

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048671.D
 Acq On : 12 Apr 2021 21:56
 Operator : CG/JU
 Sample : M1967-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SED-1B

Quant Time: Apr 13 00:20:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

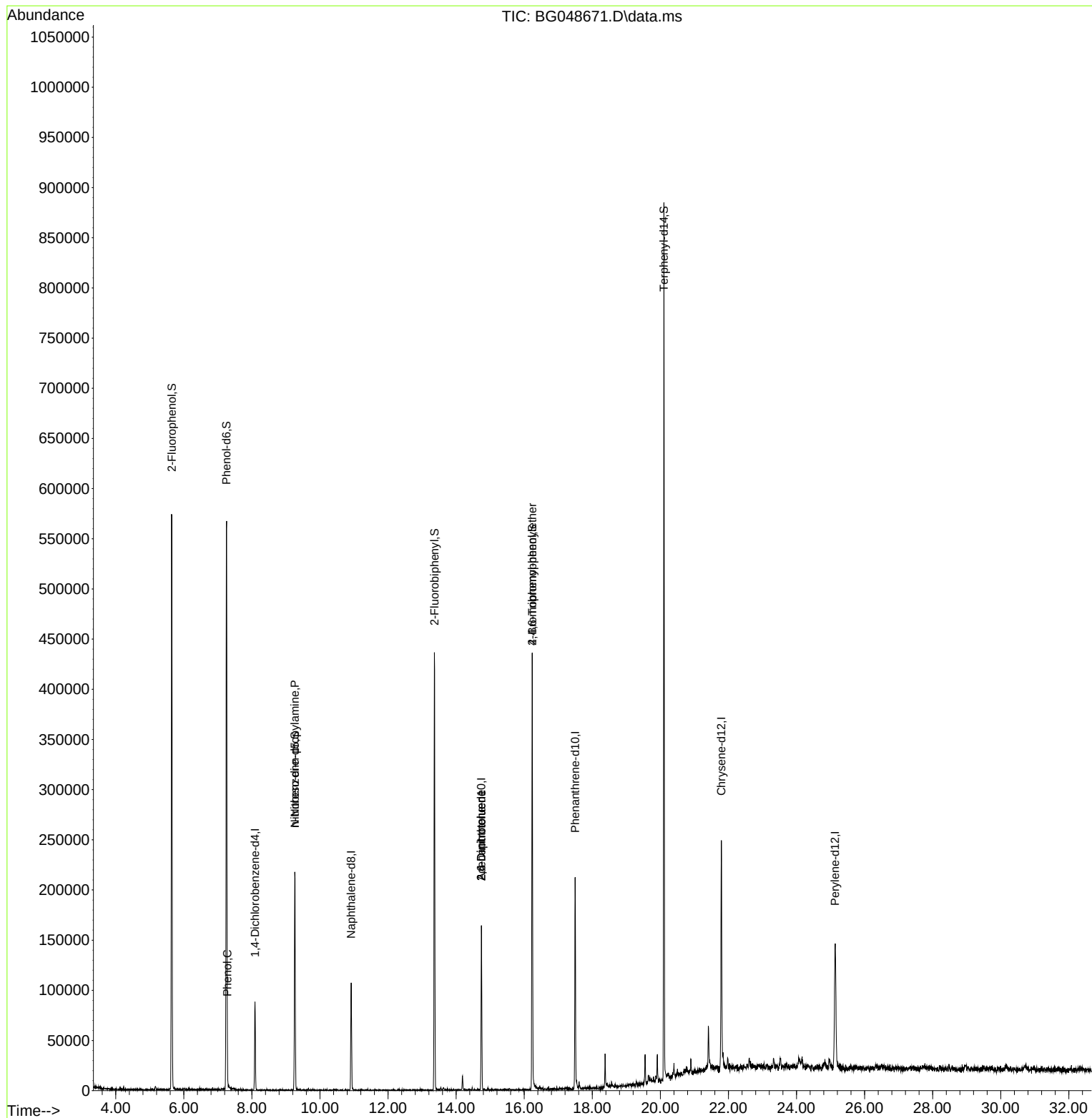
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	21558	20.00	ng	# 0.00
21) Naphthalene-d8	10.916	136	83761	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	55659	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	130144	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	139044	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	136889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	259863	212.82	ng	0.00
7) Phenol-d6	7.250	99	323950	182.93	ng	0.00
23) Nitrobenzene-d5	9.260	82	122598	70.86	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	72228	98.72	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	220453	58.87	ng	0.00
79) Terphenyl-d14	20.106	244	385536	50.71	ng	0.00
Target Compounds						
10) Phenol	7.279	94	4530	2.56	ng	Qvalue 78
19) n-Nitroso-di-n-propyla...	9.260	70	19269	15.79	ng	# 70
51) 2,6-Dinitrotoluene	14.741	165	7188	7.61	ng	# 17
57) 2,4-Dinitrotoluene	14.741	165	7188	5.38	ng	# 22
67) 4-Bromophenyl-phenylether	16.240	248	5645	3.91	ng	# 1

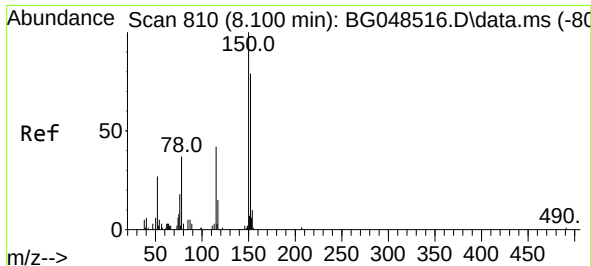
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

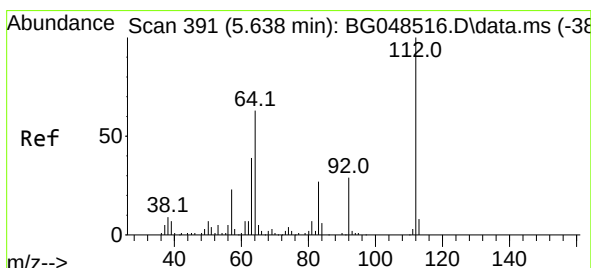
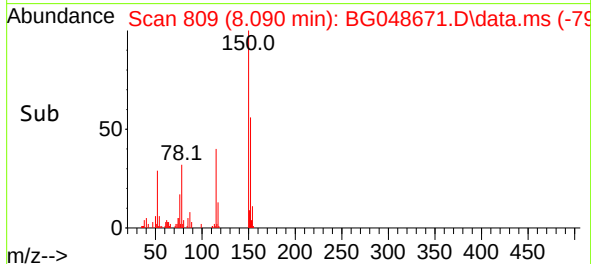
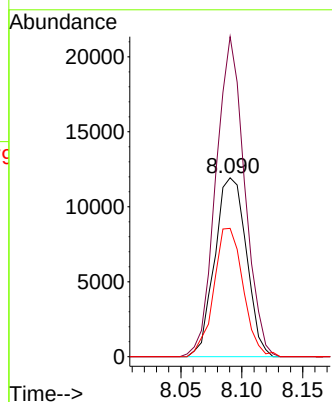
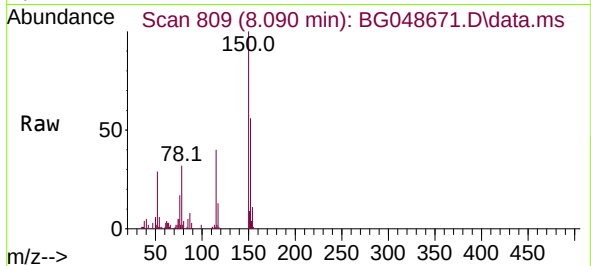




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 809
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

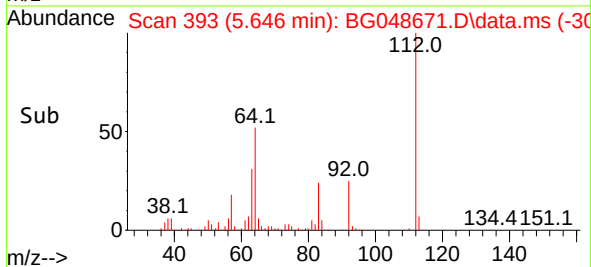
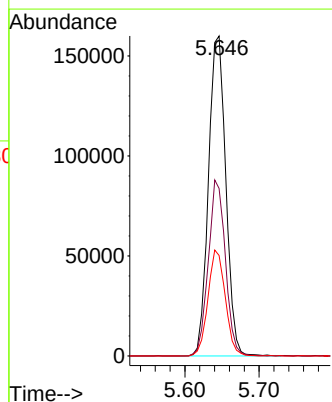
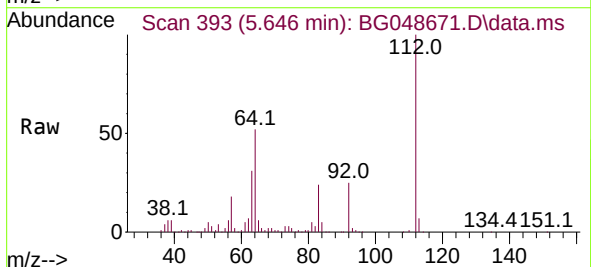
Instrument :
BNA_G
ClientSampleId :
SED-1B

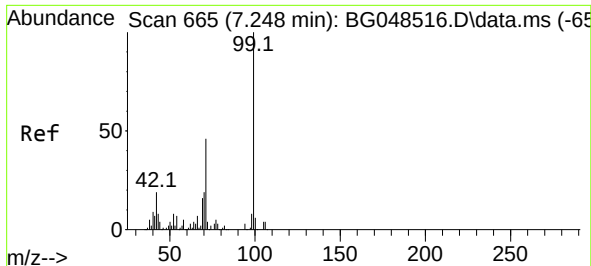
Tgt Ion:152 Resp: 21558
Ion Ratio Lower Upper
152 100
150 178.9 101.3 151.9#
115 71.7 42.3 63.5#



#5
2-Fluorophenol
Concen: 212.82 ng
RT: 5.646 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:112 Resp: 259863
Ion Ratio Lower Upper
112 100
64 52.4 50.4 75.6
63 31.4 31.4 47.2#

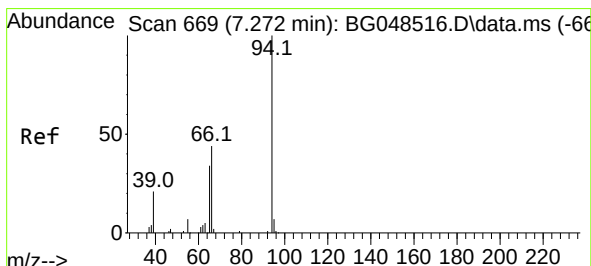
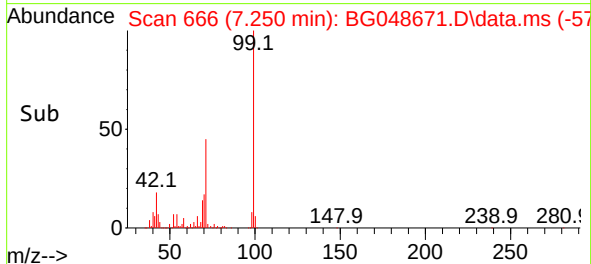
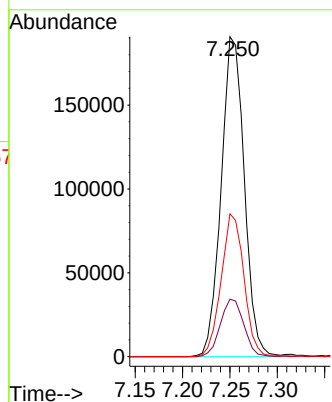
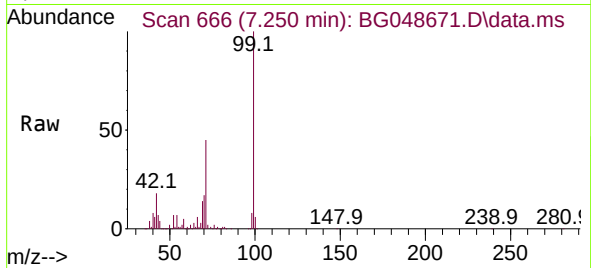




#7
Phenol-d6
Concen: 182.93 ng
RT: 7.250 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

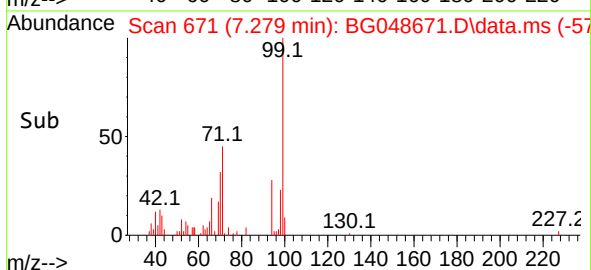
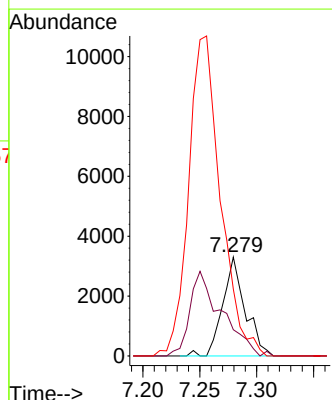
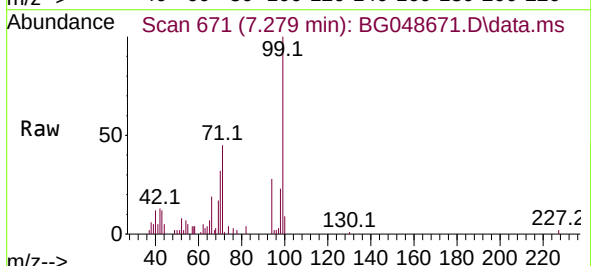
Instrument :
BNA_G
ClientSampleId :
SED-1B

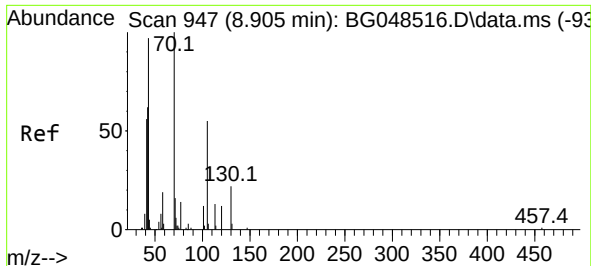
Tgt Ion: 99 Resp: 323950
Ion Ratio Lower Upper
99 100
42 18.0 15.5 23.3
71 44.6 36.6 54.8



#10
Phenol
Concen: 2.56 ng
RT: 7.279 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion: 94 Resp: 4530
Ion Ratio Lower Upper
94 100
65 26.5 15.1 55.1
66 67.6 28.9 68.9

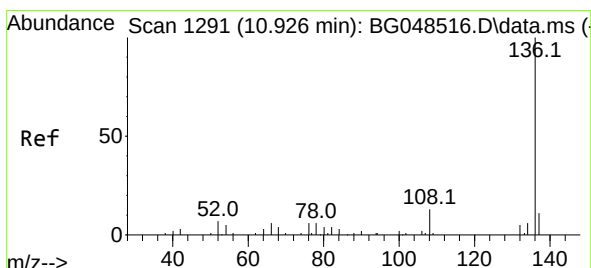
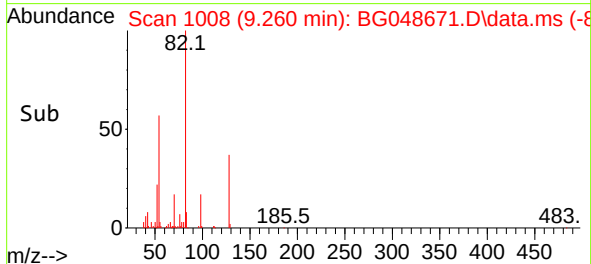
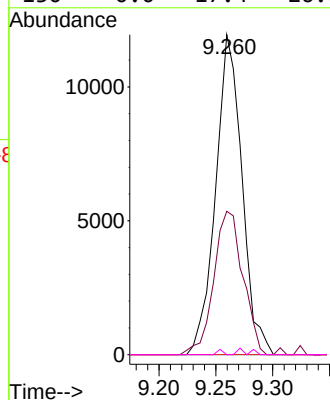
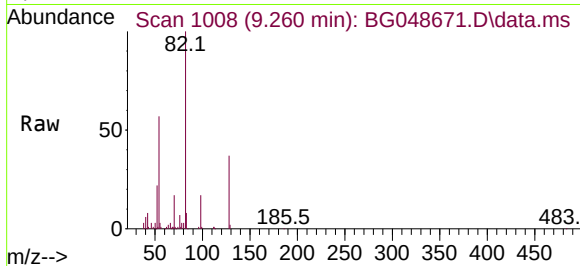




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.354 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

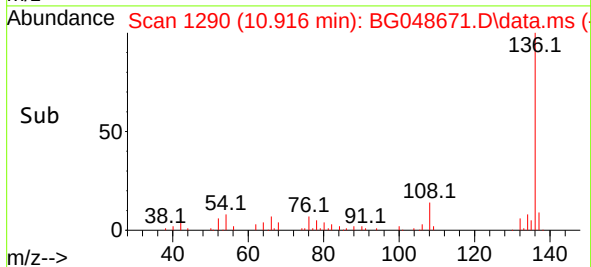
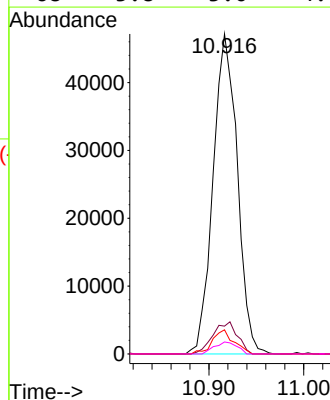
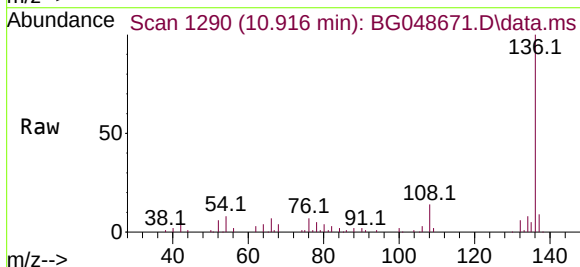
Instrument :
BNA_G
ClientSampleId :
SED-1B

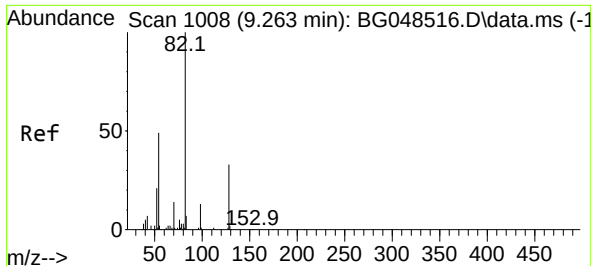
Tgt Ion:	70	Resp:	19269
Ion Ratio	Lower	Upper	
70	100		
42	44.8	50.8	76.2#
101	0.0	9.7	14.5#
130	0.0	17.4	26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:	136	Resp:	83761
Ion Ratio	Lower	Upper	
136	100		
137	8.7	8.6	12.8
54	7.6	4.2	6.4#
68	3.8	3.0	4.4

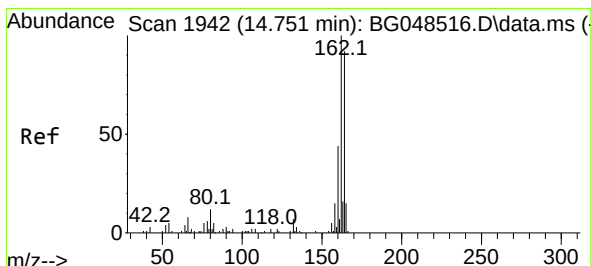
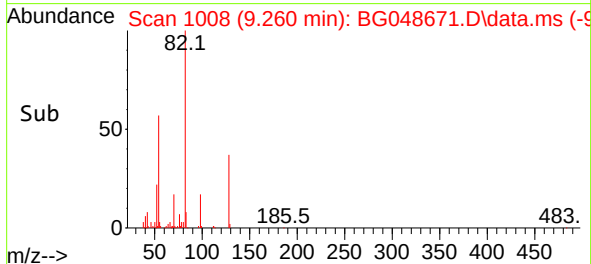
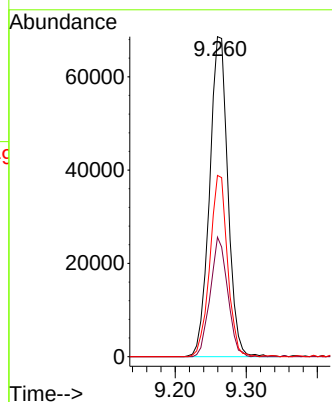
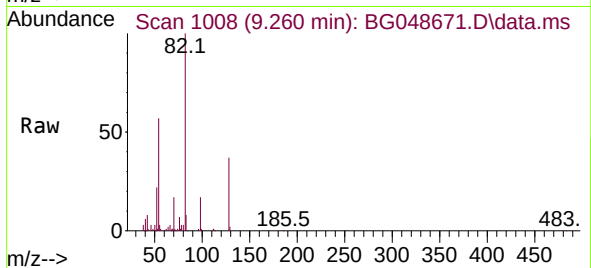




#23
Nitrobenzene-d5
Concen: 70.86 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

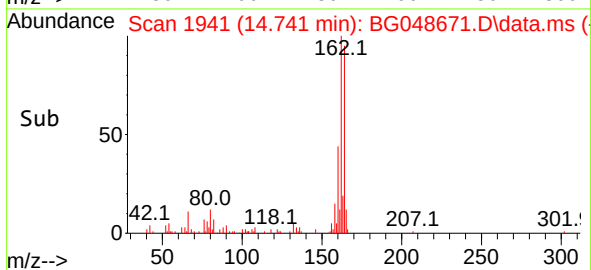
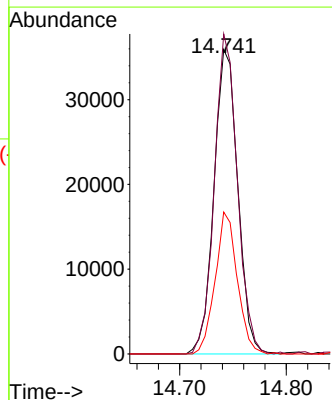
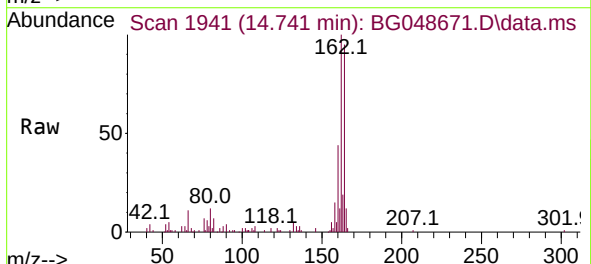
Instrument :
BNA_G
ClientSampleId :
SED-1B

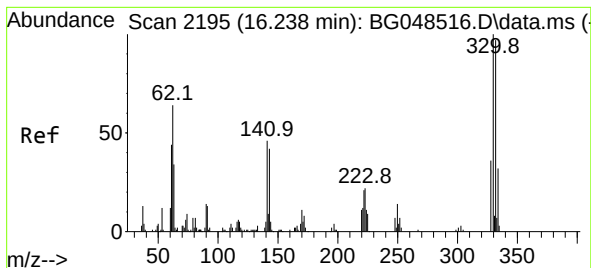
Tgt Ion: 82 Resp: 122598
Ion Ratio Lower Upper
82 100
128 37.3 26.2 39.4
54 56.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion: 164 Resp: 55659
Ion Ratio Lower Upper
164 100
162 105.1 87.0 130.6
160 46.6 38.4 57.6

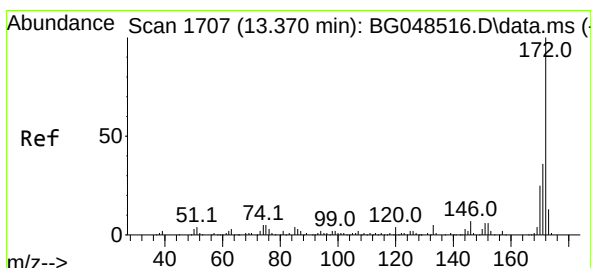
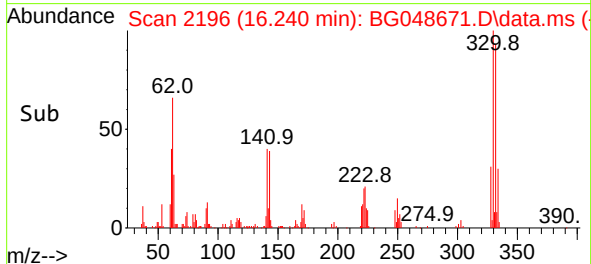
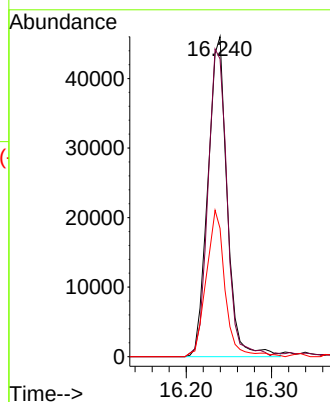
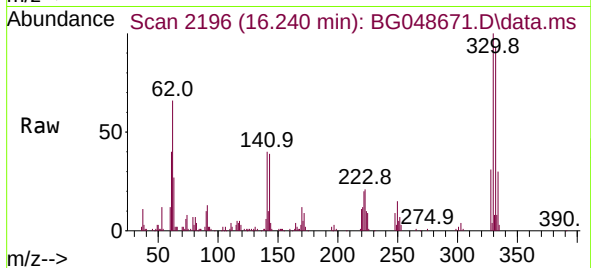




#42
2,4,6-Tribromophenol
Concen: 98.72 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.002 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

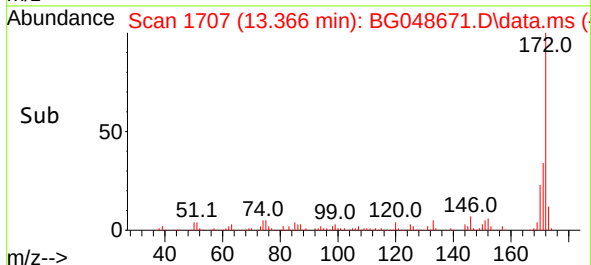
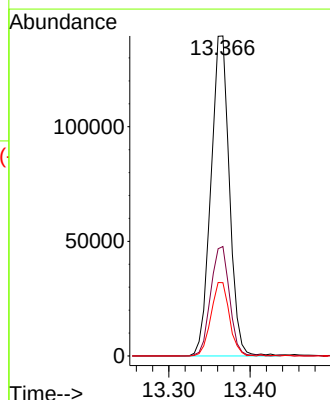
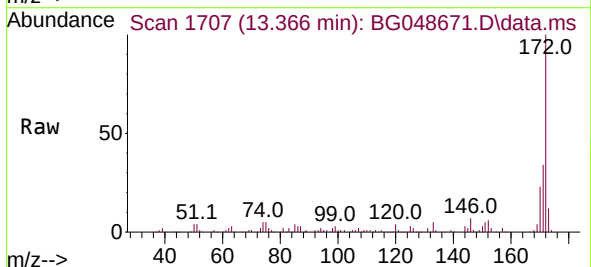
Instrument :
BNA_G
ClientSampleId :
SED-1B

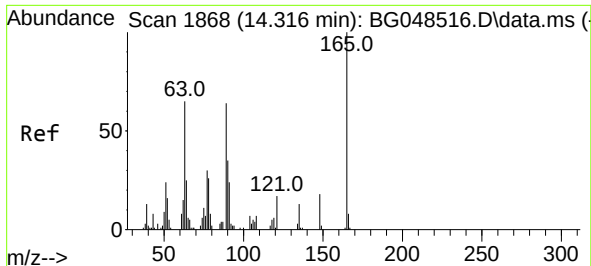
Tgt Ion:330 Resp: 72228
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 44.6 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 58.87 ng
RT: 13.366 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:172 Resp: 220453
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.9 19.8 29.6

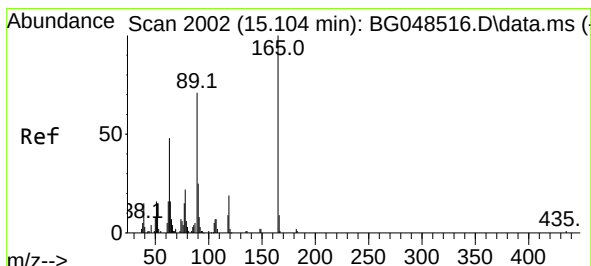
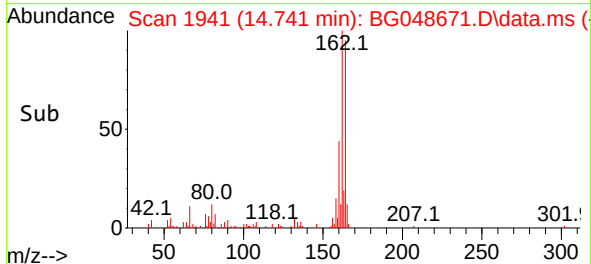
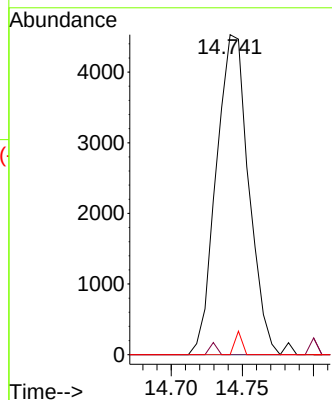
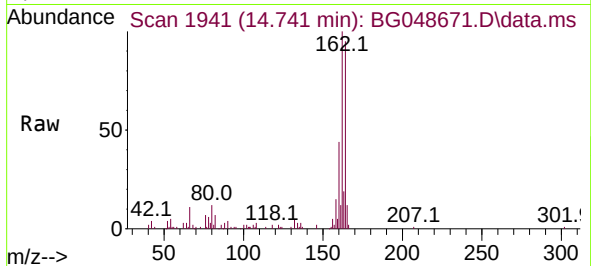




#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

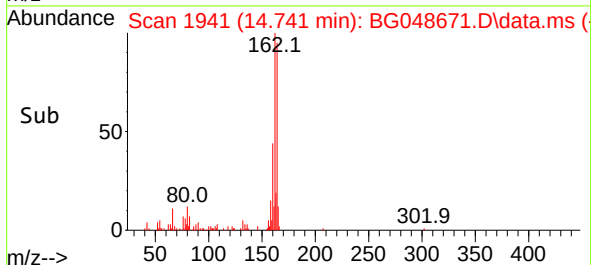
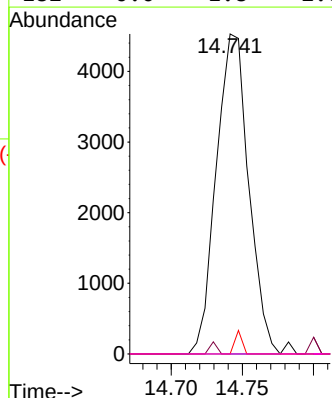
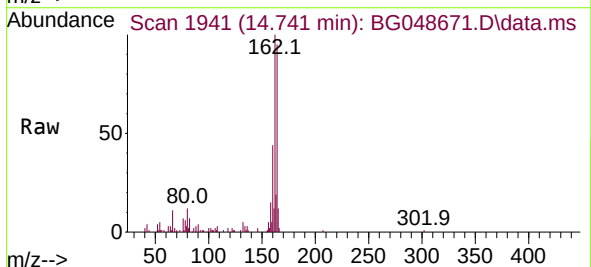
Instrument :
BNA_G
ClientSampleId :
SED-1B

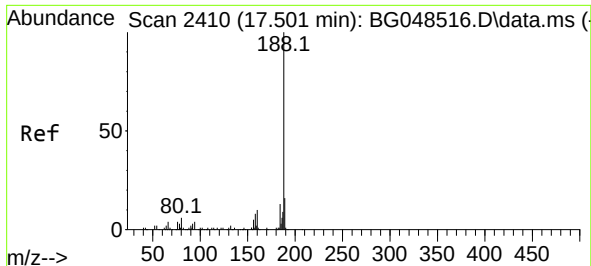
Tgt Ion:165 Resp: 7188
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:165 Resp: 7188
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

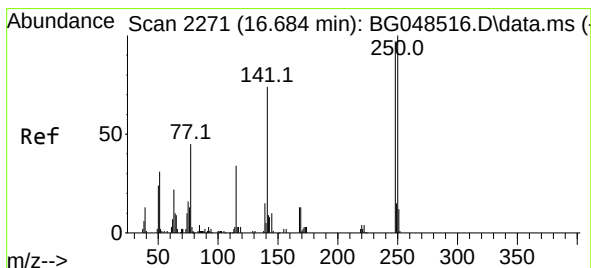
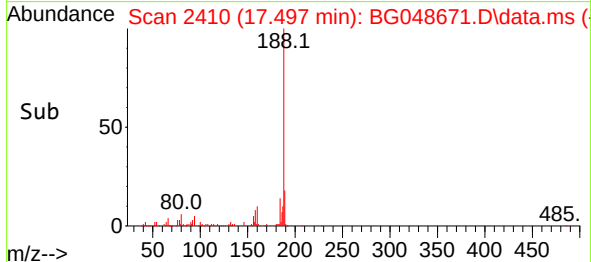
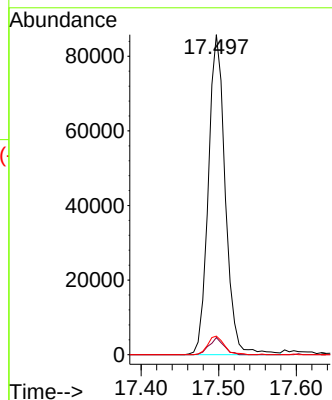
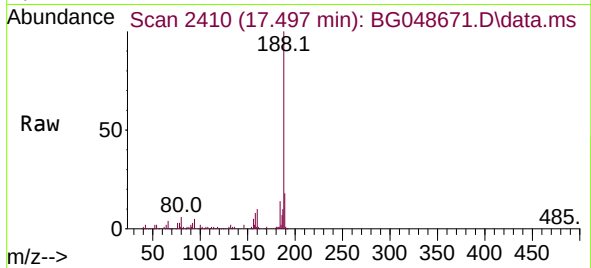




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

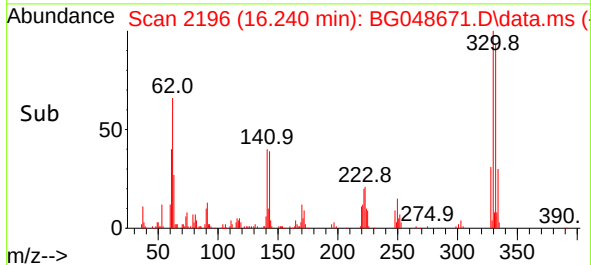
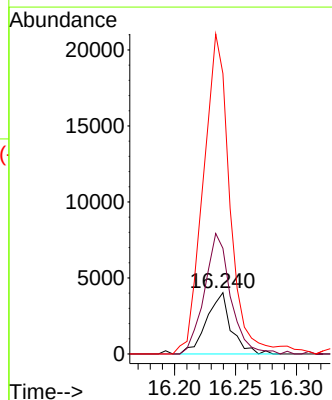
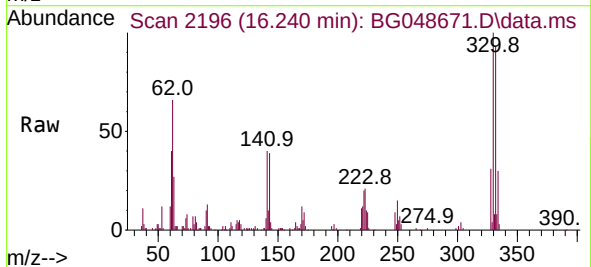
Instrument :
BNA_G
ClientSampleId :
SED-1B

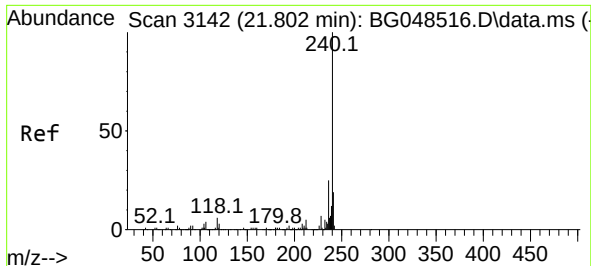
Tgt Ion:188 Resp: 130144
Ion Ratio Lower Upper
188 100
94 5.4 3.0 4.6#
80 5.8 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.445 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:248 Resp: 5645
Ion Ratio Lower Upper
248 100
250 172.2 82.6 124.0#
141 457.1 61.0 91.6#

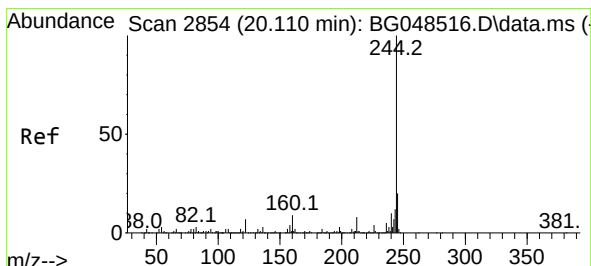
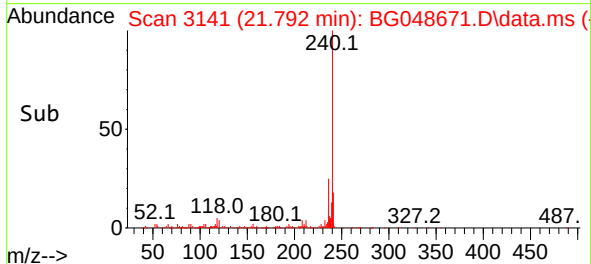
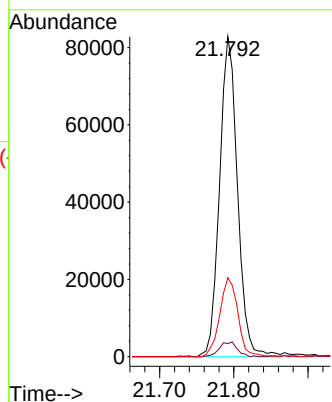
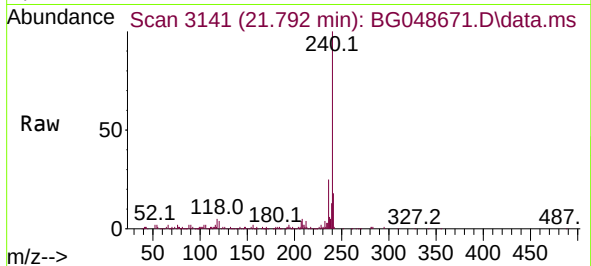




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

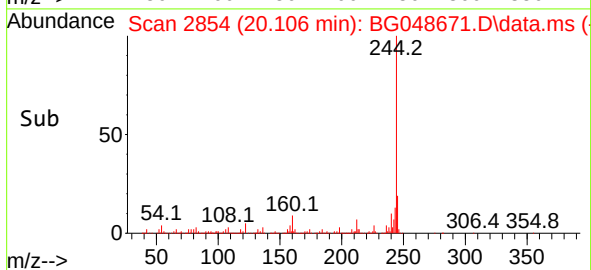
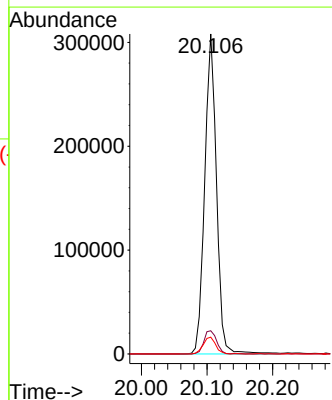
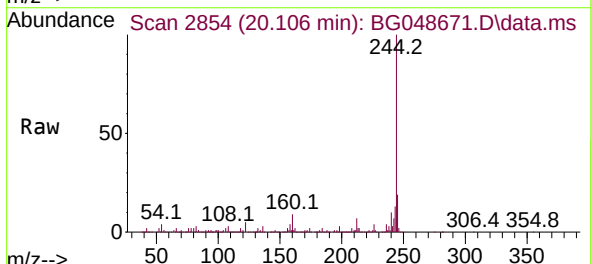
Instrument :
BNA_G
ClientSampleId :
SED-1B

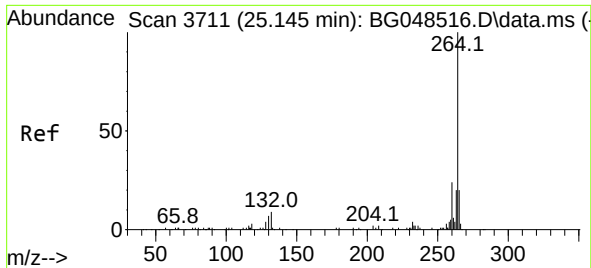
Tgt Ion:240 Resp: 139044
Ion Ratio Lower Upper
240 100
120 4.1 2.6 3.8#
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 50.71 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048671.D
Acq: 12 Apr 2021 21:56

Tgt Ion:244 Resp: 385536
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 5.3 5.8 8.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.016 min
 Lab File: BG048671.D
 Acq: 12 Apr 2021 21:56

Instrument :
 BNA_G
 ClientSampleId :
 SED-1B

Tgt Ion:264	Resp:	136889
Ion	Ratio	Lower Upper
264	100	
260	22.4	19.1 28.7
265	21.3	16.1 24.1

