.00
7) Phenol-d6	7.413	99	813624	75.961	ng	0.00
23) Nitrobenzene-d5	9.492	82	530202	56.226	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	322192	85.540	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1270889	52.864	ng	0.00
79) Terphenyl-d14	20.250	244	1780485	54.274	ng	0.00

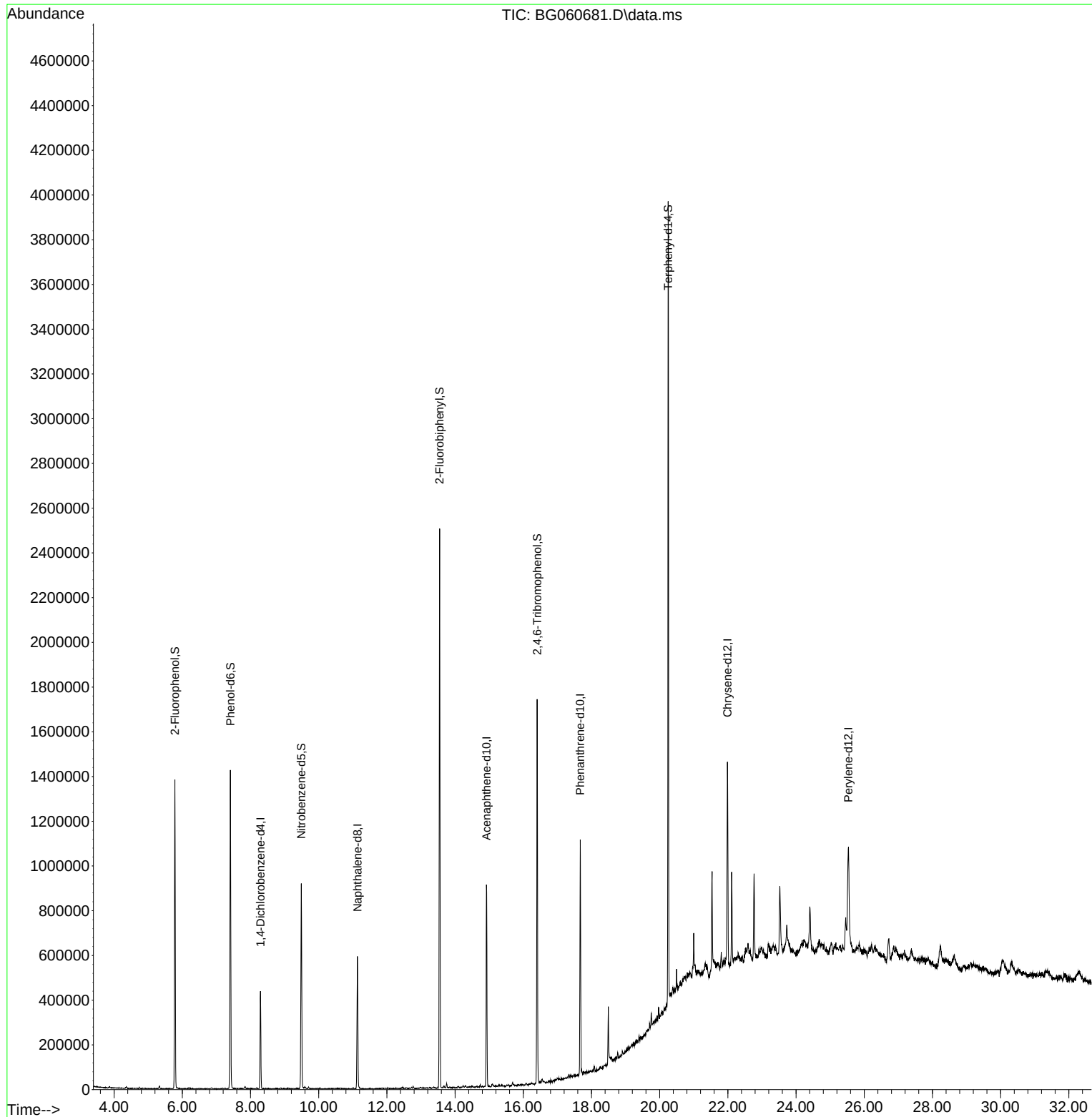
Target Compounds	Qvalue

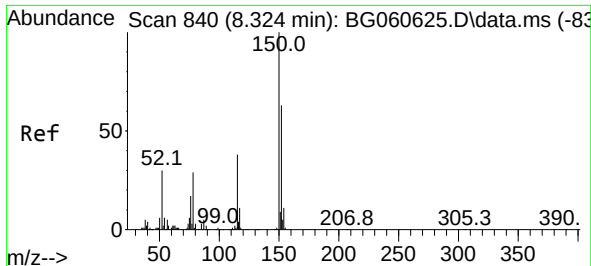
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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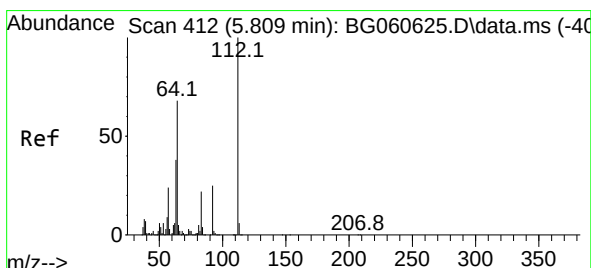
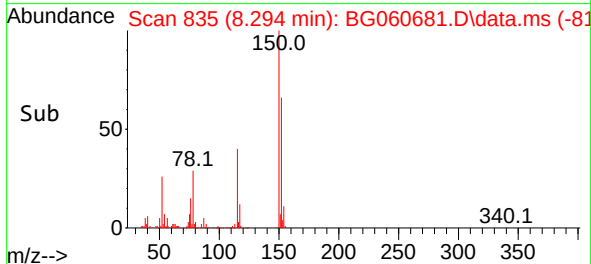
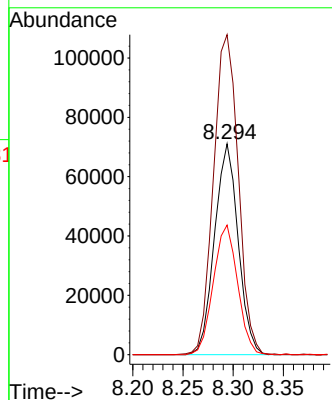
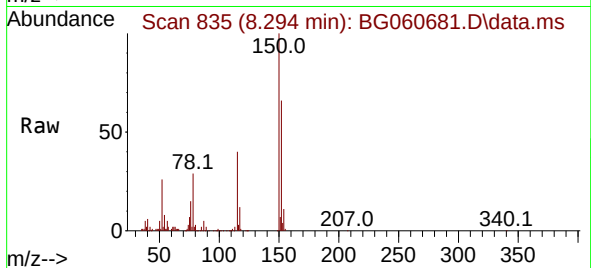




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.294 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BG060681.D
 Acq: 19 Mar 2024 14:48

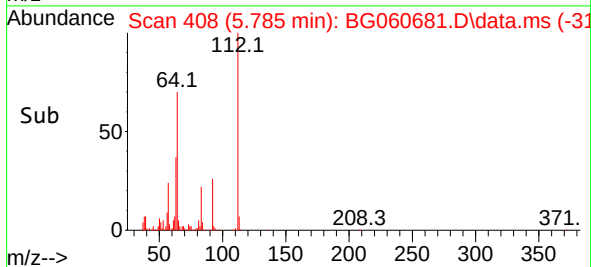
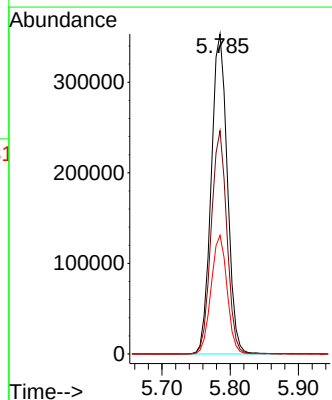
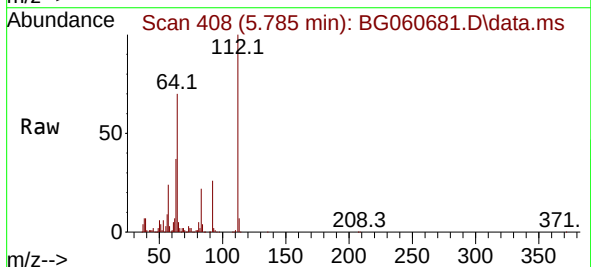
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

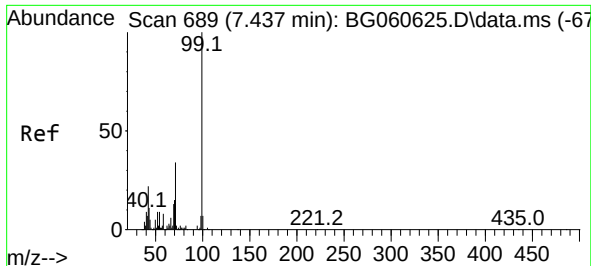
Tgt Ion:152 Resp: 116073
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.6 190.0
 115 61.4 47.8 71.8



#5
 2-Fluorophenol
 Concen: 78.673 ng
 RT: 5.785 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: BG060681.D
 Acq: 19 Mar 2024 14:48

Tgt Ion:112 Resp: 580905
 Ion Ratio Lower Upper
 112 100
 64 69.8 54.1 81.1
 63 37.0 30.3 45.5

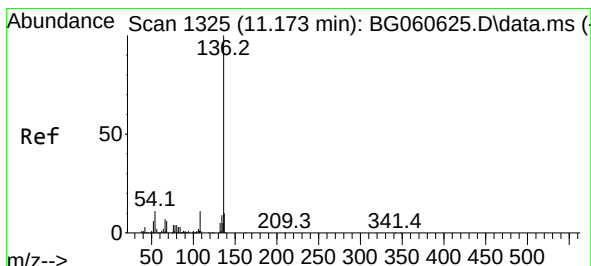
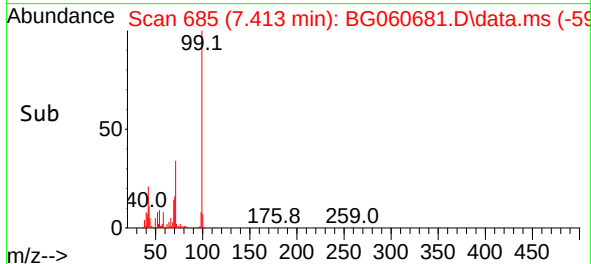
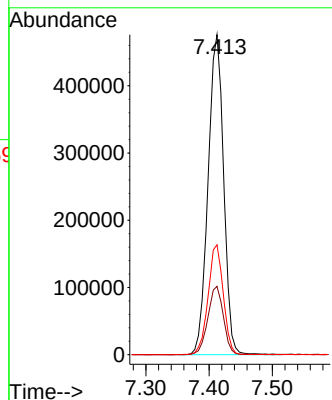
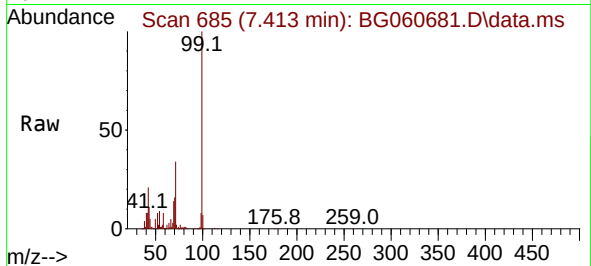




#7
Phenol-d6
Concen: 75.961 ng
RT: 7.413 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

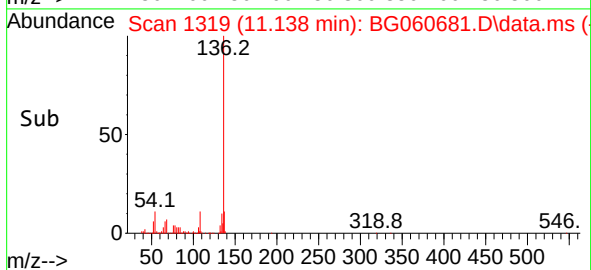
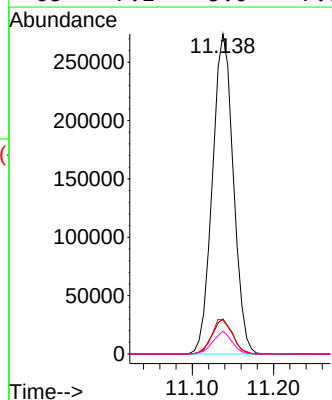
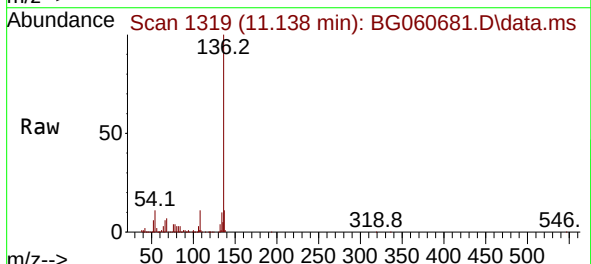
Instrument :
BNA_G
ClientSampleId :
TP-22

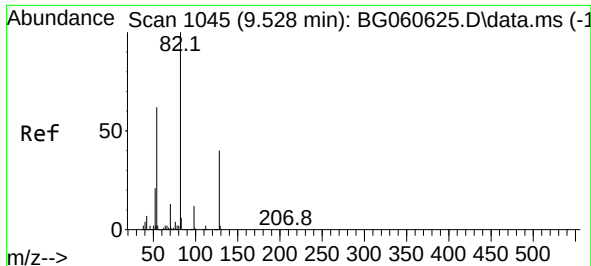
Tgt Ion: 99 Resp: 813624
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 34.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:136 Resp: 490767
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.6 8.5 12.7
68 7.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.226 ng

RT: 9.492 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Instrument :

BNA_G

ClientSampleId :

TP-22

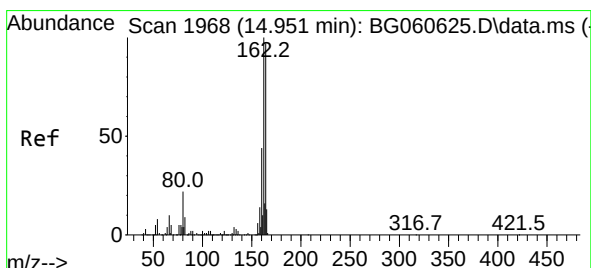
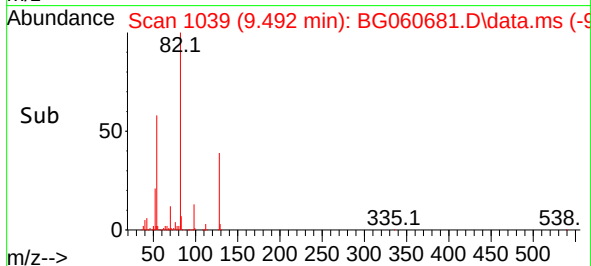
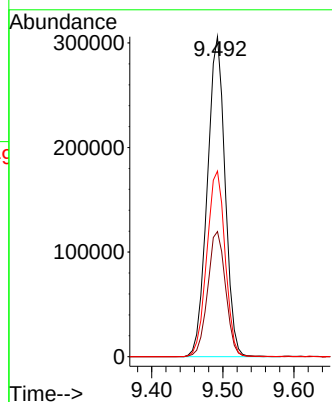
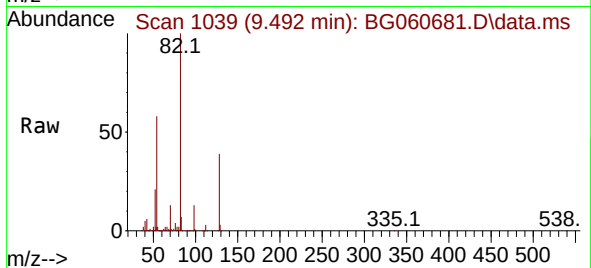
Tgt Ion: 82 Resp: 530202

Ion Ratio Lower Upper

82 100

128 39.1 31.6 47.4

54 58.0 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

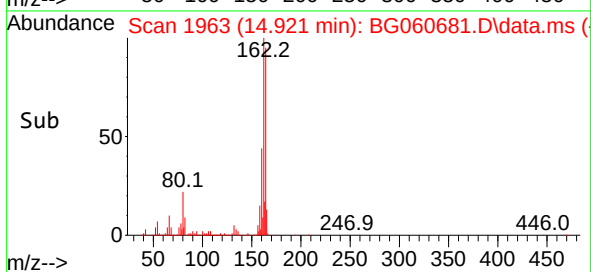
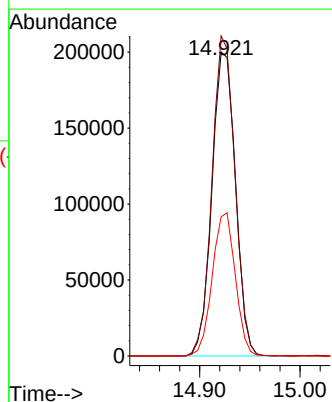
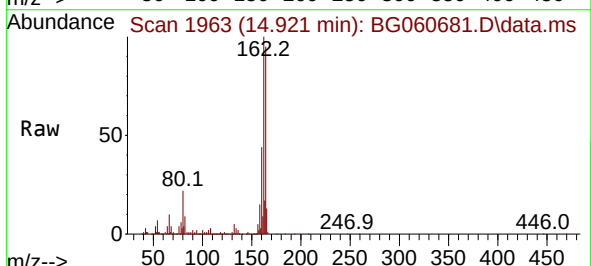
Tgt Ion:164 Resp: 325042

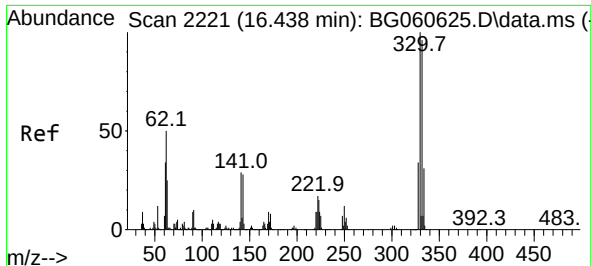
Ion Ratio Lower Upper

164 100

162 105.2 82.5 123.7

160 45.8 36.4 54.6

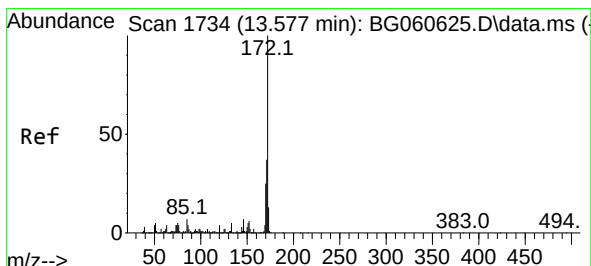
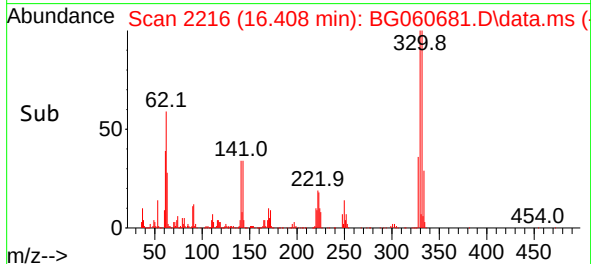
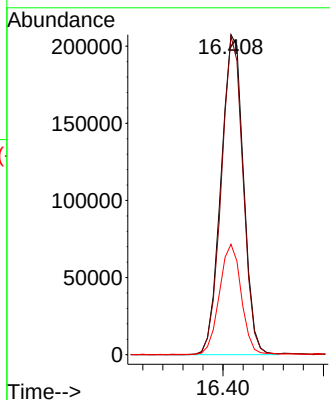
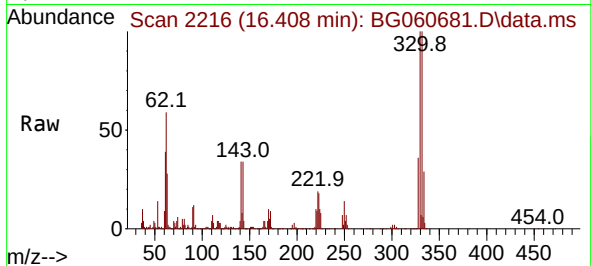




#42
2,4,6-Tribromophenol
Concen: 85.540 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

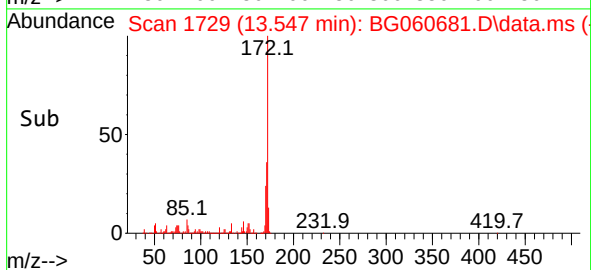
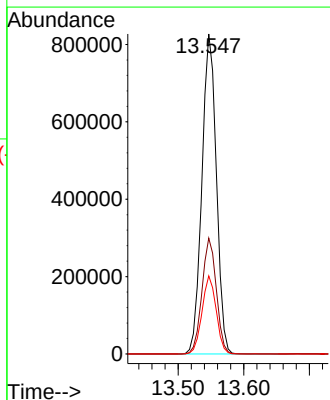
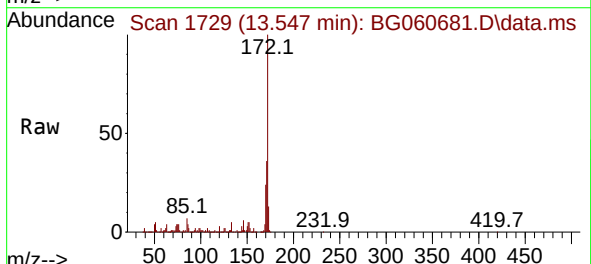
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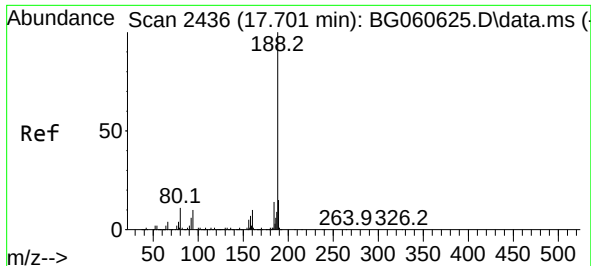
Tgt Ion:330 Resp: 322192
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 33.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 52.864 ng
RT: 13.547 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:172 Resp: 1270889
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.4 19.8 29.6

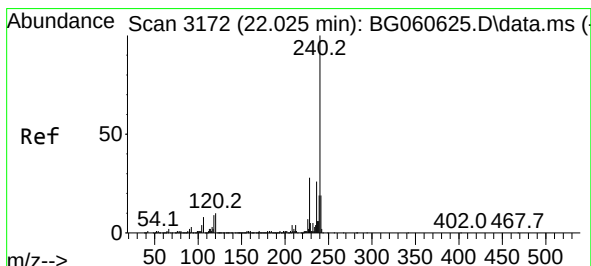
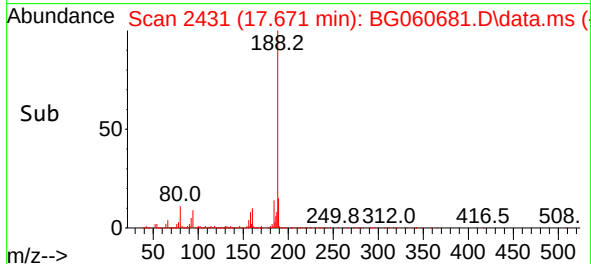
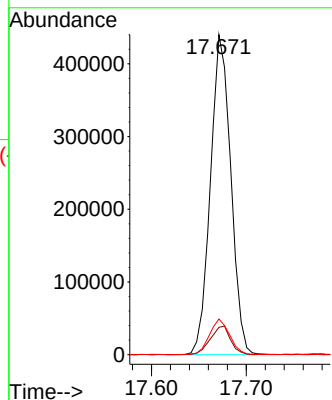
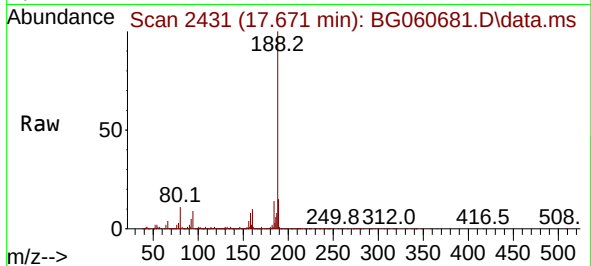




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

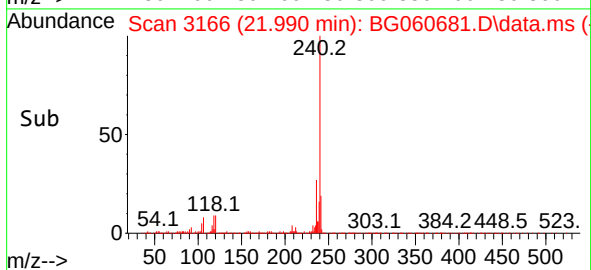
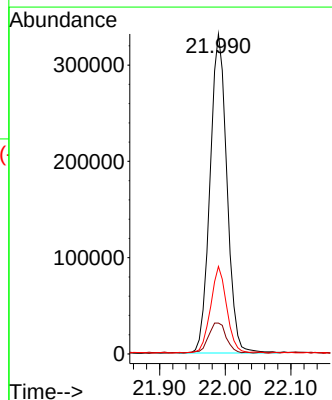
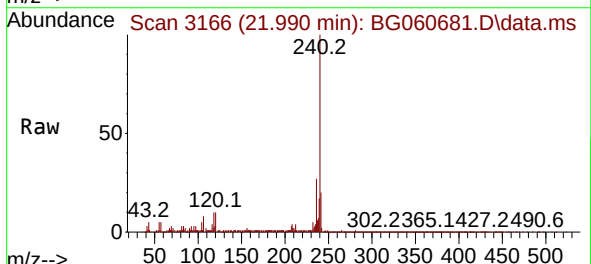
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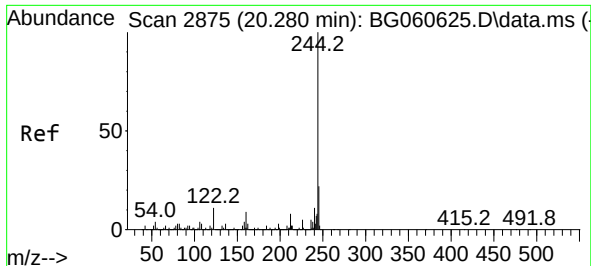
Tgt Ion:188 Resp: 657847
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:240 Resp: 592974
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 27.3 20.6 31.0

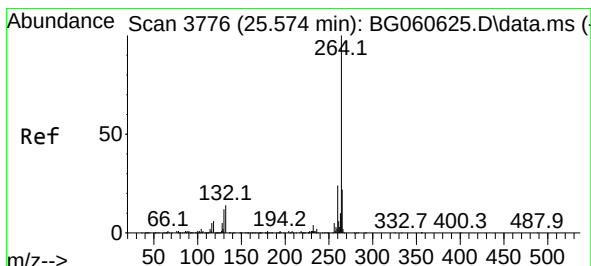
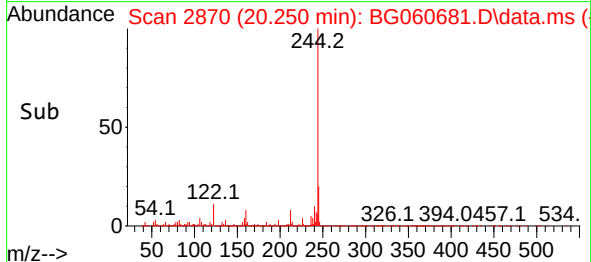
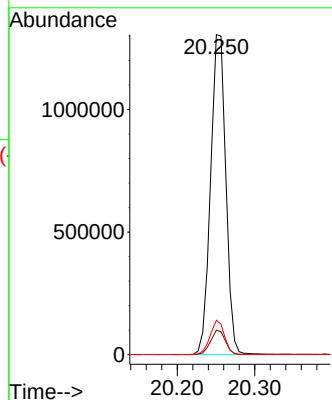
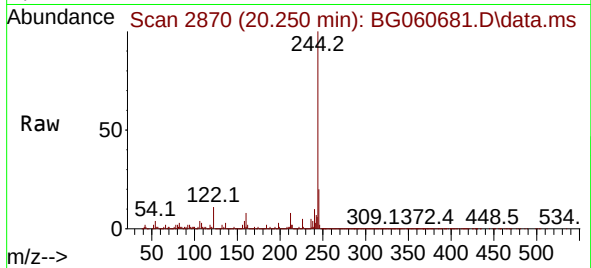




#79
 Terphenyl-d14
 Concen: 54.274 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060681.D
 Acq: 19 Mar 2024 14:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:244 Resp: 1780485
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 10.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.538 min Scan# 3770
 Delta R.T. 0.012 min
 Lab File: BG060681.D
 Acq: 19 Mar 2024 14:48

Tgt Ion:264 Resp: 692135
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.4 18.1 27.1

