

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052328.D
 Acq On : 8 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1387-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 24801

Quant Time: Feb 09 01:27:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

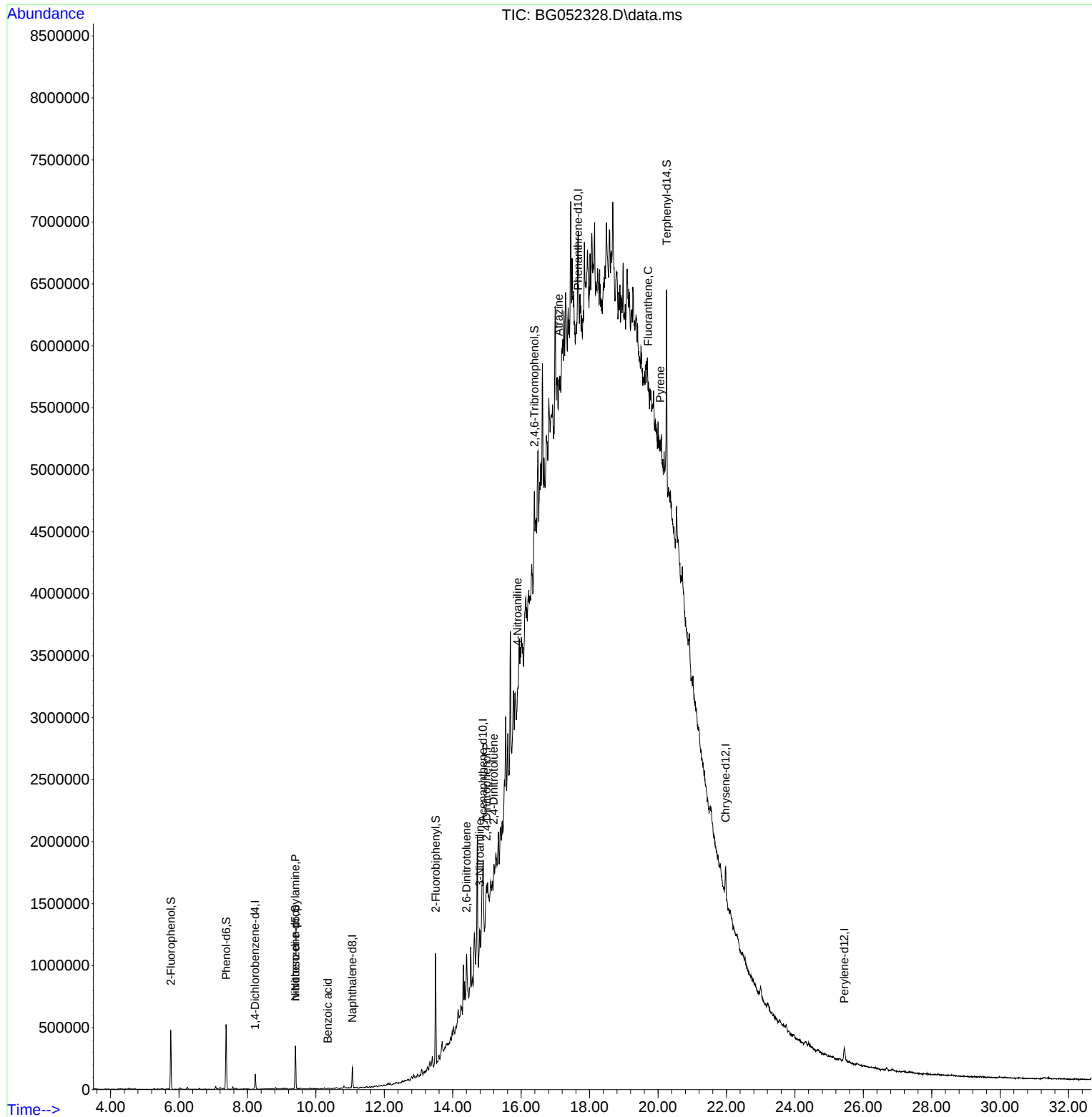
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	34954	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	143619	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	89650	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	172982	20.000	ng	# 0.04
76) Chrysene-d12	21.977	240	158213	20.000	ng	# 0.04
86) Perylene-d12	25.443	264	137915	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	199239	99.344	ng	0.00
7) Phenol-d6	7.374	99	300314	97.049	ng	0.00
23) Nitrobenzene-d5	9.400	82	215178	65.116	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	125468	97.416	ng	0.03
45) 2-Fluorobiphenyl	13.501	172	458418	71.053	ng	0.00
79) Terphenyl-d14	20.250	244	649863	72.533	ng	0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.400	70	31096	13.329	ng	# 75
32) Benzoic acid	10.346	122	65	6.021	ng	# 37
51) 2,6-Dinitrotoluene	14.400	165	64432	43.476	ng	# 20
53) 3-Nitroaniline	14.793	138	9387	6.094	ng	# 23
54) 2,4-Dinitrophenol	14.987	184	75	4.979	ng	# 1
57) 2,4-Dinitrotoluene	15.198	165	5939	2.816	ng	# 29
62) 4-Nitroaniline	15.892	138	5128	3.162	ng	81
69) Atrazine	17.102	200	8478	4.400	ng	# 1
75) Fluoranthene	19.710	202	28534	2.513	ng	# 1
78) Pyrene	20.068	202	24175	2.284	ng	# 9

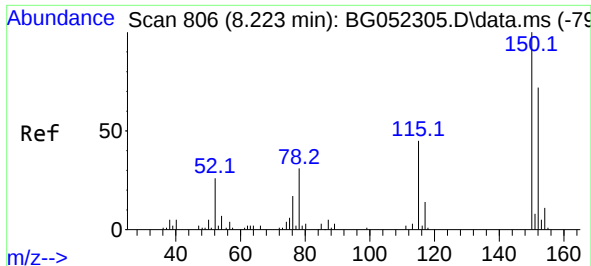
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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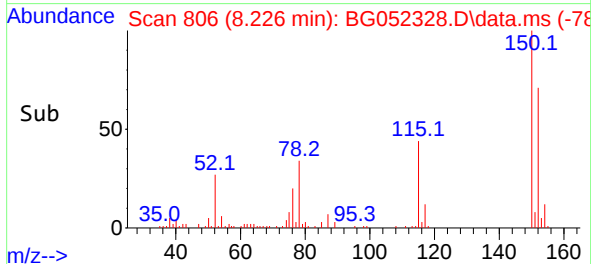
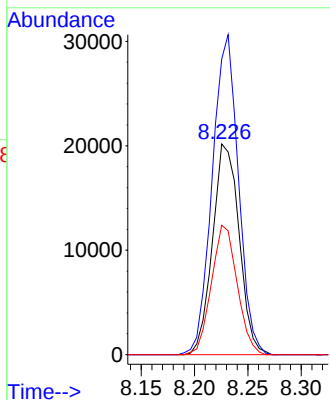
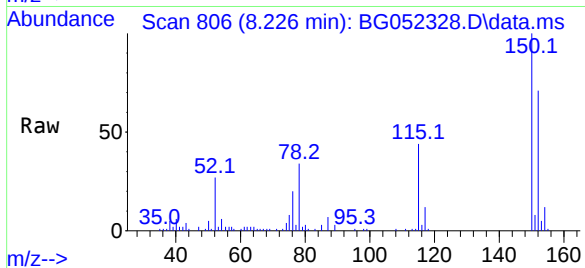




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

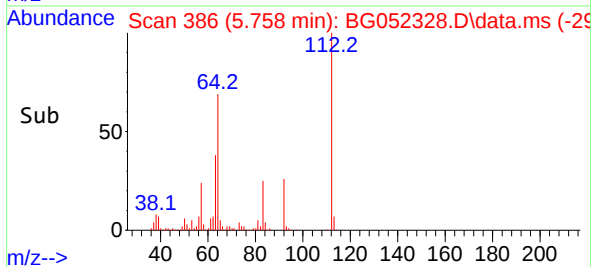
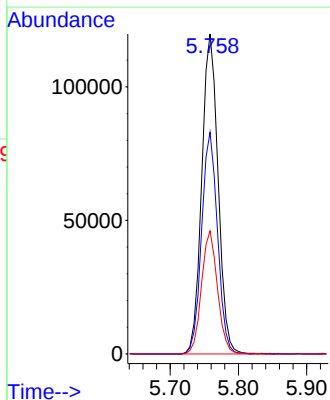
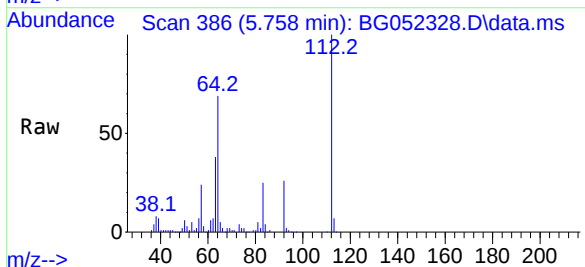
Instrument :
BNA_G
ClientSampleId :
24801

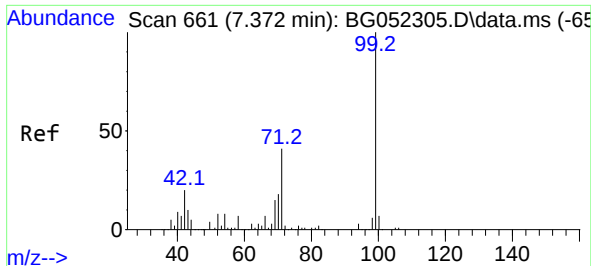
Tgt Ion:152 Resp: 34954
Ion Ratio Lower Upper
152 100
150 140.3 117.8 176.8
115 61.4 50.2 75.2



#5
2-Fluorophenol
Concen: 99.344 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

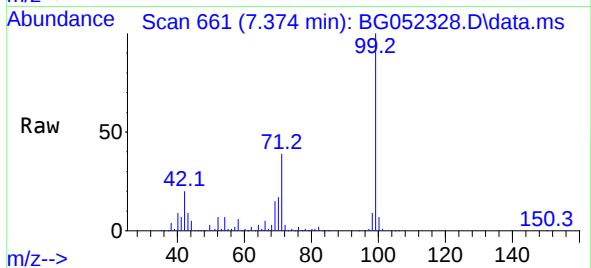
Tgt Ion:112 Resp: 199239
Ion Ratio Lower Upper
112 100
64 69.3 60.4 90.6
63 38.5 33.3 49.9



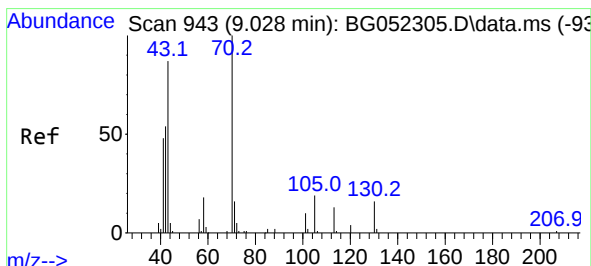
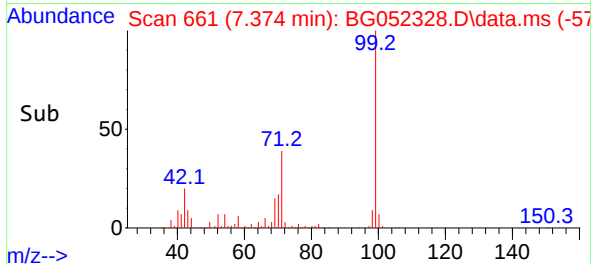
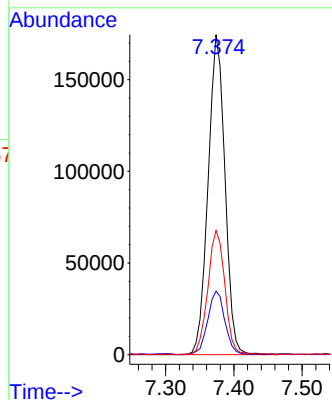


#7
Phenol-d6
Concen: 97.049 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Instrument :
BNA_G
ClientSampleId :
24801

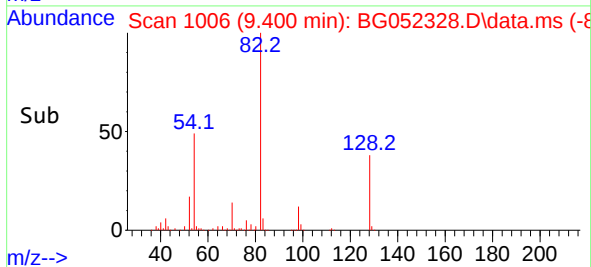
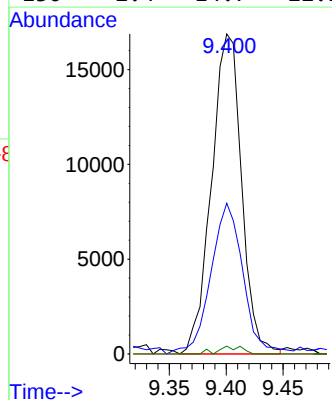
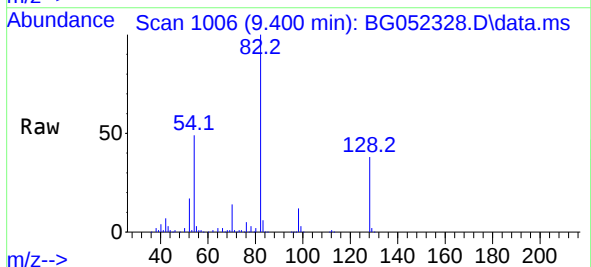


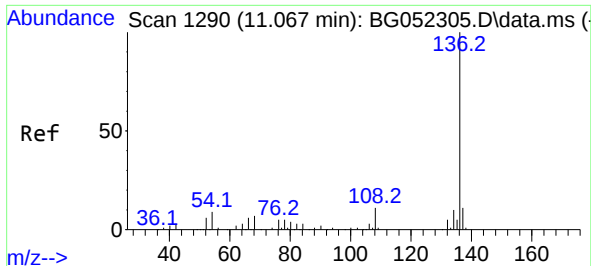
Tgt Ion: 99 Resp: 300314
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 38.8 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.329 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.372 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion: 70 Resp: 31096
Ion Ratio Lower Upper
70 100
42 47.1 51.8 77.6#
101 0.0 6.6 10.0#
130 2.4 14.7 22.1#



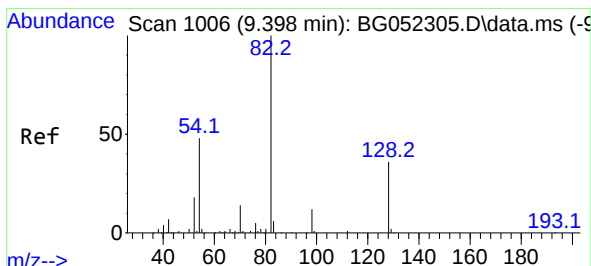
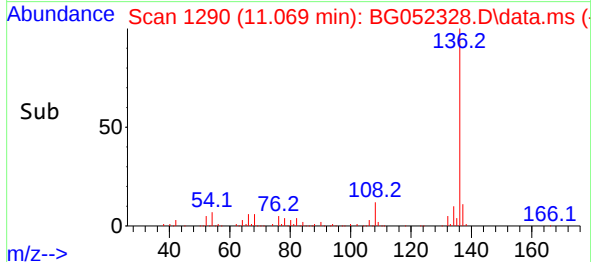
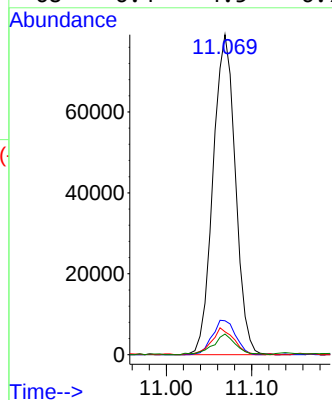
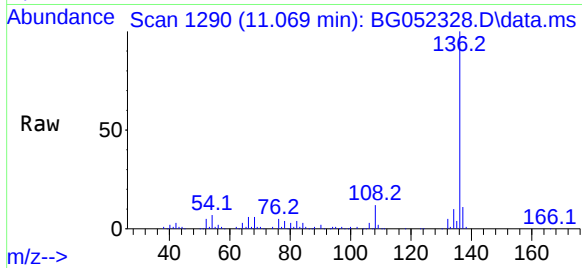


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Instrument :
BNA_G
ClientSampleId :
24801

Tgt Ion:136 Resp: 143619

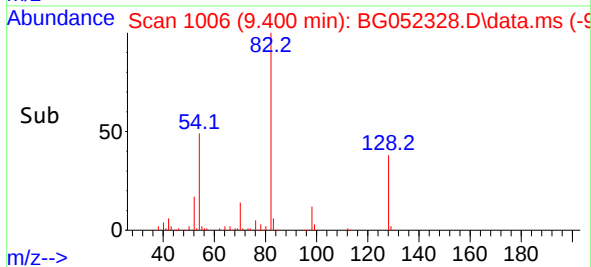
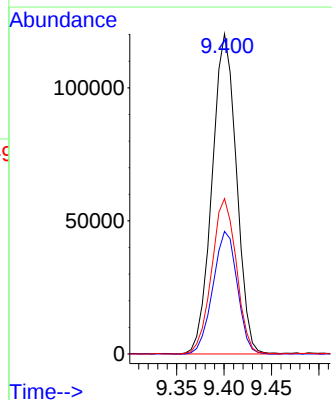
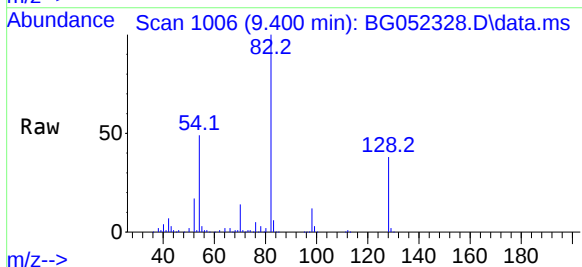
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.1	8.3	12.5
68	6.4	4.5	6.7

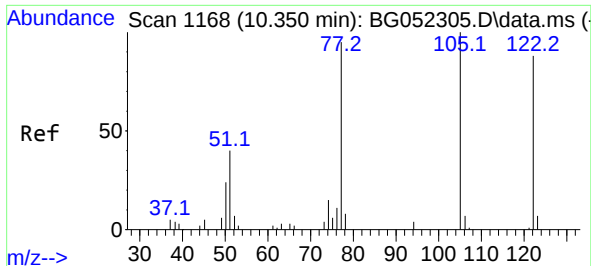


#23
Nitrobenzene-d5
Concen: 65.116 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion: 82 Resp: 215178

Ion	Ratio	Lower	Upper
82	100		
128	38.3	27.0	40.4
54	48.6	41.0	61.6

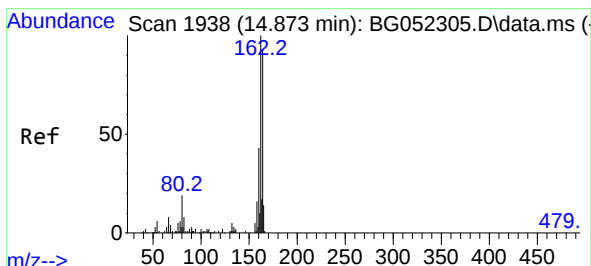
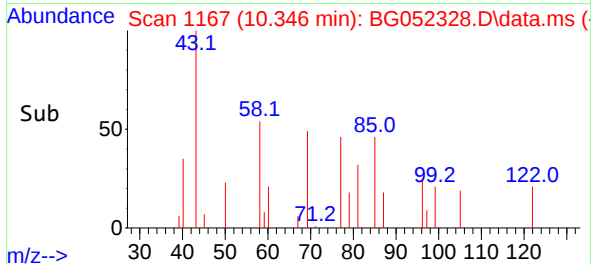
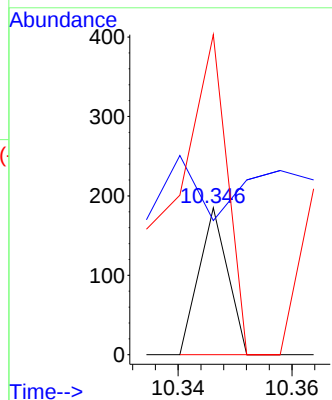
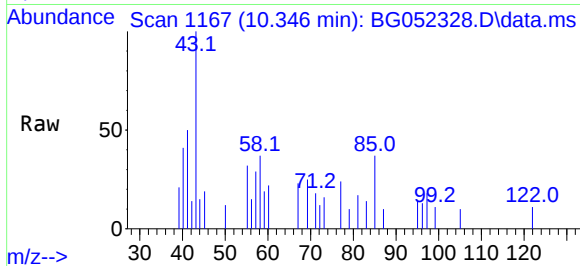




#32
Benzoic acid
Concen: 6.021 ng
RT: 10.346 min Scan# 1168
Delta R.T. -0.004 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

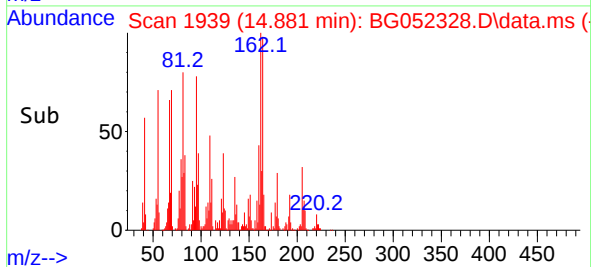
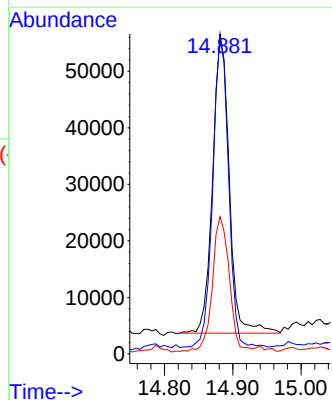
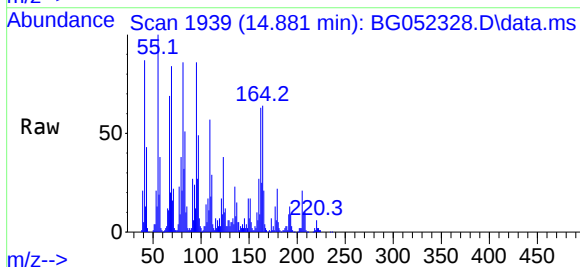
Instrument :
BNA_G
ClientSampleId :
24801

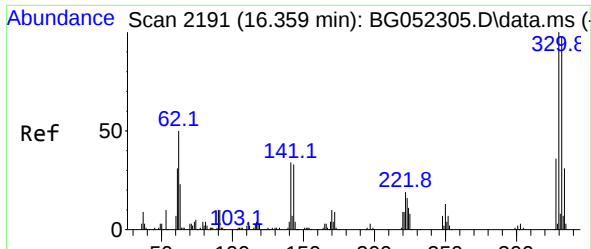
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 91.4 109.2 149.2#
77 217.8 92.8 132.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.008 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

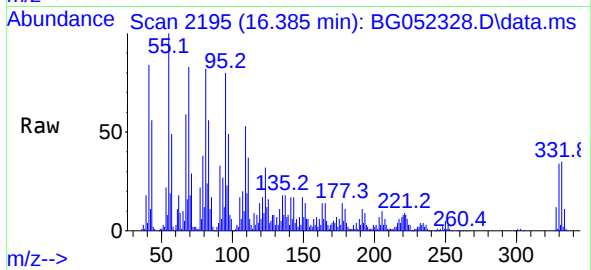
Tgt Ion:164 Resp: 89650
Ion Ratio Lower Upper
164 100
162 98.9 82.2 123.2
160 42.9 36.2 54.2



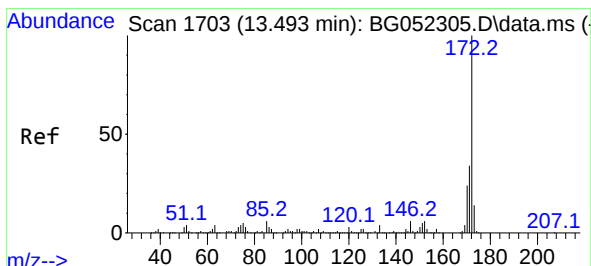
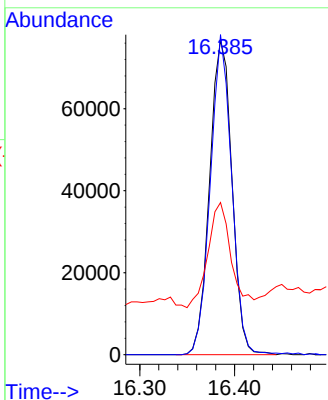
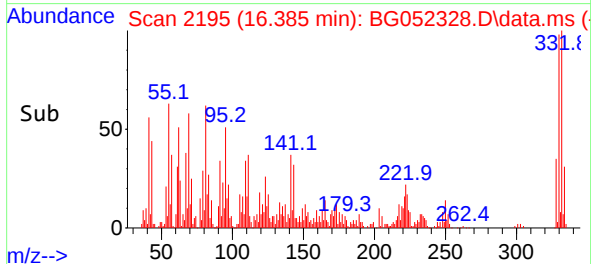


#42
2,4,6-Tribromophenol
Concen: 97.416 ng
RT: 16.385 min Scan# 2195
Delta R.T. 0.026 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

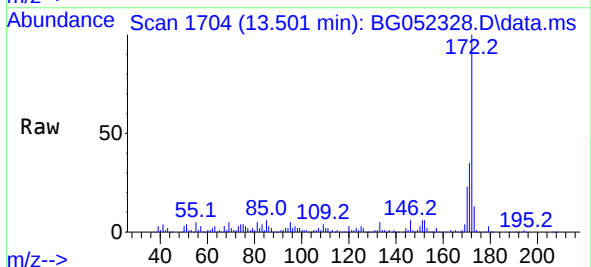
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BNA_G
ClientSampleId :
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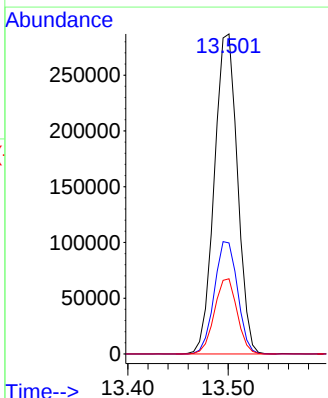
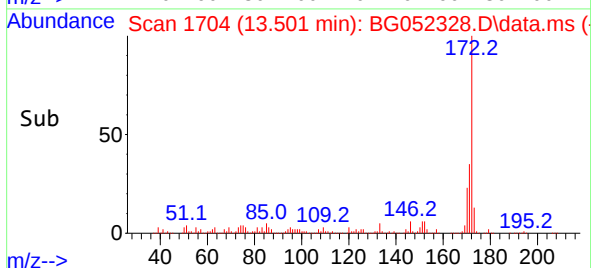
Tgt Ion:330 Resp: 125468
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 34.5 28.8 43.2

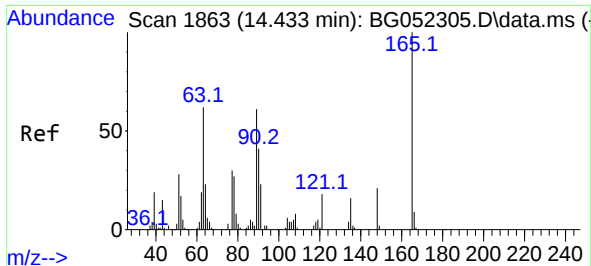


#45
2-Fluorobiphenyl
Concen: 71.053 ng
RT: 13.501 min Scan# 1704
Delta R.T. 0.008 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44



Tgt Ion:172 Resp: 458418
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 18.3 27.5

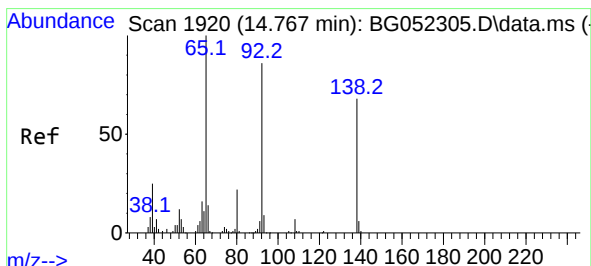
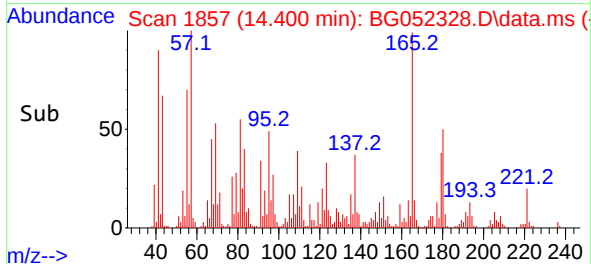
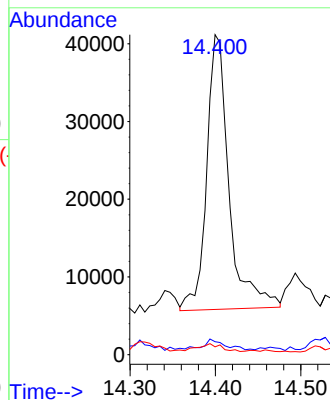
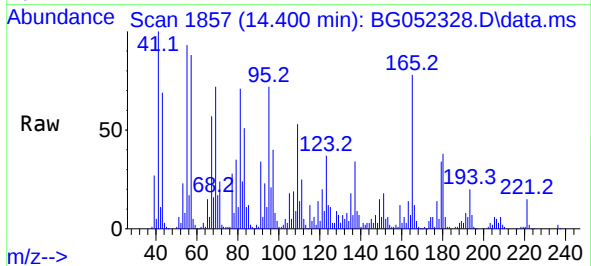




#51
2,6-Dinitrotoluene
Concen: 43.476 ng
RT: 14.400 min Scan# 1863
Delta R.T. -0.033 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

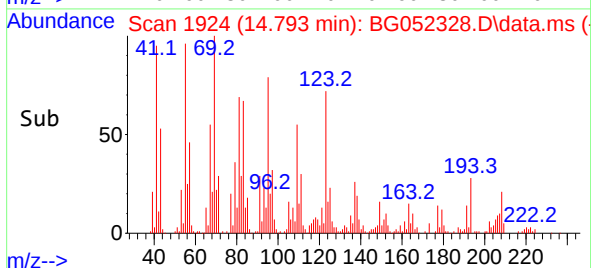
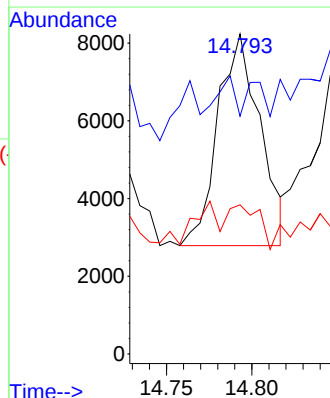
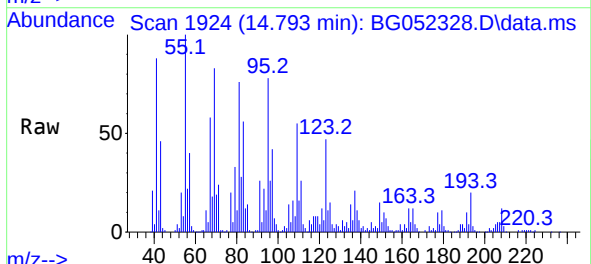
Instrument :
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ClientSampleId :
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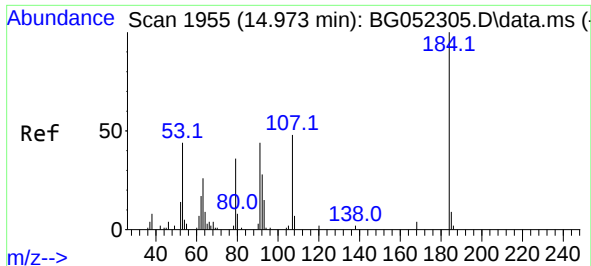
Tgt Ion:165 Resp: 64432
Ion Ratio Lower Upper
165 100
63 4.0 59.0 88.4#
89 2.5 49.4 74.0#



#53
3-Nitroaniline
Concen: 6.094 ng
RT: 14.793 min Scan# 1924
Delta R.T. 0.026 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:138 Resp: 9387
Ion Ratio Lower Upper
138 100
108 74.3 7.8 11.8#
92 46.6 100.4 150.6#

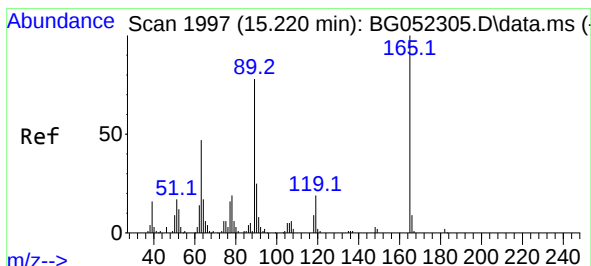
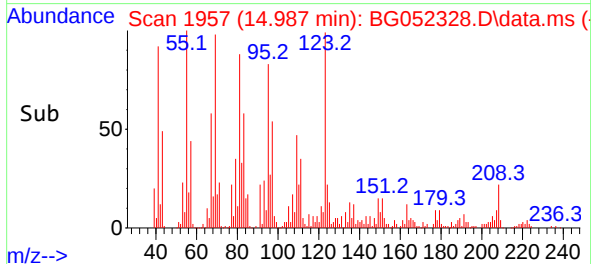
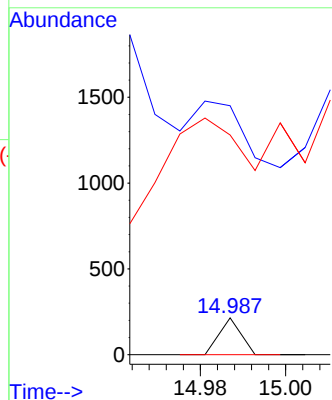
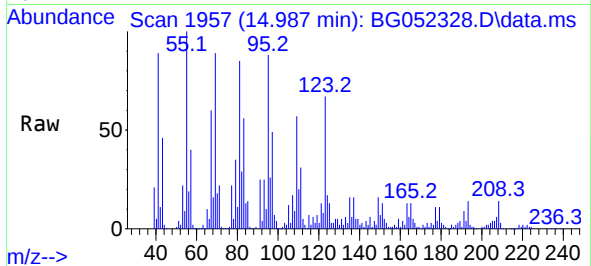




#54
2,4-Dinitrophenol
Concen: 4.979 ng
RT: 14.987 min Scan# 1955
Delta R.T. 0.014 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

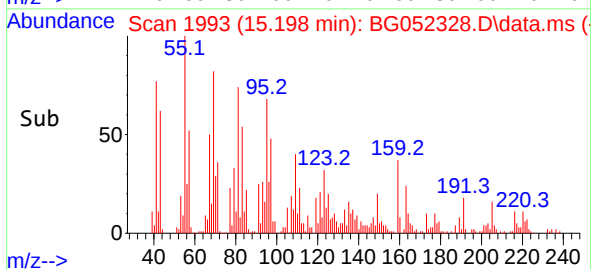
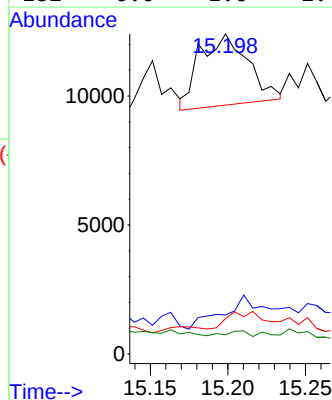
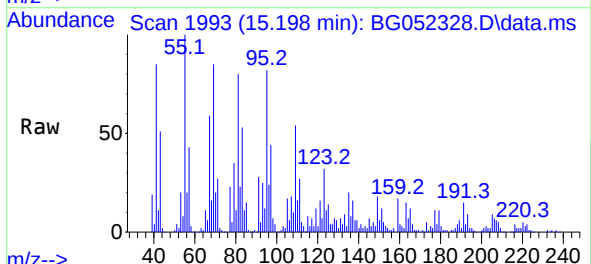
Instrument :
BNA_G
ClientSampleId :
24801

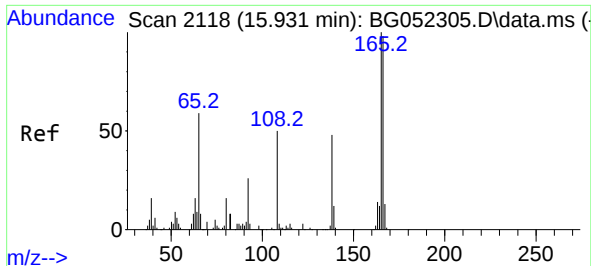
Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 678.0 56.0 84.0#
154 598.1 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 2.816 ng
RT: 15.198 min Scan# 1993
Delta R.T. -0.021 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:165 Resp: 5939
Ion Ratio Lower Upper
165 100
63 12.2 44.6 66.8#
89 11.0 67.4 101.0#
182 6.0 1.6 2.4#

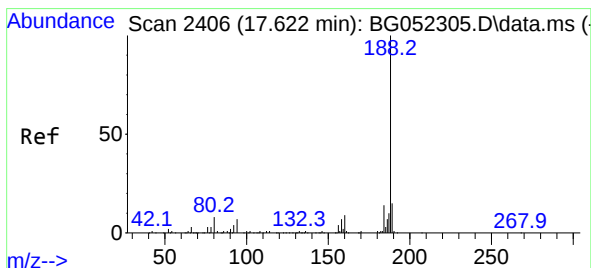
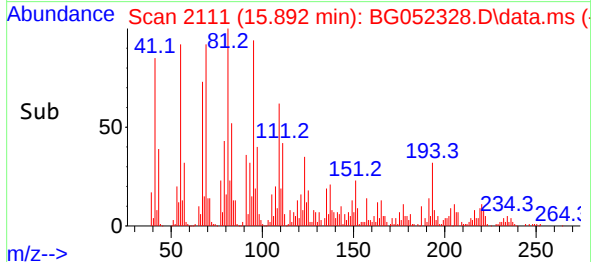
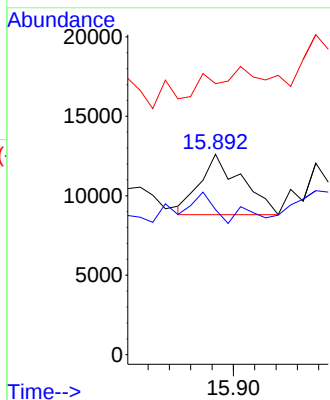
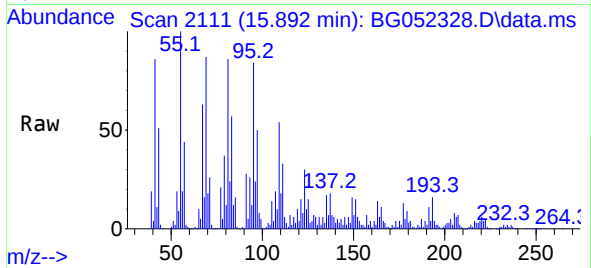




#62
4-Nitroaniline
Concen: 3.162 ng
RT: 15.892 min Scan# 2118
Delta R.T. -0.039 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

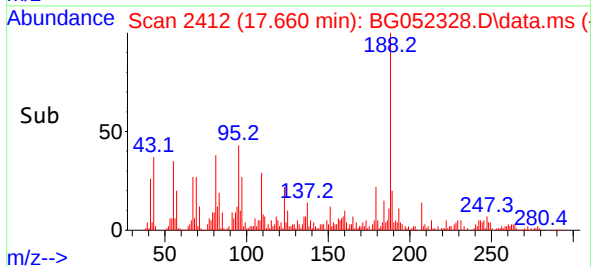
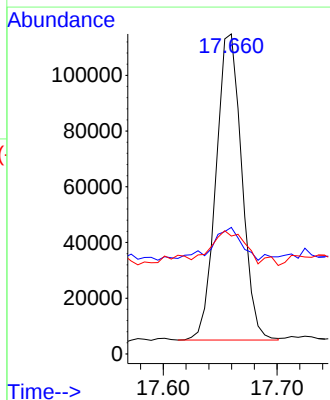
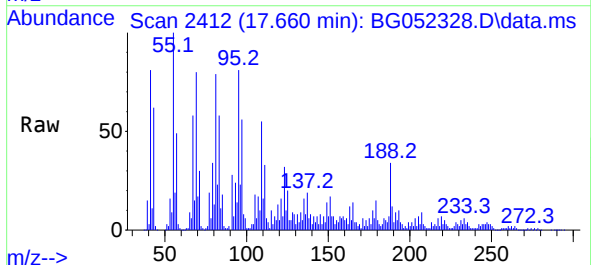
Instrument :
BNA_G
ClientSampleId :
24801

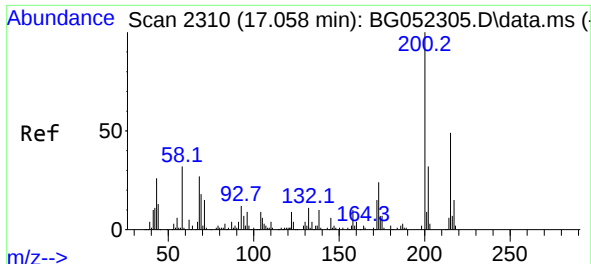
Tgt Ion:138 Resp: 5128
Ion Ratio Lower Upper
138 100
92 72.4 35.5 75.5
108 135.2 96.4 136.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2412
Delta R.T. 0.037 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:188 Resp: 172982
Ion Ratio Lower Upper
188 100
94 39.5 5.9 8.9#
80 36.8 6.6 10.0#

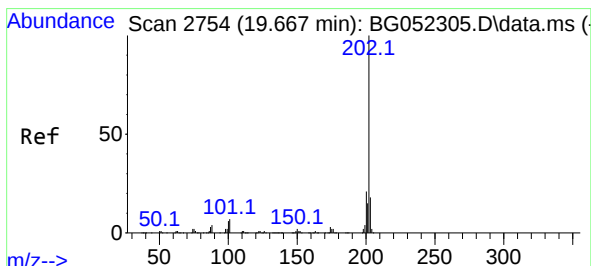
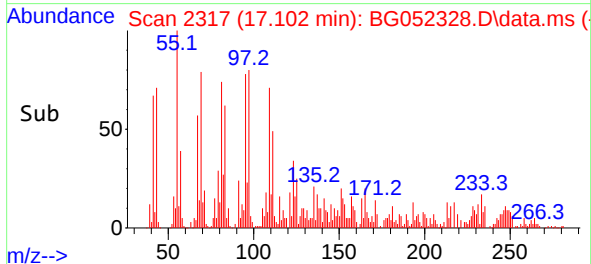
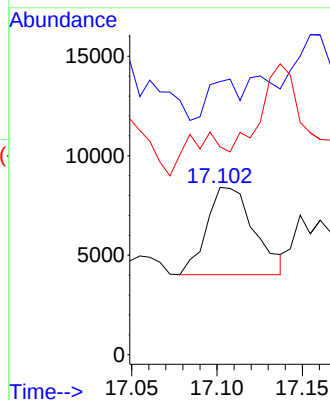
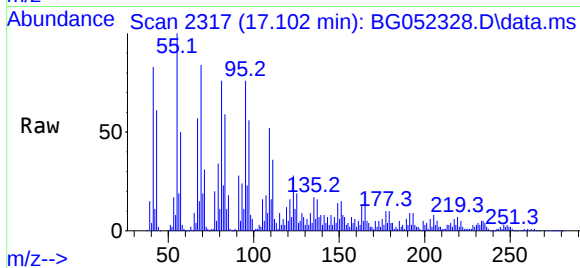




#69
 Atrazine
 Concen: 4.400 ng
 RT: 17.102 min Scan# 21
 Delta R.T. 0.043 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

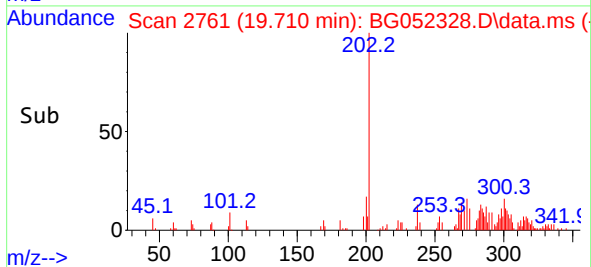
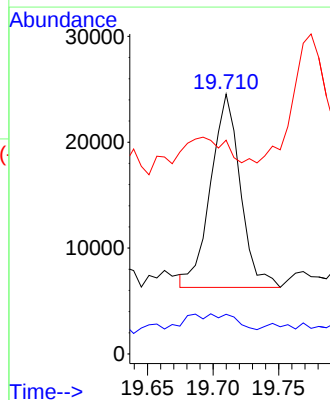
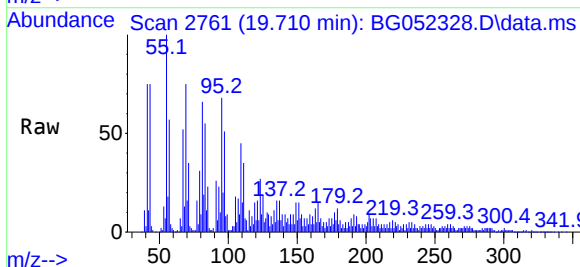
Instrument :
 BNA_G
 ClientSampleId :
 24801

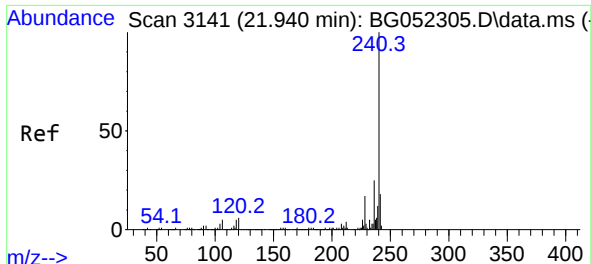
Tgt Ion:200 Resp: 8478
 Ion Ratio Lower Upper
 200 100
 173 163.4 3.3 43.3#
 215 124.4 24.4 64.4#



#75
 Fluoranthene
 Concen: 2.513 ng
 RT: 19.710 min Scan# 2761
 Delta R.T. 0.043 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

Tgt Ion:202 Resp: 28534
 Ion Ratio Lower Upper
 202 100
 101 15.3 0.0 27.1
 203 82.3 0.0 37.8#

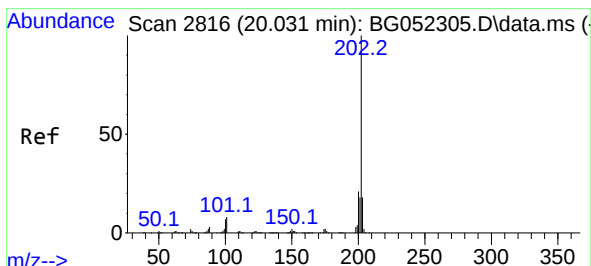
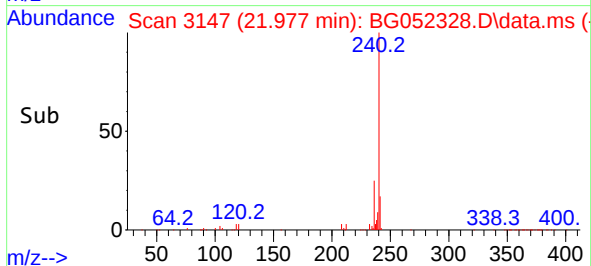
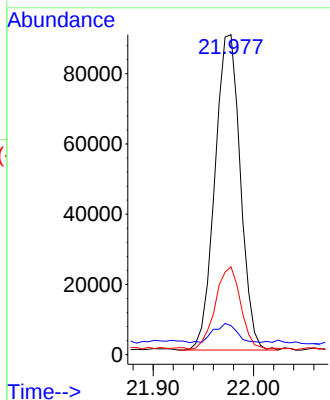
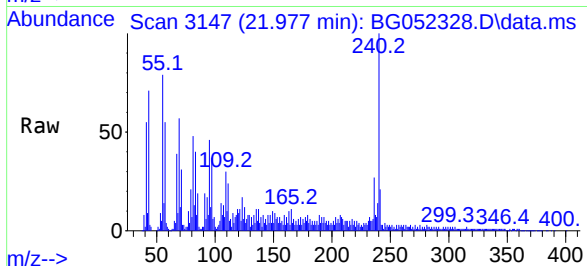




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3141
Delta R.T. 0.037 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

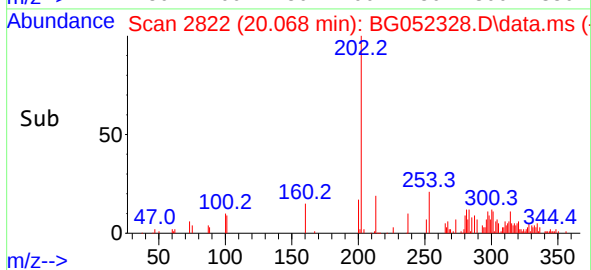
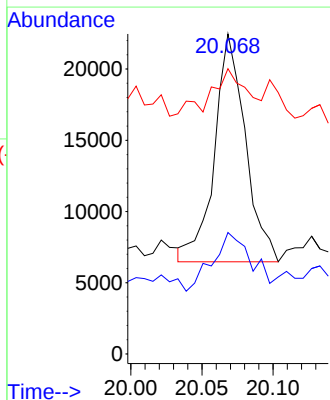
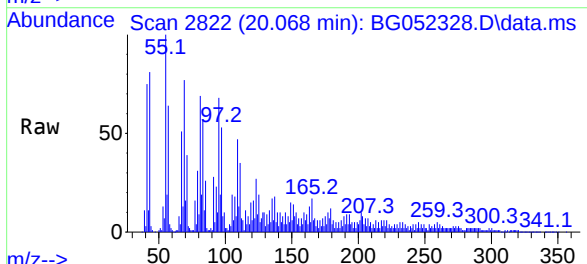
Instrument :
BNA_G
ClientSampleId :
24801

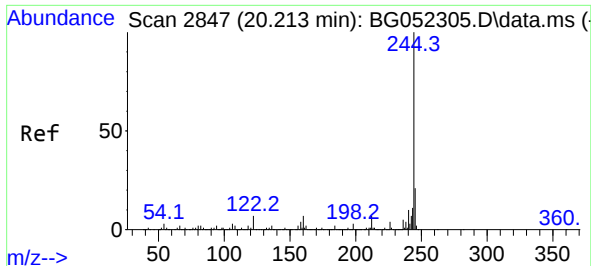
Tgt Ion:240 Resp: 158213
Ion Ratio Lower Upper
240 100
120 9.1 4.4 6.6#
236 27.5 20.8 31.2



#78
Pyrene
Concen: 2.284 ng
RT: 20.068 min Scan# 2822
Delta R.T. 0.037 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:202 Resp: 24175
Ion Ratio Lower Upper
202 100
200 38.0 17.4 26.2#
203 89.2 14.5 21.7#

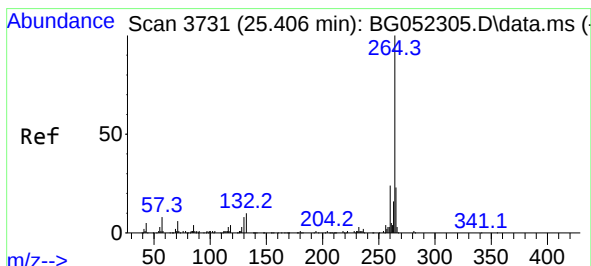
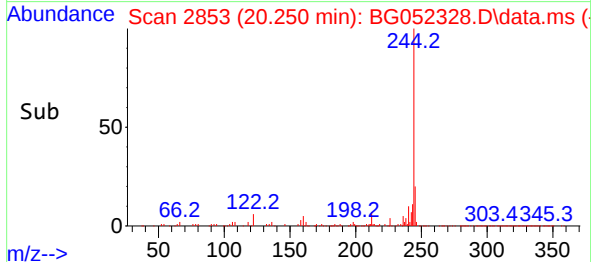
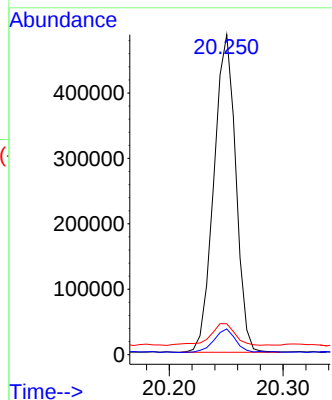
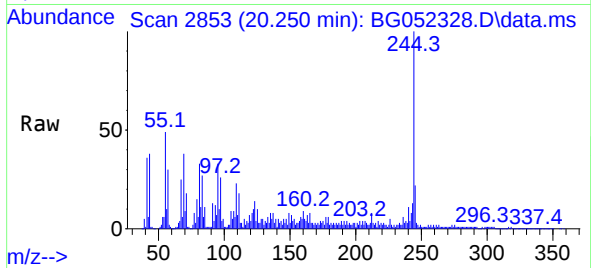




#79
 Terphenyl-d14
 Concen: 72.533 ng
 RT: 20.250 min Scan# 21
 Delta R.T. 0.037 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

Instrument :
 BNA_G
 ClientSampleId :
 24801

Tgt Ion:244 Resp: 649863
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.443 min Scan# 3737
 Delta R.T. 0.037 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

Tgt Ion:264 Resp: 137915
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.5 27.7
 265 21.0 17.8 26.6

