

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060008.D
 Acq On : 14 Dec 2023 11:27
 Operator : MA/JU
 Sample : PB157565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157565BL

Quant Time: Dec 14 12:02:15 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	7.955	152	46457	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	175221	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	155770	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	523552	20.000	ng	0.00
76) Chrysene-d12	21.604	240	751734	20.000	ng	-0.01
86) Perylene-d12	24.788	264	893124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	145578	53.643	ng	0.00
7) Phenol-d6	7.103	99	275395	72.141	ng	0.00
23) Nitrobenzene-d5	9.113	82	177245	45.933	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	485121	133.636	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	806057	63.332	ng	0.00
79) Terphenyl-d14	19.965	244	3662764	88.956	ng	0.00

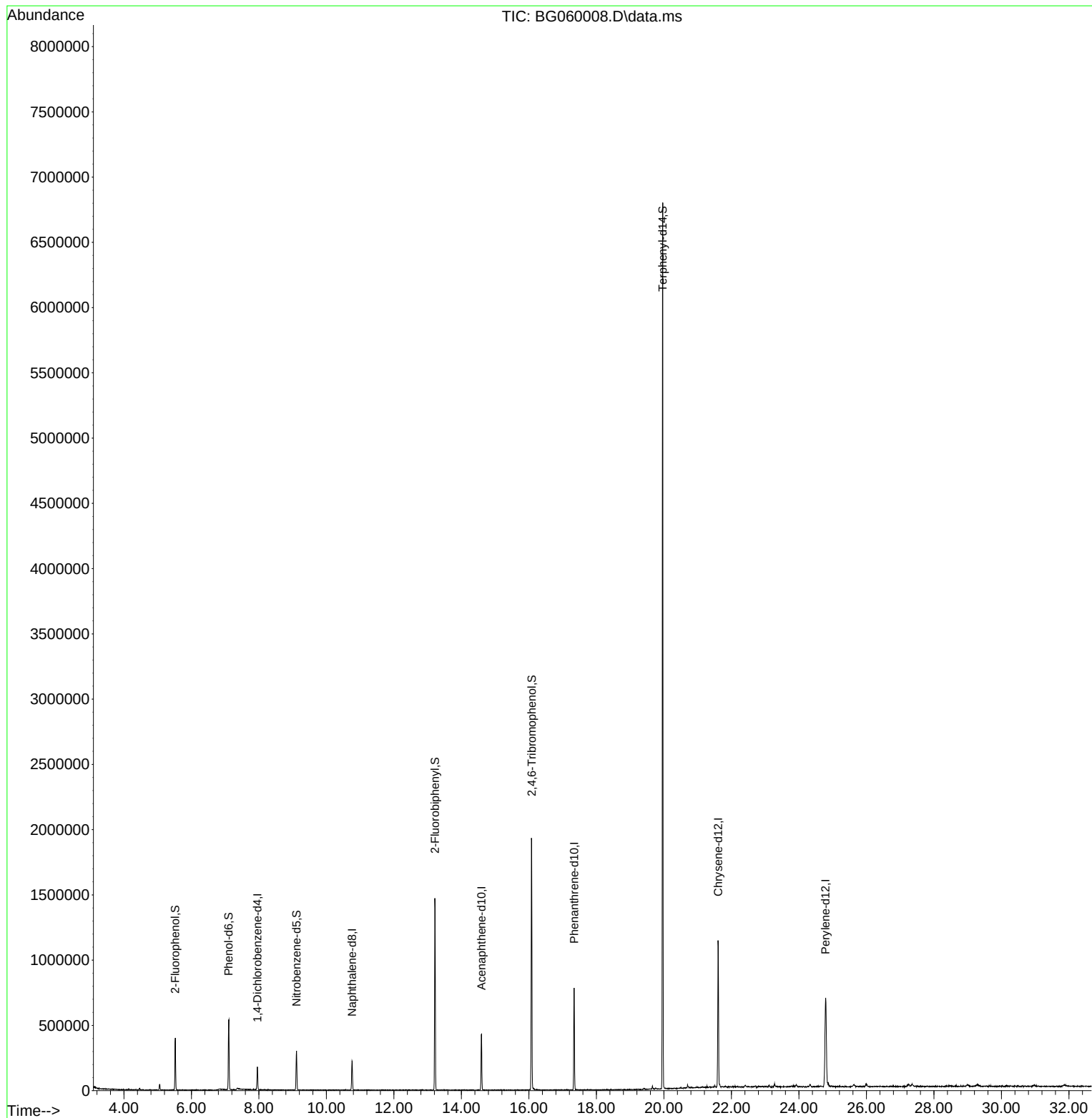
Target Compounds	Qvalue

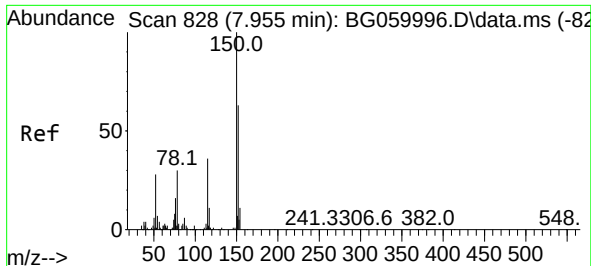
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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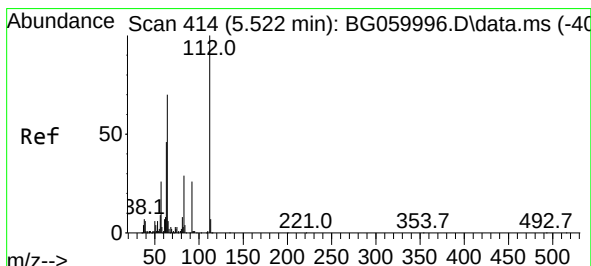
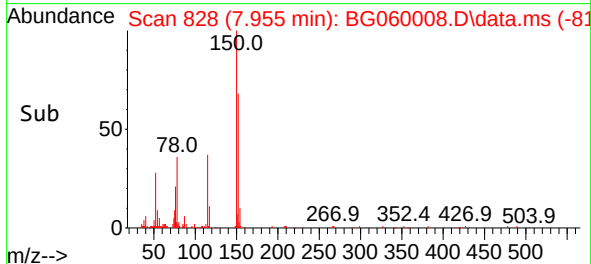
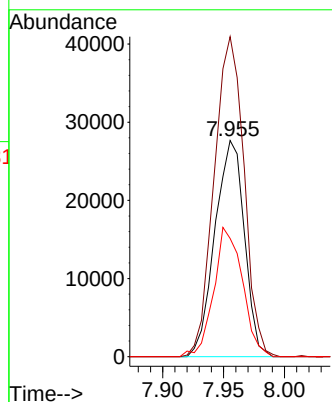
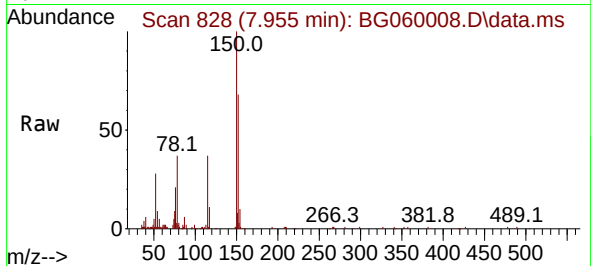




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

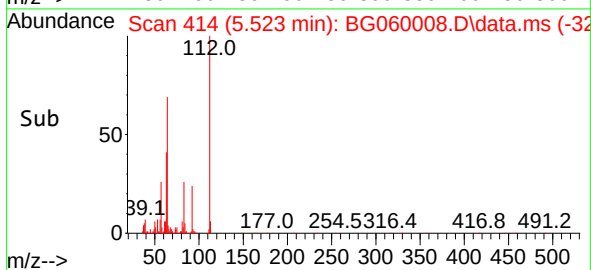
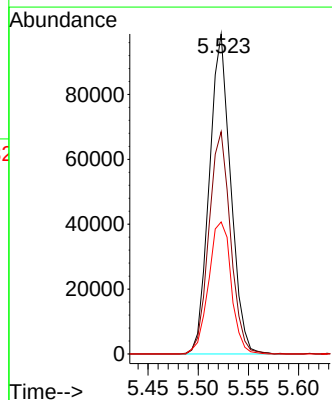
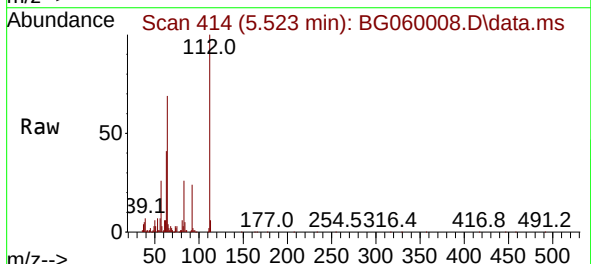
Instrument :
BNA_G
ClientSampleId :
PB157565BL

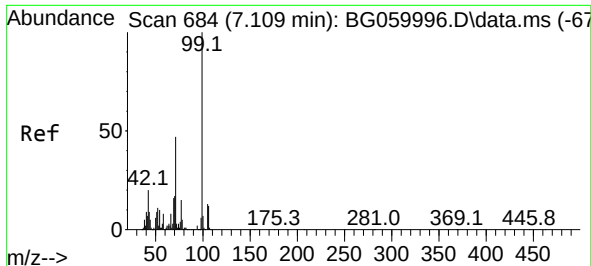
Tgt Ion:152 Resp: 46457
Ion Ratio Lower Upper
152 100
150 148.0 127.0 190.6
115 54.7 45.7 68.5



#5
2-Fluorophenol
Concen: 53.643 ng
RT: 5.523 min Scan# 414
Delta R.T. 0.001 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

Tgt Ion:112 Resp: 145578
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 41.2 36.5 54.7

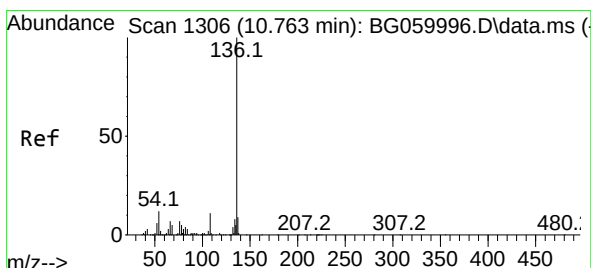
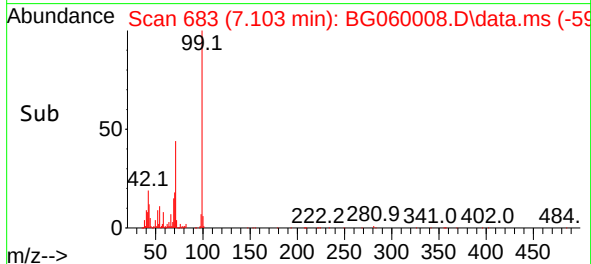
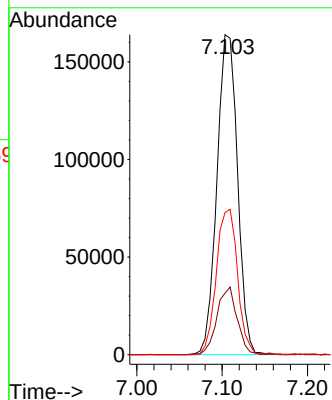
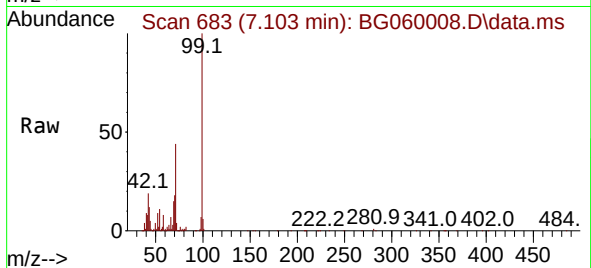




#7
Phenol-d6
Concen: 72.141 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

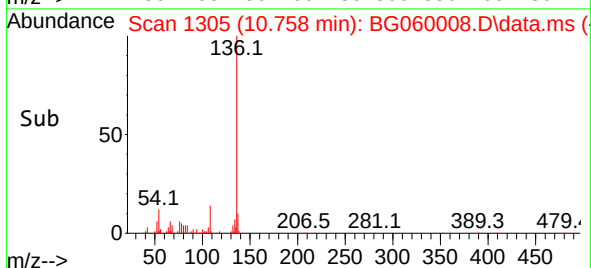
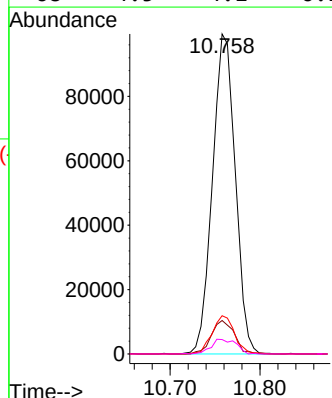
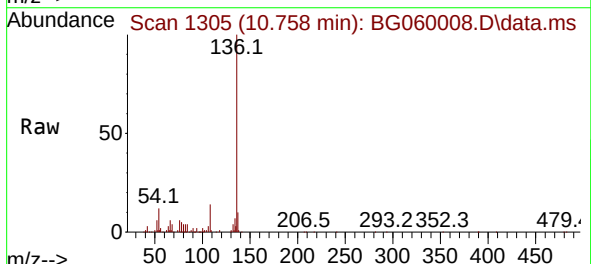
Instrument :
BNA_G
ClientSampleId :
PB157565BL

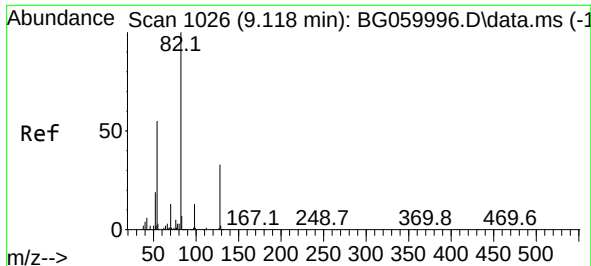
Tgt Ion: 99 Resp: 275395
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.4
71 44.4 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

Tgt Ion:136 Resp: 175221
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 12.0 9.6 14.4
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 45.933 ng

RT: 9.113 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG060008.D

Acq: 14 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157565BL

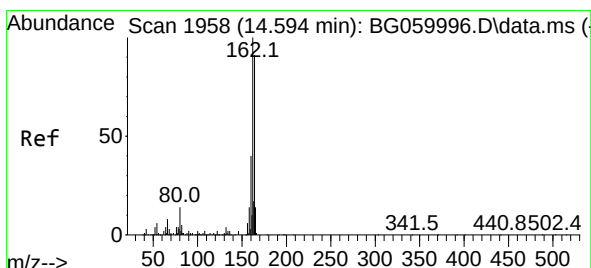
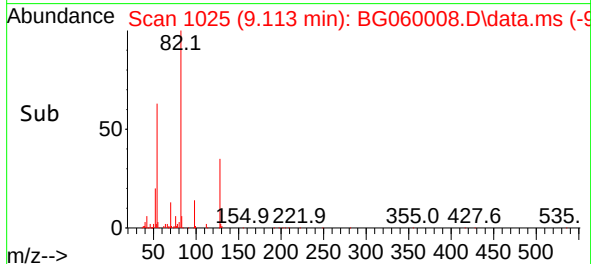
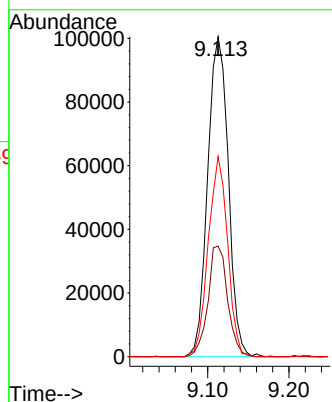
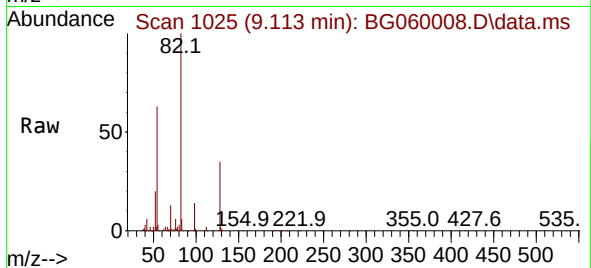
Tgt Ion: 82 Resp: 177245

Ion Ratio Lower Upper

82 100

128 34.5 26.3 39.5

54 62.6 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.595 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BG060008.D

Acq: 14 Dec 2023 11:27

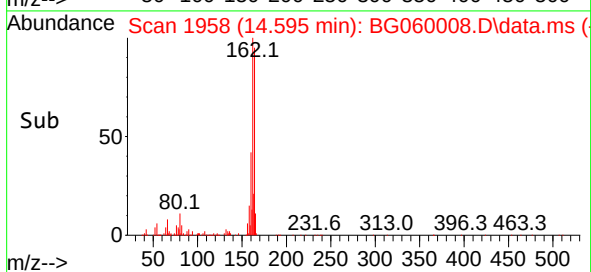
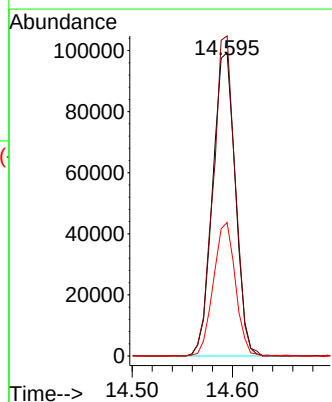
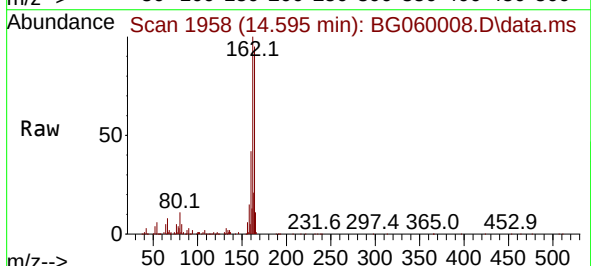
Tgt Ion:164 Resp: 155770

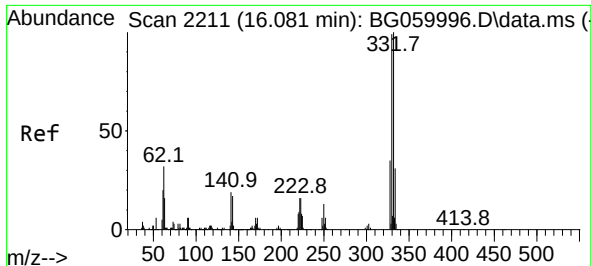
Ion Ratio Lower Upper

164 100

162 105.5 88.1 132.1

160 44.0 35.4 53.0

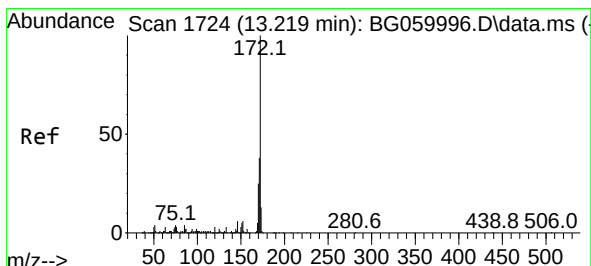
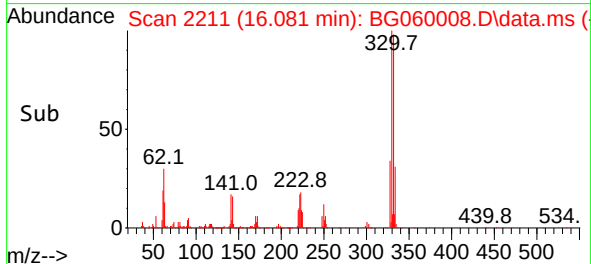
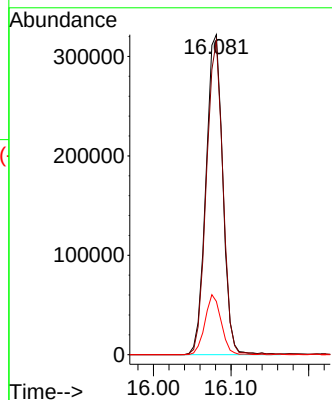
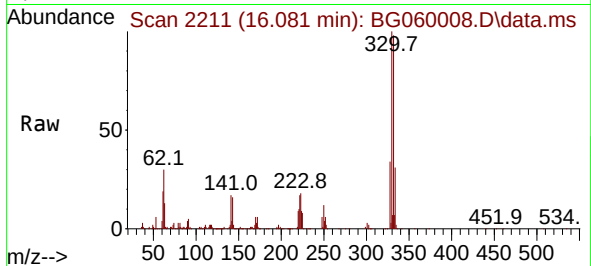




#42
2,4,6-Tribromophenol
Concen: 133.636 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

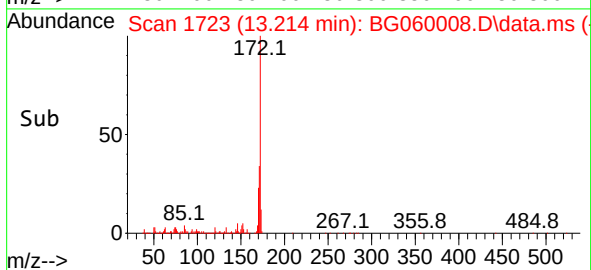
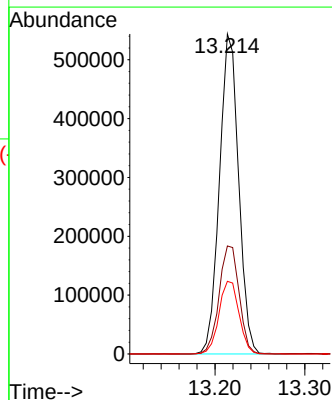
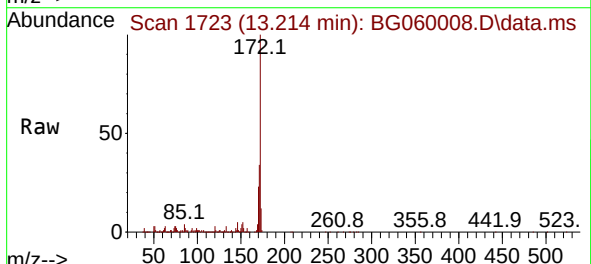
Instrument :
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ClientSampleId :
PB157565BL

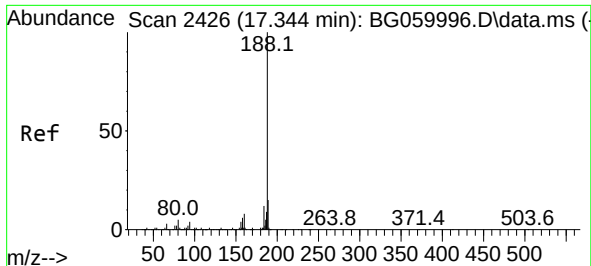
Tgt Ion:330 Resp: 485121
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 18.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 63.332 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

Tgt Ion:172 Resp: 806057
Ion Ratio Lower Upper
172 100
171 33.8 30.1 45.1
170 22.7 20.0 30.0

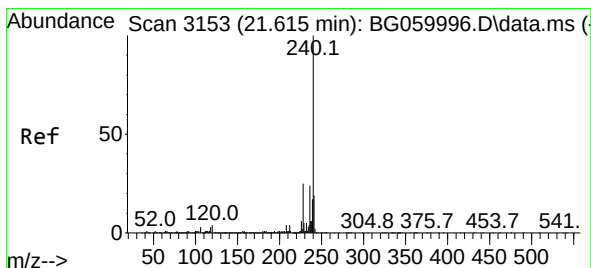
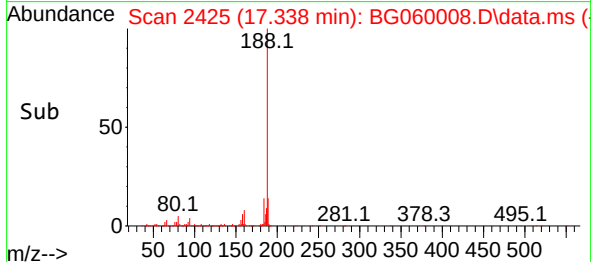
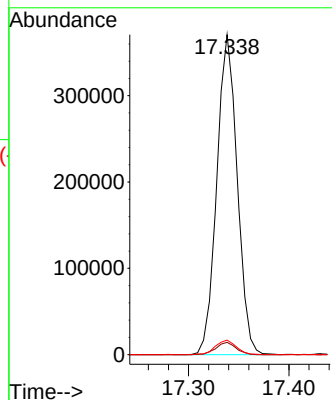
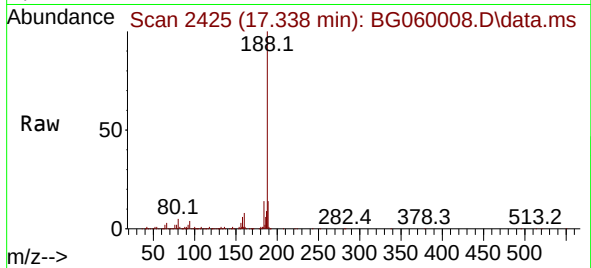




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

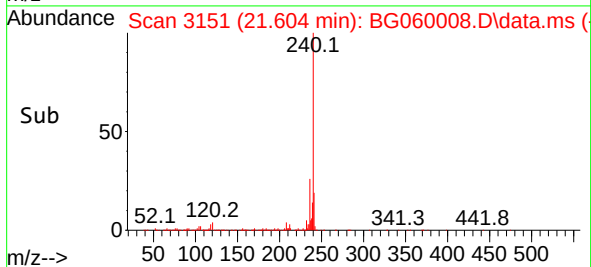
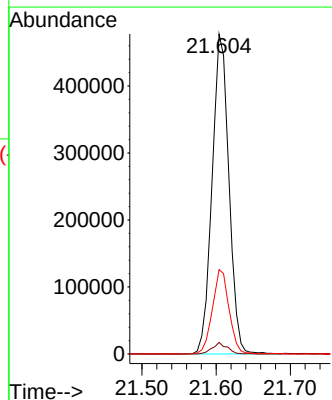
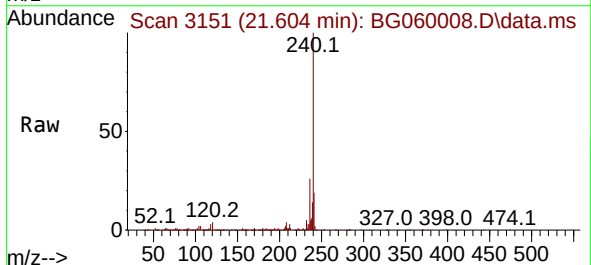
Instrument :
BNA_G
ClientSampleId :
PB157565BL

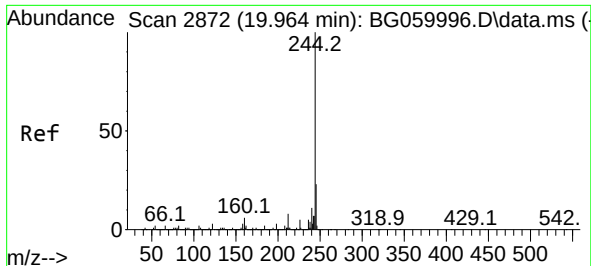
Tgt Ion:188 Resp: 523552
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.6 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3151
Delta R.T. -0.011 min
Lab File: BG060008.D
Acq: 14 Dec 2023 11:27

Tgt Ion:240 Resp: 751734
Ion Ratio Lower Upper
240 100
120 3.6 2.9 4.3
236 26.3 19.4 29.2



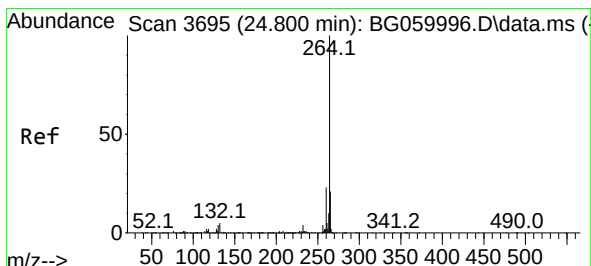
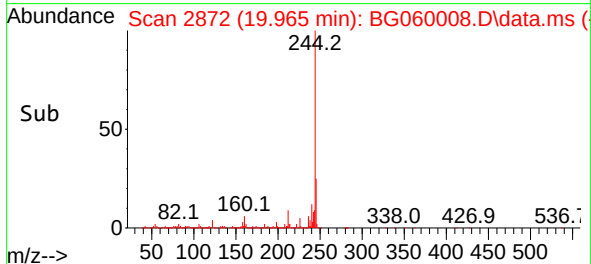
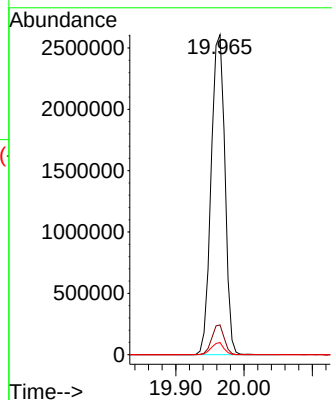
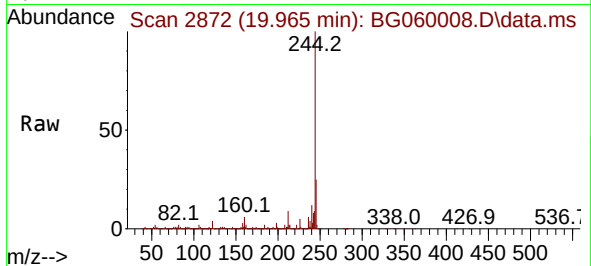


#79
 Terphenyl-d14
 Concen: 88.956 ng
 RT: 19.965 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060008.D
 Acq: 14 Dec 2023 11:27

Instrument :
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 ClientSampleId :
 PB157565BL

Tgt Ion:244 Resp: 3662764

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.8	10.2
122	3.8	2.6	3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.788 min Scan# 3693
 Delta R.T. -0.011 min
 Lab File: BG060008.D
 Acq: 14 Dec 2023 11:27

Tgt Ion:264 Resp: 893124

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	20.3	17.3	25.9

