

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052011.D
 Acq On : 16 Jan 2022 1:12
 Operator : CG/JU
 Sample : N1132-03 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLT4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 09:14:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

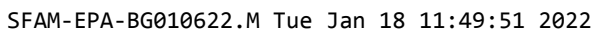
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

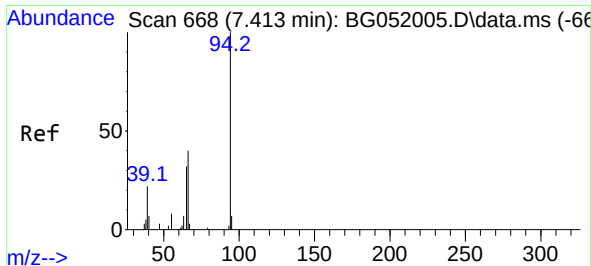
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	33712	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	131412	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.895	164	82965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.645	188	161937	20.000	ng/u1	0.00
79) Chrysene-d12	21.974	240	155845	20.000	ng/u1	# 0.02
88) Perylene-d12	25.475	264	160026	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.581	96	60	0.064	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.388	99	5481	1.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	4259m	2.033	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	3787	1.734	ng/u1	0.00
15) 4-Methylphenol-d8	8.915	113	8811m	3.435	ng/u1	-0.04
21) Nitrobenzene-d5	9.415	128	2207	2.125	ng/u1	0.00
24) 2-Nitrophenol-d4	10.155	143	1920	1.672	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	3759	1.675	ng/u1	0.00
31) 4-Chloroaniline-d4	11.200	131	17071	5.461	ng/u1	-0.01
46) Dimethylphthalate-d6	14.273	166	11615	1.694	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	13593	1.641	ng/u1	0.00
54) 4-Nitrophenol-d4	15.107	143	4202m	3.665	ng/u1	0.04
60) Fluorene-d10	15.882	176	10805	1.807	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	2056	2.013	ng/u1	0.00
73) Anthracene-d10	17.745	188	15094m	1.965	ng/u1	0.00
81) Pyrene-d10	20.024	212	16563	1.847	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.229	264	14031	1.666	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.417	94	21470	6.375	ng/u1	98
13) 2-Methylphenol	8.686	108	3668	1.498	ng/u1	95
18) 4-Methylphenol	9.009	108	18539	6.988	ng/u1	90
26) 2,4-Dimethylphenol	10.261	107	15847m	5.786	ng/u1	
30) Naphthalene	11.142	128	867094	121.766	ng/u1	98
36) 2-Methylnaphthalene	12.734	142	346338	68.279	ng/u1	99
37) 1-Methylnaphthalene	12.951	142	186975	35.917	ng/u1	95
43) 1,1'-Biphenyl	13.721	154	71784	11.208	ng/u1#	92
52) Acenaphthene	14.960	153	36509	6.731	ng/u1#	90
56) Dibenzofuran	15.289	168	54484	6.917	ng/u1#	81
61) Fluorene	15.941	166	50832	7.744	ng/u1#	95
72) Phenanthrene	17.692	178	157243	18.531	ng/u1#	96
78) Di-n-butylphthalate	18.590	149	344908	38.124	ng/u1	99
80) Fluoranthene	19.689	202	23778	2.294	ng/u1#	1
82) Pyrene	20.053	202	28609	2.803	ng/u1	98
83) Butylbenzylphthalate	20.958	149	4252241	1197.322	ng/u1#	90
86) Bis(2-ethylhexyl)phtha...	21.868	149	6429147	1237.830	ng/u1#	50
89) Di-n-octyl phthalate	23.149	149	800067	90.507	ng/u1	100

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

Manual Integrations APPROVED

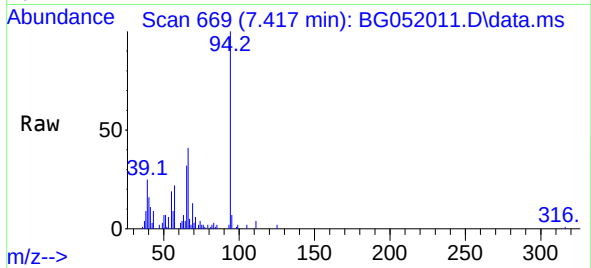
Quant Time: Jan 17 09:14:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#8
Phenol
Concen: 6.375 ng/uI
RT: 7.417 min Scan# 609
Delta R.T. -0.001 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

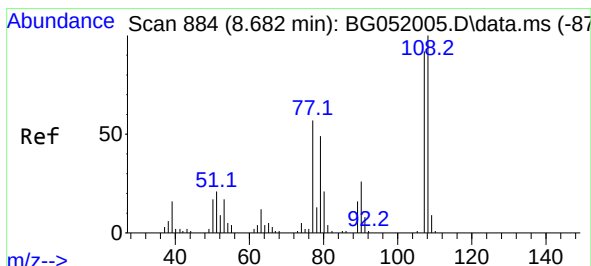
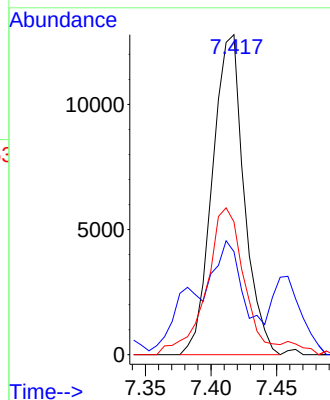
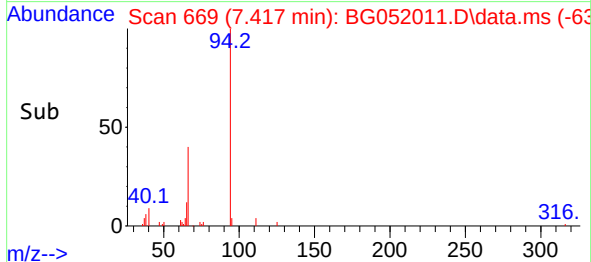
Instrument :
BNA_G
ClientSampleId :
BGLT4



Tgt Ion: 94 Resp: 21470
Ion Ratio Lower Upper
94 100
65 32.2 25.1 37.7
66 41.5 31.6 47.4

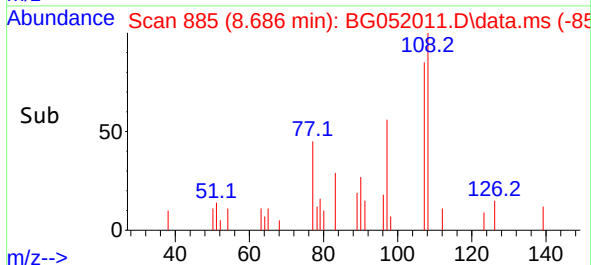
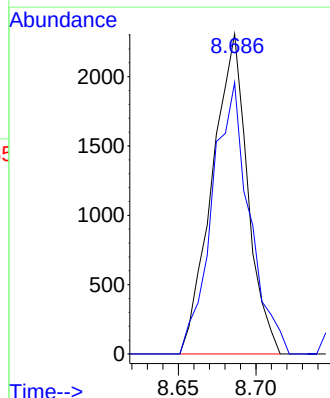
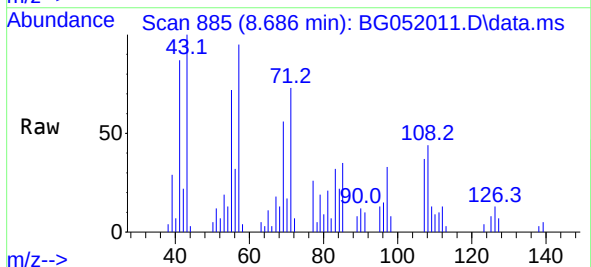
Manual Integrations
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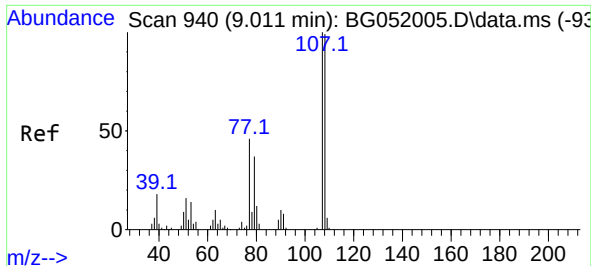
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#13
2-Methylphenol
Concen: 1.498 ng/uI
RT: 8.686 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

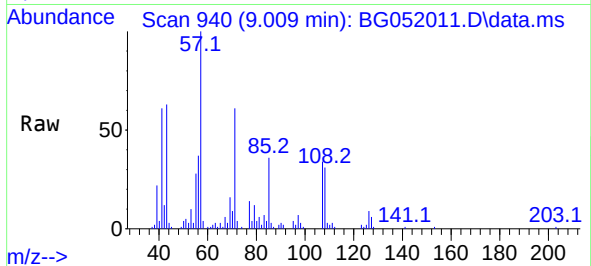
Tgt Ion:108 Resp: 3668
Ion Ratio Lower Upper
108 100
107 84.8 71.8 107.6





#18
4-Methylphenol
Concen: 6.988 ng/ul
RT: 9.009 min Scan# 940
Delta R.T. -0.007 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

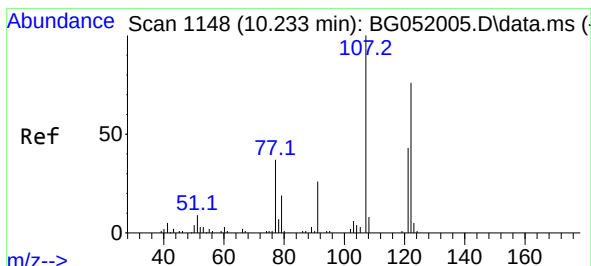
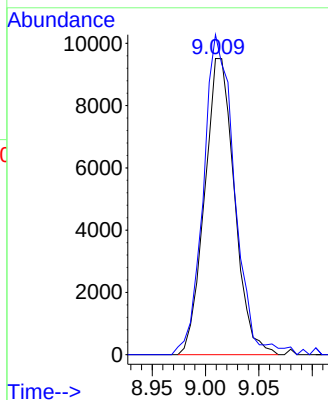
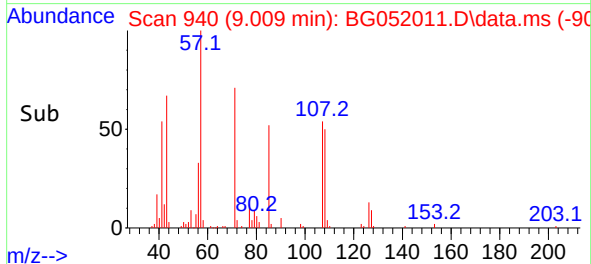
Instrument :
BNA_G
ClientSampleId :
BGLT4



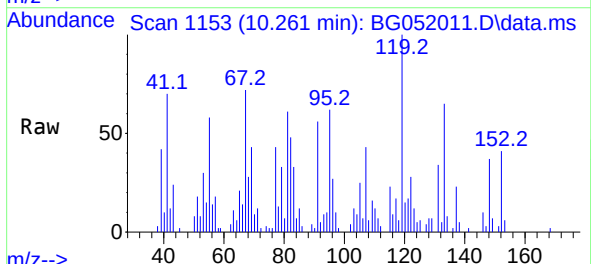
Tgt Ion:108 Resp: 18539
Ion Ratio Lower Upper
108 100
107 108.1 95.0 142.4

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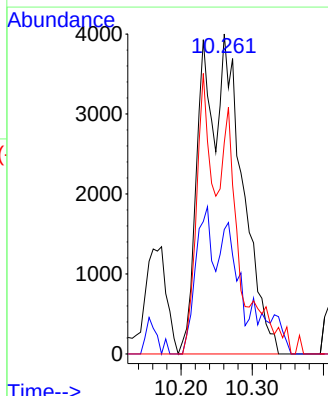
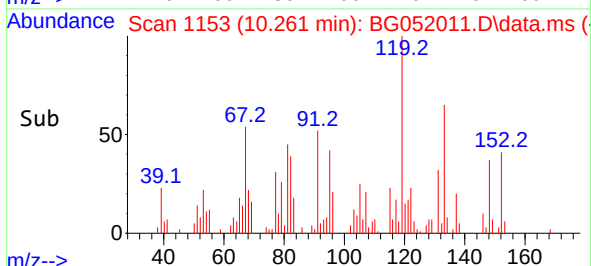
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

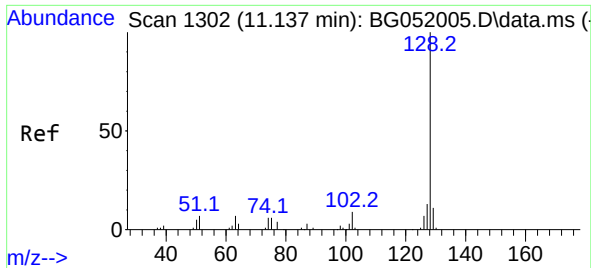


#26
2,4-Dimethylphenol
Concen: 5.786 ng/ul m
RT: 10.261 min Scan# 1153
Delta R.T. 0.028 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12



Tgt Ion:107 Resp: 15847
Ion Ratio Lower Upper
107 100
121 38.9 39.3 58.9#
122 66.1 63.7 95.5





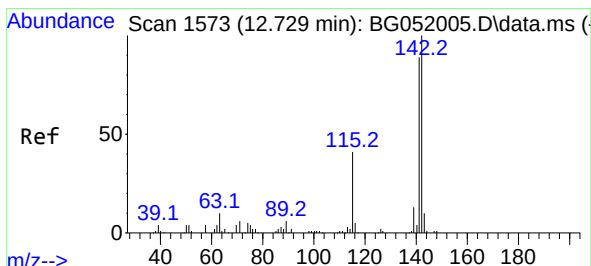
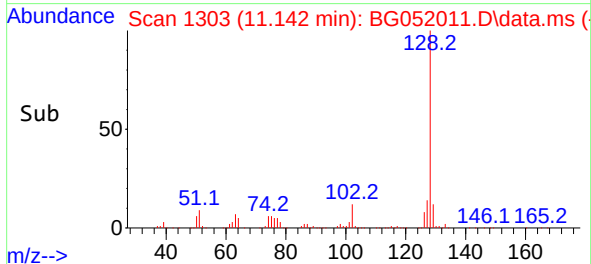
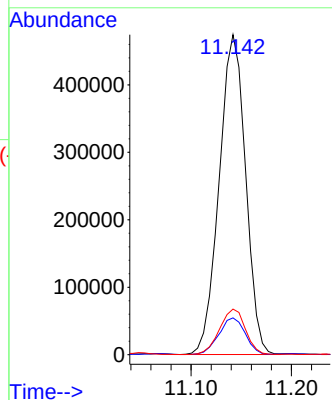
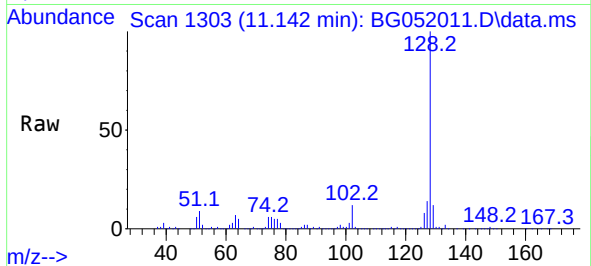
#30
Naphthalene
Concen: 121.766 ng/ul
RT: 11.142 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

Instrument :
BNA_G
ClientSampleId :
BGLT4

Tgt Ion:128 Resp: 867094
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 14.3 11.8 17.6

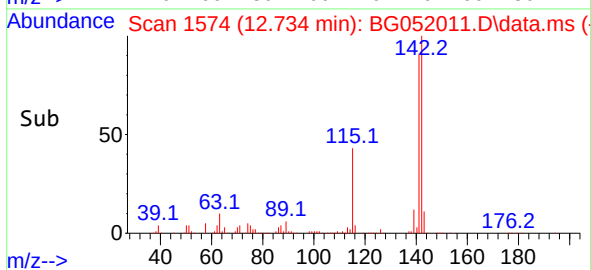
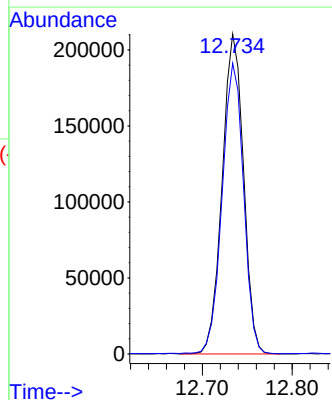
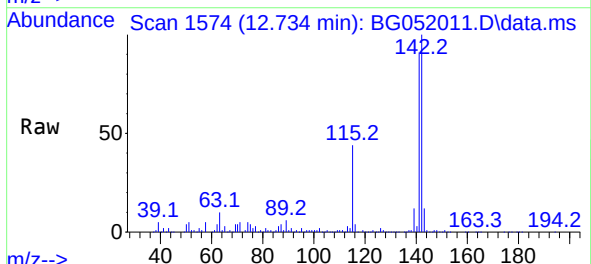
Manual Integrations
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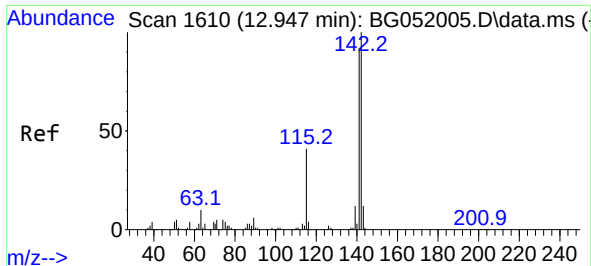
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#36
2-Methylnaphthalene
Concen: 68.279 ng/ul
RT: 12.734 min Scan# 1574
Delta R.T. -0.001 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

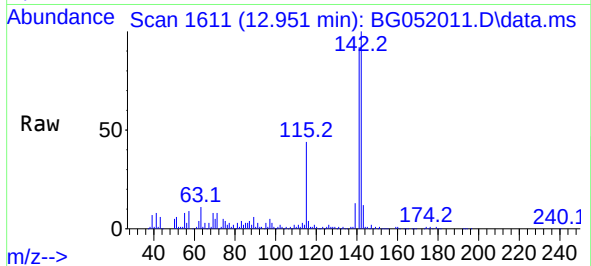
Tgt Ion:142 Resp: 346338
Ion Ratio Lower Upper
142 100
141 90.8 73.3 109.9





#37
1-Methylnaphthalene
Concen: 35.917 ng/ul
RT: 12.951 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

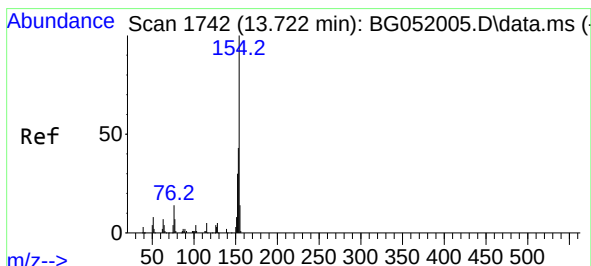
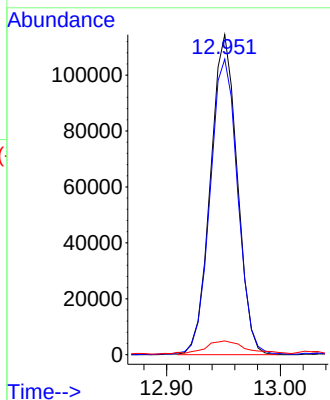
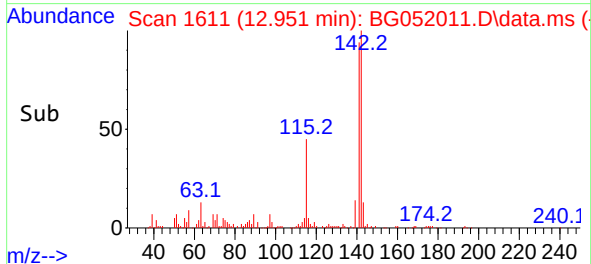
Instrument :
BNA_G
ClientSampleId :
BGLT4



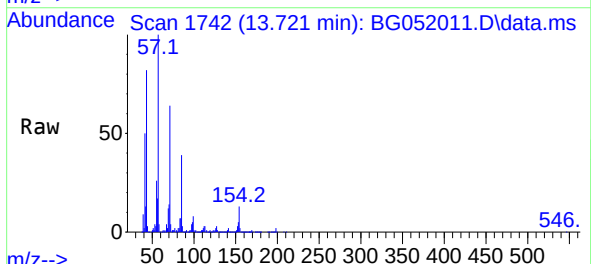
Tgt Ion:142 Resp: 18697
Ion Ratio Lower Upper
142 100
141 92.3 77.8 116.8
116 4.3 3.3 4.9

Manual Integrations
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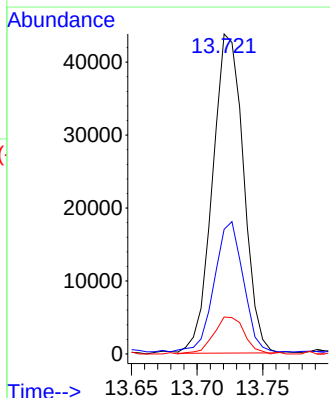
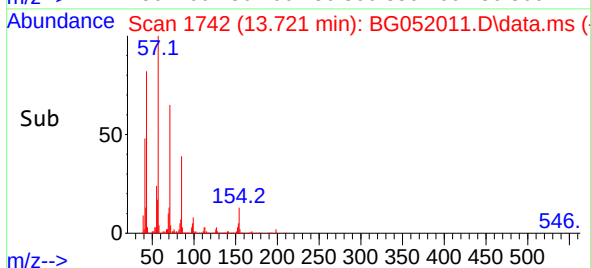
Reviewed By :Jagrut Upadhyay 01/17/2022
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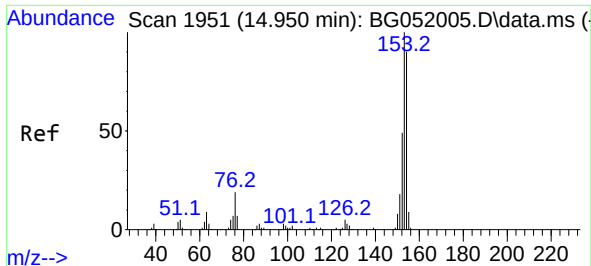


#43
1,1'-Biphenyl
Concen: 11.208 ng/ul
RT: 13.721 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12



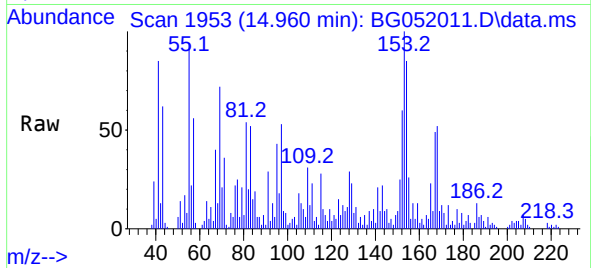
Tgt Ion:154 Resp: 71784
Ion Ratio Lower Upper
154 100
153 39.0 34.5 51.7
76 11.6 13.1 19.7#





#52
Acenaphthene
Concen: 6.731 ng/ul
RT: 14.960 min Scan# 1953
Delta R.T. 0.005 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

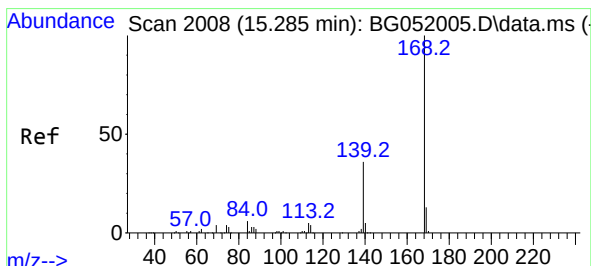
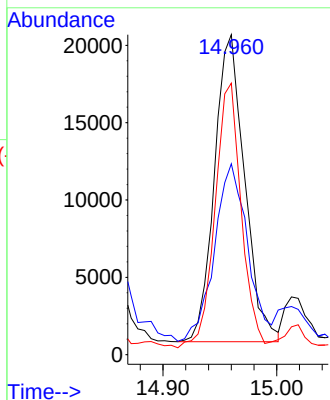
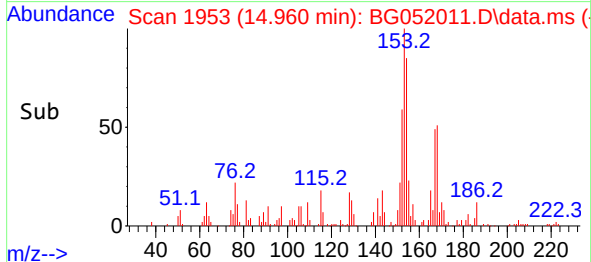
Instrument :
BNA_G
ClientSampleId :
BGLT4



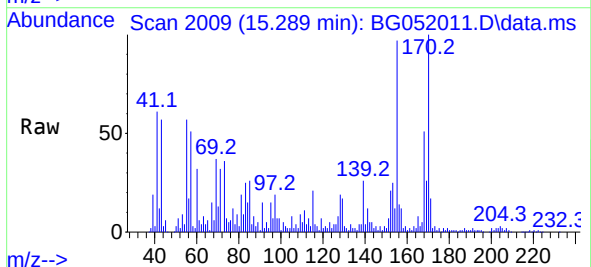
Tgt Ion:153 Resp: 36509
Ion Ratio Lower Upper
153 100
152 59.6 36.5 54.7
154 84.8 65.8 98.6

Manual Integrations
APPROVED

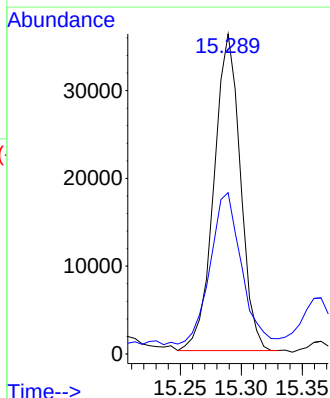
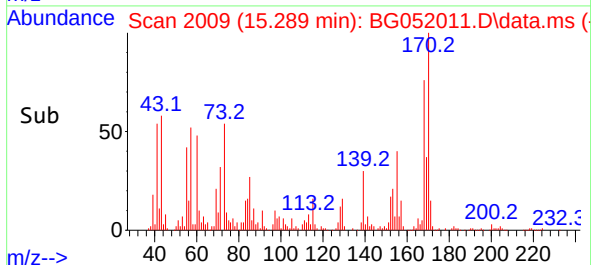
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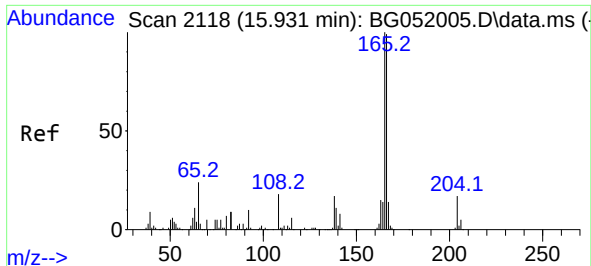


#56
Dibenzofuran
Concen: 6.917 ng/ul
RT: 15.289 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12



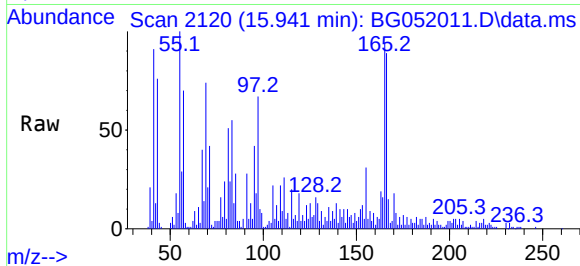
Tgt Ion:168 Resp: 54484
Ion Ratio Lower Upper
168 100
139 50.4 31.2 46.8#





#61
Fluorene
Concen: 7.744 ng/ul
RT: 15.941 min Scan# 2118
Delta R.T. 0.005 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

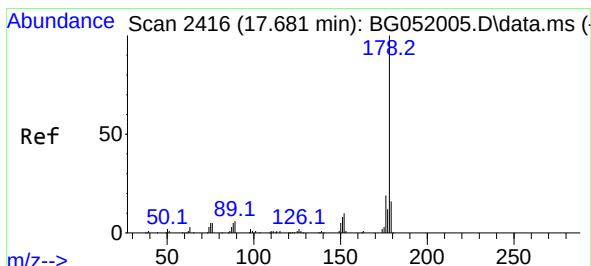
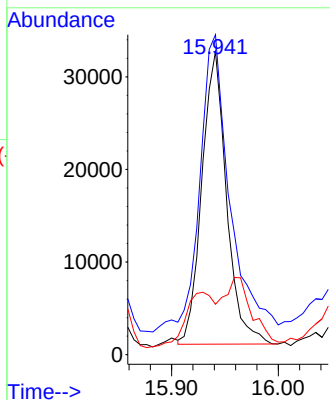
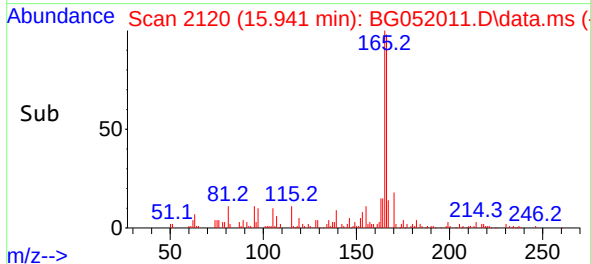
Instrument :
BNA_G
ClientSampleId :
BGLT4



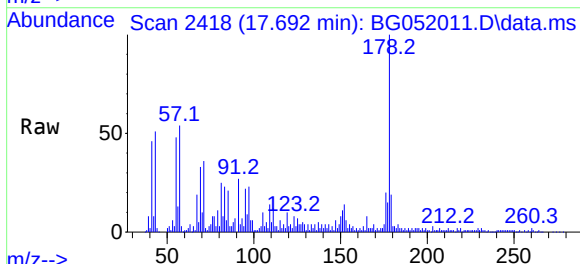
Tgt Ion:166 Resp: 50832
Ion Ratio Lower Upper
166 100
165 105.5 81.0 121.6
167 16.6 11.0 16.4

Manual Integrations
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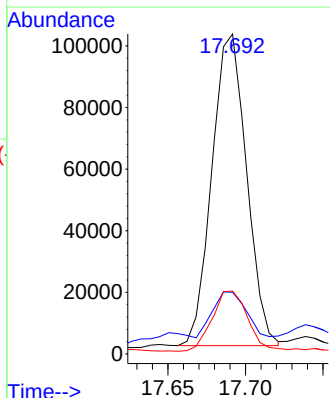
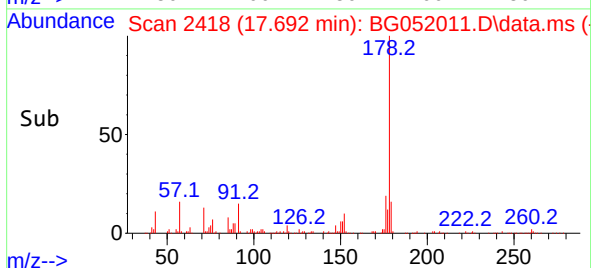
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

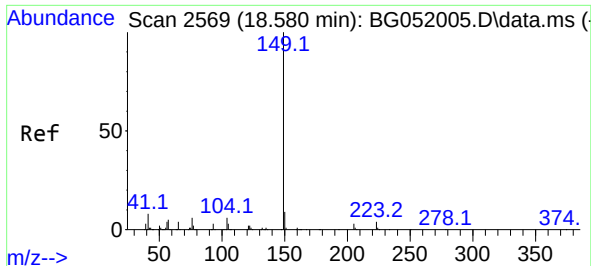


#72
Phenanthrene
Concen: 18.531 ng/ul
RT: 17.692 min Scan# 2418
Delta R.T. 0.010 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12



Tgt Ion:178 Resp: 157243
Ion Ratio Lower Upper
178 100
179 19.3 12.3 18.5#
176 19.7 15.5 23.3





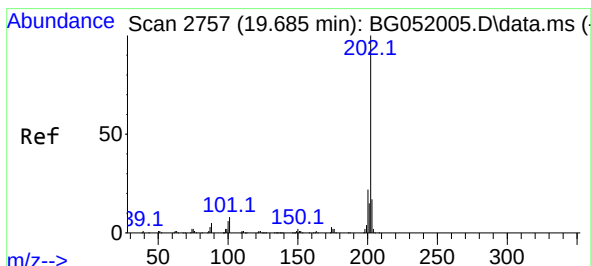
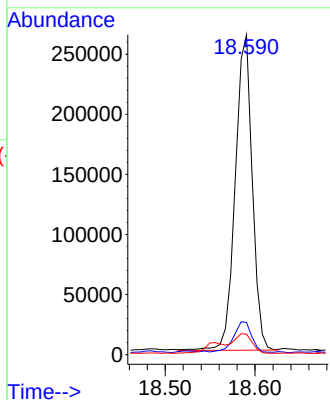
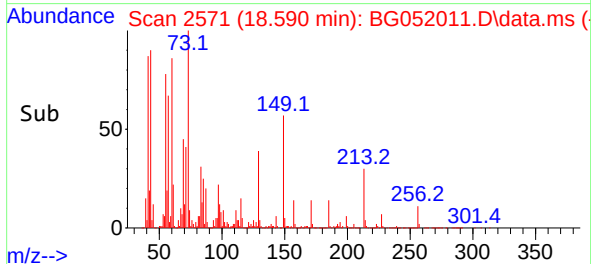
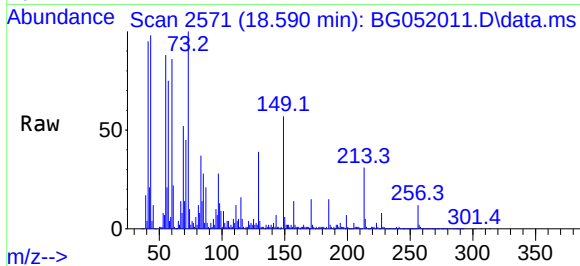
#78
Di-n-butylphthalate
Concen: 38.124 ng/ul
RT: 18.590 min Scan# 211
Delta R.T. 0.010 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

Instrument :
BNA_G
ClientSampleId :
BGLT4

Tgt Ion:149 Resp: 344908
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 6.5 5.0 7.6

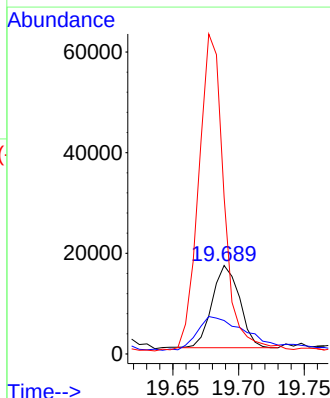
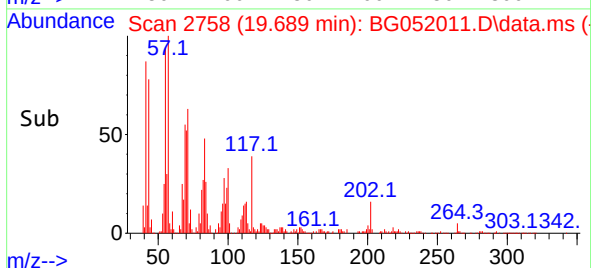
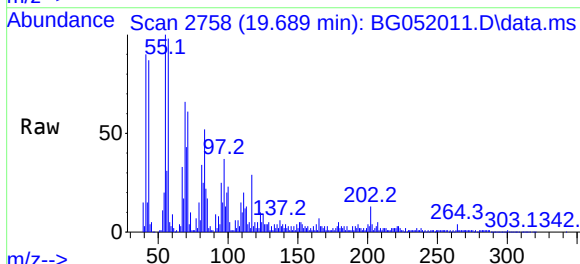
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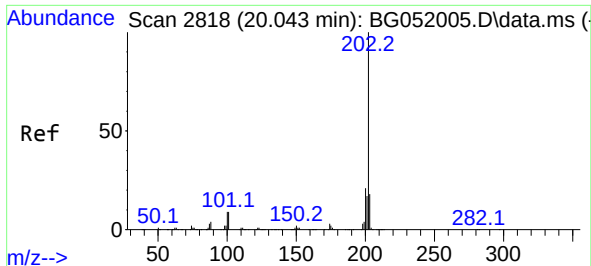
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#80
Fluoranthene
Concen: 2.294 ng/ul
RT: 19.689 min Scan# 2758
Delta R.T. 0.010 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

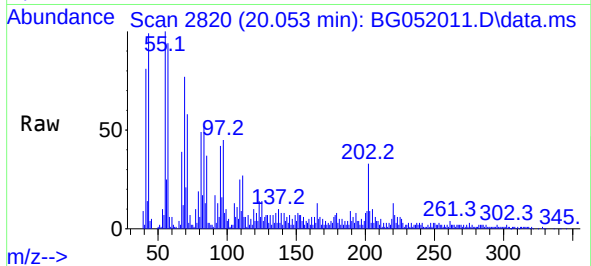
Tgt Ion:202 Resp: 23778
Ion Ratio Lower Upper
202 100
101 37.7 9.3 13.9#
100 177.3 7.0 10.6#





#82
Pyrene
Concen: 2.803 ng/ul
RT: 20.053 min Scan# 2818
Delta R.T. 0.010 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

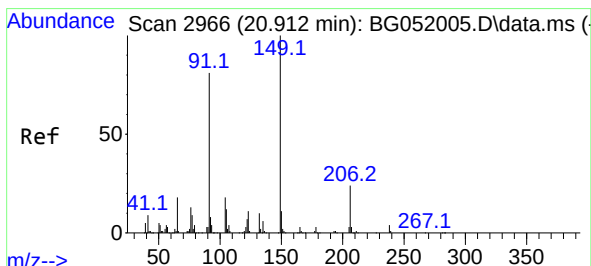
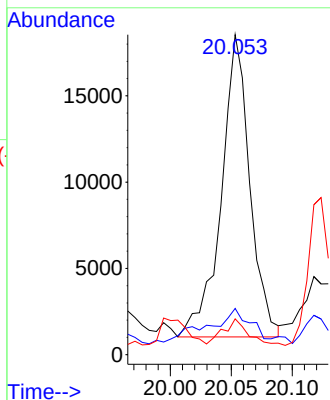
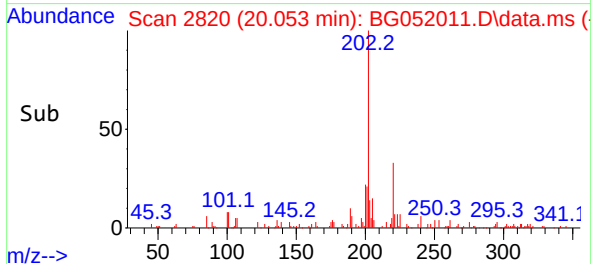
Instrument :
BNA_G
ClientSampleId :
BGLT4



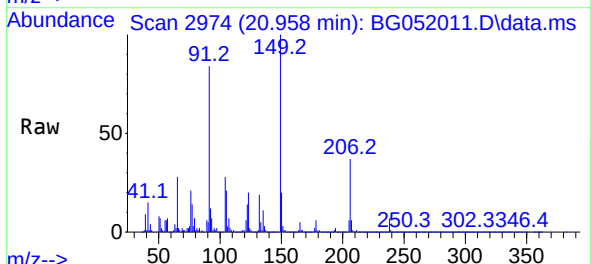
Tgt Ion:202 Resp: 28609
Ion Ratio Lower Upper
202 100
101 14.4 10.7 16.1
100 11.2 9.0 13.6

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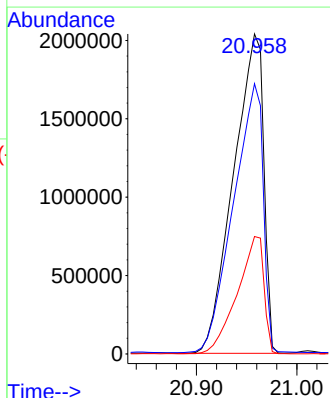
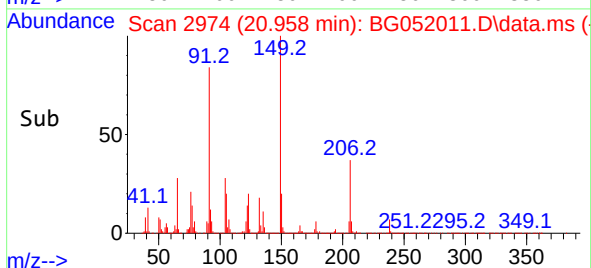
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

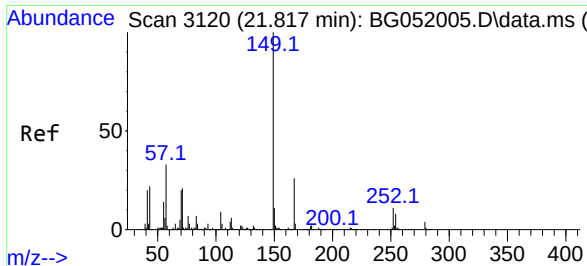


#83
Butylbenzylphthalate
Concen: 1197.322 ng/ul
RT: 20.958 min Scan# 2974
Delta R.T. 0.046 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12



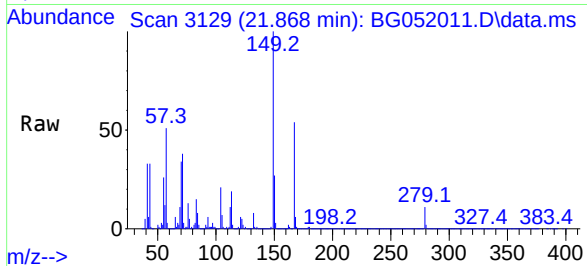
Tgt Ion:149 Resp: 4252241
Ion Ratio Lower Upper
149 100
91 84.4 65.2 97.8
206 36.7 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1237.830 ng/ul
RT: 21.868 min Scan# 3120
Delta R.T. 0.052 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

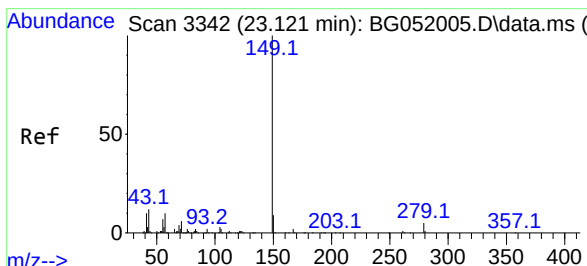
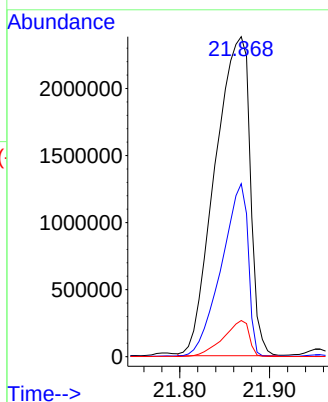
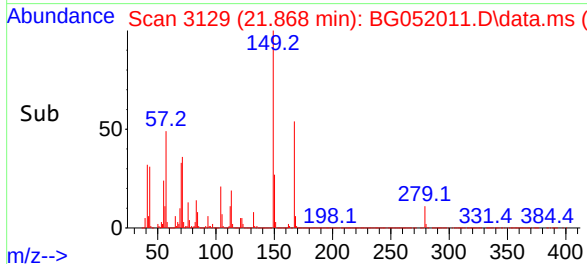
Instrument :
BNA_G
ClientSampleId :
BGLT4



Tgt Ion:149 Resp: 642914
Ion Ratio Lower Upper
149 100
167 54.0 21.1 31.7
279 11.3 2.7 4.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#89
Di-n-octyl phthalate
Concen: 90.507 ng/ul
RT: 23.149 min Scan# 3347
Delta R.T. 0.028 min
Lab File: BG052011.D
Acq: 16 Jan 2022 1:12

Tgt Ion:149 Resp: 800067

