

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060278.D
 Acq On : 5 Jan 2024 19:59
 Operator : MA/JU
 Sample : P1040-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Jan 06 00:45:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	222407	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	808258	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	579295	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1508382	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1512834	20.000	ng	-0.01
86) Perylene-d12	24.753	264	1739463	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1360128	92.304	ng	0.00
7) Phenol-d6	7.097	99	2081806	95.152	ng	0.00
23) Nitrobenzene-d5	9.094	82	1339808	76.567	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	656381	84.646	ng	-0.01
45) 2-Fluorobiphenyl	13.190	172	3093919	76.760	ng	0.00
79) Terphenyl-d14	19.941	244	4802483	61.029	ng	0.00

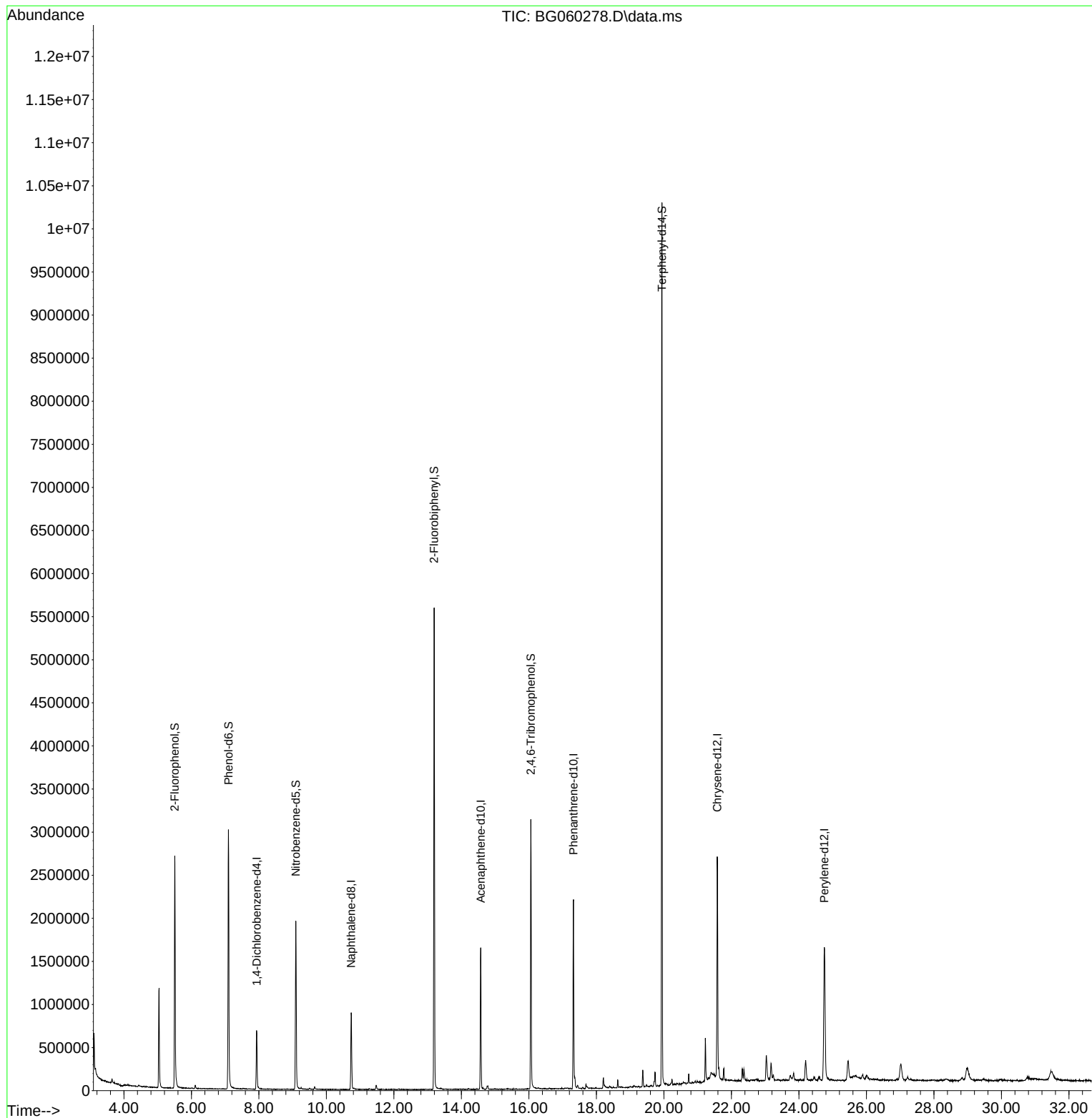
Target Compounds	Qvalue

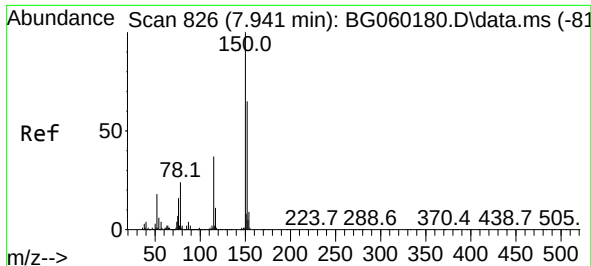
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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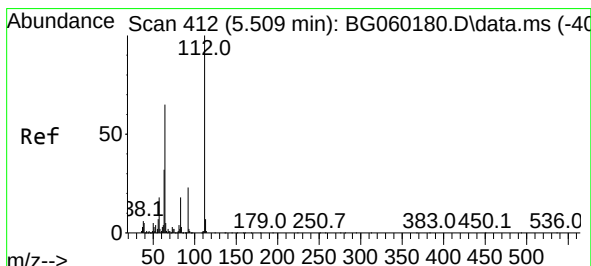
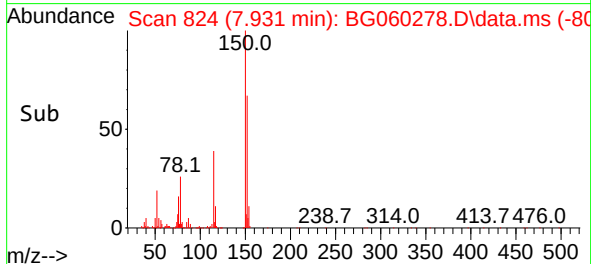
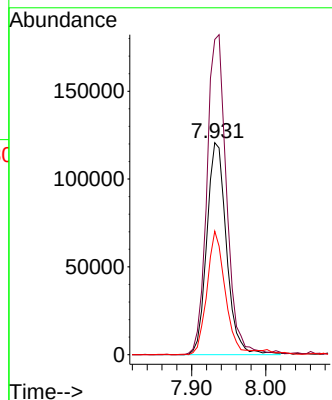
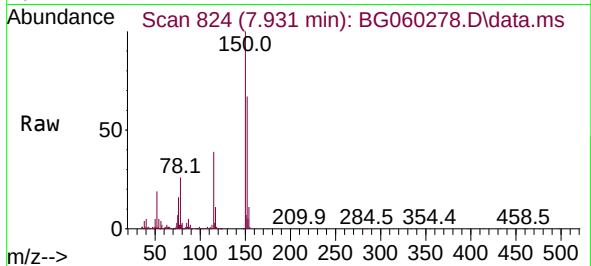




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

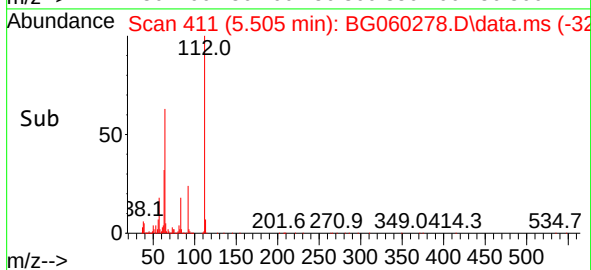
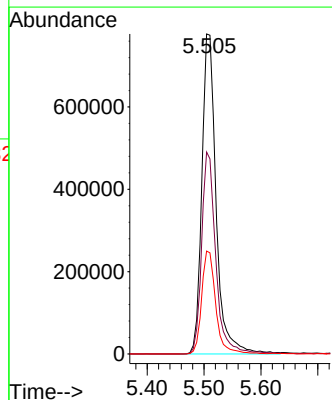
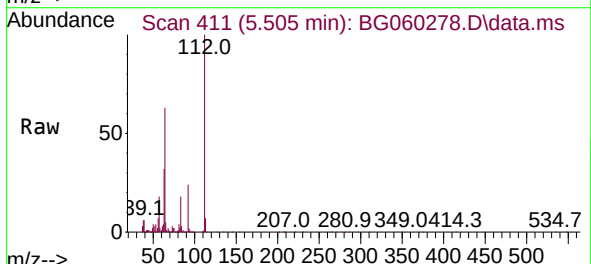
Instrument :
BNA_G
ClientSampleId :
COMP-2

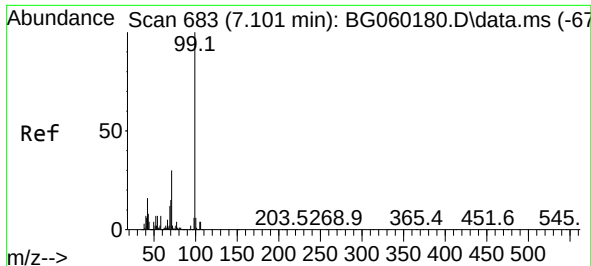
Tgt Ion:152 Resp: 222407
Ion Ratio Lower Upper
152 100
150 148.8 123.4 185.0
115 58.3 45.4 68.0



#5
2-Fluorophenol
Concen: 92.304 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion:112 Resp: 1360128
Ion Ratio Lower Upper
112 100
64 63.1 52.2 78.4
63 32.2 25.4 38.0

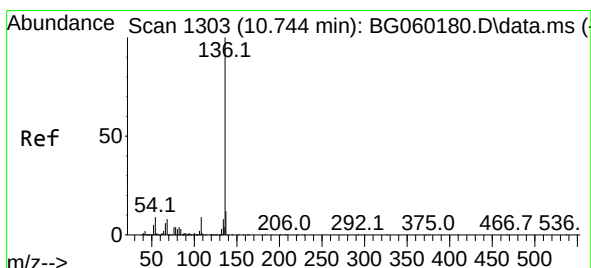
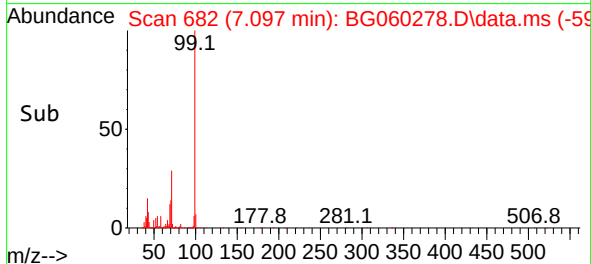
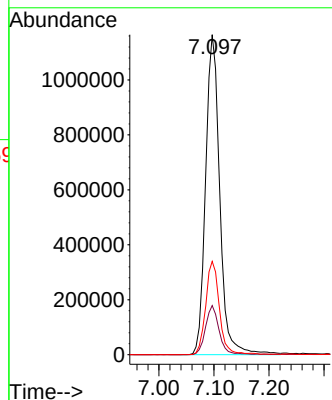
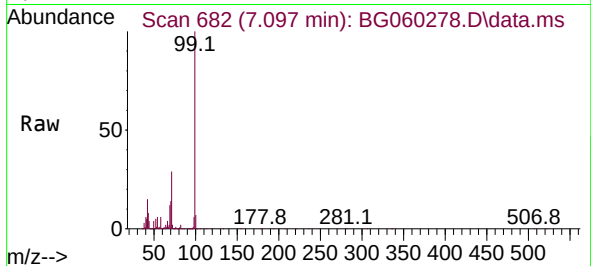




#7
Phenol-d6
Concen: 95.152 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

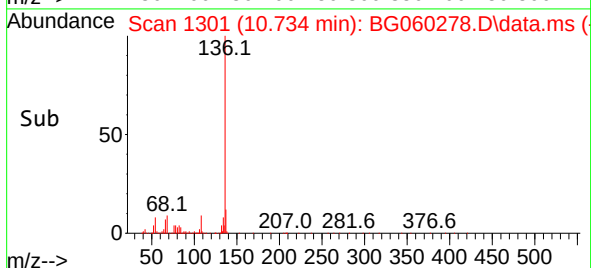
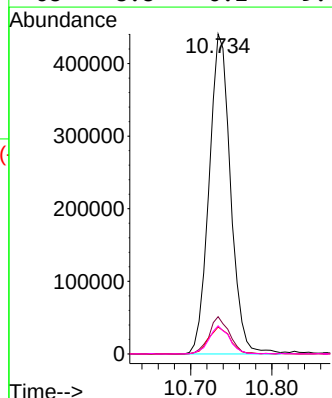
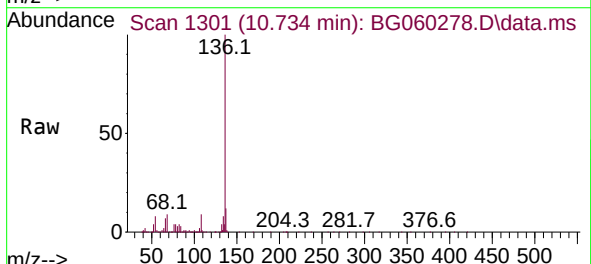
Instrument :
BNA_G
ClientSampleId :
COMP-2

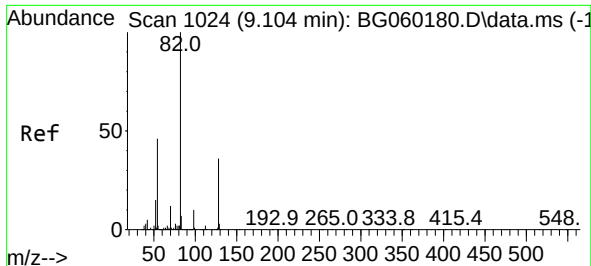
Tgt Ion: 99 Resp: 2081806
Ion Ratio Lower Upper
99 100
42 15.3 12.5 18.7
71 29.2 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion: 136 Resp: 808258
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 8.4 7.4 11.2
68 8.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 76.567 ng

RT: 9.094 min Scan# 1024

Delta R.T. -0.010 min

Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

Instrument :

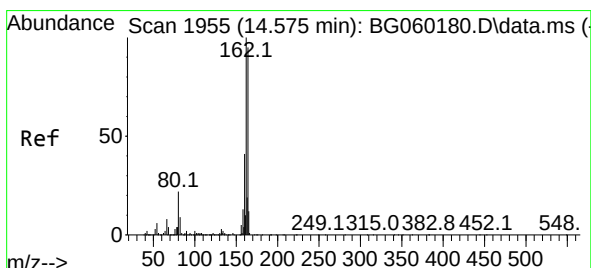
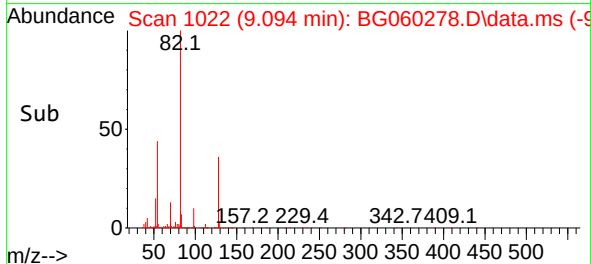
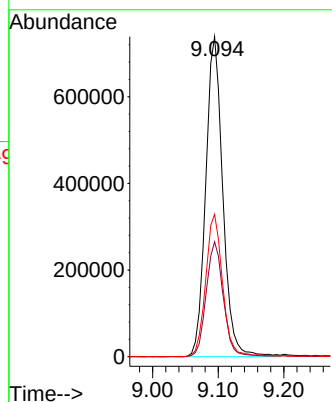
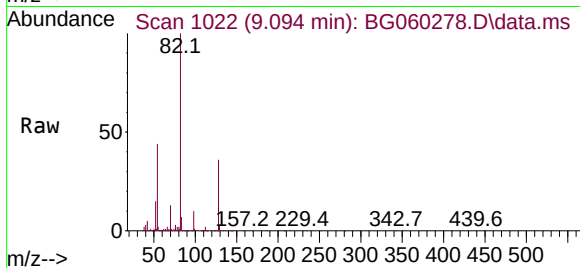
BNA_G

ClientSampleId :

COMP-2

Tgt Ion: 82 Resp: 1339808

Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.7	43.1
54	44.5	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.570 min Scan# 1954

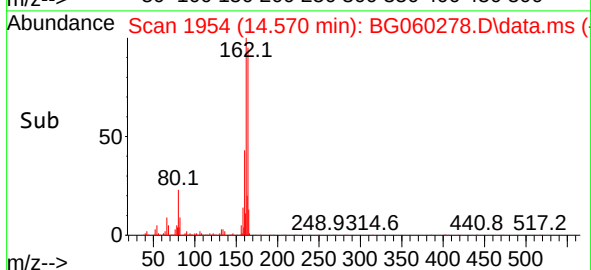
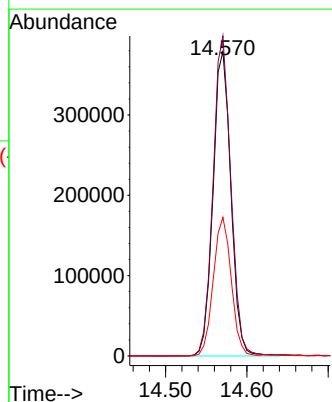
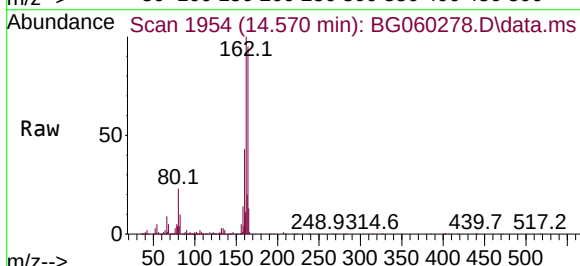
Delta R.T. -0.004 min

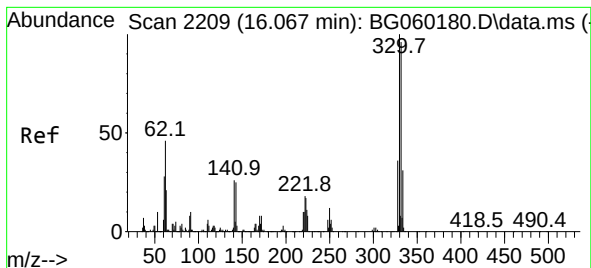
Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

Tgt Ion:164 Resp: 579295

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.9	125.9
160	45.5	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 84.646 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

Instrument :

BNA_G

ClientSampleId :

COMP-2

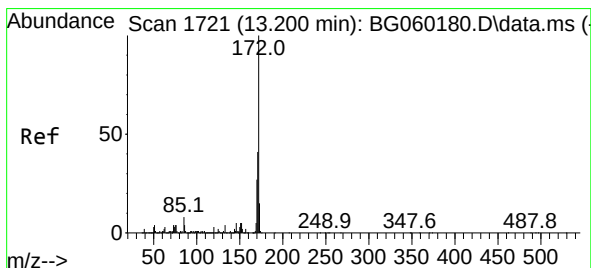
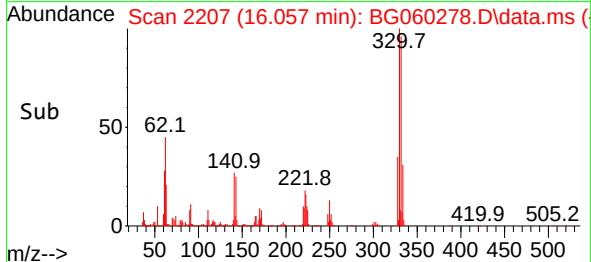
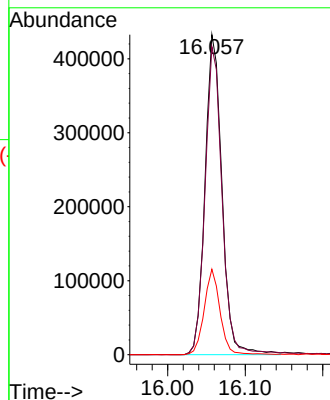
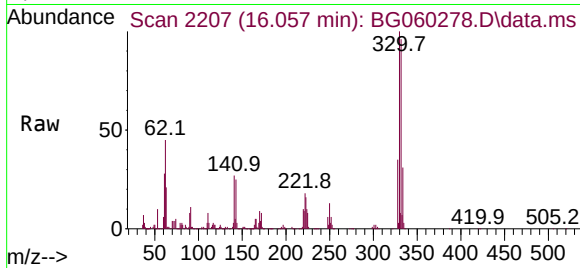
Tgt Ion:330 Resp: 656381

Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 25.0 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 76.760 ng

RT: 13.190 min Scan# 1719

Delta R.T. -0.010 min

Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

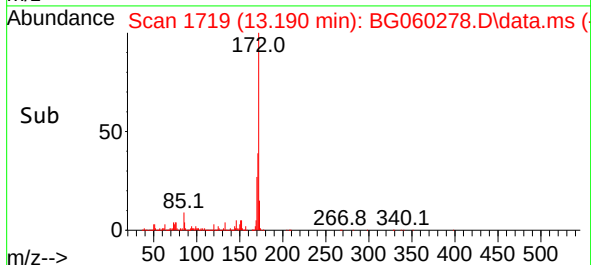
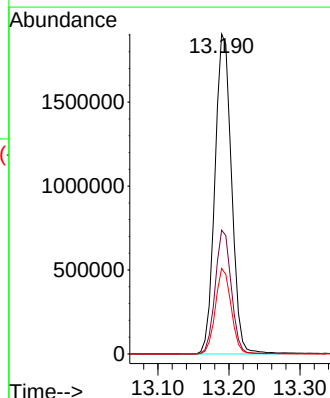
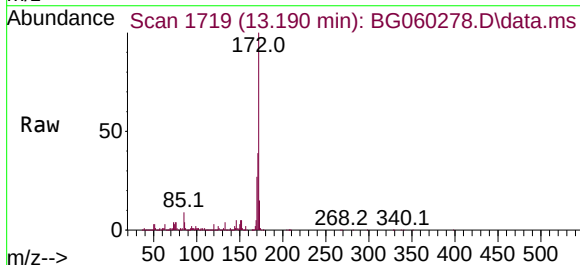
Tgt Ion:172 Resp: 3093919

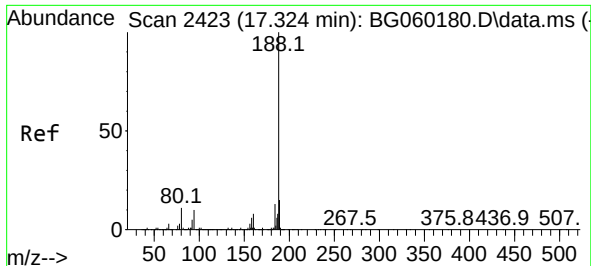
Ion Ratio Lower Upper

172 100

171 38.7 32.6 48.8

170 26.8 21.8 32.6

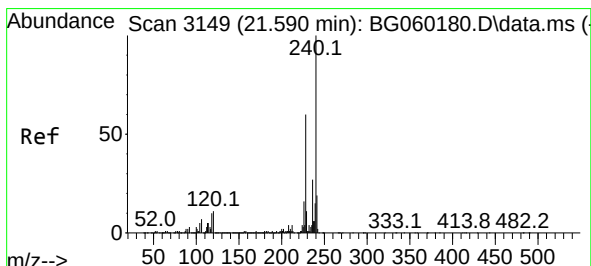
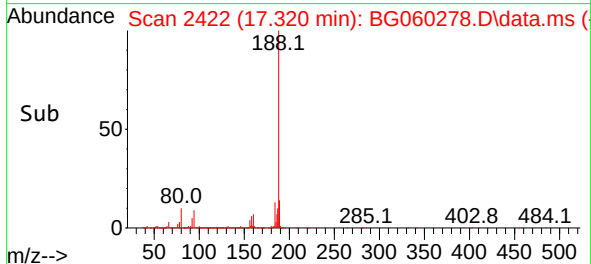
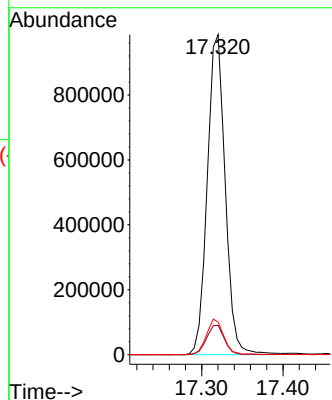
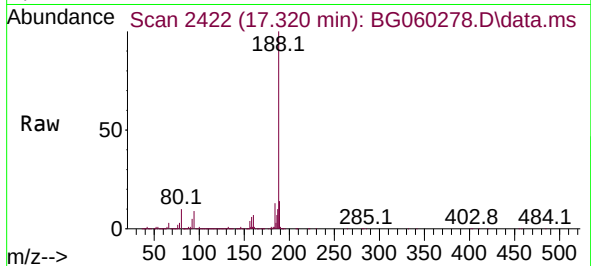




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

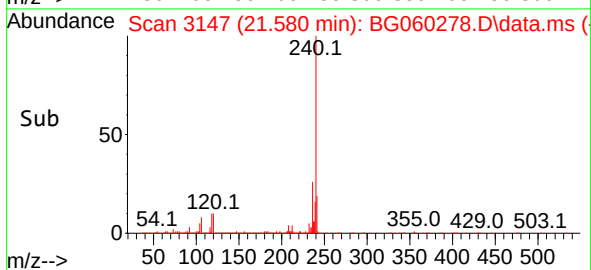
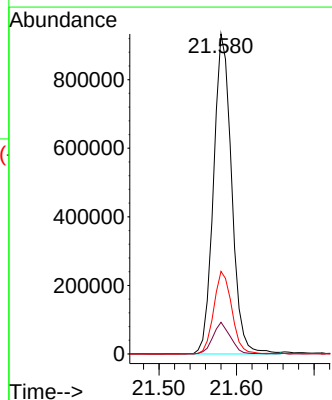
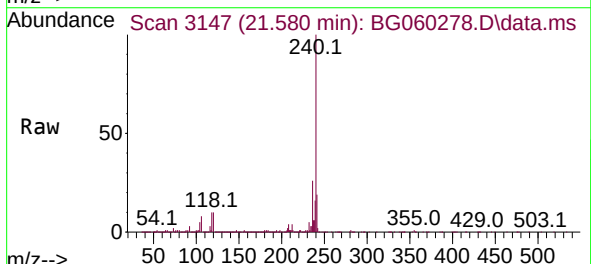
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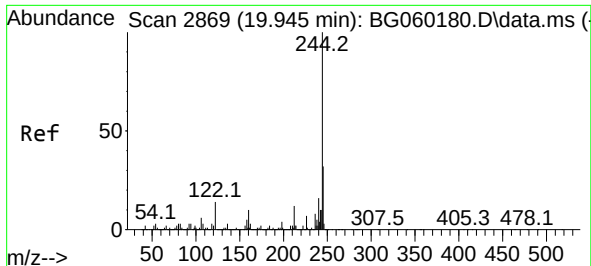
Tgt Ion:188 Resp: 1508382
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion:240 Resp: 1512834
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.8 21.4 32.2

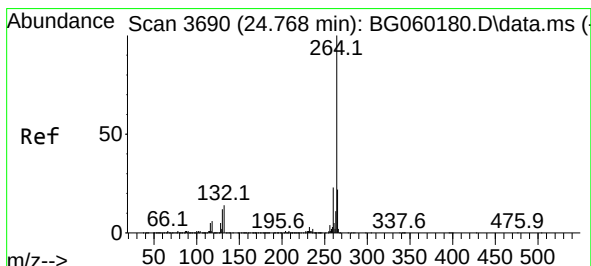
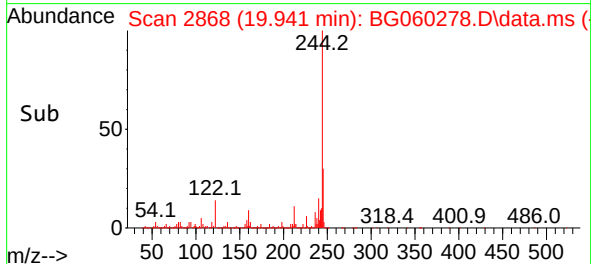
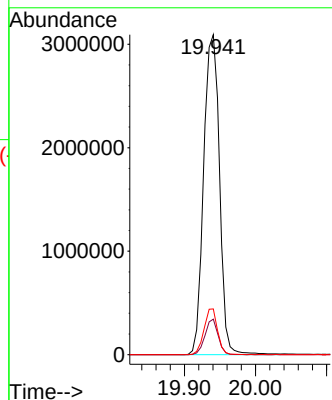
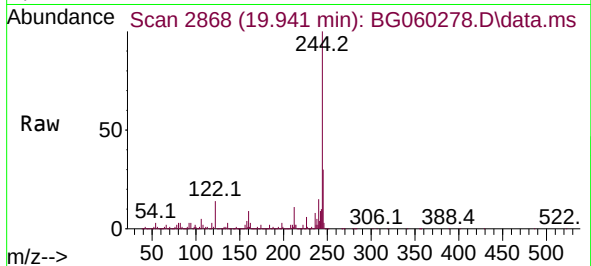




#79
Terphenyl-d14
Concen: 61.029 ng
RT: 19.941 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 4802483
Ion Ratio Lower Upper
244 100
212 11.1 9.5 14.3
122 14.3 11.4 17.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.753 min Scan# 3687
Delta R.T. -0.016 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion:264 Resp: 1739463
Ion Ratio Lower Upper
264 100
260 23.2 18.0 27.0
265 22.5 17.4 26.0

