

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055362.D
 Acq On : 29 Oct 2022 12:39
 Operator : CG/JU
 Sample : N5273-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Quant Time: Oct 31 02:43:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	30888	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	123824	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	79914	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	182780	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	189460	20.000	ng	# 0.00
86) Perylene-d12	25.274	264	201732	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	256106	145.181	ng	0.00
7) Phenol-d6	7.412	99	308479	120.702	ng	0.00
23) Nitrobenzene-d5	9.439	82	214561	88.482	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	162536	187.095	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	490587	100.479	ng	-0.01
79) Terphenyl-d14	20.180	244	893485	97.983	ng	0.00

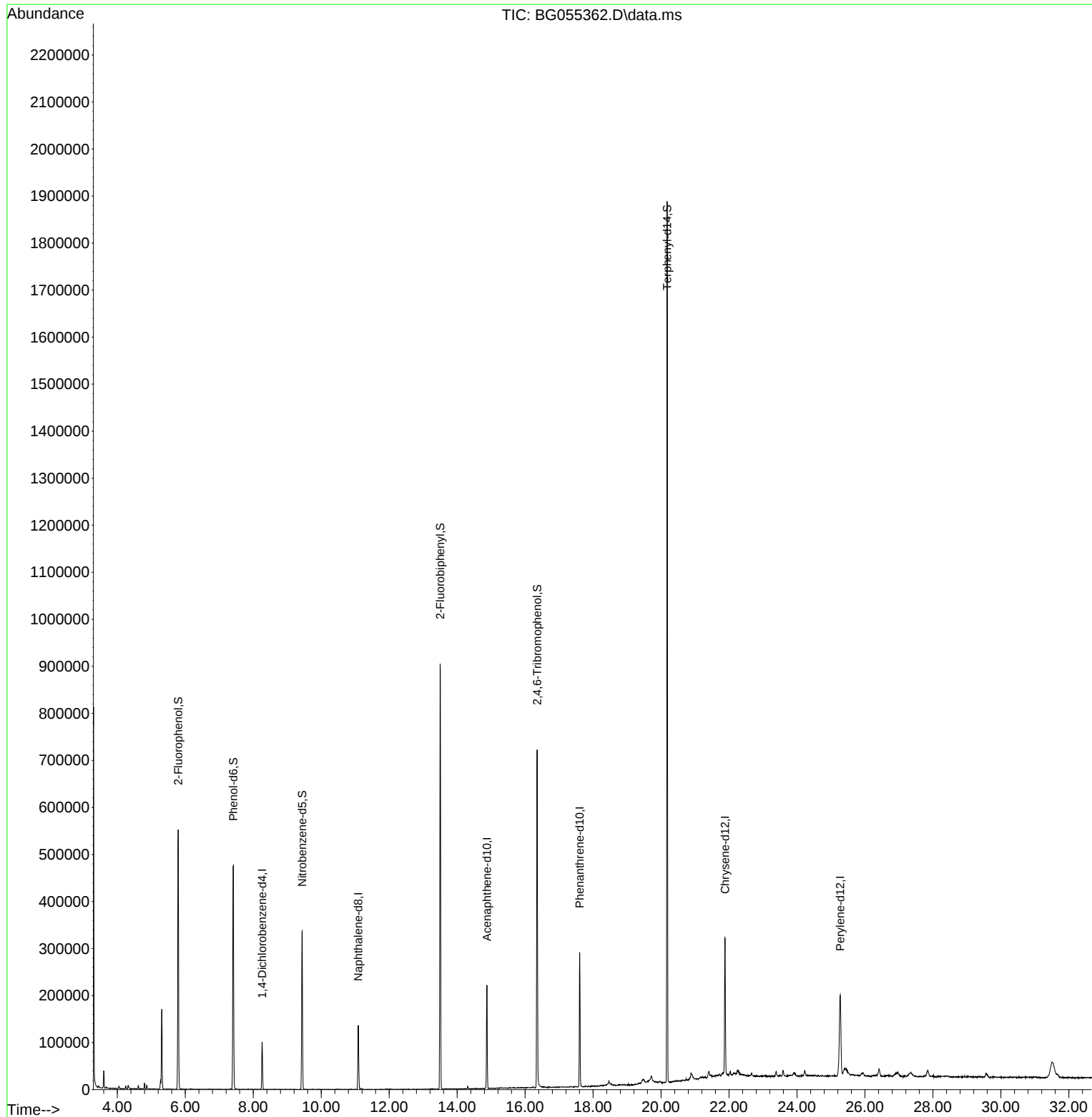
Target Compounds Qvalue

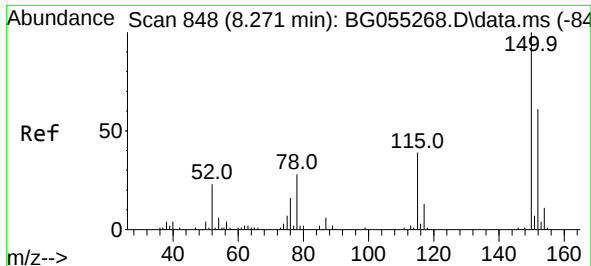
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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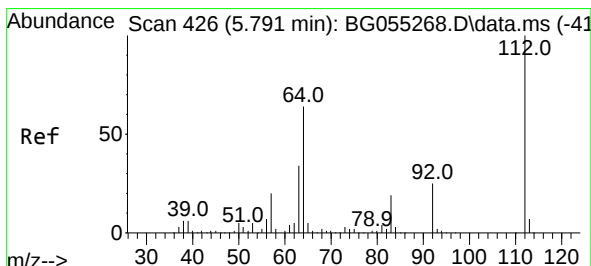
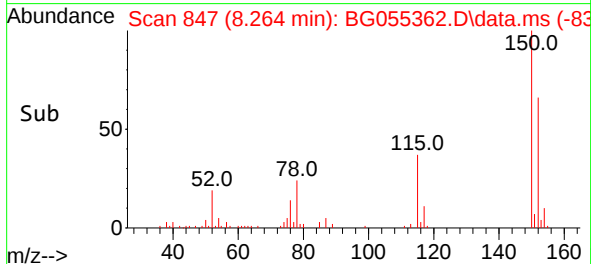
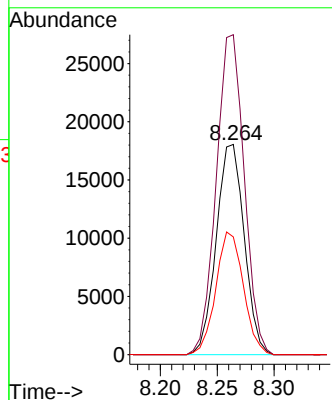
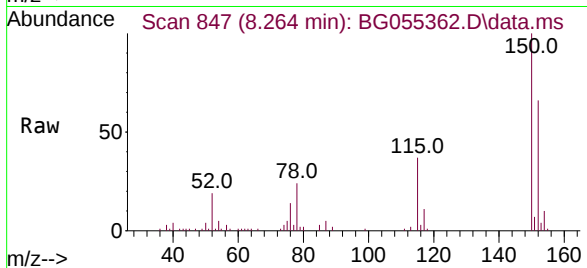




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

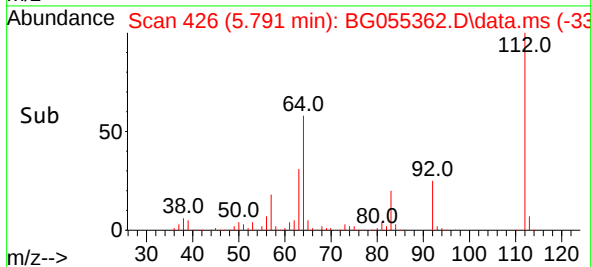
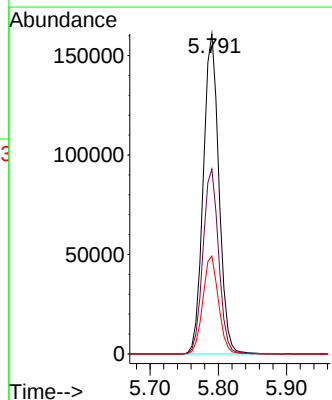
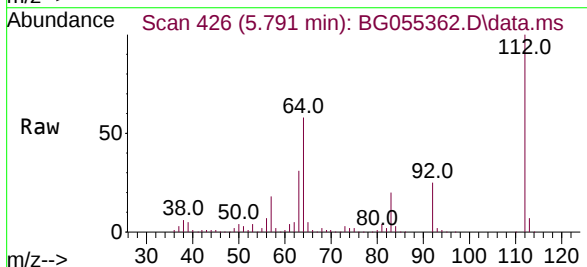
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

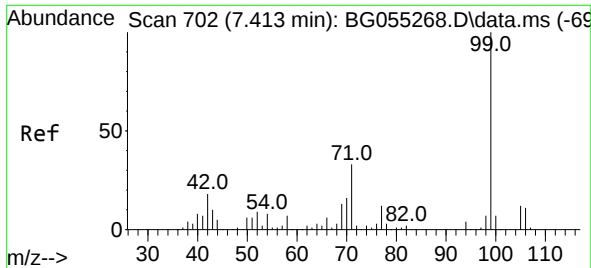
Tgt Ion:152 Resp: 30888
Ion Ratio Lower Upper
152 100
150 152.2 118.2 177.4
115 56.0 44.5 66.7



#5
2-Fluorophenol
Concen: 145.181 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

Tgt Ion:112 Resp: 256106
Ion Ratio Lower Upper
112 100
64 57.7 52.6 78.8
63 30.6 27.1 40.7

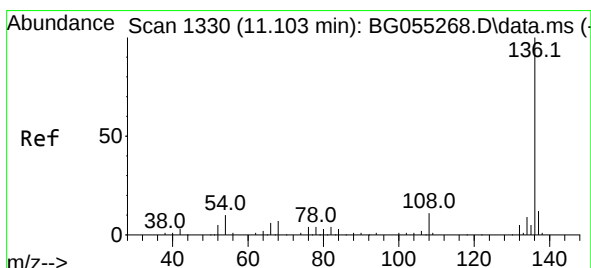
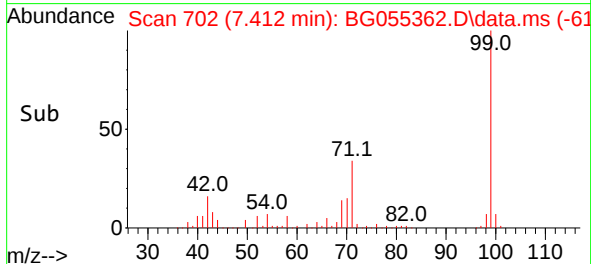
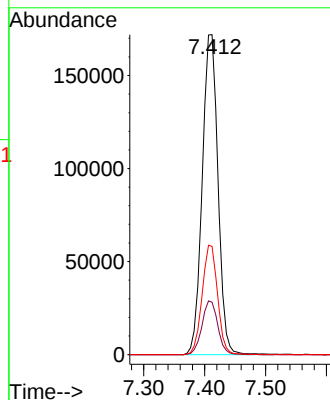
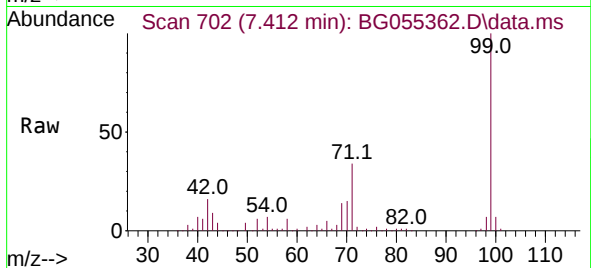




#7
Phenol-d6
Concen: 120.702 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

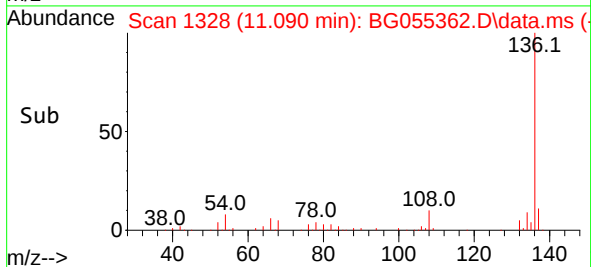
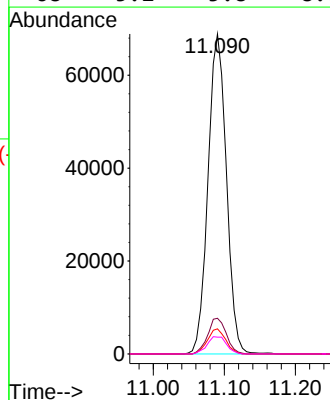
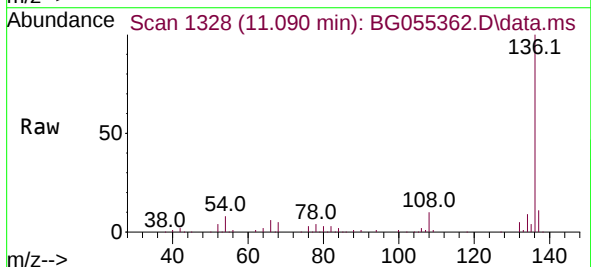
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

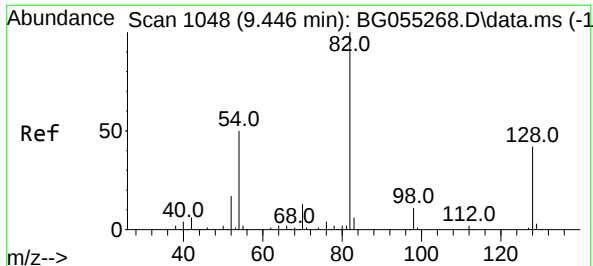
Tgt Ion: 99 Resp: 308479
Ion Ratio Lower Upper
99 100
42 16.4 15.2 22.8
71 33.8 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

Tgt Ion:136 Resp: 123824
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.8 7.8 11.8#
68 5.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 88.482 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG055362.D

Acq: 29 Oct 2022 12:39

Instrument :

BNA_G

ClientSampleId :

LIDEN-GAS-PIPELINE

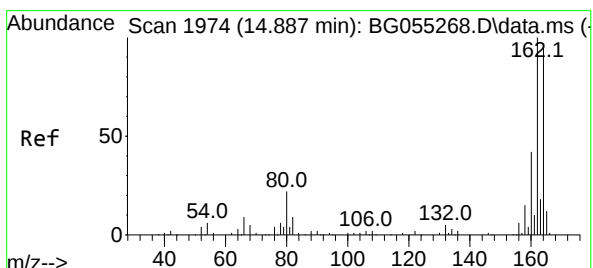
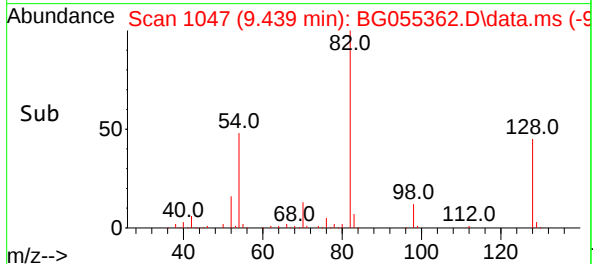
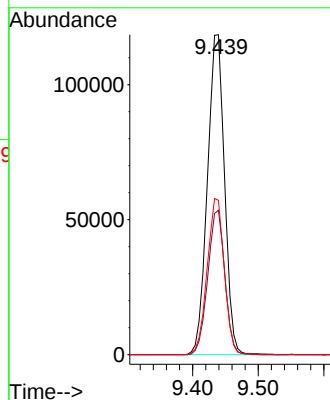
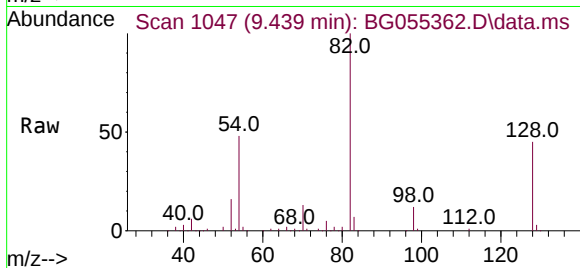
Tgt Ion: 82 Resp: 214561

Ion Ratio Lower Upper

82 100

128 45.1 32.0 48.0

54 48.2 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055362.D

Acq: 29 Oct 2022 12:39

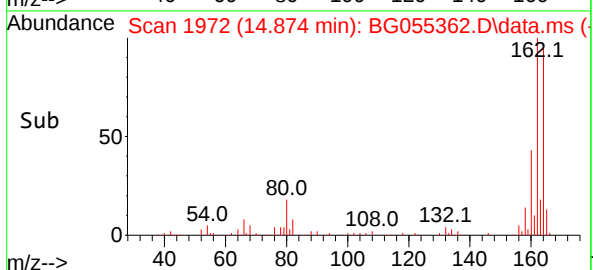
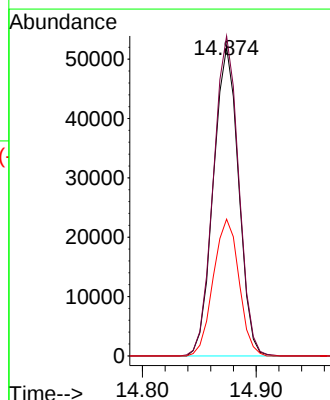
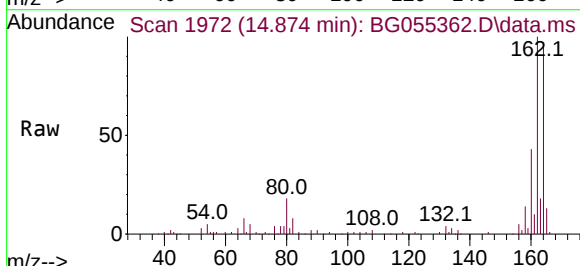
Tgt Ion:164 Resp: 79914

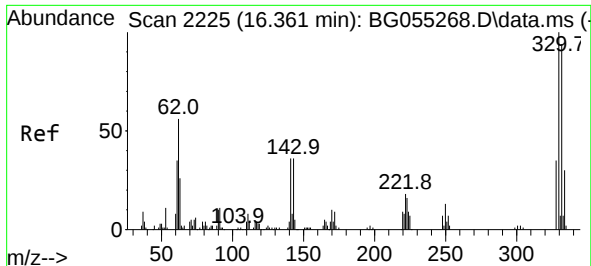
Ion Ratio Lower Upper

164 100

162 103.6 84.0 126.0

160 44.3 36.7 55.1

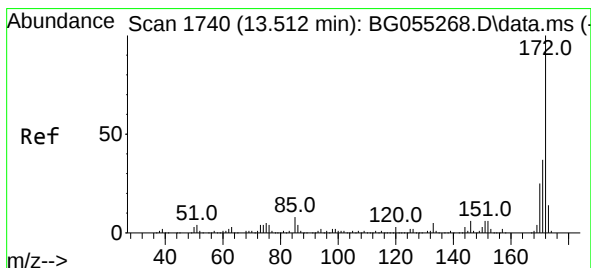
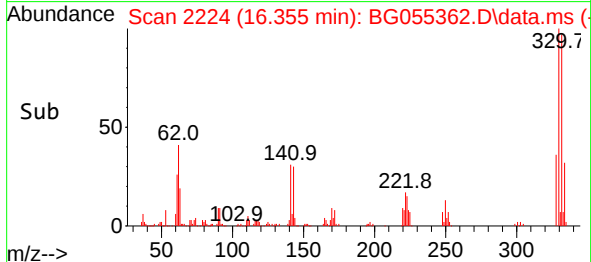
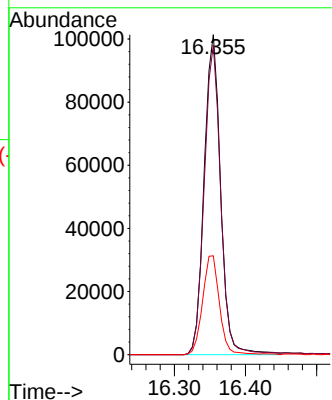
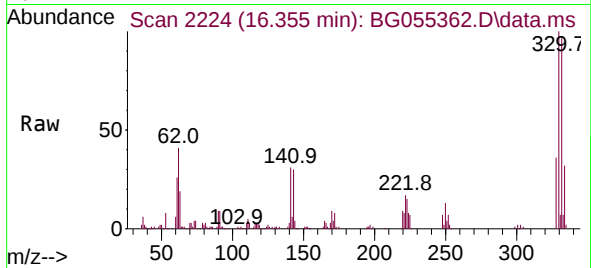




#42
2,4,6-Tribromophenol
Concen: 187.095 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

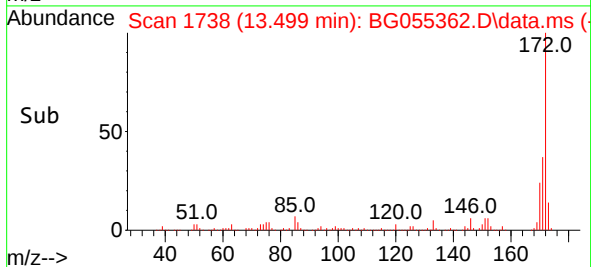
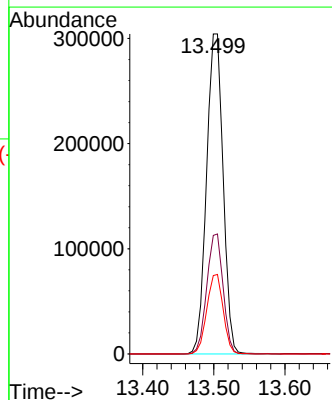
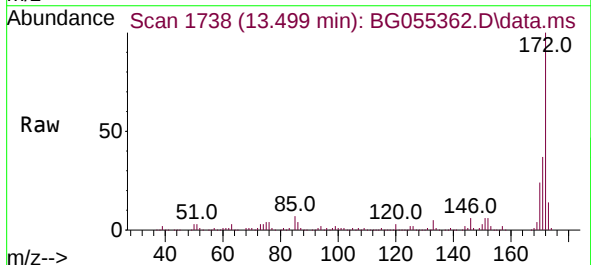
Instrument :
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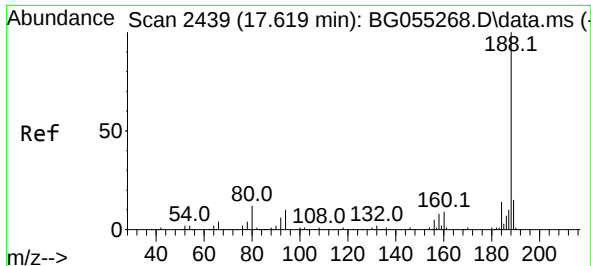
Tgt Ion:330 Resp: 162536
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 31.5 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 100.479 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

Tgt Ion:172 Resp: 490587
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.5 20.2 30.2

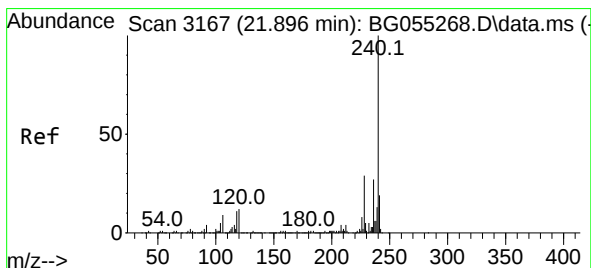
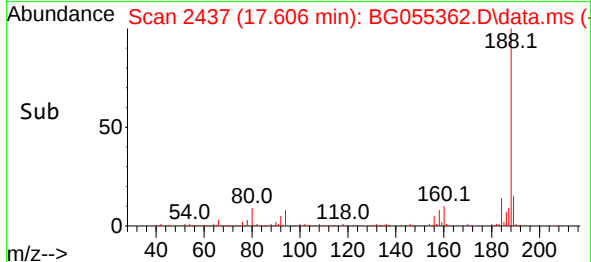
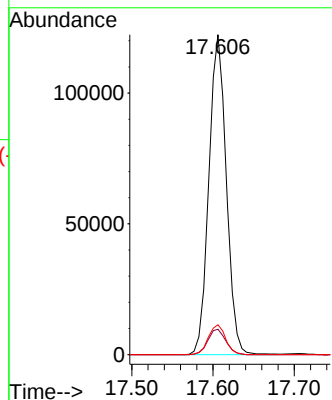
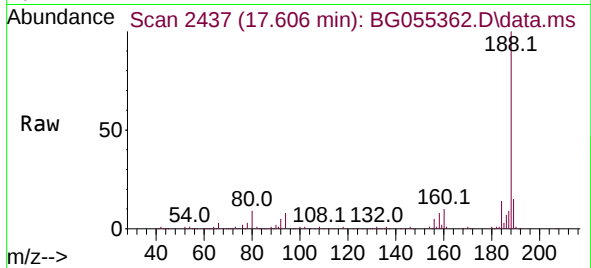




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

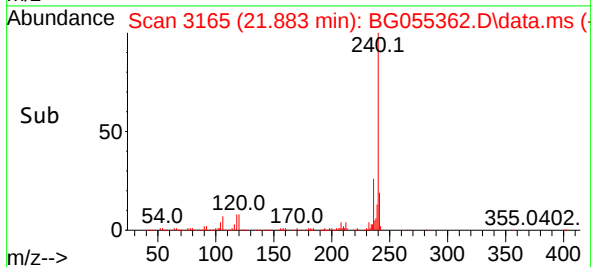
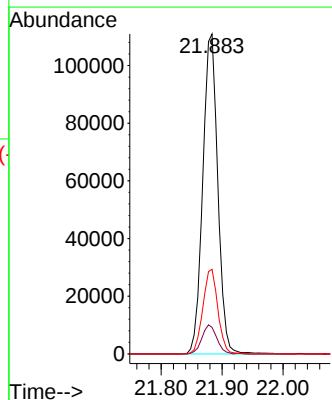
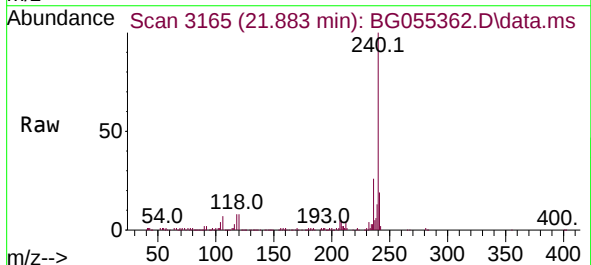
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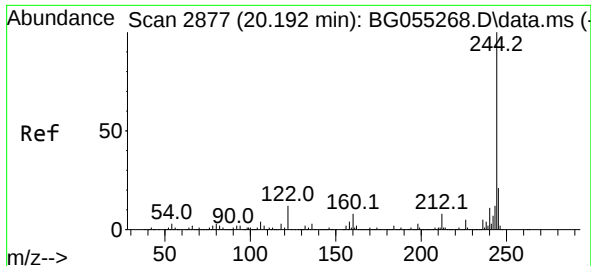
Tgt Ion:188 Resp: 182780
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.4#
80 9.3 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055362.D
Acq: 29 Oct 2022 12:39

Tgt Ion:240 Resp: 189460
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 26.4 21.0 31.4

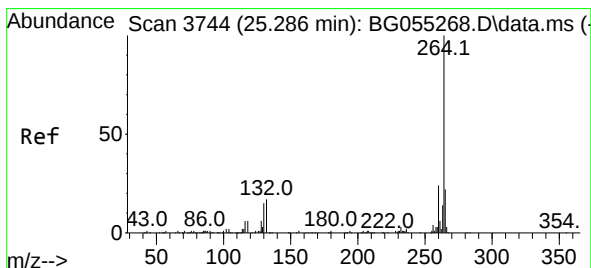
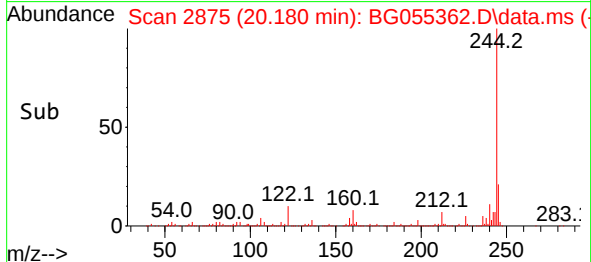
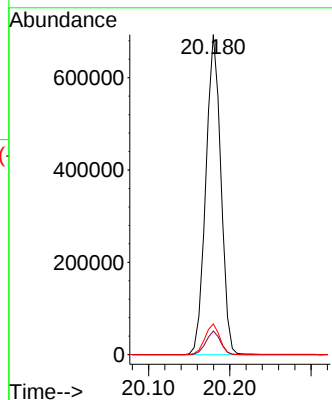
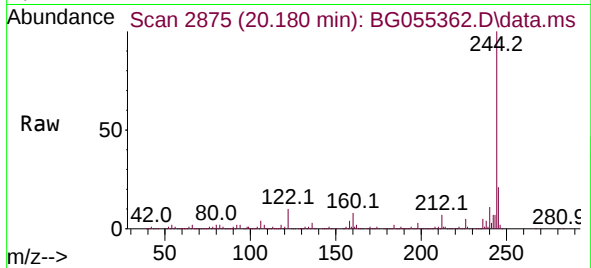




#79
 Terphenyl-d14
 Concen: 97.983 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.007 min
 Lab File: BG055362.D
 Acq: 29 Oct 2022 12:39

Instrument :
 BNA_G
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Tgt Ion:244 Resp: 893485
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.6 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055362.D
 Acq: 29 Oct 2022 12:39

Tgt Ion:264 Resp: 201732
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.0 17.4 26.2

