

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054521.D
 Acq On : 4 Aug 2022 16:19
 Operator : CG/JU
 Sample : N4037-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600532979-C

Quant Time: Aug 04 16:51:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

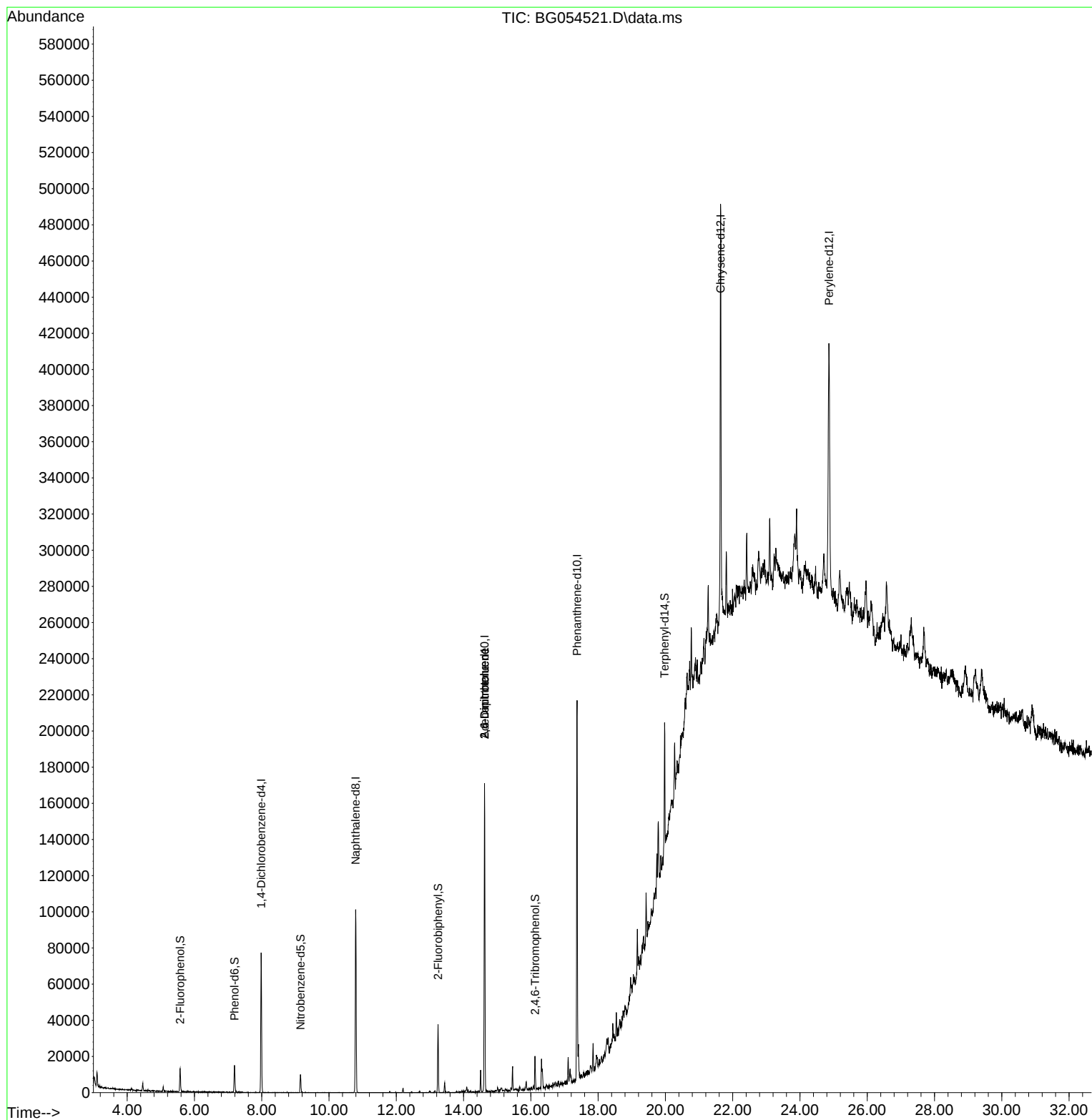
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	23785	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	92178	20.000	ng	# 0.00
39) Acenaphthene-d10	14.623	164	67399	20.000	ng	0.00
64) Phenanthrene-d10	17.373	188	150663	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	163481	20.000	ng	# 0.00
86) Perylene-d12	24.864	264	167163	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	6900	6.057	ng	0.01
7) Phenol-d6	7.191	99	10019	6.418	ng	0.02
23) Nitrobenzene-d5	9.153	82	7276	4.299	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	5513	3.896	ng	0.01
45) 2-Fluorobiphenyl	13.243	172	23081	4.831	ng	0.00
79) Terphenyl-d14	19.976	244	41449	5.030	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.623	165	9135	7.911	ng	# 16
57) 2,4-Dinitrotoluene	14.623	165	9135	5.518	ng	# 21

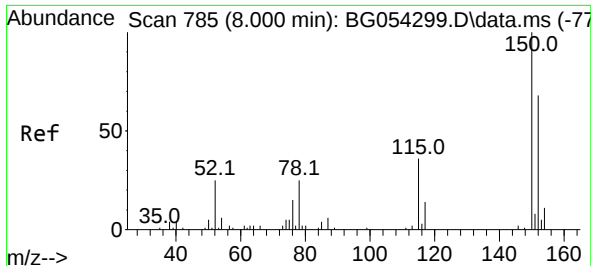
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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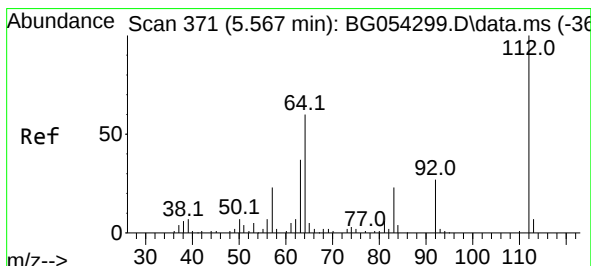
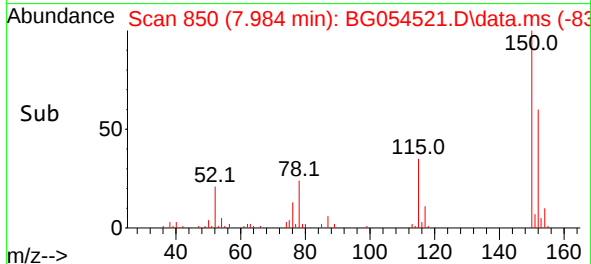
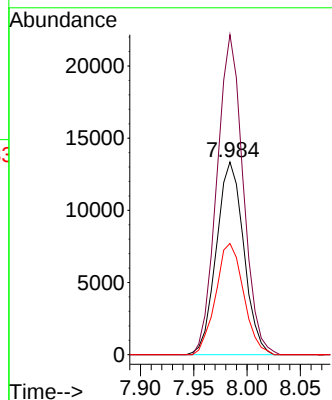
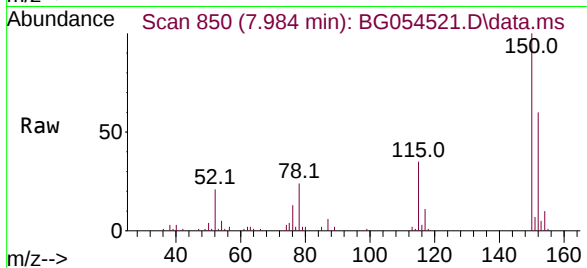




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

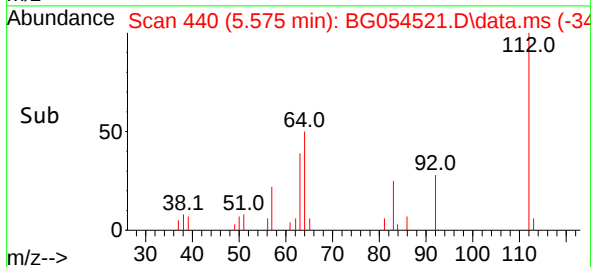
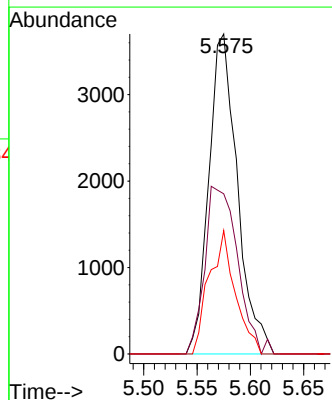
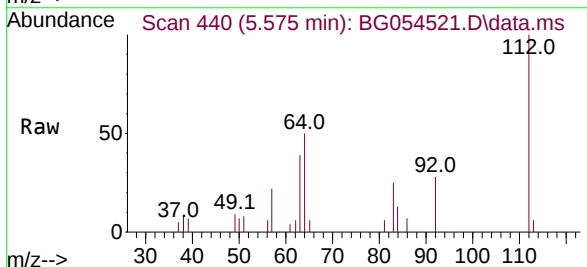
Instrument :
BNA_G
ClientSampleId :
600532979-C

Tgt Ion:152 Resp: 23785
Ion Ratio Lower Upper
152 100
150 166.2 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 6.057 ng
RT: 5.575 min Scan# 440
Delta R.T. 0.013 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

Tgt Ion:112 Resp: 6900
Ion Ratio Lower Upper
112 100
64 50.1 55.1 82.7#
63 38.5 30.4 45.6

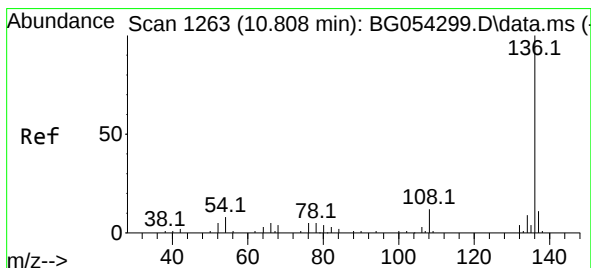
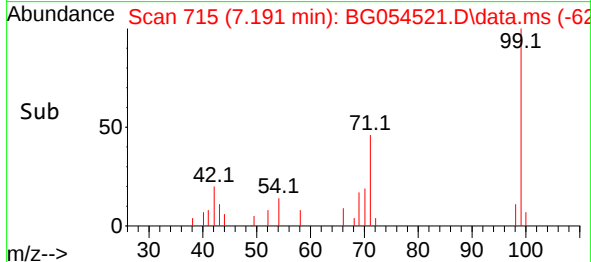
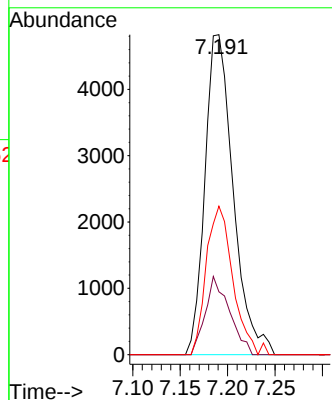
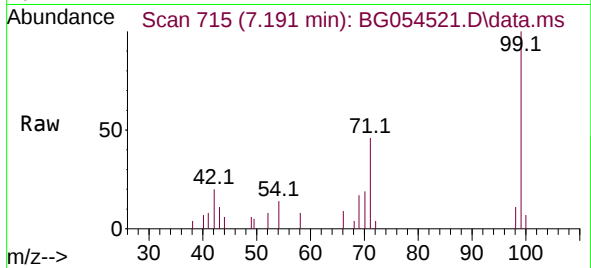




#7
Phenol-d6
Concen: 6.418 ng
RT: 7.191 min Scan# 71
Delta R.T. 0.019 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

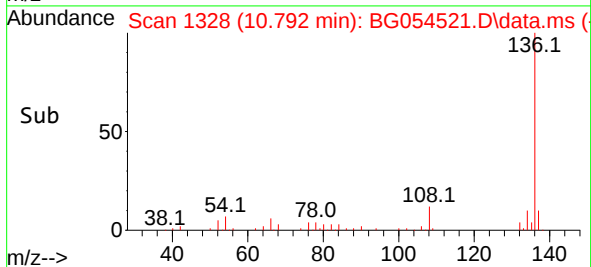
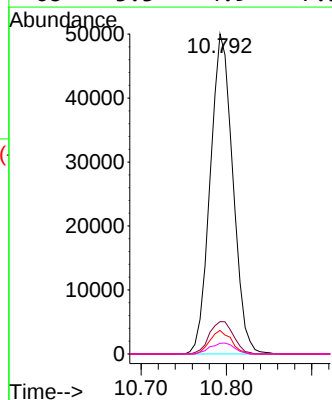
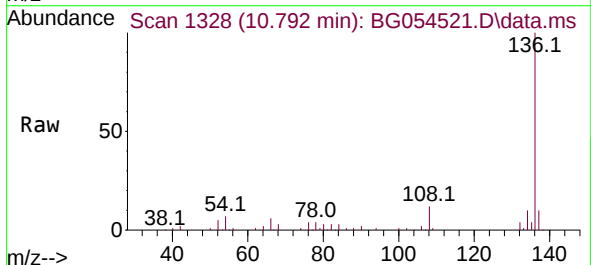
Instrument :
BNA_G
ClientSampleId :
600532979-C

Tgt Ion: 99 Resp: 10019
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 46.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

Tgt Ion: 136 Resp: 92178
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 7.3 7.4 11.2#
68 3.3 4.9 7.3#

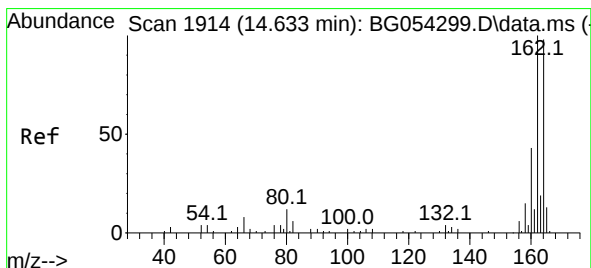
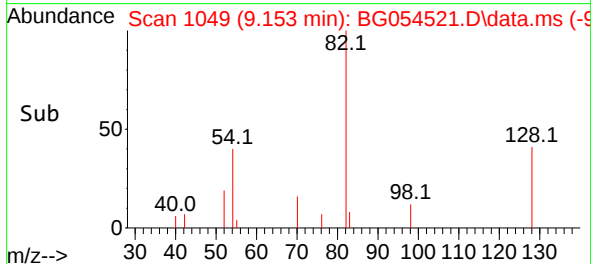
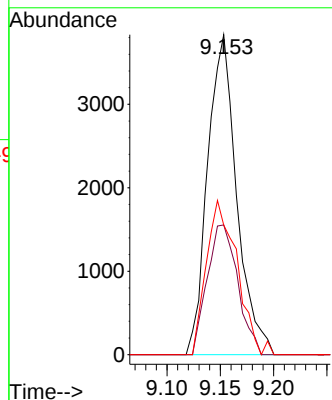
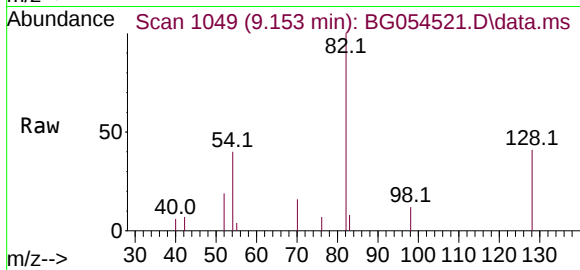




#23
 Nitrobenzene-d5
 Concen: 4.299 ng
 RT: 9.153 min Scan# 1049
 Delta R.T. 0.002 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

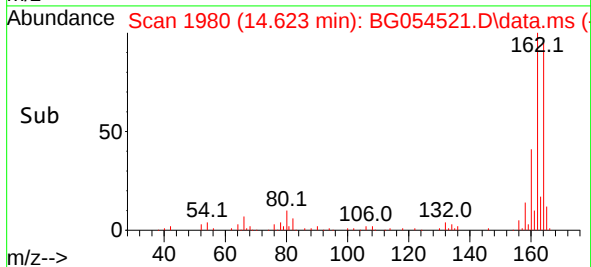
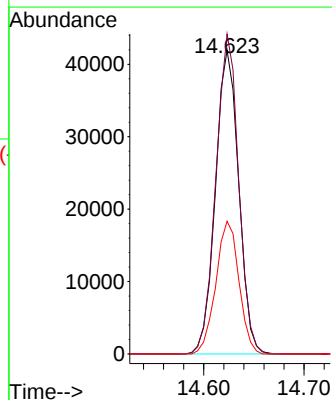
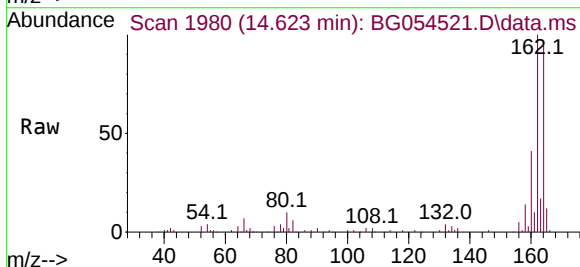
Instrument :
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 ClientSampleId :
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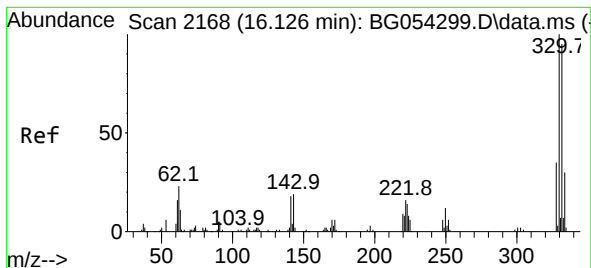
Tgt Ion: 82 Resp: 7276
 Ion Ratio Lower Upper
 82 100
 128 40.6 27.9 41.9
 54 40.5 41.2 61.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.623 min Scan# 1980
 Delta R.T. 0.001 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

Tgt Ion:164 Resp: 67399
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.3 123.5
 160 43.7 34.2 51.2

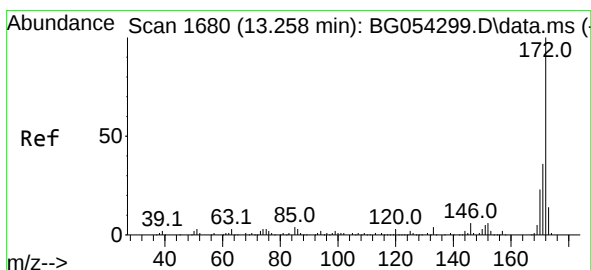
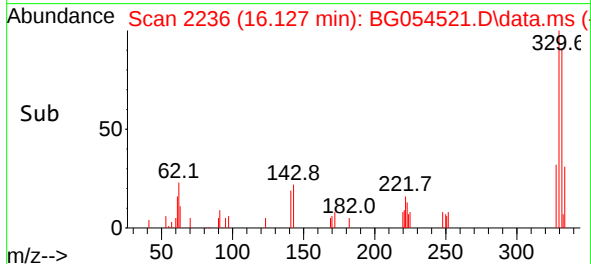
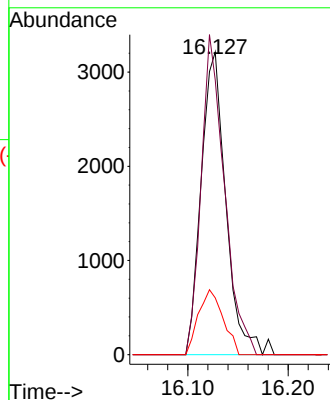
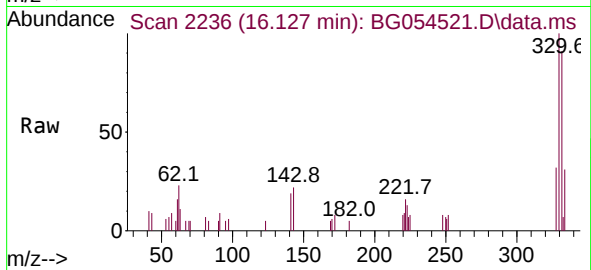




#42
 2,4,6-Tribromophenol
 Concen: 3.896 ng
 RT: 16.127 min Scan# 2168
 Delta R.T. 0.013 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

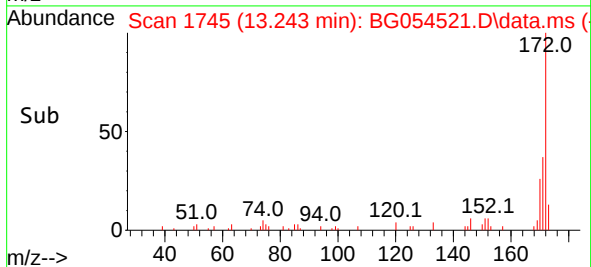
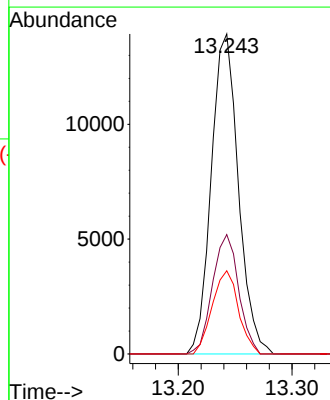
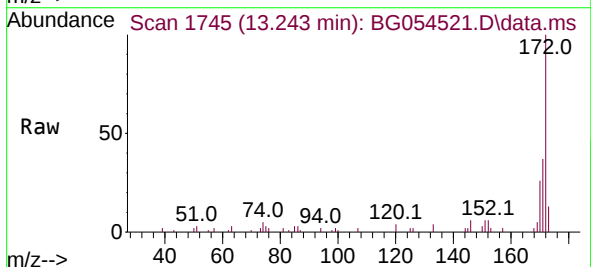
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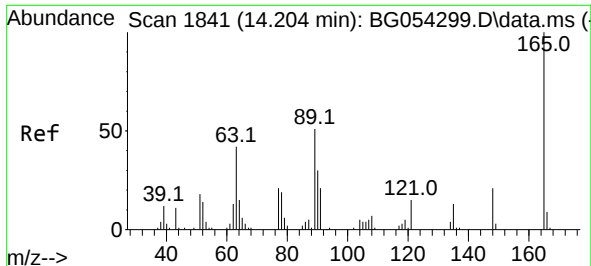
Tgt Ion:330 Resp: 5513
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.0 114.0
 141 21.3 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 4.831 ng
 RT: 13.243 min Scan# 1745
 Delta R.T. -0.004 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

Tgt Ion:172 Resp: 23081
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.5 42.7
 170 26.0 18.9 28.3

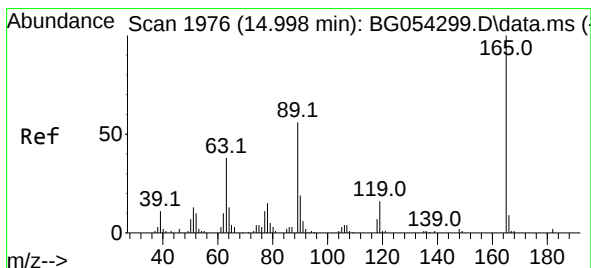
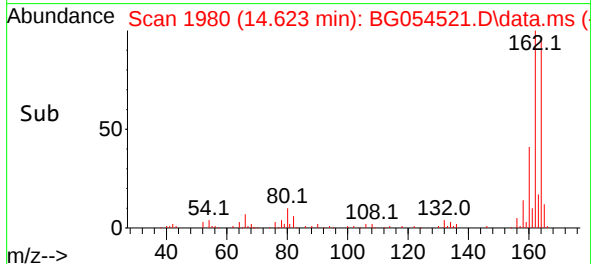
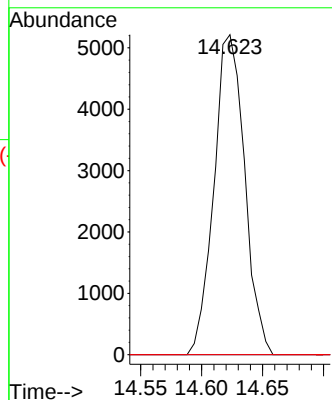
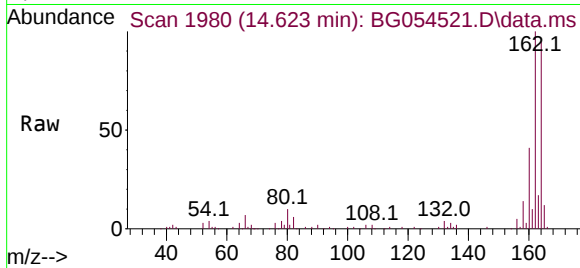




#51
2,6-Dinitrotoluene
Concen: 7.911 ng
RT: 14.623 min Scan# 1980
Delta R.T. 0.425 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

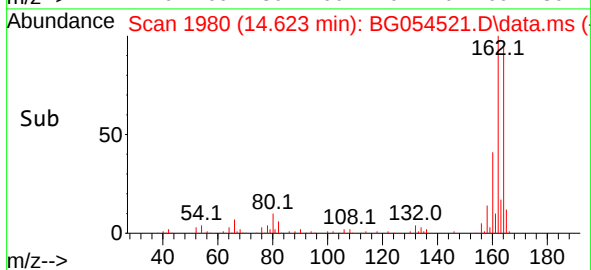
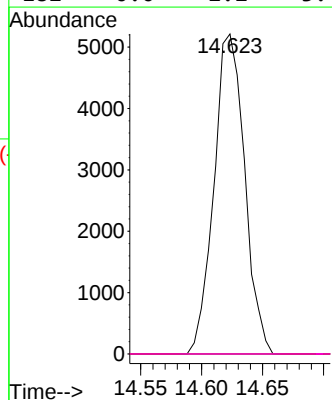
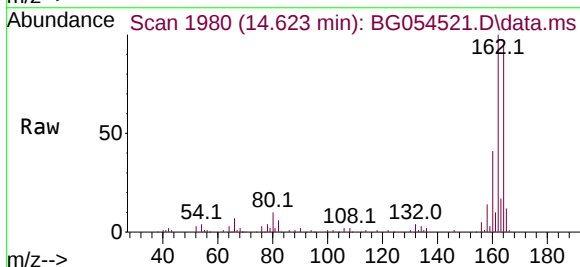
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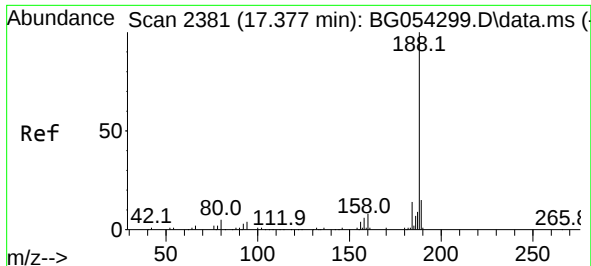
Tgt Ion:165 Resp: 9135
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.518 ng
RT: 14.623 min Scan# 1980
Delta R.T. -0.369 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

Tgt Ion:165 Resp: 9135
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

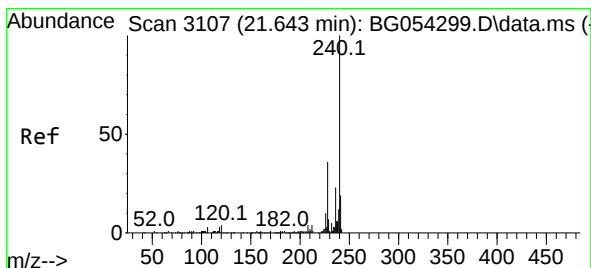
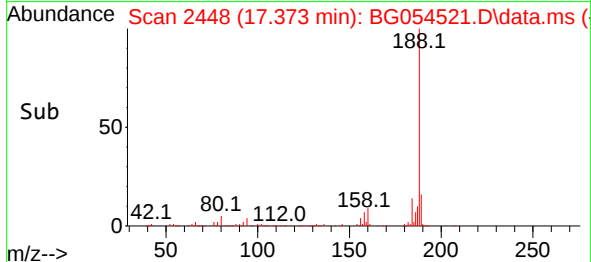
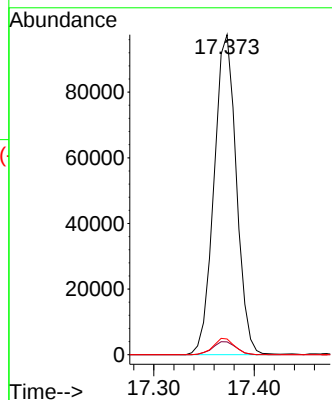
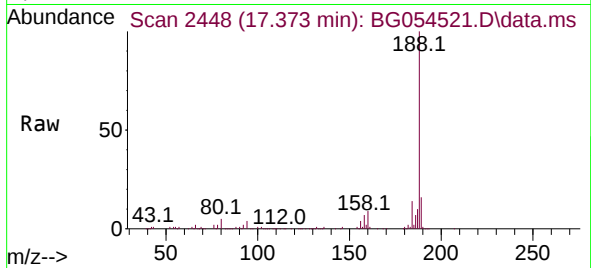




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.373 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

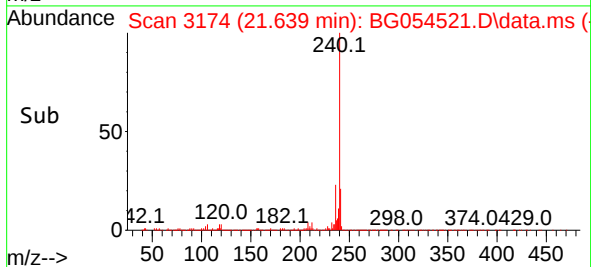
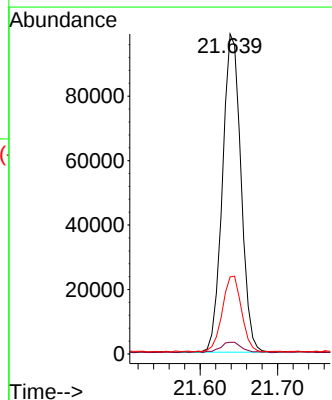
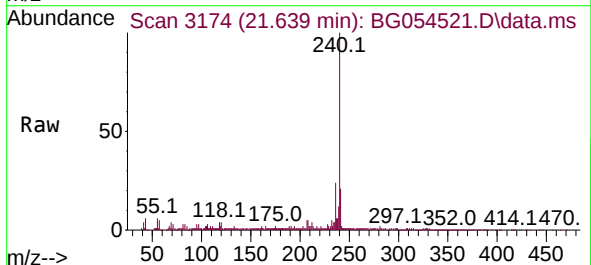
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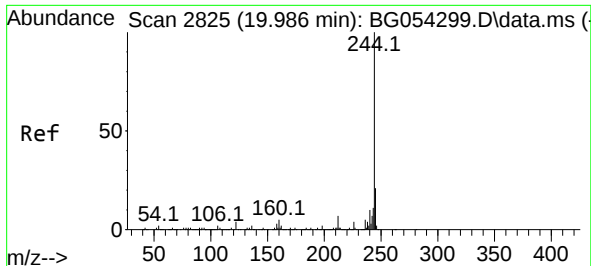
Tgt Ion:188 Resp: 150663
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.9 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG054521.D
Acq: 4 Aug 2022 16:19

Tgt Ion:240 Resp: 163481
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.1 20.2 30.4

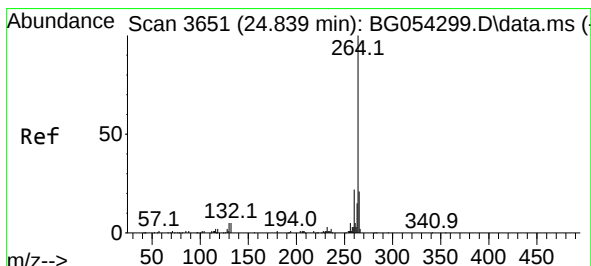
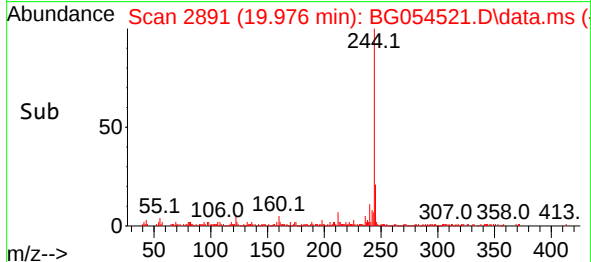
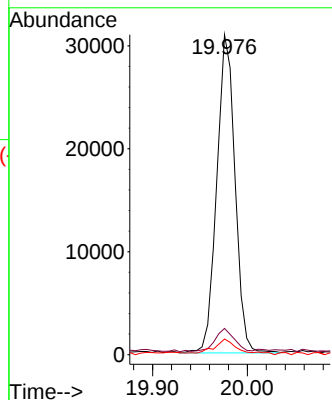
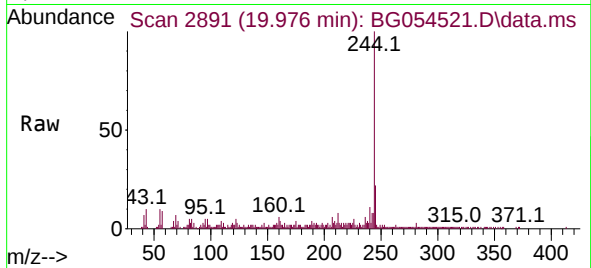




#79
 Terphenyl-d14
 Concen: 5.030 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

Instrument :
 BNA_G
 ClientSampleId :
 600532979-C

Tgt Ion:244 Resp: 41449
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.864 min Scan# 3723
 Delta R.T. 0.031 min
 Lab File: BG054521.D
 Acq: 4 Aug 2022 16:19

Tgt Ion:264 Resp: 167163
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.2 17.4 26.2

