

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052773.D
 Acq On : 21 Mar 2022 18:28
 Operator : CG/JU
 Sample : N2007-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP3

Quant Time: Mar 22 02:54:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

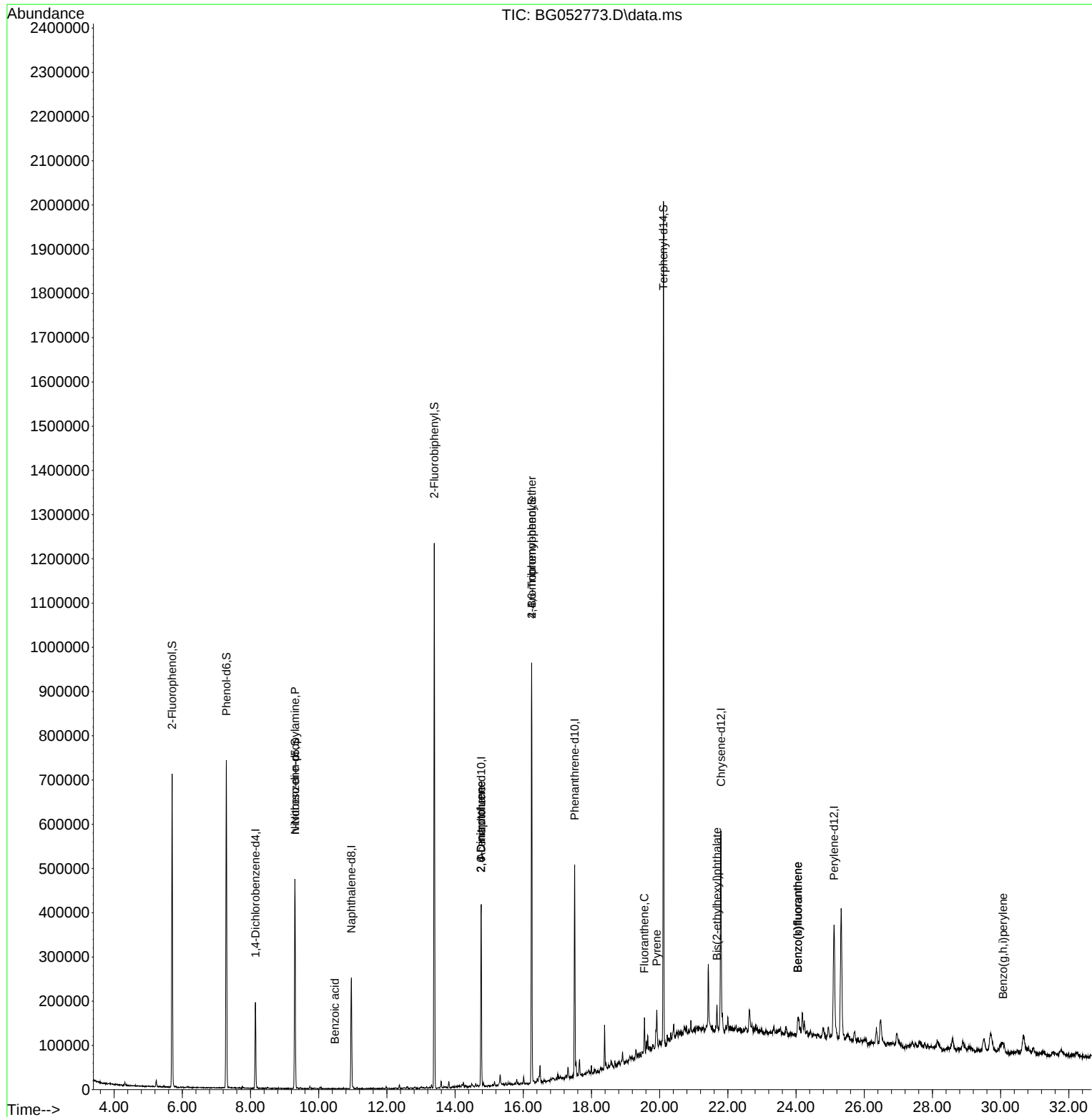
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	53020	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	211549	20.000	ng	#-0.01
39) Acenaphthene-d10	14.766	164	144625	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	304204	20.000	ng	0.00
76) Chrysene-d12	21.798	240	291325	20.000	ng	-0.01
86) Perylene-d12	25.117	264	303149	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	286714	94.175	ng	0.00
7) Phenol-d6	7.294	99	425203	92.639	ng	0.00
23) Nitrobenzene-d5	9.303	82	295400	70.084	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	184049	94.706	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	636782	64.937	ng	-0.01
79) Terphenyl-d14	20.112	244	954410	58.277	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.282	77	486	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	9.303	70	39768	12.233	ng	# 76
32) Benzoic acid	10.472	122	58	5.696	ng	# 1
51) 2,6-Dinitrotoluene	14.760	165	19635	10.820	ng	# 26
57) 2,4-Dinitrotoluene	14.760	165	19635	7.798	ng	# 25
67) 4-Bromophenyl-phenylether	16.246	248	12044	3.284	ng	# 1
75) Fluoranthene	19.554	202	50682	2.453	ng	98
78) Pyrene	19.912	202	50086	2.478	ng	96
84) Bis(2-ethylhexyl)phtha...	21.680	149	23689	2.430	ng	# 91
88) Benzo(b)fluoranthene	24.054	252	42461	2.256	ng	# 89
89) Benzo(k)fluoranthene	24.054	252	42461	2.293	ng	# 90
92) Benzo(g,h,i)perylene	30.075	276	40815	2.413	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052773.D
Acq On : 21 Mar 2022 18:28
Operator : CG/JU
Sample : N2007-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP3

Quant Time: Mar 22 02:54:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

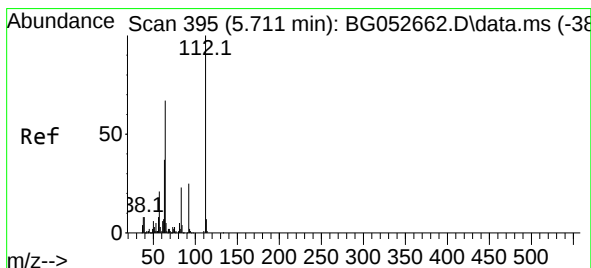
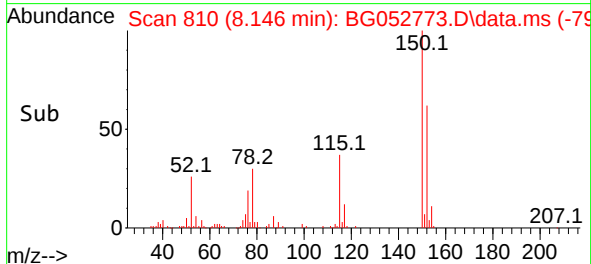
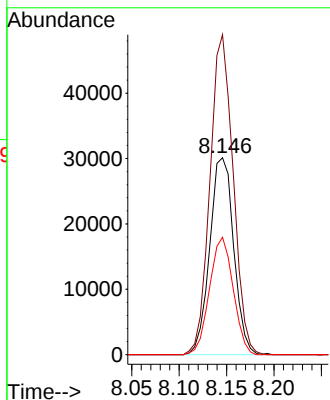
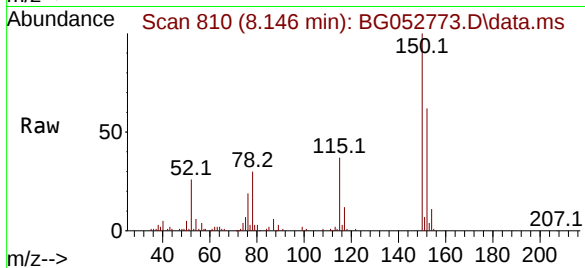




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

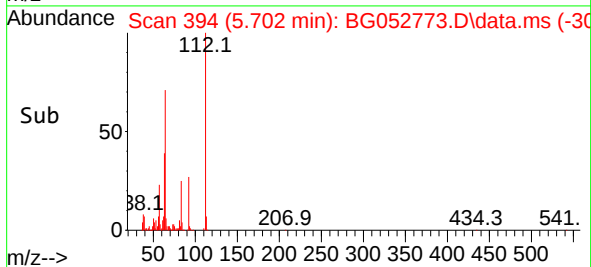
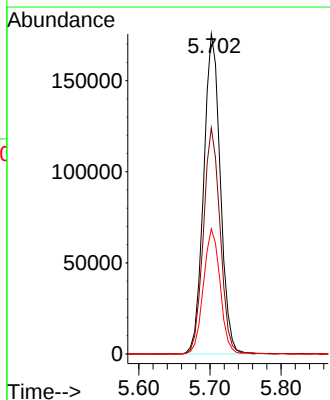
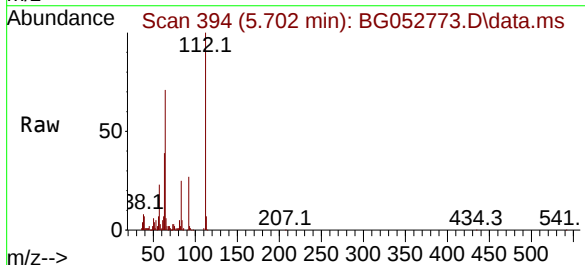
Instrument :
BNA_G
ClientSampleId :
SP3

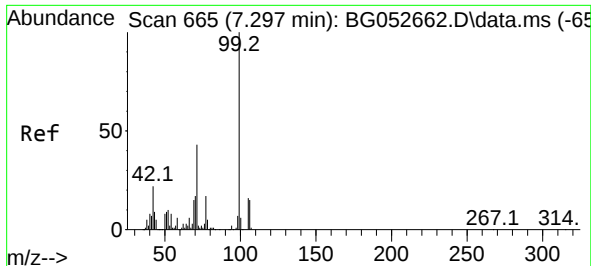
Tgt Ion:152 Resp: 53020
Ion Ratio Lower Upper
152 100
150 162.5 114.6 172.0
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 94.175 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

Tgt Ion:112 Resp: 286714
Ion Ratio Lower Upper
112 100
64 70.7 48.0 72.0
63 39.1 26.5 39.7

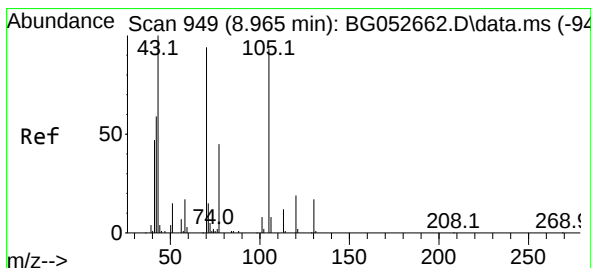
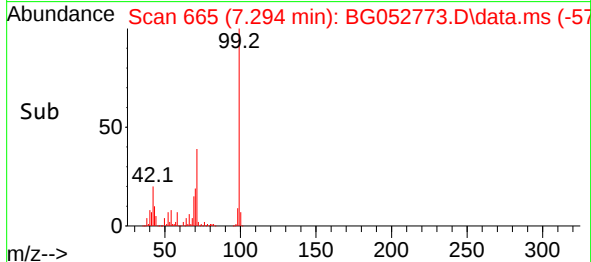
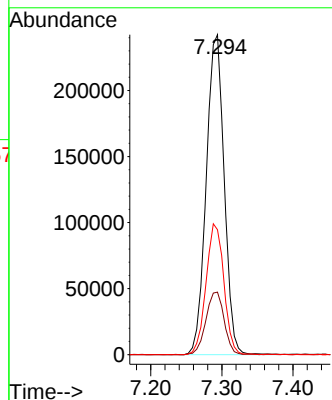
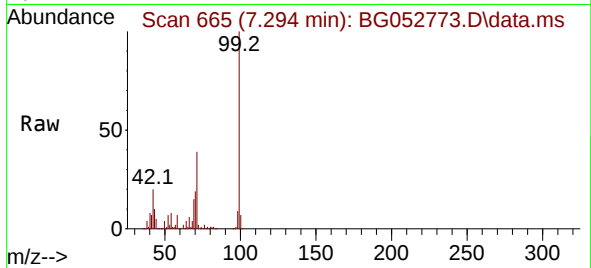




#7
Phenol-d6
Concen: 92.639 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

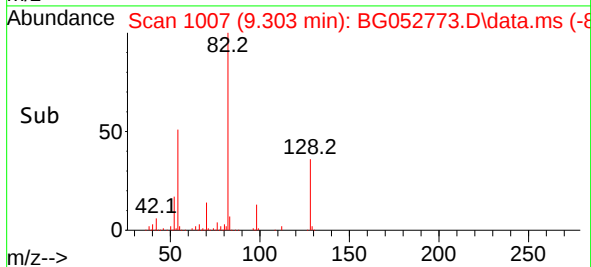
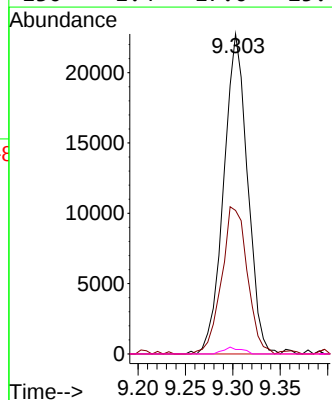
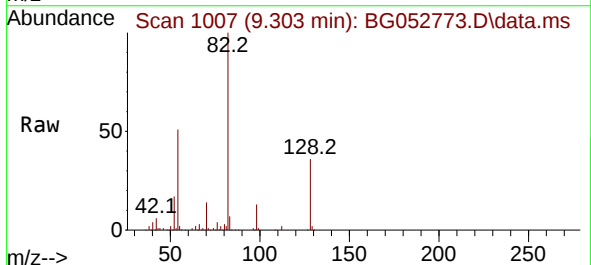
Instrument :
BNA_G
ClientSampleId :
SP3

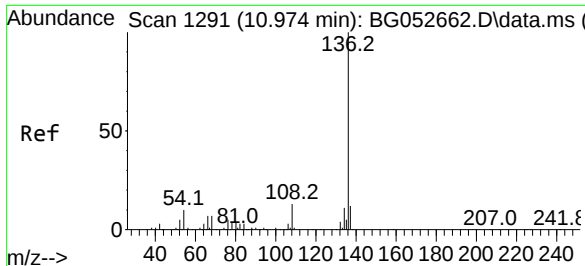
Tgt Ion: 99 Resp: 425203
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 39.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.233 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

Tgt Ion: 70 Resp: 39768
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#

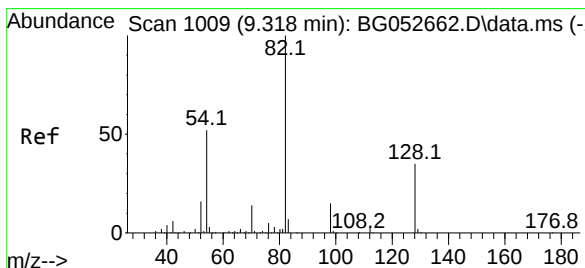
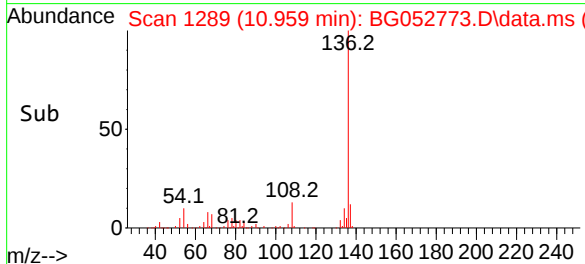
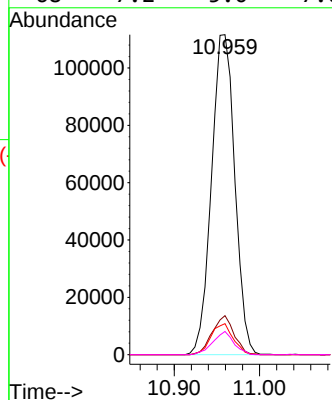
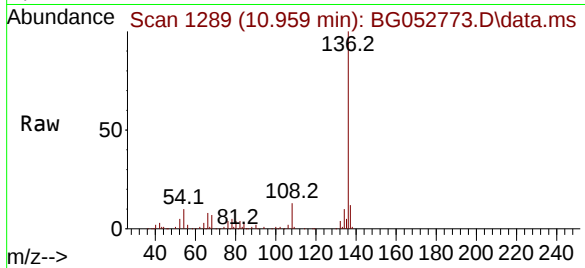




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

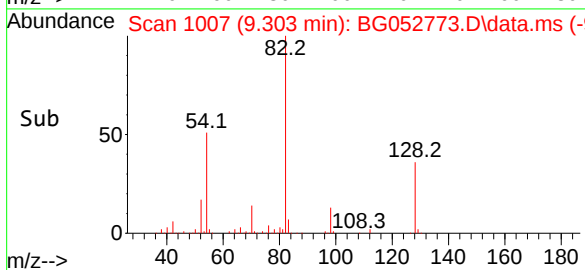
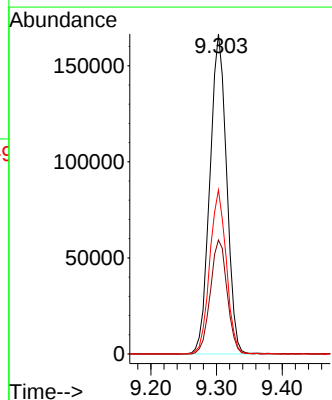
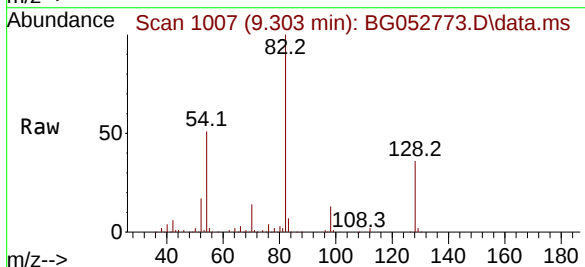
Instrument :
BNA_G
ClientSampleId :
SP3

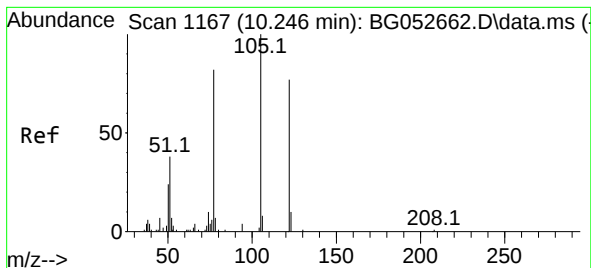
Tgt Ion:136 Resp: 211549
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 9.7 6.4 9.6#
68 7.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 70.084 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.015 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

Tgt Ion: 82 Resp: 295400
Ion Ratio Lower Upper
82 100
128 35.6 31.3 46.9
54 51.3 37.8 56.8





#32

Benzoic acid

Concen: 5.696 ng

RT: 10.472 min Scan# 1167

Delta R.T. 0.226 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

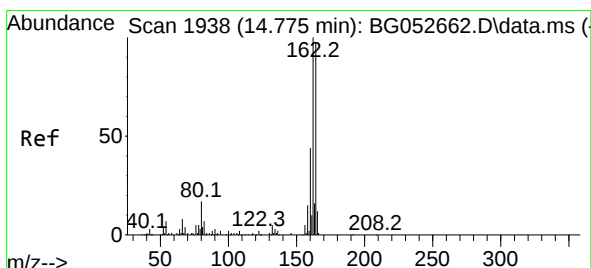
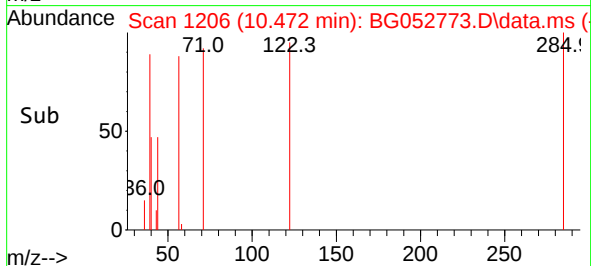
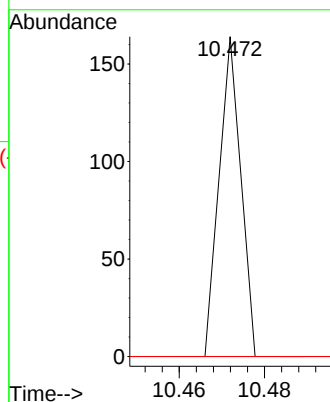
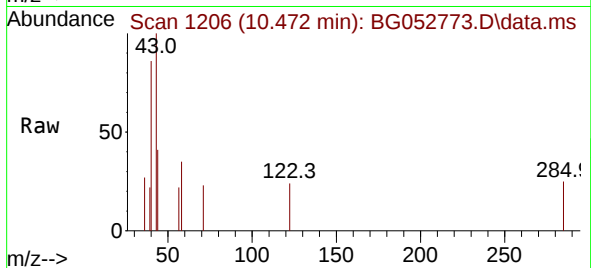
Instrument :

BNA_G

ClientSampleId :

SP3

Tgt Ion:	122	Resp:	58
Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	0.0	78.4	118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

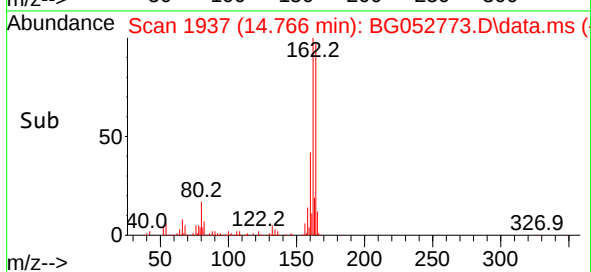
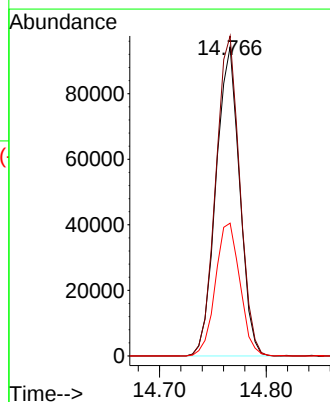
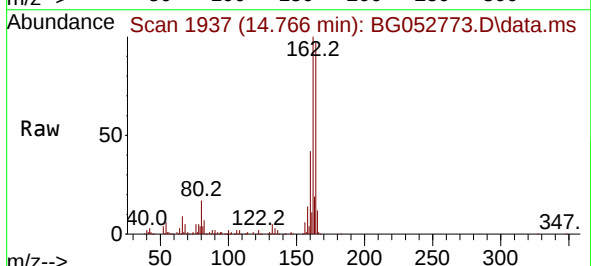
RT: 14.766 min Scan# 1937

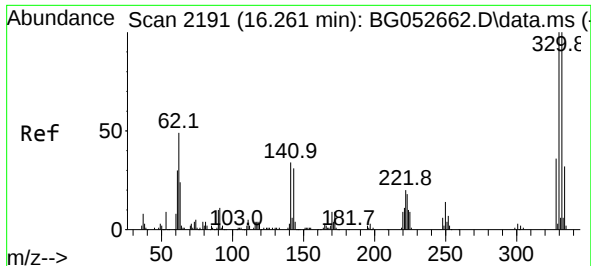
Delta R.T. -0.009 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

Tgt Ion:	164	Resp:	144625
Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.0	120.0
160	43.0	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 94.706 ng

RT: 16.246 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

Instrument :

BNA_G

ClientSampleId :

SP3

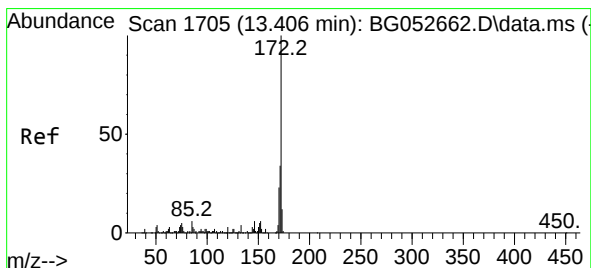
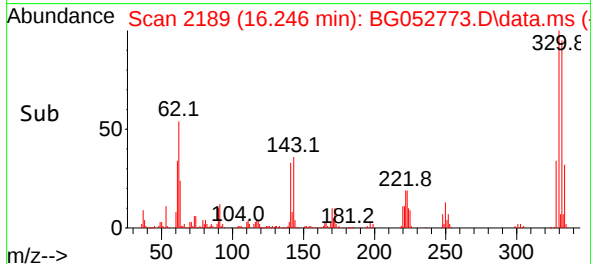
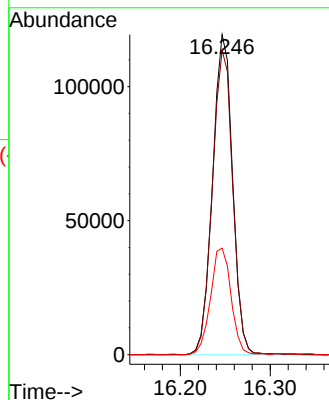
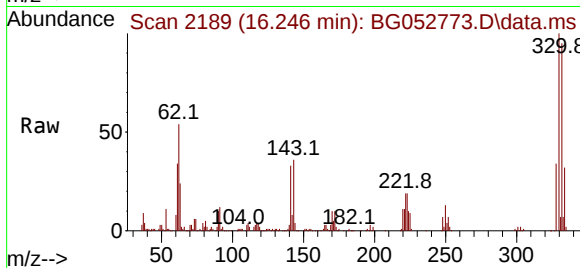
Tgt Ion:330 Resp: 184049

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

141 34.4 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 64.937 ng

RT: 13.391 min Scan# 1703

Delta R.T. -0.015 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

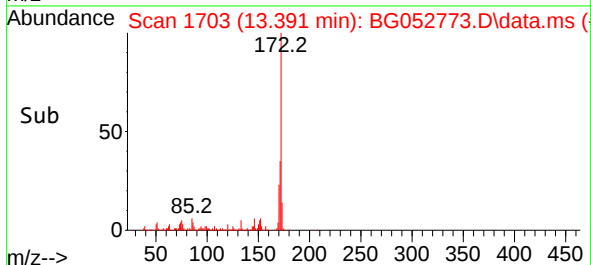
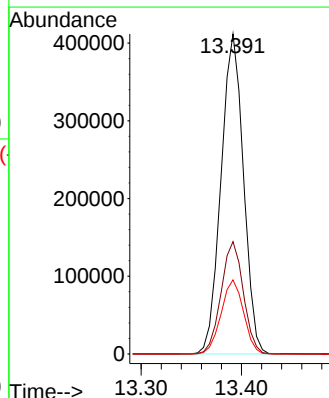
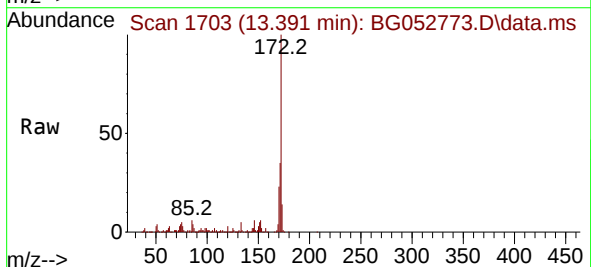
Tgt Ion:172 Resp: 636782

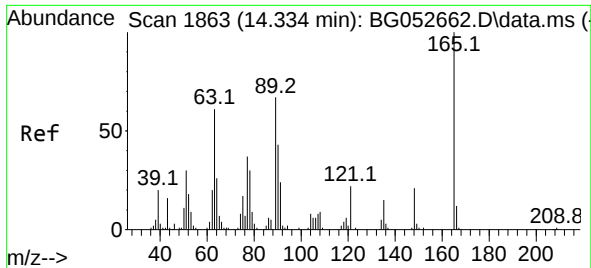
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 18.0 27.0

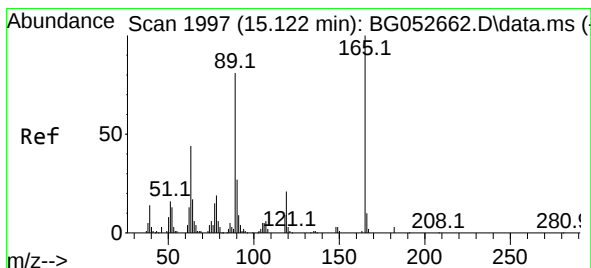
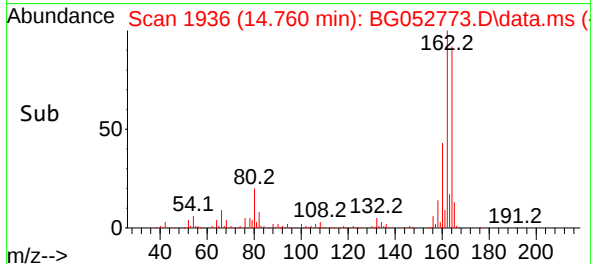
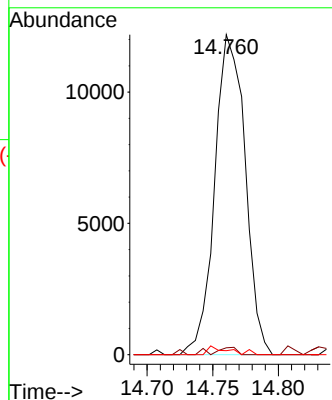
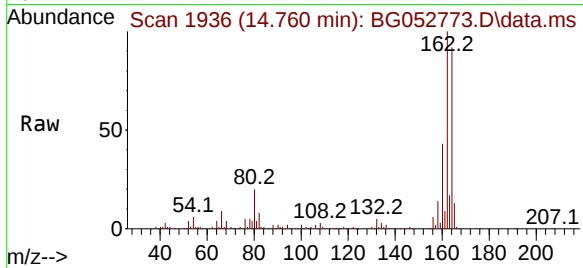




#51
2,6-Dinitrotoluene
Concen: 10.820 ng
RT: 14.760 min Scan# 1936
Delta R.T. 0.426 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

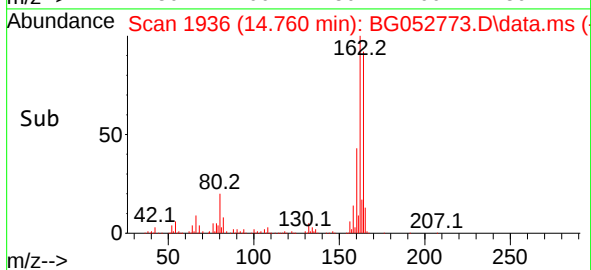
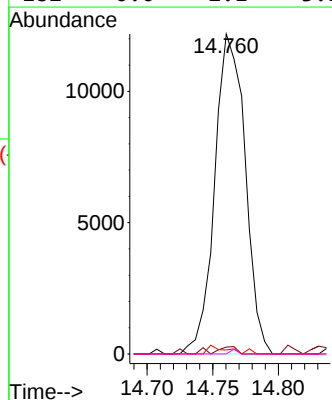
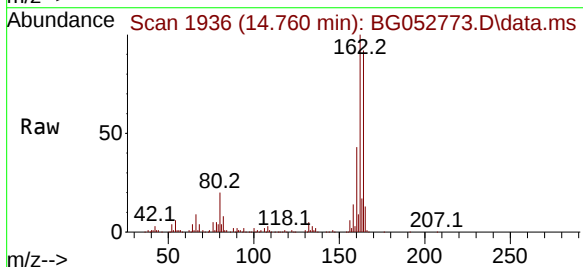
Instrument :
BNA_G
ClientSampleId :
SP3

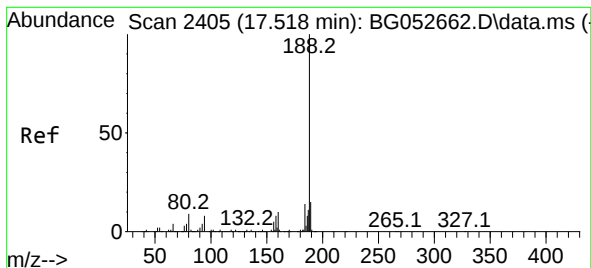
Tgt Ion:165 Resp: 19635
Ion Ratio Lower Upper
165 100
63 2.2 43.7 65.5#
89 1.3 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.798 ng
RT: 14.760 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

Tgt Ion:165 Resp: 19635
Ion Ratio Lower Upper
165 100
63 2.2 34.8 52.2#
89 1.3 57.4 86.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.509 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

Instrument :

BNA_G

ClientSampleId :

SP3

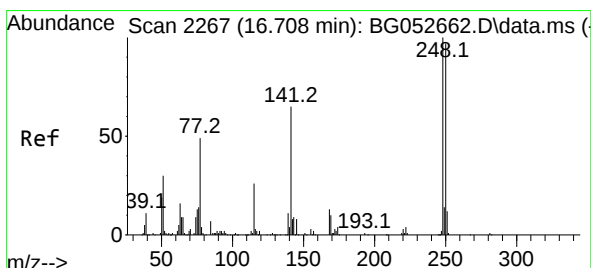
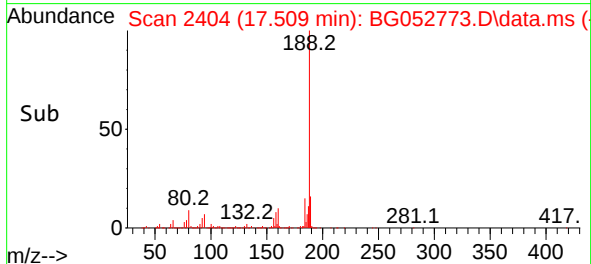
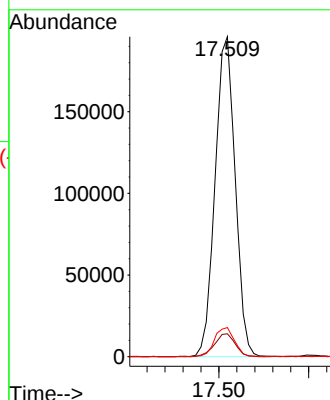
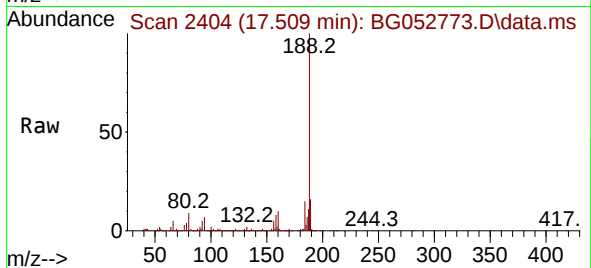
Tgt Ion:188 Resp: 304204

Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 9.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.284 ng

RT: 16.246 min Scan# 2189

Delta R.T. -0.461 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

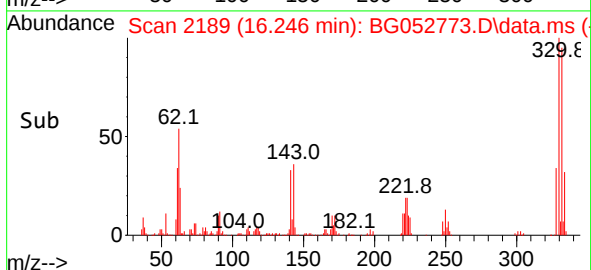
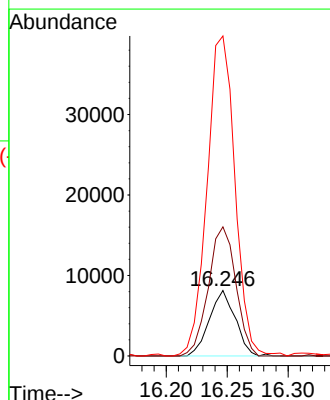
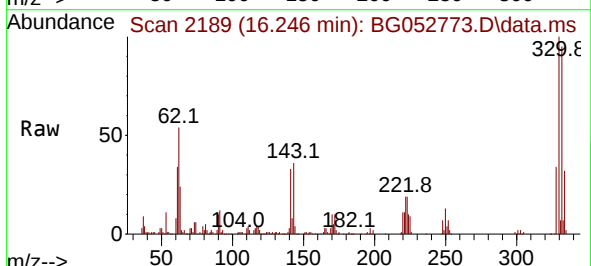
Tgt Ion:248 Resp: 12044

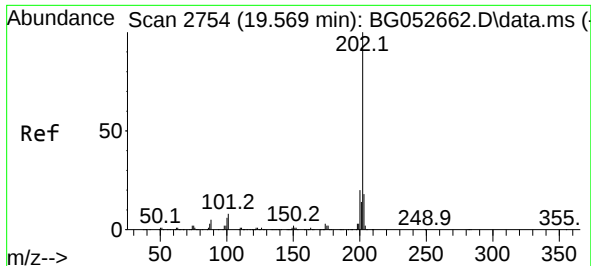
Ion Ratio Lower Upper

248 100

250 197.5 77.9 116.9#

141 489.2 49.2 73.8#

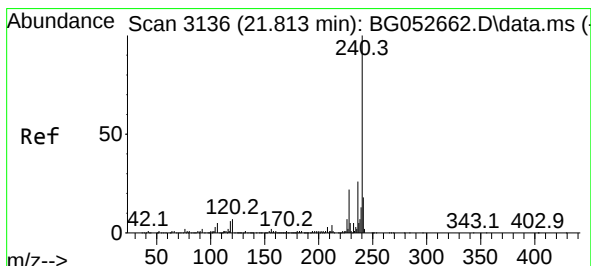
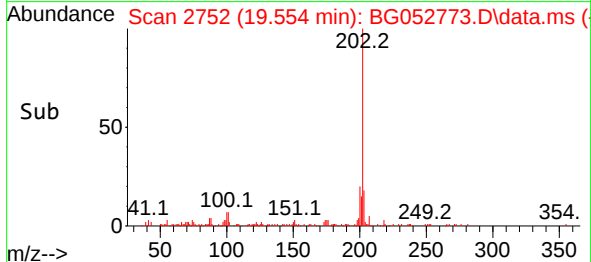
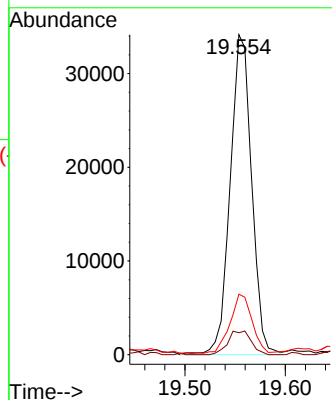
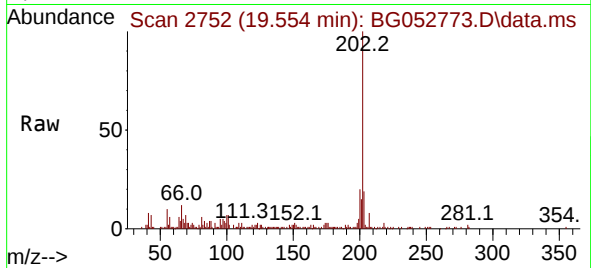




#75
Fluoranthene
Concen: 2.453 ng
RT: 19.554 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

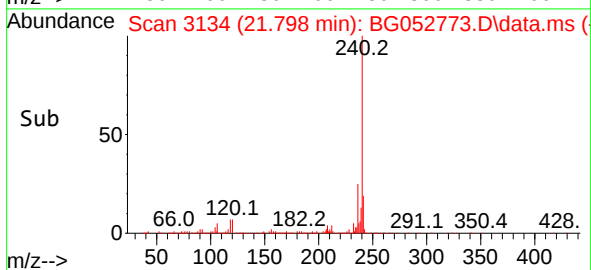
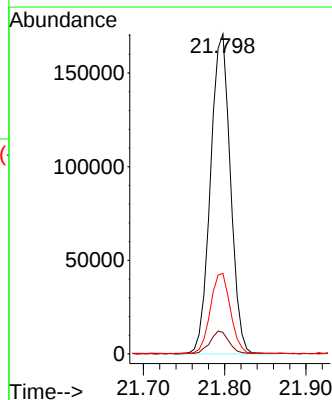
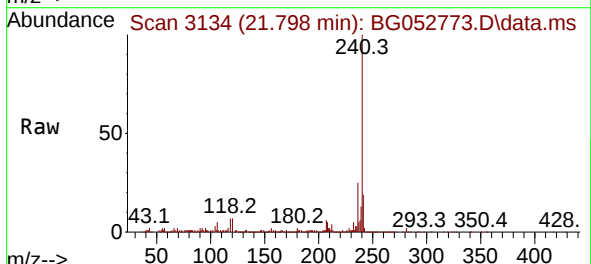
Instrument :
BNA_G
ClientSampleId :
SP3

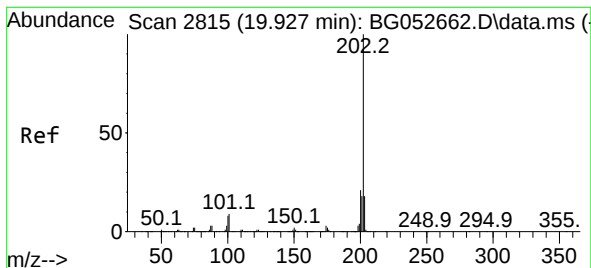
Tgt Ion:202 Resp: 50682
Ion Ratio Lower Upper
202 100
101 6.9 0.0 27.3
203 18.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3134
Delta R.T. -0.015 min
Lab File: BG052773.D
Acq: 21 Mar 2022 18:28

Tgt Ion:240 Resp: 291325
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 25.2 19.8 29.6





#78

Pyrene

Concen: 2.478 ng

RT: 19.912 min Scan# 2813

Delta R.T. -0.015 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

Instrument :

BNA_G

ClientSampleId :

SP3

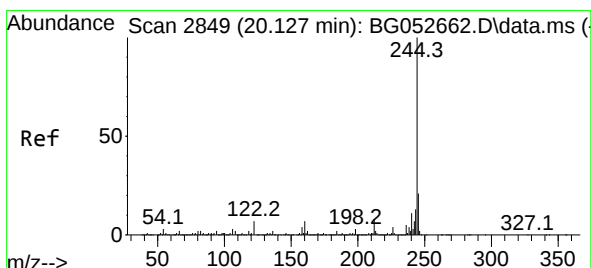
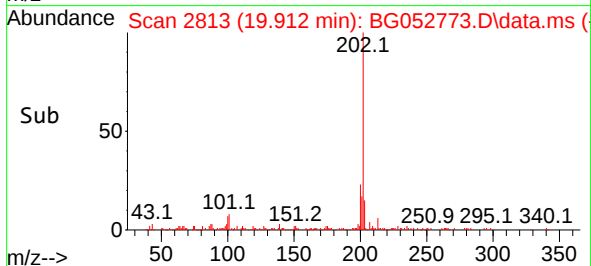
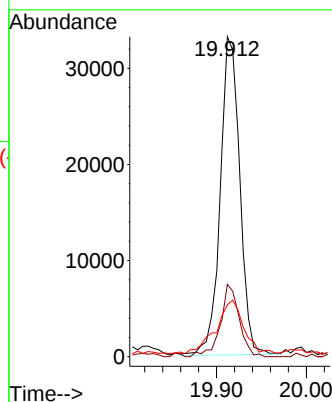
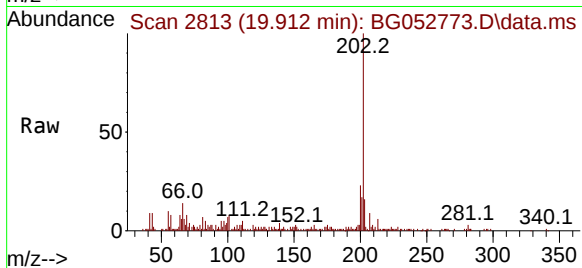
Tgt Ion:202 Resp: 50086

Ion Ratio Lower Upper

202 100

200 22.6 17.0 25.6

203 16.2 15.0 22.6



#79

Terphenyl-d14

Concen: 58.277 ng

RT: 20.112 min Scan# 2847

Delta R.T. -0.015 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

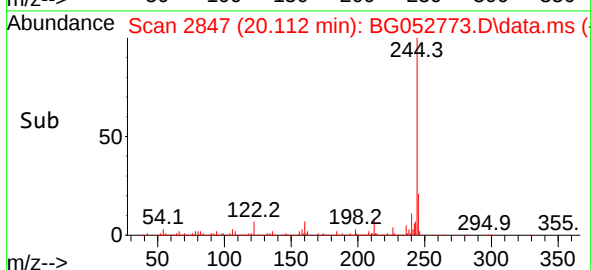
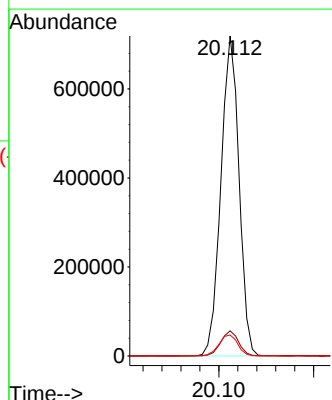
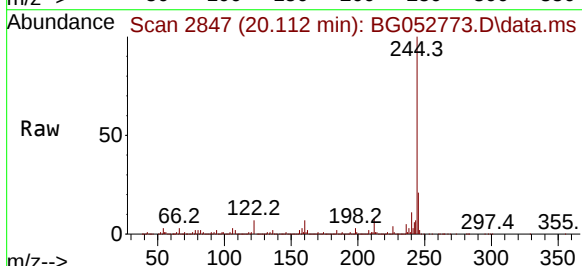
Tgt Ion:244 Resp: 954410

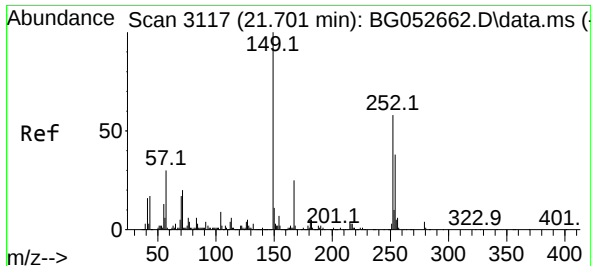
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.5 5.8 8.6

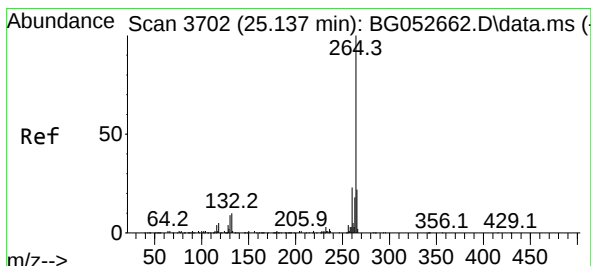
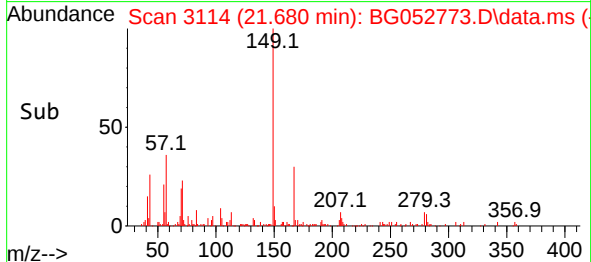
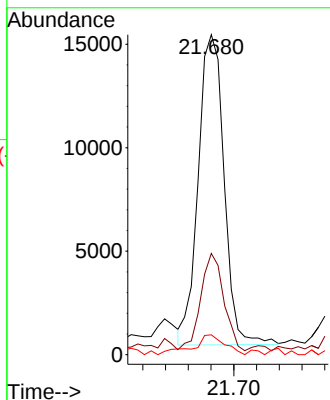
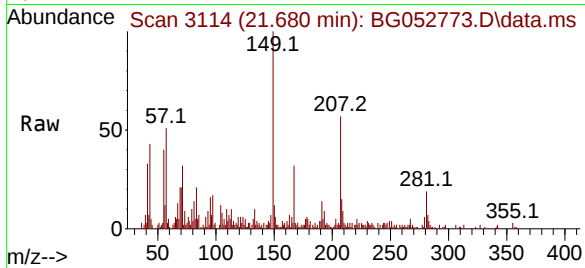




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.430 ng
 RT: 21.680 min Scan# 3114
 Delta R.T. -0.021 min
 Lab File: BG052773.D
 Acq: 21 Mar 2022 18:28

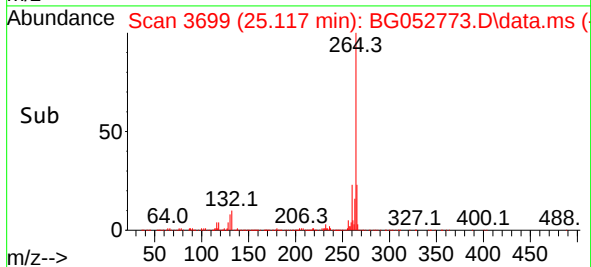
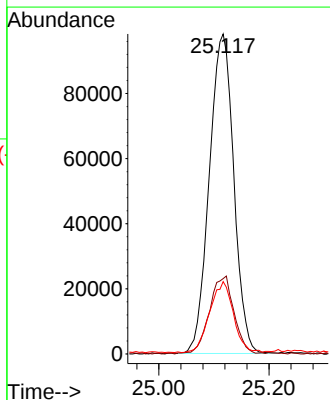
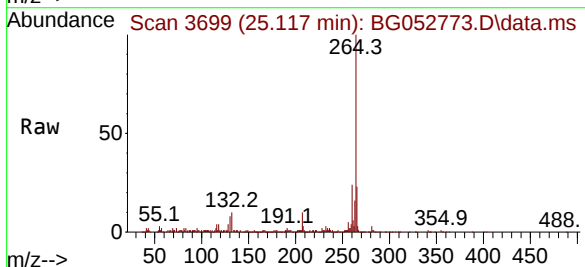
Instrument :
 BNA_G
 ClientSampleId :
 SP3

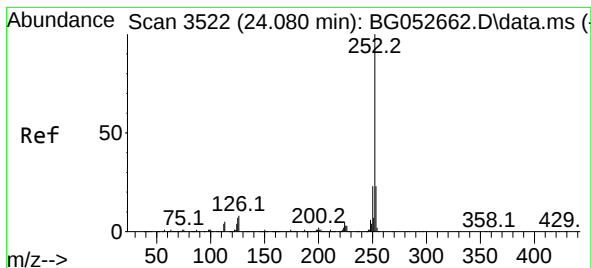
Tgt Ion:149 Resp: 23689
 Ion Ratio Lower Upper
 149 100
 167 31.7 21.4 32.2
 279 6.2 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.117 min Scan# 3699
 Delta R.T. -0.021 min
 Lab File: BG052773.D
 Acq: 21 Mar 2022 18:28

Tgt Ion:264 Resp: 303149
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.6 15.1 22.7





#88

Benzo(b)fluoranthene

Concen: 2.256 ng

RT: 24.054 min Scan# 3518

Delta R.T. -0.027 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

Instrument :

BNA_G

ClientSampleId :

SP3

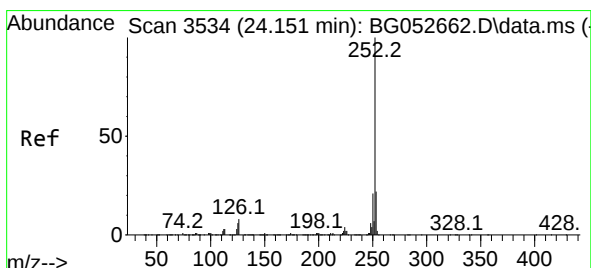
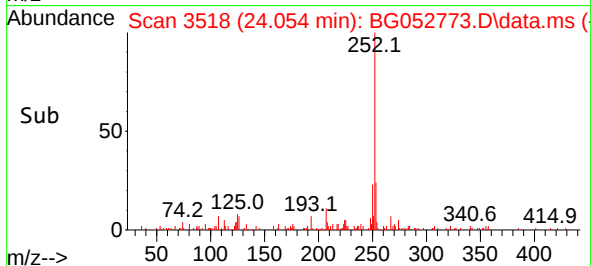
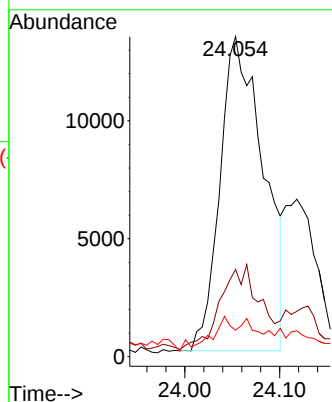
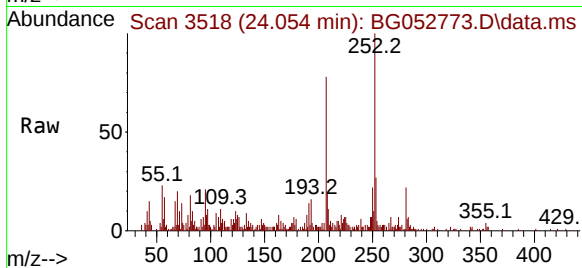
Tgt Ion:252 Resp: 42461

Ion Ratio Lower Upper

252 100

253 27.2 17.2 25.8#

125 8.3 5.2 7.8#



#89

Benzo(k)fluoranthene

Concen: 2.293 ng

RT: 24.054 min Scan# 3518

Delta R.T. -0.097 min

Lab File: BG052773.D

Acq: 21 Mar 2022 18:28

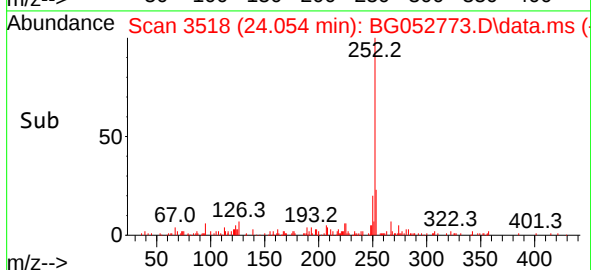
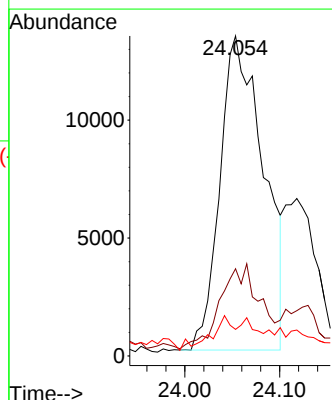
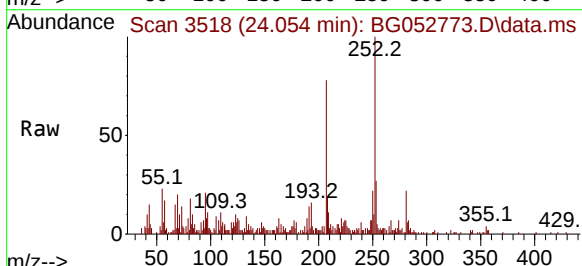
Tgt Ion:252 Resp: 42461

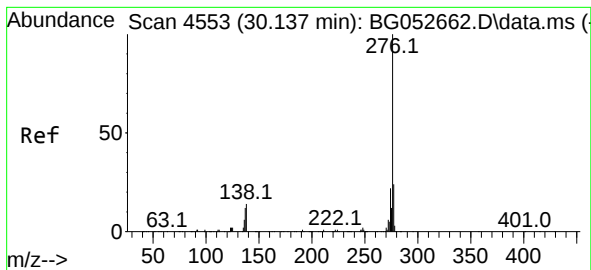
Ion Ratio Lower Upper

252 100

253 27.2 17.4 26.0#

125 8.3 5.0 7.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.413 ng
 RT: 30.075 min Scan# 4
 Delta R.T. -0.062 min
 Lab File: BG052773.D
 Acq: 21 Mar 2022 18:28

Instrument :
 BNA_G
 ClientSampleId :
 SP3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	19.8	18.2	27.2
138	10.8	9.1	13.7

