

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047941.D
 Acq On : 20 Jan 2021 17:34
 Operator : CG/JU
 Sample : M1160-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-5

Quant Time: Jan 20 18:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 16:06:10 2021
 Response via : Initial Calibration

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

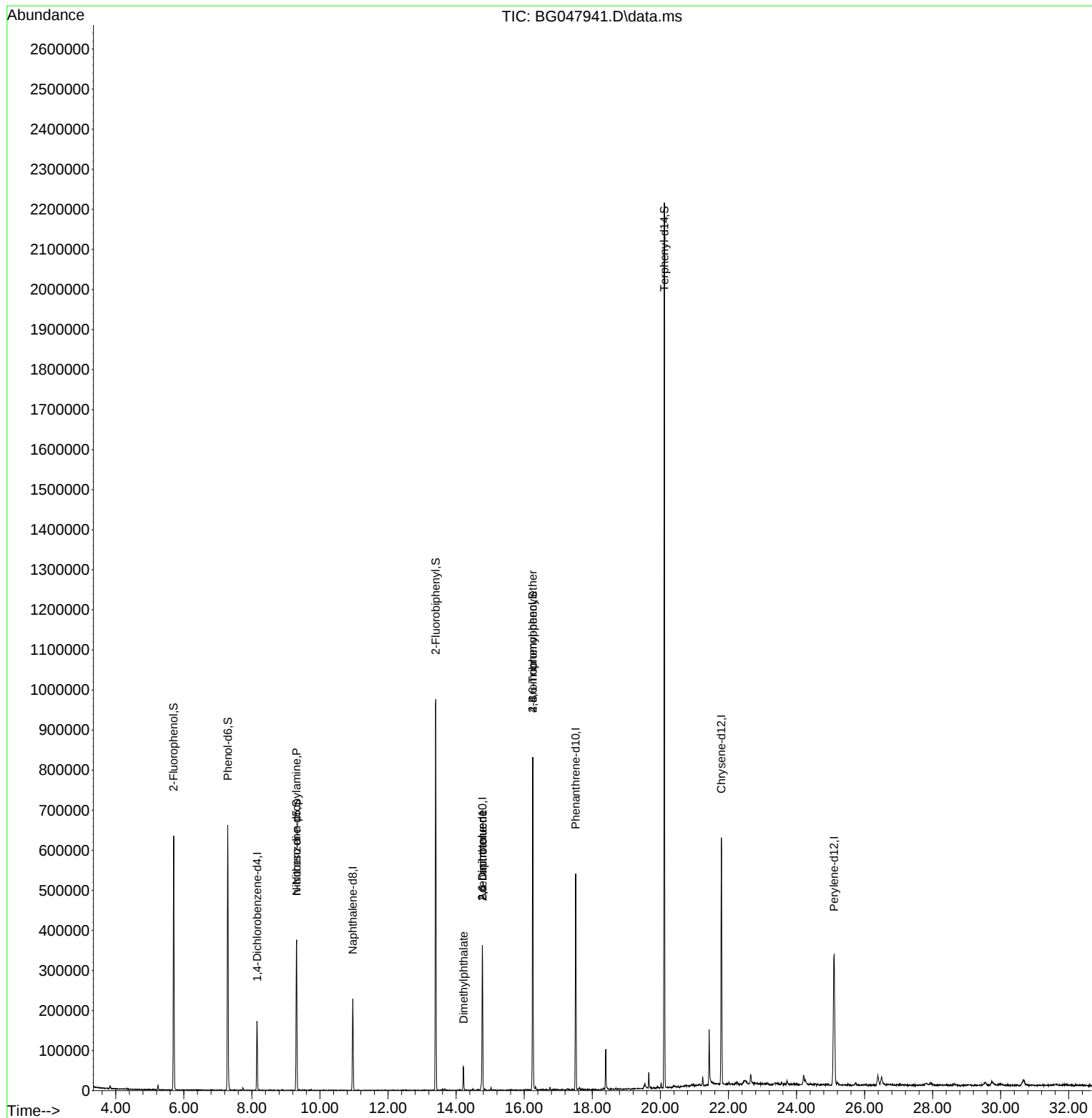
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.156	152	45643	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	176644	20.00	ng	# 0.00
39) Acenaphthene-d10	14.772	164	125668	20.00	ng	0.00
64) Phenanthrene-d10	17.516	188	335164	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	388772	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	373767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	243034	96.85	ng	0.00
7) Phenol-d6	7.292	99	341813	89.12	ng	0.00
23) Nitrobenzene-d5	9.313	82	218134	60.59	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	153692	92.09	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	497967	52.75	ng	0.00
79) Terphenyl-d14	20.118	244	981285	46.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.313	70	30550	10.86	ng	# 80
36) 4-Chloro-3-methylphenol	11.769	107	292	Below Cal	#	15
48) 2-Nitroaniline	13.843	65	64	Below Cal	#	1
50) Dimethylphthalate	14.219	163	36824	3.93	ng	# 96
51) 2,6-Dinitrotoluene	14.772	165	15793	11.32	ng	# 37
57) 2,4-Dinitrotoluene	14.772	165	15793	8.52	ng	# 34
67) 4-Bromophenyl-phenylether	16.252	248	10575	2.43	ng	# 1
80) Butylbenzylphthalate	20.788	149	74	Below Cal	#	27
84) Bis(2-ethylhexyl)phtha...	21.687	149	849	Below Cal	#	50
85) Di-n-octyl phthalate	22.950	149	241	Below Cal	#	1

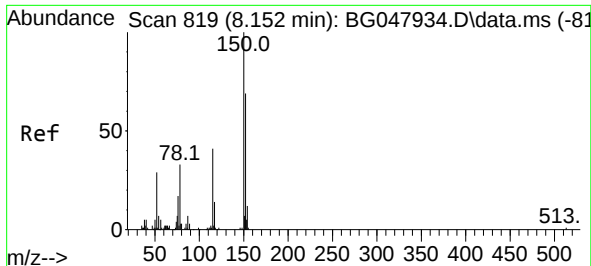
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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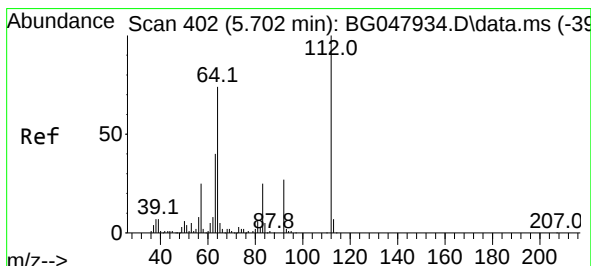
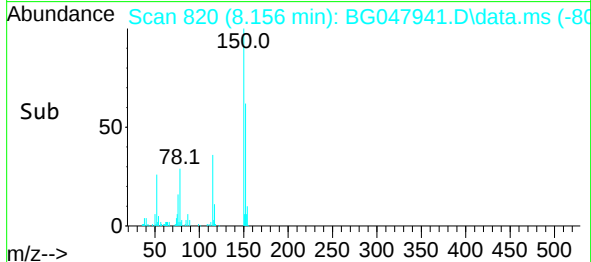
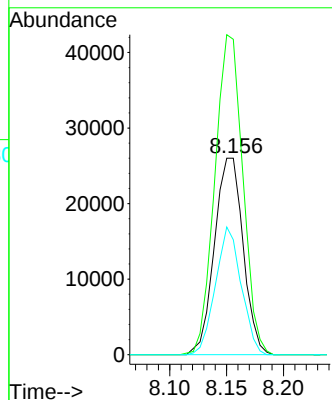
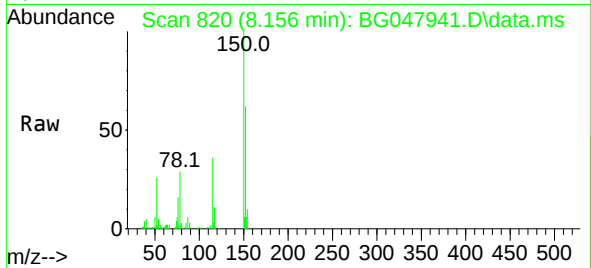




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.156 min Scan# 820
Delta R.T. 0.004 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

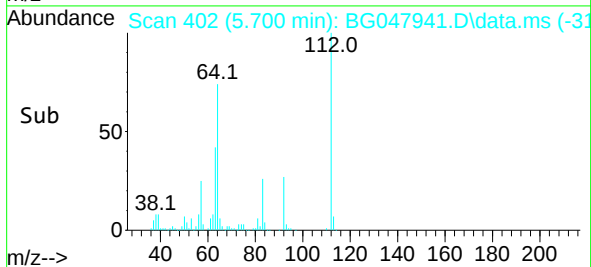
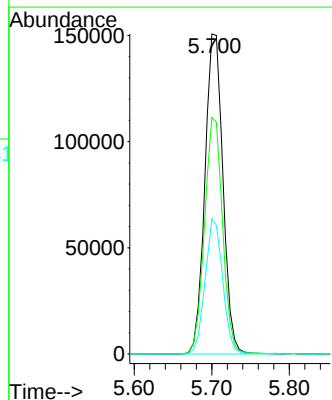
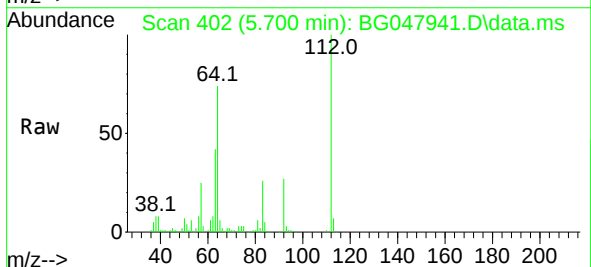
Instrument :
BNA_G
ClientSampleId :
BASIN-5

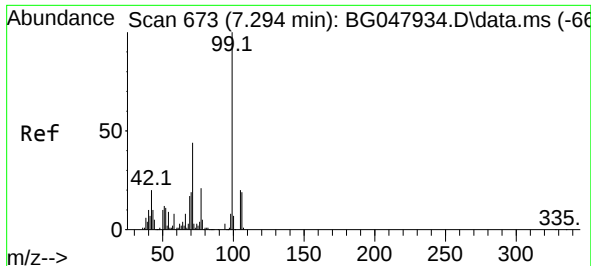
Tgt Ion:152 Resp: 45643
Ion Ratio Lower Upper
152 100
150 160.4 125.0 187.6
115 58.4 41.8 62.6



#5
2-Fluorophenol
Concen: 96.85 ng
RT: 5.700 min Scan# 402
Delta R.T. -0.002 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:112 Resp: 243034
Ion Ratio Lower Upper
112 100
64 73.9 46.7 70.1#
63 42.2 22.8 34.2#

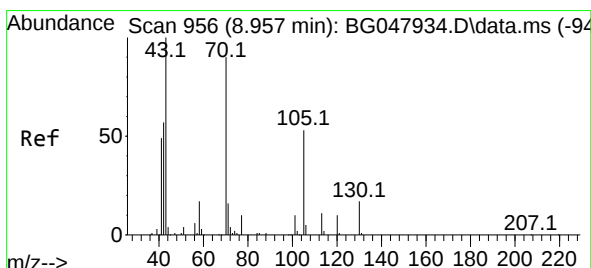
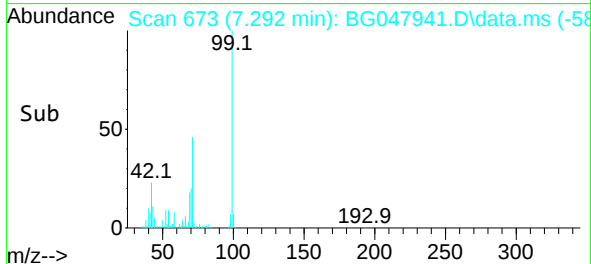
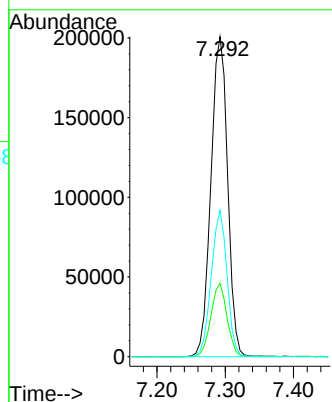
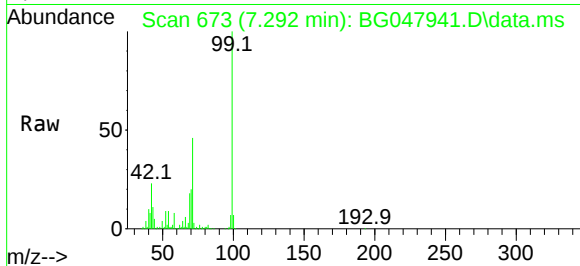




#7
Phenol-d6
Concen: 89.12 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.002 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

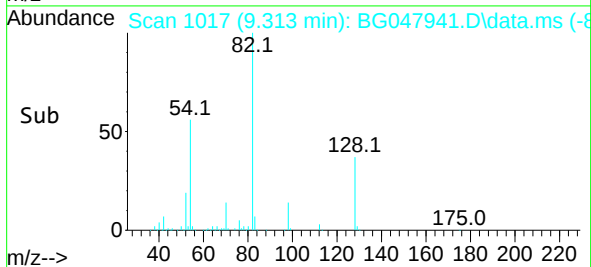
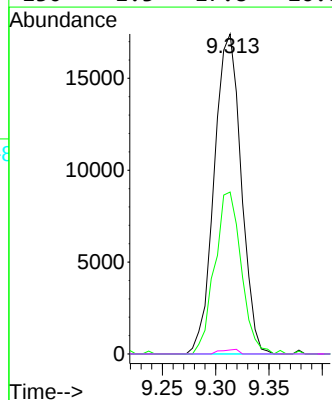
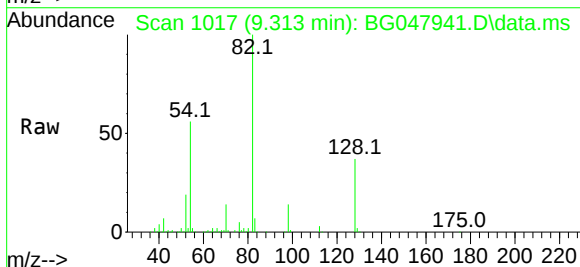
Instrument :
BNA_G
ClientSampleId :
BASIN-5

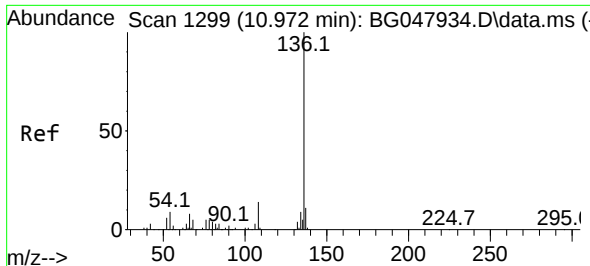
Tgt Ion: 99 Resp: 341813
Ion Ratio Lower Upper
99 100
42 22.9 12.8 19.2#
71 45.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.86 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.357 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion: 70 Resp: 30550
Ion Ratio Lower Upper
70 100
42 50.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

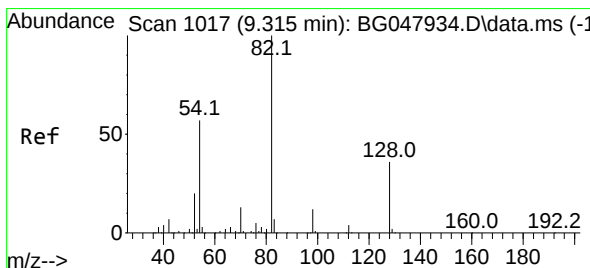
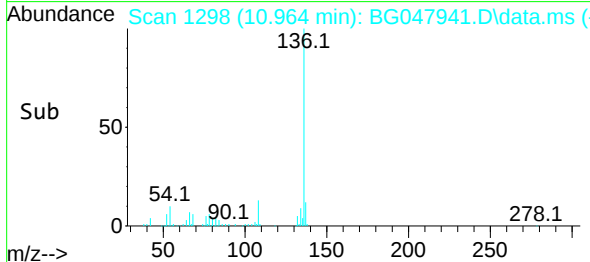
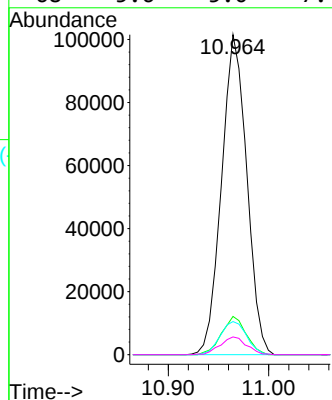
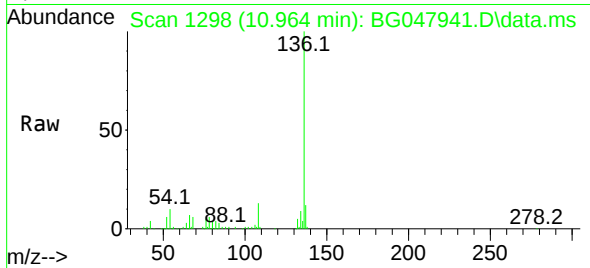




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

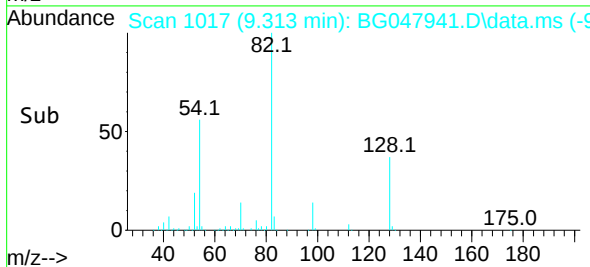
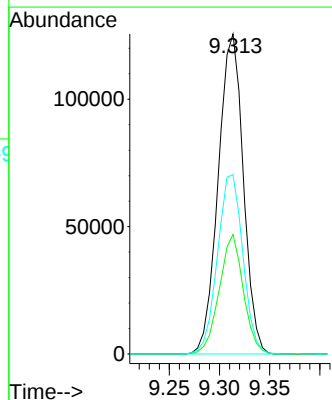
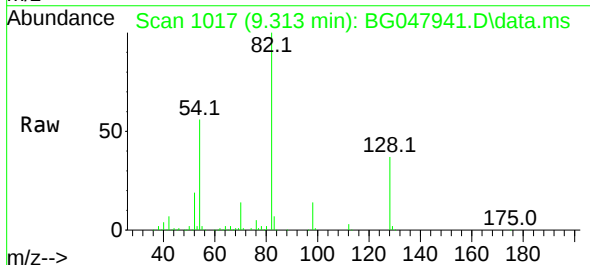
Instrument :
BNA_G
ClientSampleId :
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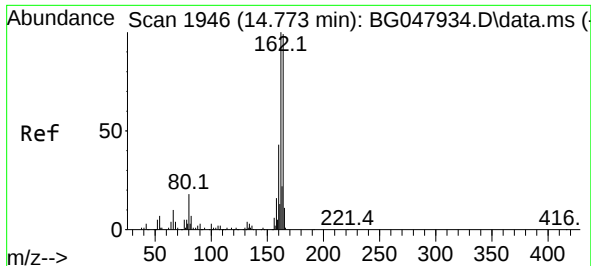
Tgt Ion:	136	Resp:	176644
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	10.4	6.2	9.4#
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.59 ng
RT: 9.313 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:	82	Resp:	218134
Ion	Ratio	Lower	Upper
82	100		
128	37.3	37.0	55.6
54	56.1	39.0	58.4

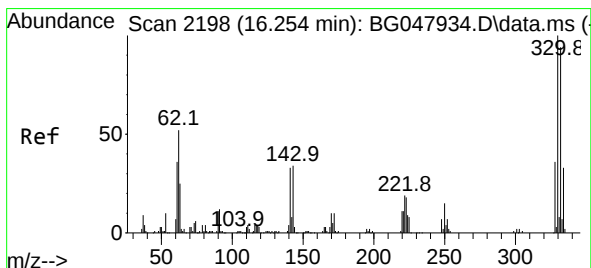
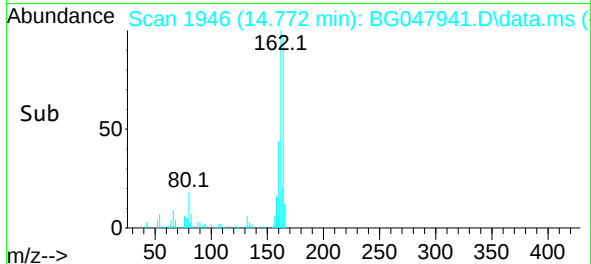
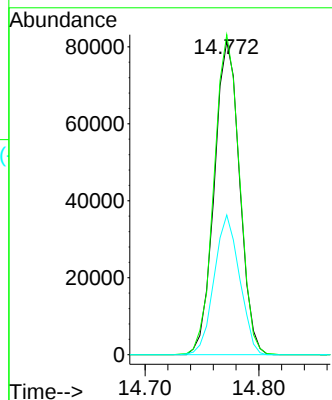
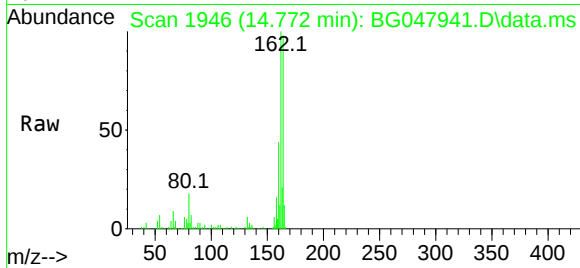




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.772 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

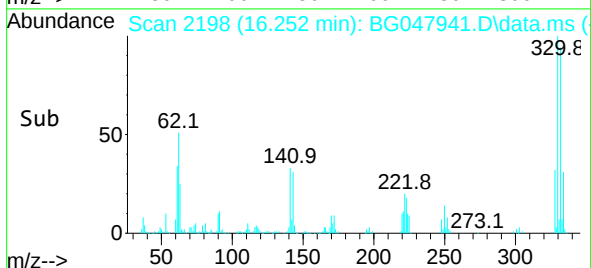
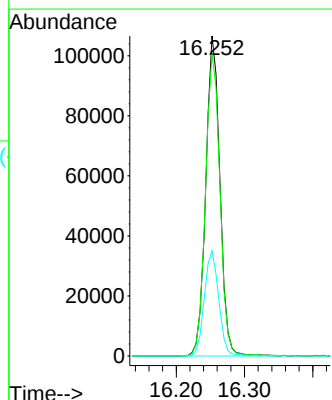
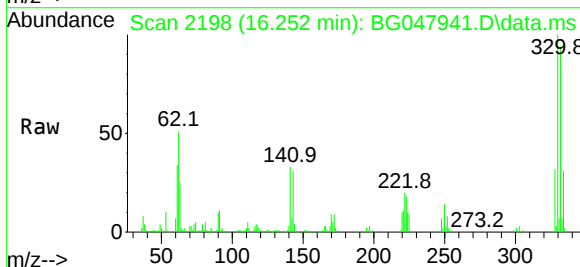
Instrument :
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BASIN-5

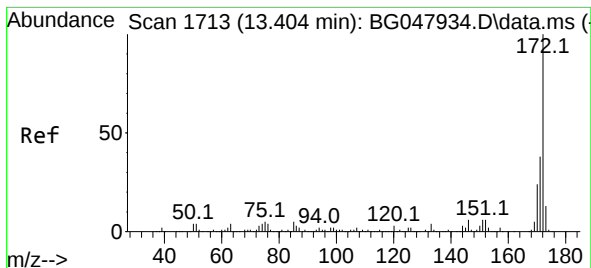
Tgt Ion:164 Resp: 125668
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 92.09 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.002 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:330 Resp: 153692
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 33.5 26.0 39.0

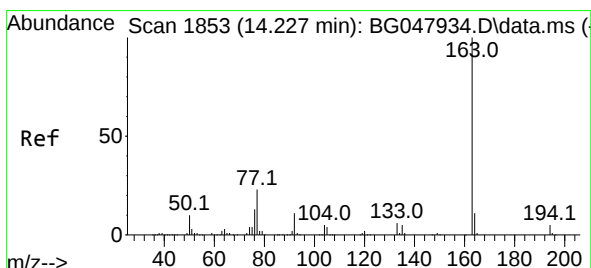
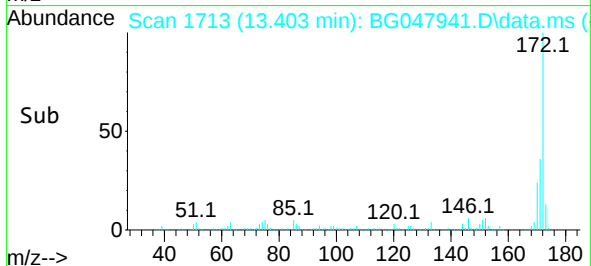
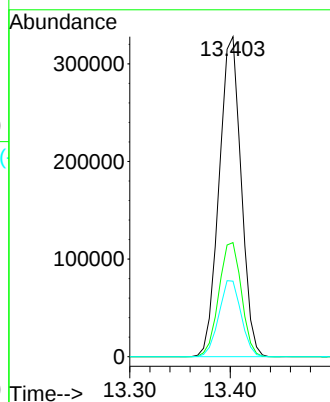
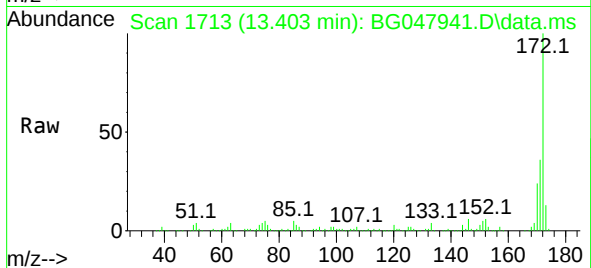




#45
2-Fluorobiphenyl
Concen: 52.75 ng
RT: 13.403 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

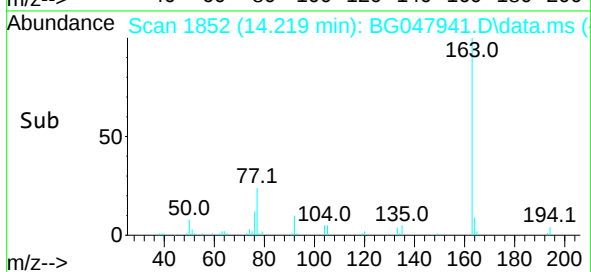
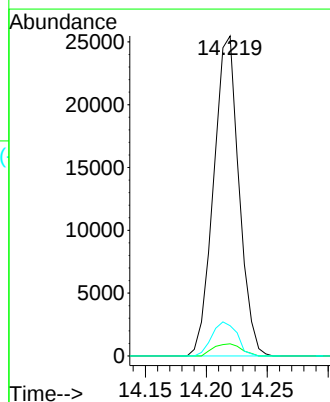
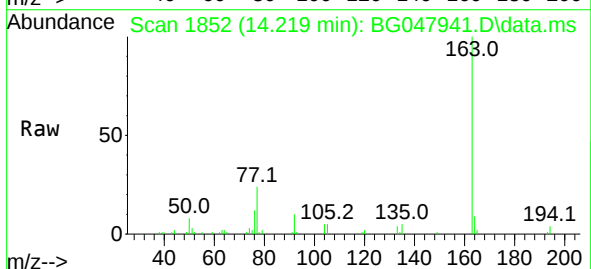
Instrument :
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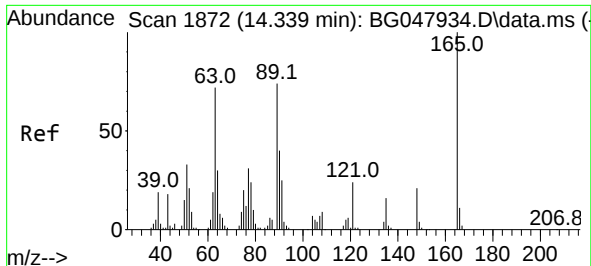
Tgt Ion:172 Resp: 497967
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 23.6 20.8 31.2



#50
Dimethylphthalate
Concen: 3.93 ng
RT: 14.219 min Scan# 1852
Delta R.T. -0.008 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:163 Resp: 36824
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.8#
164 9.4 8.8 13.2

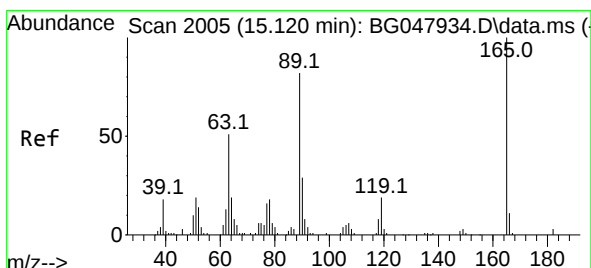
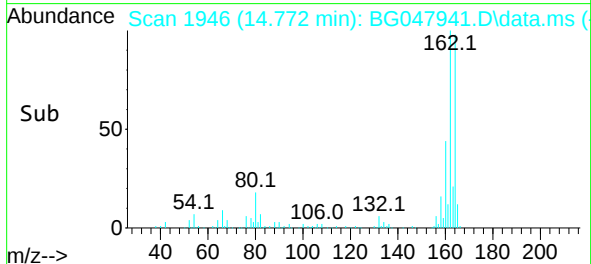
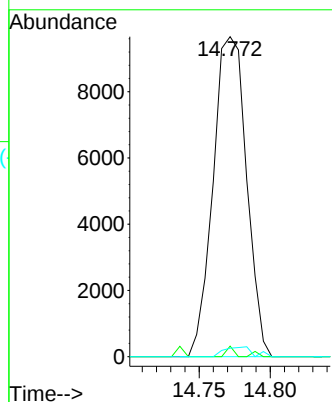
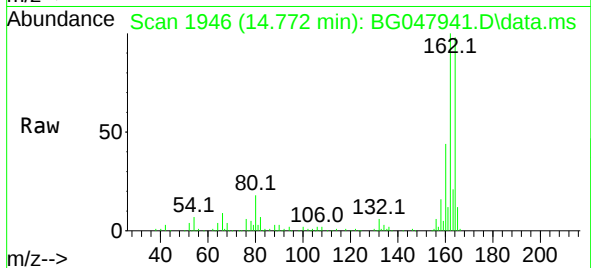




#51
2,6-Dinitrotoluene
Concen: 11.32 ng
RT: 14.772 min Scan# 1946
Delta R.T. 0.433 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

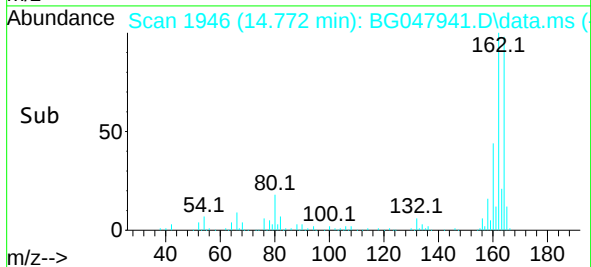
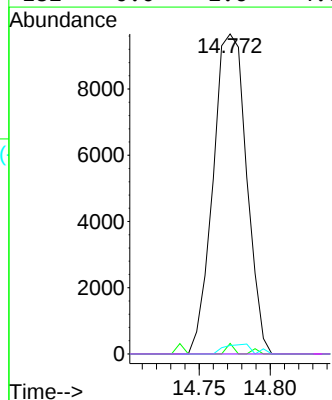
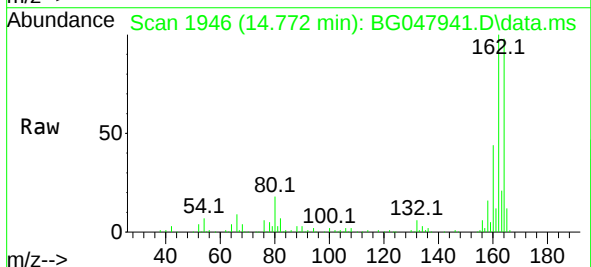
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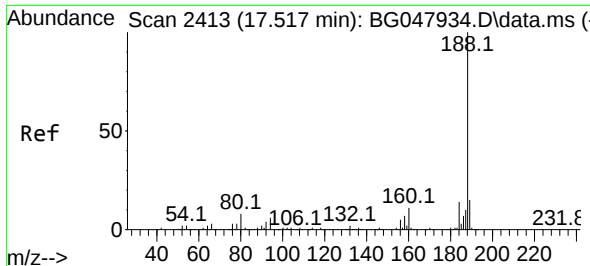
Tgt Ion:165 Resp: 15793
Ion Ratio Lower Upper
165 100
63 3.3 33.7 50.5#
89 2.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 8.52 ng
RT: 14.772 min Scan# 1946
Delta R.T. -0.348 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:165 Resp: 15793
Ion Ratio Lower Upper
165 100
63 3.3 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#

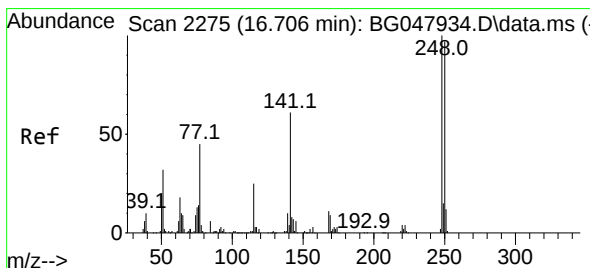
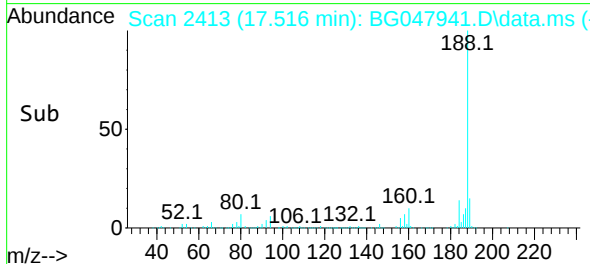
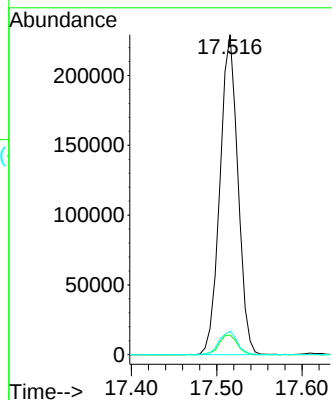
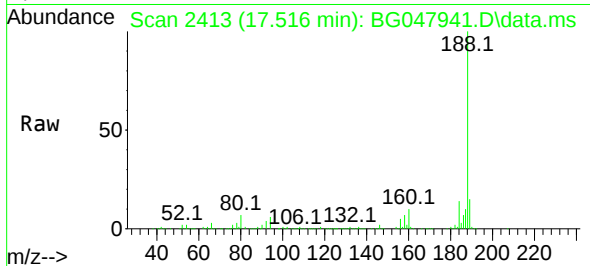




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.516 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

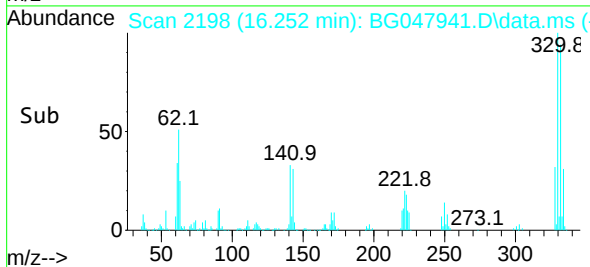
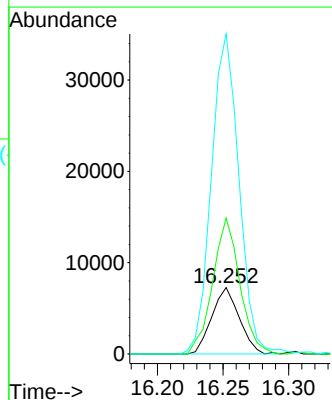
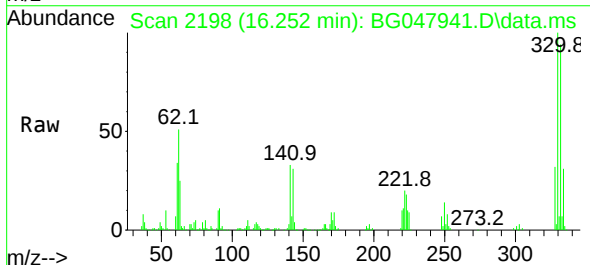
Instrument :
BNA_G
ClientSampleId :
BASIN-5

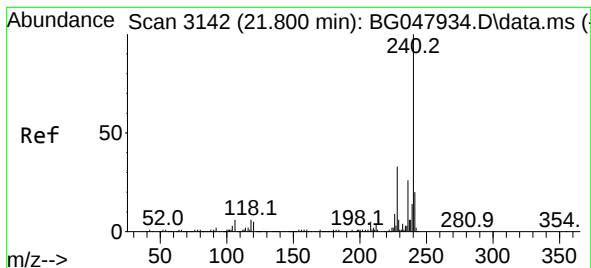
Tgt Ion:188 Resp: 335164
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.454 min
Lab File: BG047941.D
Acq: 20 Jan 2021 17:34

Tgt Ion:248 Resp: 10575
Ion Ratio Lower Upper
248 100
250 204.5 78.9 118.3#
141 481.8 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.793 min Scan# 3141

Delta R.T. -0.007 min

Lab File: BG047941.D

Acq: 20 Jan 2021 17:34

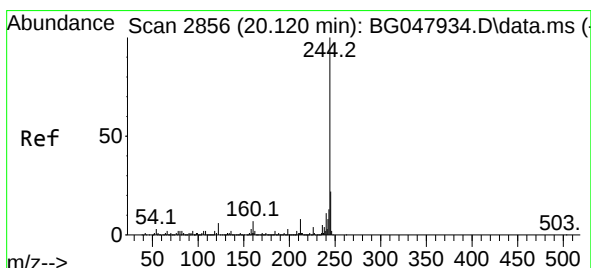
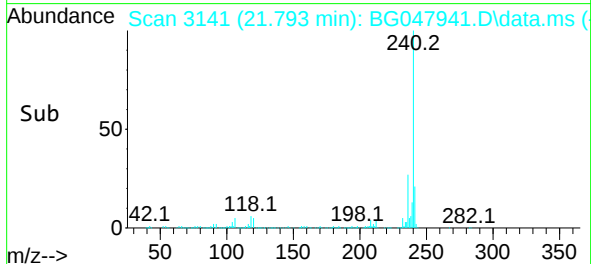
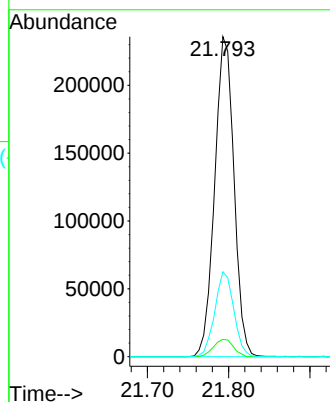
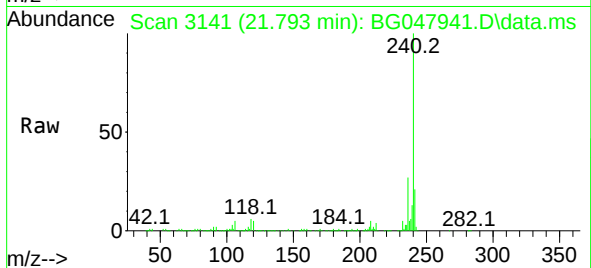
Tgt Ion:240 Resp: 388772

Ion Ratio Lower Upper

240 100

120 5.4 6.2 9.4#

236 26.5 20.5 30.7



#79

Terphenyl-d14

Concen: 46.55 ng

RT: 20.118 min Scan# 2856

Delta R.T. -0.002 min

Lab File: BG047941.D

Acq: 20 Jan 2021 17:34

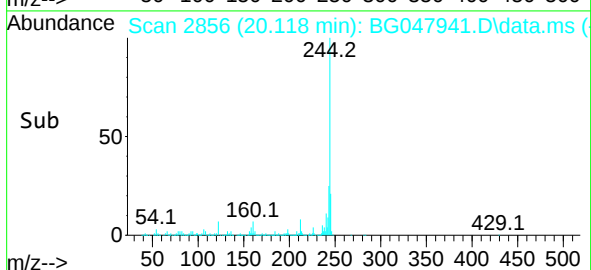
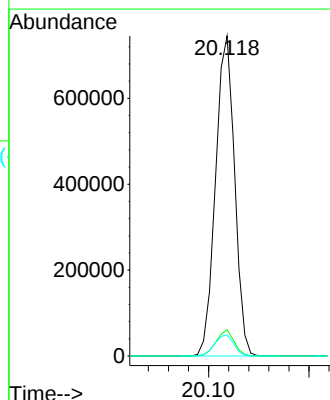
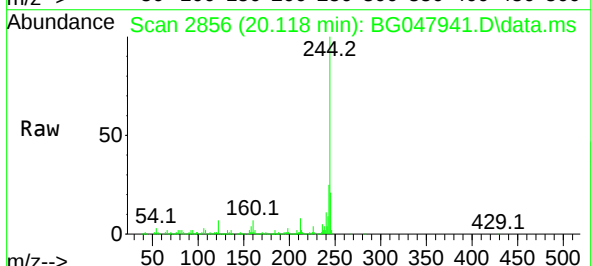
Tgt Ion:244 Resp: 981285

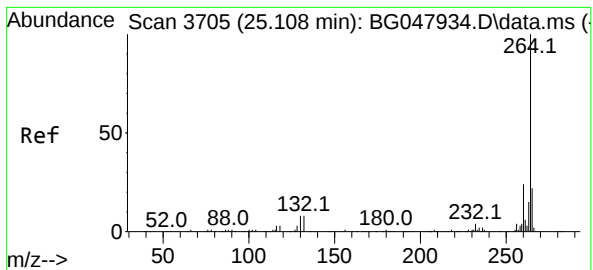
Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 6.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.101 min Scan# 3704
 Delta R.T. -0.007 min
 Lab File: BG047941.D
 Acq: 20 Jan 2021 17:34

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-5

Tgt Ion:264 Resp: 373767

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.5	17.8	26.8

