

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054331.D
 Acq On : 20 Jul 2022 17:22
 Operator : CG/JU
 Sample : N3767-07 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-P

Quant Time: Jul 21 01:25:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

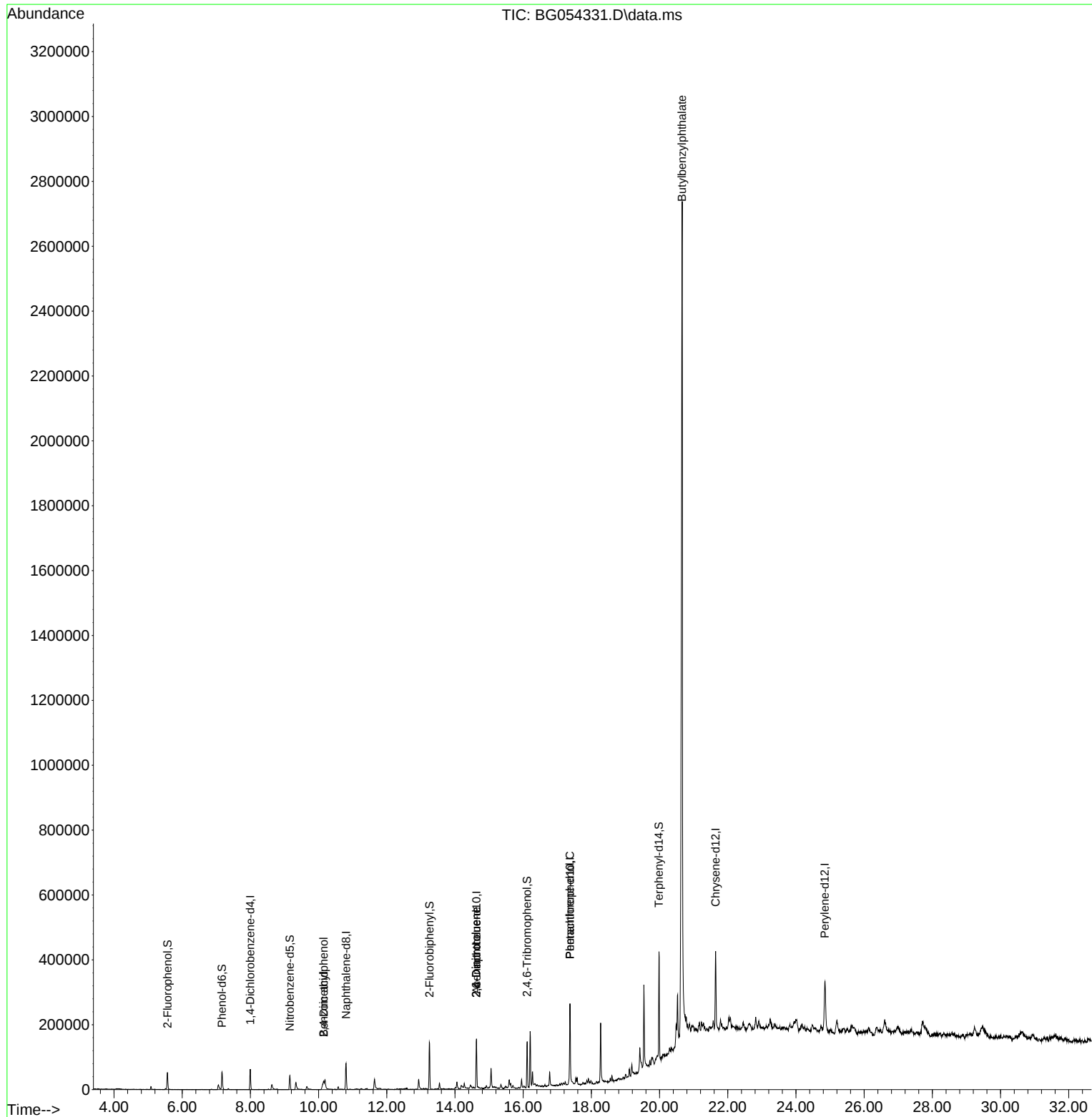
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	18680	20.000	ng	0.00
21) Naphthalene-d8	10.803	136	72987	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	59207	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	146371	20.000	ng	# 0.00
76) Chrysene-d12	21.644	240	173248	20.000	ng	# 0.00
86) Perylene-d12	24.846	264	186235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	24187	27.034	ng	0.00
7) Phenol-d6	7.166	99	30231	24.659	ng	0.00
23) Nitrobenzene-d5	9.158	82	26010	19.407	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	38013	30.579	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	84707	20.183	ng	-0.01
79) Terphenyl-d14	19.981	244	191305	21.906	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.145	122	17846	19.567	ng	# 1
32) Benzoic acid	10.145	122	17846	49.089	ng	# 82
51) 2,6-Dinitrotoluene	14.622	165	8133	8.018	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	8133	5.593	ng	# 21
70) Pentachlorophenol	17.372	266	752	4.484	ng	# 80
80) Butylbenzylphthalate	20.657	149	6693	2.161	ng	# 47

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

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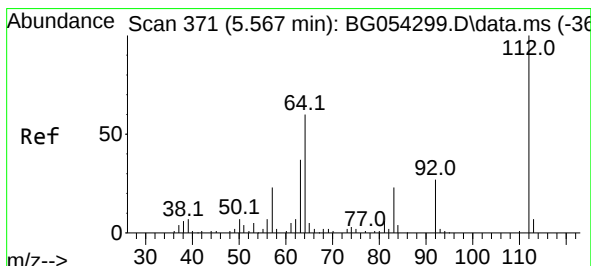
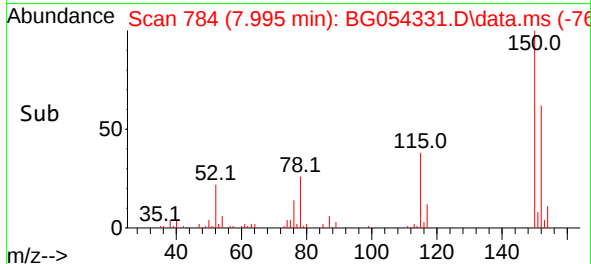
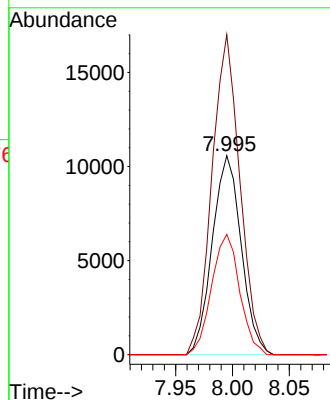
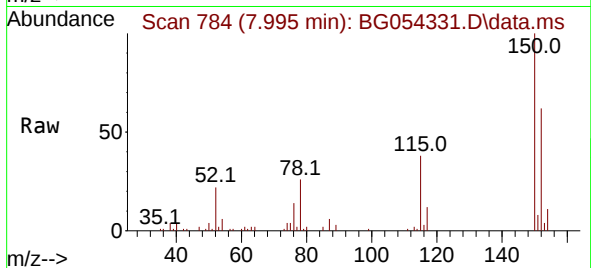




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.995 min Scan# 785
Delta R.T. -0.005 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

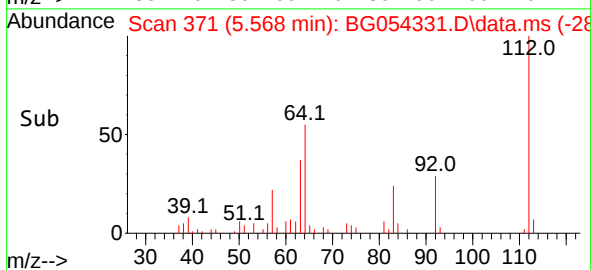
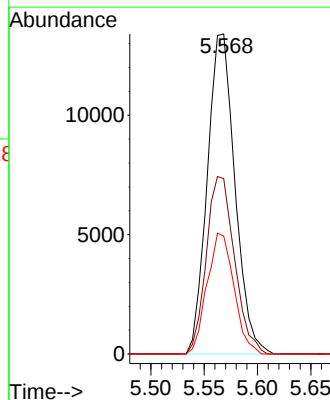
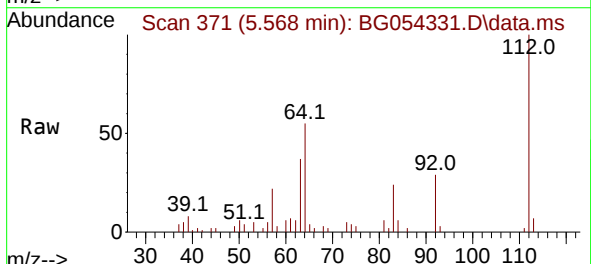
Instrument :
BNA_G
ClientSampleId :
TANK-P

Tgt Ion:152 Resp: 18680
Ion Ratio Lower Upper
152 100
150 160.8 131.6 197.4
115 60.5 50.9 76.3



#5
2-Fluorophenol
Concen: 27.034 ng
RT: 5.568 min Scan# 371
Delta R.T. 0.001 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion:112 Resp: 24187
Ion Ratio Lower Upper
112 100
64 54.8 55.1 82.7#
63 36.8 30.4 45.6

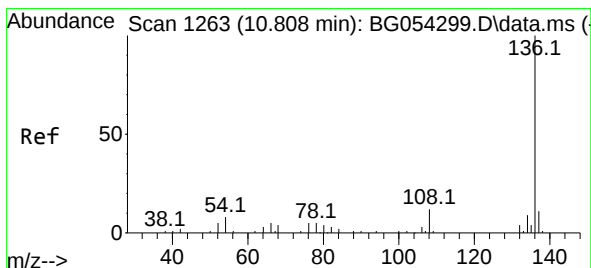
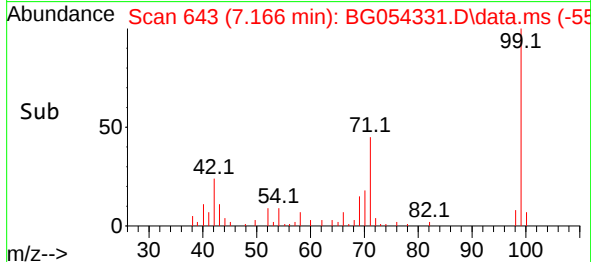
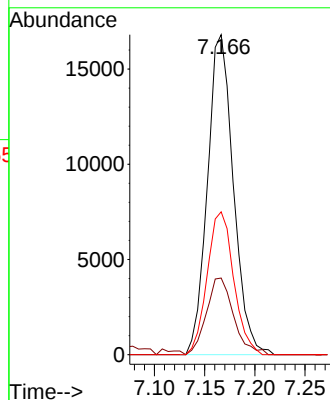
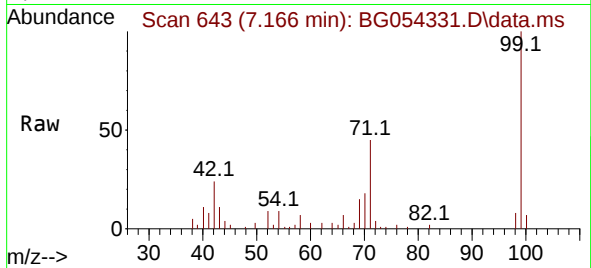




#7
Phenol-d6
Concen: 24.659 ng
RT: 7.166 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

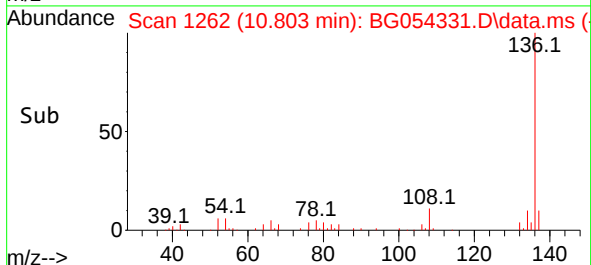
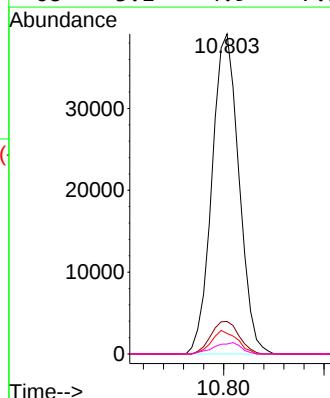
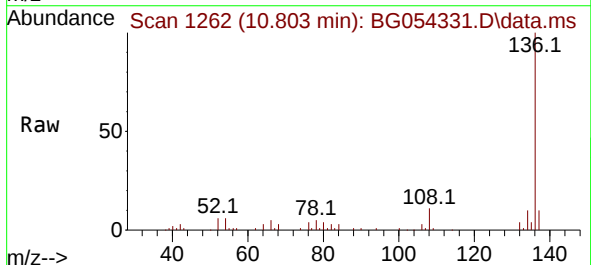
Instrument :
BNA_G
ClientSampleId :
TANK-P

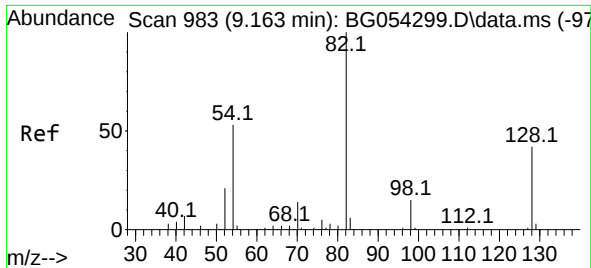
Tgt Ion: 99 Resp: 30231
Ion Ratio Lower Upper
99 100
42 24.0 17.0 25.6
71 44.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion: 136 Resp: 72987
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 6.4 7.4 11.2#
68 3.1 4.9 7.3#

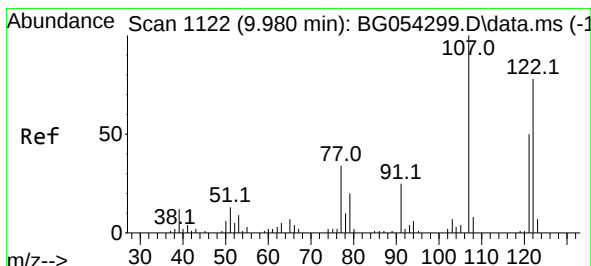
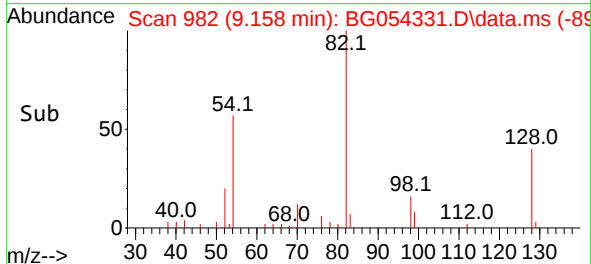
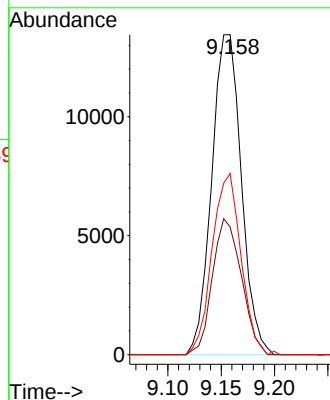
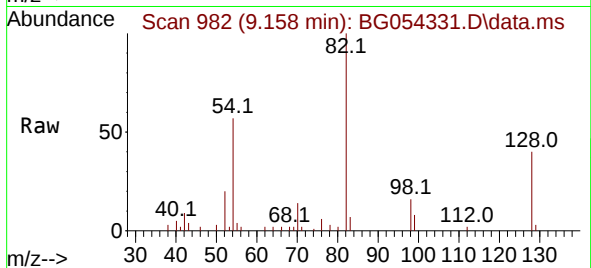




#23
Nitrobenzene-d5
Concen: 19.407 ng
RT: 9.158 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

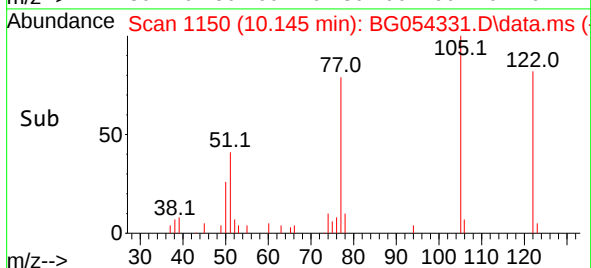
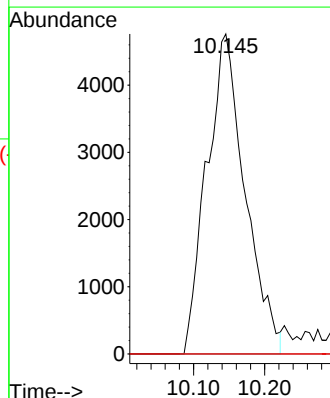
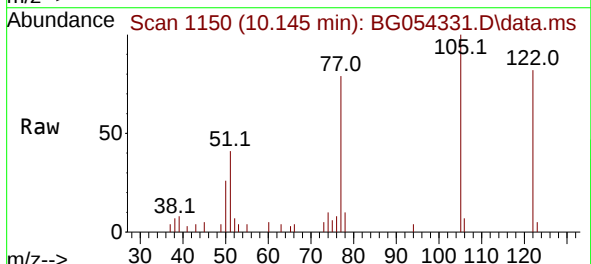
Instrument :
BNA_G
ClientSampleId :
TANK-P

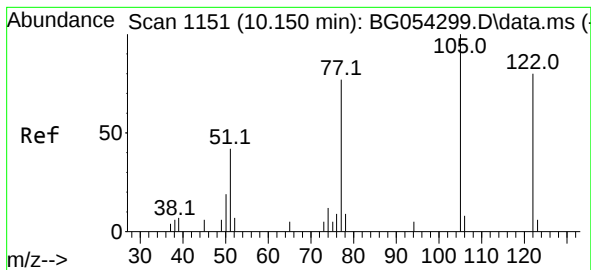
Tgt Ion: 82 Resp: 26010
Ion Ratio Lower Upper
82 100
128 39.9 27.9 41.9
54 56.6 41.2 61.8



#27
2,4-Dimethylphenol
Concen: 19.567 ng
RT: 10.145 min Scan# 1150
Delta R.T. 0.165 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion:122 Resp: 17846
Ion Ratio Lower Upper
122 100
107 0.0 109.4 164.0#
121 0.0 48.7 73.1#





#32

Benzoic acid

Concen: 49.089 ng

RT: 10.145 min Scan# 1150

Delta R.T. -0.005 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

Instrument :

BNA_G

ClientSampleId :

TANK-P

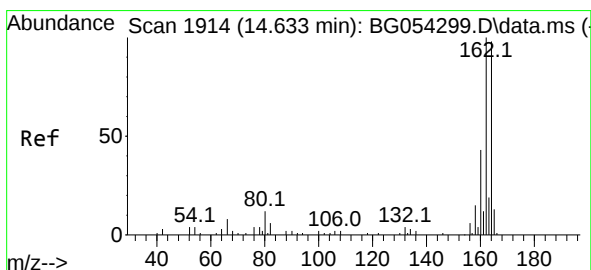
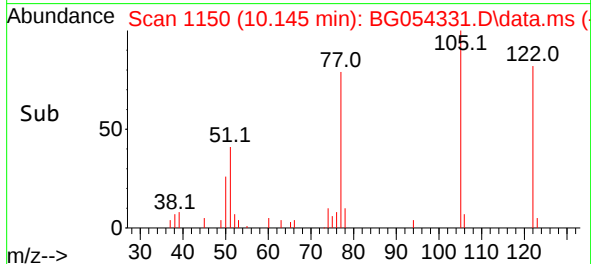
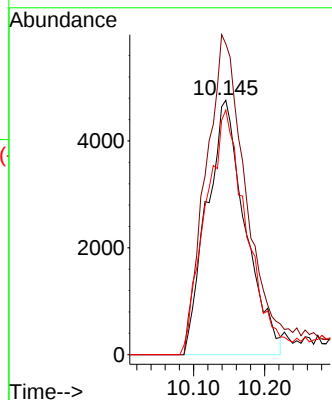
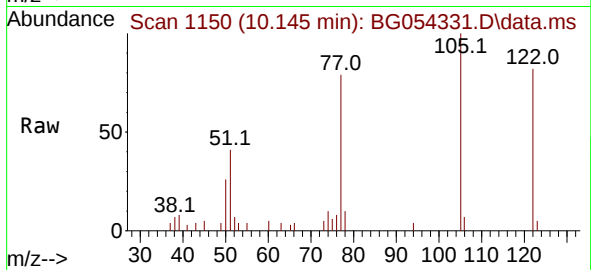
Tgt Ion:122 Resp: 17846

Ion Ratio Lower Upper

122 100

105 122.2 111.8 151.8

77 96.2 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.628 min Scan# 1913

Delta R.T. -0.005 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

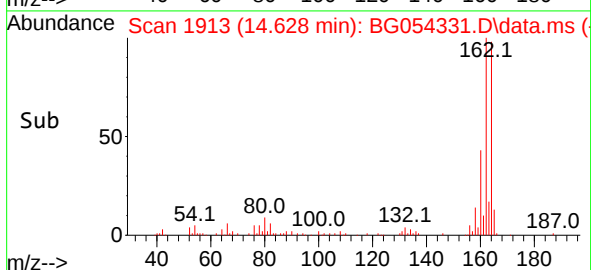
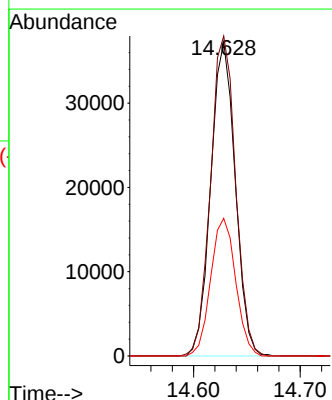
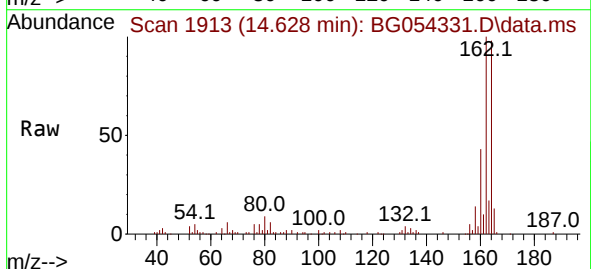
Tgt Ion:164 Resp: 59207

Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

160 43.8 34.2 51.2

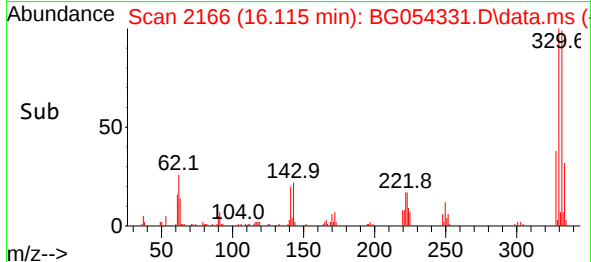
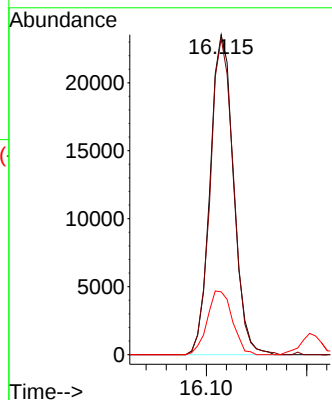
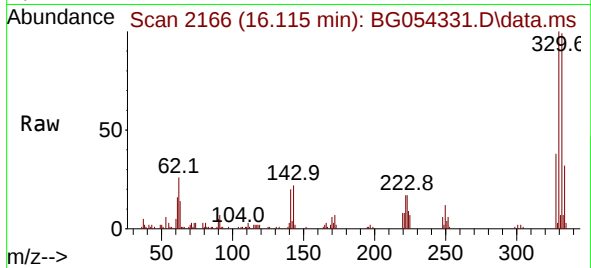




#42
2,4,6-Tribromophenol
Concen: 30.579 ng
RT: 16.115 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

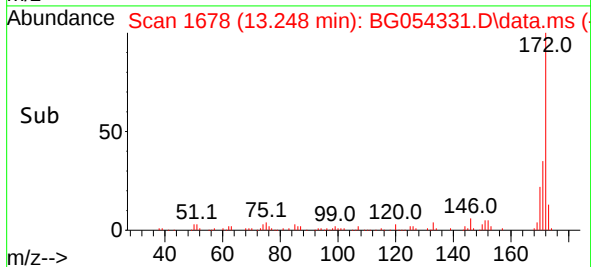
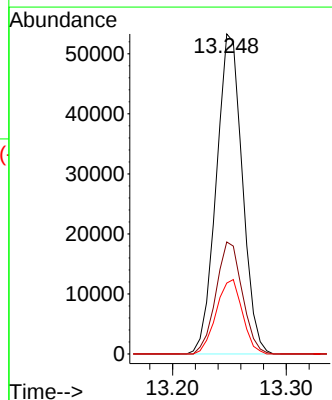
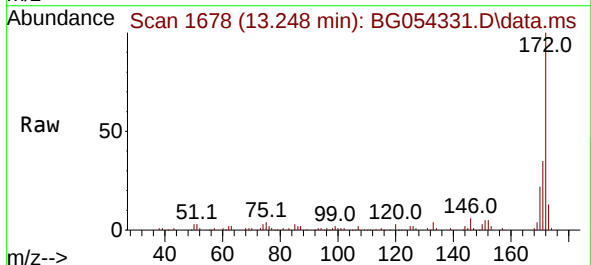
Instrument :
BNA_G
ClientSampleId :
TANK-P

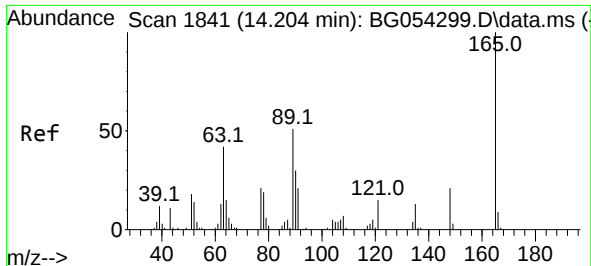
Tgt Ion:330 Resp: 38013
Ion Ratio Lower Upper
330 100
332 98.6 76.0 114.0
141 21.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 20.183 ng
RT: 13.248 min Scan# 1678
Delta R.T. -0.011 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion:172 Resp: 84707
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.018 ng

RT: 14.622 min Scan# 1912

Delta R.T. 0.418 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

Instrument :

BNA_G

ClientSampleId :

TANK-P

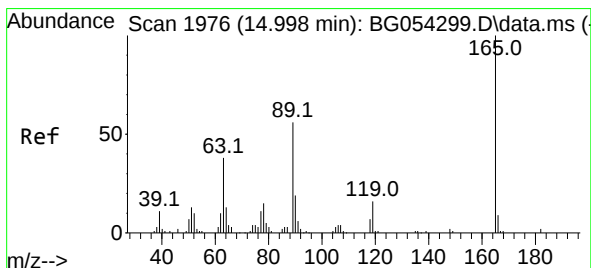
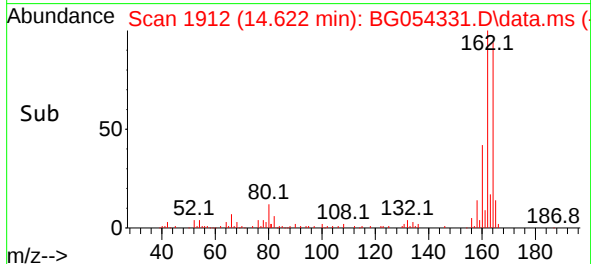
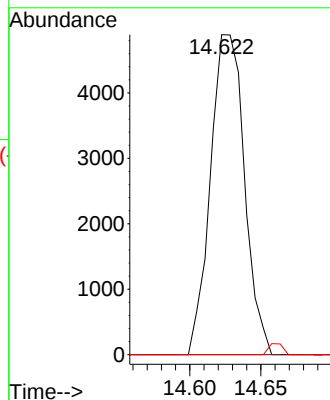
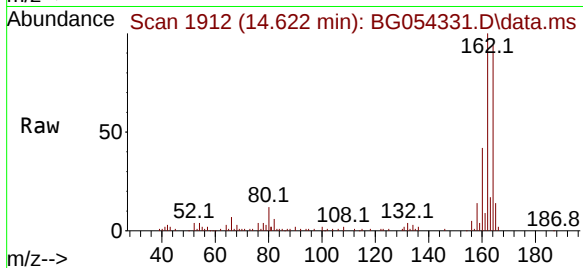
Tgt Ion:165 Resp: 8133

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: 5.593 ng

RT: 14.622 min Scan# 1912

Delta R.T. -0.375 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

Tgt Ion:165 Resp: 8133

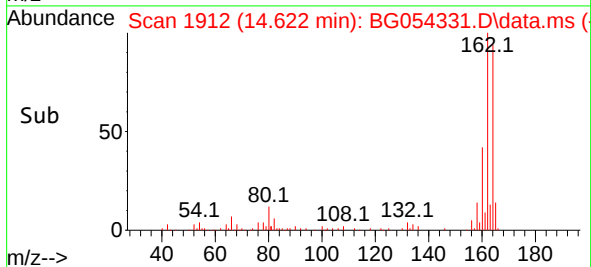
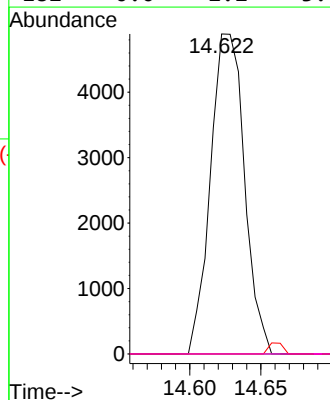
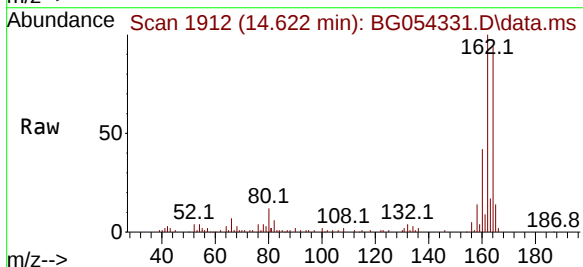
Ion Ratio Lower Upper

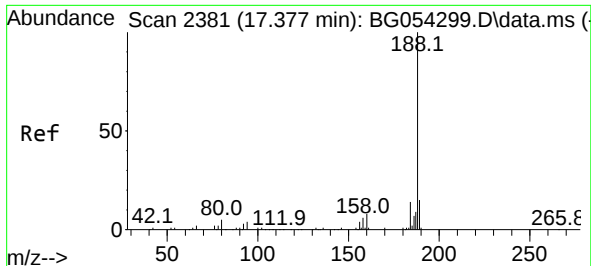
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

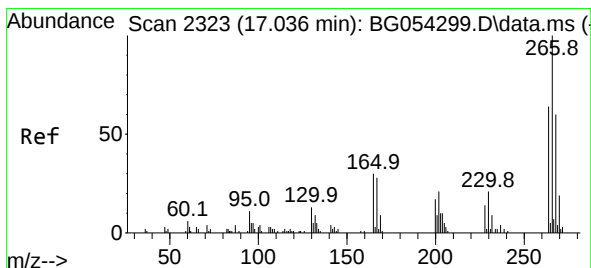
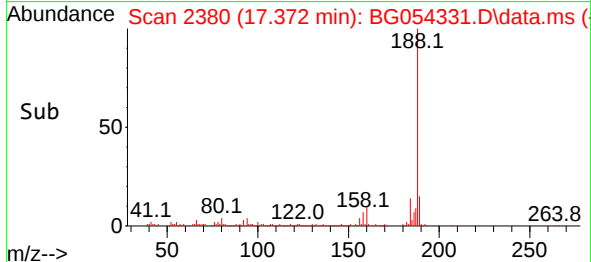
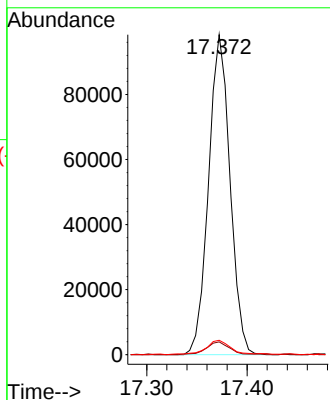
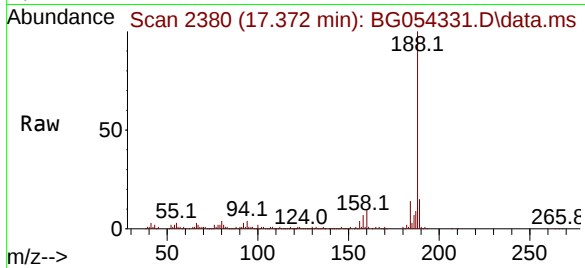




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

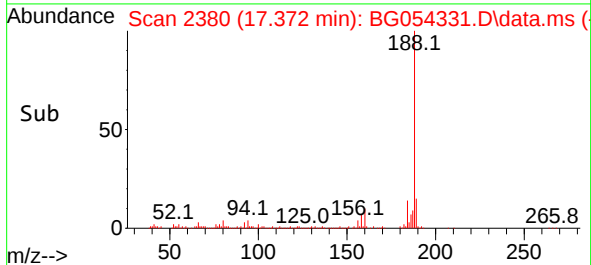
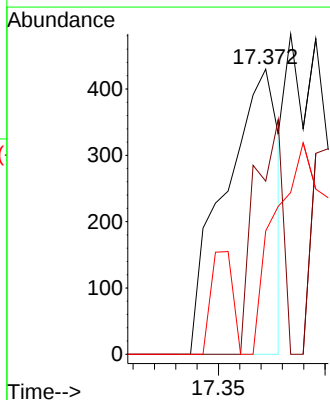
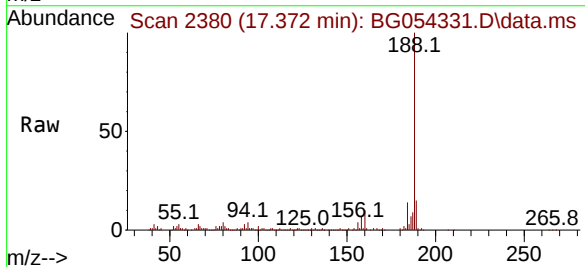
Instrument :
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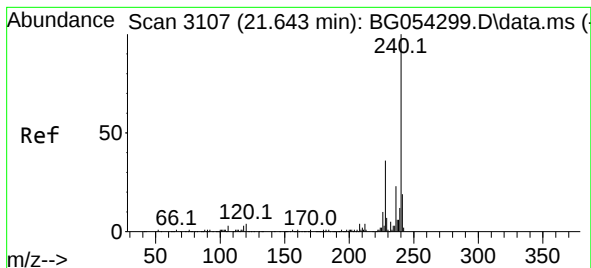
Tgt Ion:188 Resp: 146371
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.5 6.8 10.2#



#70
Pentachlorophenol
Concen: 4.484 ng
RT: 17.372 min Scan# 2380
Delta R.T. 0.336 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion:266 Resp: 752
Ion Ratio Lower Upper
266 100
268 60.7 56.2 84.2
264 43.3 53.0 79.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.644 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

Instrument :

BNA_G

ClientSampleId :

TANK-P

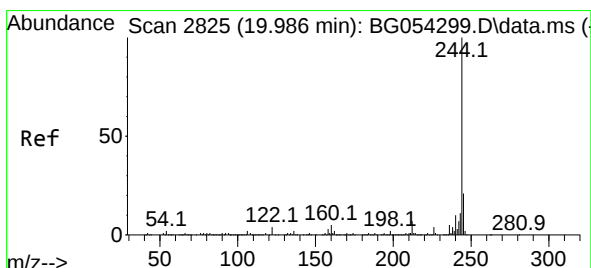
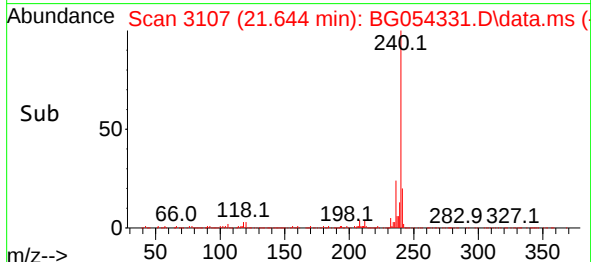
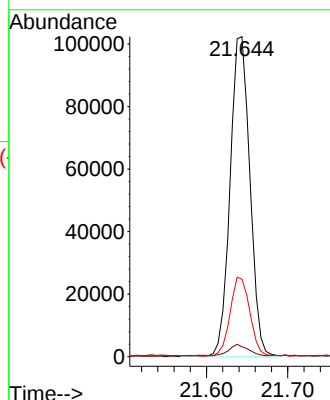
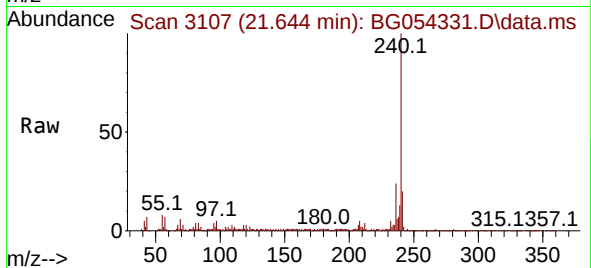
Tgt Ion:240 Resp: 173248

Ion Ratio Lower Upper

240 100

120 3.1 4.6 7.0#

236 24.2 20.2 30.4



#79

Terphenyl-d14

Concen: 21.906 ng

RT: 19.981 min Scan# 2824

Delta R.T. -0.005 min

Lab File: BG054331.D

Acq: 20 Jul 2022 17:22

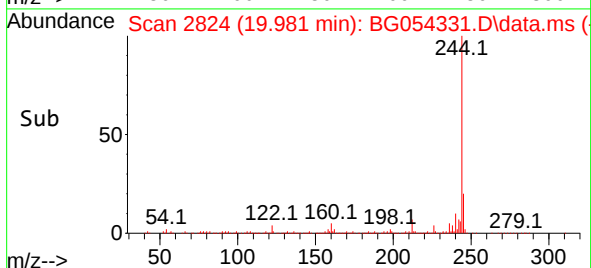
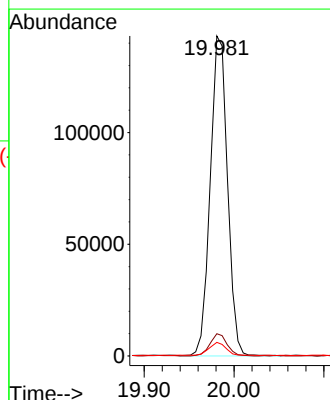
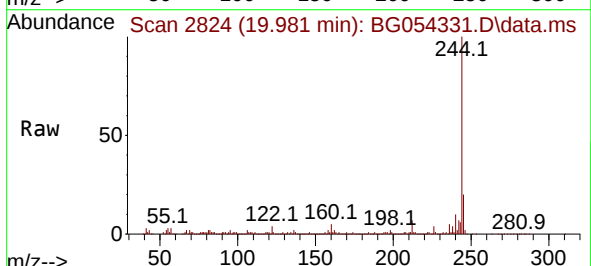
Tgt Ion:244 Resp: 191305

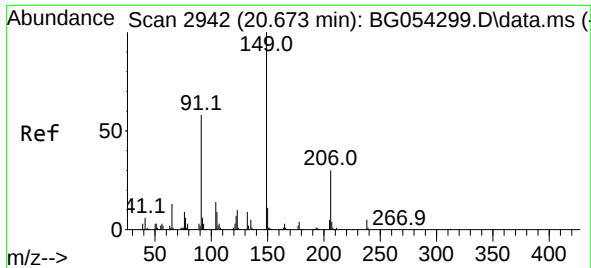
Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 4.3 5.0 7.4#

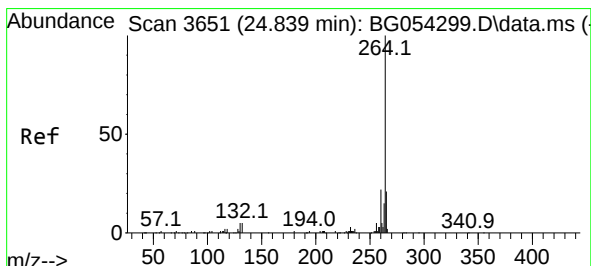
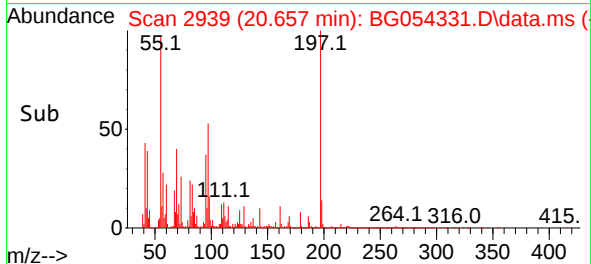
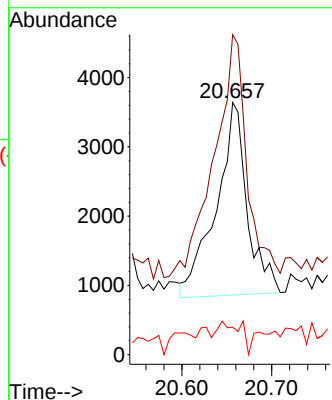
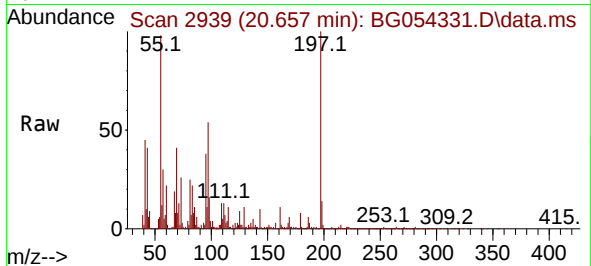




#80
Butylbenzylphthalate
Concen: 2.161 ng
RT: 20.657 min Scan# 2942
Delta R.T. -0.017 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Instrument :
BNA_G
ClientSampleId :
TANK-P

Tgt Ion:149 Resp: 6693
Ion Ratio Lower Upper
149 100
91 126.9 59.6 89.4#
206 10.9 18.6 28.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.846 min Scan# 3652
Delta R.T. 0.007 min
Lab File: BG054331.D
Acq: 20 Jul 2022 17:22

Tgt Ion:264 Resp: 186235
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.5 17.4 26.2

