

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048469.D
 Acq On : 23 Mar 2021 14:22
 Operator : CG/JU
 Sample : PB135294BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135294BL

Quant Time: Mar 23 15:04:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

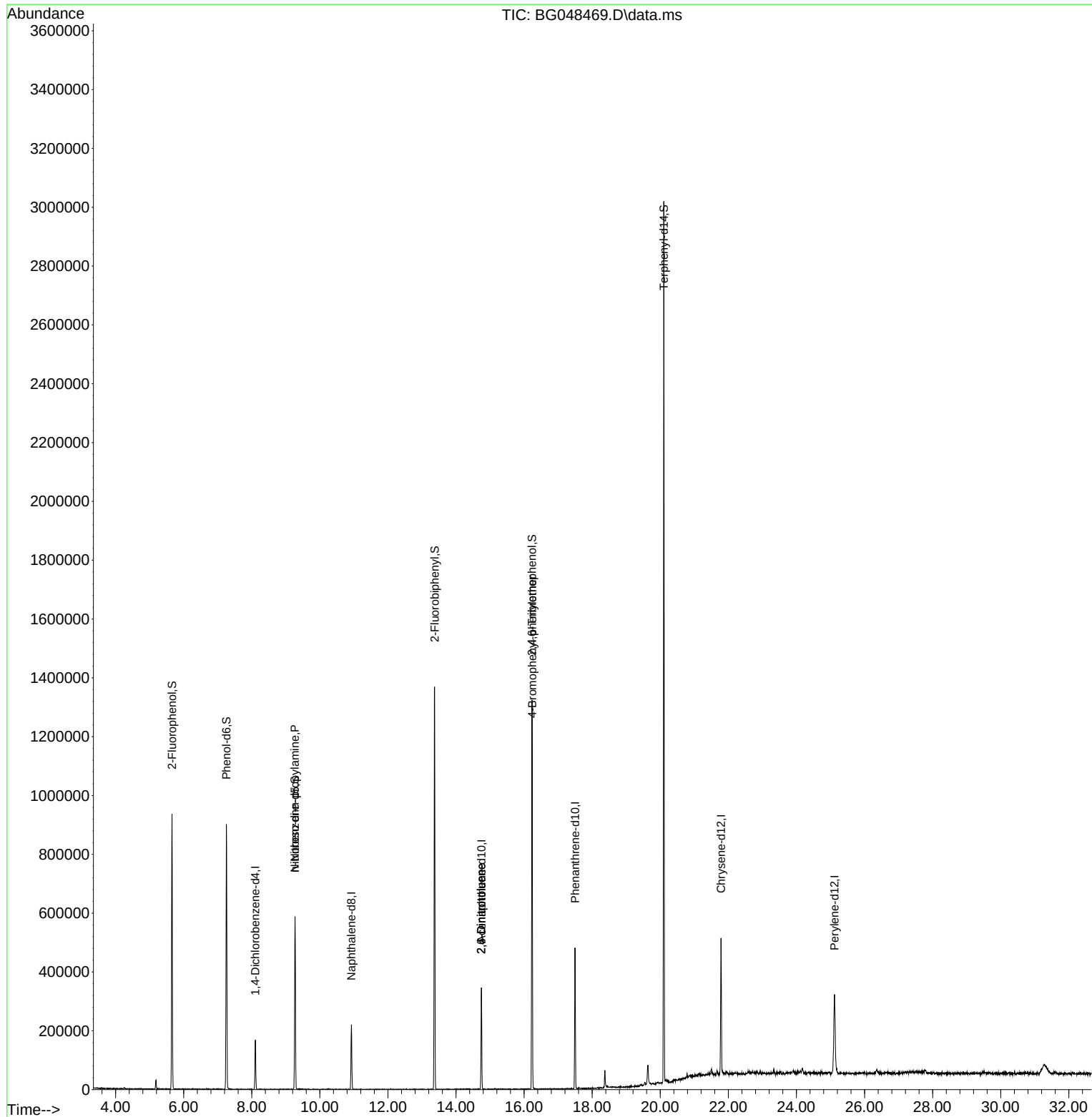
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	42852	20.00	ng	0.00
21) Naphthalene-d8	10.927	136	168336	20.00	ng	# 0.00
39) Acenaphthene-d10	14.746	164	117044	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	287598	20.00	ng	# 0.00
76) Chrysene-d12	21.784	240	279486	20.00	ng	# 0.00
86) Perylene-d12	25.116	264	288488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	348478	134.48	ng	0.00
7) Phenol-d6	7.254	99	447391	118.65	ng	0.00
23) Nitrobenzene-d5	9.270	82	344623	81.86	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	241518	126.88	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	681354	83.74	ng	0.00
79) Terphenyl-d14	20.104	244	1273182	82.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.260	77	1287	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.270	70	50851	18.17	ng	# 78
51) 2,6-Dinitrotoluene	14.740	165	15998	7.80	ng	# 38
57) 2,4-Dinitrotoluene	14.740	165	15998	5.50	ng	# 35
67) 4-Bromophenyl-phenylether	16.238	248	15601	4.31	ng	# 1

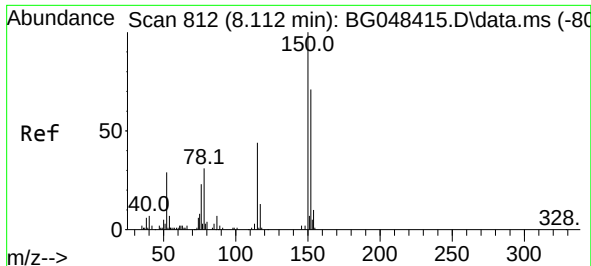
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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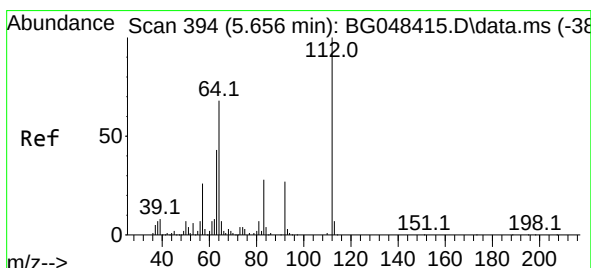
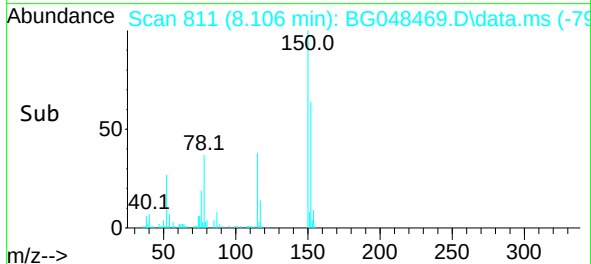
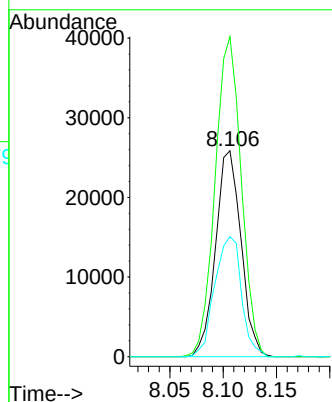
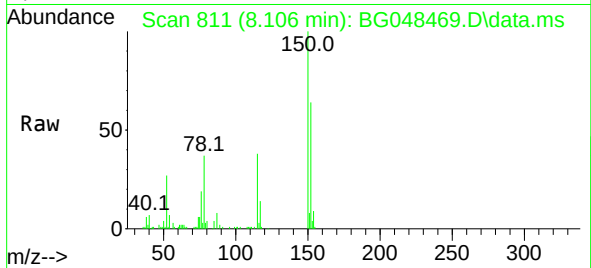




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

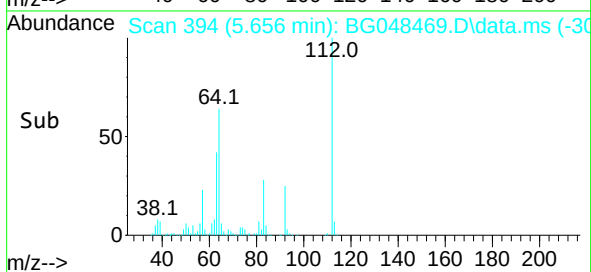
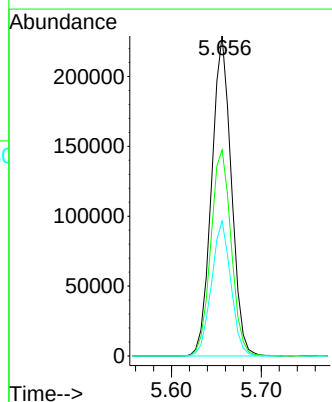
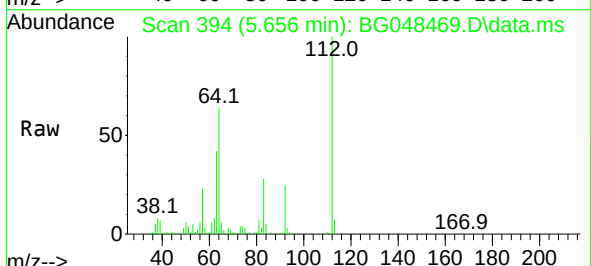
Instrument :
BNA_G
ClientSampleId :
PB135294BL

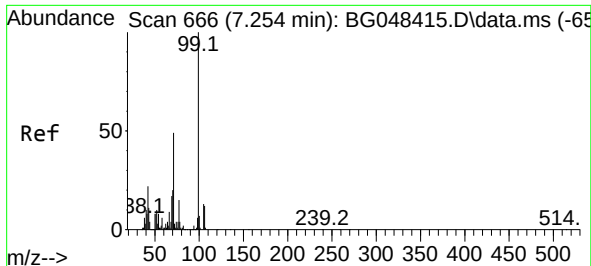
Tgt Ion:152 Resp: 42852
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.6
115 58.3 41.8 62.6



#5
2-Fluorophenol
Concen: 134.48 ng
RT: 5.656 min Scan# 394
Delta R.T. 0.010 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

Tgt Ion:112 Resp: 348478
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 42.2 22.8 34.2#

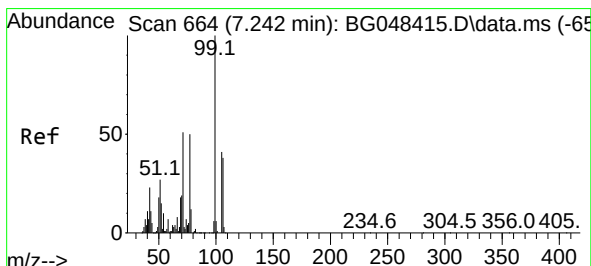
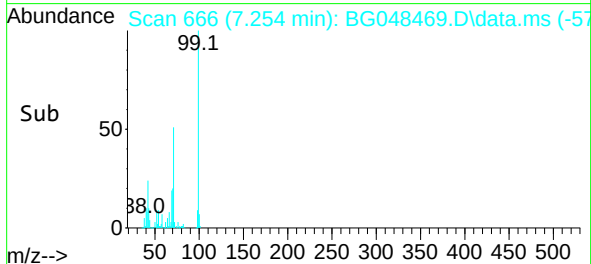
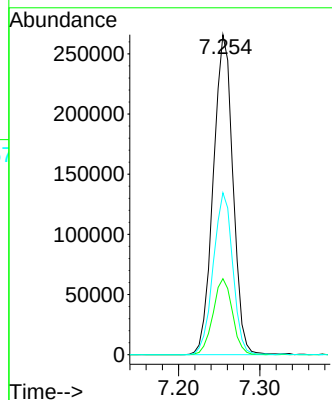
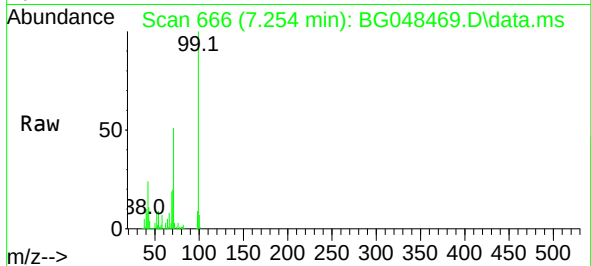




#7
Phenol-d6
Concen: 118.65 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

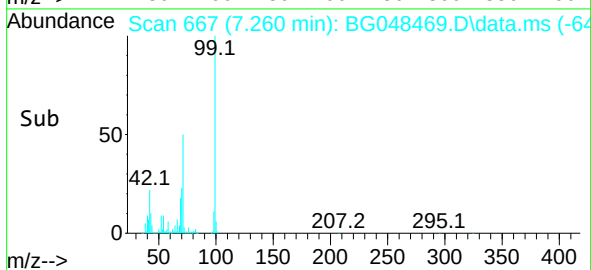
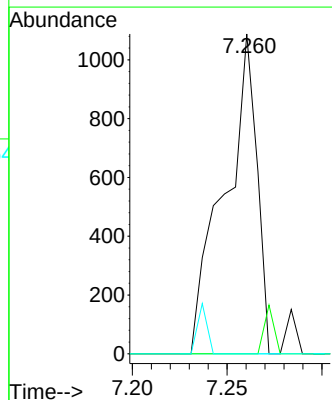
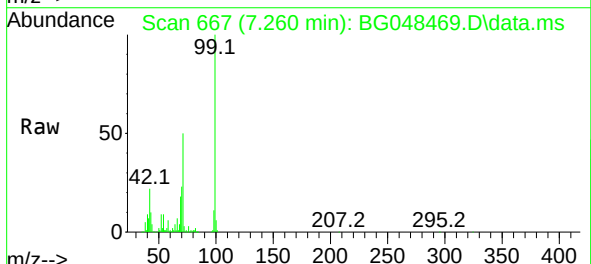
Instrument :
BNA_G
ClientSampleId :
PB135294BL

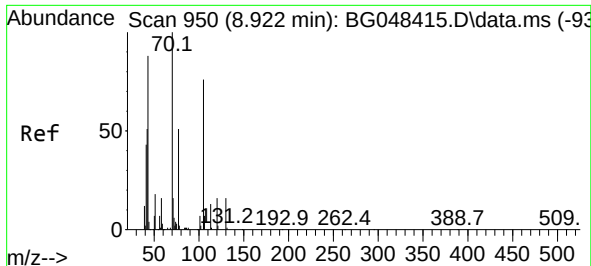
Tgt Ion: 99 Resp: 447391
Ion Ratio Lower Upper
99 100
42 23.7 12.8 19.2#
71 50.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.260 min Scan# 667
Delta R.T. 0.021 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

Tgt Ion: 77 Resp: 1287
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

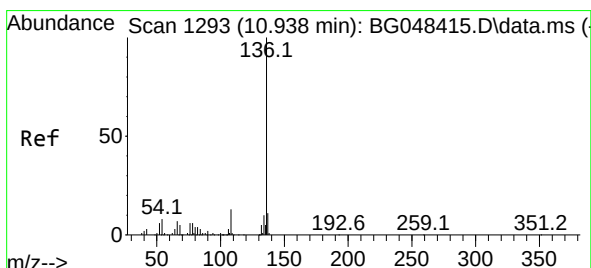
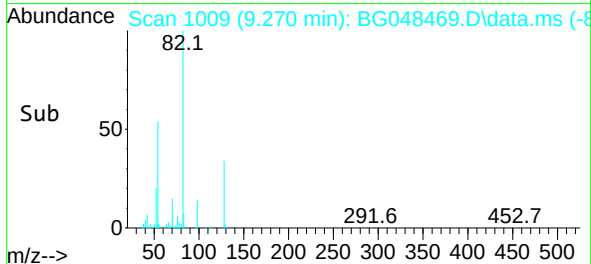
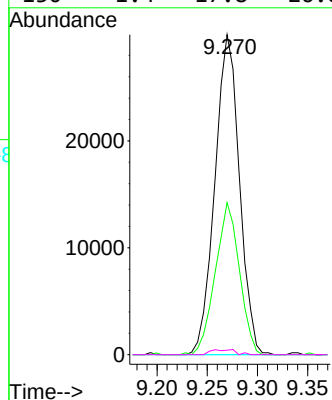
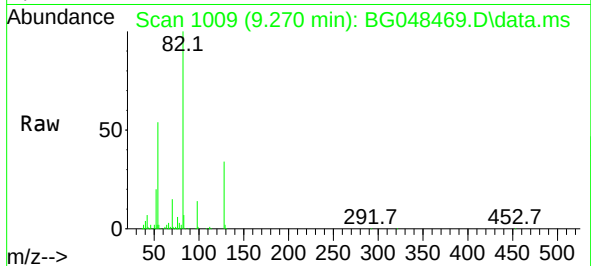




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 9.270 min Scan# 1009
Delta R.T. 0.356 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

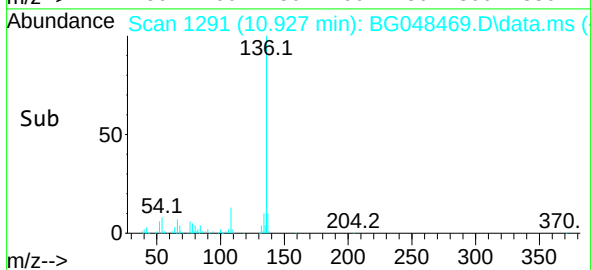
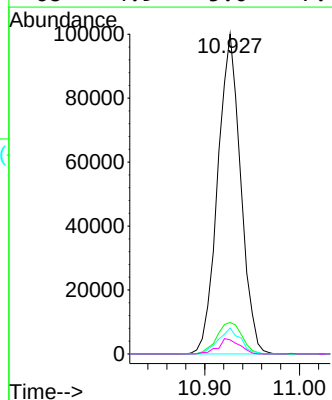
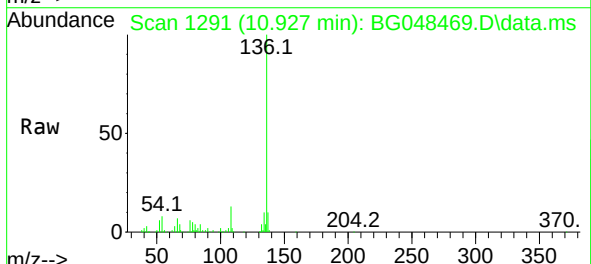
Instrument :
BNA_G
ClientSampleId :
PB135294BL

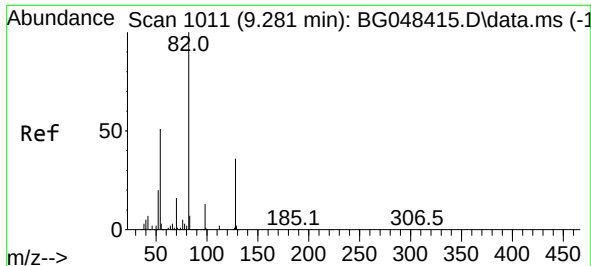
Tgt Ion: 70	Resp: 50851
Ion Ratio	Lower Upper
70 100	
42 47.5	45.6 68.4
101 0.0	8.4 12.6#
130 1.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.927 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

Tgt Ion: 136	Resp: 168336
Ion Ratio	Lower Upper
136 100	
137 9.9	9.1 13.7
54 8.1	6.2 9.4
68 4.9	5.0 7.4#

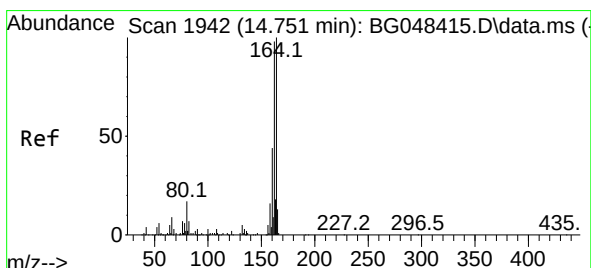
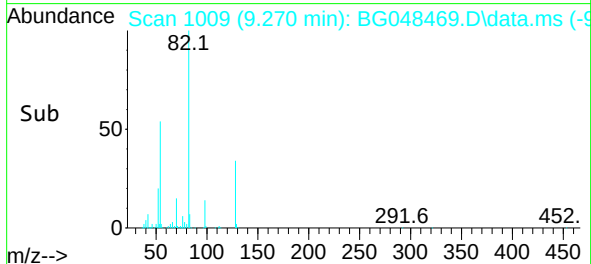
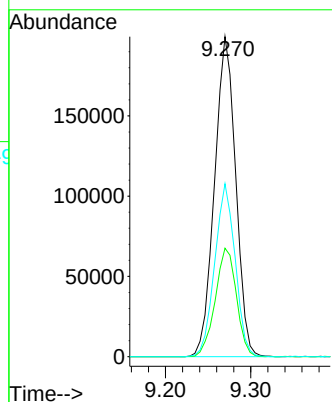
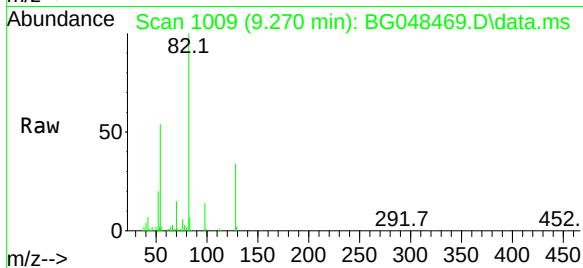




#23
Nitrobenzene-d5
Concen: 81.86 ng
RT: 9.270 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

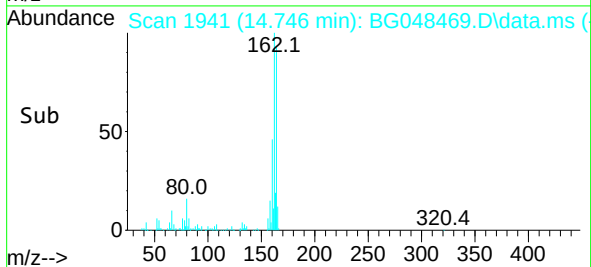
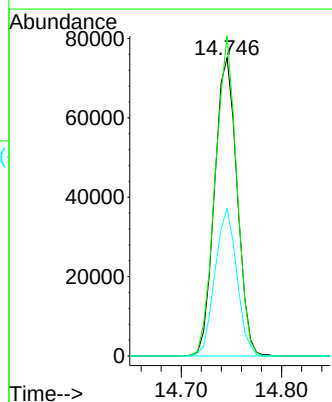
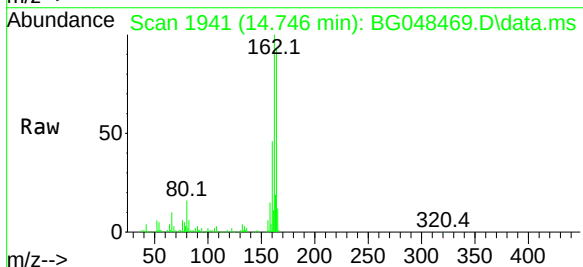
Instrument :
BNA_G
ClientSampleId :
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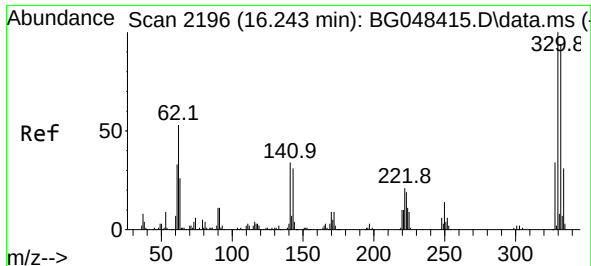
Tgt Ion: 82 Resp: 344623
Ion Ratio Lower Upper
82 100
128 33.9 37.0 55.6#
54 54.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

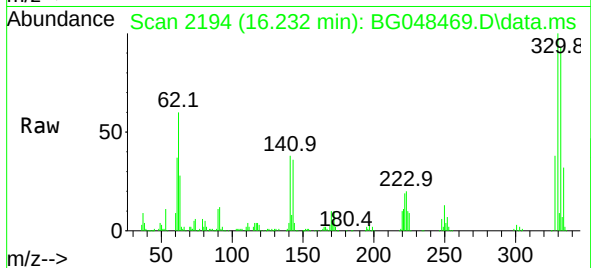
Tgt Ion: 164 Resp: 117044
Ion Ratio Lower Upper
164 100
162 107.3 82.3 123.5
160 49.4 35.3 52.9



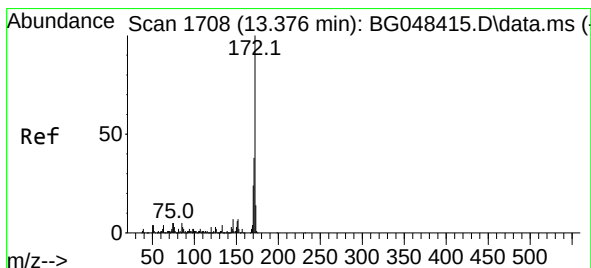
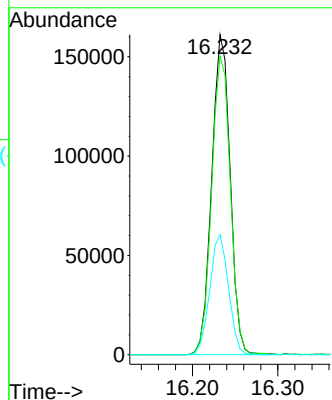
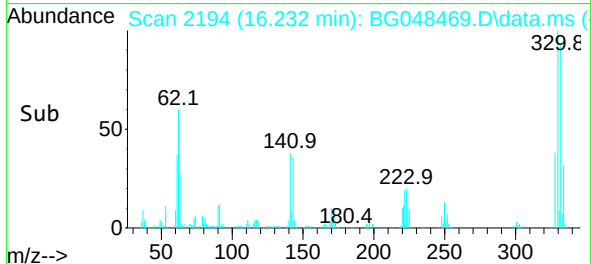


#42
2,4,6-Tribromophenol
Concen: 126.88 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.002 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

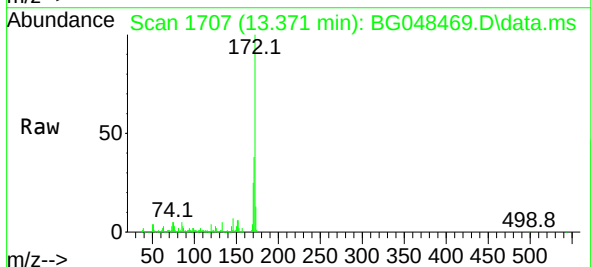
Instrument :
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ClientSampleId :
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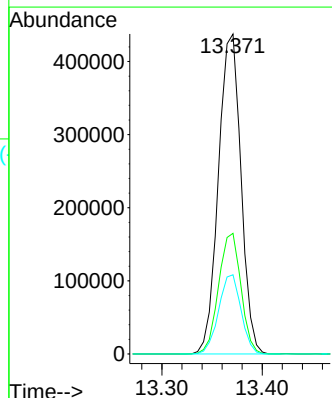
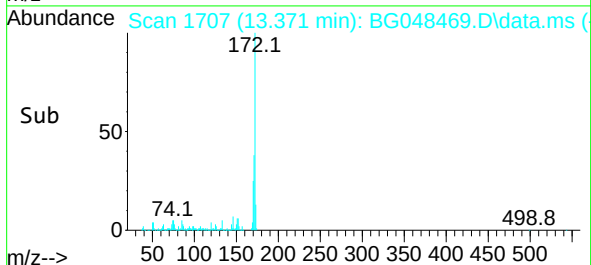
Tgt Ion:330 Resp: 241518
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 38.2 26.0 39.0

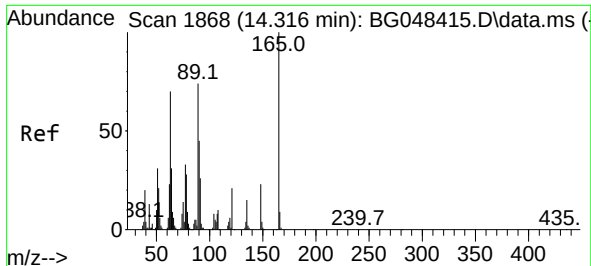


#45
2-Fluorobiphenyl
Concen: 83.74 ng
RT: 13.371 min Scan# 1707
Delta R.T. 0.004 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22



Tgt Ion:172 Resp: 681354
Ion Ratio Lower Upper
172 100
171 37.7 31.3 46.9
170 24.8 20.8 31.2

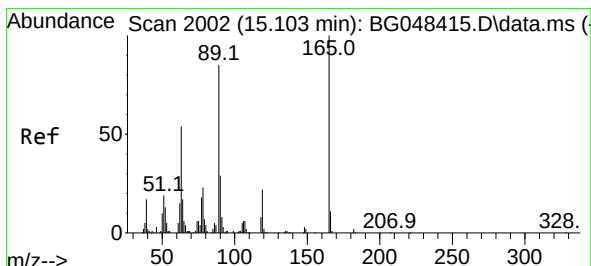
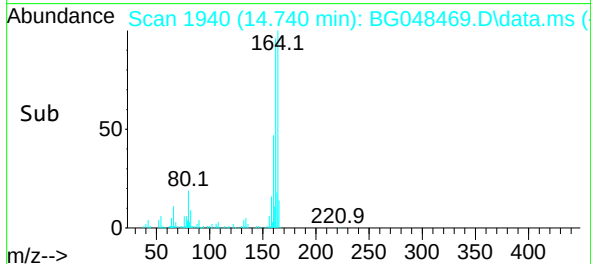
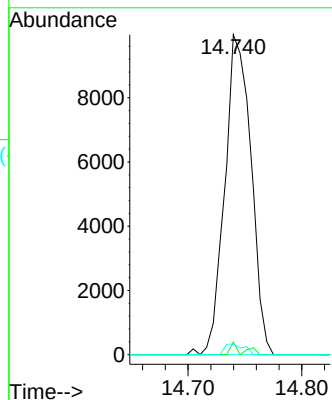
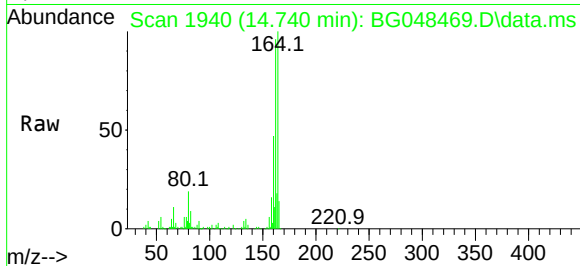




#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 14.740 min Scan# 1940
Delta R.T. 0.427 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

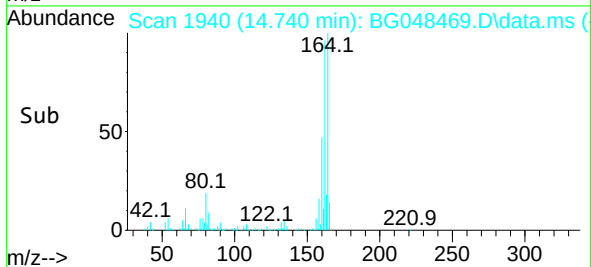
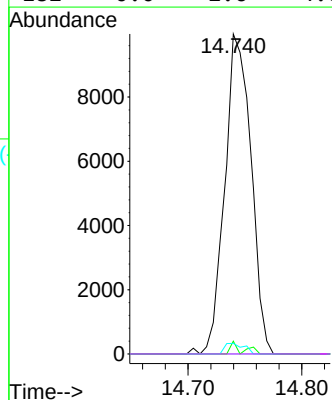
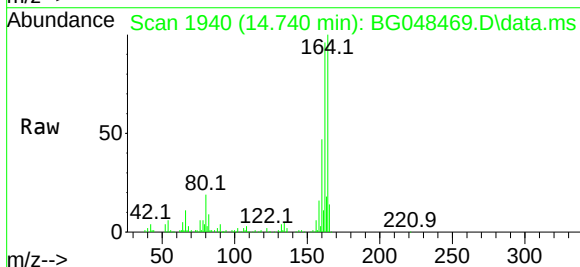
Instrument :
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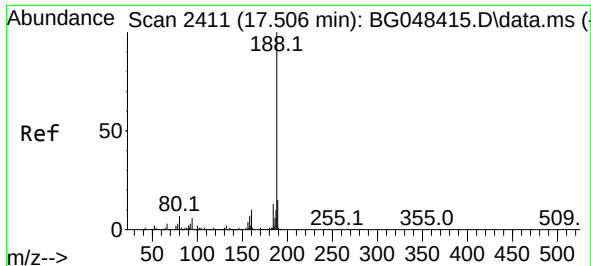
Tgt Ion:165 Resp: 15998
Ion Ratio Lower Upper
165 100
63 4.0 33.7 50.5#
89 3.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 14.740 min Scan# 1940
Delta R.T. -0.361 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

Tgt Ion:165 Resp: 15998
Ion Ratio Lower Upper
165 100
63 4.0 26.4 39.6#
89 3.3 47.8 71.8#
182 0.0 2.6 4.0#

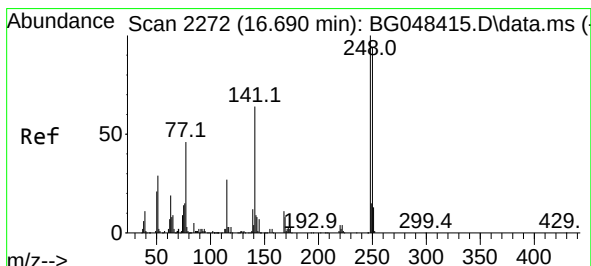
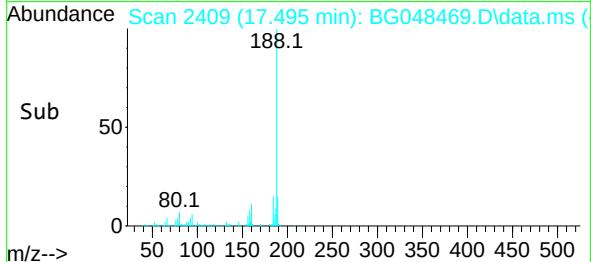
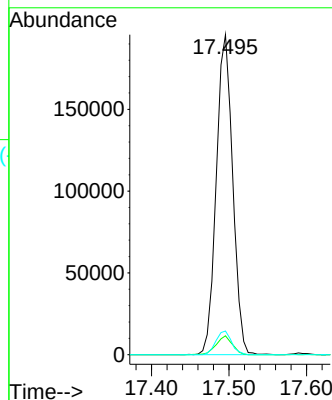
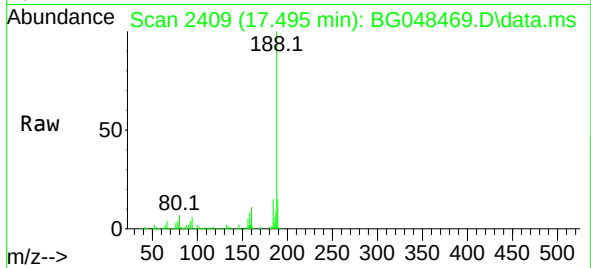




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2409
Delta R.T. -0.002 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

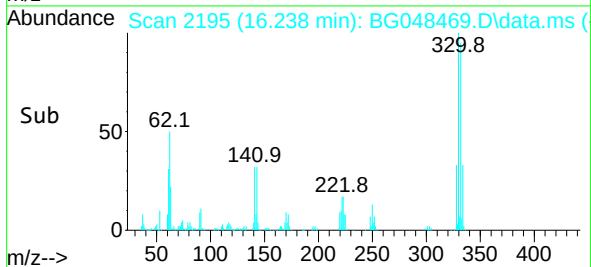
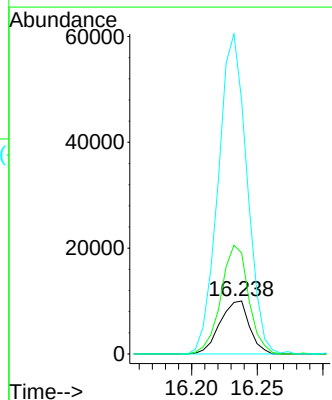
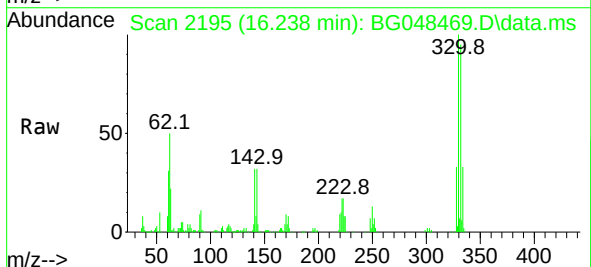
Instrument :
BNA_G
ClientSampleId :
PB135294BL

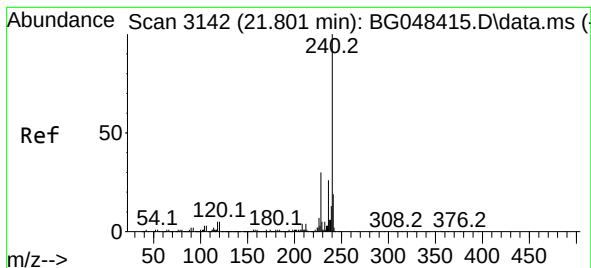
Tgt Ion:188 Resp: 287598
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.443 min
Lab File: BG048469.D
Acq: 23 Mar 2021 14:22

Tgt Ion:248 Resp: 15601
Ion Ratio Lower Upper
248 100
250 190.4 78.9 118.3#
141 477.5 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.784 min Scan# 3139

Delta R.T. -0.008 min

Lab File: BG048469.D

Acq: 23 Mar 2021 14:22

Tgt Ion:240 Resp: 279486

Ion Ratio Lower Upper

240 100

120 5.5 6.2 9.4#

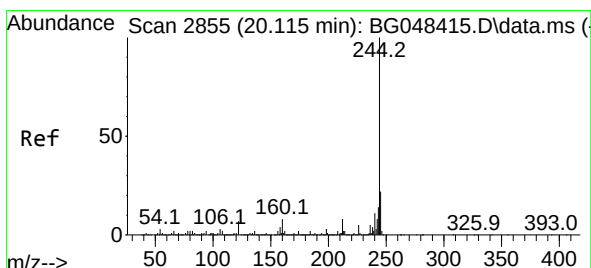
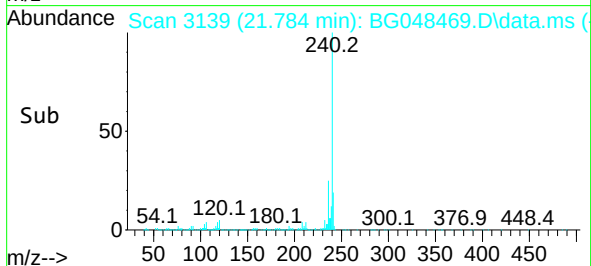
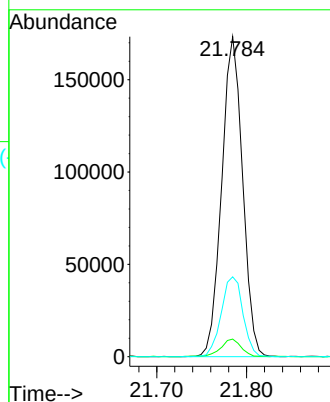
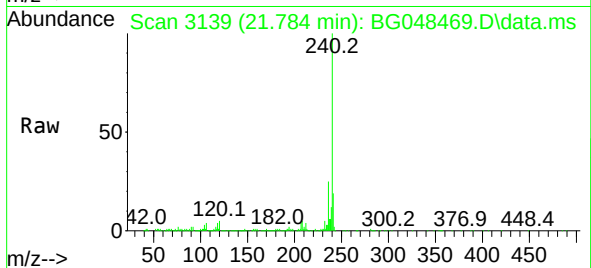
236 25.0 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

PB135294BL



#79

Terphenyl-d14

Concen: 82.15 ng

RT: 20.104 min Scan# 2853

Delta R.T. -0.002 min

Lab File: BG048469.D

Acq: 23 Mar 2021 14:22

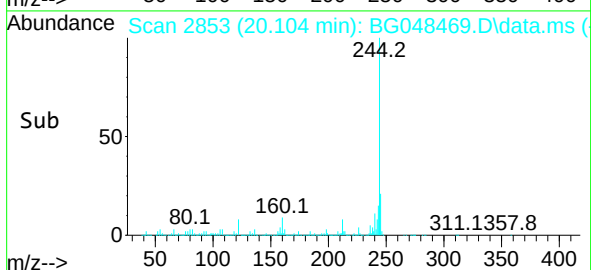
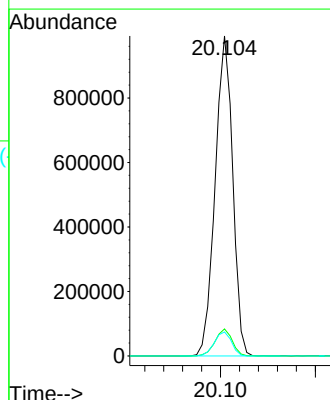
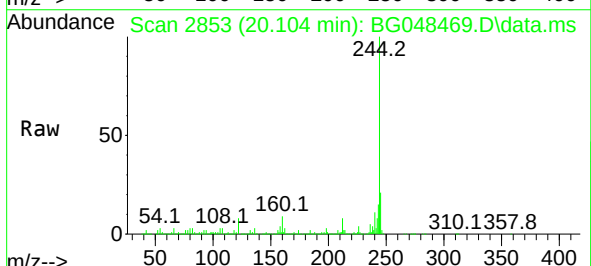
Tgt Ion:244 Resp: 1273182

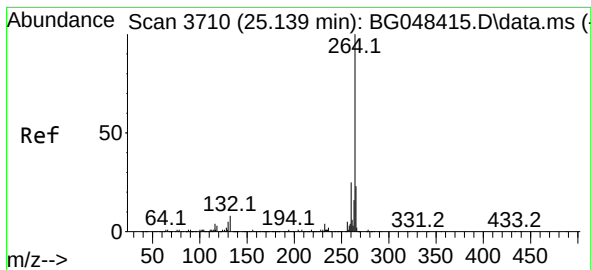
Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

122 7.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.116 min Scan# 3706
 Delta R.T. -0.008 min
 Lab File: BG048469.D
 Acq: 23 Mar 2021 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB135294BL

Tgt Ion:264 Resp: 288488
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 21.7 17.8 26.8

