

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053572.D
 Acq On : 16 May 2022 18:16
 Operator : CG/JU
 Sample : N2847-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REDBOX-164718

Quant Time: May 17 05:21:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

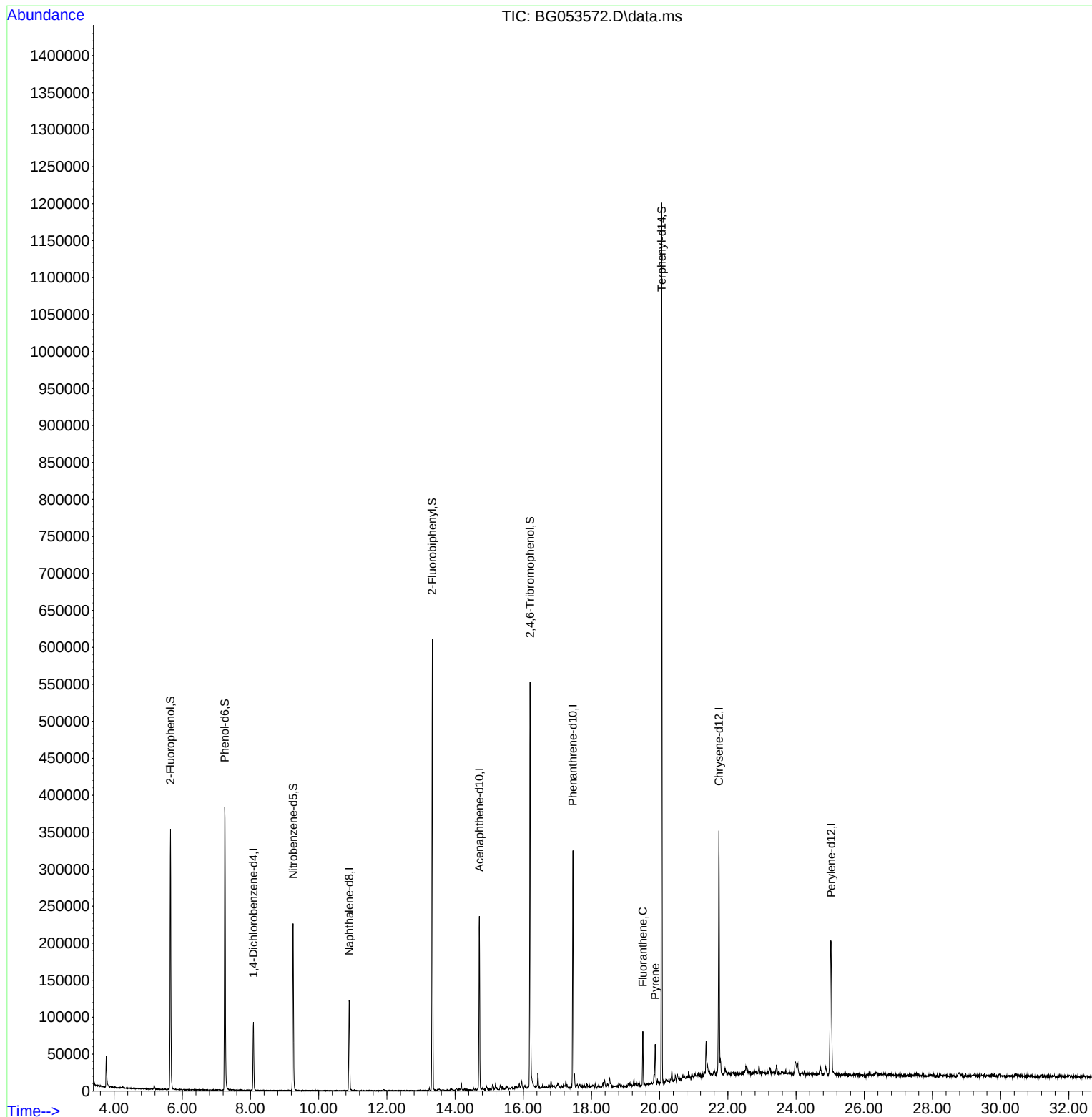
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	25743	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	103886	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	84276	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	202141	20.000	ng	0.00
76) Chrysene-d12	21.740	240	201362	20.000	ng	0.00
86) Perylene-d12	25.029	264	209792	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	143690	94.729	ng	0.00
7) Phenol-d6	7.248	99	223763	97.201	ng	0.00
23) Nitrobenzene-d5	9.251	82	149860	61.407	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	120359	96.832	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	323573	56.105	ng	0.00
79) Terphenyl-d14	20.060	244	599933	55.490	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.508	202	45570	3.424	ng	97
78) Pyrene	19.872	202	38763	2.974	ng	96

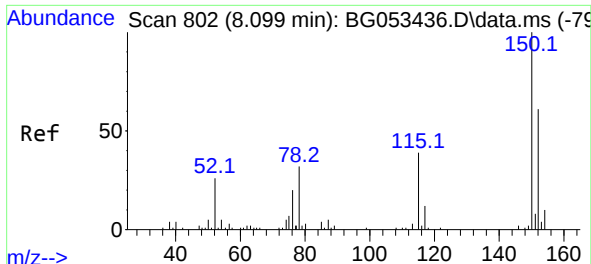
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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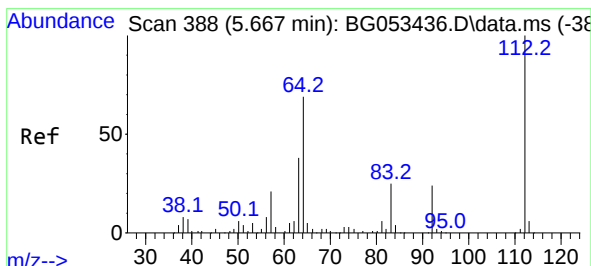
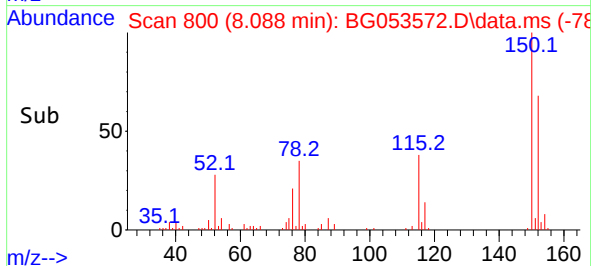
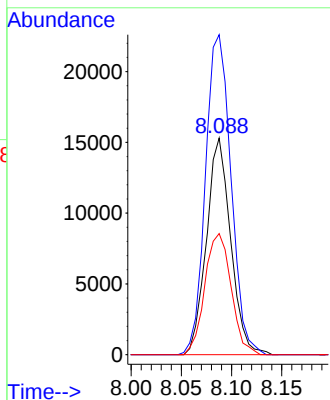
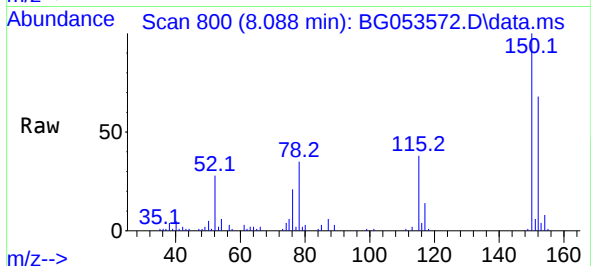




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

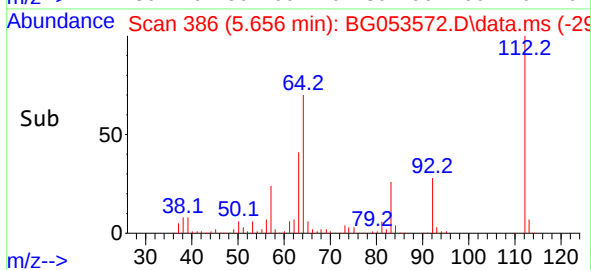
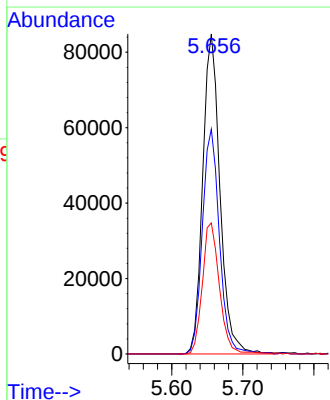
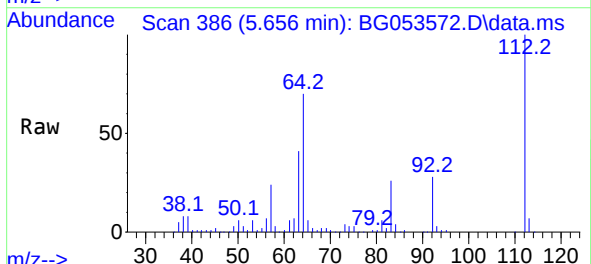
Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:152 Resp: 25743
Ion Ratio Lower Upper
152 100
150 147.7 131.6 197.4
115 55.9 50.9 76.3



#5
2-Fluorophenol
Concen: 94.729 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:112 Resp: 143690
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 41.0 30.4 45.6

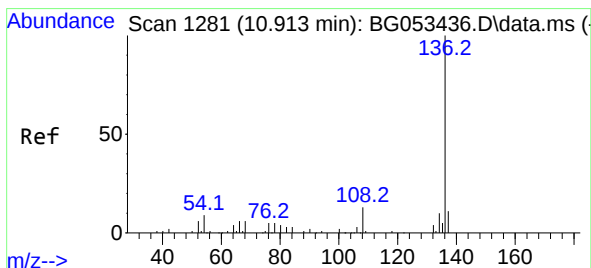
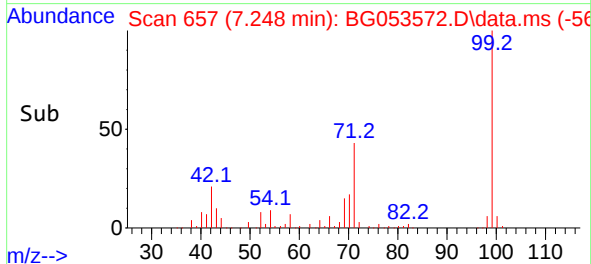
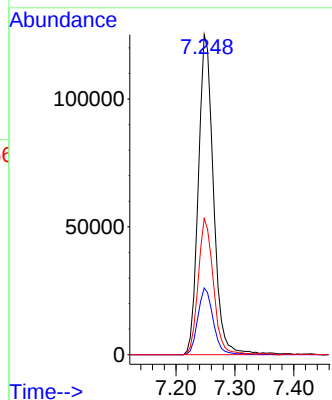
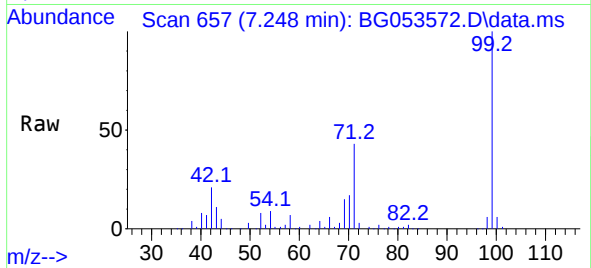




#7
Phenol-d6
Concen: 97.201 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

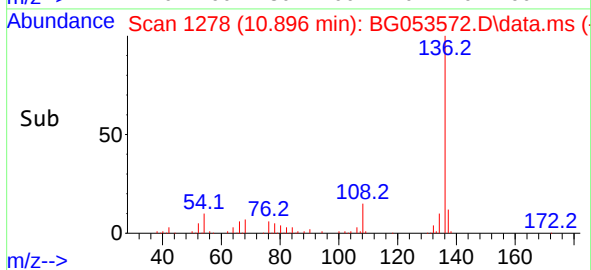
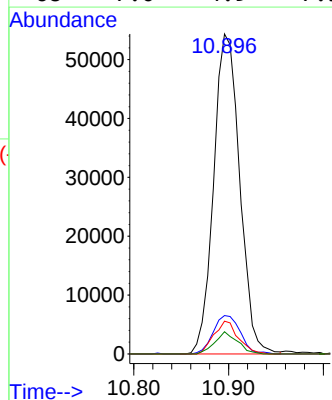
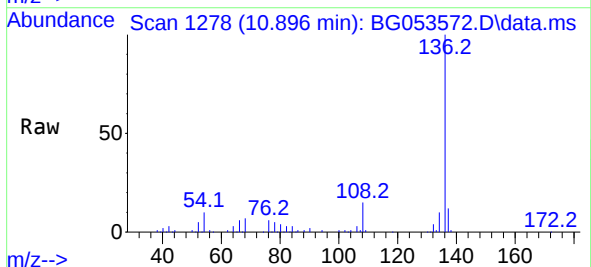
Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion: 99 Resp: 223763
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1278
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion: 136 Resp: 103886
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 10.3 7.4 11.2
68 7.0 4.9 7.3

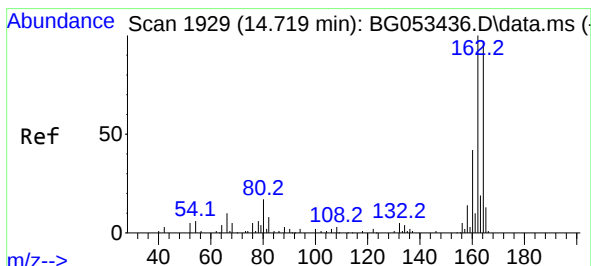
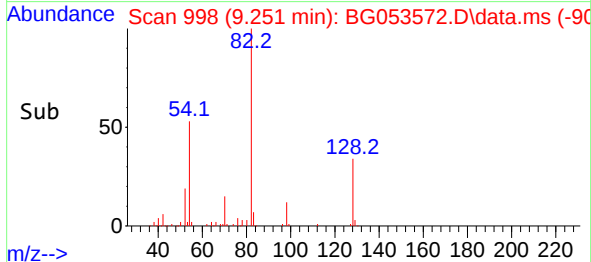
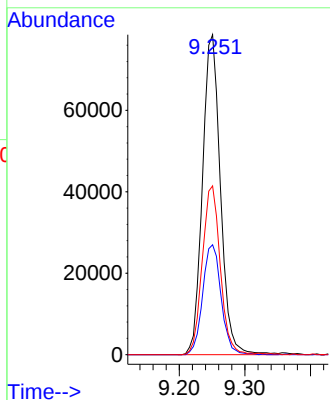
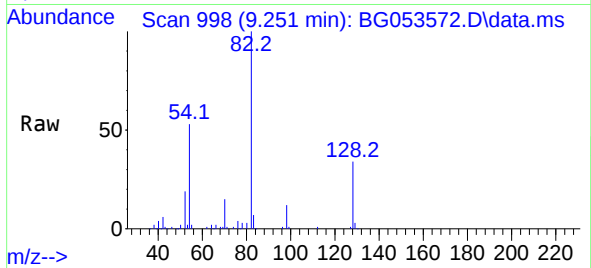




#23
Nitrobenzene-d5
Concen: 61.407 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

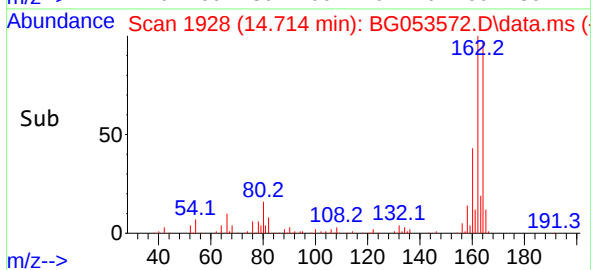
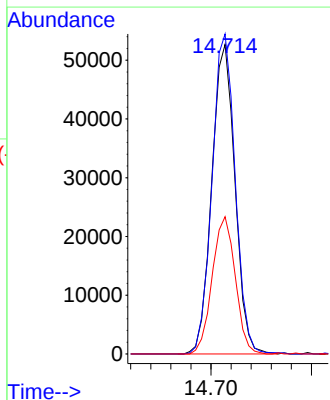
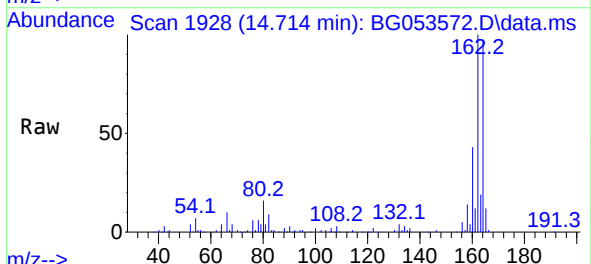
Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion: 82 Resp: 149860
Ion Ratio Lower Upper
82 100
128 34.4 27.9 41.9
54 52.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion: 164 Resp: 84276
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 44.3 34.2 51.2

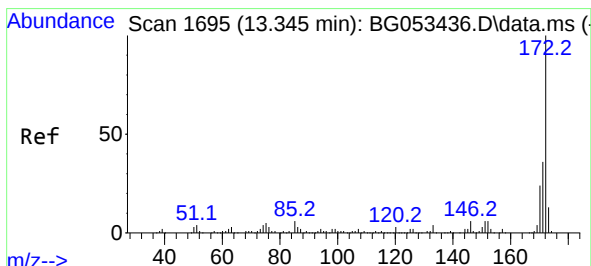
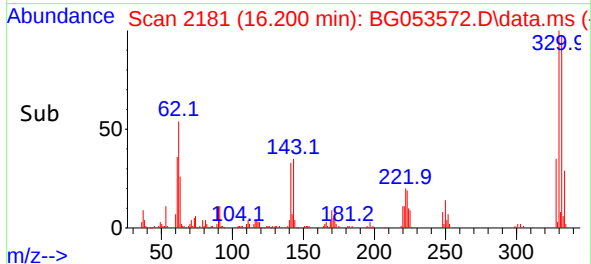
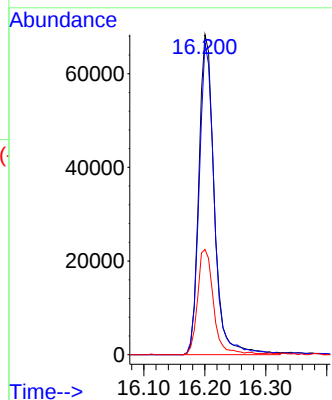
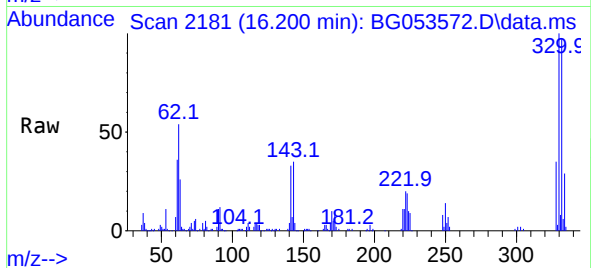




#42
2,4,6-Tribromophenol
Concen: 96.832 ng
RT: 16.200 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

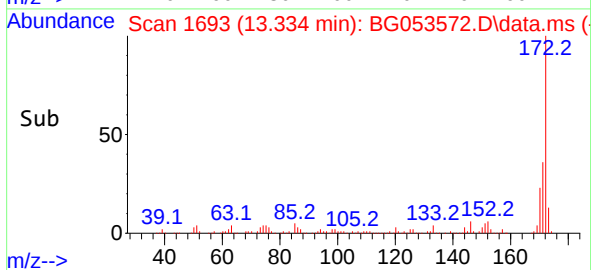
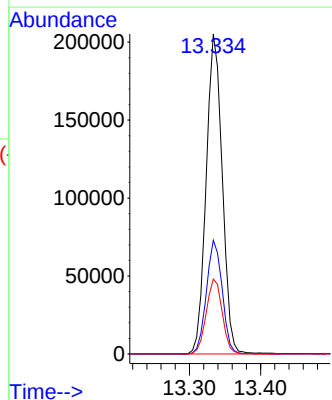
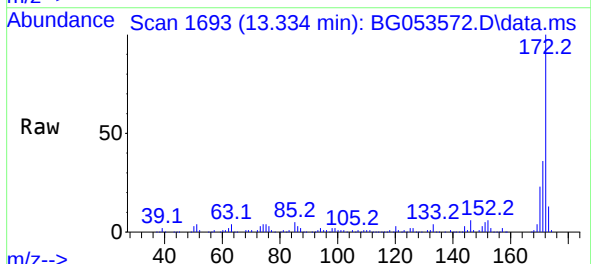
Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:330 Resp: 120359
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 34.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 56.105 ng
RT: 13.334 min Scan# 1693
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:172 Resp: 323573
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.4 18.9 28.3

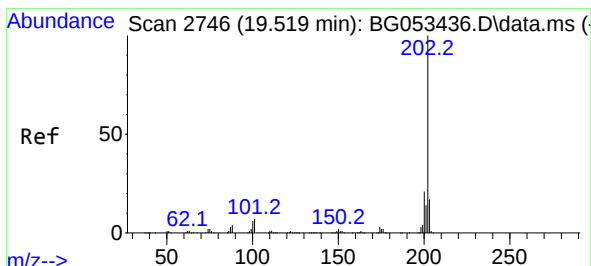
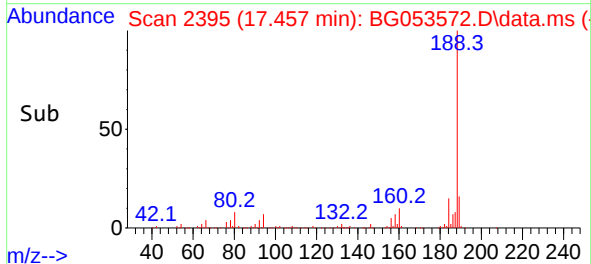
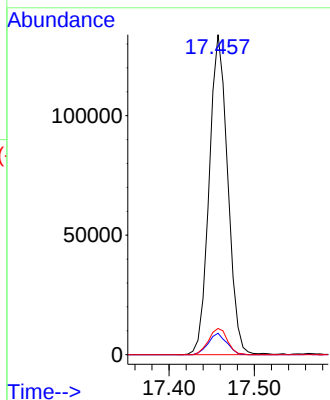
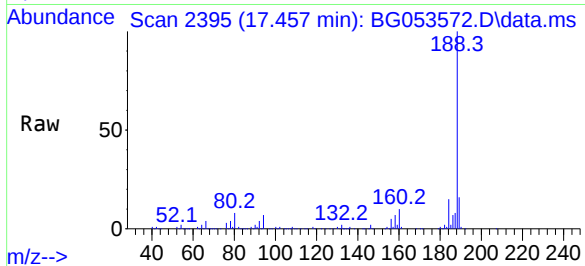




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

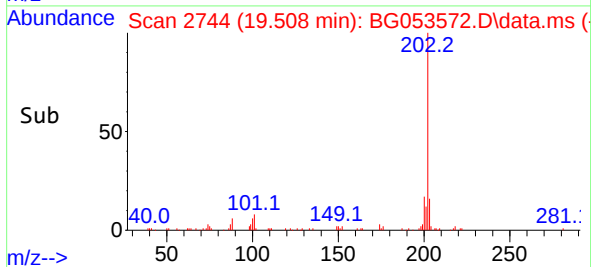
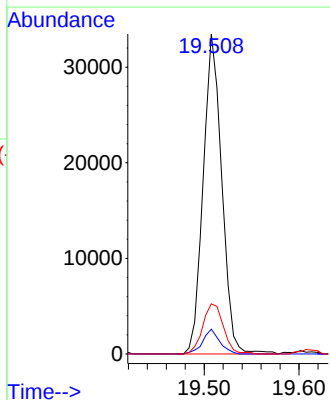
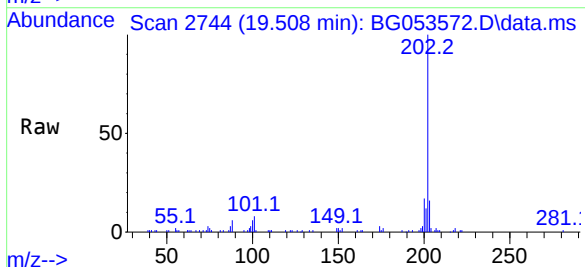
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BNA_G
ClientSampleId :
REDBOX-164718

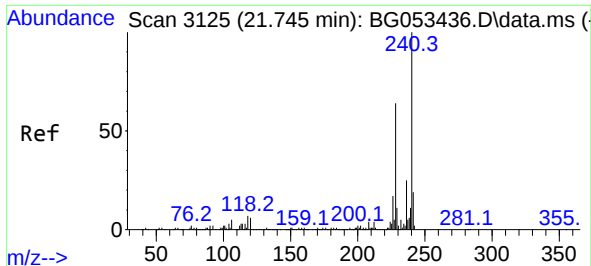
Tgt Ion:188 Resp: 202141
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.2 6.8 10.2



#75
Fluoranthene
Concen: 3.424 ng
RT: 19.508 min Scan# 2744
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:202 Resp: 45570
Ion Ratio Lower Upper
202 100
101 7.8 0.0 26.9
203 15.6 0.0 37.2

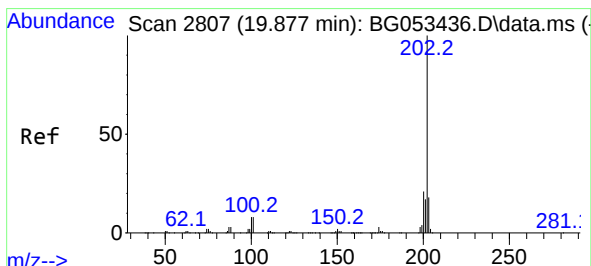
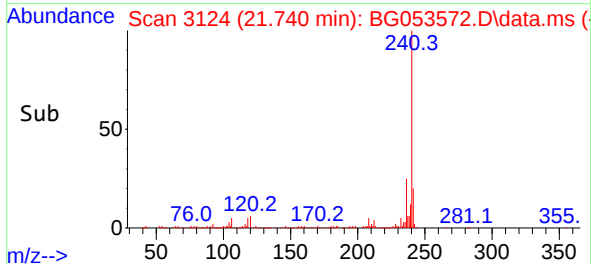
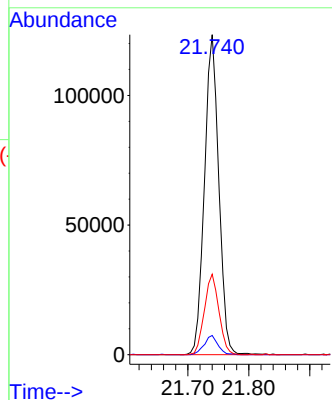
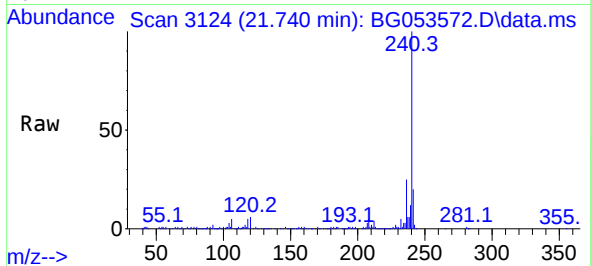




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

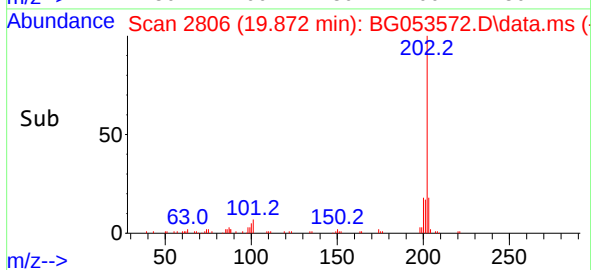
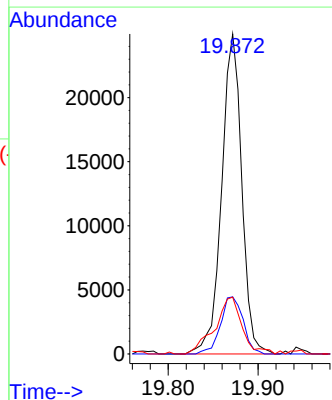
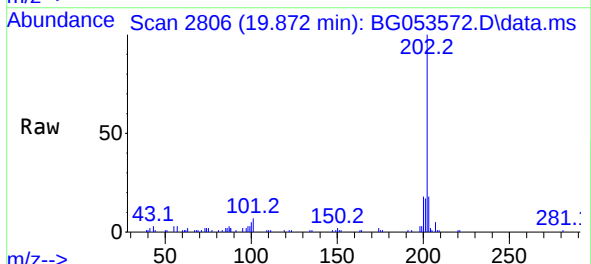
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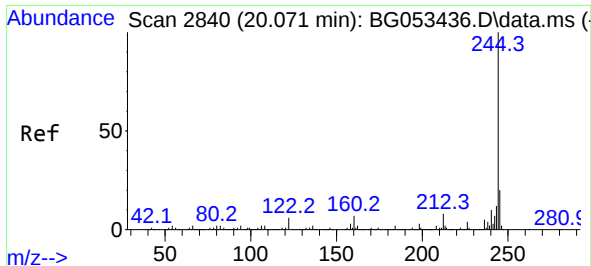
Tgt Ion:240 Resp: 201362
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.1 20.2 30.4



#78
Pyrene
Concen: 2.974 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

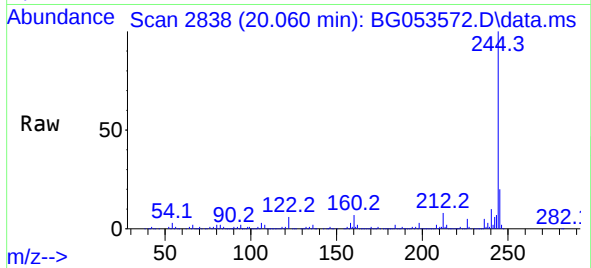
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Ion Ratio Lower Upper
202 100
200 17.9 16.6 24.8
203 17.8 14.6 21.8



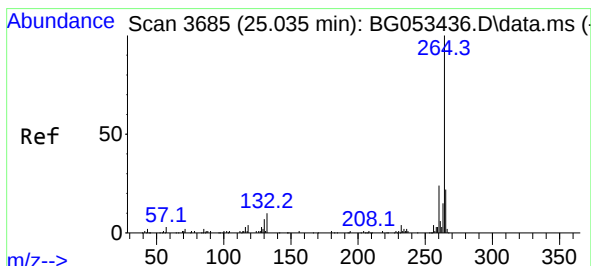
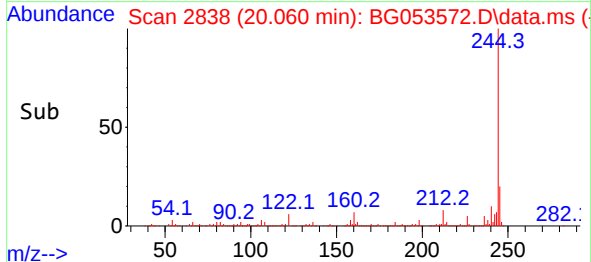
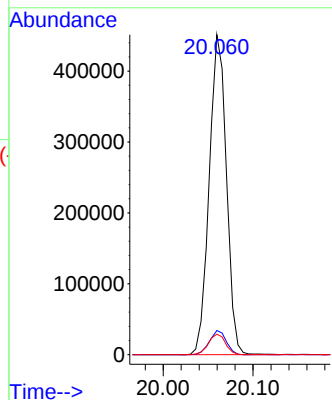


#79
 Terphenyl-d14
 Concen: 55.490 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053572.D
 Acq: 16 May 2022 18:16

Instrument :
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Tgt Ion:244 Resp: 599933
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.029 min Scan# 3684
 Delta R.T. 0.010 min
 Lab File: BG053572.D
 Acq: 16 May 2022 18:16

Tgt Ion:264 Resp: 209792
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.2 17.4 26.2

