

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048551.D
 Acq On : 1 Apr 2021 19:49
 Operator : CG/JU
 Sample : M1857-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-2-A(4-4.5)

Quant Time: Apr 02 03:04:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

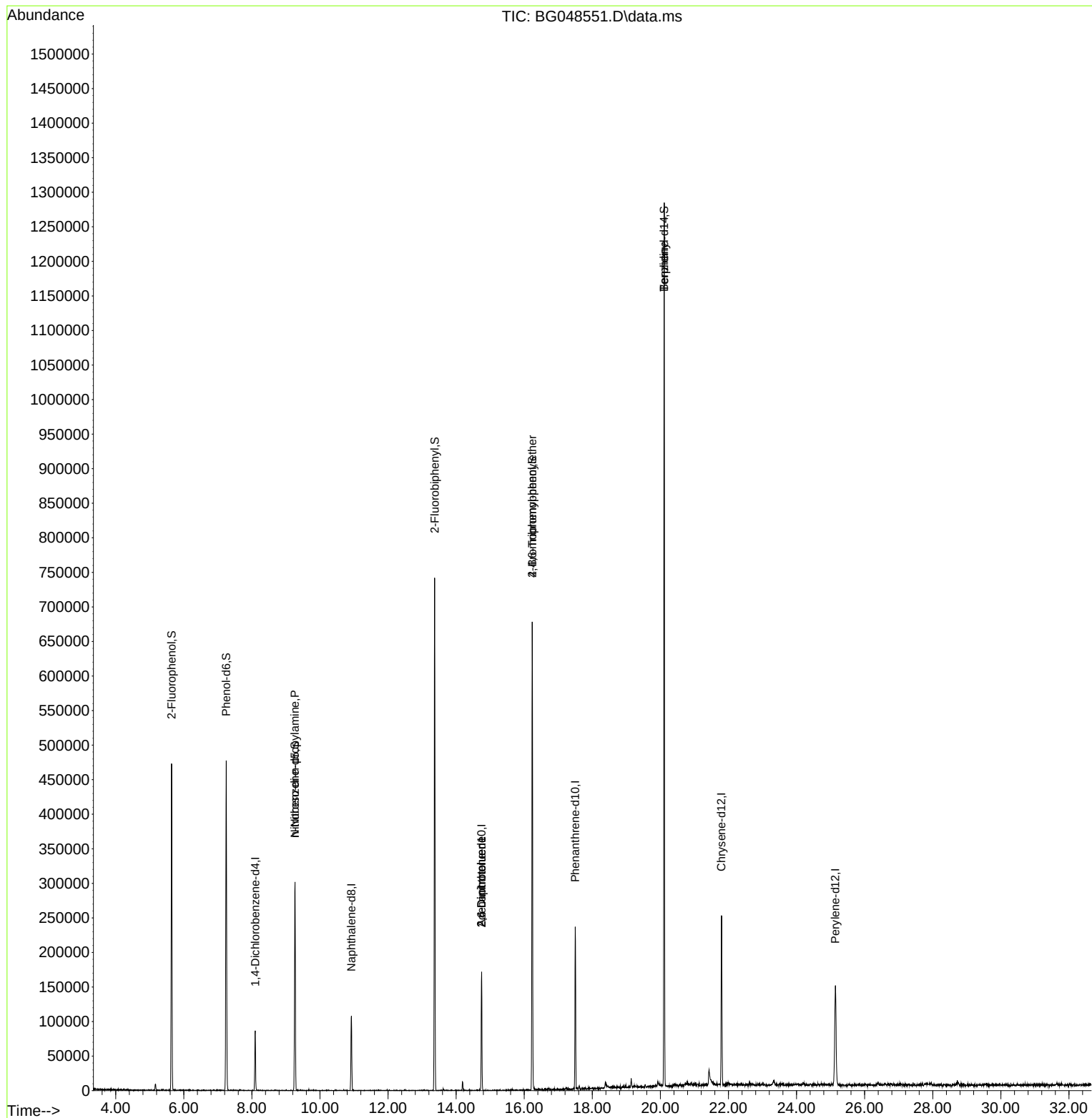
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	22274	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	90069	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	61387	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	143474	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	160317	20.00	ng	#-0.01
86) Perylene-d12	25.137	264	163096	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	190196	150.75	ng	0.00
7) Phenol-d6	7.246	99	245702	134.28	ng	0.00
23) Nitrobenzene-d5	9.267	82	173997	93.53	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	115577	143.23	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	366053	88.63	ng	-0.01
79) Terphenyl-d14	20.113	244	595876	67.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	27108	21.49	ng	# 74
51) 2,6-Dinitrotoluene	14.749	165	8578	8.23	ng	# 20
57) 2,4-Dinitrotoluene	14.749	165	8578	5.82	ng	# 25
67) 4-Bromophenyl-phenylether	16.236	248	8340	5.24	ng	# 1
77) Benzidine	20.113	184	11379	2.10	ng	# 90

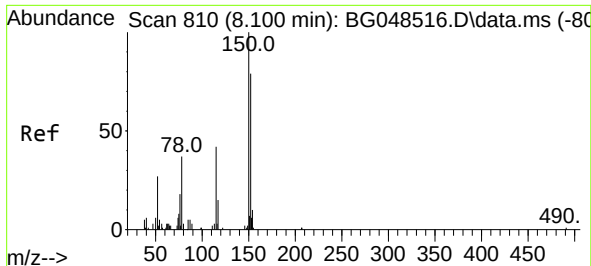
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :
PE-2-A(4-4.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

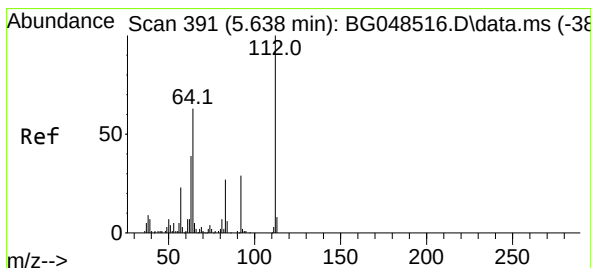
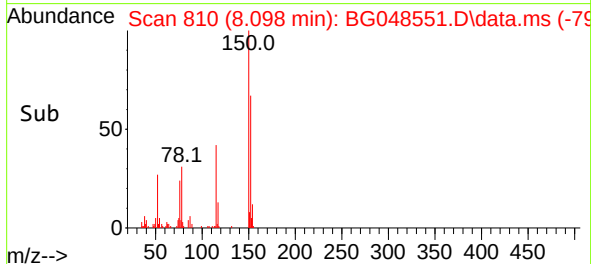
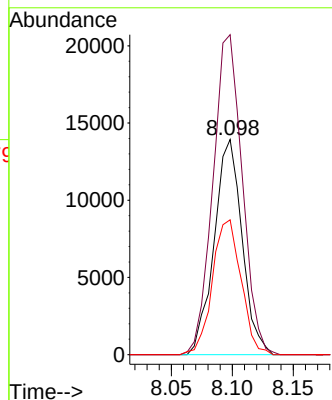
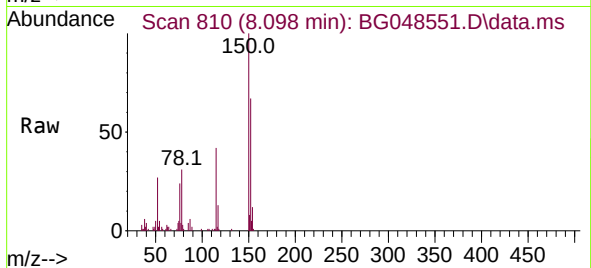




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.098 min Scan# 810
Delta R.T. -0.006 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

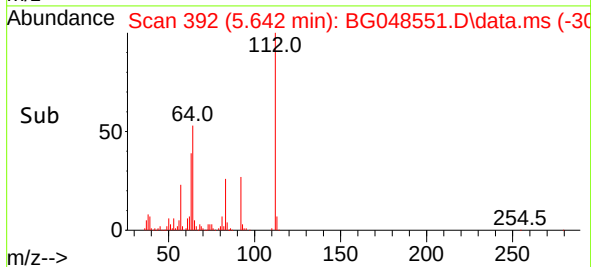
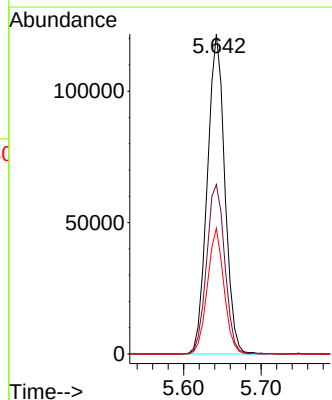
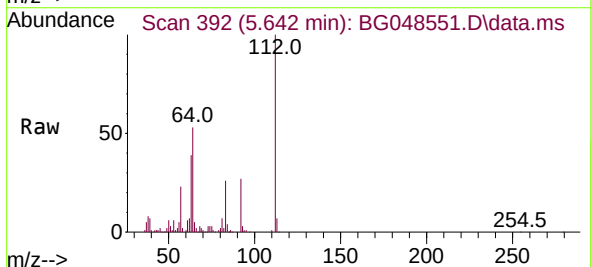
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

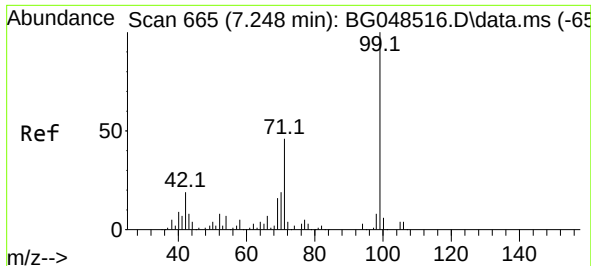
Tgt Ion:152 Resp: 22274
Ion Ratio Lower Upper
152 100
150 148.7 101.3 151.9
115 62.7 42.3 63.5



#5
2-Fluorophenol
Concen: 150.75 ng
RT: 5.642 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion:112 Resp: 190196
Ion Ratio Lower Upper
112 100
64 52.9 50.4 75.6
63 39.3 31.4 47.2

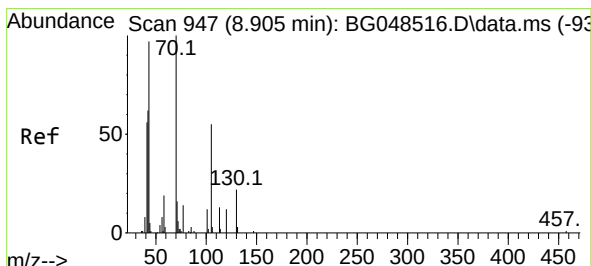
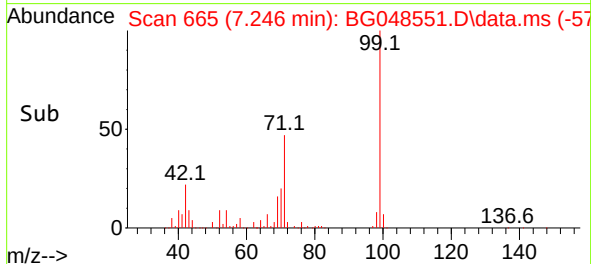
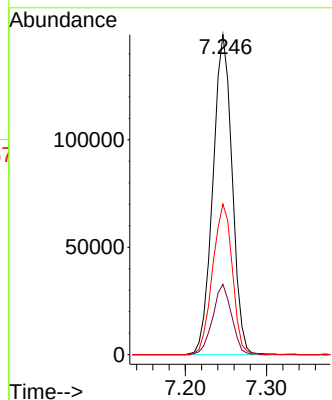
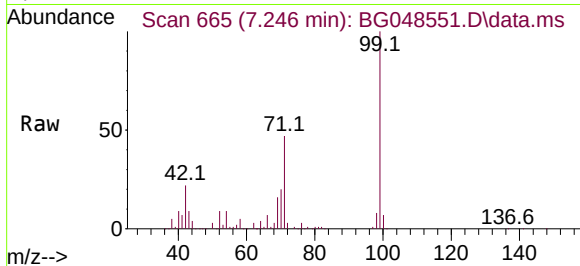




#7
Phenol-d6
Concen: 134.28 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

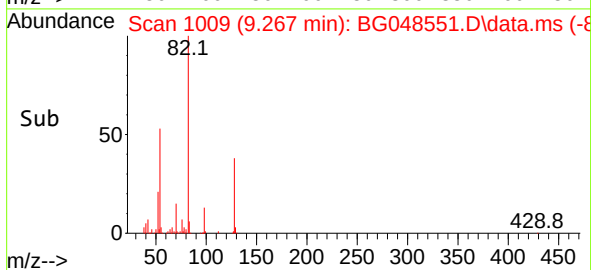
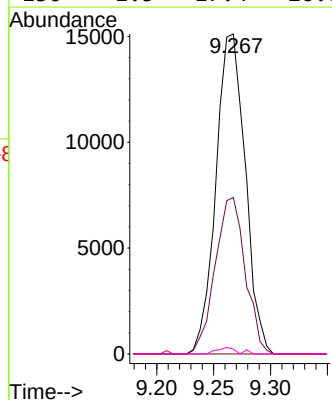
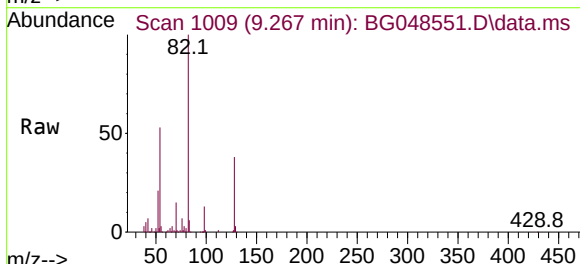
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

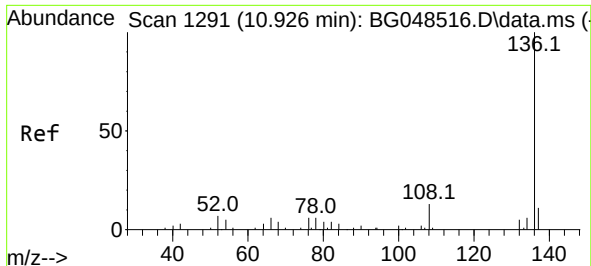
Tgt Ion: 99 Resp: 245702
Ion Ratio Lower Upper
99 100
42 22.0 15.5 23.3
71 47.1 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.49 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.359 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion: 70 Resp: 27108
Ion Ratio Lower Upper
70 100
42 48.9 50.8 76.2#
101 0.0 9.7 14.5#
130 1.5 17.4 26.0#

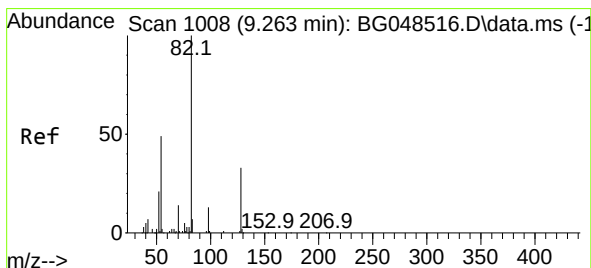
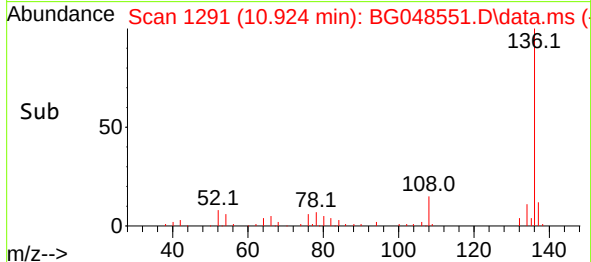
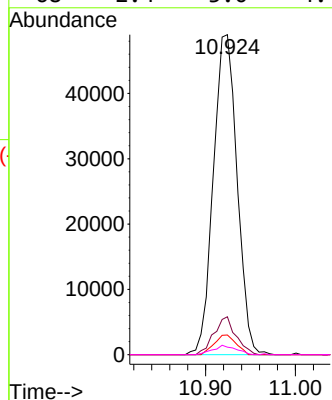
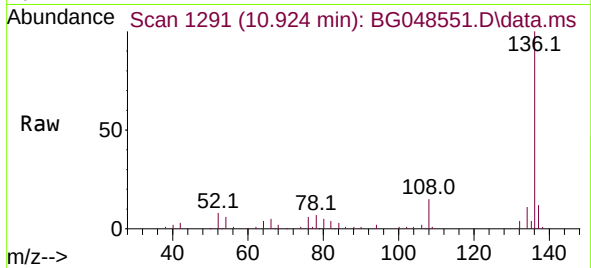




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

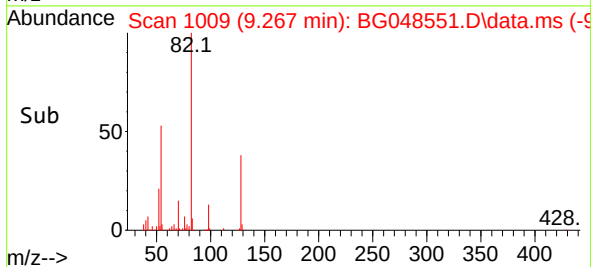
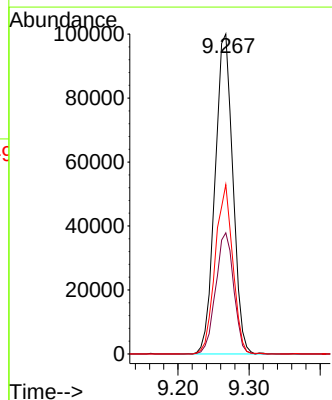
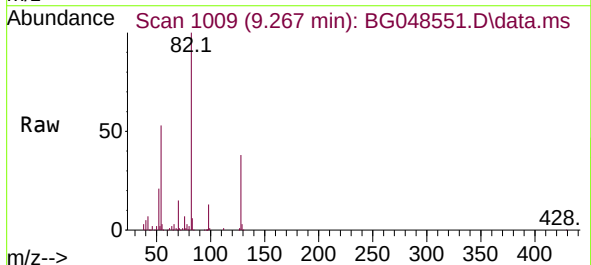
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

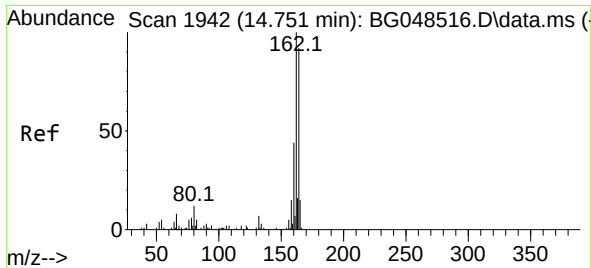
Tgt Ion:	136	Resp:	90069
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	12.8
54	6.2	4.2	6.4
68	2.4	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 93.53 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion:	82	Resp:	173997
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.2	39.4
54	52.9	38.9	58.3



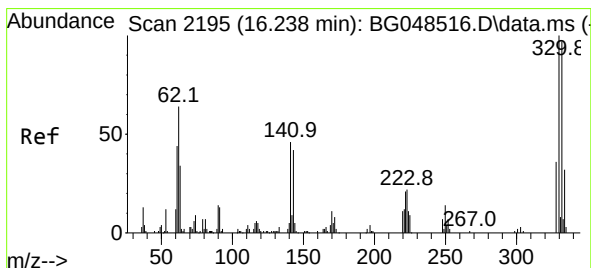
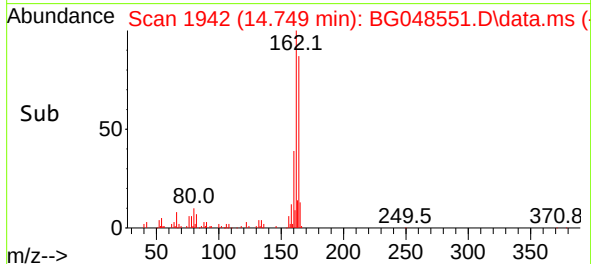
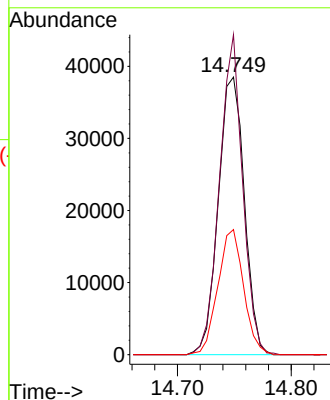
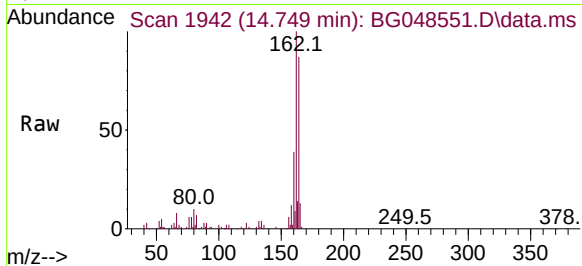


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

Tgt Ion:164 Resp: 61387

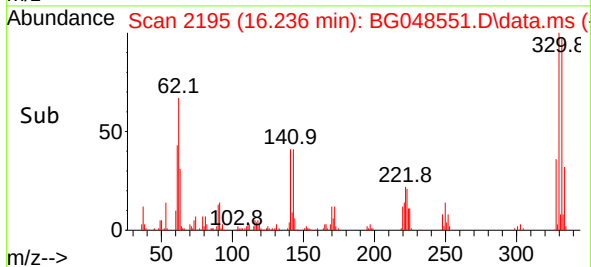
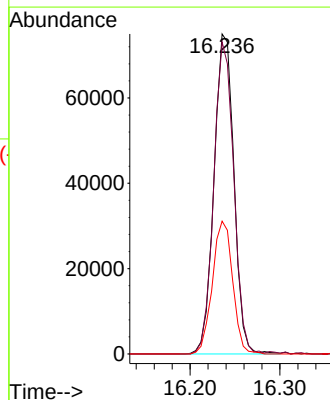
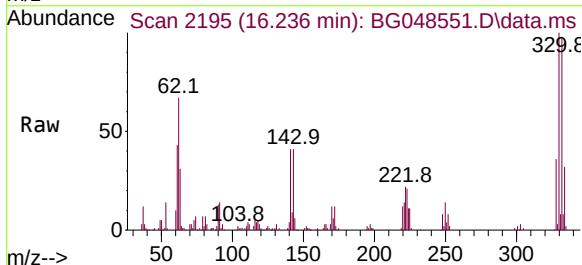
Ion	Ratio	Lower	Upper
164	100		
162	115.3	87.0	130.6
160	45.1	38.4	57.6

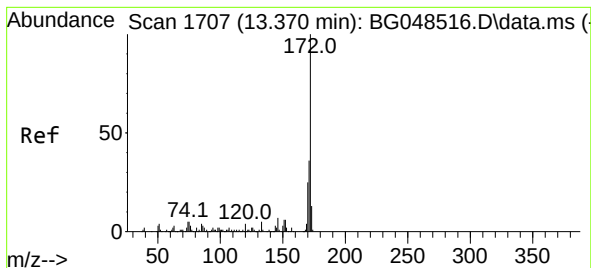


#42
2,4,6-Tribromophenol
Concen: 143.23 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion:330 Resp: 115577

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.6	116.4
141	42.2	34.6	52.0

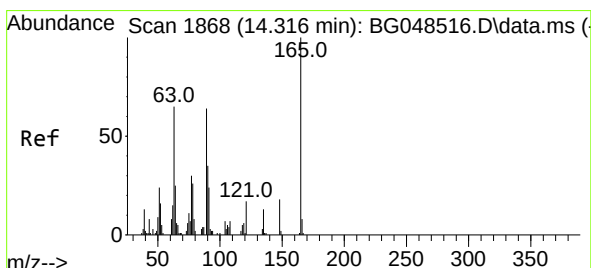
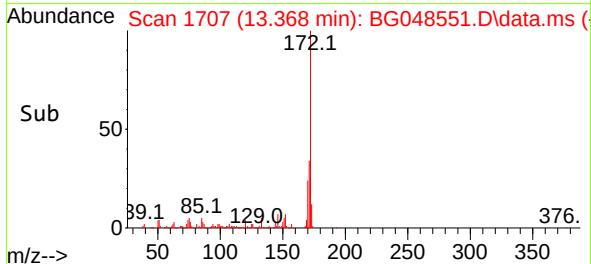
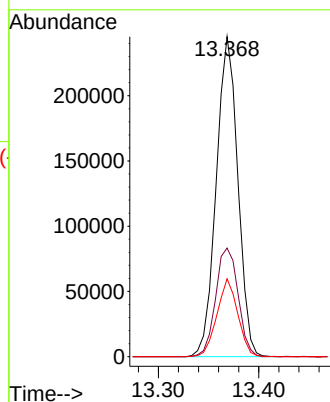
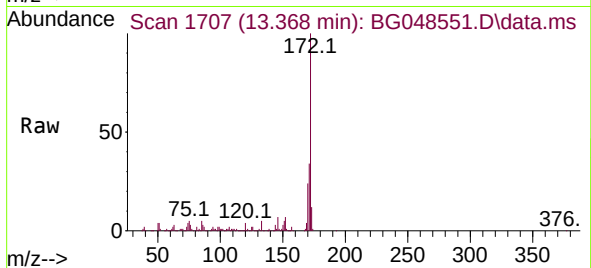




#45
2-Fluorobiphenyl
Concen: 88.63 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.011 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

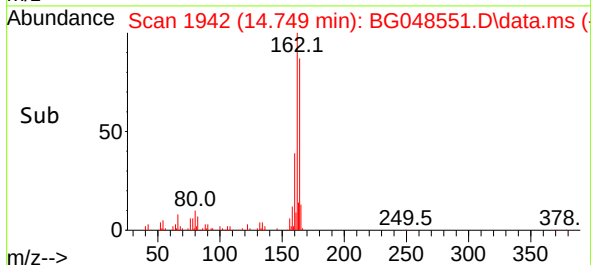
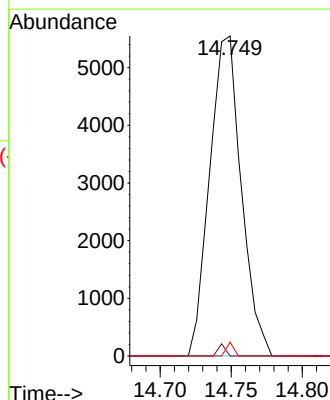
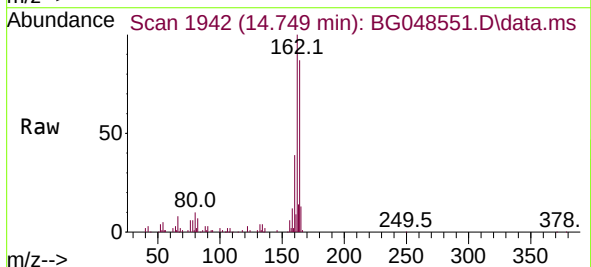
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

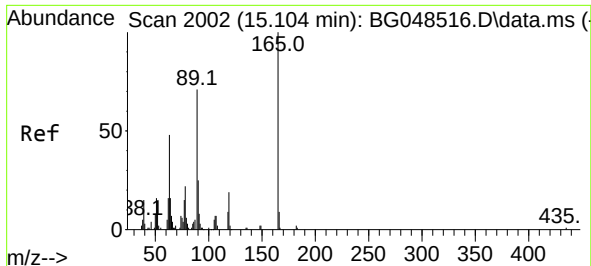
Tgt Ion:172 Resp: 366053
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 24.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

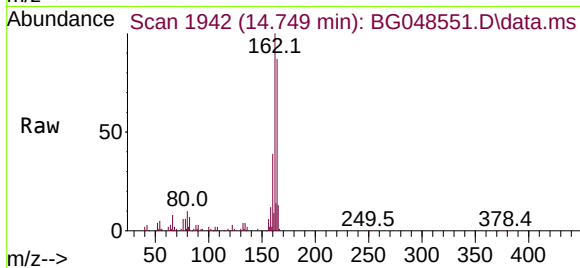
Tgt Ion:165 Resp: 8578
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 4.3 50.8 76.2#



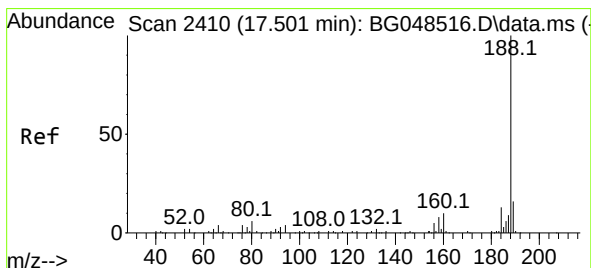
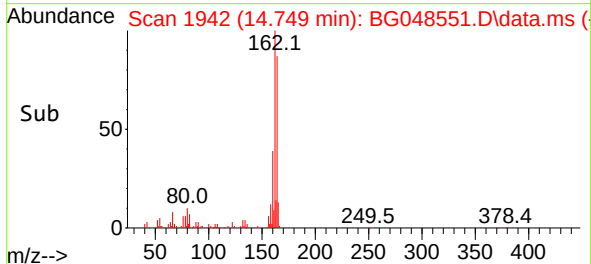
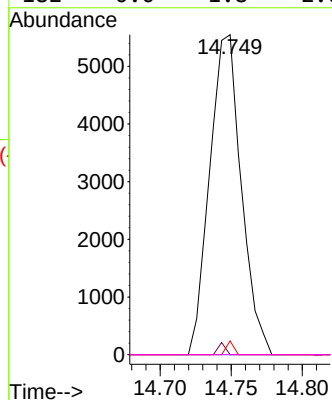


#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.358 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

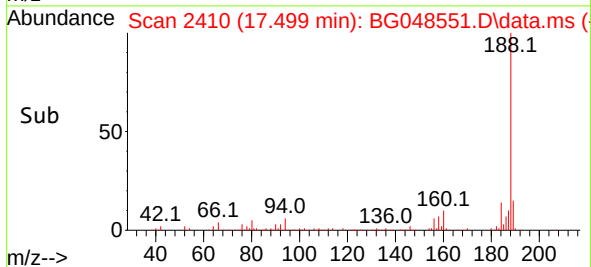
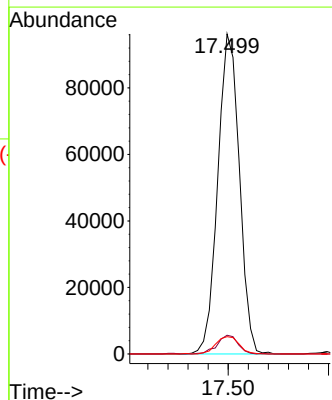
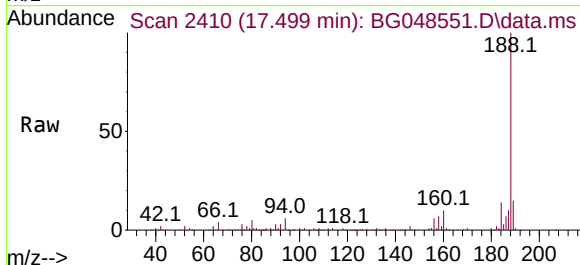


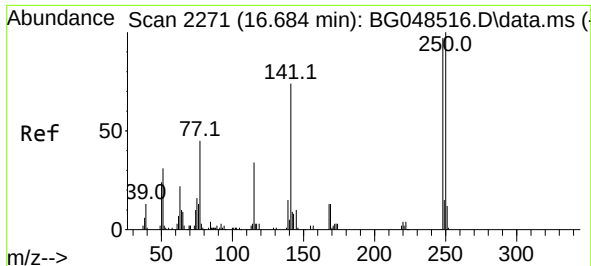
Tgt Ion:165 Resp: 8578
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 4.3 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion:188 Resp: 143474
Ion Ratio Lower Upper
188 100
94 5.8 3.0 4.6#
80 5.4 4.5 6.7

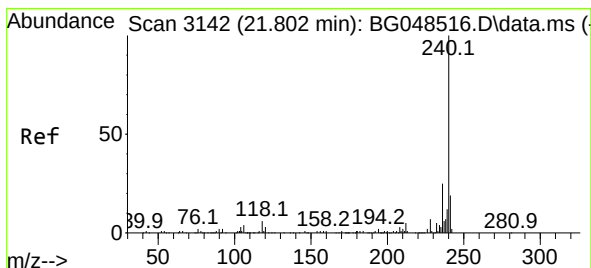
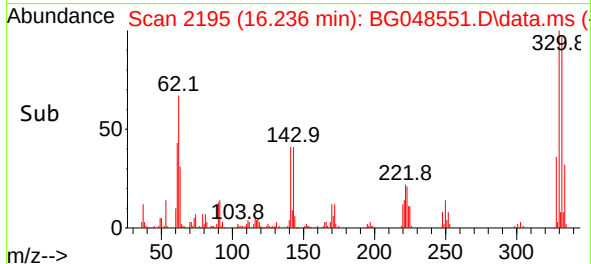
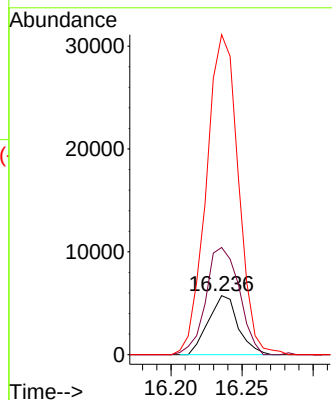
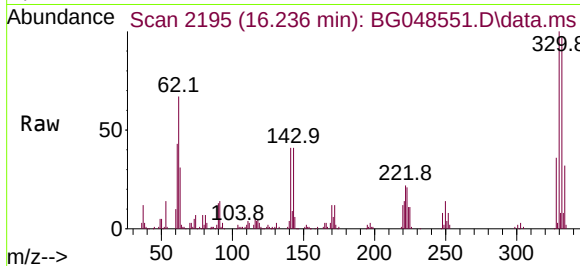




#67
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.452 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

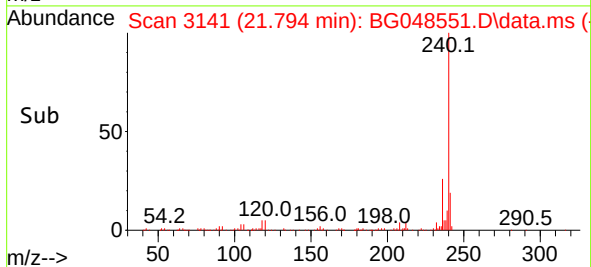
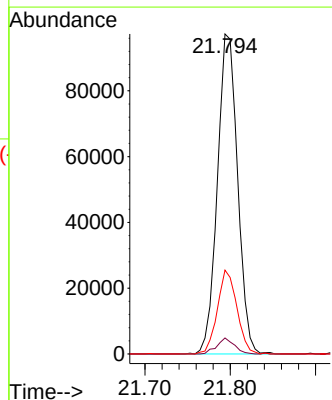
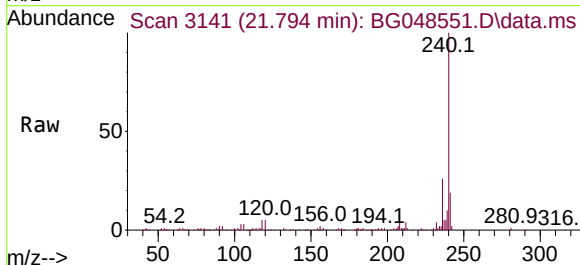
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

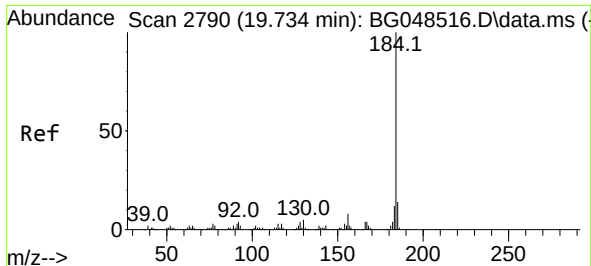
Tgt Ion:248 Resp: 8340
Ion Ratio Lower Upper
248 100
250 181.6 82.6 124.0#
141 542.0 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.011 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

Tgt Ion:240 Resp: 160317
Ion Ratio Lower Upper
240 100
120 5.0 2.6 3.8#
236 26.2 19.8 29.6

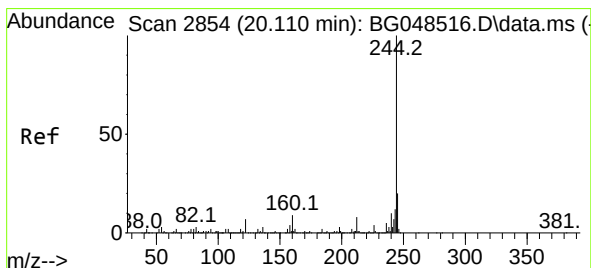
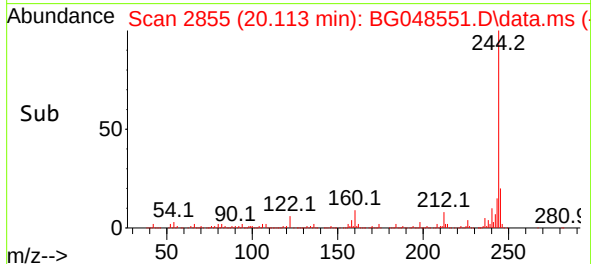
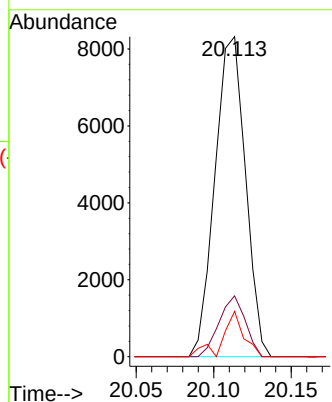
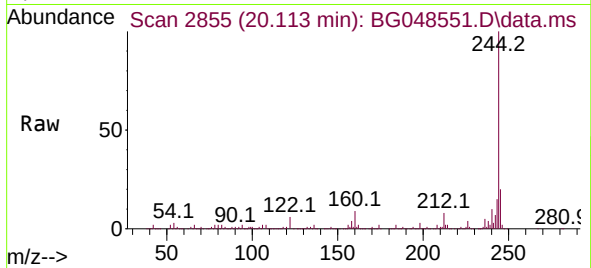




#77
Benzidine
Concen: 2.10 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.382 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

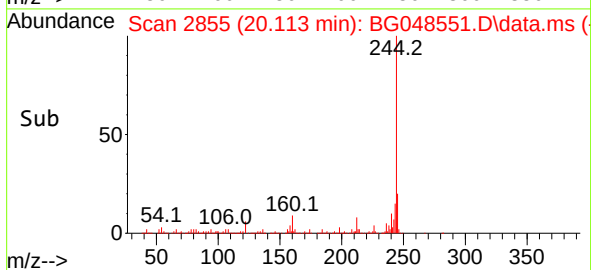
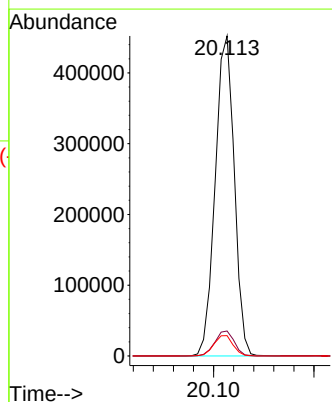
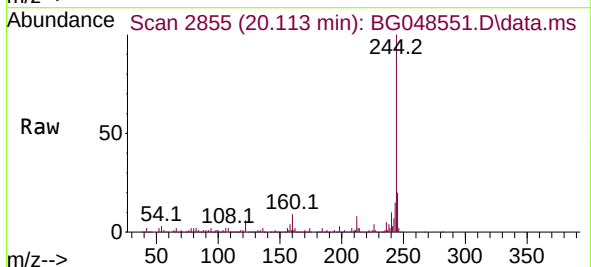
Instrument :
BNA_G
ClientSampleId :
PE-2-A(4-4.5)

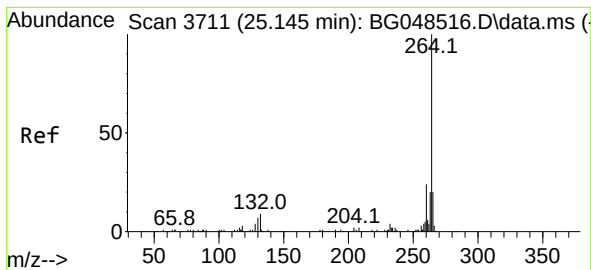
Tgt Ion:184 Resp: 11379
Ion Ratio Lower Upper
184 100
185 19.0 11.0 16.4#
183 14.2 9.2 13.8#



#79
Terphenyl-d14
Concen: 67.97 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BG048551.D
Acq: 1 Apr 2021 19:49

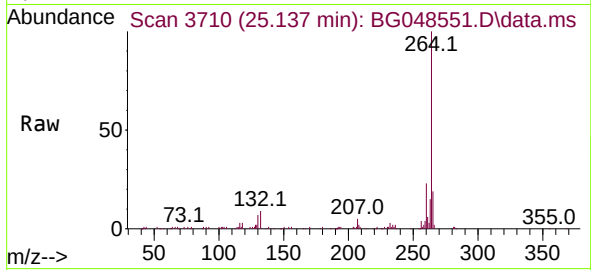
Tgt Ion:244 Resp: 595876
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.3 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.137 min Scan# 3710
 Delta R.T. -0.011 min
 Lab File: BG048551.D
 Acq: 1 Apr 2021 19:49

Instrument :
 BNA_G
 ClientSampleId :
 PE-2-A(4-4.5)



Tgt Ion:264 Resp: 163096

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	19.5	16.1	24.1

