

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054349.D
 Acq On : 21 Jul 2022 17:46
 Operator : CG/JU
 Sample : N3767-03RE 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-NRE

Quant Time: Jul 22 02:37:23 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)

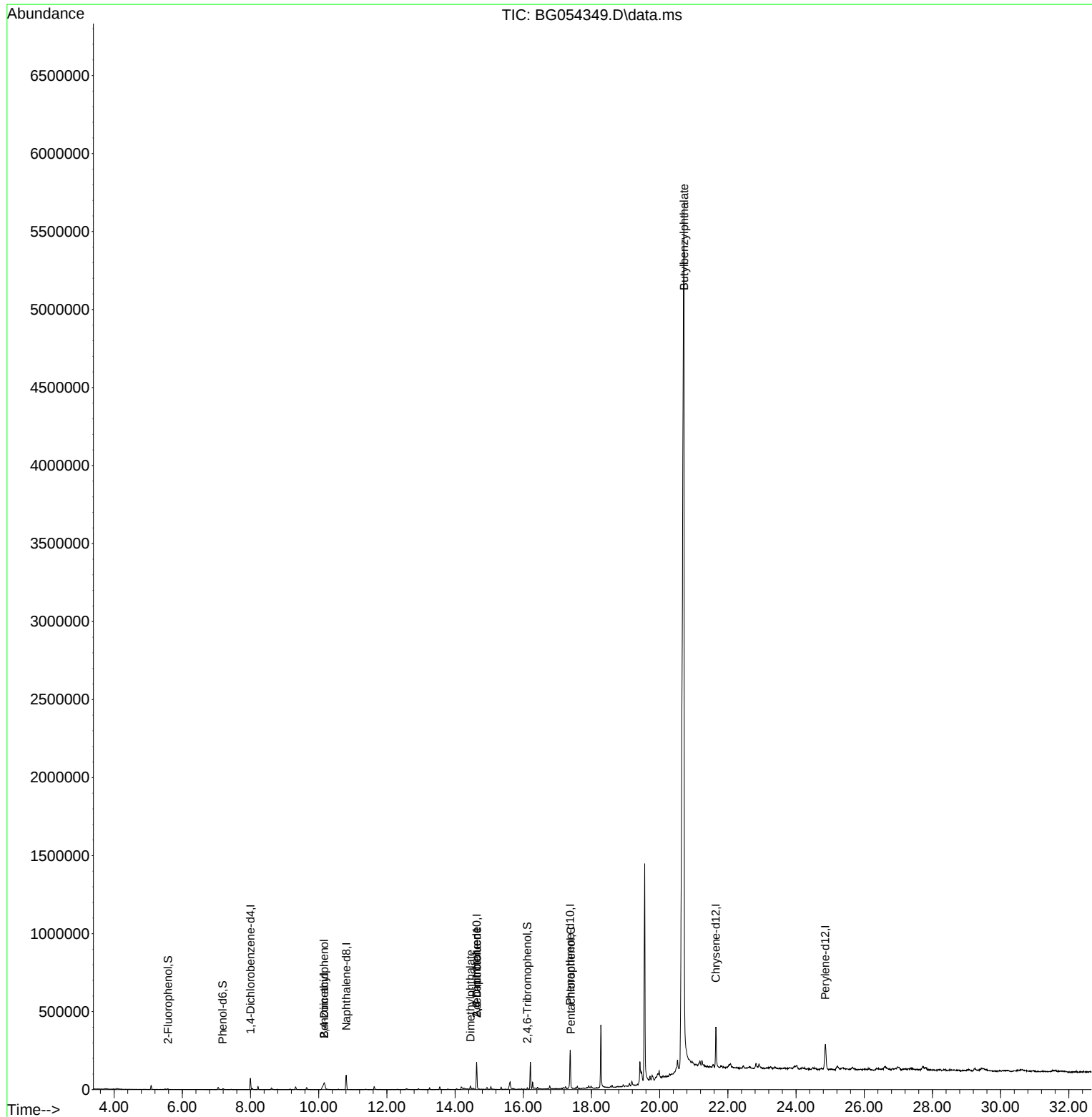
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	23206	20.000	ng	# 0.00
21) Naphthalene-d8	10.808	136	85543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	68756	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	163071	20.000	ng	# 0.00
76) Chrysene-d12	21.648	240	183356	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	193493	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	2680	2.411	ng	0.01
7) Phenol-d6	7.183	99	3239	2.127	ng	0.01
23) Nitrobenzene-d5	9.163	82	2391	1.522	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	3399	2.354	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	8207	1.684	ng	0.00
79) Terphenyl-d14	19.985	244	17961	1.943	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	10.162	122	32357	30.269	ng	# 1
32) Benzoic acid	10.162	122	32357	71.746	ng	# 84
50) Dimethylphthalate	14.451	163	13114	2.442	ng	# 95
51) 2,6-Dinitrotoluene	14.633	165	9866	8.375	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	9866	5.842	ng	# 21
70) Pentachlorophenol	17.394	266	260	4.000	ng	# 16
80) Butylbenzylphthalate	20.714	149	25266	7.706	ng	# 63

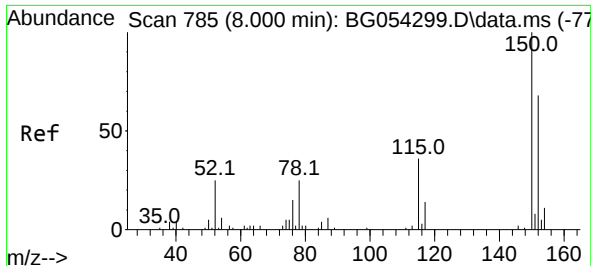
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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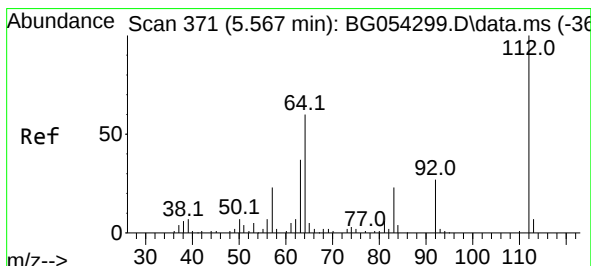
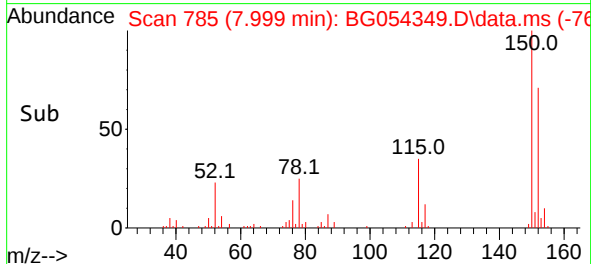
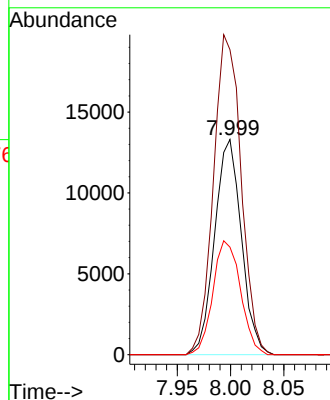
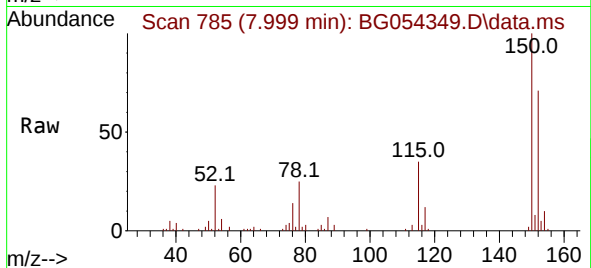




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.999 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

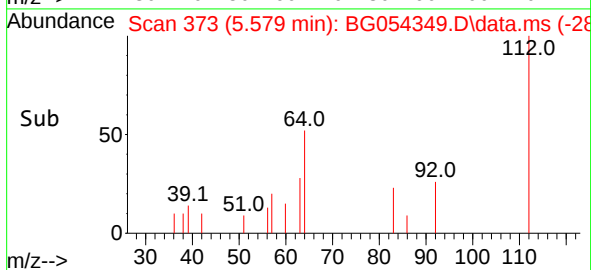
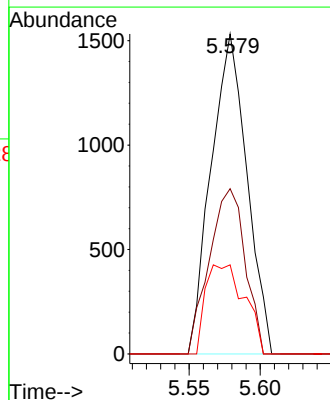
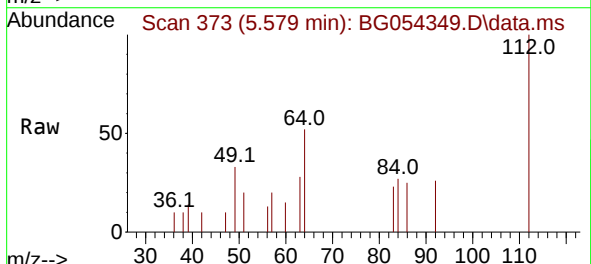
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

Tgt Ion:152 Resp: 23206
Ion Ratio Lower Upper
152 100
150 141.8 131.6 197.4
115 50.0 50.9 76.3#



#5
2-Fluorophenol
Concen: 2.411 ng
RT: 5.579 min Scan# 373
Delta R.T. 0.011 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:112 Resp: 2680
Ion Ratio Lower Upper
112 100
64 51.6 55.1 82.7#
63 27.9 30.4 45.6#

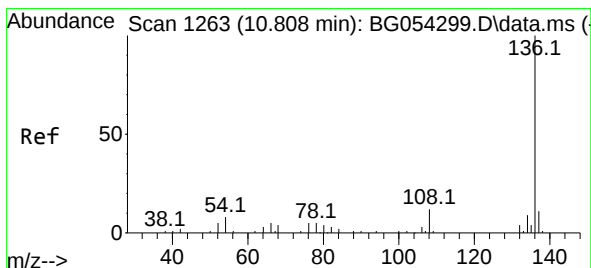
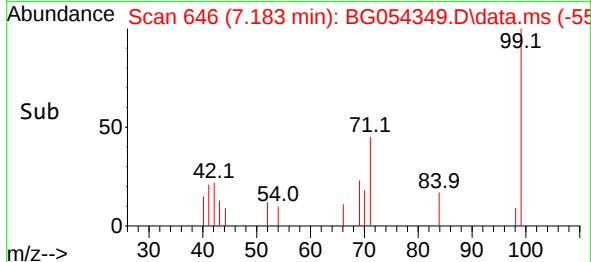
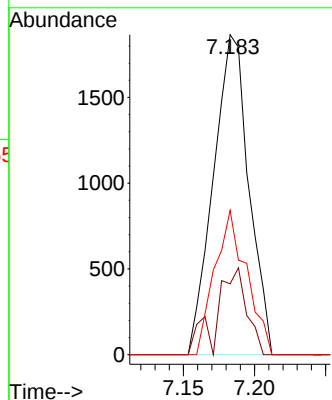
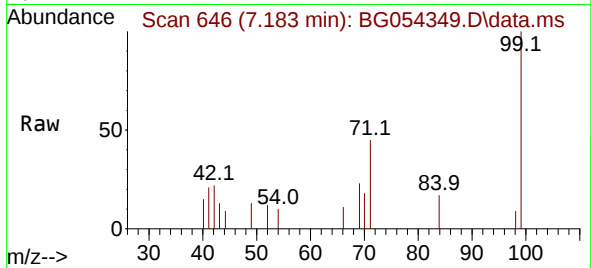




#7
Phenol-d6
Concen: 2.127 ng
RT: 7.183 min Scan# 644
Delta R.T. 0.011 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

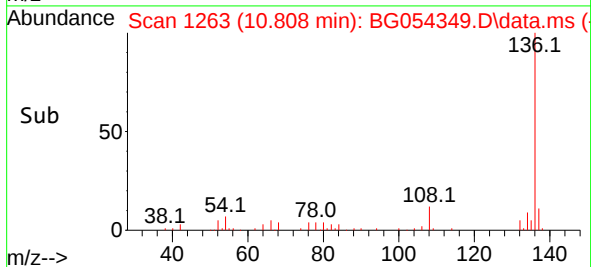
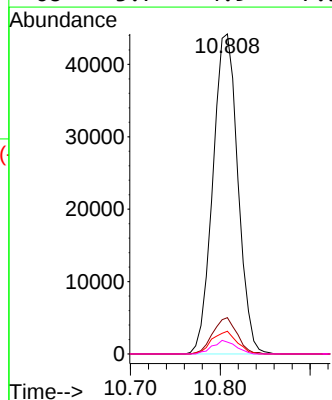
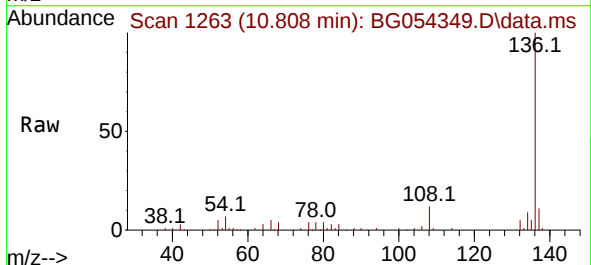
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

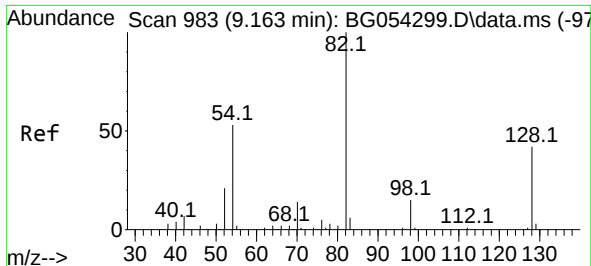
Tgt Ion: 99 Resp: 3239
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 45.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion: 136 Resp: 85543
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.1 7.4 11.2#
68 3.7 4.9 7.3#

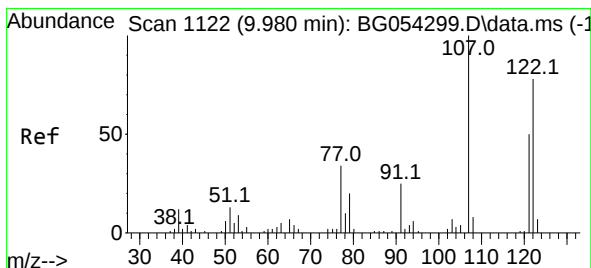
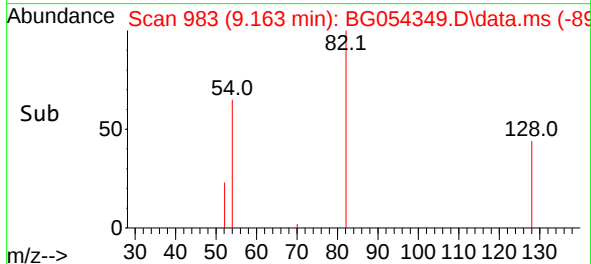
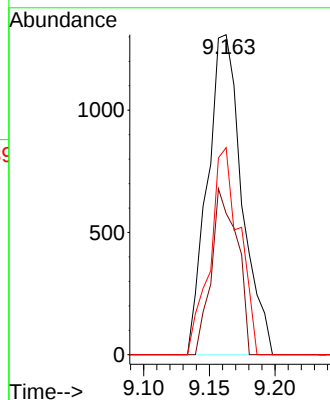
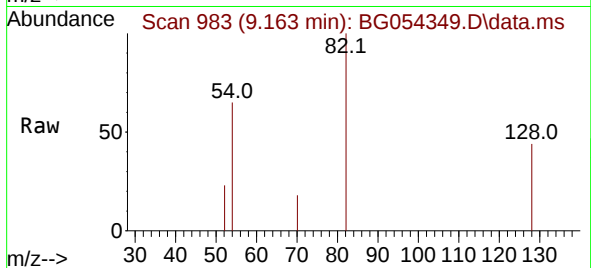




#23
Nitrobenzene-d5
Concen: 1.522 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

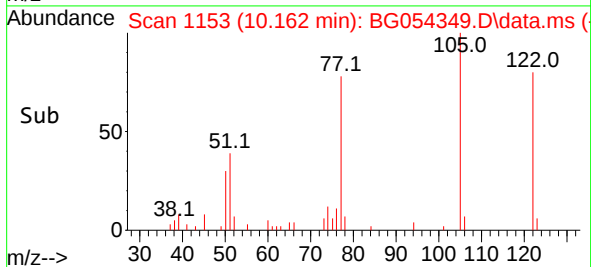
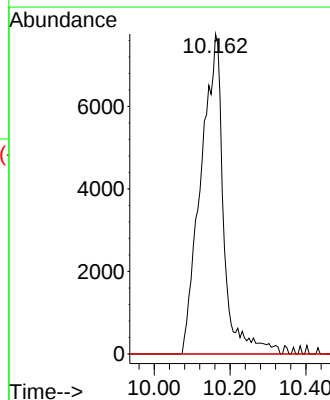
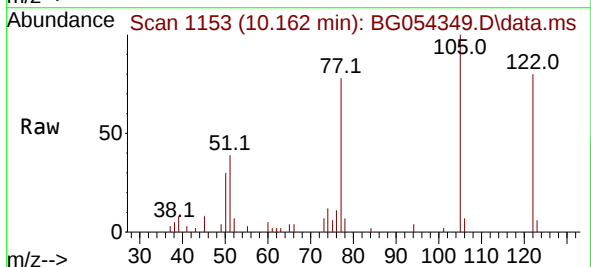
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

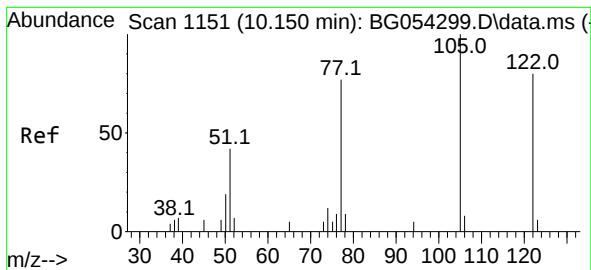
Tgt Ion: 82 Resp: 2391
Ion Ratio Lower Upper
82 100
128 44.2 27.9 41.9#
54 64.7 41.2 61.8#



#27
2,4-Dimethylphenol
Concen: 30.269 ng
RT: 10.162 min Scan# 1153
Delta R.T. 0.182 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion: 122 Resp: 32357
Ion Ratio Lower Upper
122 100
107 0.0 109.4 164.0#
121 0.0 48.7 73.1#





#32

Benzoic acid

Concen: 71.746 ng

RT: 10.162 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BG054349.D

Acq: 21 Jul 2022 17:46

Instrument :

BNA_G

ClientSampleId :

TANK-NRE

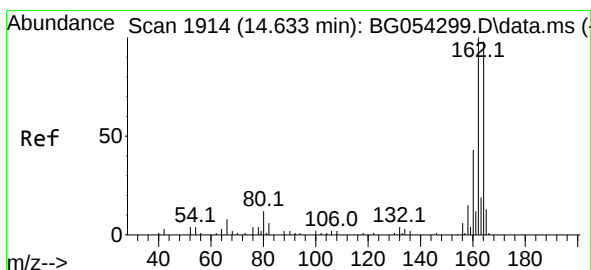
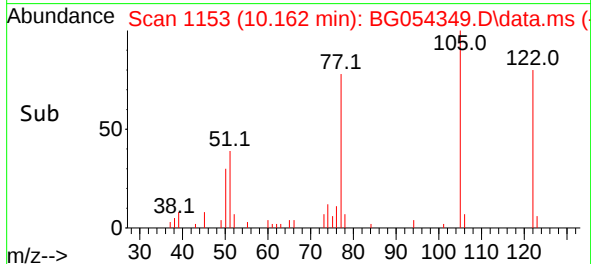
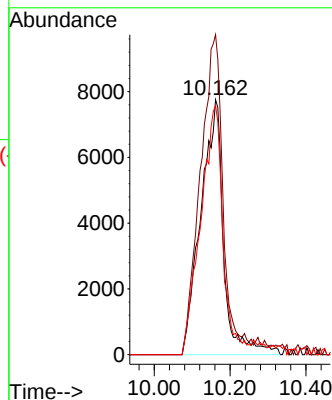
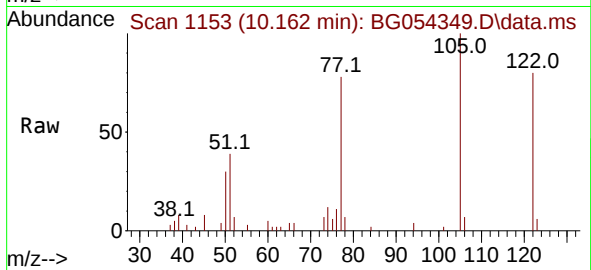
Tgt Ion:122 Resp: 32357

Ion Ratio Lower Upper

122 100

105 125.4 111.8 151.8

77 97.7 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BG054349.D

Acq: 21 Jul 2022 17:46

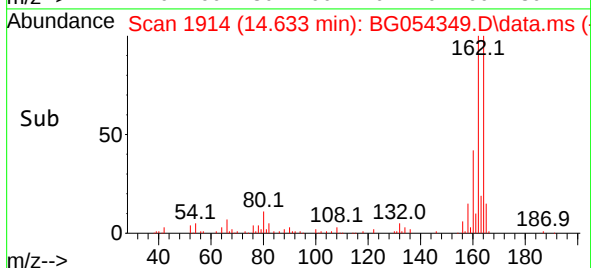
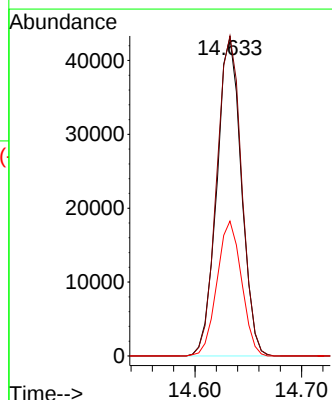
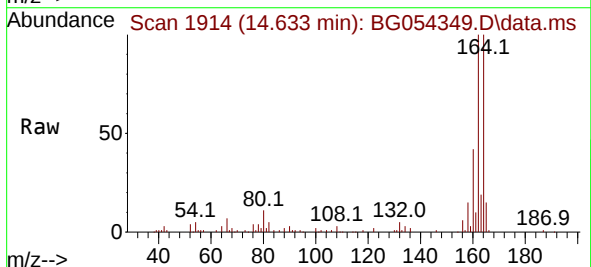
Tgt Ion:164 Resp: 68756

Ion Ratio Lower Upper

164 100

162 100.4 82.3 123.5

160 42.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 2.354 ng

RT: 16.119 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054349.D

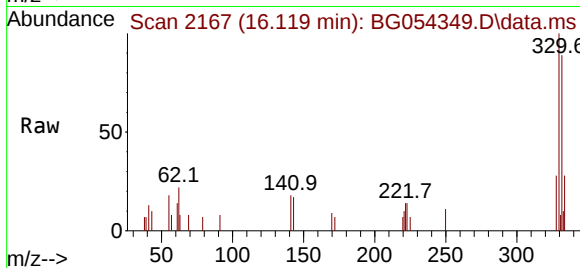
Acq: 21 Jul 2022 17:46

Instrument :

BNA_G

ClientSampleId :

TANK-NRE



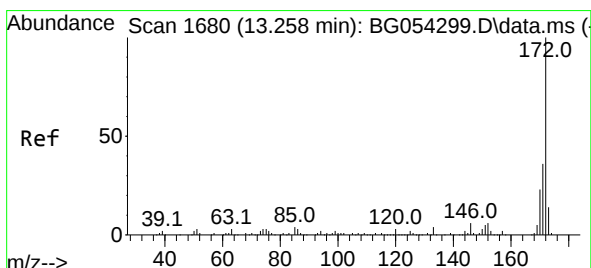
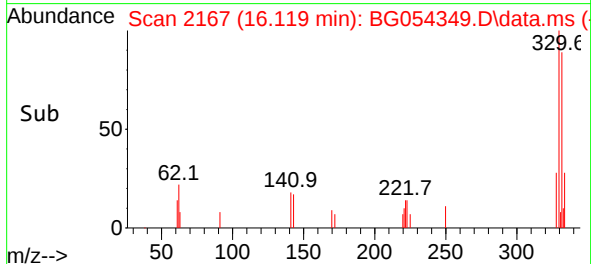
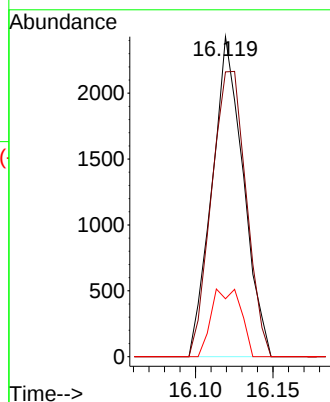
Tgt Ion:330 Resp: 3399

Ion Ratio Lower Upper

330 100

332 98.6 76.0 114.0

141 20.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 1.684 ng

RT: 13.252 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BG054349.D

Acq: 21 Jul 2022 17:46

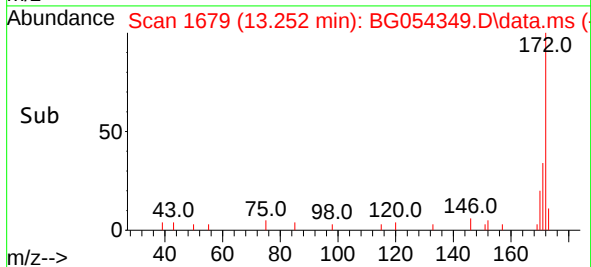
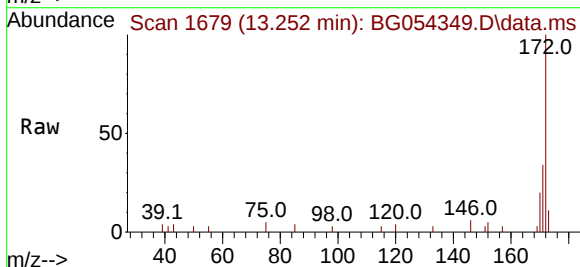
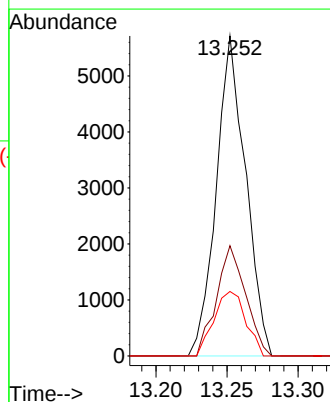
Tgt Ion:172 Resp: 8207

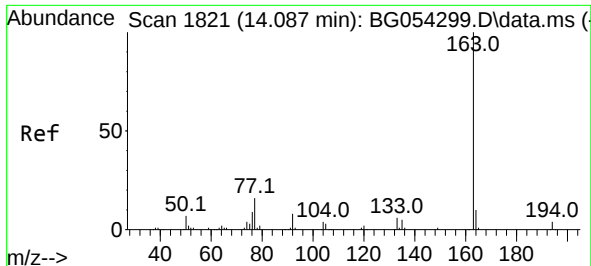
Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

170 20.2 18.9 28.3

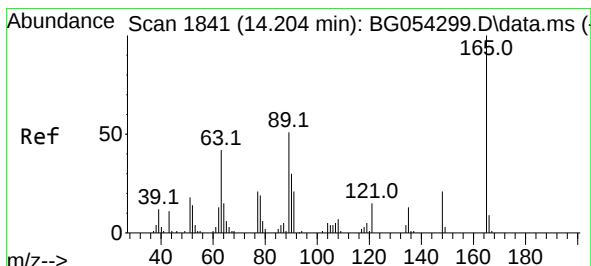
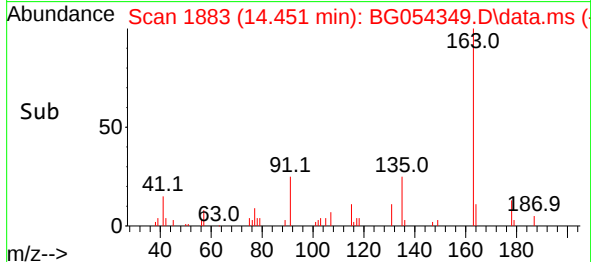
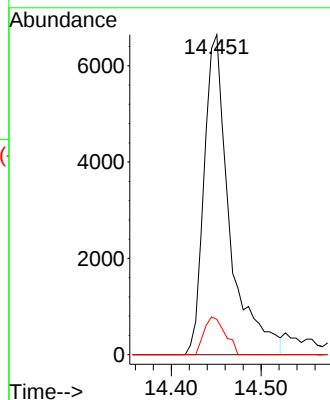
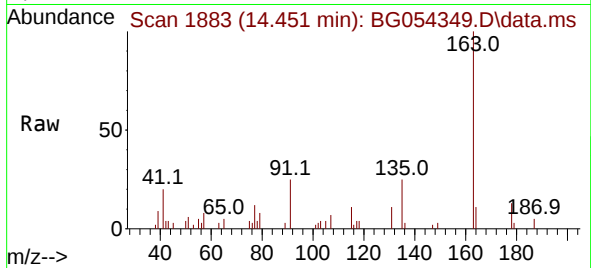




#50
Dimethylphthalate
Concen: 2.442 ng
RT: 14.451 min Scan# 11
Delta R.T. 0.364 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

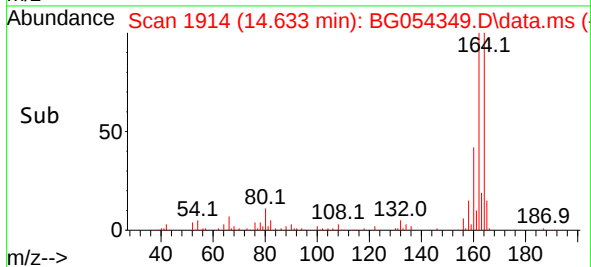
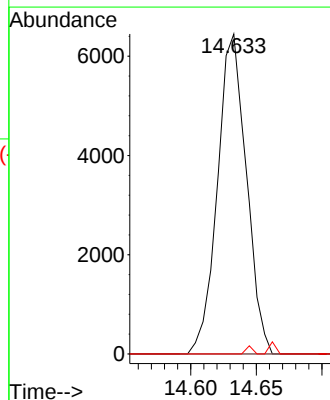
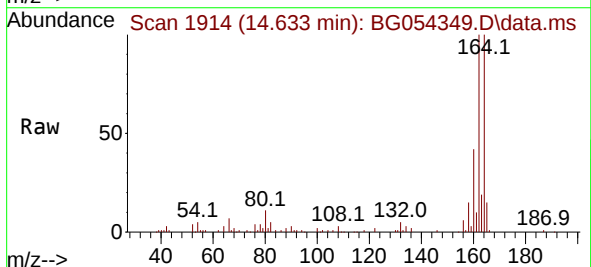
Instrument :
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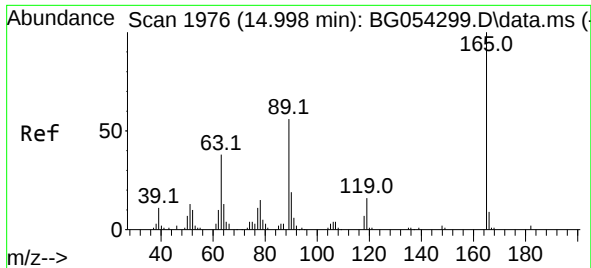
Tgt Ion:163 Resp: 13114
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 11.1 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:165 Resp: 9866
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

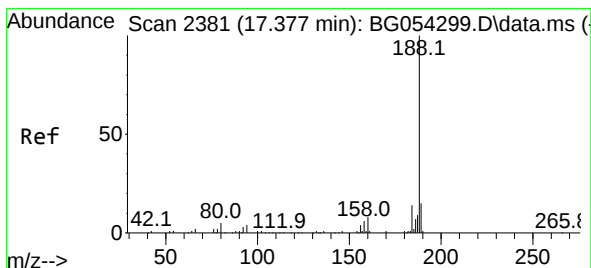
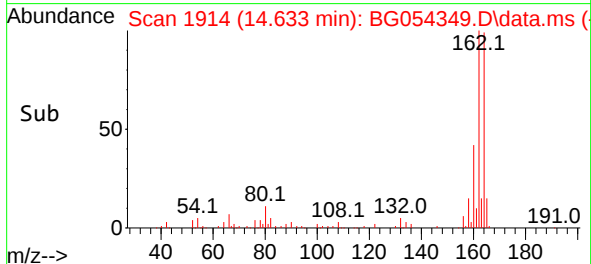
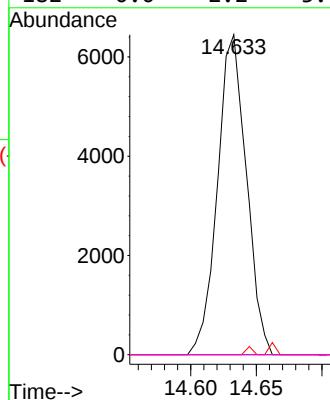
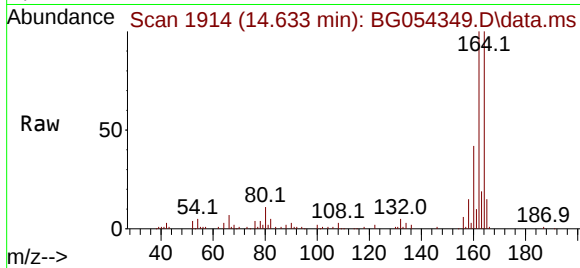




#57
2,4-Dinitrotoluene
Concen: 5.842 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.365 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

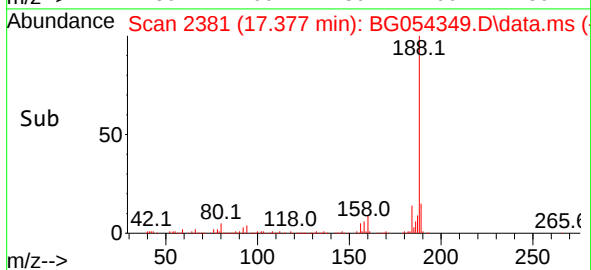
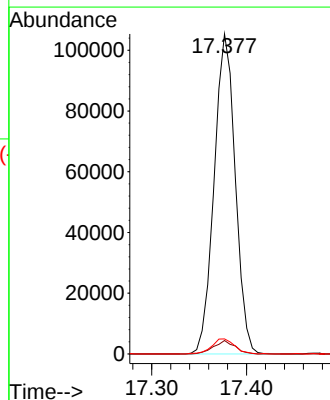
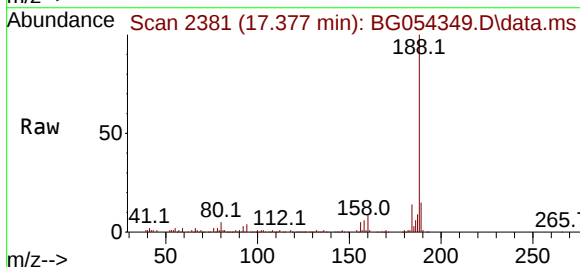
Instrument :
BNA_G
ClientSampleId :
TANK-NRE

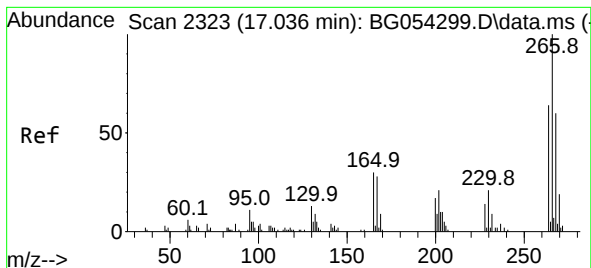
Tgt Ion:165 Resp: 9866
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054349.D
Acq: 21 Jul 2022 17:46

Tgt Ion:188 Resp: 163071
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#





#70

Pentachlorophenol

Concen: 4.000 ng

RT: 17.394 min Scan# 21

Delta R.T. 0.358 min

Lab File: BG054349.D

Acq: 21 Jul 2022 17:46

Instrument :

BNA_G

ClientSampleId :

TANK-NRE

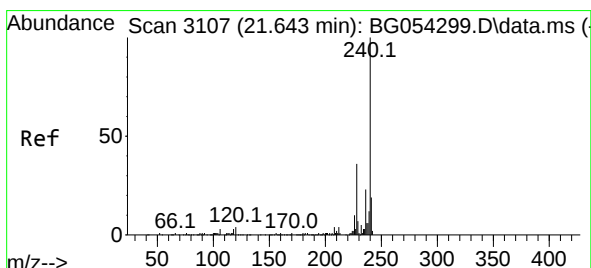
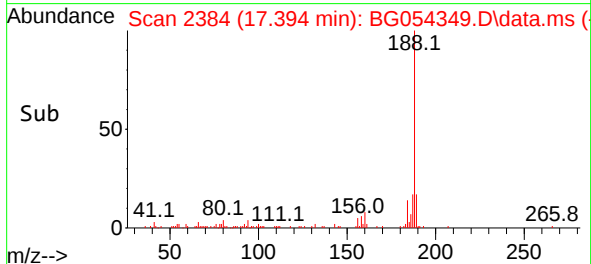
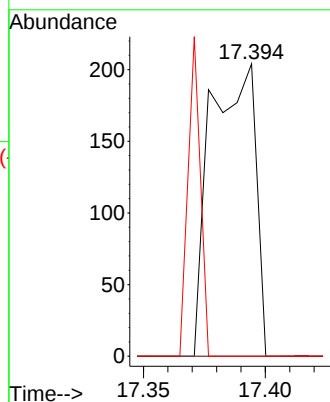
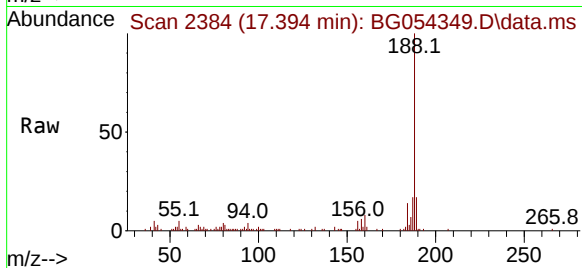
Tgt Ion:266 Resp: 260

Ion Ratio Lower Upper

266 100

268 0.0 56.2 84.2#

264 0.0 53.0 79.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3108

Delta R.T. 0.005 min

Lab File: BG054349.D

Acq: 21 Jul 2022 17:46

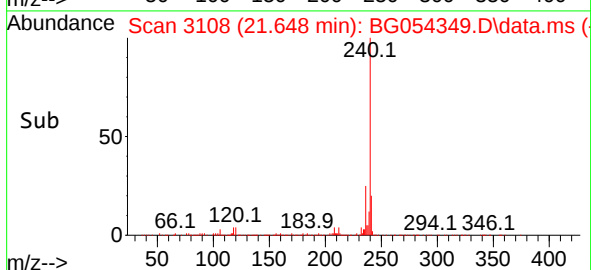
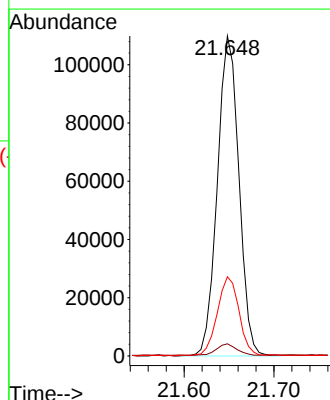
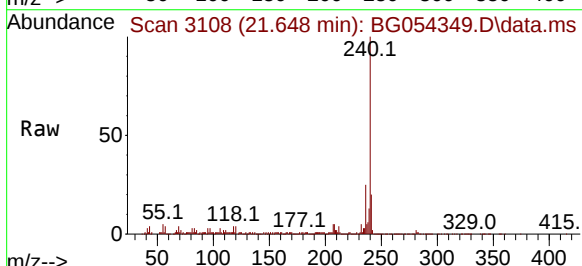
Tgt Ion:240 Resp: 183356

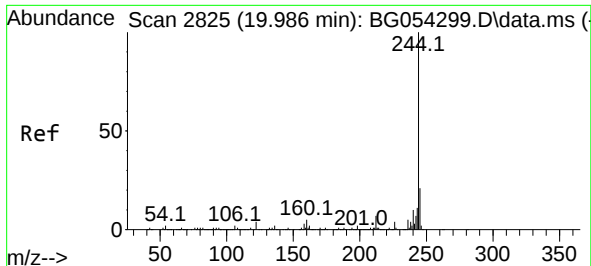
Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 24.7 20.2 30.4

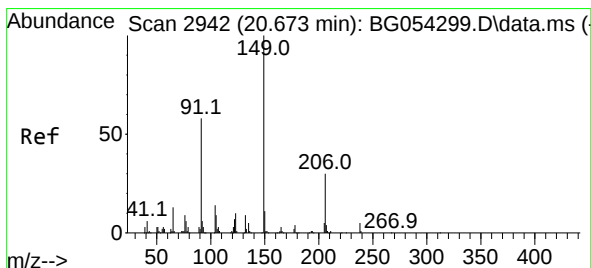
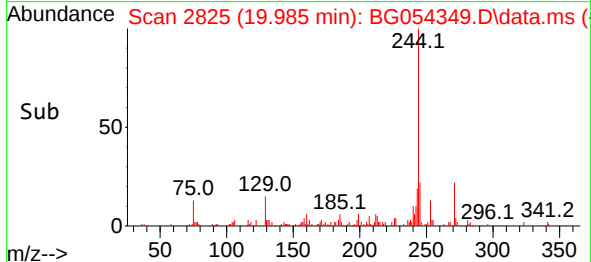
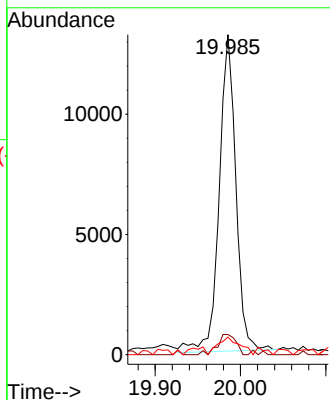
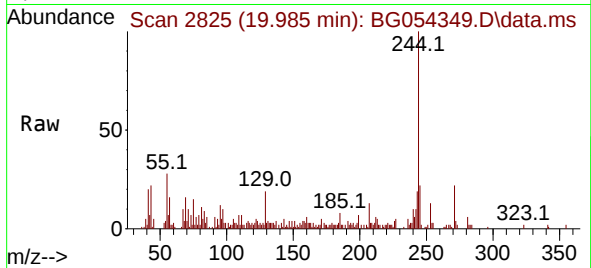




#79
 Terphenyl-d14
 Concen: 1.943 ng
 RT: 19.985 min Scan# 2825
 Delta R.T. -0.000 min
 Lab File: BG054349.D
 Acq: 21 Jul 2022 17:46

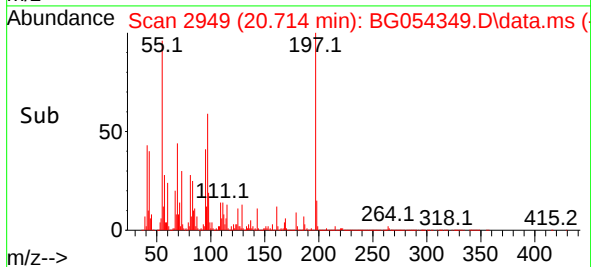
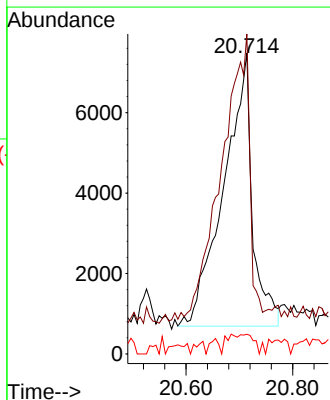
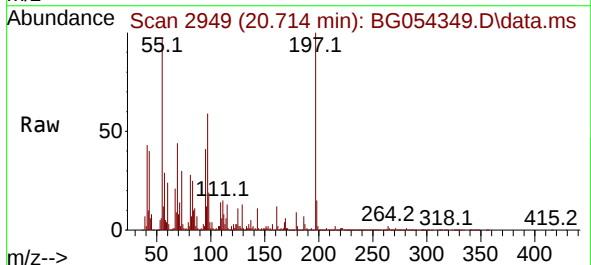
Instrument :
 BNA_G
 ClientSampleId :
 TANK-NRE

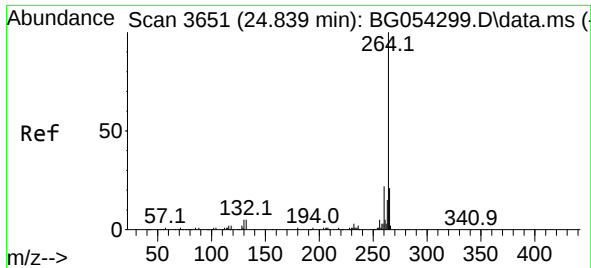
Tgt Ion:244 Resp: 17961
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.5 9.7#
 122 5.5 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 7.706 ng
 RT: 20.714 min Scan# 2949
 Delta R.T. 0.041 min
 Lab File: BG054349.D
 Acq: 21 Jul 2022 17:46

Tgt Ion:149 Resp: 25266
 Ion Ratio Lower Upper
 149 100
 91 106.3 59.6 89.4#
 206 6.5 18.6 28.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 30
 Delta R.T. 0.017 min
 Lab File: BG054349.D
 Acq: 21 Jul 2022 17:46

Instrument :
 BNA_G
 ClientSampleId :
 TANK-NRE

Tgt Ion:264 Resp: 193493
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.8 17.4 26.2

