

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057046.D
 Acq On : 10 Apr 2023 15:31
 Operator : CG/JU
 Sample : 02224-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-05

Quant Time: Apr 11 04:12:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	16276	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	63352	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	45556	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	107097	20.000	ng	0.00
76) Chrysene-d12	22.071	240	94056	20.000	ng	-0.01
86) Perylene-d12	25.608	264	102051	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	105822	104.057	ng	0.00
7) Phenol-d6	7.538	99	151066	99.320	ng	0.00
23) Nitrobenzene-d5	9.582	82	98205	63.428	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	73281	100.692	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	231063	68.778	ng	0.00
79) Terphenyl-d14	20.327	244	409885	73.742	ng	0.00

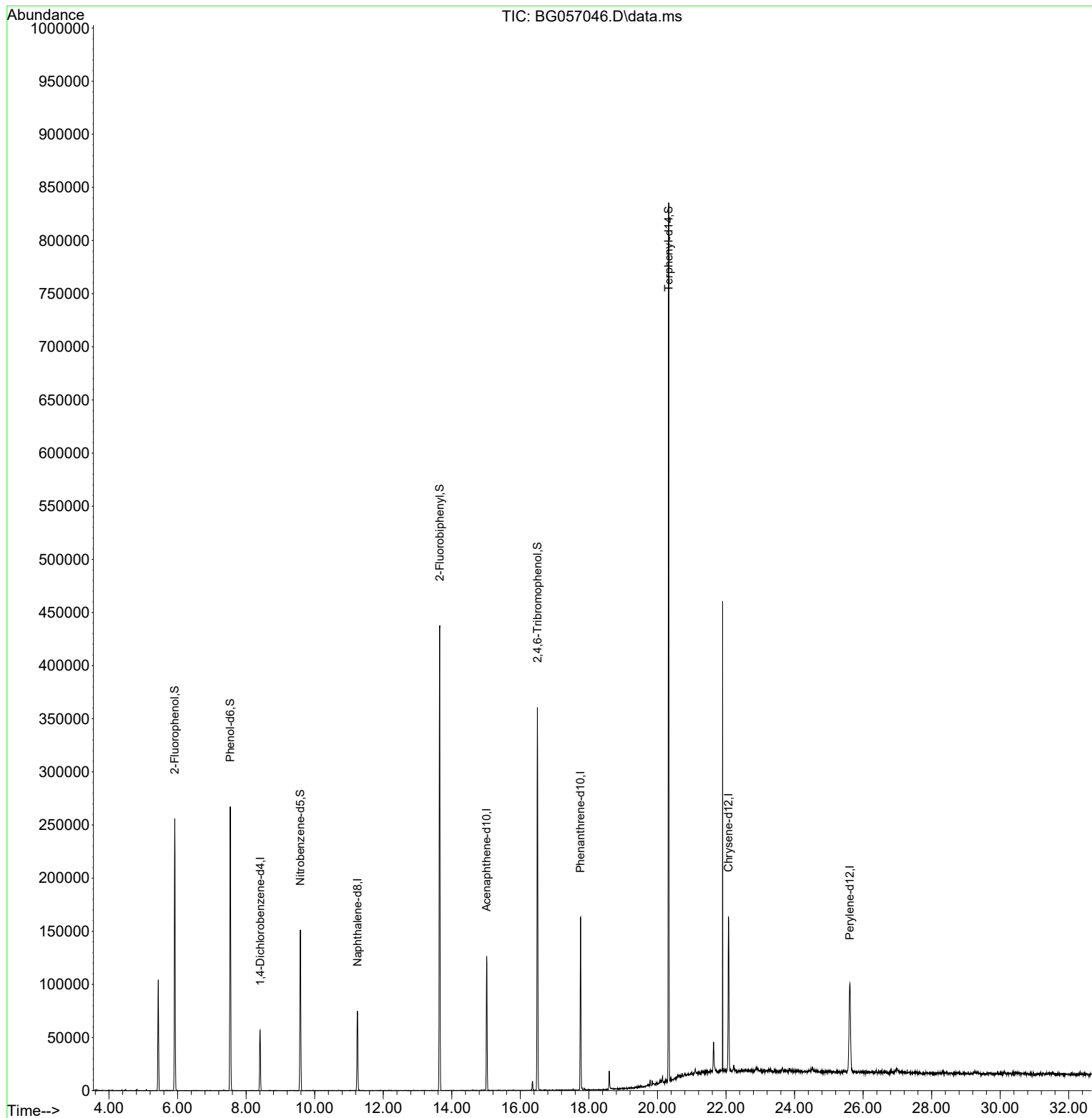
Target Compounds	Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
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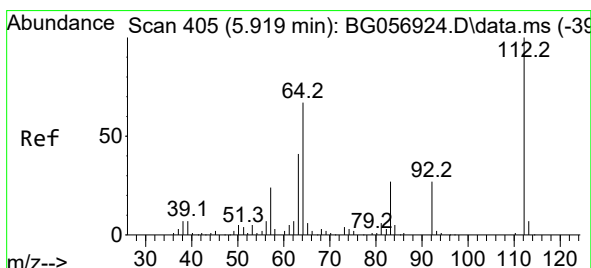
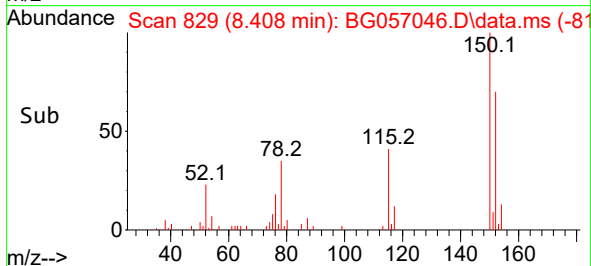
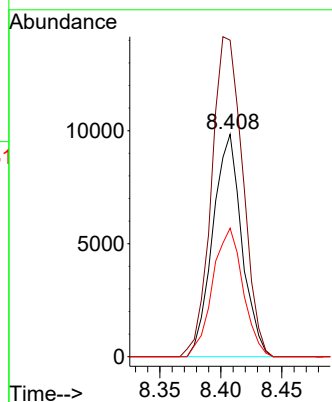
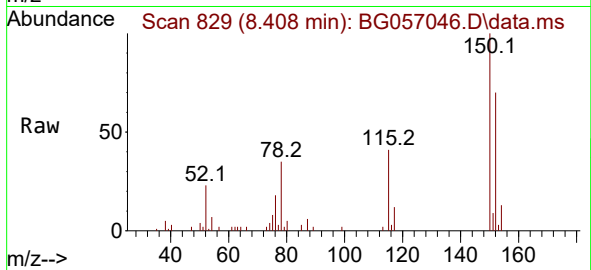




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

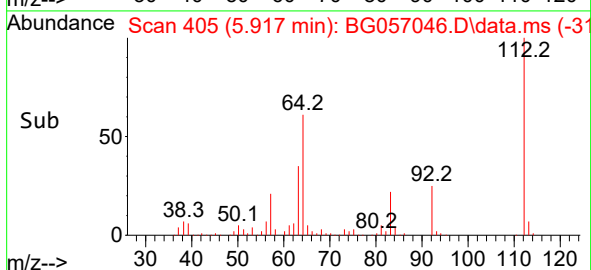
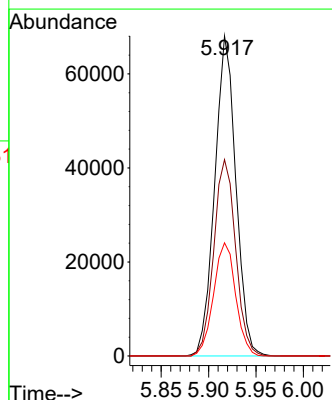
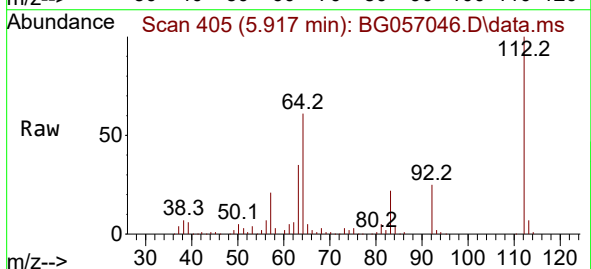
Instrument :
BNA_G
ClientSampleId :
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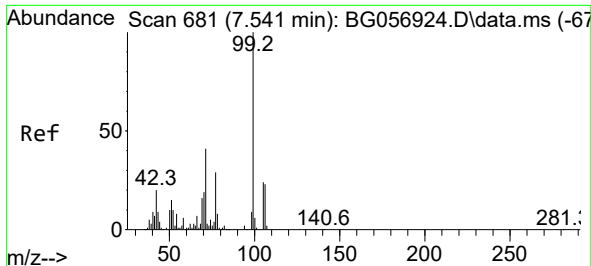
Tgt Ion:152 Resp: 16276
Ion Ratio Lower Upper
152 100
150 142.4 124.1 186.1
115 57.8 49.1 73.7



#5
2-Fluorophenol
Concen: 104.057 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

Tgt Ion:112 Resp: 105822
Ion Ratio Lower Upper
112 100
64 61.4 53.2 79.8
63 35.4 32.6 48.8

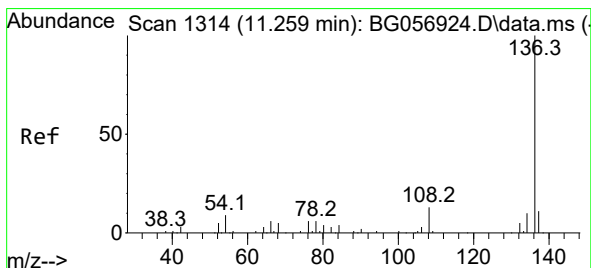
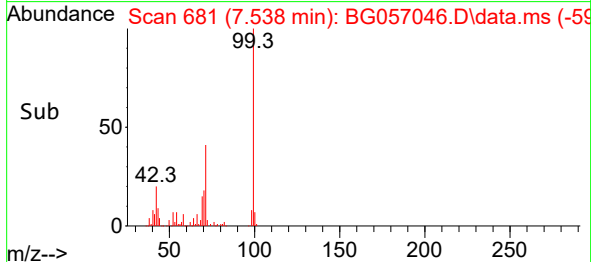
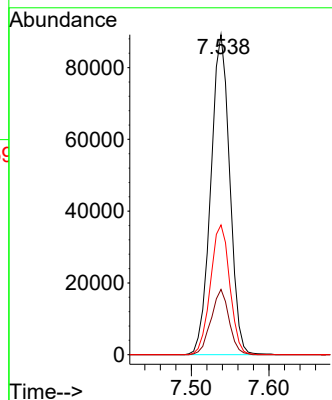
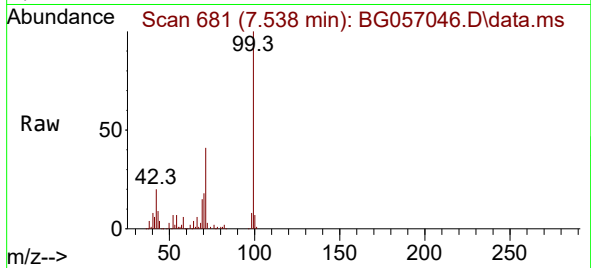




#7
Phenol-d6
Concen: 99.320 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

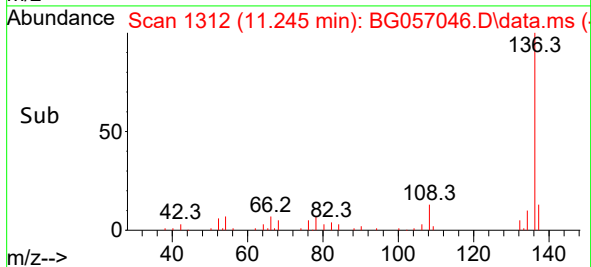
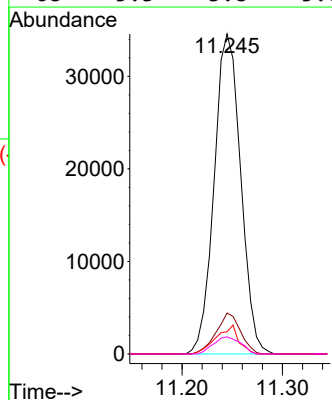
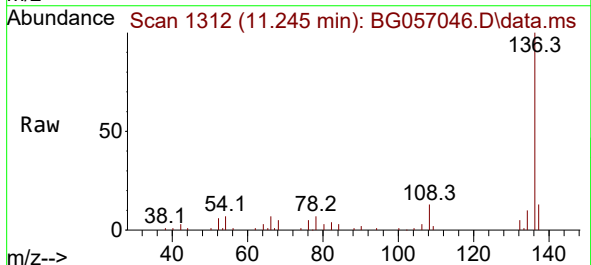
Instrument :
BNA_G
ClientSampleId :
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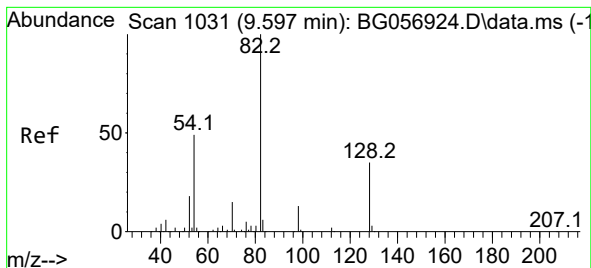
Tgt Ion: 99 Resp: 151066
Ion Ratio Lower Upper
99 100
42 20.4 15.7 23.5
71 40.6 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

Tgt Ion: 136 Resp: 63352
Ion Ratio Lower Upper
136 100
137 12.8 8.6 13.0
54 6.9 6.9 10.3
68 5.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 63.428 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057046.D

Acq: 10 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

OU3-FC-BACKFILL-05

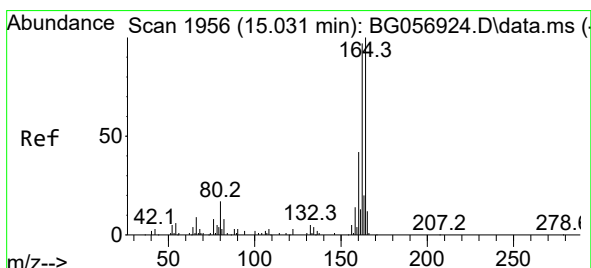
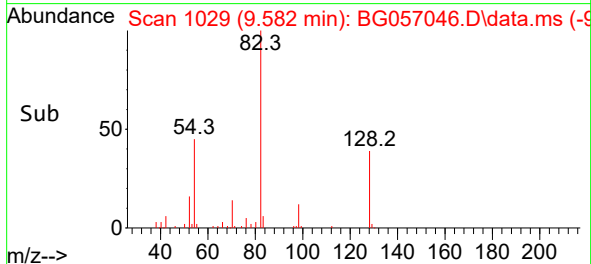
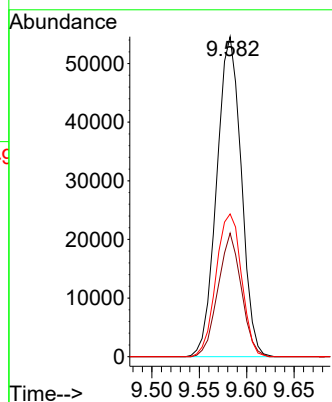
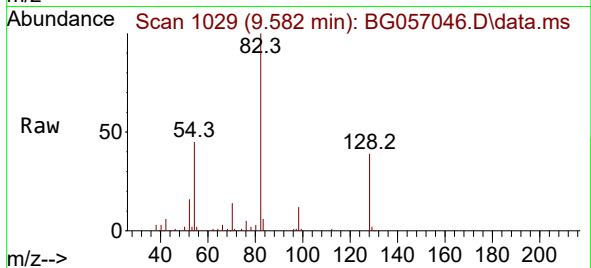
Tgt Ion: 82 Resp: 98205

Ion Ratio Lower Upper

82 100

128 38.6 27.9 41.9

54 44.6 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BG057046.D

Acq: 10 Apr 2023 15:31

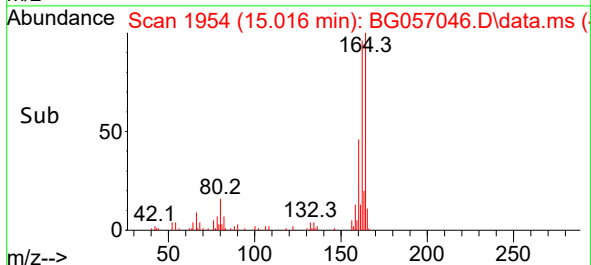
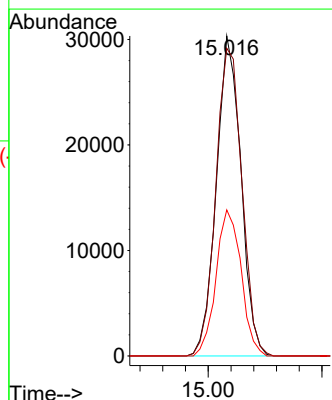
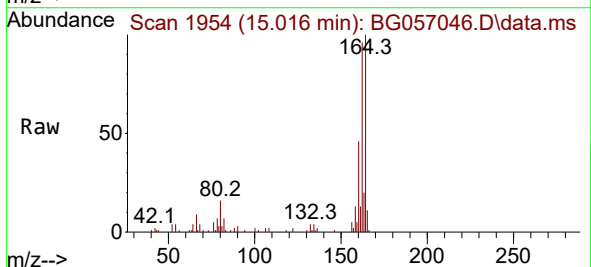
Tgt Ion:164 Resp: 45556

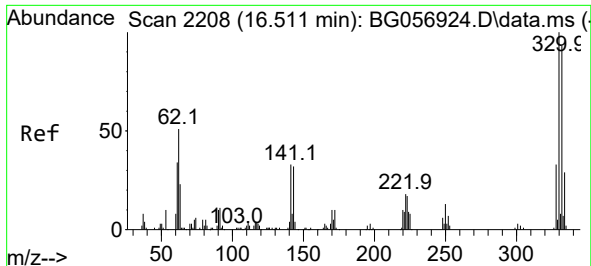
Ion Ratio Lower Upper

164 100

162 96.2 77.8 116.8

160 45.6 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 100.692 ng

RT: 16.497 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057046.D

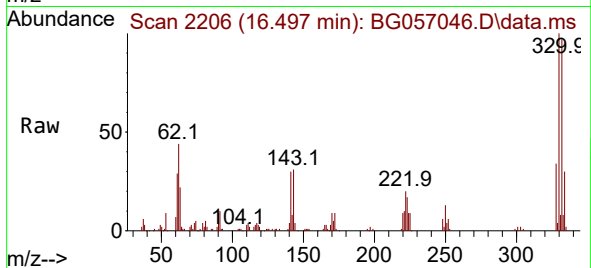
Acq: 10 Apr 2023 15:31

Instrument :

BNA_G

ClientSampleId :

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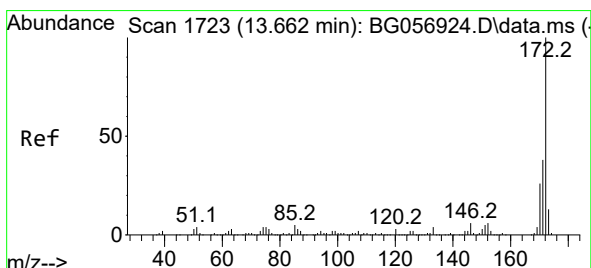
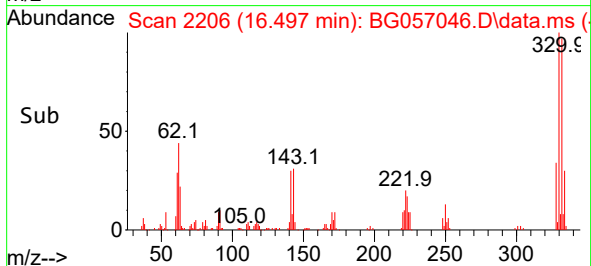
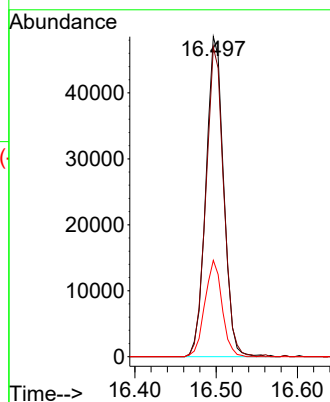
Tgt Ion:330 Resp: 73281

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

141 29.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 68.778 ng

RT: 13.647 min Scan# 1721

Delta R.T. -0.000 min

Lab File: BG057046.D

Acq: 10 Apr 2023 15:31

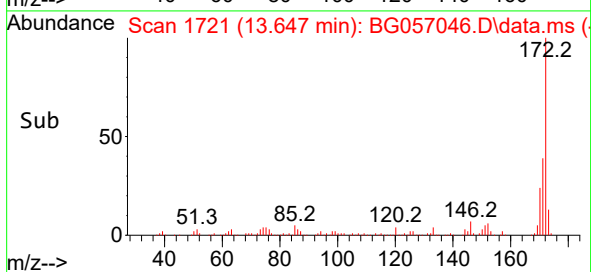
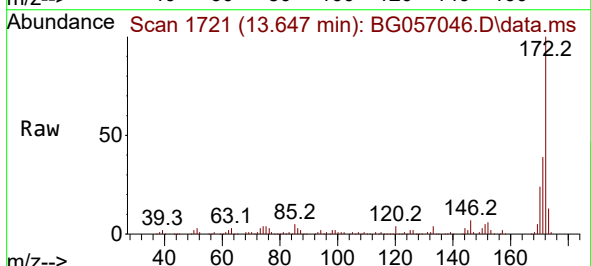
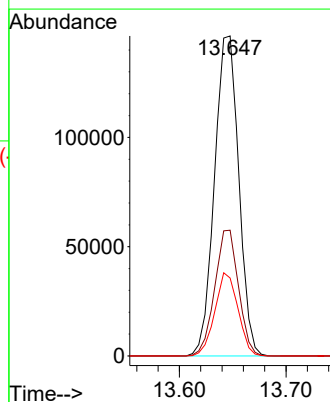
Tgt Ion:172 Resp: 231063

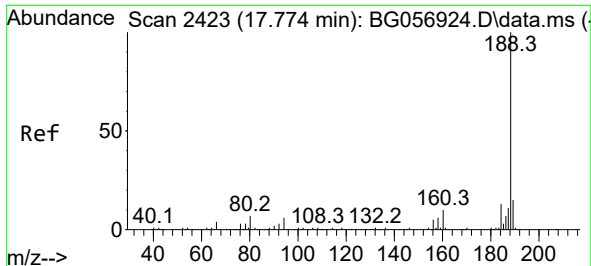
Ion Ratio Lower Upper

172 100

171 39.3 30.6 46.0

170 24.3 20.6 30.8

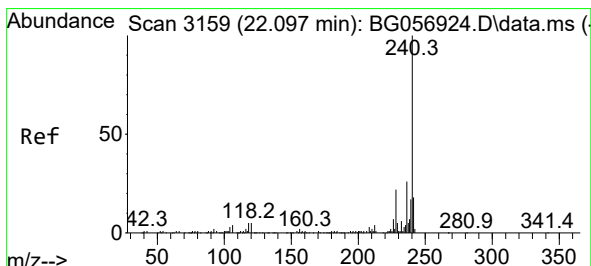
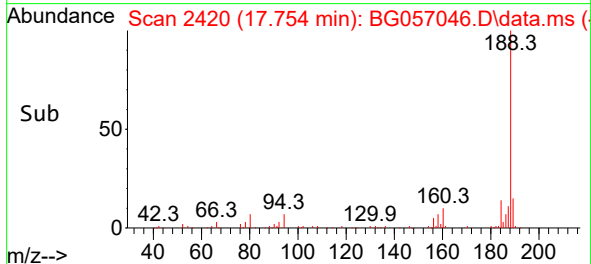
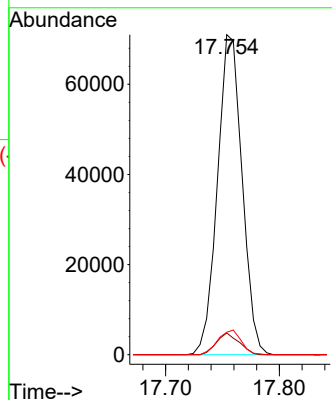
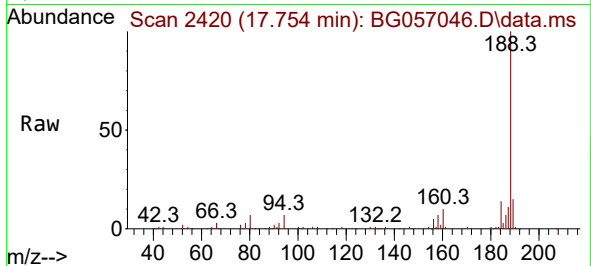




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

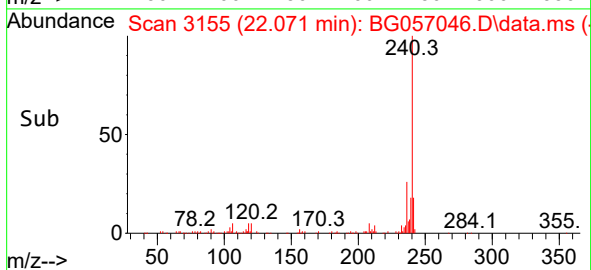
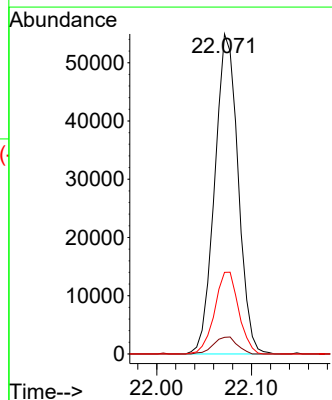
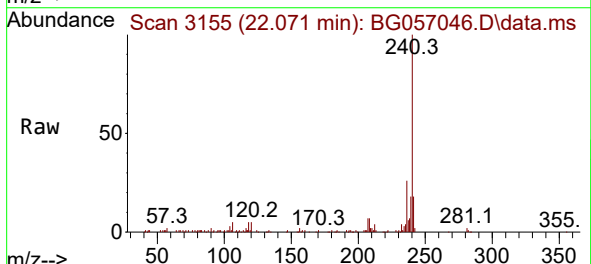
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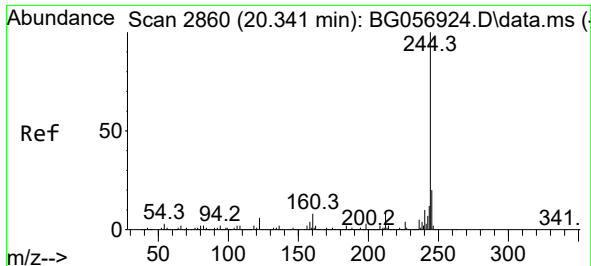
Tgt Ion:188 Resp: 107097
Ion Ratio Lower Upper
188 100
94 6.8 4.6 6.8
80 7.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG057046.D
Acq: 10 Apr 2023 15:31

Tgt Ion:240 Resp: 94056
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 25.5 21.0 31.6

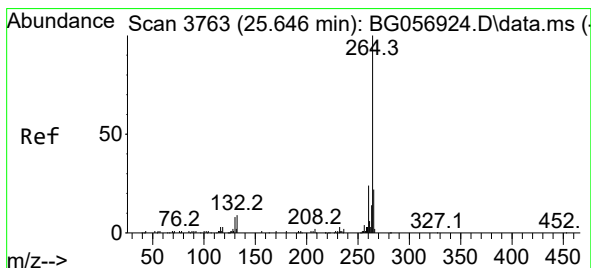
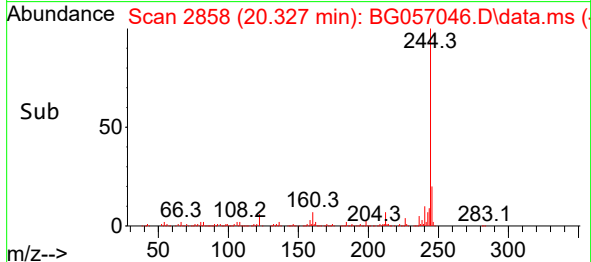
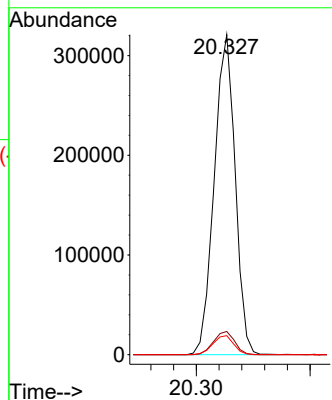
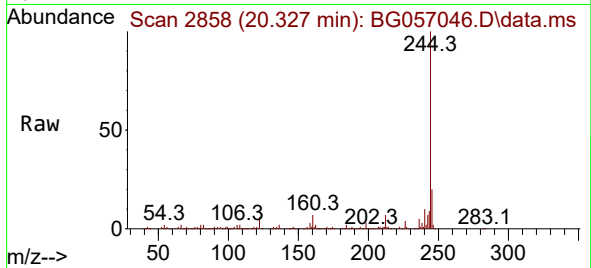




#79
 Terphenyl-d14
 Concen: 73.742 ng
 RT: 20.327 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057046.D
 Acq: 10 Apr 2023 15:31

Instrument :
 BNA_G
 ClientSampleId :
 OU3-FC-BACKFILL-05

Tgt Ion:244 Resp: 409885
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 3757
 Delta R.T. -0.024 min
 Lab File: BG057046.D
 Acq: 10 Apr 2023 15:31

Tgt Ion:264 Resp: 102051
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.2 17.8 26.6

