

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056468.D
 Acq On : 30 Jan 2023 10:45
 Operator : CG/JU
 Sample : PB150196BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150196BL

Quant Time: Jan 31 03:00:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	32077	20.000	ng	# 0.00
21) Naphthalene-d8	11.113	136	127074	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	103470	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	287561	20.000	ng	0.00
76) Chrysene-d12	21.924	240	304935	20.000	ng	0.00
86) Perylene-d12	25.344	264	326619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	280935	161.113	ng	0.00
7) Phenol-d6	7.423	99	384745	148.918	ng	0.00
23) Nitrobenzene-d5	9.456	82	198035	88.495	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	185278	134.692	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	663863	88.953	ng	0.00
79) Terphenyl-d14	20.214	244	1548894	89.213	ng	0.00

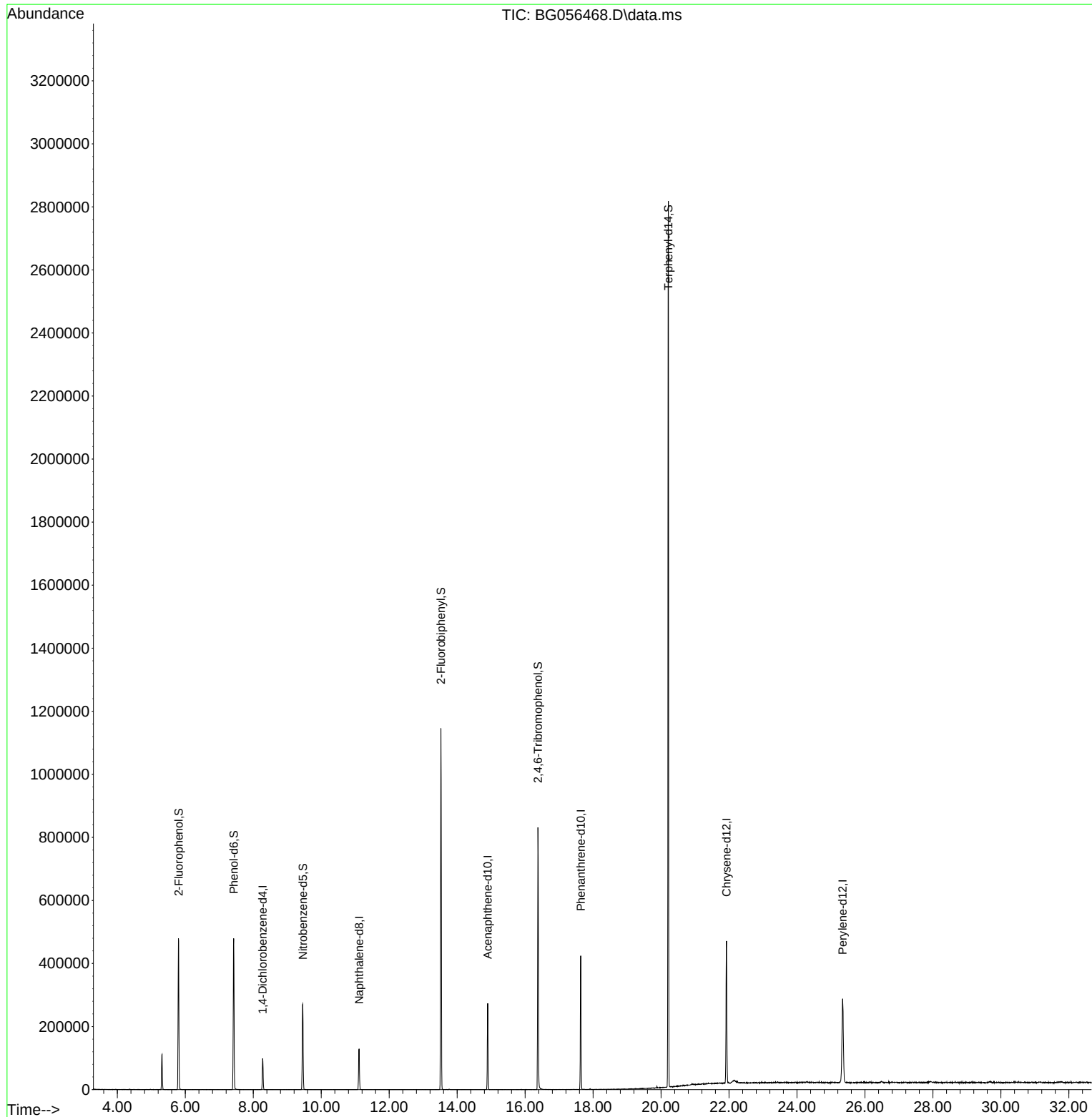
Target Compounds	Qvalue

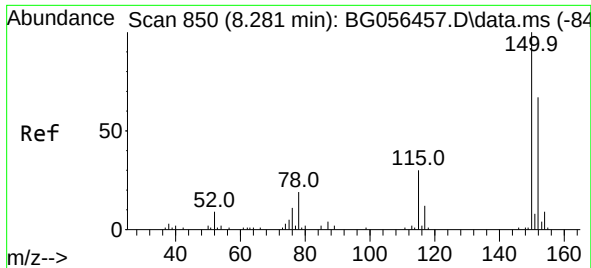
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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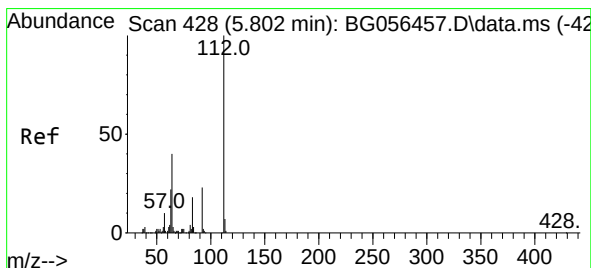
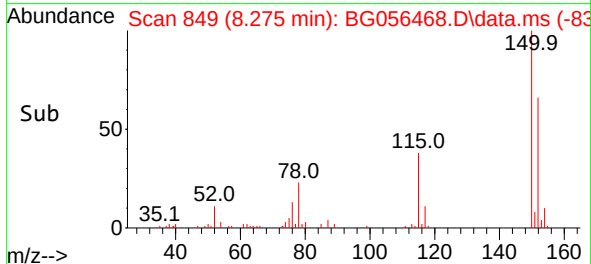
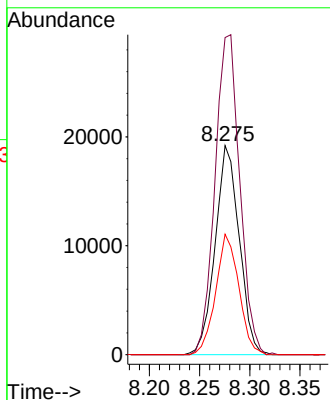
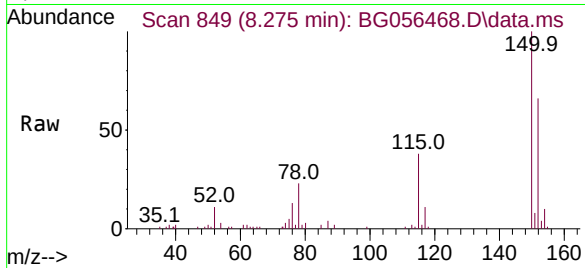




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

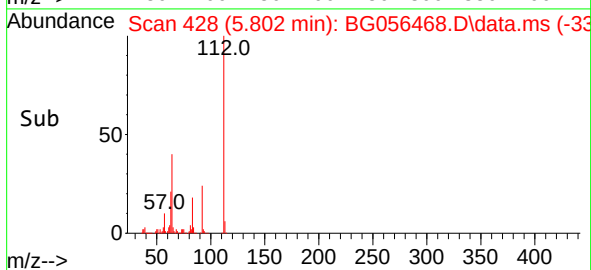
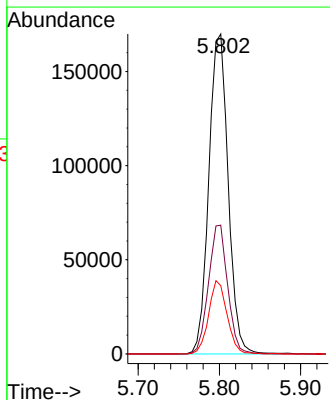
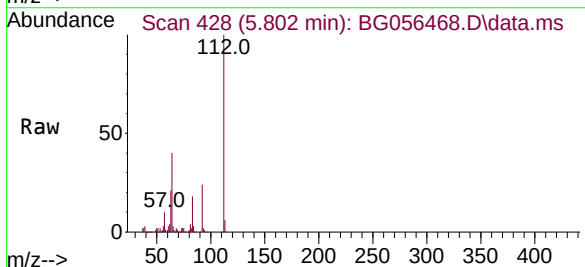
Instrument :
BNA_G
ClientSampleId :
PB150196BL

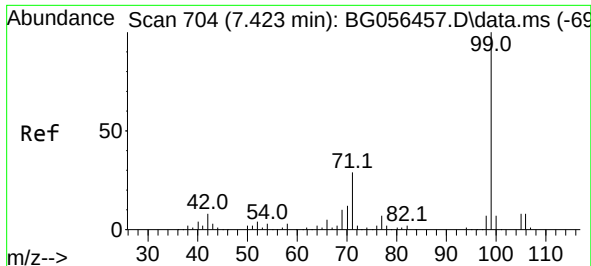
Tgt Ion:152 Resp: 32077
Ion Ratio Lower Upper
152 100
150 151.6 120.2 180.4
115 57.6 36.3 54.5#



#5
2-Fluorophenol
Concen: 161.113 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.000 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

Tgt Ion:112 Resp: 280935
Ion Ratio Lower Upper
112 100
64 40.2 31.9 47.9
63 21.3 17.4 26.0

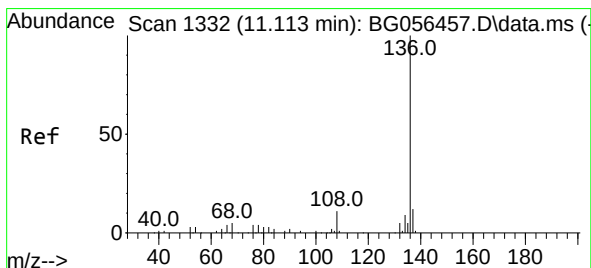
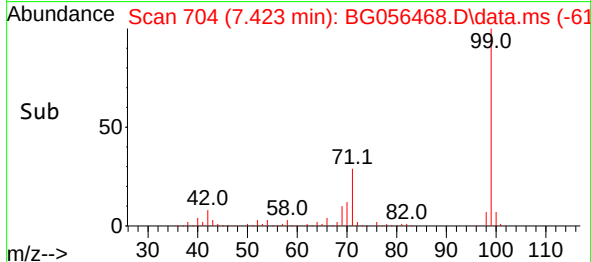
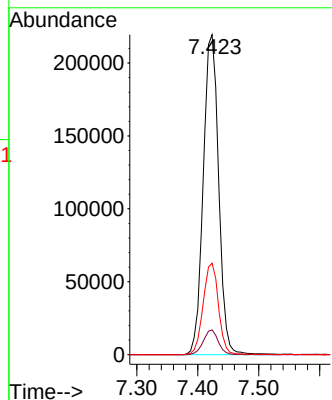
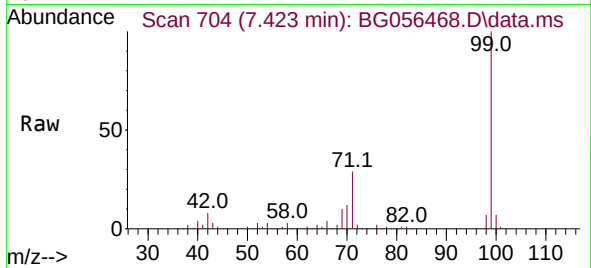




#7
Phenol-d6
Concen: 148.918 ng
RT: 7.423 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

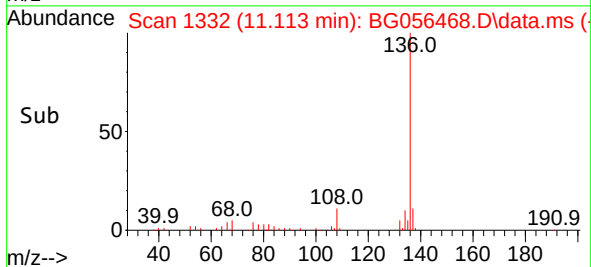
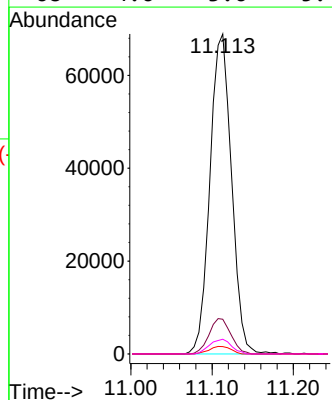
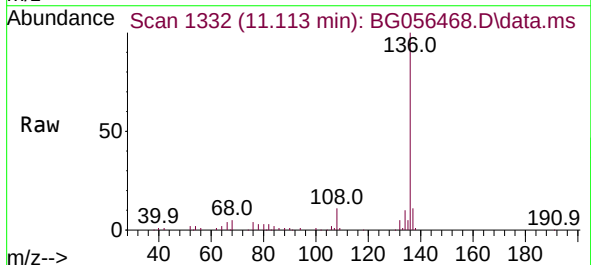
Instrument :
BNA_G
ClientSampleId :
PB150196BL

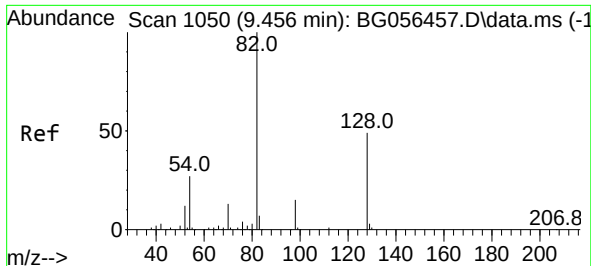
Tgt Ion: 99 Resp: 384745
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 28.6 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.113 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

Tgt Ion: 136 Resp: 127074
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.3 2.2 3.4
68 4.6 3.6 5.4

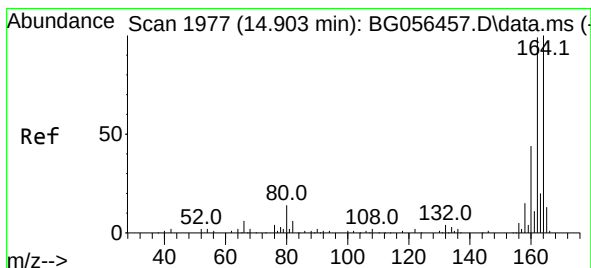
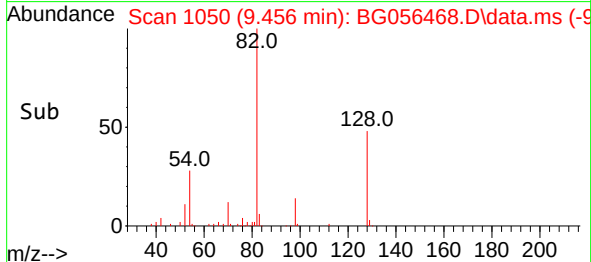
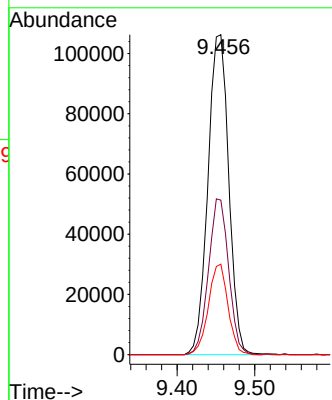
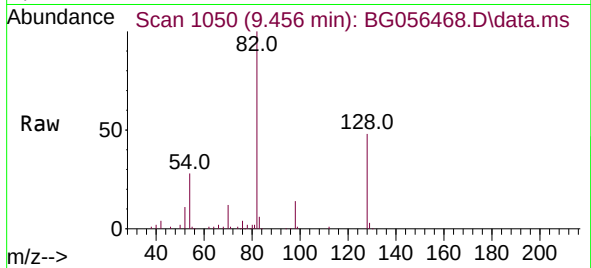




#23
Nitrobenzene-d5
Concen: 88.495 ng
RT: 9.456 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

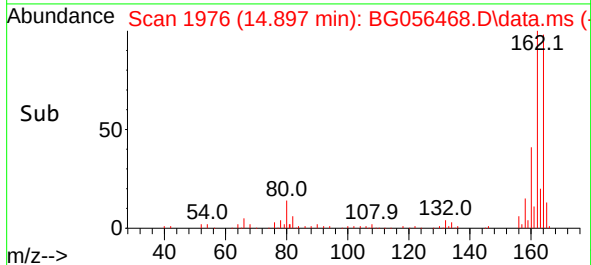
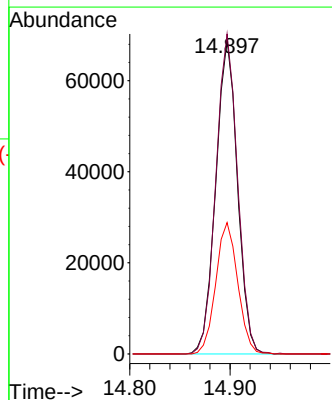
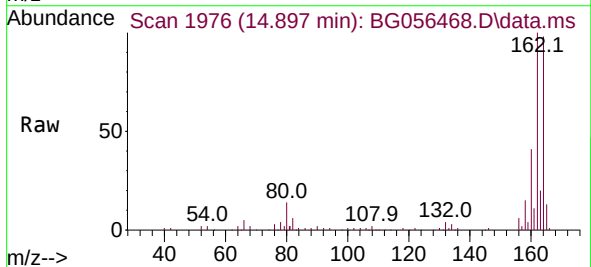
Instrument :
BNA_G
ClientSampleId :
PB150196BL

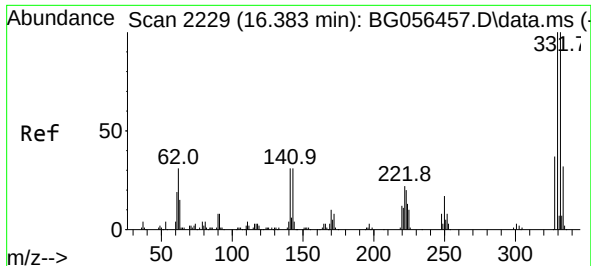
Tgt Ion: 82 Resp: 198035
Ion Ratio Lower Upper
82 100
128 48.3 39.4 59.2
54 28.3 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

Tgt Ion:164 Resp: 103470
Ion Ratio Lower Upper
164 100
162 101.9 79.6 119.4
160 41.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.692 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056468.D

Acq: 30 Jan 2023 10:45

Instrument :

BNA_G

ClientSampleId :

PB150196BL

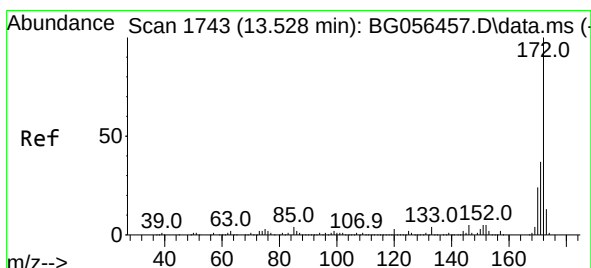
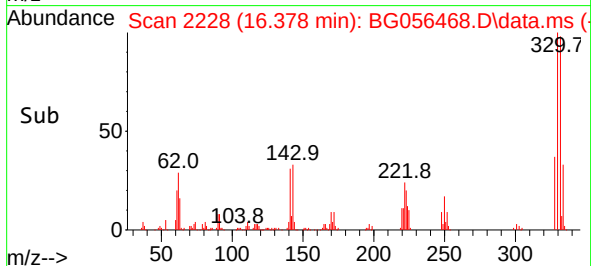
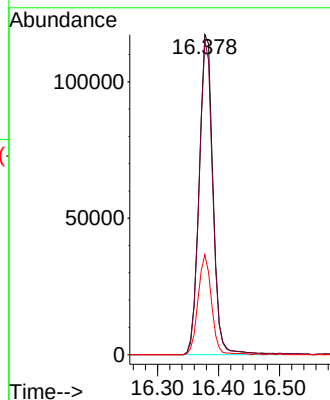
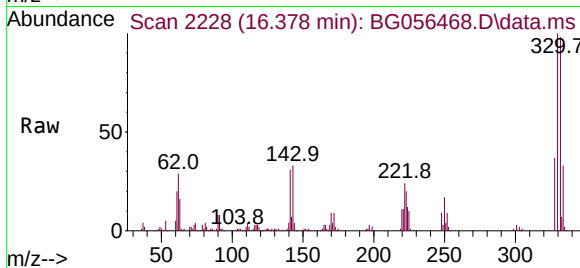
Tgt Ion:330 Resp: 185278

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.6

141 30.1 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 88.953 ng

RT: 13.522 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BG056468.D

Acq: 30 Jan 2023 10:45

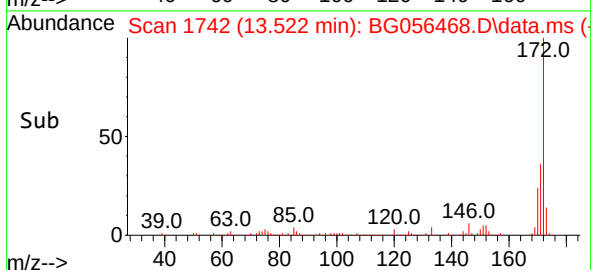
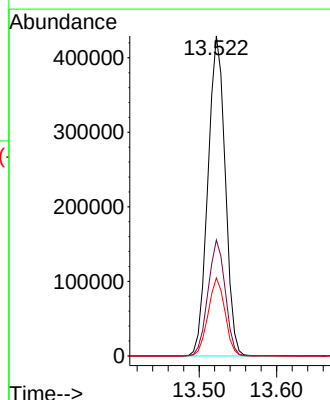
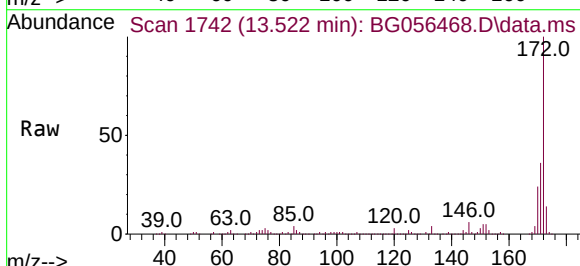
Tgt Ion:172 Resp: 663863

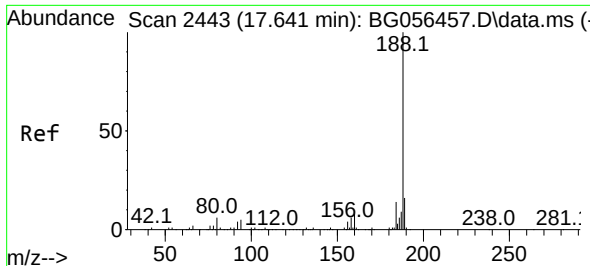
Ion Ratio Lower Upper

172 100

171 36.2 29.5 44.3

170 24.4 19.2 28.8

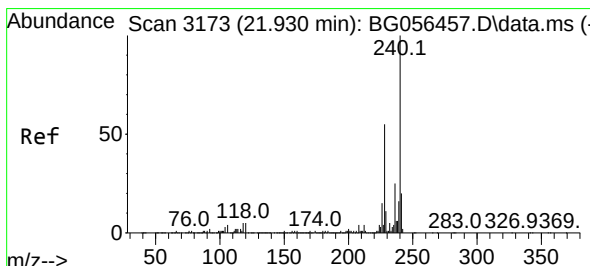
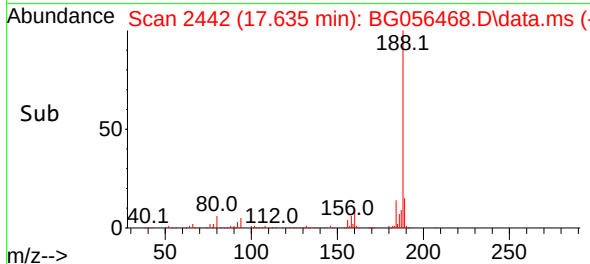
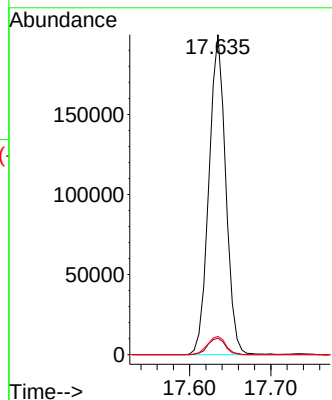
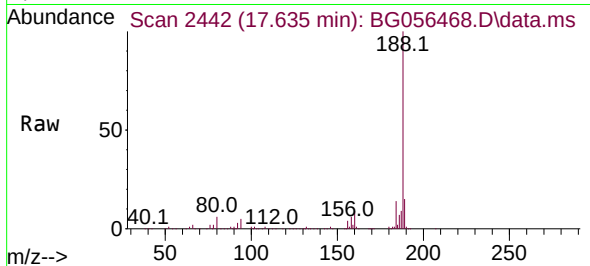




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

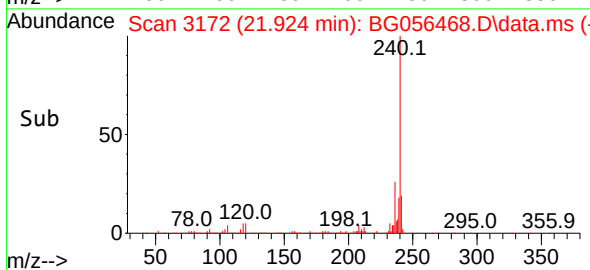
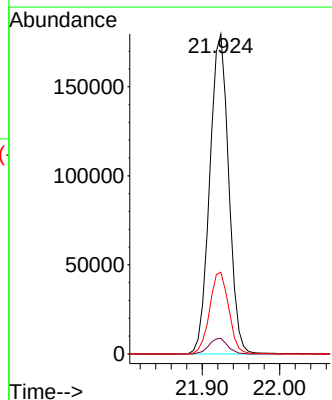
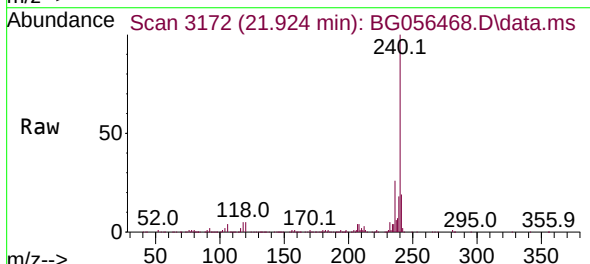
Instrument :
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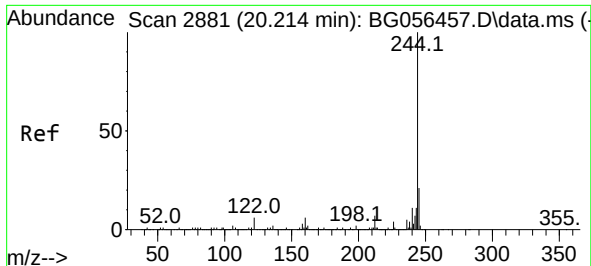
Tgt Ion:188 Resp: 287561
Ion Ratio Lower Upper
188 100
94 5.1 4.1 6.1
80 5.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG056468.D
Acq: 30 Jan 2023 10:45

Tgt Ion:240 Resp: 304935
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.8
236 25.5 20.2 30.2

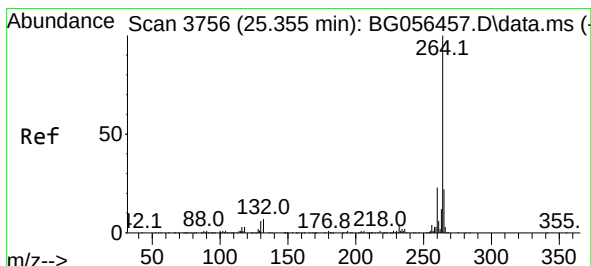
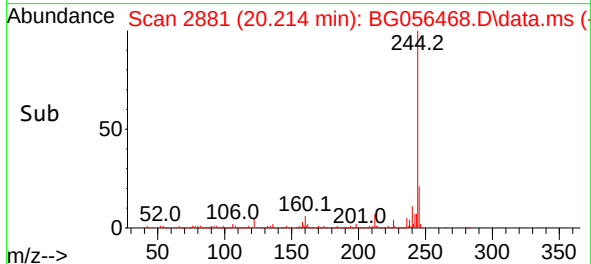
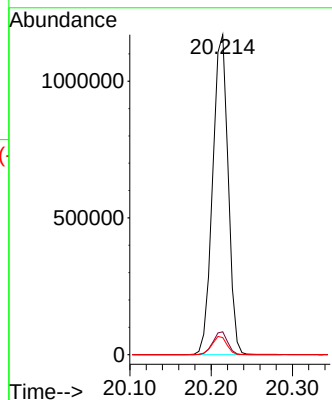
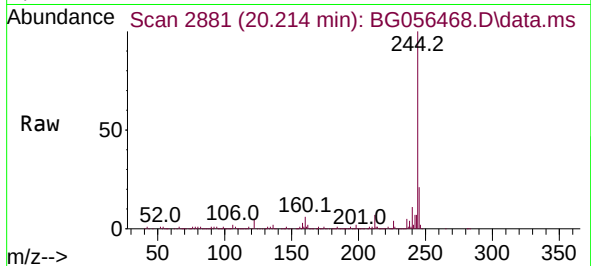




#79
 Terphenyl-d14
 Concen: 89.213 ng
 RT: 20.214 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG056468.D
 Acq: 30 Jan 2023 10:45

Instrument :
 BNA_G
 ClientSampleId :
 PB150196BL

Tgt Ion:244 Resp: 1548894
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BG056468.D
 Acq: 30 Jan 2023 10:45

Tgt Ion:264 Resp: 326619
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.4
 265 20.6 18.1 27.1

