

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055310.D
 Acq On : 26 Oct 2022 22:43
 Operator : CG/JU
 Sample : N5218-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Oct 27 10:43:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	37966	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	159900	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	107352	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	247708	20.000	ng	0.00
76) Chrysene-d12	21.890	240	238506	20.000	ng	-0.01
86) Perylene-d12	25.286	264	249402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	238467	109.980	ng	0.00
7) Phenol-d6	7.413	99	341221	108.623	ng	0.00
23) Nitrobenzene-d5	9.446	82	217113	69.334	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	122804	105.230	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	476928	72.715	ng	0.00
79) Terphenyl-d14	20.192	244	817951	71.254	ng	0.00

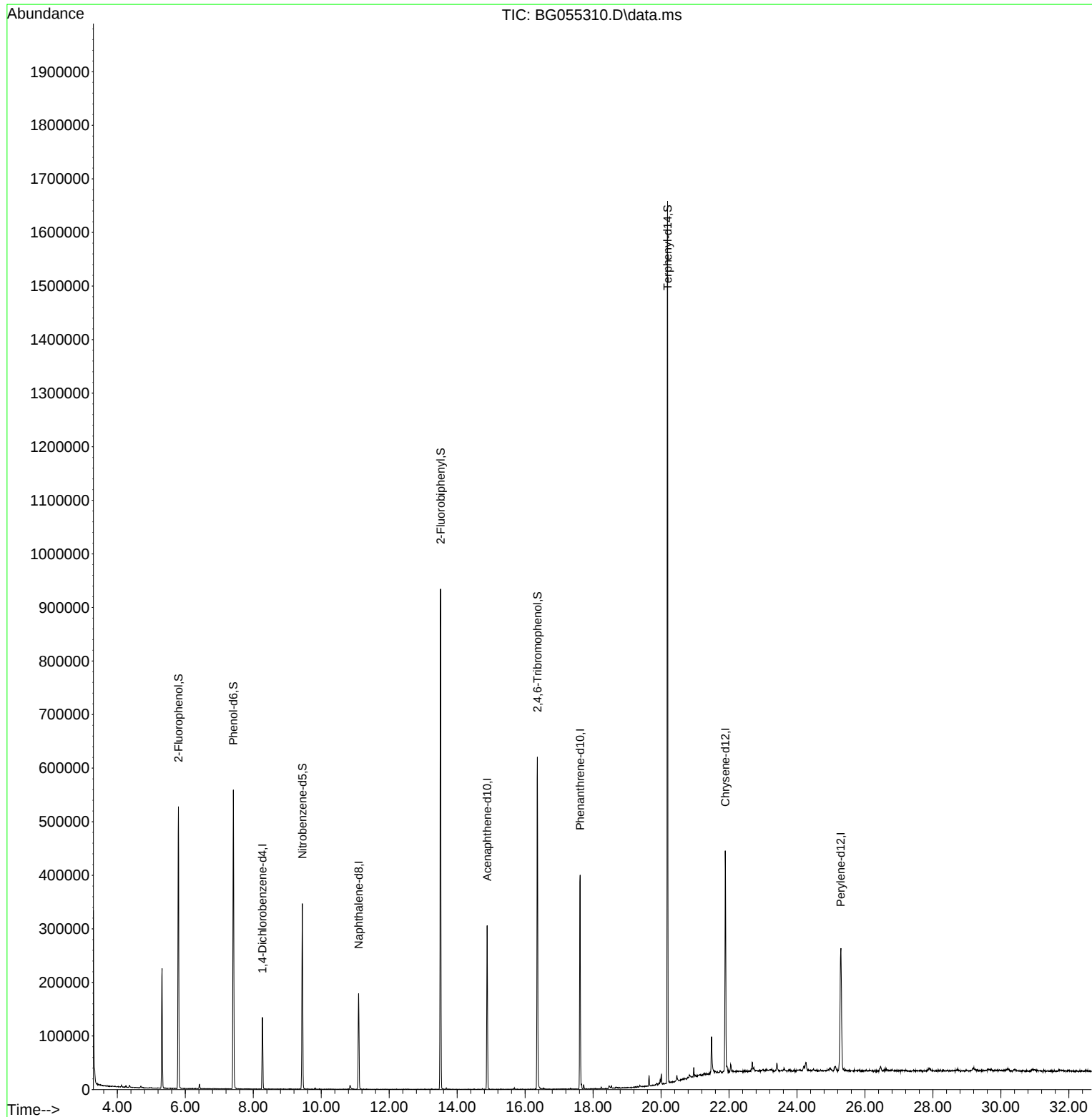
Target Compounds	Qvalue

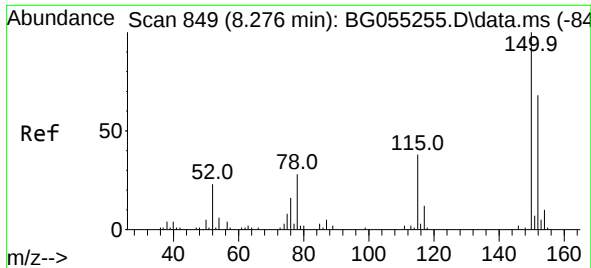
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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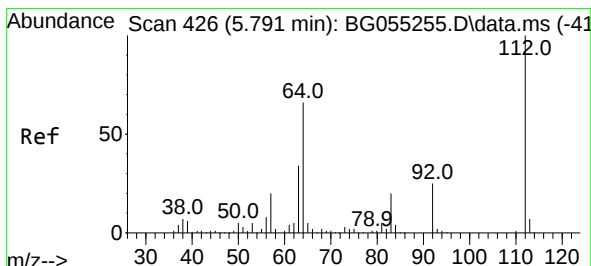
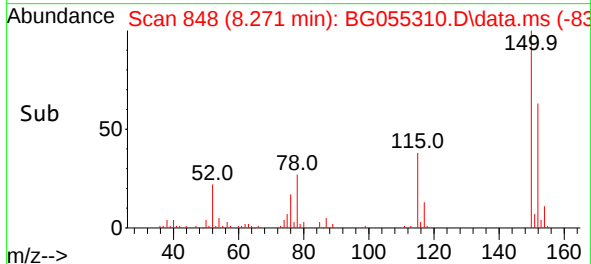
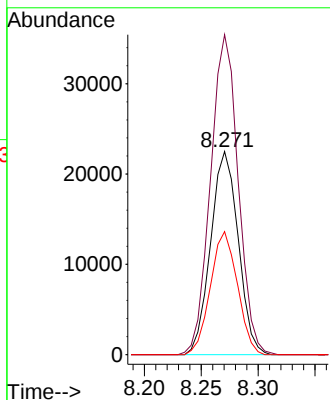
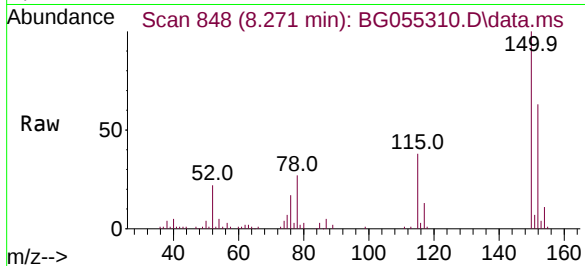




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

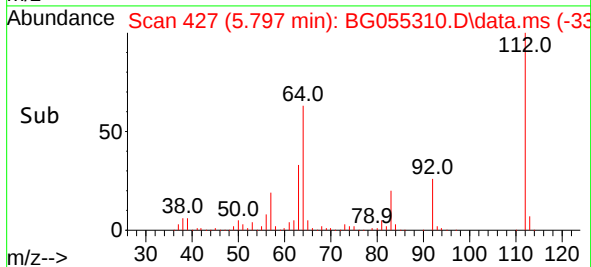
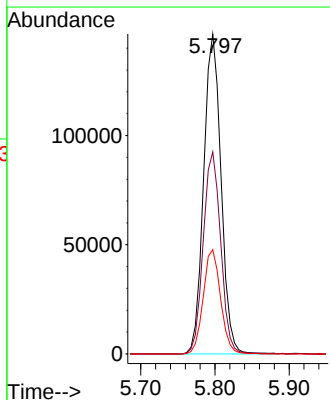
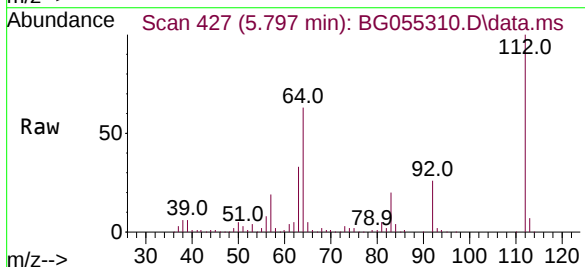
Instrument :
BNA_G
ClientSampleId :
SP-1

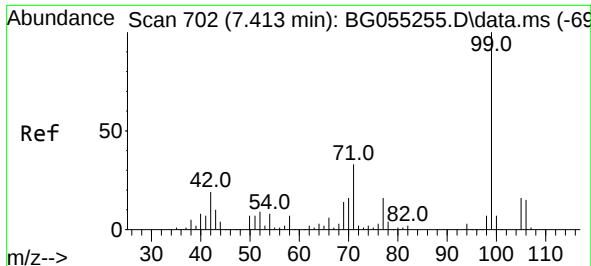
Tgt Ion:152 Resp: 37966
Ion Ratio Lower Upper
152 100
150 157.6 118.2 177.4
115 60.6 44.5 66.7



#5
2-Fluorophenol
Concen: 109.980 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:112 Resp: 238467
Ion Ratio Lower Upper
112 100
64 63.1 52.6 78.8
63 32.6 27.1 40.7

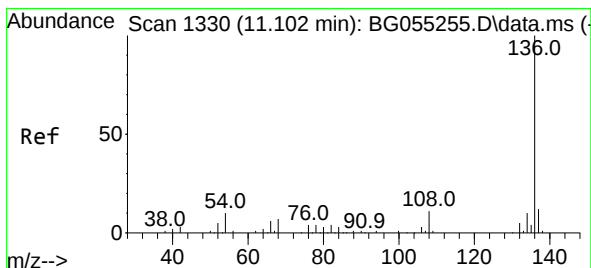
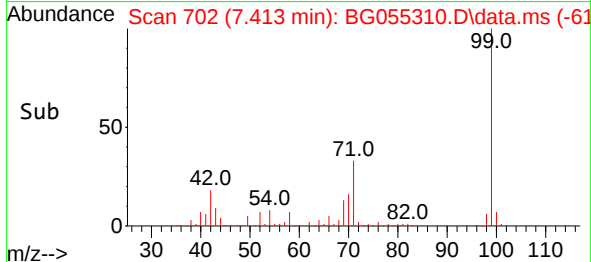
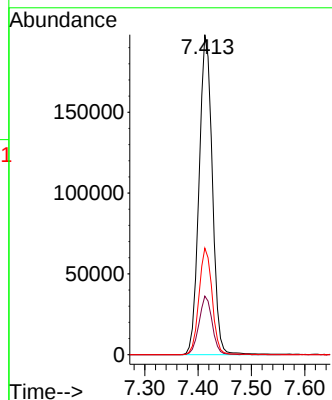
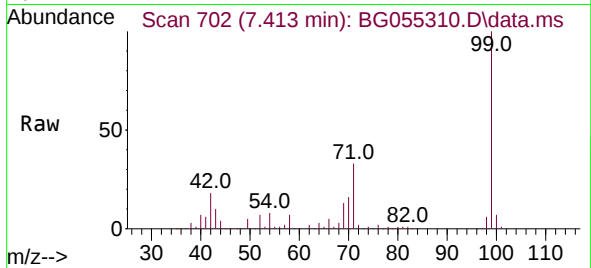




#7
Phenol-d6
Concen: 108.623 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

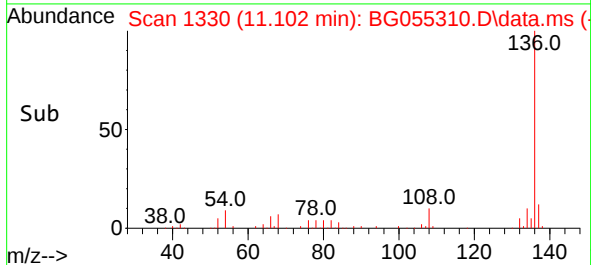
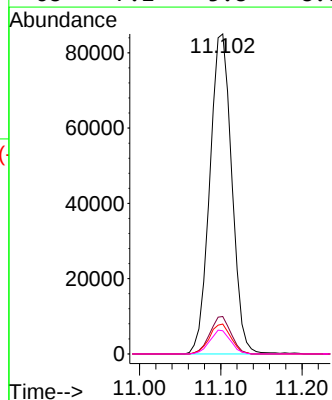
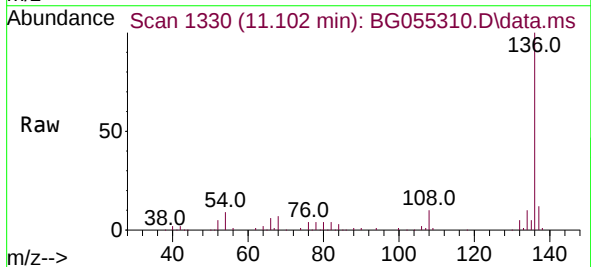
Instrument :
BNA_G
ClientSampleId :
SP-1

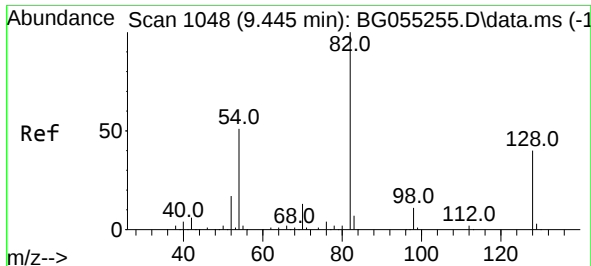
Tgt Ion: 99 Resp: 341221
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 33.3 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion: 136 Resp: 159900
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.3 7.8 11.8
68 7.2 5.8 8.6

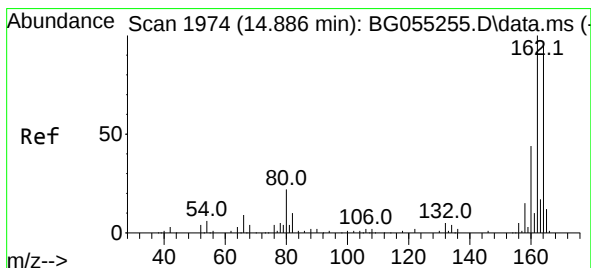
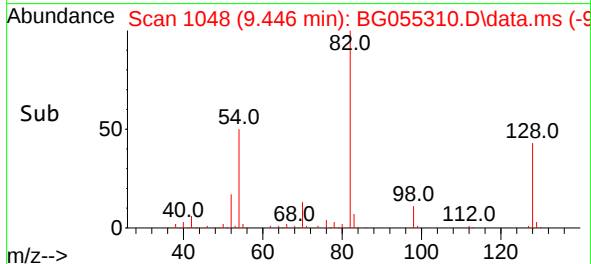
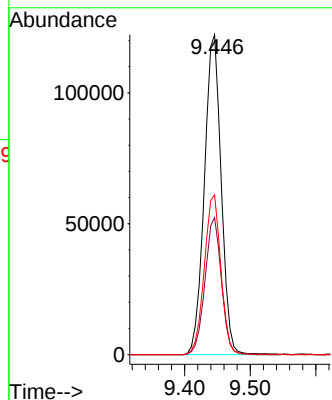
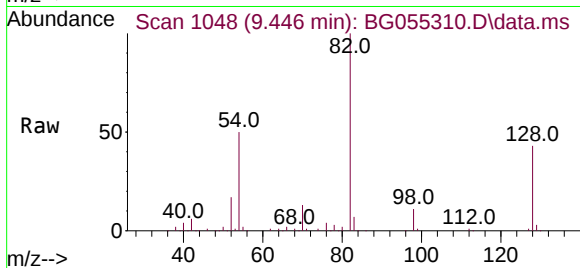




#23
Nitrobenzene-d5
Concen: 69.334 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

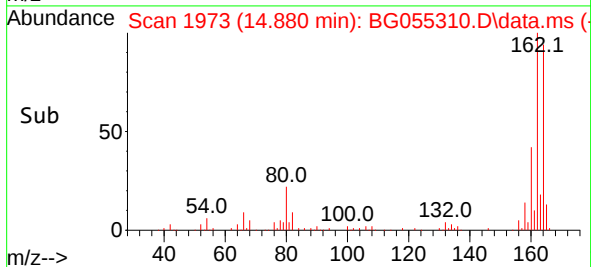
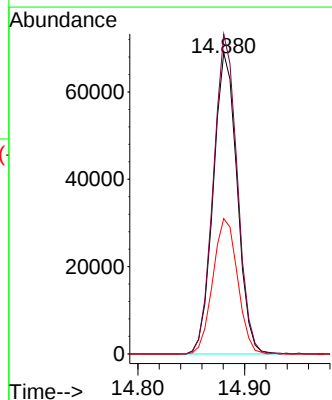
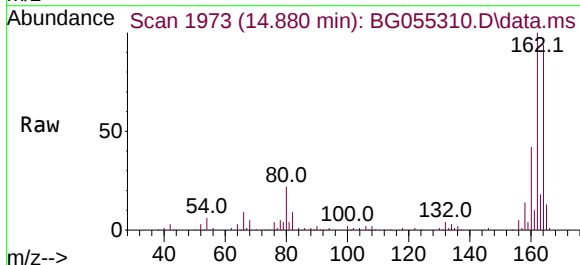
Instrument :
BNA_G
ClientSampleId :
SP-1

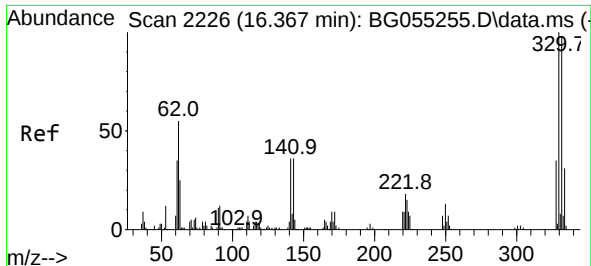
Tgt Ion: 82 Resp: 217113
Ion Ratio Lower Upper
82 100
128 42.8 32.0 48.0
54 49.9 40.9 61.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion: 164 Resp: 107352
Ion Ratio Lower Upper
164 100
162 106.3 84.0 126.0
160 44.9 36.7 55.1

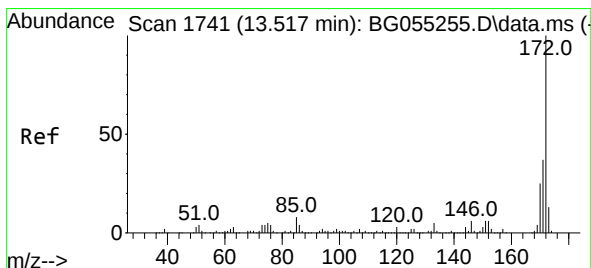
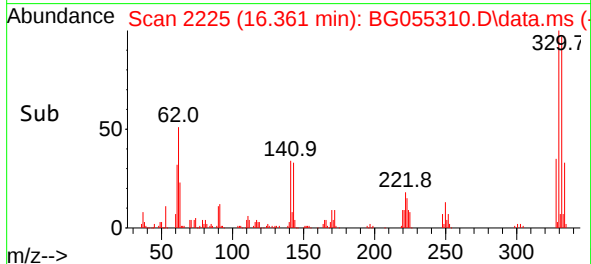
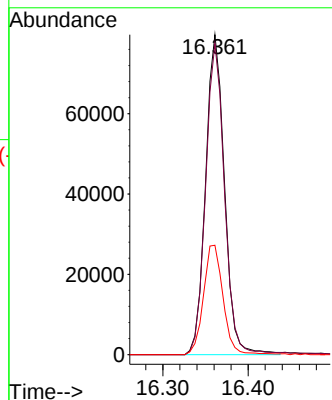
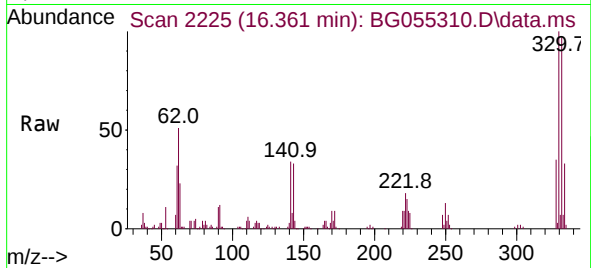




#42
2,4,6-Tribromophenol
Concen: 105.230 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

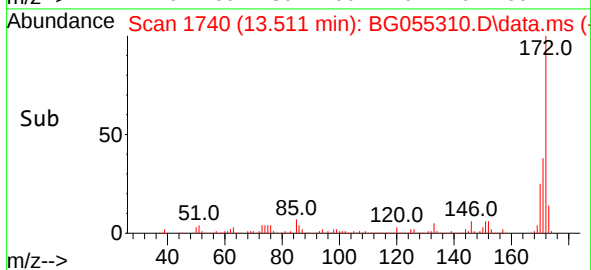
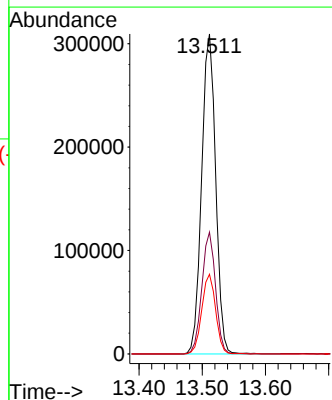
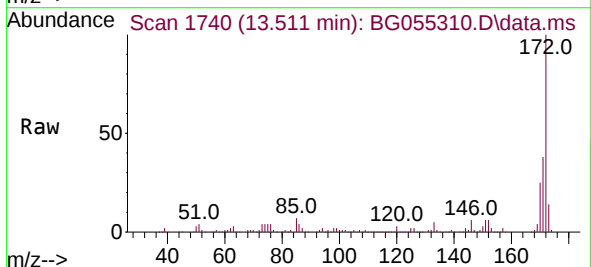
Instrument :
BNA_G
ClientSampleId :
SP-1

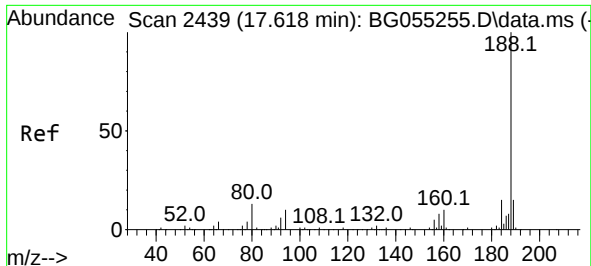
Tgt Ion:330 Resp: 122804
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 35.4 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 72.715 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:172 Resp: 476928
Ion Ratio Lower Upper
172 100
171 38.0 29.7 44.5
170 24.9 20.2 30.2

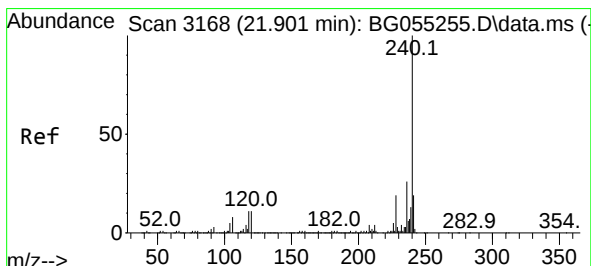
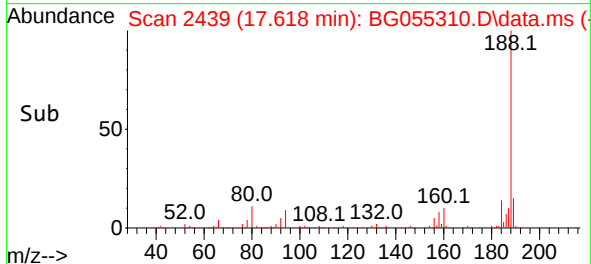
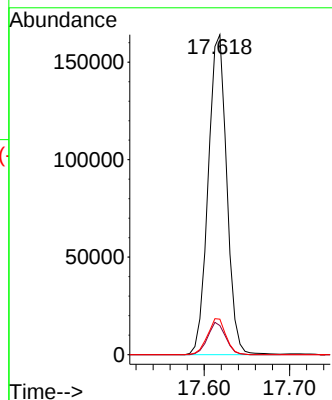
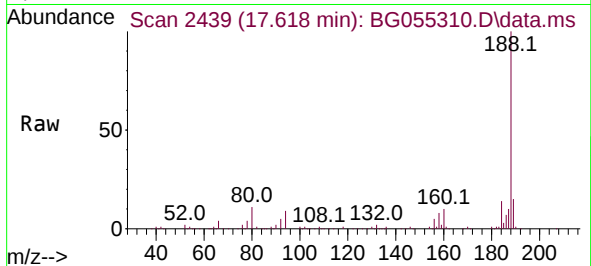




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

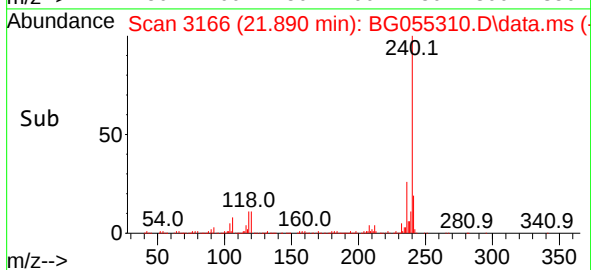
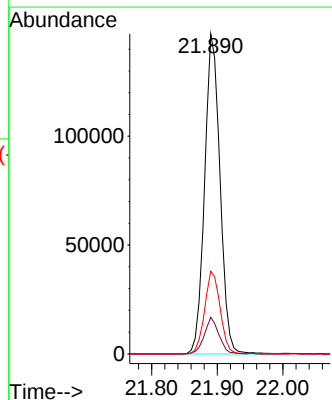
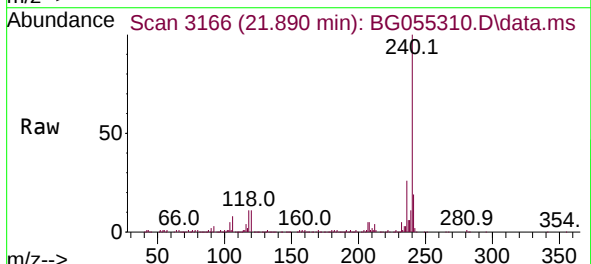
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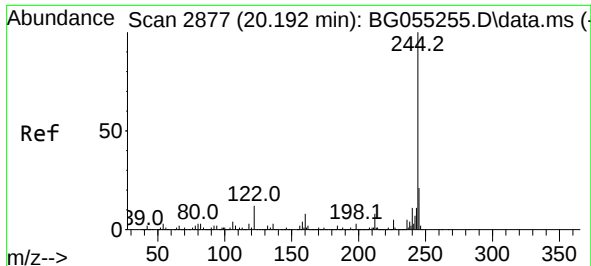
Tgt Ion:188 Resp: 247708
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 11.1 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055310.D
Acq: 26 Oct 2022 22:43

Tgt Ion:240 Resp: 238506
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 21.0 31.4

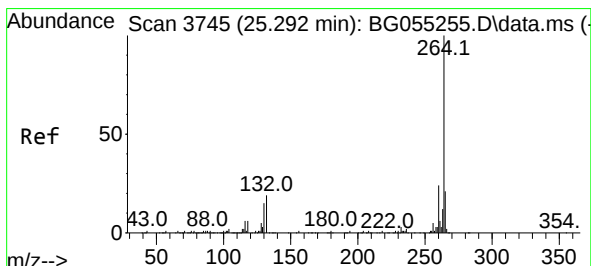
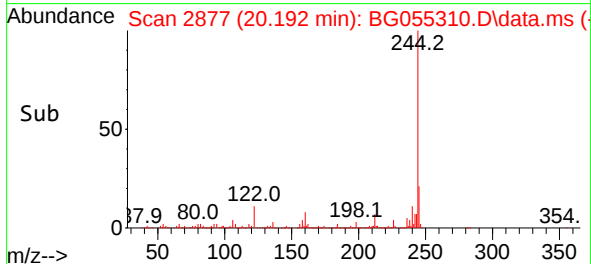
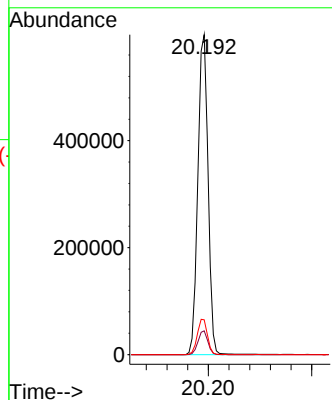
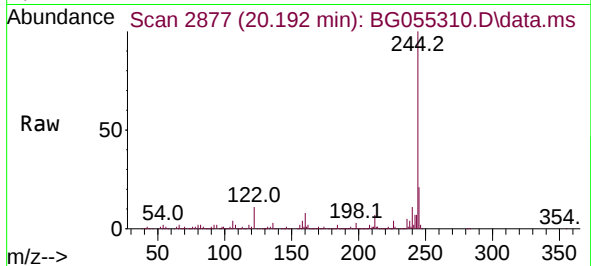




#79
 Terphenyl-d14
 Concen: 71.254 ng
 RT: 20.192 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: BG055310.D
 Acq: 26 Oct 2022 22:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 817951
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.286 min Scan# 3744
 Delta R.T. -0.006 min
 Lab File: BG055310.D
 Acq: 26 Oct 2022 22:43

Tgt Ion:264 Resp: 249402
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.6 17.4 26.2

