

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056587.D
 Acq On : 8 Feb 2023 18:37
 Operator : CG/JU
 Sample : 01445-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-29-020323

Quant Time: Feb 09 02:08:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	41259	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	153298	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	114605	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	268453	20.000	ng	0.00
76) Chrysene-d12	21.922	240	245389	20.000	ng	0.00
86) Perylene-d12	25.348	264	268839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	325786	145.255	ng	0.00
7) Phenol-d6	7.428	99	417157	125.530	ng	0.01
23) Nitrobenzene-d5	9.449	82	252915	93.685	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	218136	143.171	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	816916	98.826	ng	0.00
79) Terphenyl-d14	20.207	244	1419416	101.594	ng	0.00

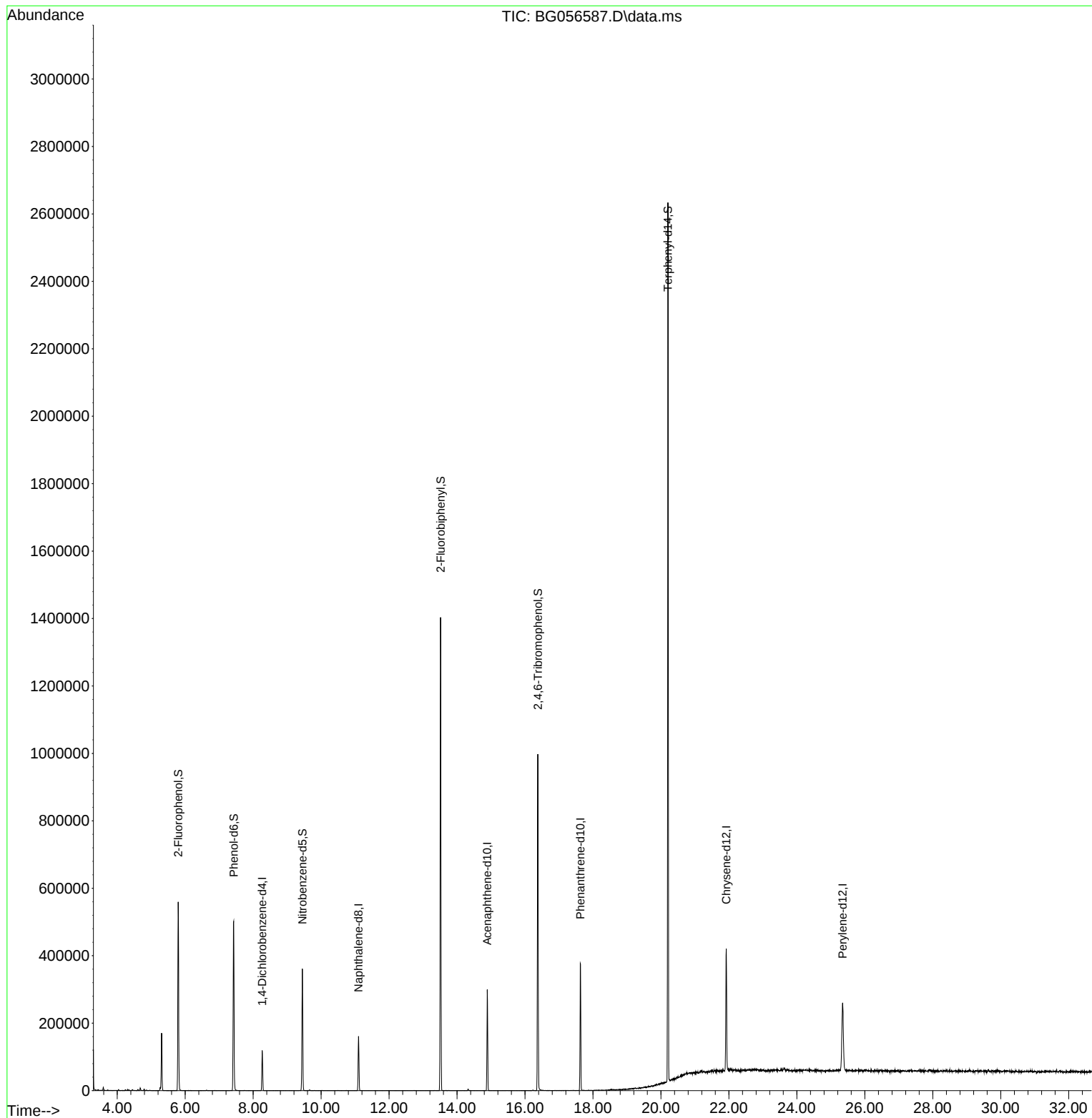
Target Compounds	Qvalue

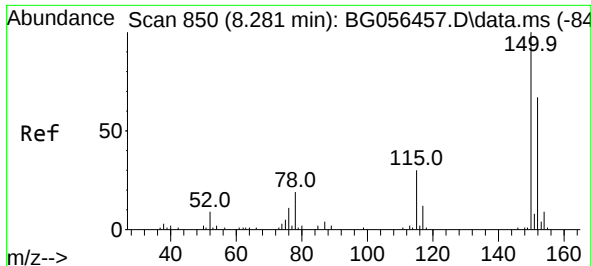
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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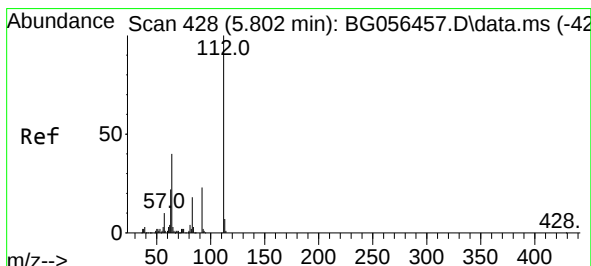
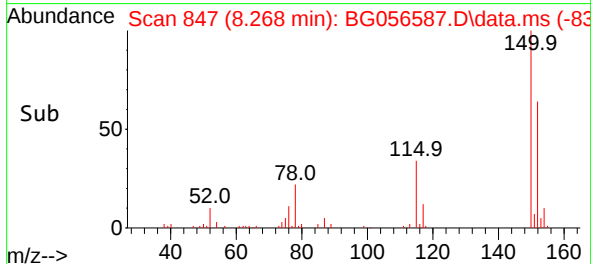
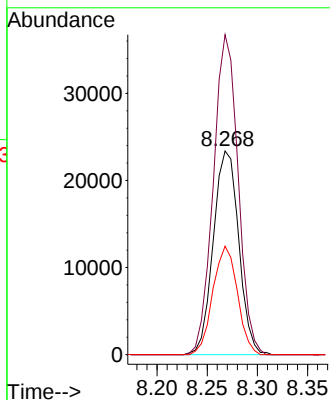
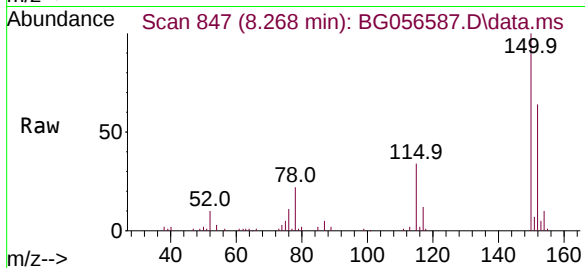




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

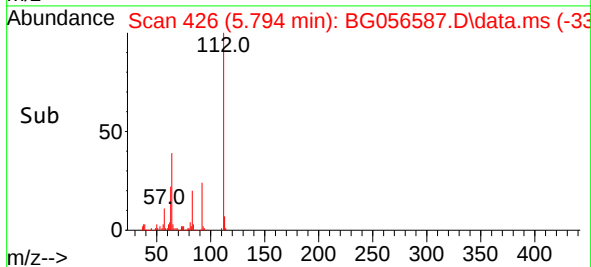
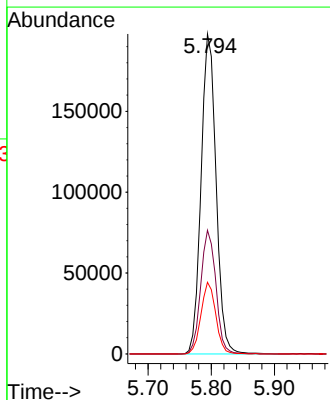
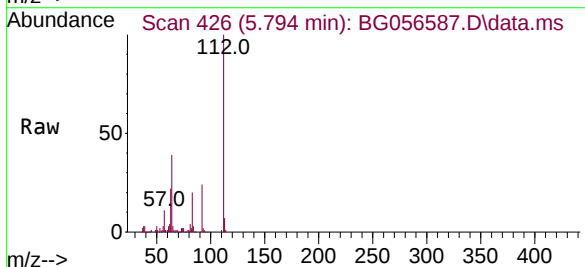
Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

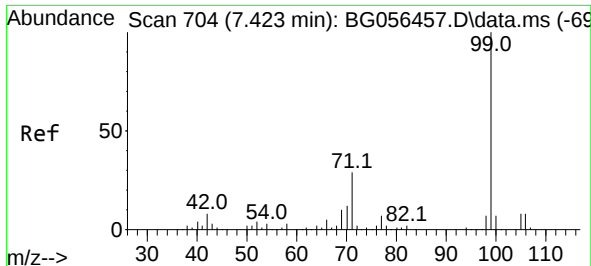
Tgt Ion:152 Resp: 41259
Ion Ratio Lower Upper
152 100
150 157.2 120.2 180.4
115 53.3 36.3 54.5



#5
2-Fluorophenol
Concen: 145.255 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.004 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:112 Resp: 325786
Ion Ratio Lower Upper
112 100
64 38.6 31.9 47.9
63 22.4 17.4 26.0

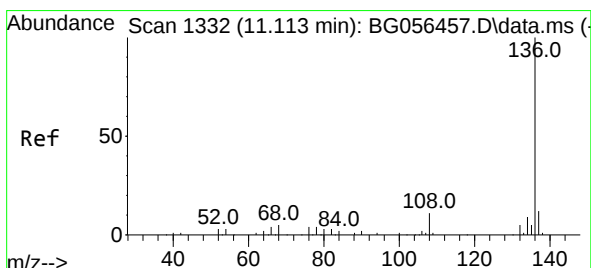
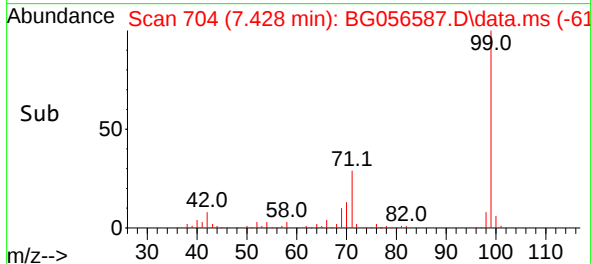
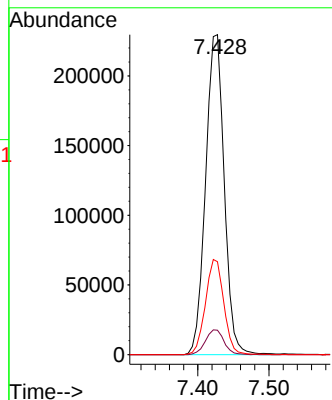
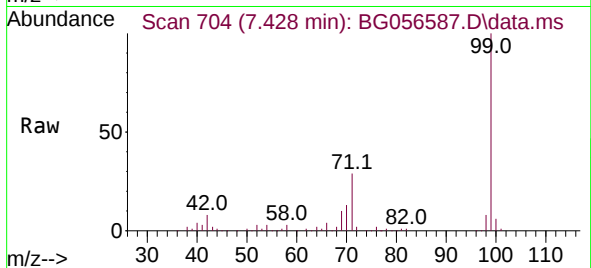




#7
Phenol-d6
Concen: 125.530 ng
RT: 7.428 min Scan# 704
Delta R.T. 0.010 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

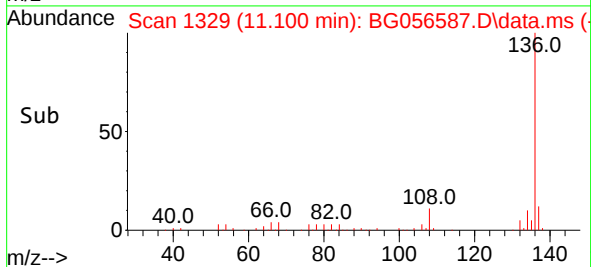
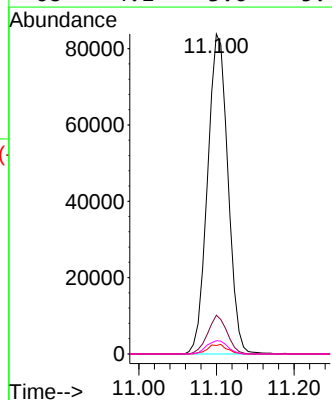
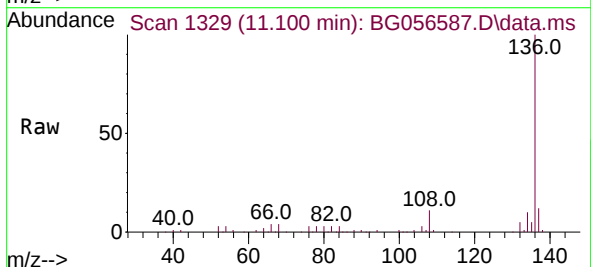
Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

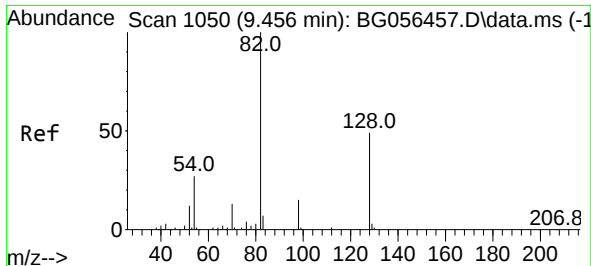
Tgt Ion: 99 Resp: 417157
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 29.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion: 136 Resp: 153298
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.6 2.2 3.4
68 4.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 93.685 ng

RT: 9.449 min Scan# 1048

Delta R.T. 0.004 min

Lab File: BG056587.D

Acq: 8 Feb 2023 18:37

Instrument :

BNA_G

ClientSampleId :

JPP-29-020323

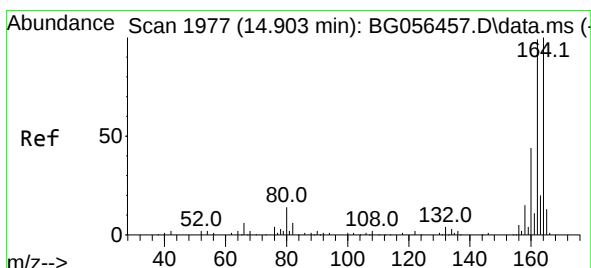
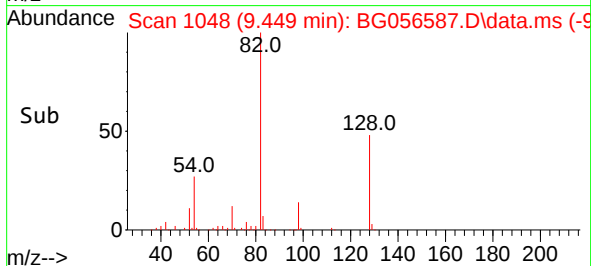
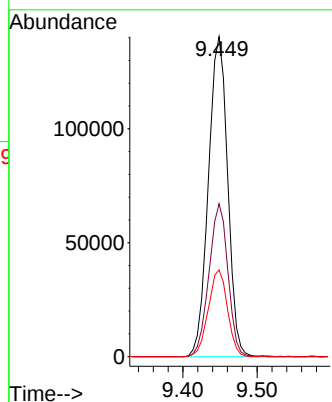
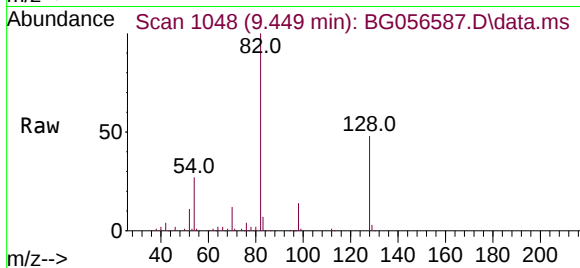
Tgt Ion: 82 Resp: 252915

Ion Ratio Lower Upper

82 100

128 47.8 39.4 59.2

54 27.1 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.002 min

Lab File: BG056587.D

Acq: 8 Feb 2023 18:37

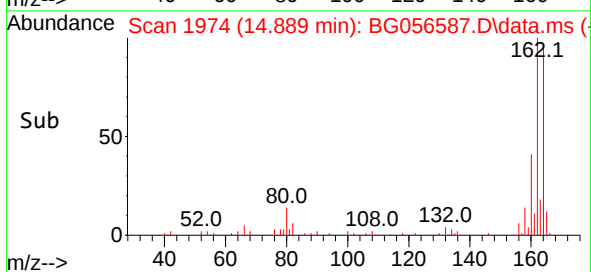
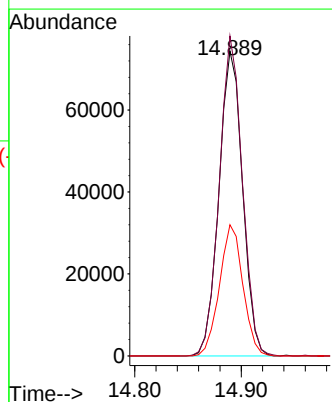
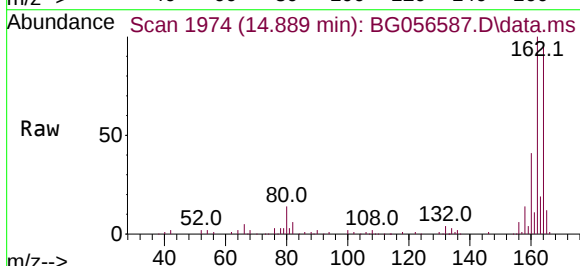
Tgt Ion: 164 Resp: 114605

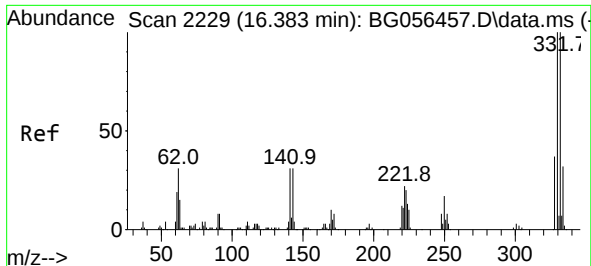
Ion Ratio Lower Upper

164 100

162 105.0 79.6 119.4

160 43.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 143.171 ng

RT: 16.376 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056587.D

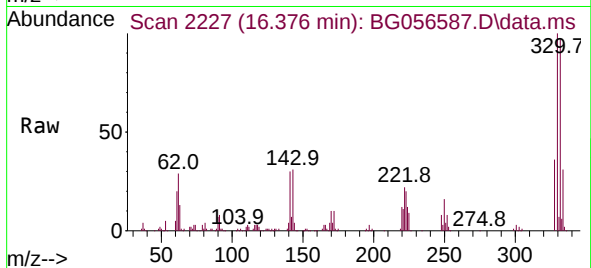
Acq: 8 Feb 2023 18:37

Instrument :

BNA_G

ClientSampleId :

JPP-29-020323



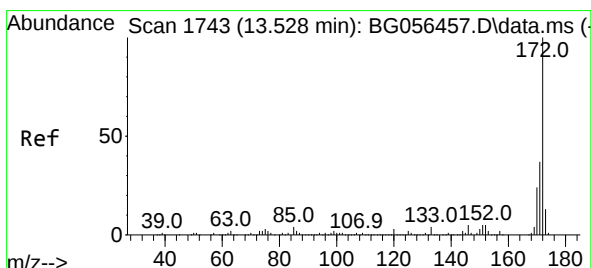
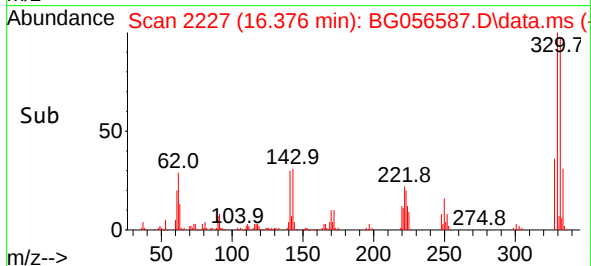
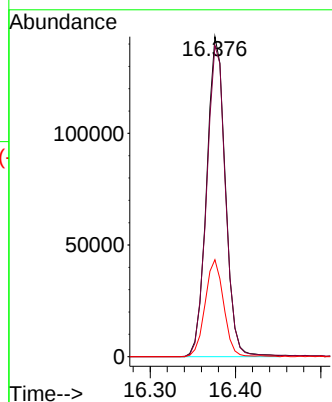
Tgt Ion:330 Resp: 218136

Ion Ratio Lower Upper

330 100

332 98.1 79.0 118.6

141 30.1 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 98.826 ng

RT: 13.515 min Scan# 1740

Delta R.T. -0.002 min

Lab File: BG056587.D

Acq: 8 Feb 2023 18:37

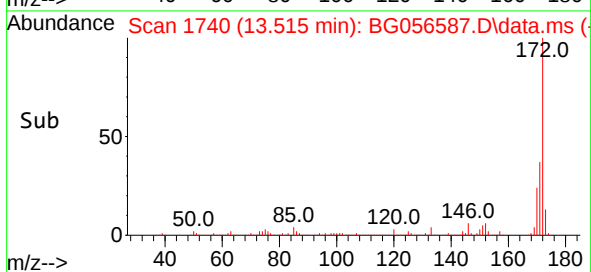
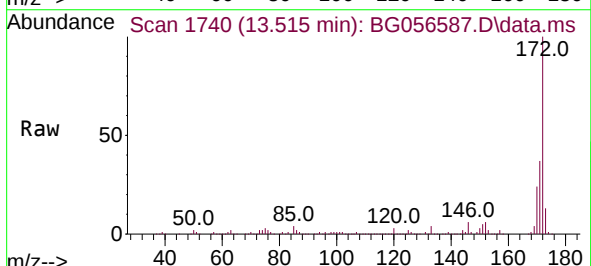
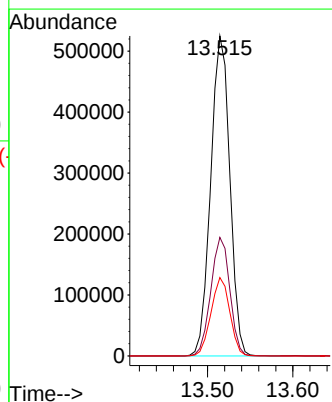
Tgt Ion:172 Resp: 816916

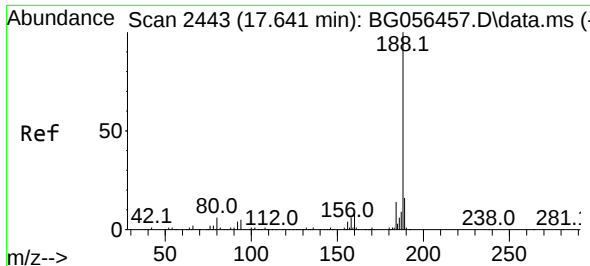
Ion Ratio Lower Upper

172 100

171 37.0 29.5 44.3

170 24.5 19.2 28.8

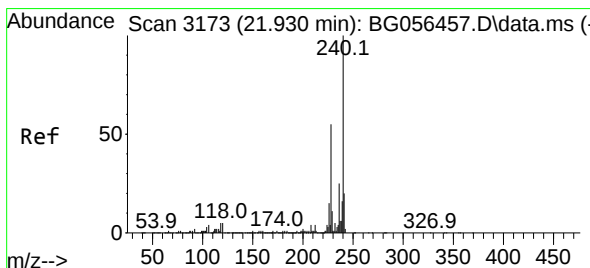
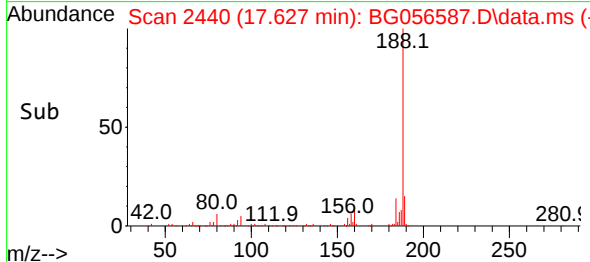
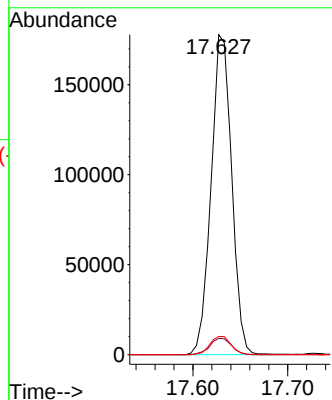
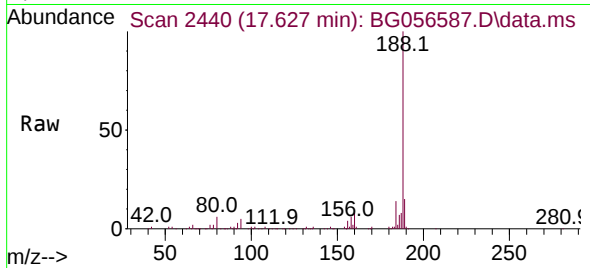




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2443
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

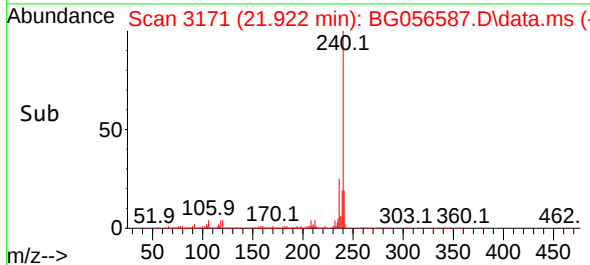
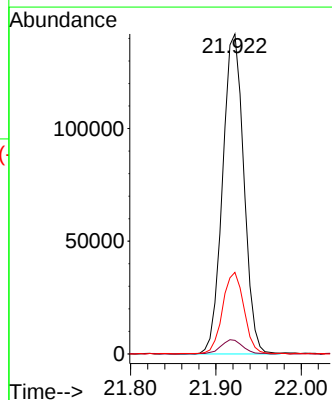
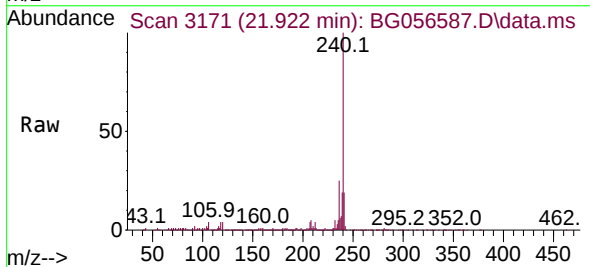
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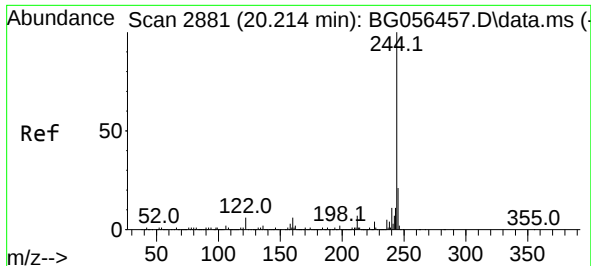
Tgt Ion:188 Resp: 268453
Ion Ratio Lower Upper
188 100
94 5.1 4.1 6.1
80 5.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:240 Resp: 245389
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.5 20.2 30.2

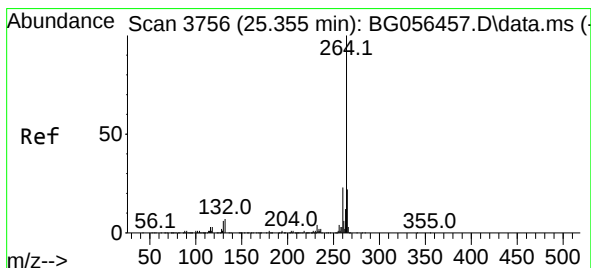
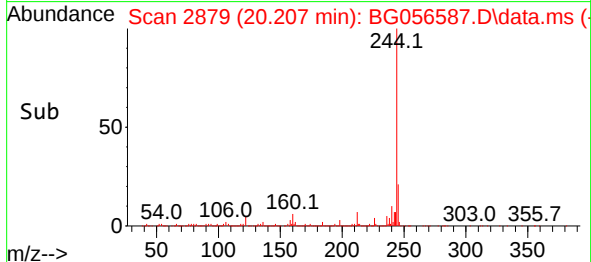
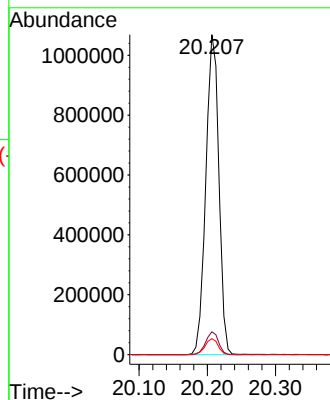
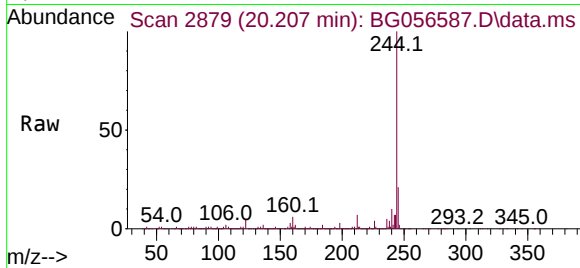




#79
 Terphenyl-d14
 Concen: 101.594 ng
 RT: 20.207 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056587.D
 Acq: 8 Feb 2023 18:37

Instrument :
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Tgt Ion:244 Resp: 1419416
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.0 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.348 min Scan# 3754
 Delta R.T. 0.010 min
 Lab File: BG056587.D
 Acq: 8 Feb 2023 18:37

Tgt Ion:264 Resp: 268839
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.2 18.1 27.1

