

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051105.D
 Acq On : 18 Nov 2021 14:41
 Operator : CG/JU
 Sample : M4693-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UT-COMP-01

Quant Time: Nov 18 15:49:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

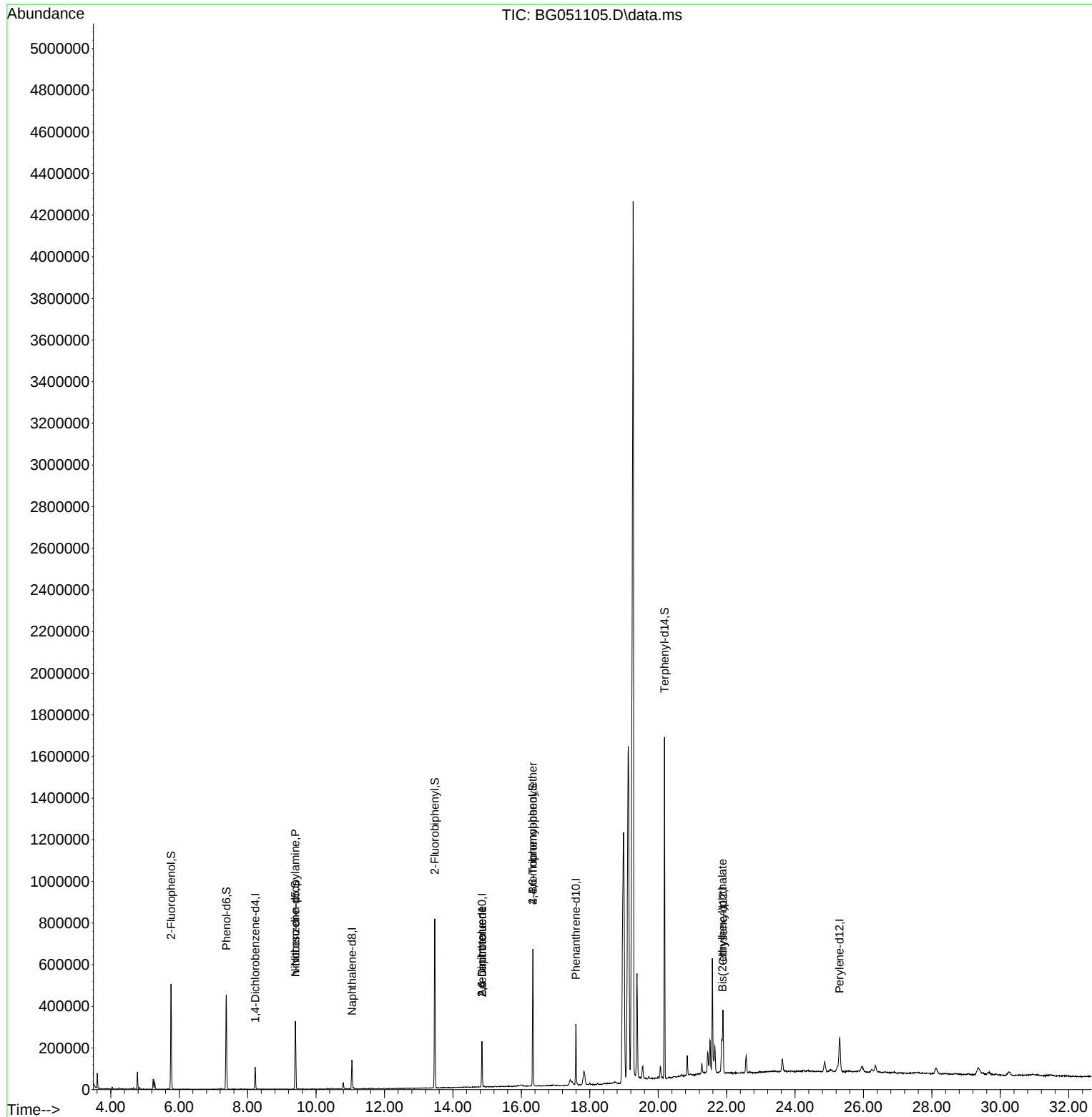
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	29012	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	119484	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	76392	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	178592	20.000	ng	# 0.00
76) Chrysene-d12	21.895	240	166989	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	168950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	218501	112.663	ng	0.00
7) Phenol-d6	7.377	99	261959	95.696	ng	0.00
23) Nitrobenzene-d5	9.398	82	215113	79.695	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	108572	142.021	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	407062	84.194	ng	0.00
79) Terphenyl-d14	20.186	244	740404	81.130	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.398	70	29509	14.587	ng	# 70
51) 2,6-Dinitrotoluene	14.851	165	9888	7.993	ng	# 10
57) 2,4-Dinitrotoluene	14.851	165	9888	5.634	ng	# 15
67) 4-Bromophenyl-phenylether	16.337	248	8615	4.605	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.878	149	27286	3.599	ng	# 87

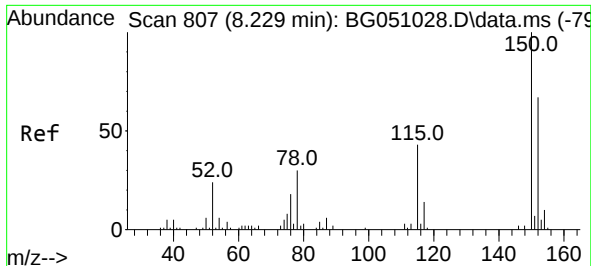
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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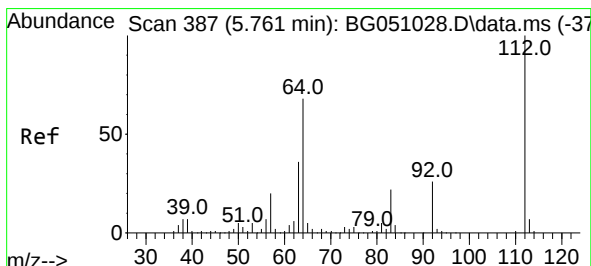
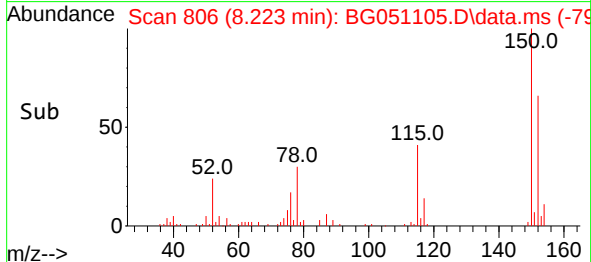
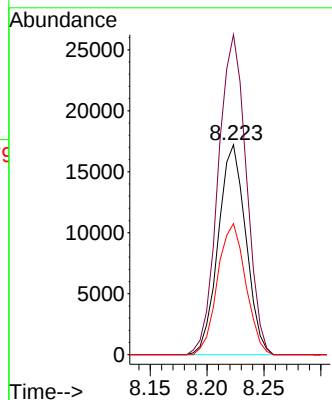
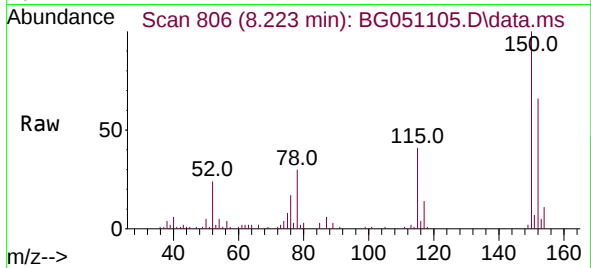




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

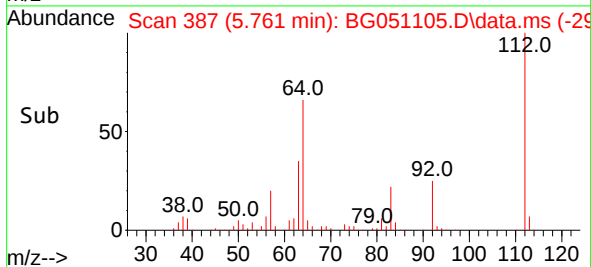
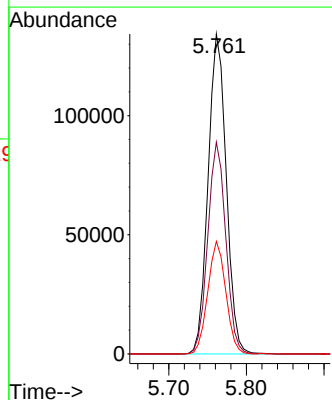
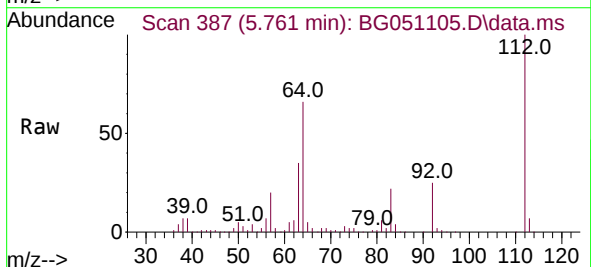
Instrument :
BNA_G
ClientSampleId :
UT-COMP-01

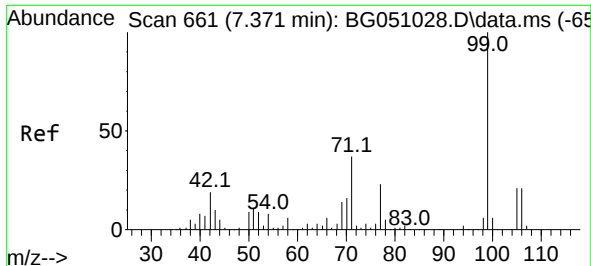
Tgt Ion:152 Resp: 29012
Ion Ratio Lower Upper
152 100
150 152.5 119.4 179.0
115 62.5 60.2 90.4



#5
2-Fluorophenol
Concen: 112.663 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Tgt Ion:112 Resp: 218501
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 35.2 35.3 52.9#

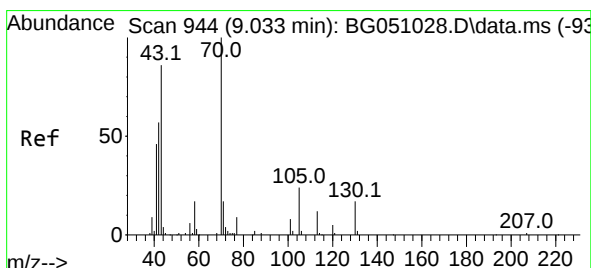
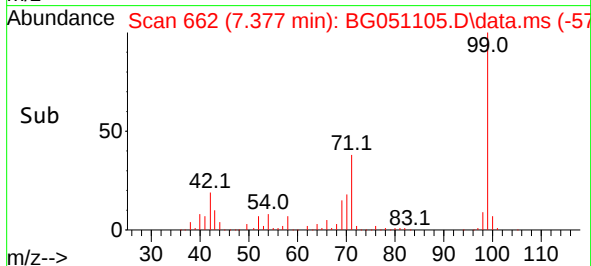
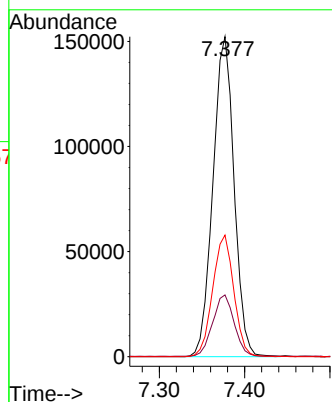
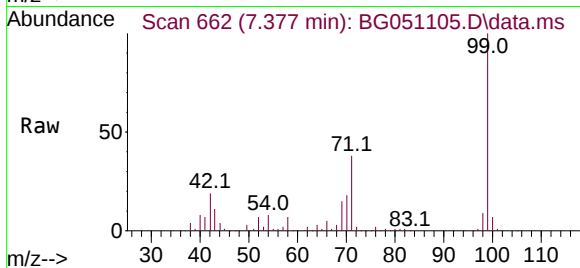




#7
Phenol-d6
Concen: 95.696 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

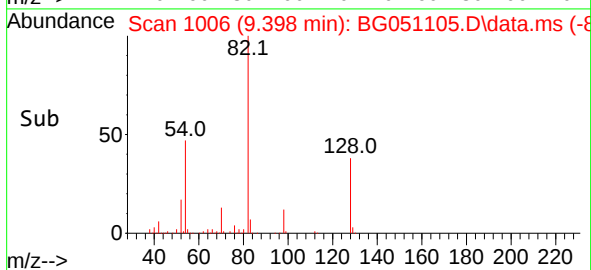
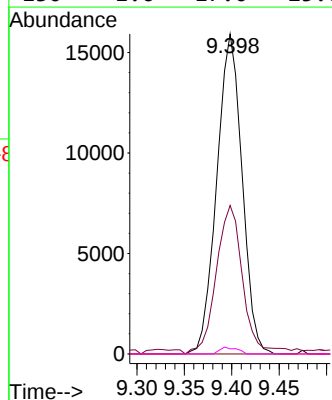
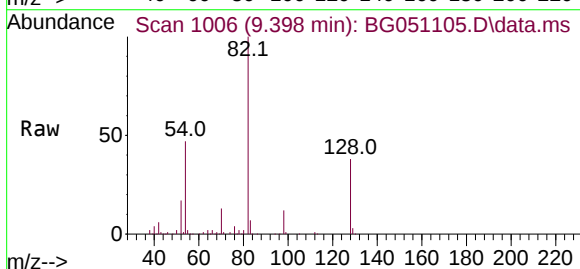
Instrument :
BNA_G
ClientSampleId :
UT-COMP-01

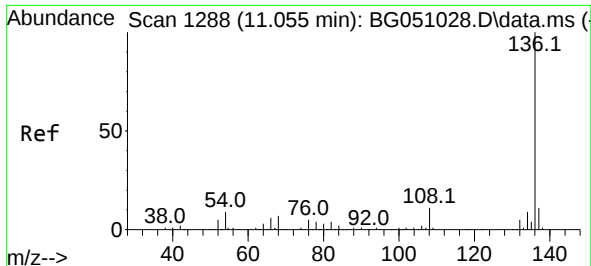
Tgt Ion: 99 Resp: 261959
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.0 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.587 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Tgt Ion: 70 Resp: 29509
Ion Ratio Lower Upper
70 100
42 46.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

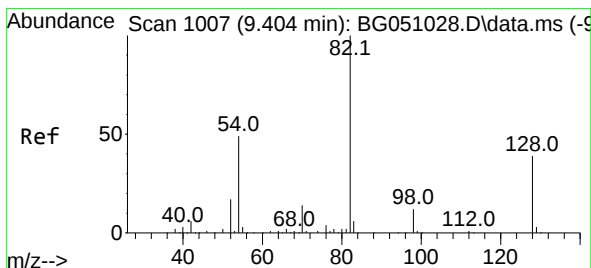
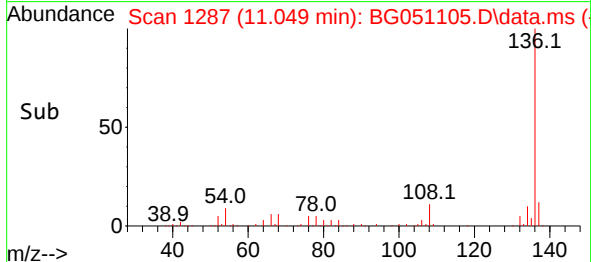
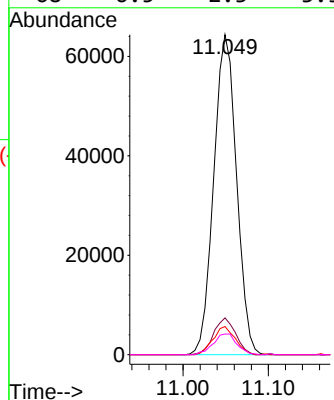
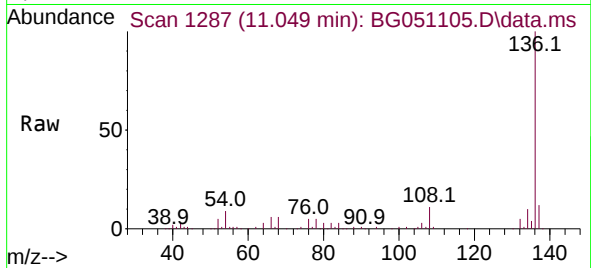




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

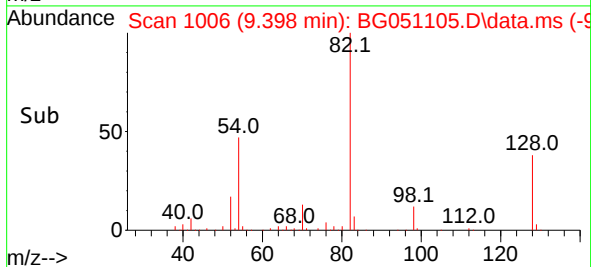
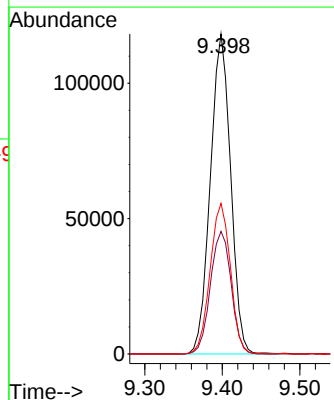
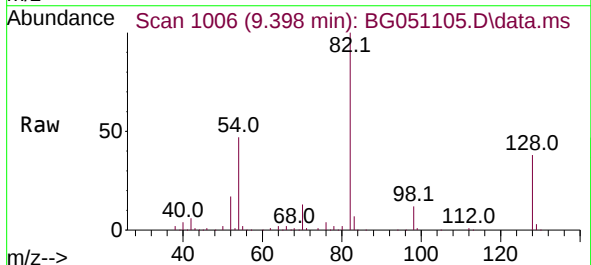
Instrument :
BNA_G
ClientSampleId :
UT-COMP-01

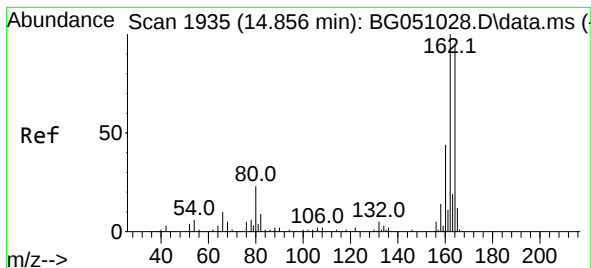
Tgt Ion:136 Resp: 119484
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 8.8 5.5 8.3#
68 6.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 79.695 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Tgt Ion: 82 Resp: 215113
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 47.0 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG051105.D

Acq: 18 Nov 2021 14:41

Instrument :

BNA_G

ClientSampleId :

UT-COMP-01

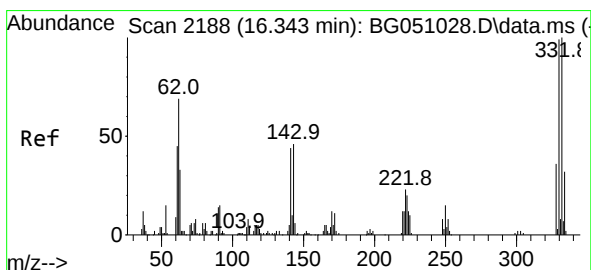
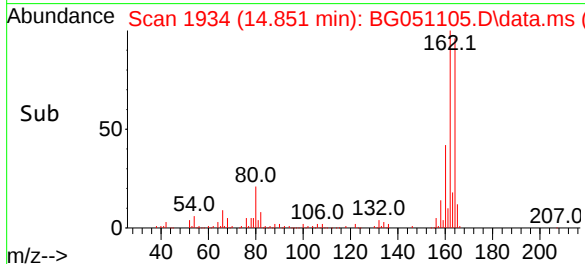
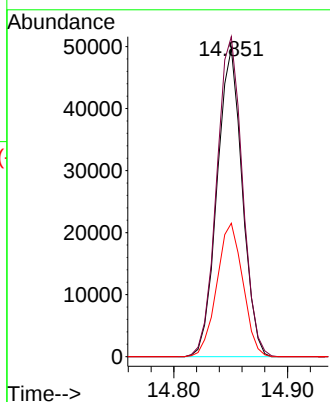
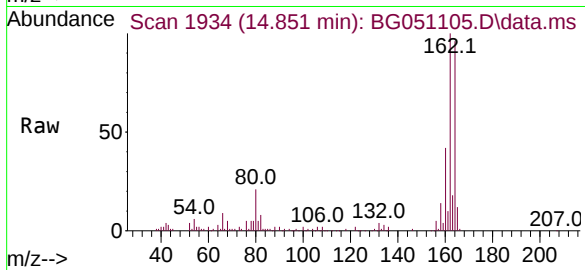
Tgt Ion:164 Resp: 76392

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

160 43.3 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 142.021 ng

RT: 16.337 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BG051105.D

Acq: 18 Nov 2021 14:41

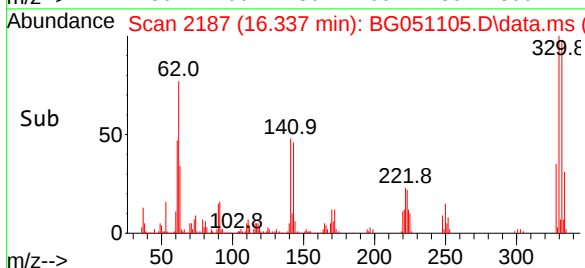
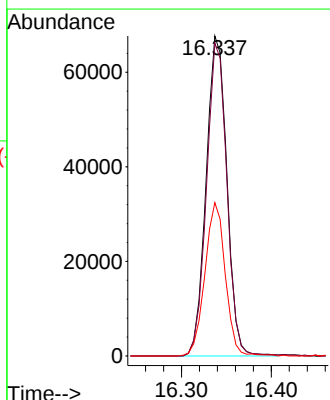
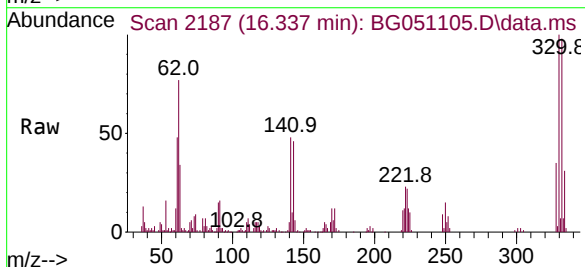
Tgt Ion:330 Resp: 108572

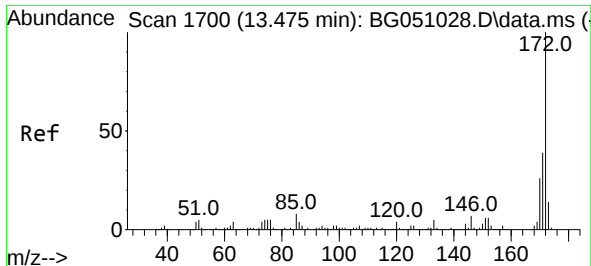
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 47.1 35.6 53.4

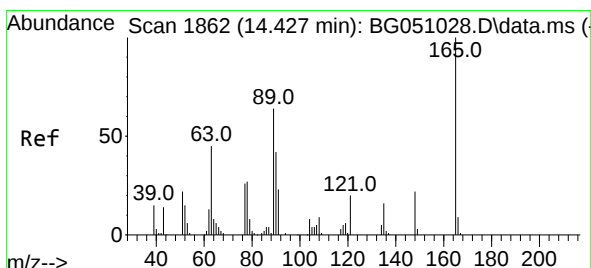
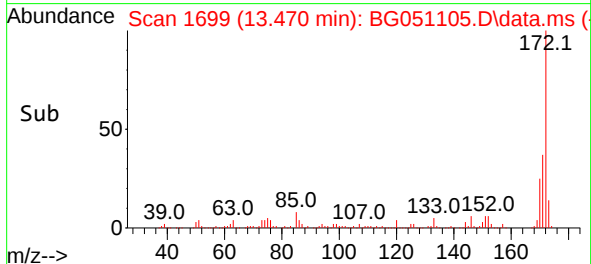
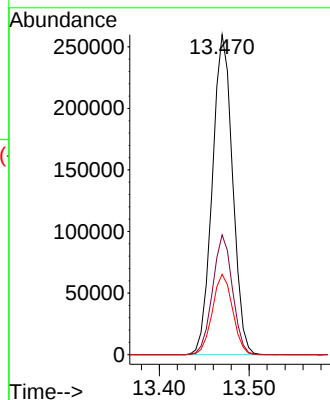
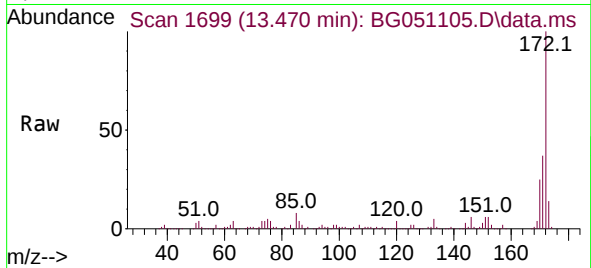




#45
2-Fluorobiphenyl
Concen: 84.194 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

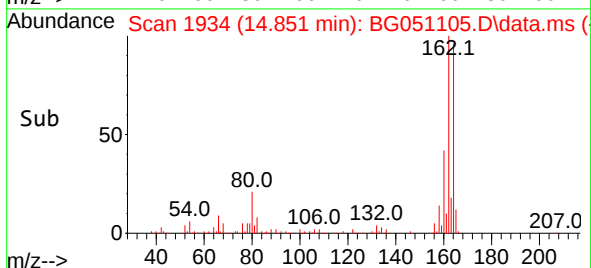
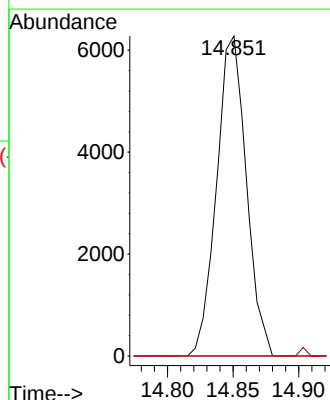
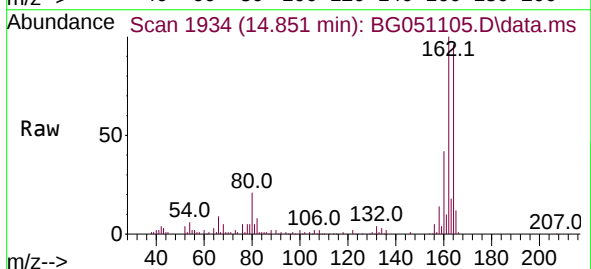
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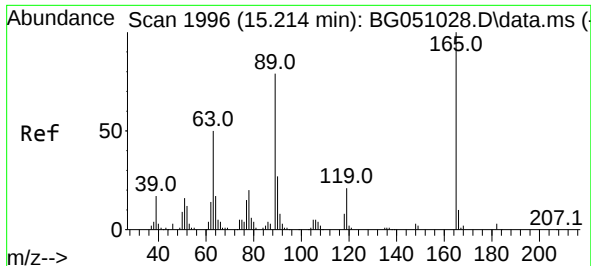
Tgt Ion:172 Resp: 407062
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Tgt Ion:165 Resp: 9888
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.634 ng

RT: 14.851 min Scan# 1996

Delta R.T. -0.364 min

Lab File: BG051105.D

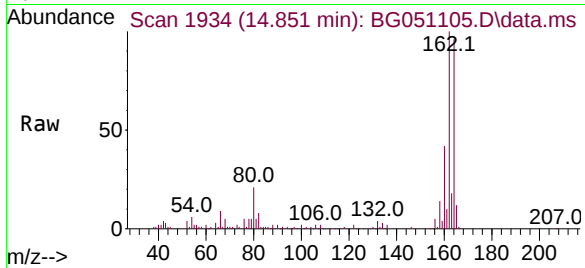
Acq: 18 Nov 2021 14:41

Instrument :

BNA_G

ClientSampleId :

UT-COMP-01



Tgt Ion:165 Resp: 9888

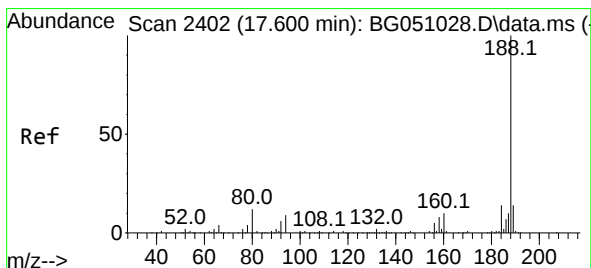
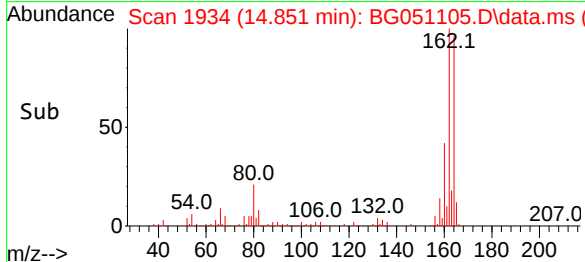
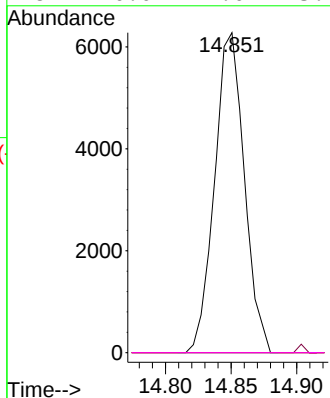
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.594 min Scan# 2401

Delta R.T. -0.005 min

Lab File: BG051105.D

Acq: 18 Nov 2021 14:41

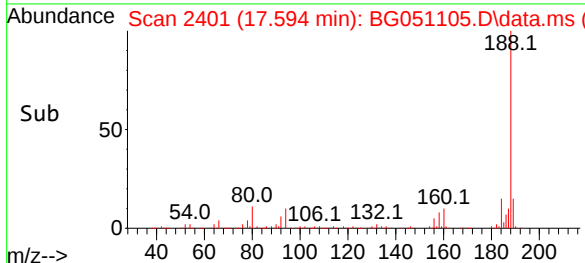
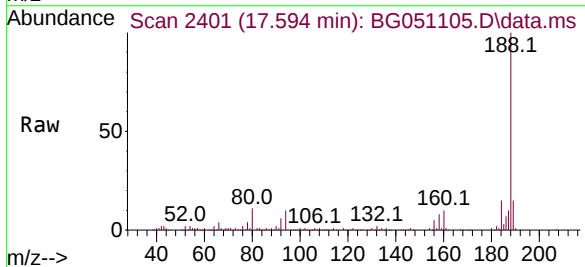
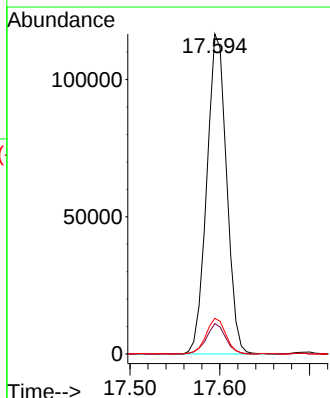
Tgt Ion:188 Resp: 178592

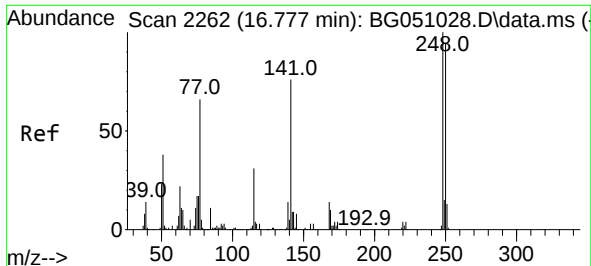
Ion Ratio Lower Upper

188 100

94 9.5 5.4 8.0#

80 11.2 3.7 5.5#

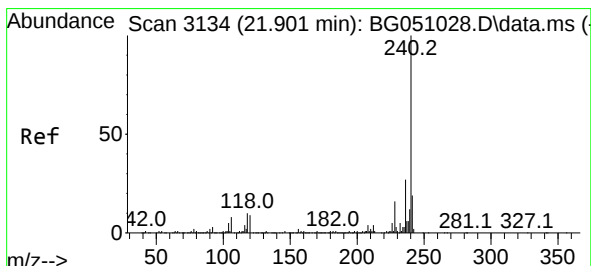
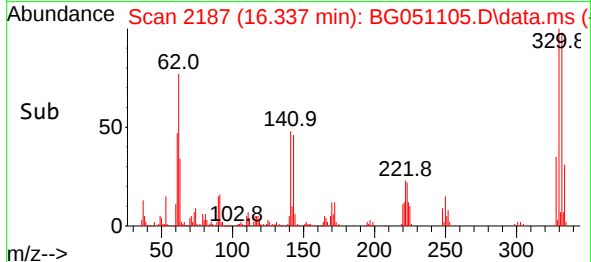
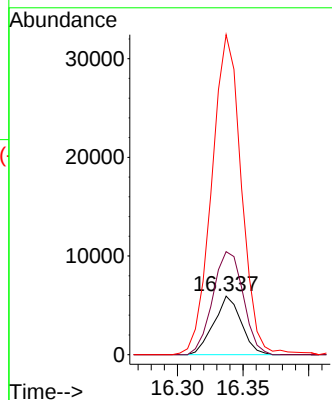
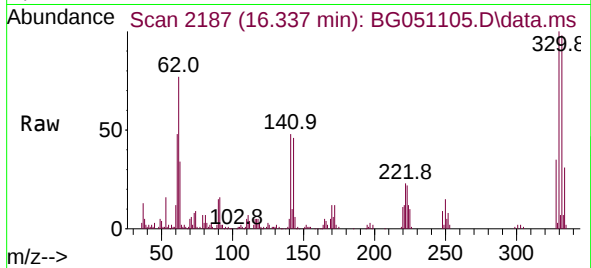




#67
4-Bromophenyl-phenylether
Concen: 4.605 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.440 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

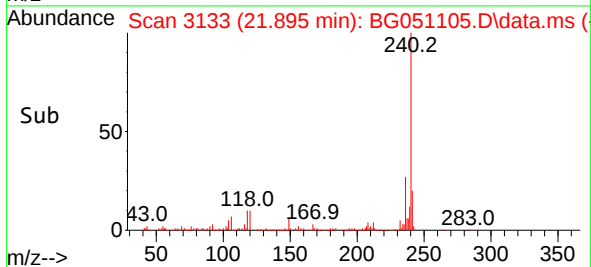
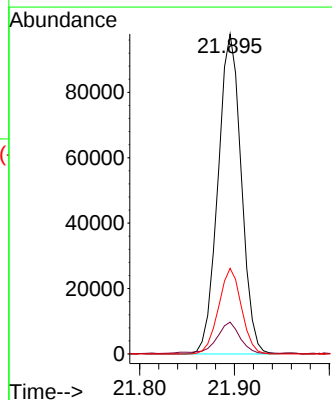
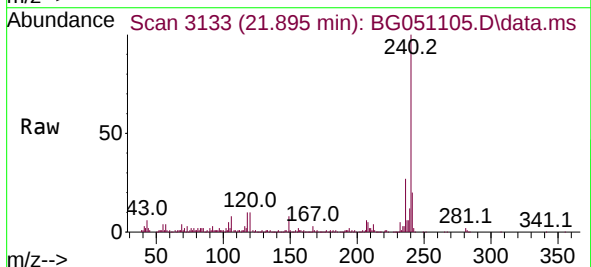
Instrument :
BNA_G
ClientSampleId :
UT-COMP-01

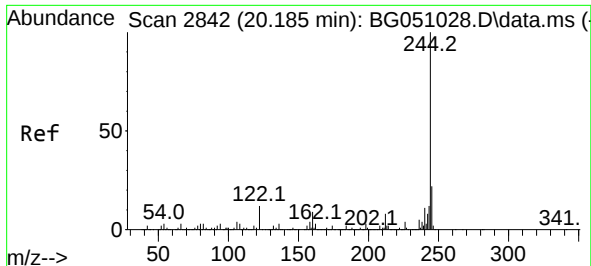
Tgt Ion:248 Resp: 8615
Ion Ratio Lower Upper
248 100
250 175.9 76.1 114.1#
141 546.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Tgt Ion:240 Resp: 166989
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 26.7 21.8 32.6

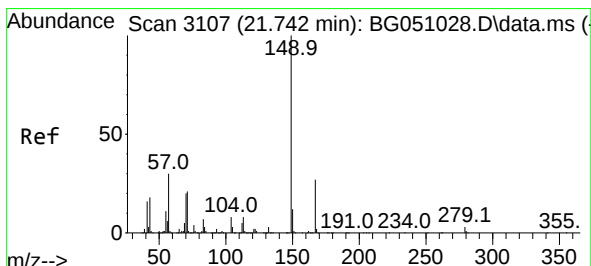
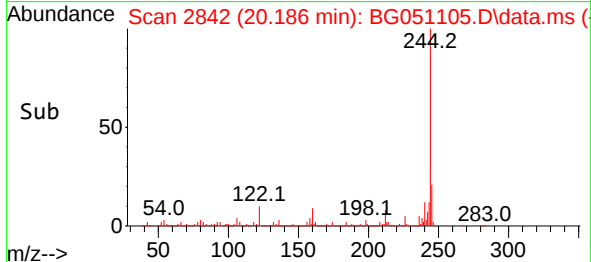
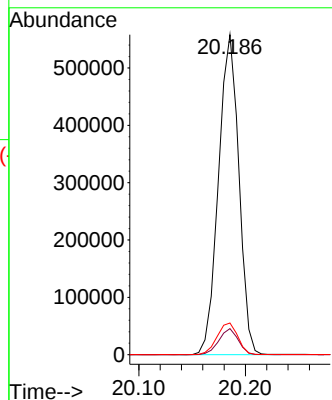
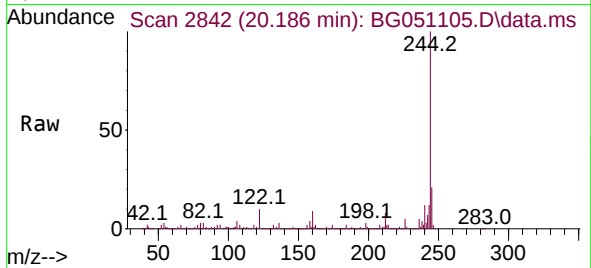




#79
 Terphenyl-d14
 Concen: 81.130 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051105.D
 Acq: 18 Nov 2021 14:41

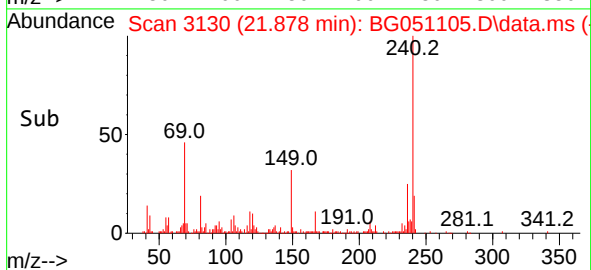
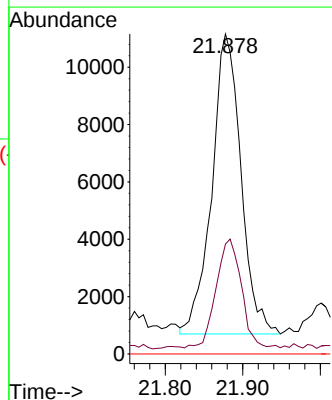
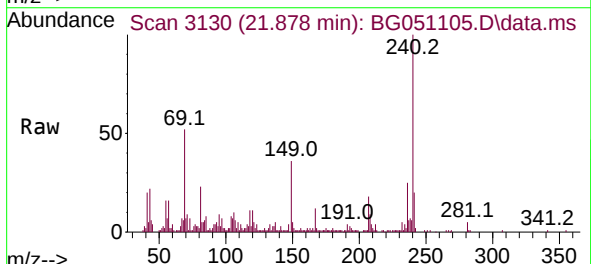
Instrument :
 BNA_G
 ClientSampleId :
 UT-COMP-01

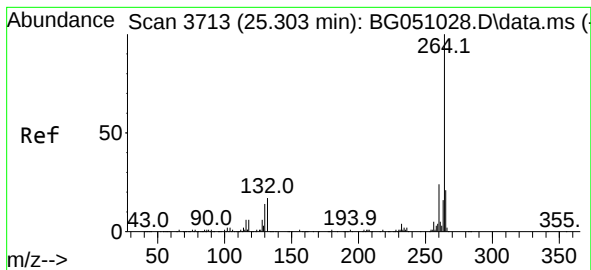
Tgt Ion:244 Resp: 740404
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 9.9 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.599 ng
 RT: 21.878 min Scan# 3130
 Delta R.T. 0.136 min
 Lab File: BG051105.D
 Acq: 18 Nov 2021 14:41

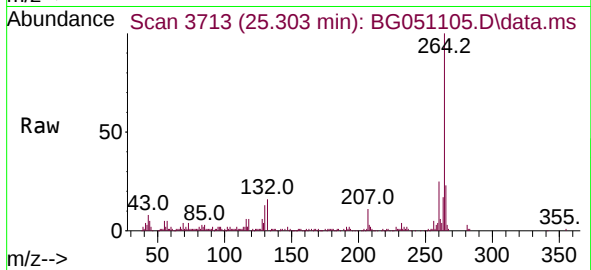
Tgt Ion:149 Resp: 27286
 Ion Ratio Lower Upper
 149 100
 167 34.3 22.3 33.5#
 279 0.0 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG051105.D
Acq: 18 Nov 2021 14:41

Instrument :
BNA_G
ClientSampleId :
UT-COMP-01



Tgt Ion:264 Resp: 168950

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.5	16.9	25.3

