

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052314.D
 Acq On : 8 Feb 2022 11:51
 Operator : CG/JU
 Sample : N1381-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DB-05(20-22)-02-01-22

Quant Time: Feb 08 12:25:59 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)

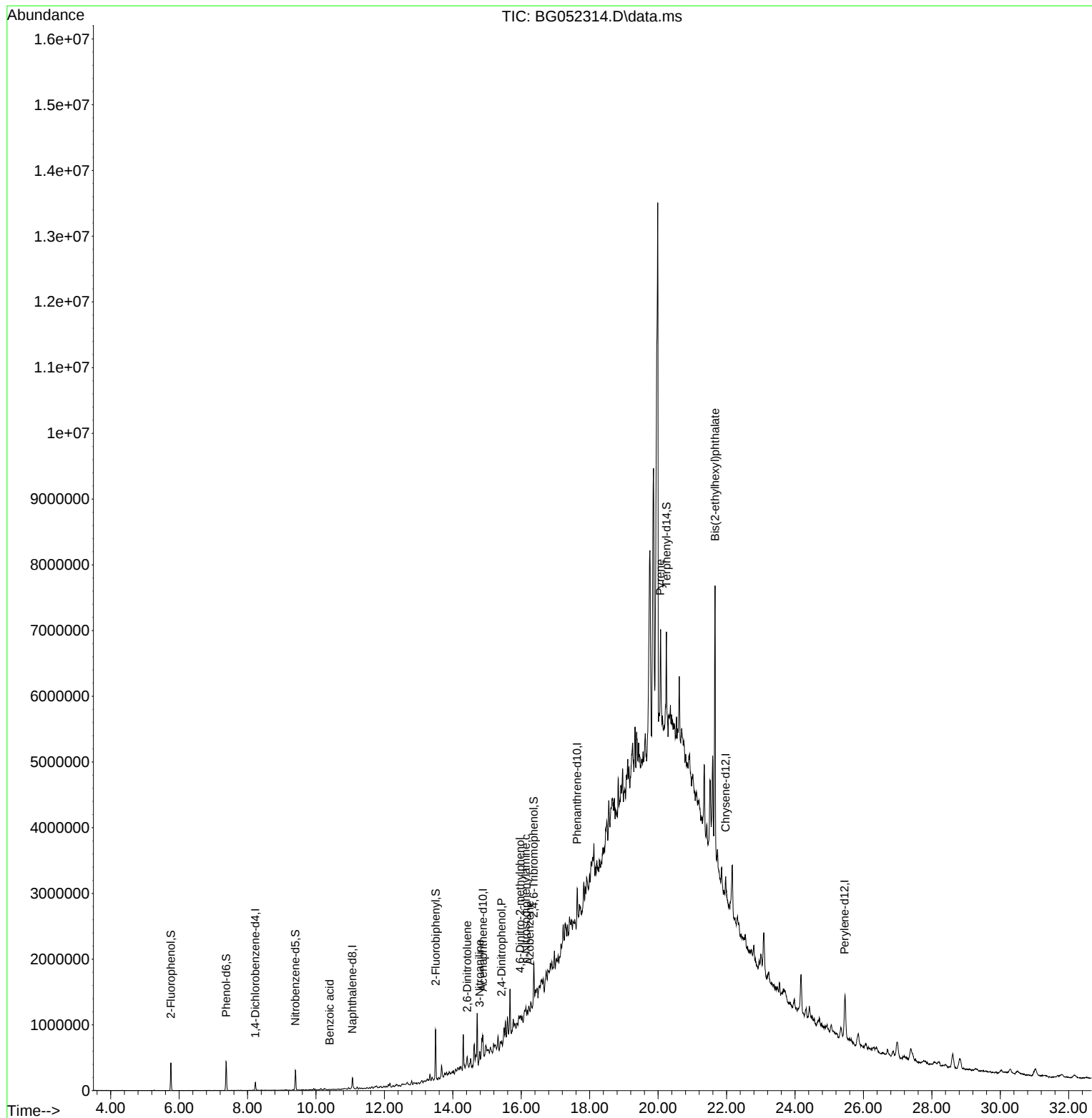
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	34183	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	130063	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	76906	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	165162	20.000	ng	# 0.01
76) Chrysene-d12	21.974	240	173324	20.000	ng	# 0.03
86) Perylene-d12	25.452	264	170742	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	176453	89.967	ng	0.01
7) Phenol-d6	7.371	99	248293	82.048	ng	0.00
23) Nitrobenzene-d5	9.397	82	188061	62.841	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	92852	84.038	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	371196	67.067	ng	0.00
79) Terphenyl-d14	20.241	244	590865	60.199	ng	0.03
Target Compounds						
9) Benzaldehyde	7.353	77	223	Below Cal		Qvalue # 38
32) Benzoic acid	10.402	122	73	6.032	ng	# 64
51) 2,6-Dinitrotoluene	14.420	165	6891	5.420	ng	# 33
53) 3-Nitroaniline	14.784	138	7526	5.695	ng	# 20
54) 2,4-Dinitrophenol	15.424	184	2624	8.031	ng	# 90
63) Azobenzene	16.241	77	28045	4.603	ng	# 5
65) 4,6-Dinitro-2-methylph...	15.965	198	3302	3.323	ng	# 1
66) n-Nitrosodiphenylamine	16.129	169	32075	7.048	ng	# 38
78) Pyrene	20.065	202	30961	2.670	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.663	149	1855038	332.079	ng	# 57

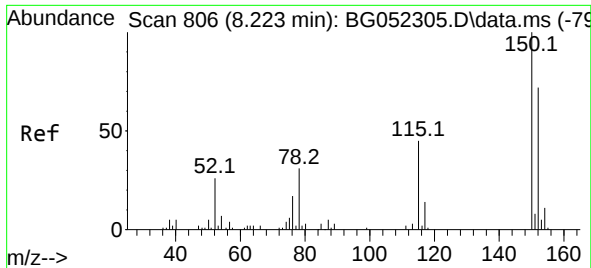
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

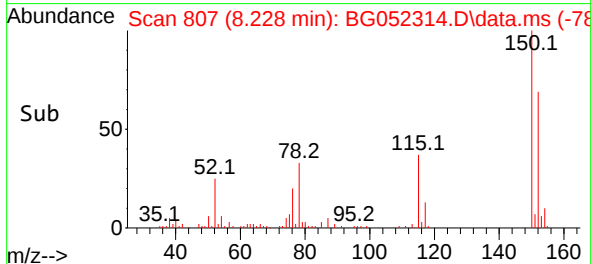
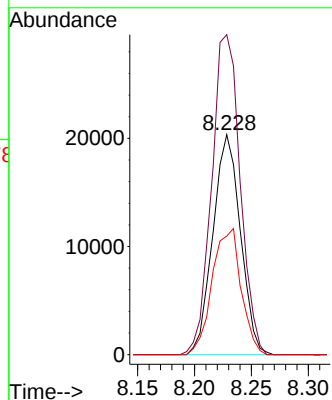
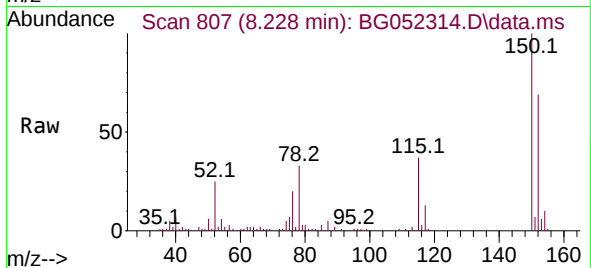




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

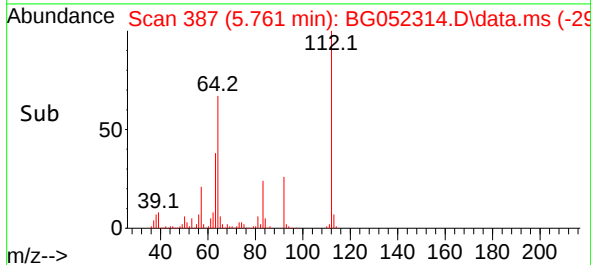
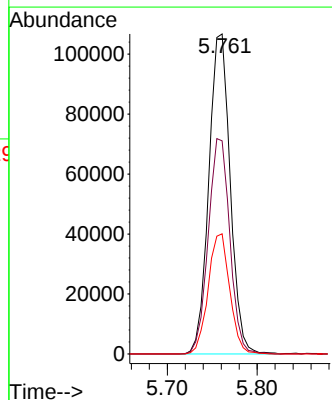
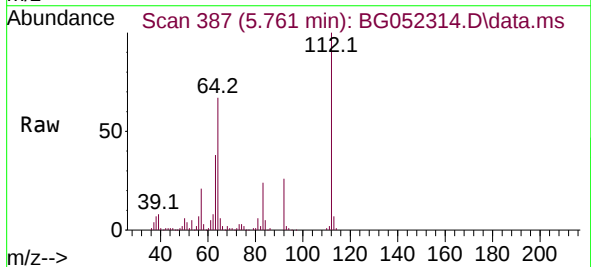
Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

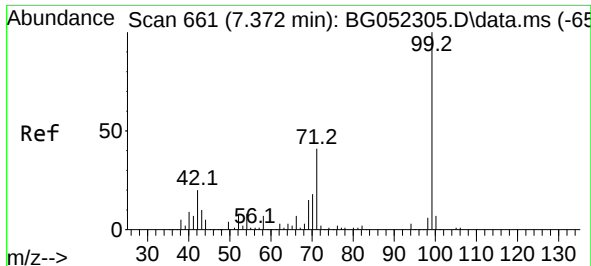
Tgt Ion:152 Resp: 34183
Ion Ratio Lower Upper
152 100
150 145.4 117.8 176.8
115 53.9 50.2 75.2



#5
2-Fluorophenol
Concen: 89.967 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.011 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:112 Resp: 176453
Ion Ratio Lower Upper
112 100
64 66.6 60.4 90.6
63 37.6 33.3 49.9

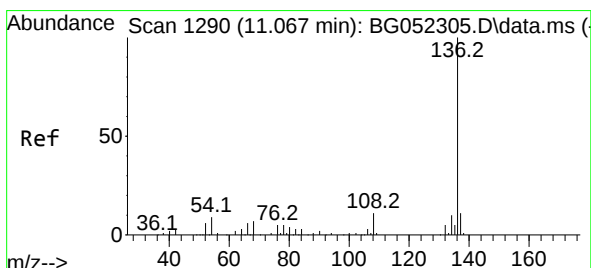
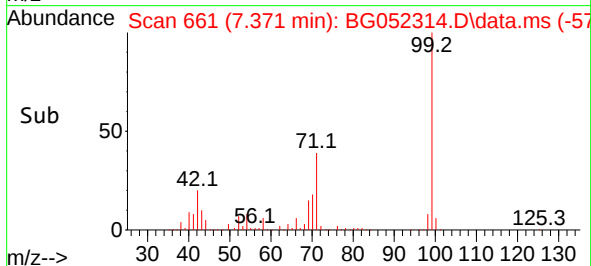
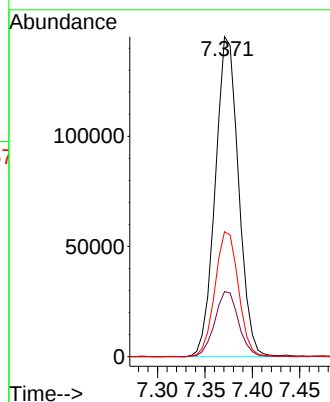
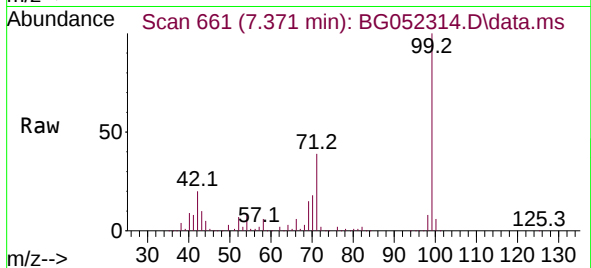




#7
Phenol-d6
Concen: 82.048 ng
RT: 7.371 min Scan# 661
Delta R.T. -0.001 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

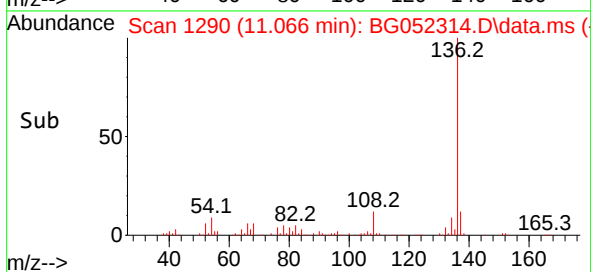
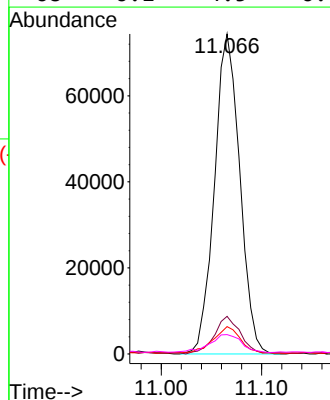
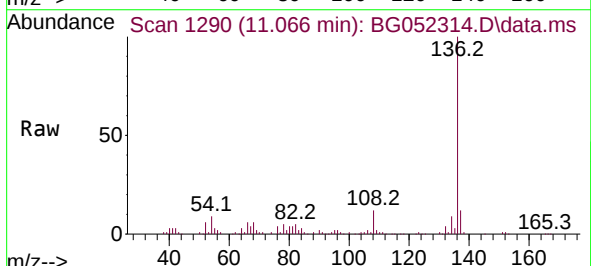
Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

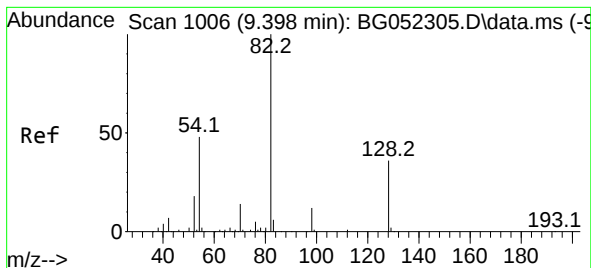
Tgt Ion: 99 Resp: 248293
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 39.0 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:136 Resp: 130063
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.6 8.3 12.5
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 62.841 ng

RT: 9.397 min Scan# 1106

Delta R.T. -0.001 min

Lab File: BG052314.D

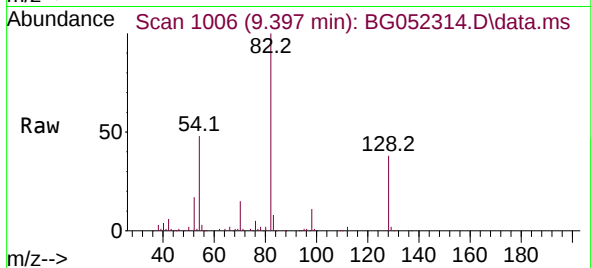
Acq: 8 Feb 2022 11:51

Instrument :

BNA_G

ClientSampleId :

DB-05(20-22)-02-01-22



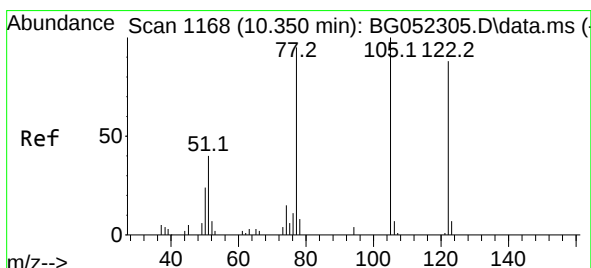
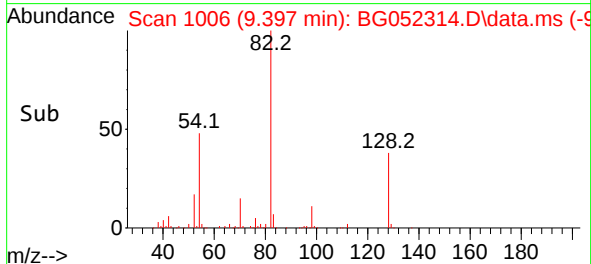
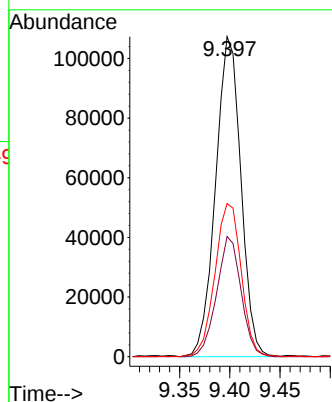
Tgt Ion: 82 Resp: 188061

Ion Ratio Lower Upper

82 100

128 37.6 27.0 40.4

54 47.9 41.0 61.6



#32

Benzoic acid

Concen: 6.032 ng

RT: 10.402 min Scan# 1177

Delta R.T. 0.052 min

Lab File: BG052314.D

Acq: 8 Feb 2022 11:51

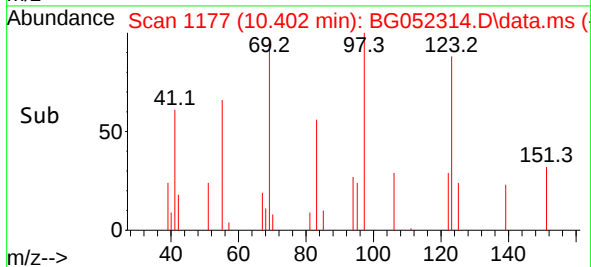
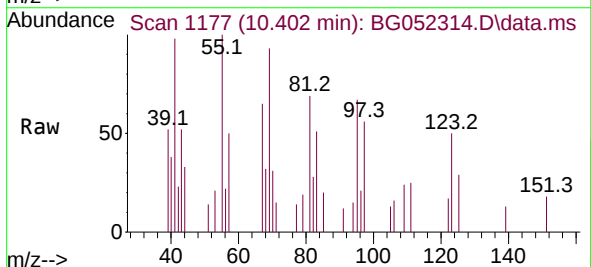
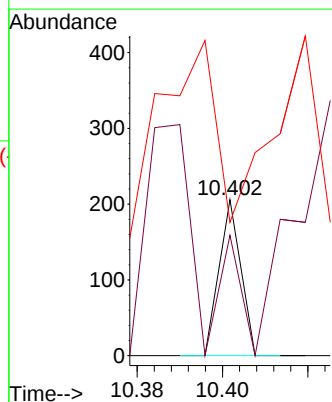
Tgt Ion:122 Resp: 73

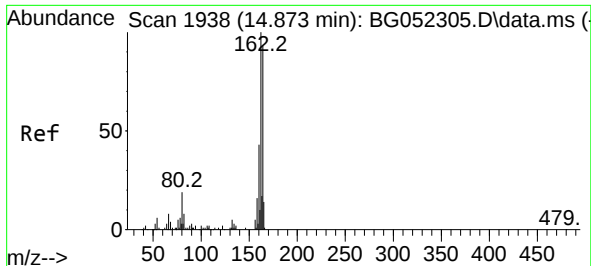
Ion Ratio Lower Upper

122 100

105 77.2 109.2 149.2#

77 85.4 92.8 132.8#

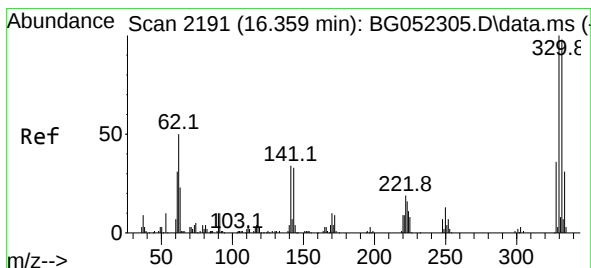
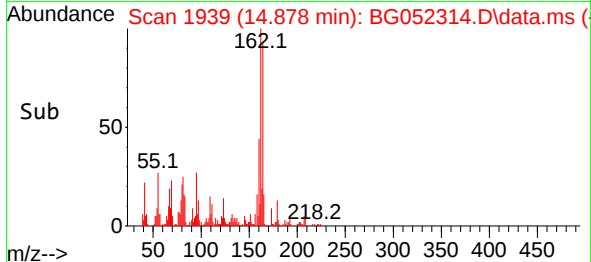
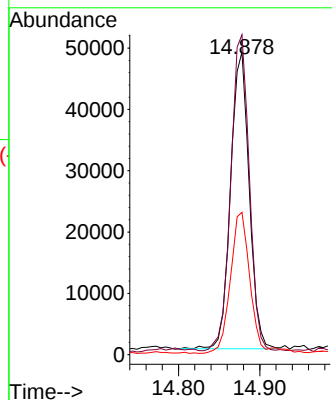
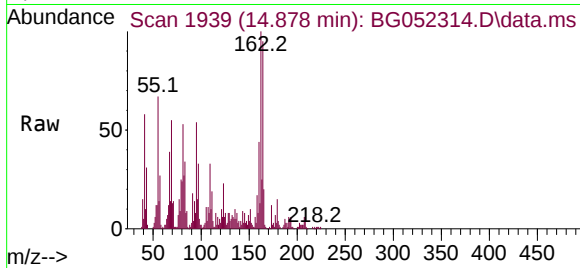




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

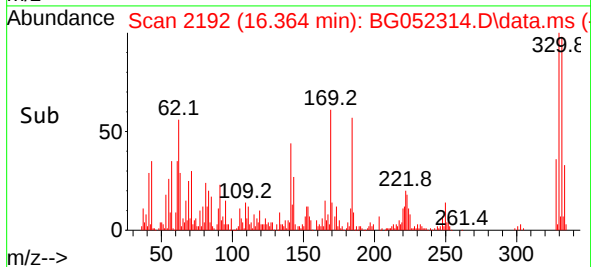
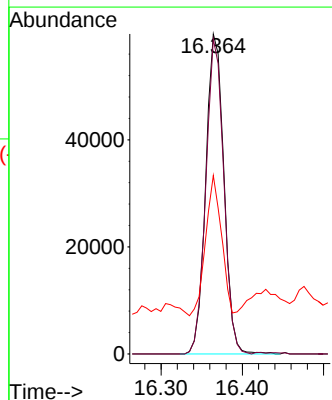
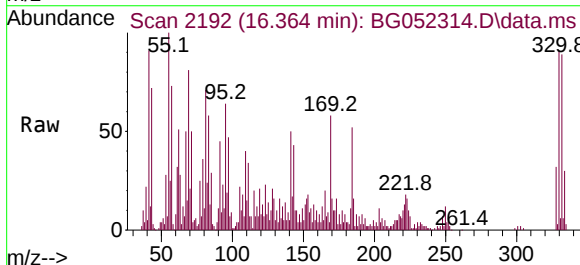
Instrument :
BNA_G
ClientSampleId :
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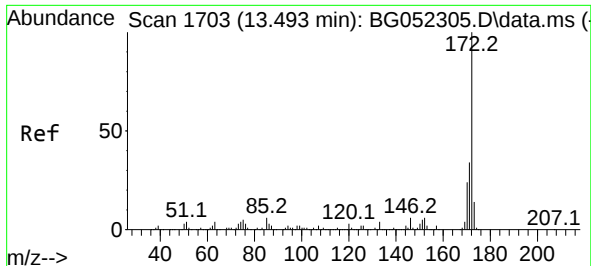
Tgt Ion:164 Resp: 76906
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 47.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 84.038 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:330 Resp: 92852
Ion Ratio Lower Upper
330 100
332 96.6 78.6 117.8
141 38.4 28.8 43.2

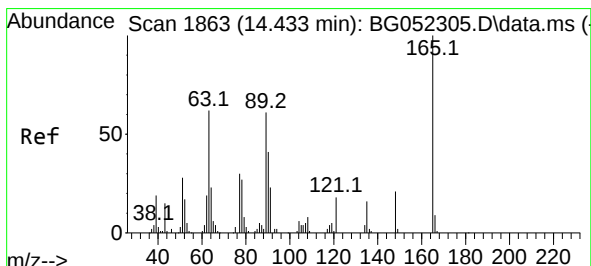
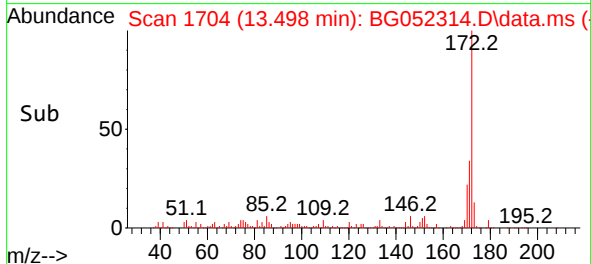
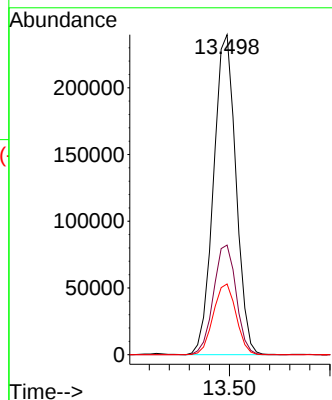
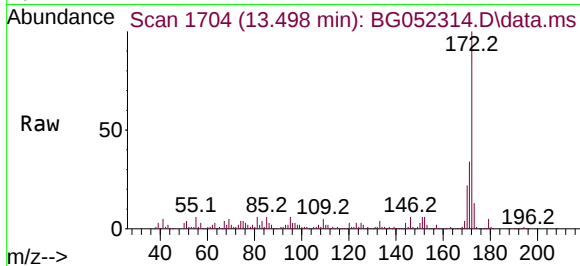




#45
2-Fluorobiphenyl
Concen: 67.067 ng
RT: 13.498 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

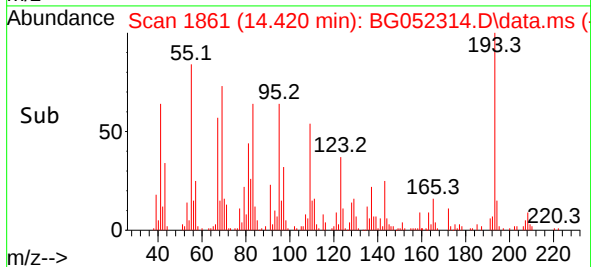
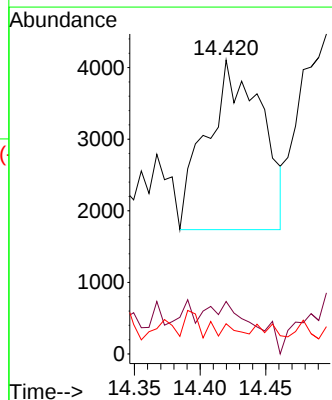
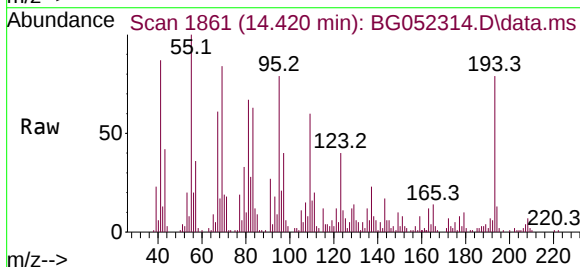
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BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

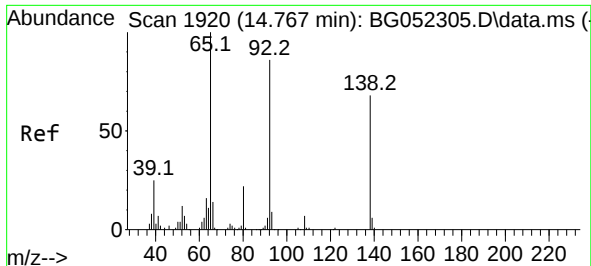
Tgt Ion:172 Resp: 371196
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.1 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 5.420 ng
RT: 14.420 min Scan# 1861
Delta R.T. -0.013 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:165 Resp: 6891
Ion Ratio Lower Upper
165 100
63 17.9 59.0 88.4#
89 10.3 49.4 74.0#

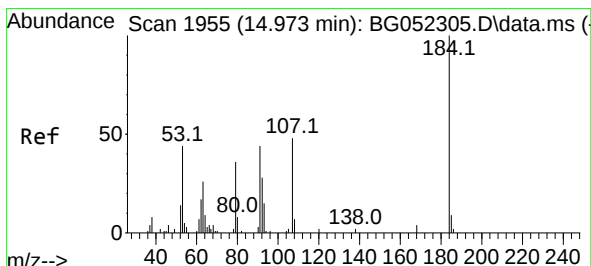
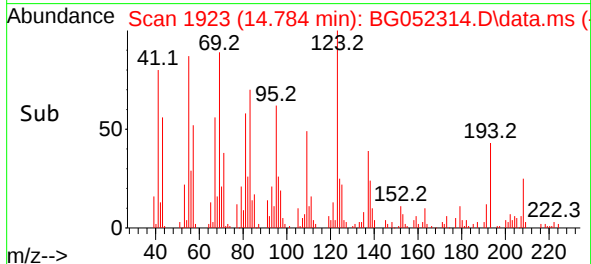
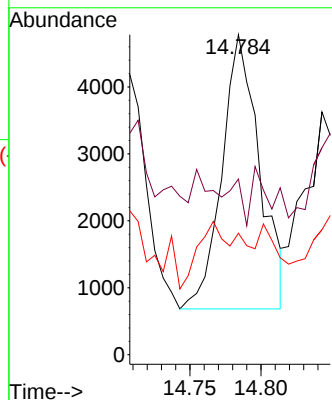
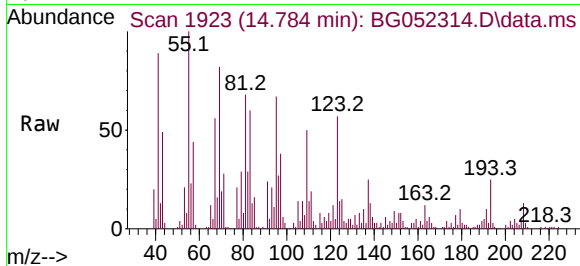




#53
3-Nitroaniline
Concen: 5.695 ng
RT: 14.784 min Scan# 1920
Delta R.T. 0.017 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

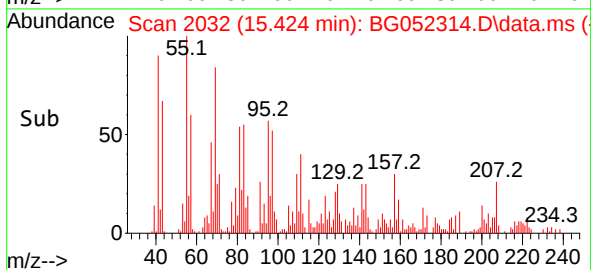
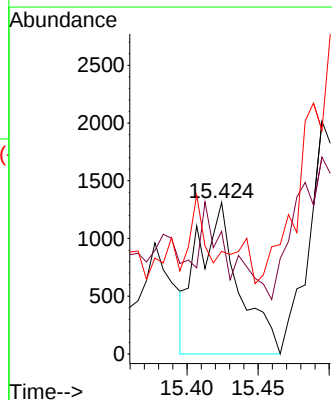
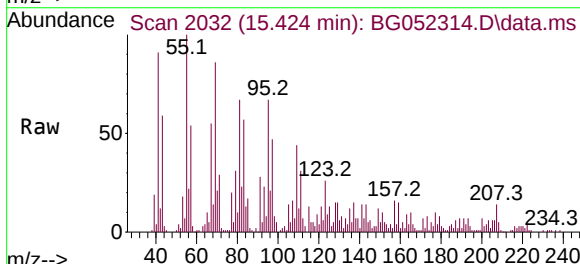
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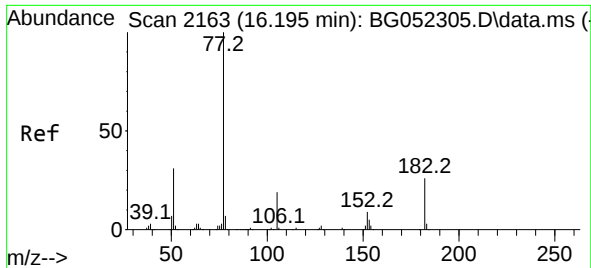
Tgt Ion:138 Resp: 7526
Ion Ratio Lower Upper
138 100
108 54.9 7.8 11.8#
92 37.9 100.4 150.6#



#54
2,4-Dinitrophenol
Concen: 8.031 ng
RT: 15.424 min Scan# 2032
Delta R.T. 0.451 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:184 Resp: 2624
Ion Ratio Lower Upper
184 100
63 80.9 56.0 84.0
154 67.7 50.2 75.2

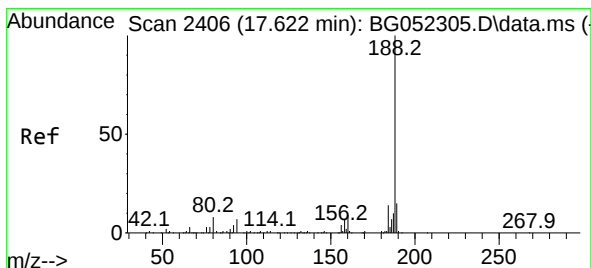
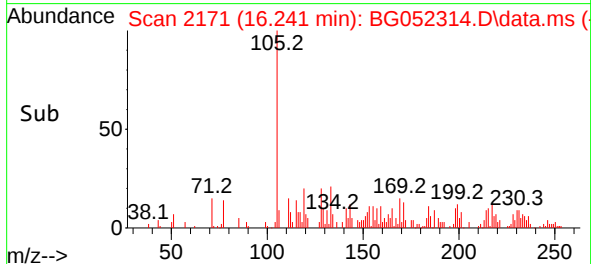
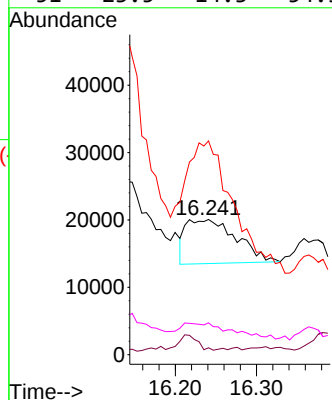
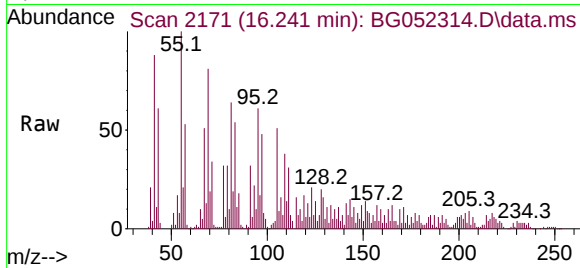




#63
Azobenzene
Concen: 4.603 ng
RT: 16.241 min Scan# 2163
Delta R.T. 0.046 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

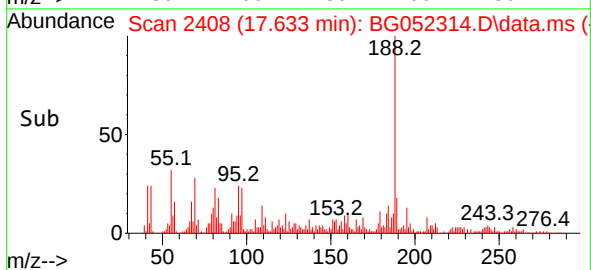
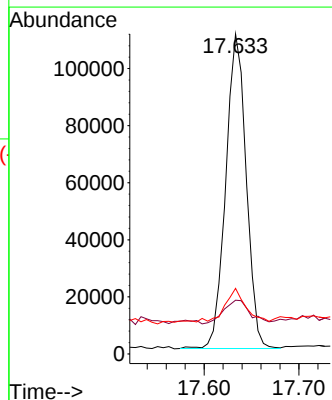
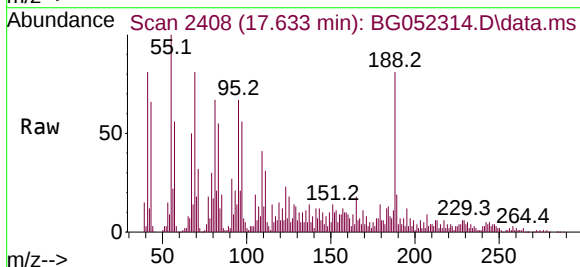
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BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

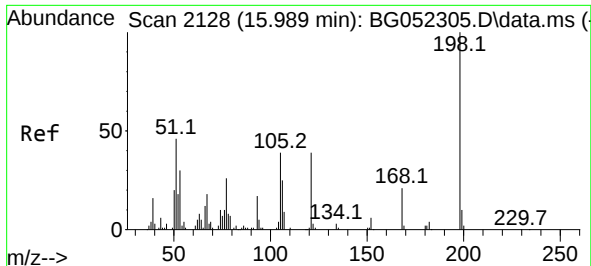
Tgt Ion: 77 Resp: 28045
Ion Ratio Lower Upper
77 100
182 5.1 4.1 44.1
105 158.0 0.0 37.5#
51 23.5 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2408
Delta R.T. 0.011 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:188 Resp: 165162
Ion Ratio Lower Upper
188 100
94 16.8 5.9 8.9#
80 20.5 6.6 10.0#

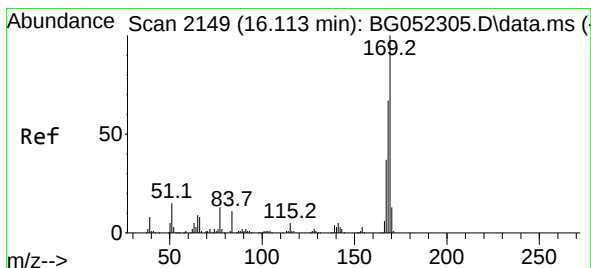
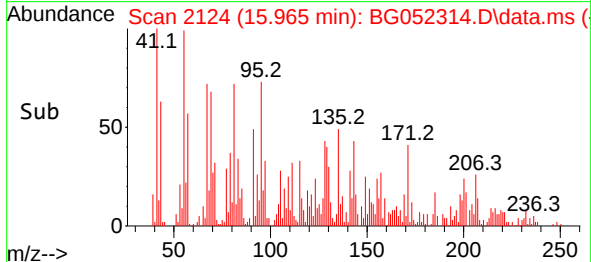
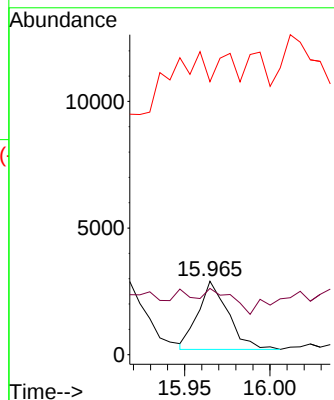
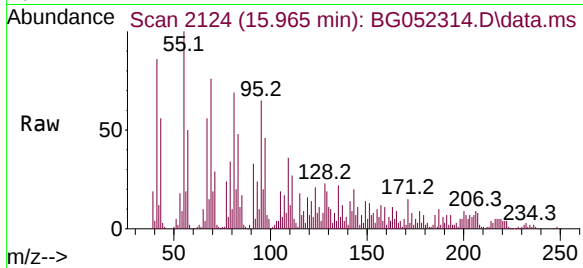




#65
4,6-Dinitro-2-methylphenol
Concen: 3.323 ng
RT: 15.965 min Scan# 2128
Delta R.T. -0.024 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

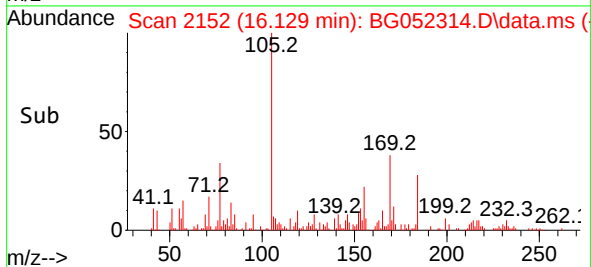
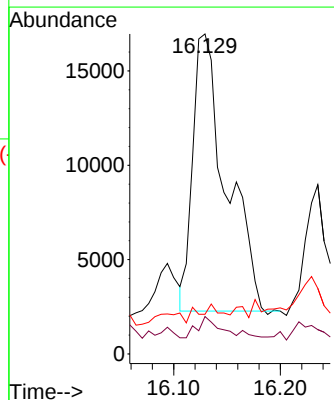
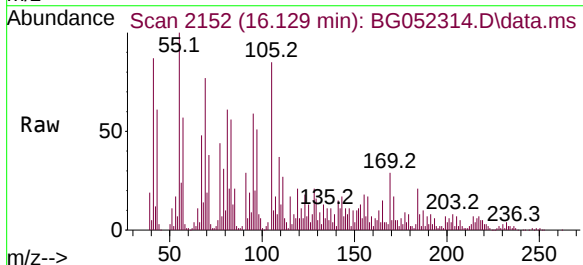
Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

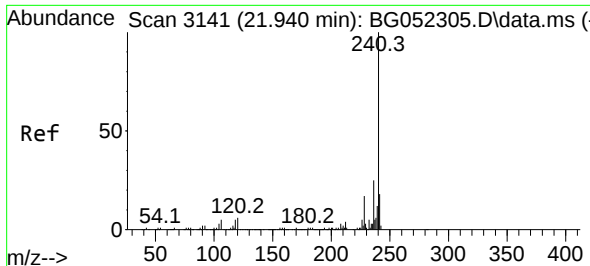
Tgt Ion:198 Resp: 3302
Ion Ratio Lower Upper
198 100
51 90.1 31.6 71.6#
105 371.6 22.3 62.3#



#66
n-Nitrosodiphenylamine
Concen: 7.048 ng
RT: 16.129 min Scan# 2152
Delta R.T. 0.017 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:169 Resp: 32075
Ion Ratio Lower Upper
169 100
168 11.7 57.4 86.0#
167 12.4 29.5 44.3#

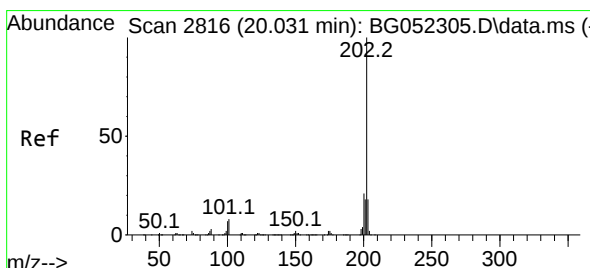
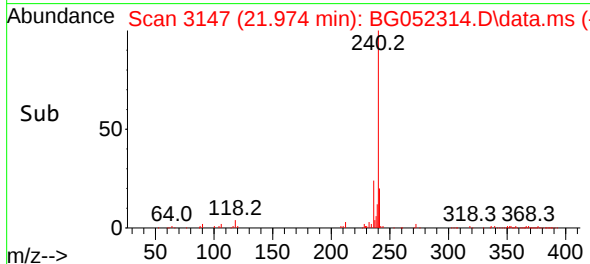
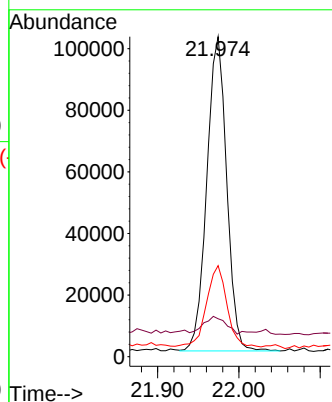
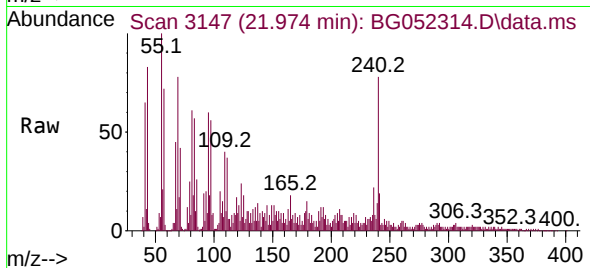




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3147
Delta R.T. 0.034 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

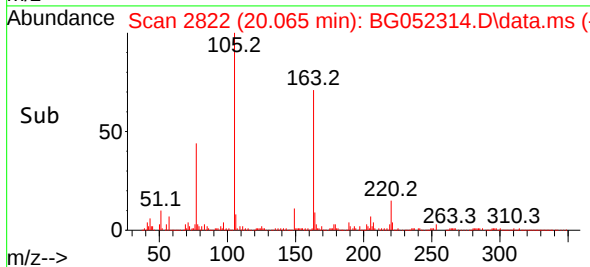
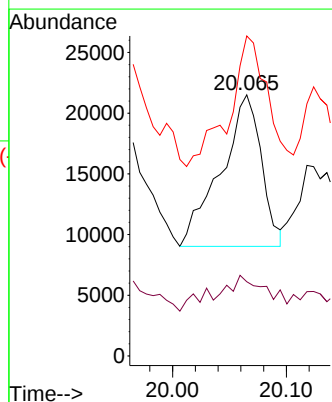
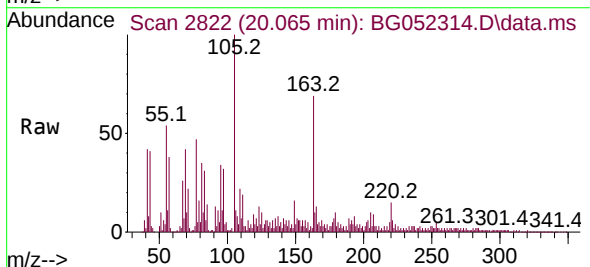
Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

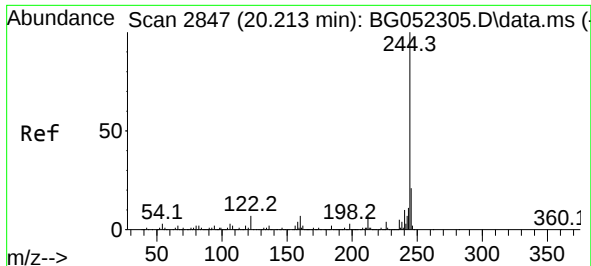
Tgt Ion:240 Resp: 173324
Ion Ratio Lower Upper
240 100
120 11.8 4.4 6.6#
236 28.4 20.8 31.2



#78
Pyrene
Concen: 2.670 ng
RT: 20.065 min Scan# 2822
Delta R.T. 0.034 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:202 Resp: 30961
Ion Ratio Lower Upper
202 100
200 28.5 17.4 26.2#
203 122.5 14.5 21.7#

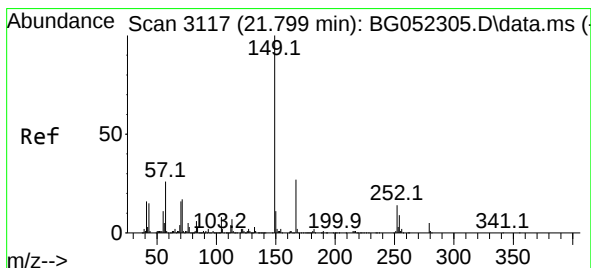
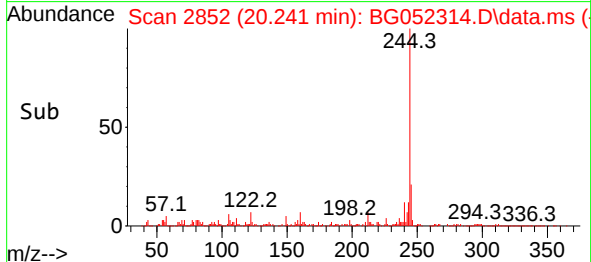
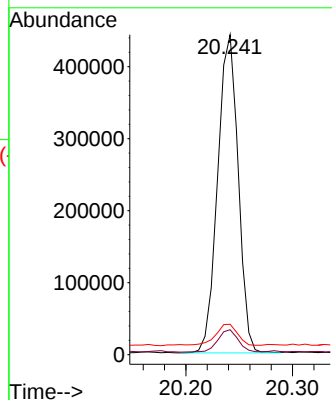
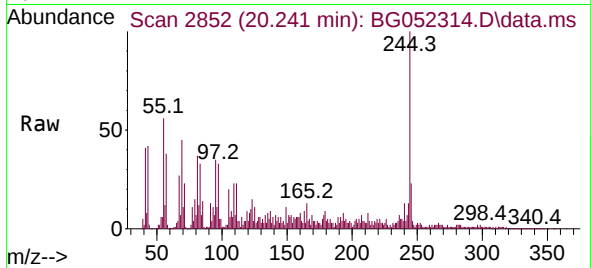




#79
 Terphenyl-d14
 Concen: 60.199 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.028 min
 Lab File: BG052314.D
 Acq: 8 Feb 2022 11:51

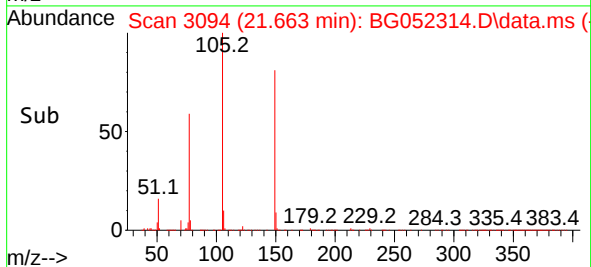
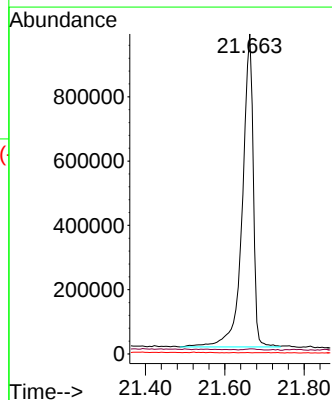
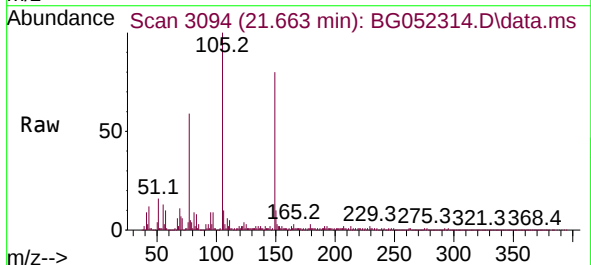
Instrument :
 BNA_G
 ClientSampleId :
 DB-05(20-22)-02-01-22

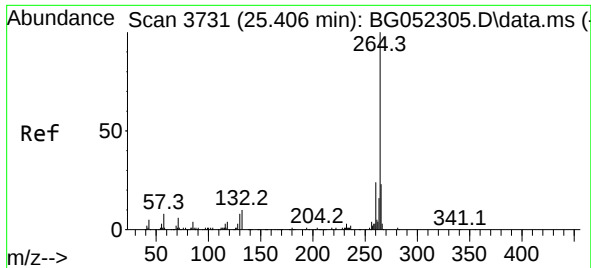
Tgt Ion:244 Resp: 590865
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.5 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 332.079 ng
 RT: 21.663 min Scan# 3094
 Delta R.T. -0.136 min
 Lab File: BG052314.D
 Acq: 8 Feb 2022 11:51

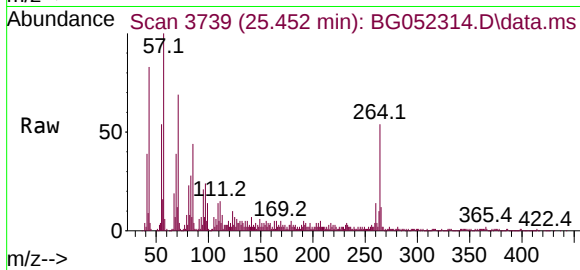
Tgt Ion:149 Resp: 1855038
 Ion Ratio Lower Upper
 149 100
 167 1.6 21.4 32.0#
 279 0.4 4.2 6.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.452 min Scan# 31
 Delta R.T. 0.046 min
 Lab File: BG052314.D
 Acq: 8 Feb 2022 11:51

Instrument :
 BNA_G
 ClientSampleId :
 DB-05(20-22)-02-01-22



Tgt Ion:264 Resp: 170742
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.5 27.7
 265 22.1 17.8 26.6

