

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060041.D
 Acq On : 15 Dec 2023 18:32
 Operator : MA/JU
 Sample : 05827-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-09-13.75-14.75

Quant Time: Dec 16 02:04:32 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	7.956	152	63020	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	238614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	202478	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	644957	20.000	ng	0.00
76) Chrysene-d12	21.610	240	787953	20.000	ng	0.00
86) Perylene-d12	24.801	264	917451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	280466	76.185	ng	0.00
7) Phenol-d6	7.110	99	406538	78.505	ng	0.00
23) Nitrobenzene-d5	9.119	82	270277	51.434	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	286547	60.726	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	899839	54.392	ng	0.00
79) Terphenyl-d14	19.965	244	2595024	60.127	ng	0.00

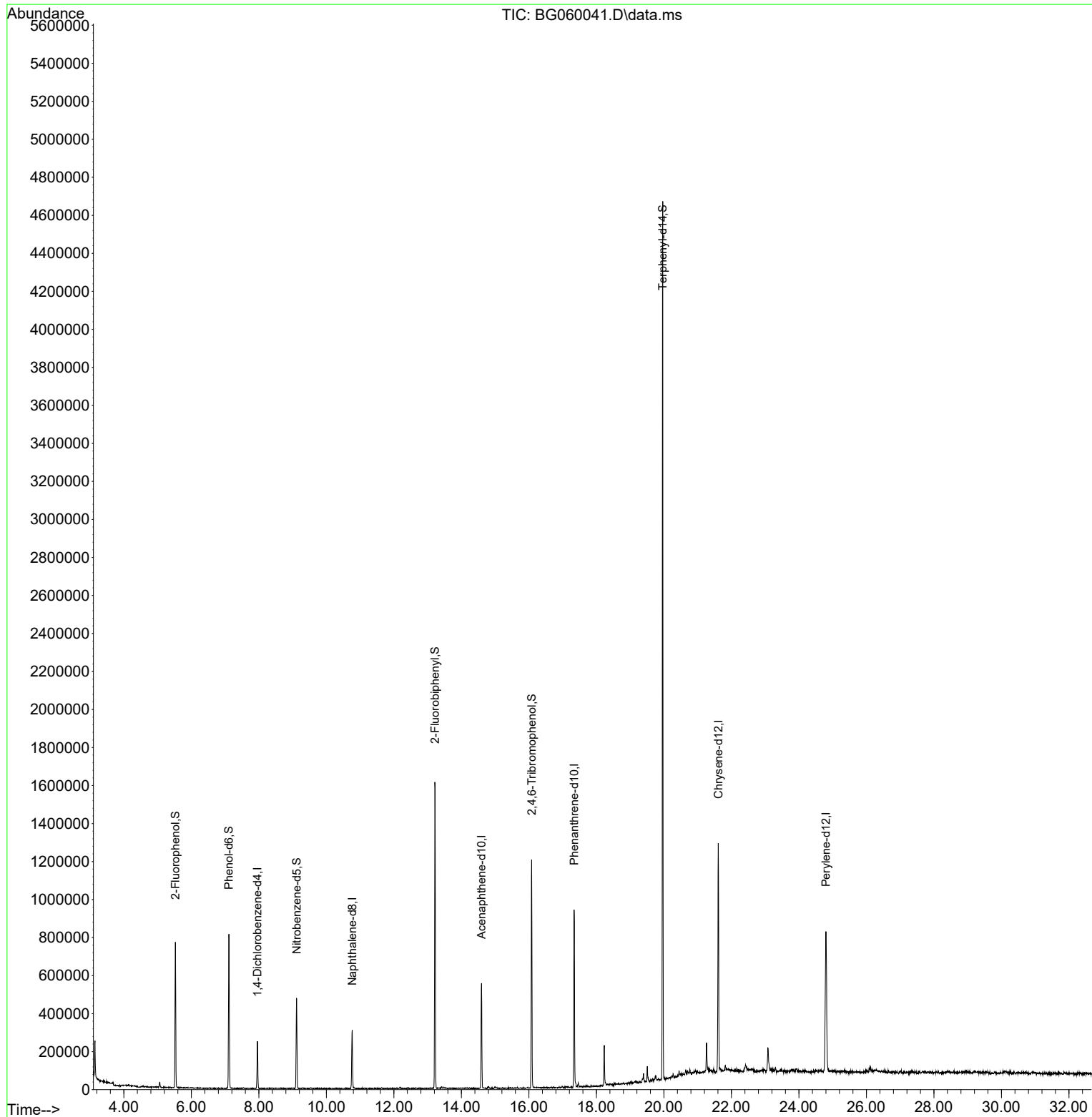
Target Compounds	Qvalue

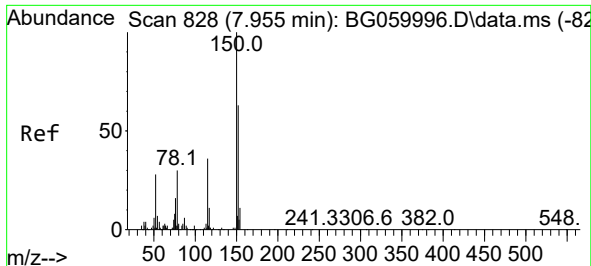
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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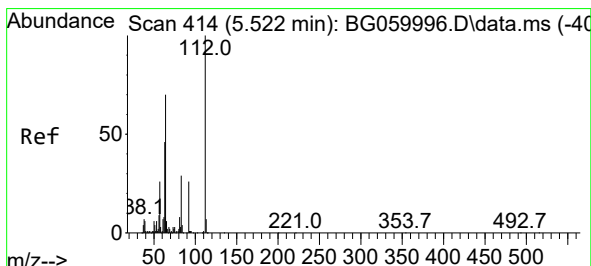
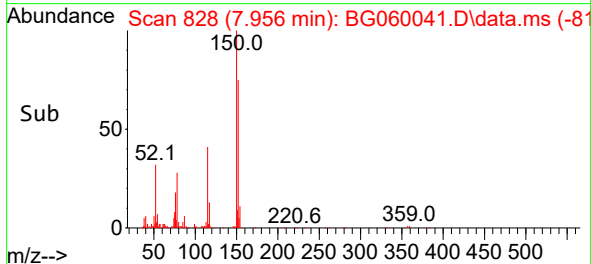
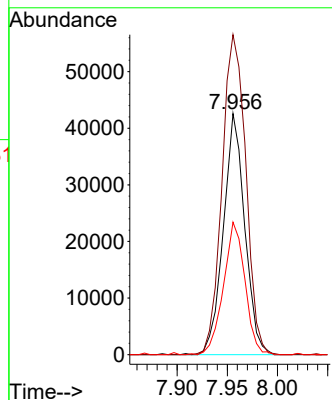
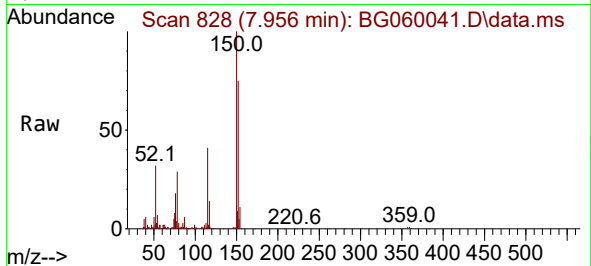




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

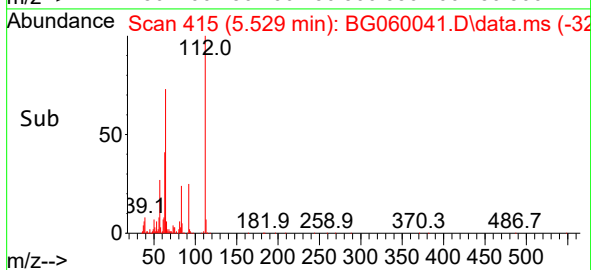
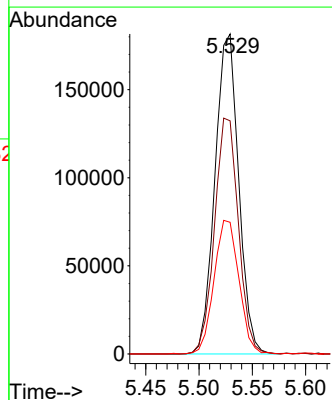
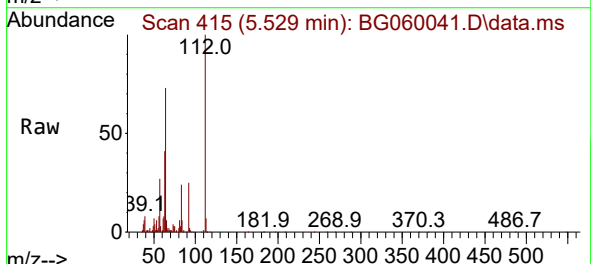
Instrument :
BNA_G
ClientSampleId :
RT-SB-09-13.75-14.75

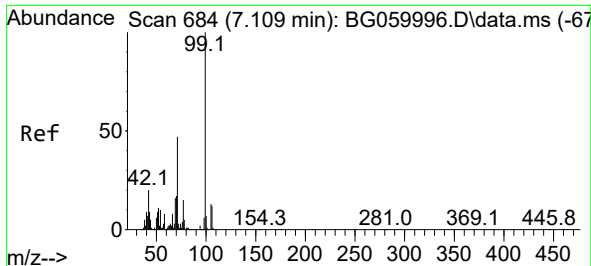
Tgt Ion:152 Resp: 63020
Ion Ratio Lower Upper
152 100
150 132.7 127.0 190.6
115 54.9 45.7 68.5



#5
2-Fluorophenol
Concen: 76.185 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.007 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

Tgt Ion:112 Resp: 280466
Ion Ratio Lower Upper
112 100
64 72.8 55.9 83.9
63 41.1 36.5 54.7

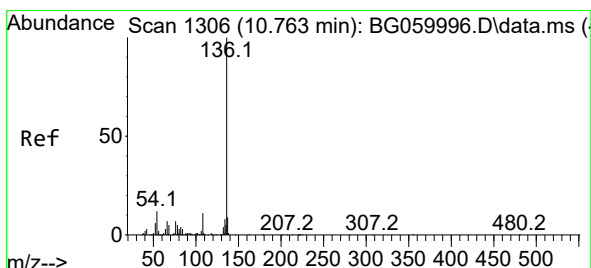
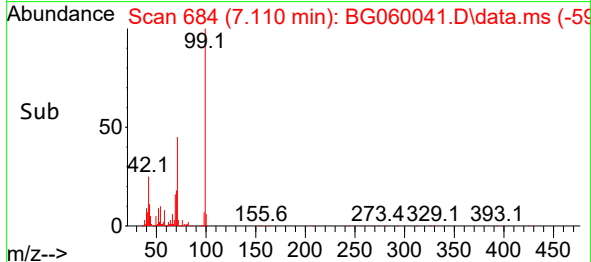
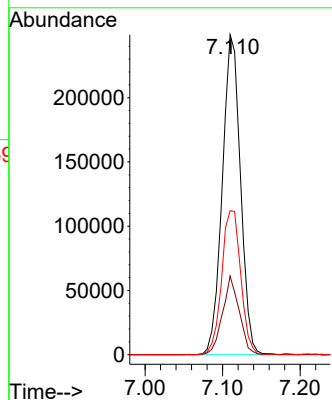
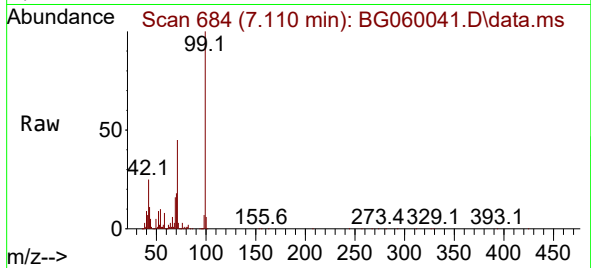




#7
Phenol-d6
Concen: 78.505 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

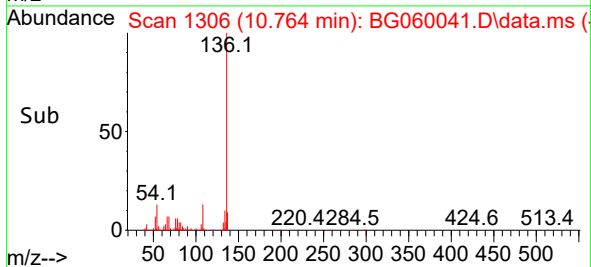
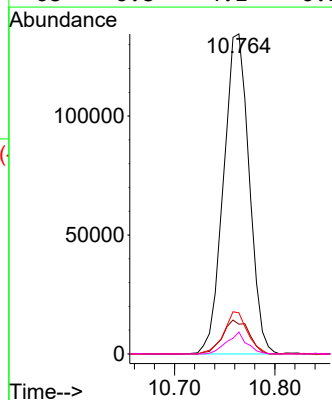
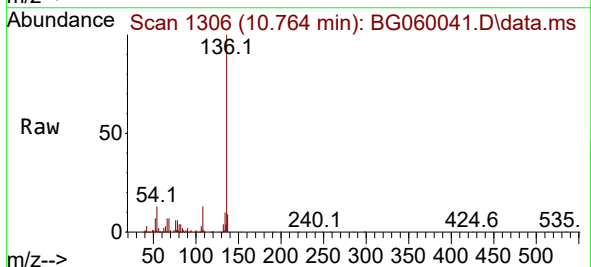
Instrument :
BNA_G
ClientSampleId :
RT-SB-09-13.75-14.75

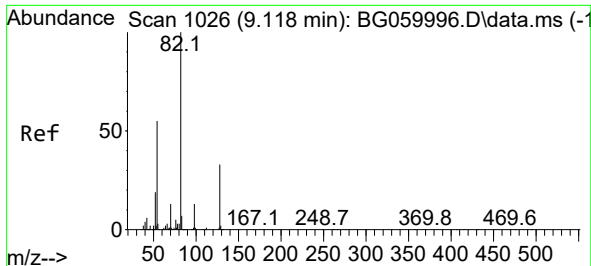
Tgt Ion: 99 Resp: 406538
Ion Ratio Lower Upper
99 100
42 24.6 16.2 24.4#
71 45.0 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

Tgt Ion: 136 Resp: 238614
Ion Ratio Lower Upper
136 100
137 9.3 7.3 10.9
54 12.9 9.6 14.4
68 6.8 4.1 6.1#

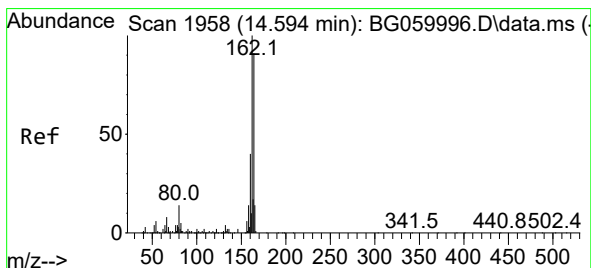
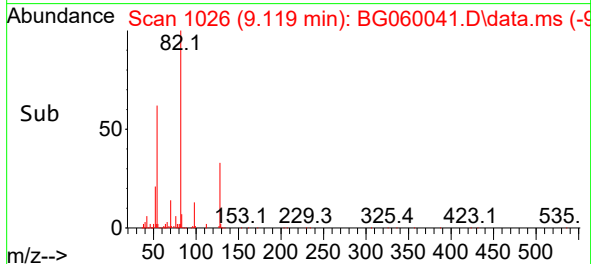
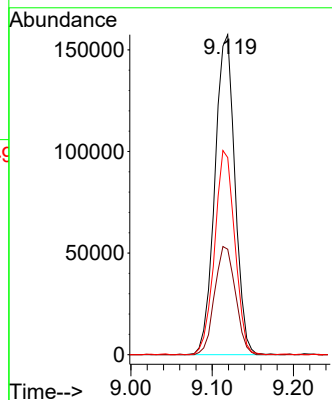
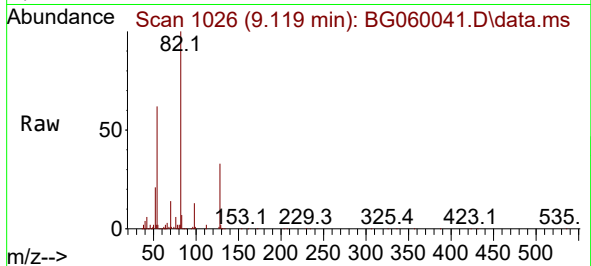




#23
Nitrobenzene-d5
Concen: 51.434 ng
RT: 9.119 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

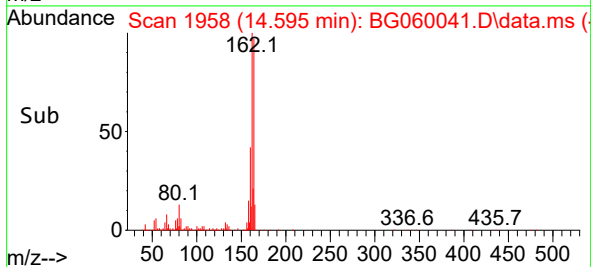
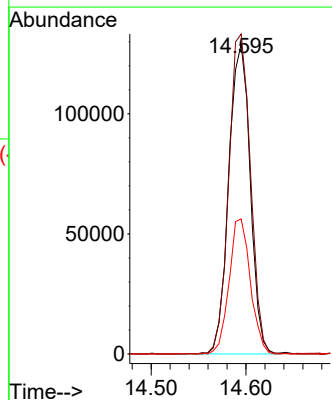
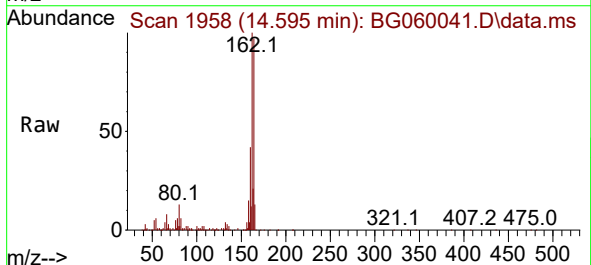
Instrument :
BNA_G
ClientSampleId :
RT-SB-09-13.75-14.75

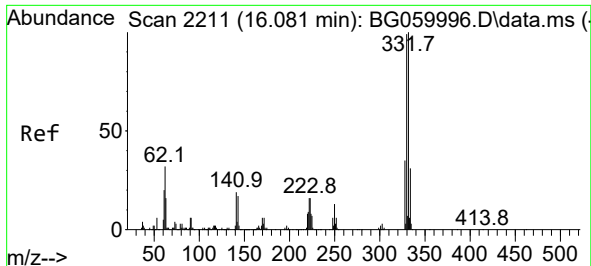
Tgt Ion: 82 Resp: 270277
Ion Ratio Lower Upper
82 100
128 33.0 26.3 39.5
54 61.6 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

Tgt Ion:164 Resp: 202478
Ion Ratio Lower Upper
164 100
162 103.3 88.1 132.1
160 43.6 35.4 53.0

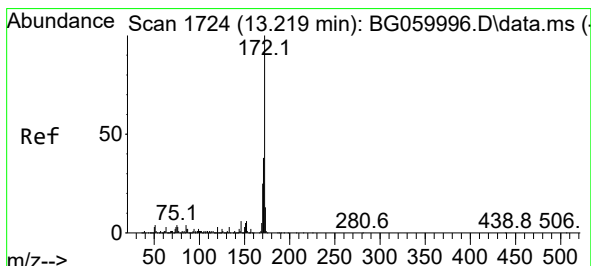
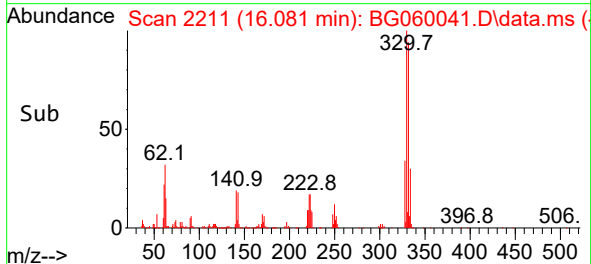
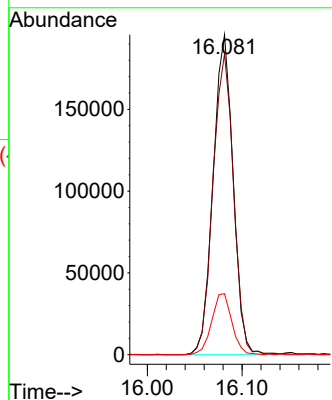
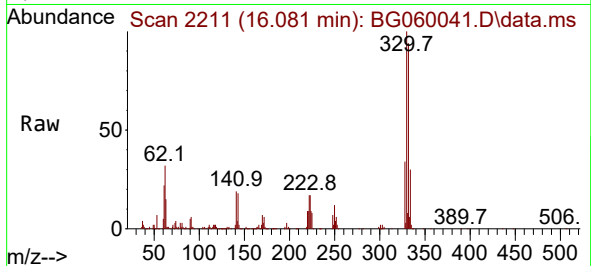




#42
2,4,6-Tribromophenol
Concen: 60.726 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

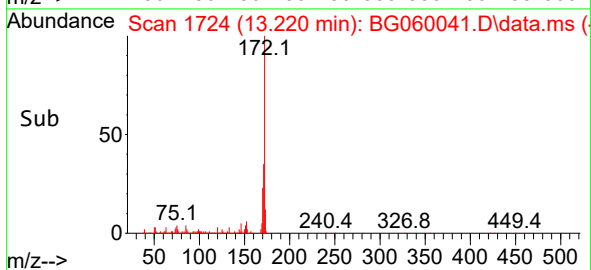
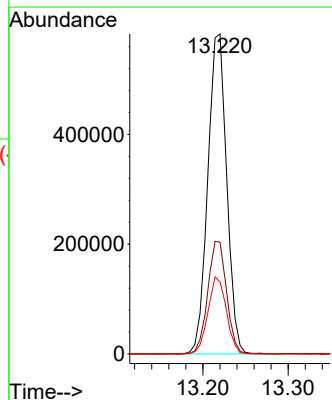
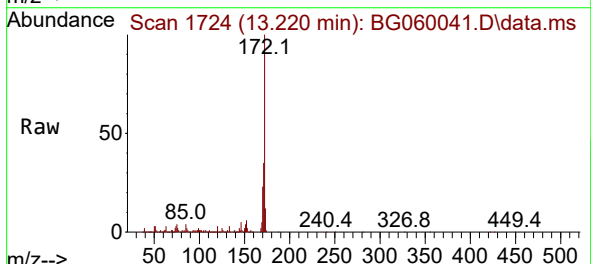
Instrument :
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ClientSampleId :
RT-SB-09-13.75-14.75

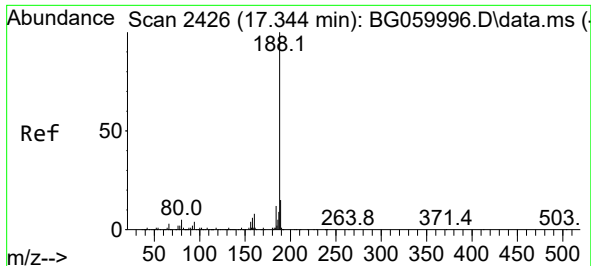
Tgt Ion	330	Resp	286547
Ion Ratio	100	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	19.3	14.3	21.5



#45
2-Fluorobiphenyl
Concen: 54.392 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

Tgt Ion	172	Resp	899839
Ion Ratio	100	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	22.5	20.0	30.0

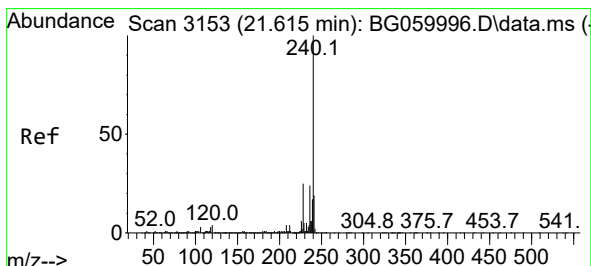
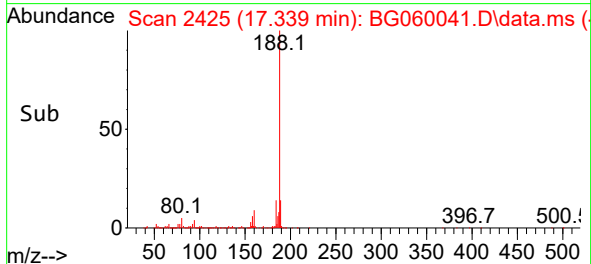
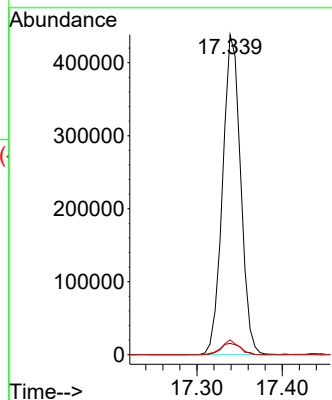
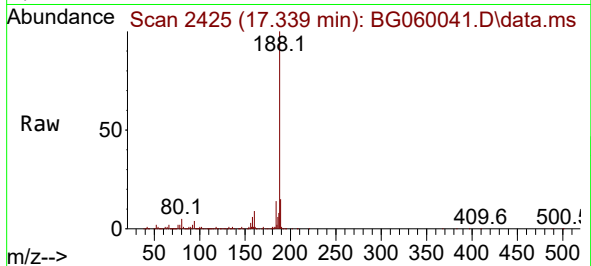




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

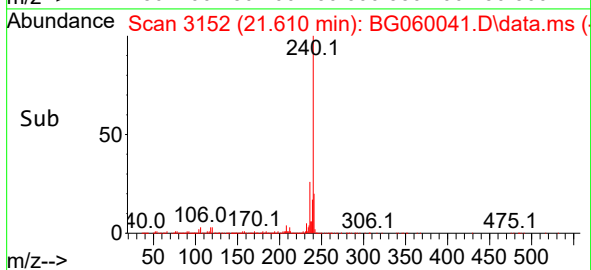
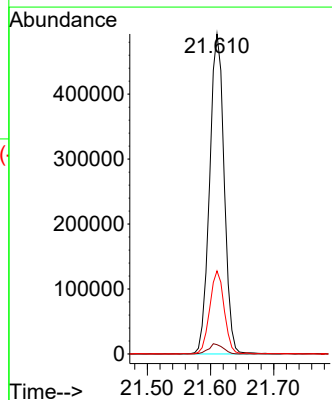
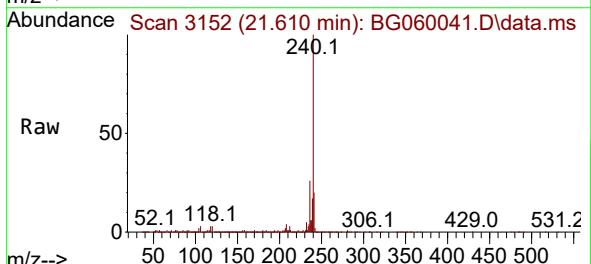
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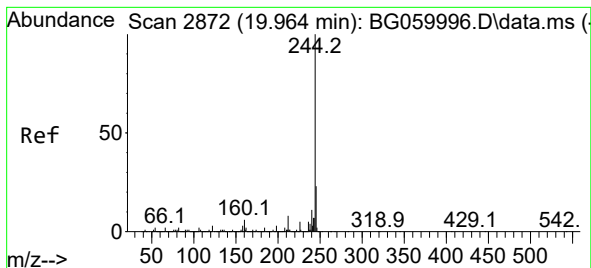
Tgt Ion:188 Resp: 644957
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.6
80 4.7 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG060041.D
Acq: 15 Dec 2023 18:32

Tgt Ion:240 Resp: 787953
Ion Ratio Lower Upper
240 100
120 2.9 2.9 4.3
236 25.9 19.4 29.2





#79

Terphenyl-d14

Concen: 60.127 ng

RT: 19.965 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060041.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_G

ClientSampleId :

RT-SB-09-13.75-14.75

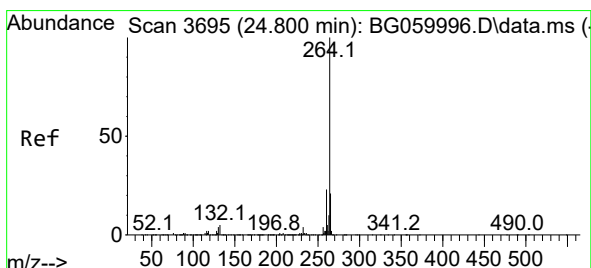
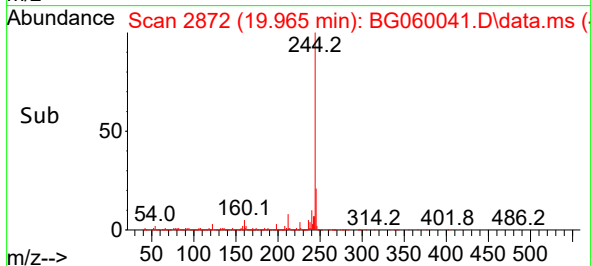
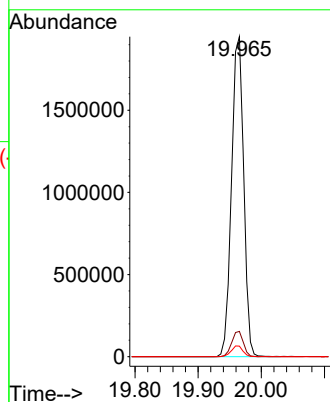
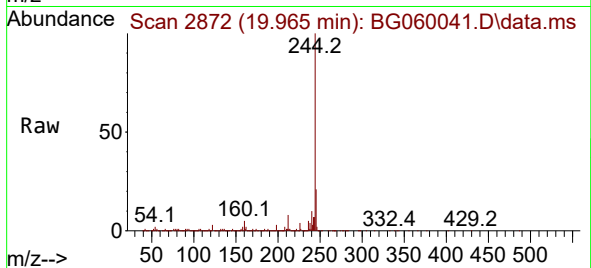
Tgt Ion:244 Resp: 2595024

Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

122 3.3 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.801 min Scan# 3695

Delta R.T. 0.001 min

Lab File: BG060041.D

Acq: 15 Dec 2023 18:32

Tgt Ion:264 Resp: 917451

Ion Ratio Lower Upper

264 100

260 26.1 18.5 27.7

265 23.3 17.3 25.9

