

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055387.D
 Acq On : 31 Oct 2022 20:36
 Operator : CG/JU
 Sample : N5332-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-WC

Quant Time: Nov 01 06:50:37 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)

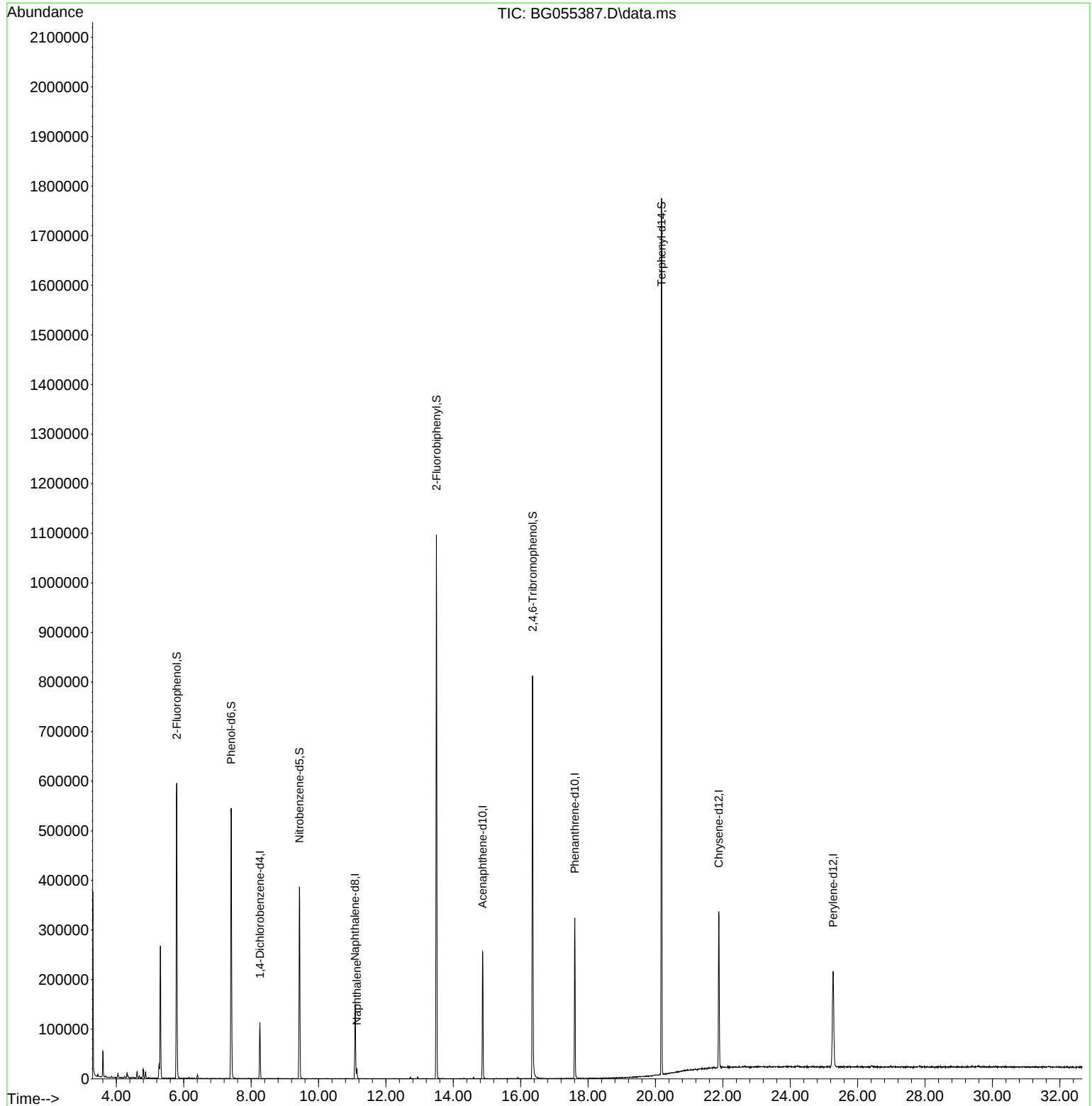
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	33403	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	139187	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	94487	20.000	ng	-0.01
64) Phenanthrene-d10	17.607	188	208473	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	205087	20.000	ng	-0.01
86) Perylene-d12	25.274	264	219673	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	279599	146.565	ng	0.00
7) Phenol-d6	7.407	99	339544	122.854	ng	0.00
23) Nitrobenzene-d5	9.434	82	244135	89.565	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	194567	189.423	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	584953	101.329	ng	-0.01
79) Terphenyl-d14	20.180	244	879076	89.057	ng	0.00
Target Compounds						
31) Naphthalene	11.138	128	17944	2.417	ng	Qvalue 99

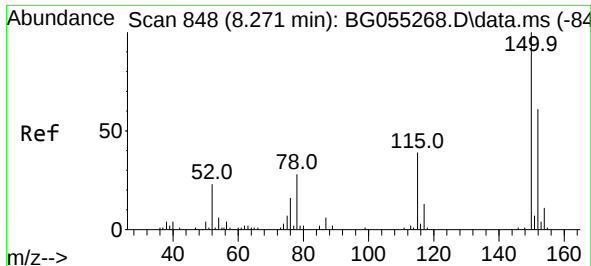
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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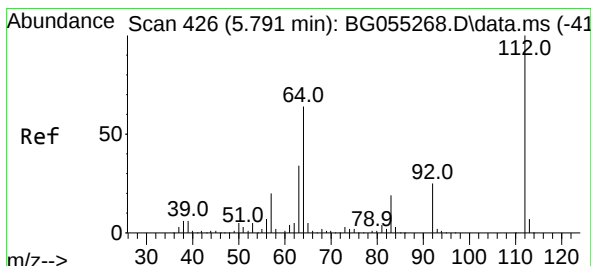
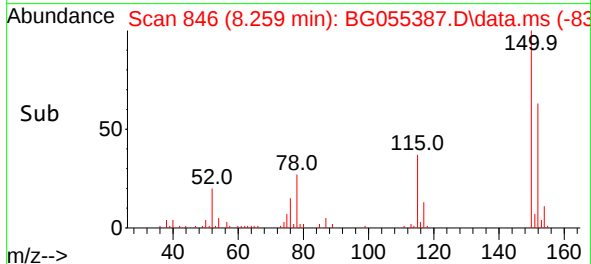
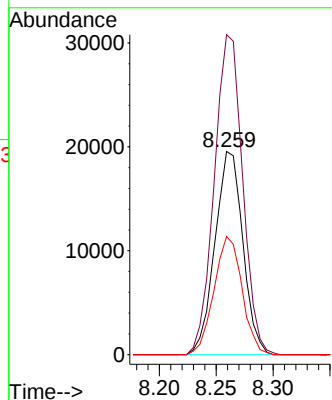
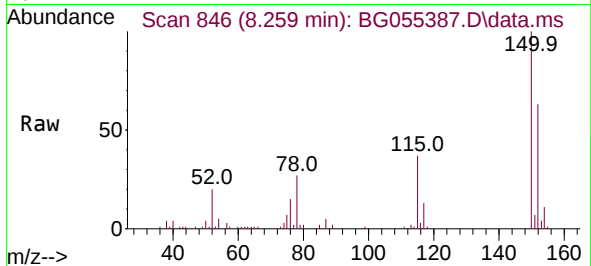




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

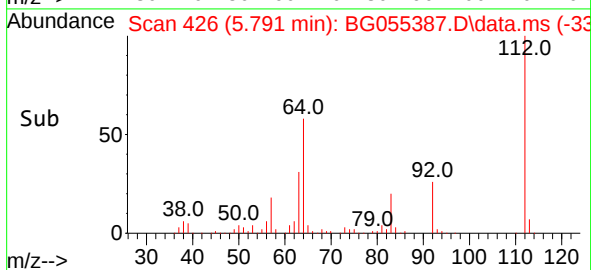
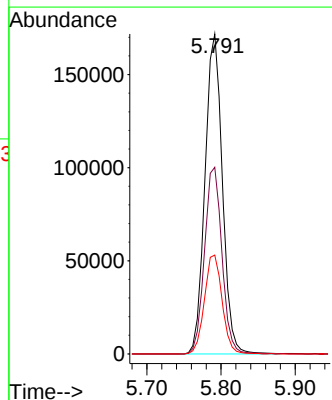
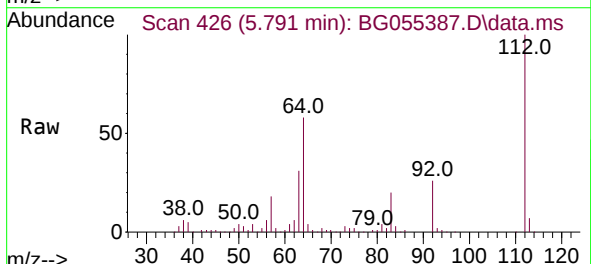
Instrument :
BNA_G
ClientSampleId :
MH-4-WC

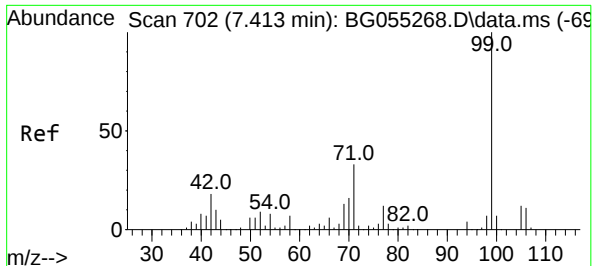
Tgt Ion:152 Resp: 33403
Ion Ratio Lower Upper
152 100
150 157.5 118.2 177.4
115 58.1 44.5 66.7



#5
2-Fluorophenol
Concen: 146.565 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion:112 Resp: 279599
Ion Ratio Lower Upper
112 100
64 58.3 52.6 78.8
63 30.9 27.1 40.7

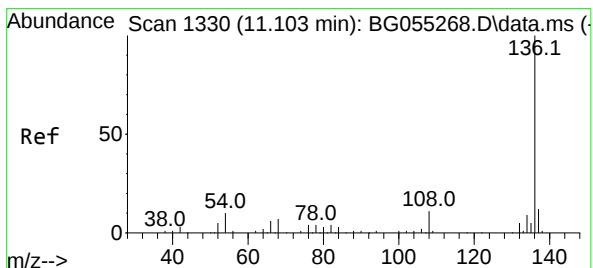
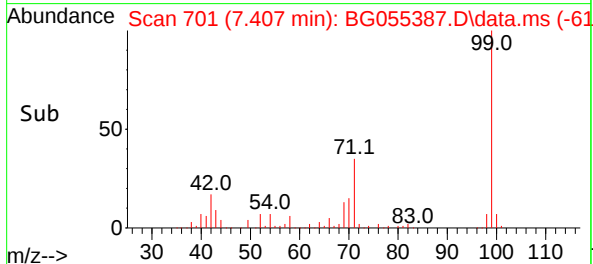
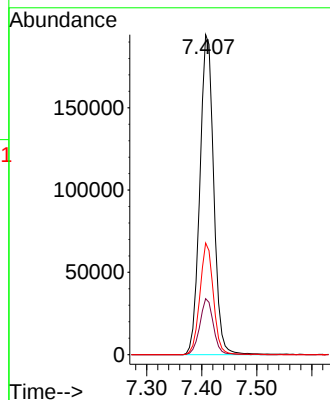
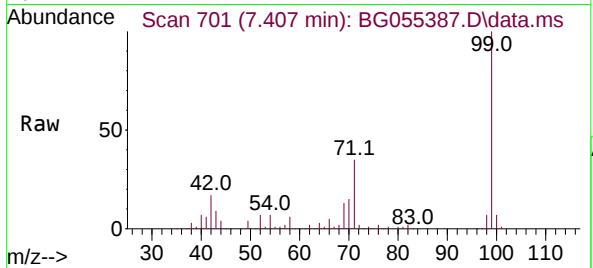




#7
Phenol-d6
Concen: 122.854 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

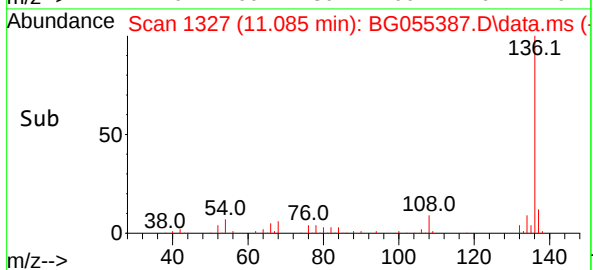
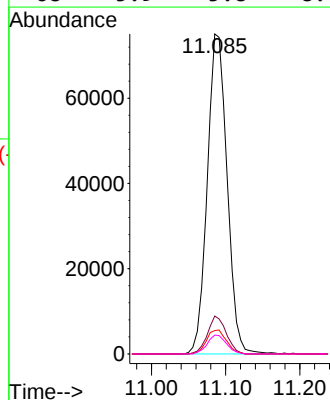
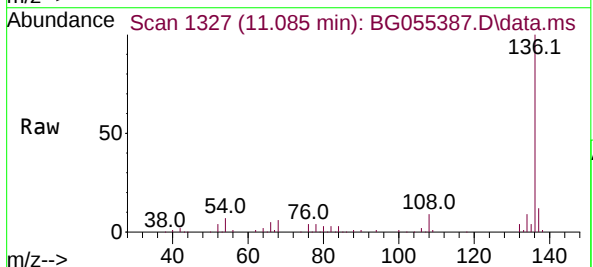
Instrument :
BNA_G
ClientSampleId :
MH-4-WC

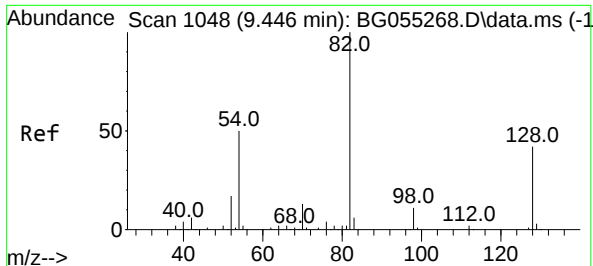
Tgt Ion: 99 Resp: 339544
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 34.9 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion:136 Resp: 139187
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 7.3 7.8 11.8#
68 5.9 5.8 8.6

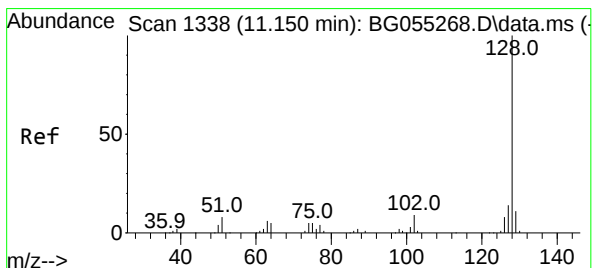
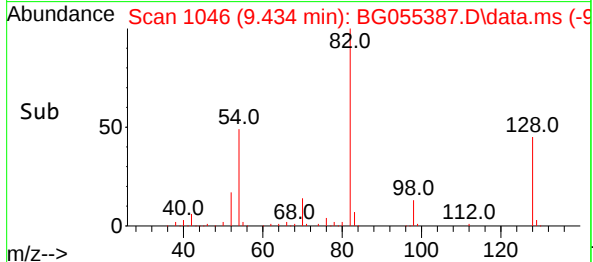
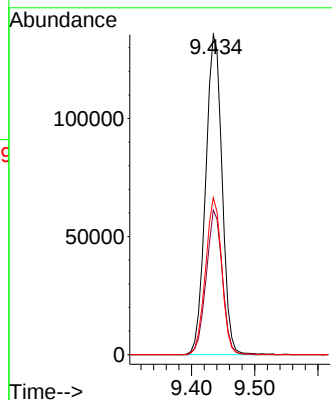
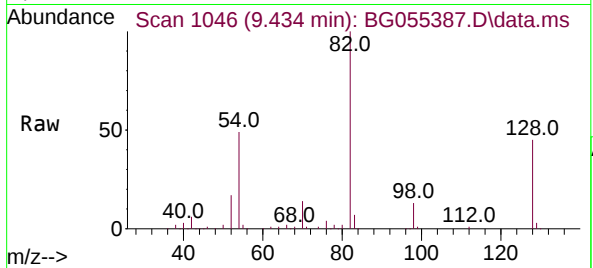




#23
Nitrobenzene-d5
Concen: 89.565 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

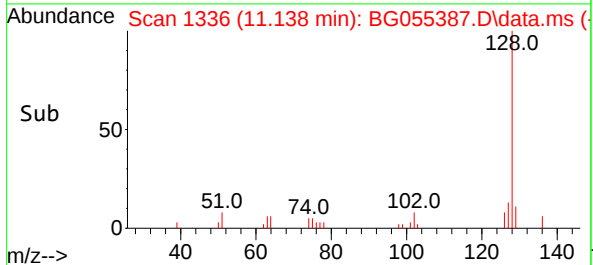
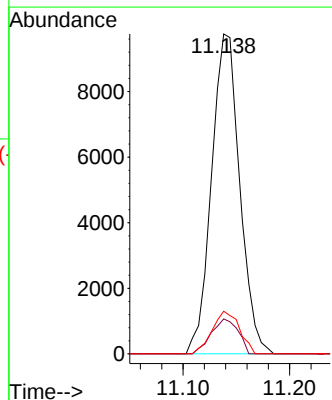
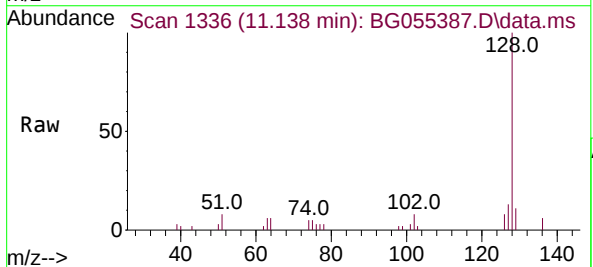
Instrument :
BNA_G
ClientSampleId :
MH-4-WC

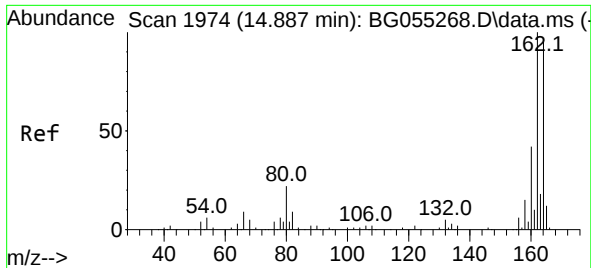
Tgt Ion: 82 Resp: 244135
Ion Ratio Lower Upper
82 100
128 45.2 32.0 48.0
54 49.0 40.9 61.3



#31
Naphthalene
Concen: 2.417 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion: 128 Resp: 17944
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 11.1 16.7

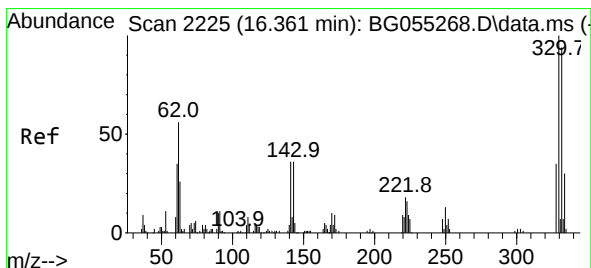
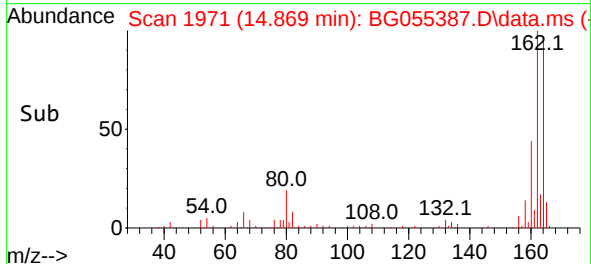
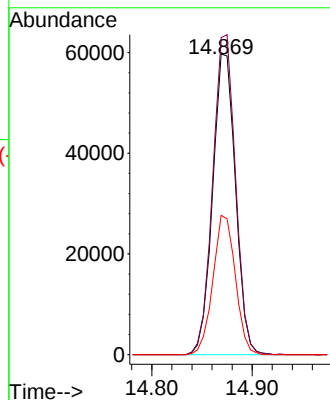
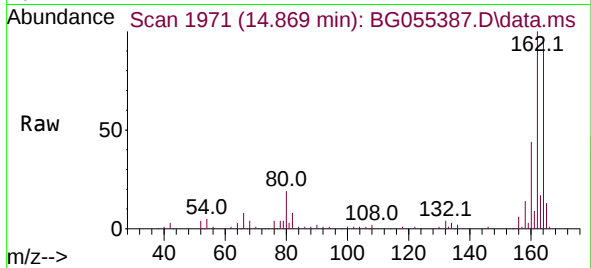




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

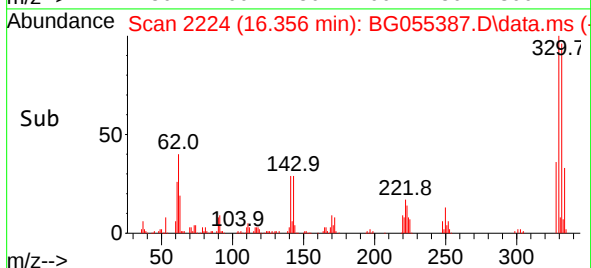
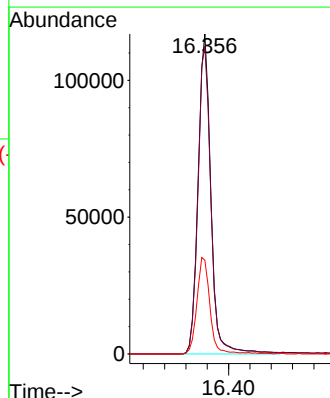
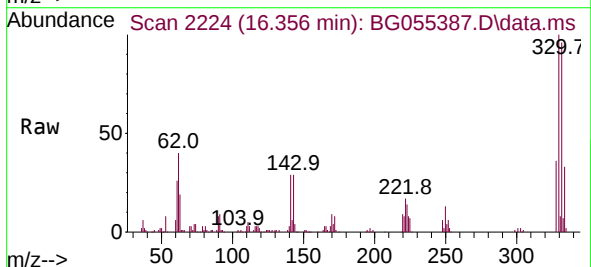
Instrument :
BNA_G
ClientSampleId :
MH-4-WC

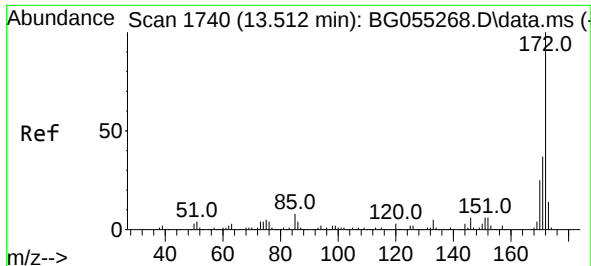
Tgt Ion:164 Resp: 94487
Ion Ratio Lower Upper
164 100
162 105.5 84.0 126.0
160 46.3 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 189.423 ng
RT: 16.356 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion:330 Resp: 194567
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 30.7 29.8 44.8

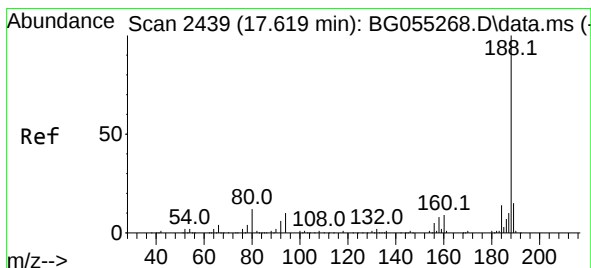
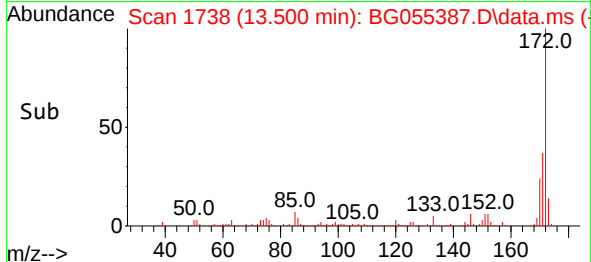
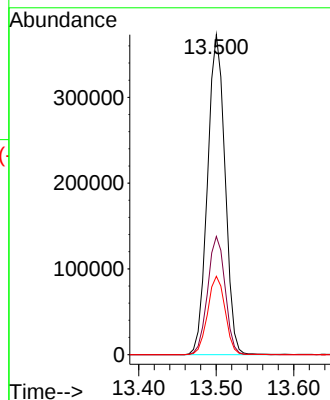
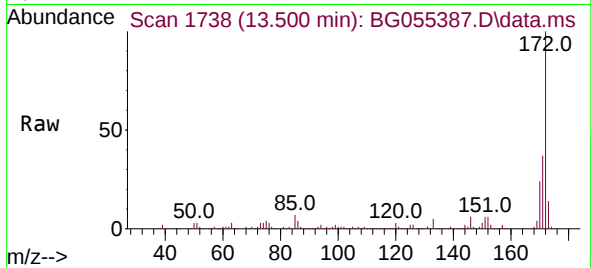




#45
2-Fluorobiphenyl
Concen: 101.329 ng
RT: 13.500 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

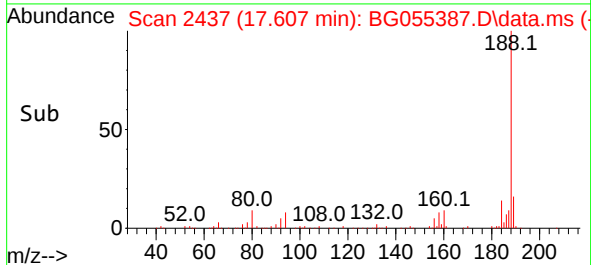
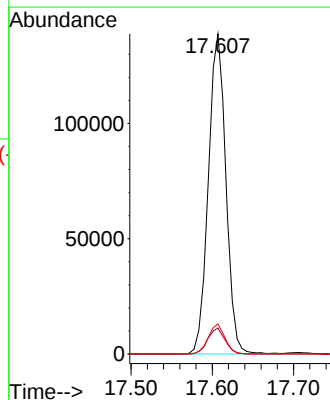
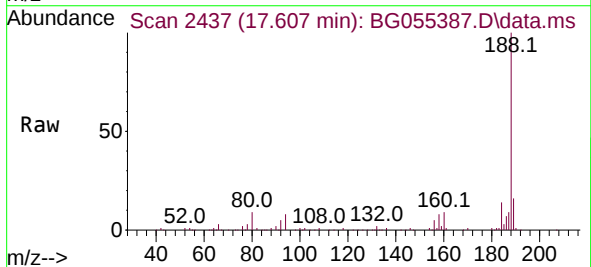
Instrument :
BNA_G
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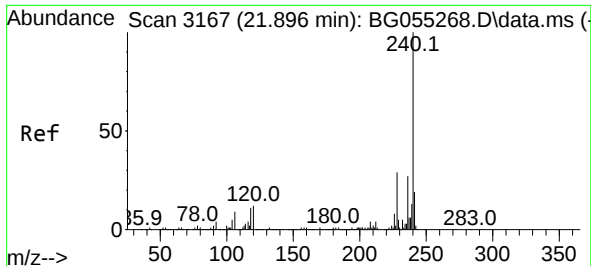
Tgt Ion:172 Resp: 584953
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.5 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion:188 Resp: 208473
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.4#
80 9.3 10.1 15.1#

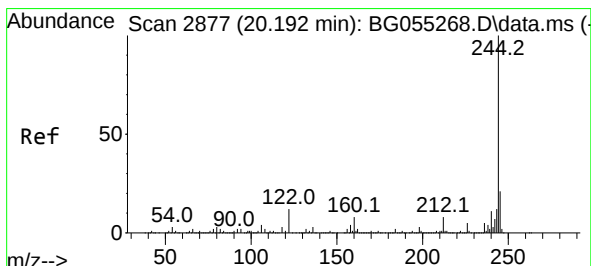
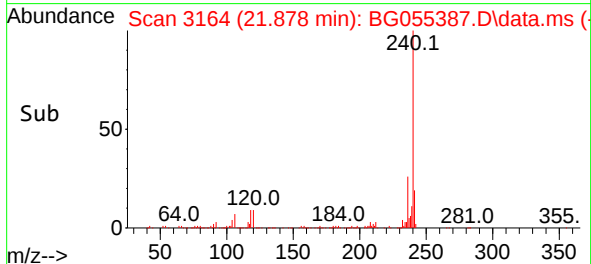
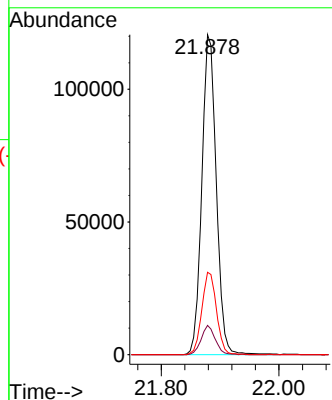
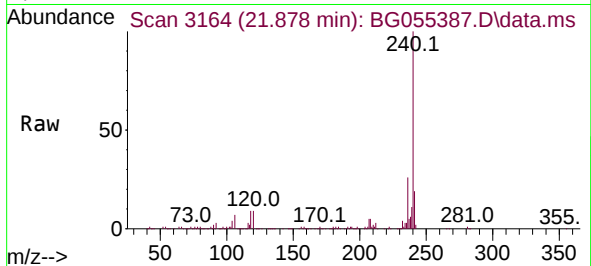




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

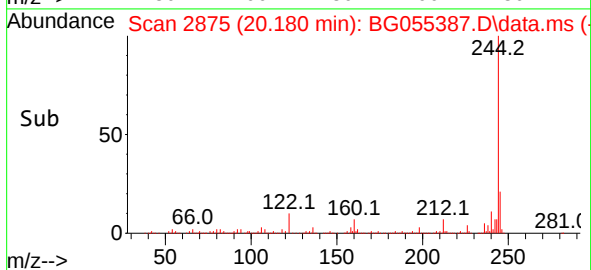
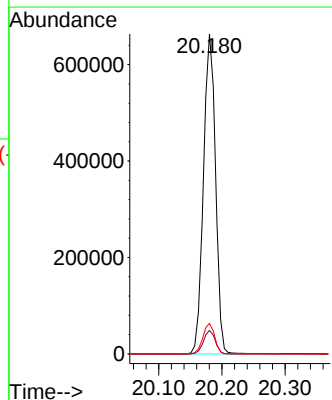
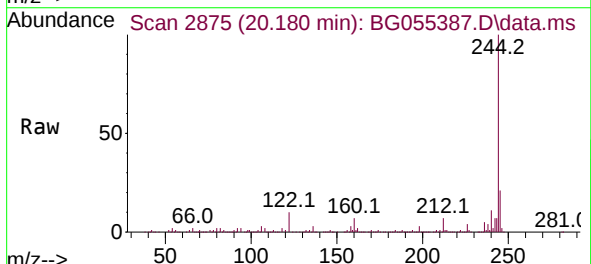
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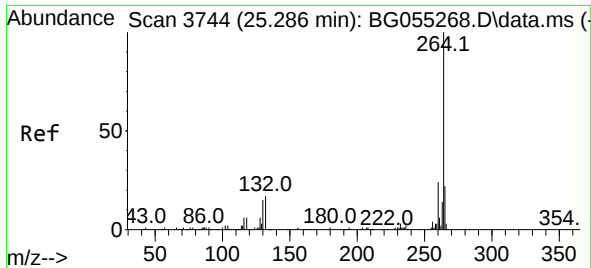
Tgt Ion:240 Resp: 205087
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 89.057 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055387.D
Acq: 31 Oct 2022 20:36

Tgt Ion:244 Resp: 879076
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.5 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055387.D
 Acq: 31 Oct 2022 20:36

Instrument :
 BNA_G
 ClientSampleId :
 MH-4-WC

Tgt Ion:264 Resp: 219673
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.2 17.4 26.2

