

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048837.D
 Acq On : 22 Apr 2021 2:51
 Operator : CG/JU
 Sample : M2045-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124-GW-2

Quant Time: Apr 22 03:50:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

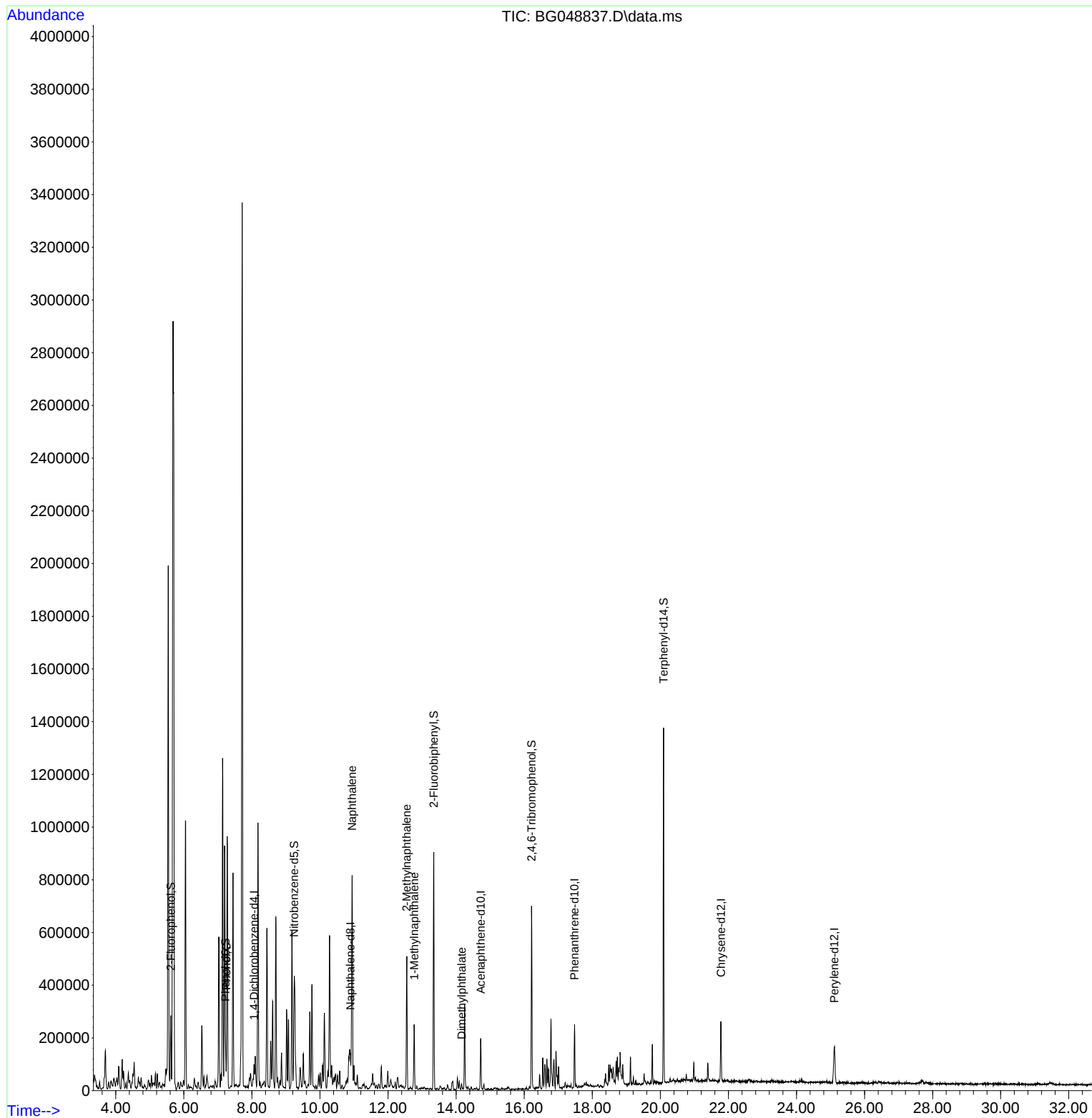
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	22336	20.00	ng	# 0.00
21) Naphthalene-d8	10.893	136	92548	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	66456	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	141124	20.00	ng	0.00
76) Chrysene-d12	21.780	240	131235	20.00	ng	0.00
86) Perylene-d12	25.112	264	132542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	83231	62.32	ng	0.01
7) Phenol-d6	7.227	99	66526	35.22	ng	0.00
23) Nitrobenzene-d5	9.242	82	195361	94.51	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	109749	123.17	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	440774	95.78	ng	0.00
79) Terphenyl-d14	20.094	244	582918	76.45	ng	0.00
Target Compounds						
10) Phenol	7.256	94	6718	3.62	ng	# 35
31) Naphthalene	10.946	128	557608	117.42	ng	98
37) 2-Methylnaphthalene	12.550	142	220764	58.17	ng	98
38) 1-Methylnaphthalene	12.768	142	107804	30.53	ng	96
50) Dimethylphthalate	14.166	163	12676	2.54	ng	98

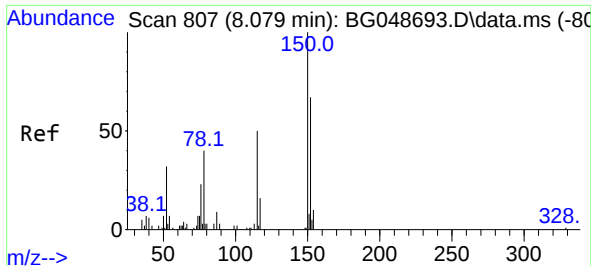
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

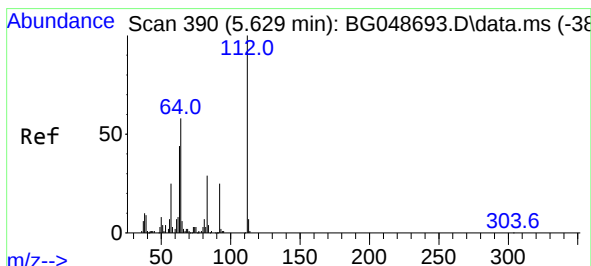
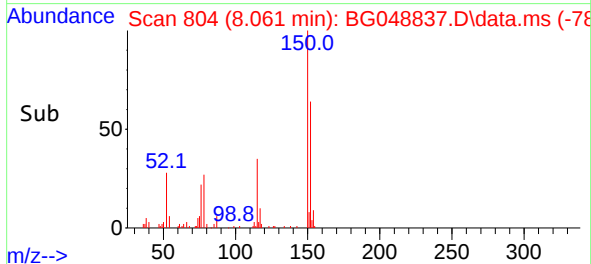
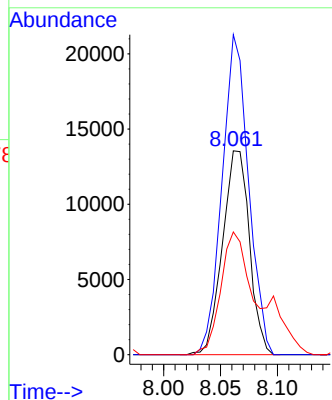
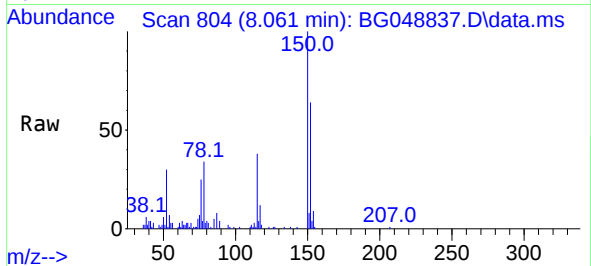




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

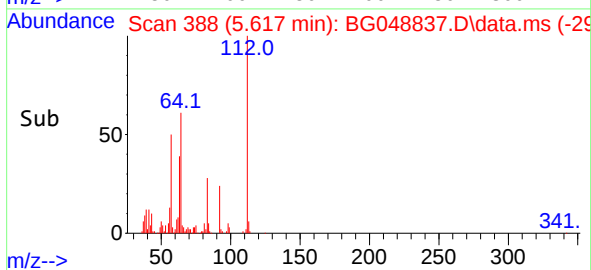
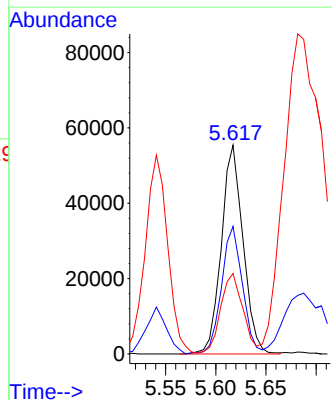
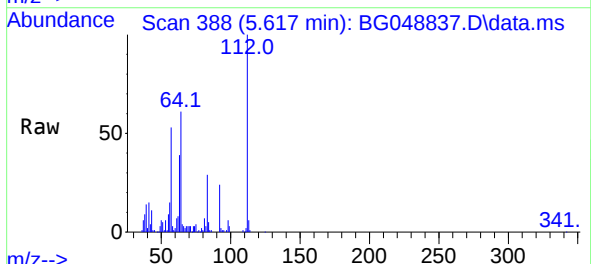
Instrument :
BNA_G
ClientSampleId :
124-GW-2

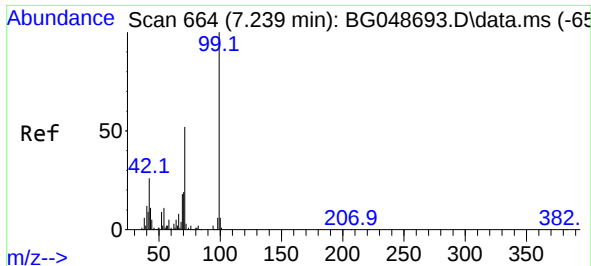
Tgt Ion:152 Resp: 22336
Ion Ratio Lower Upper
152 100
150 157.0 119.4 179.0
115 60.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 62.32 ng
RT: 5.617 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:112 Resp: 83231
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 38.6 35.3 52.9

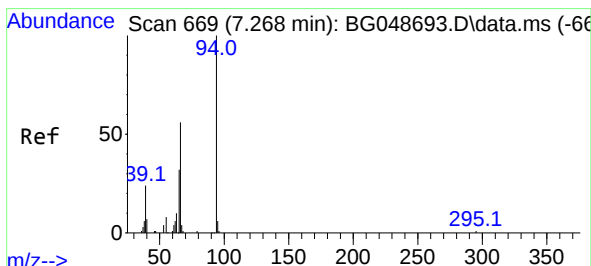
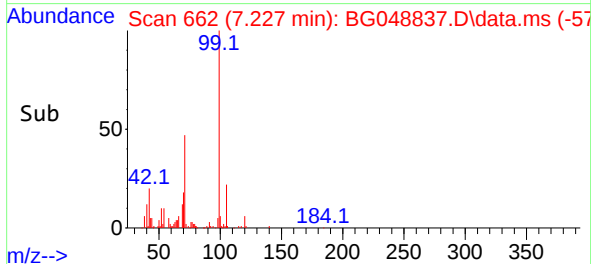
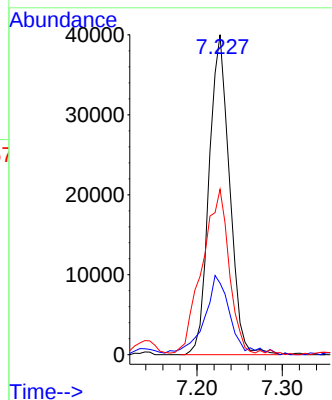
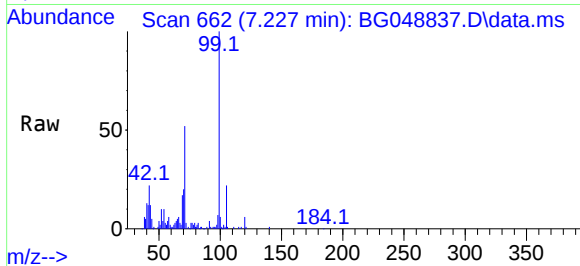




#7
Phenol-d6
Concen: 35.22 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

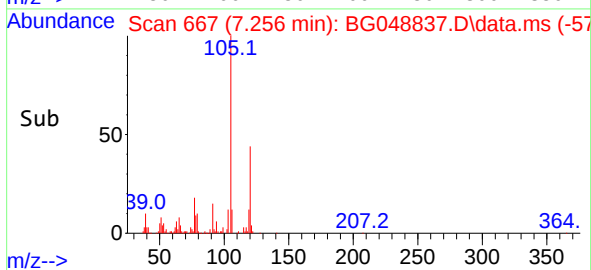
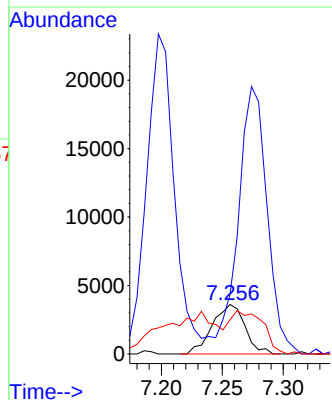
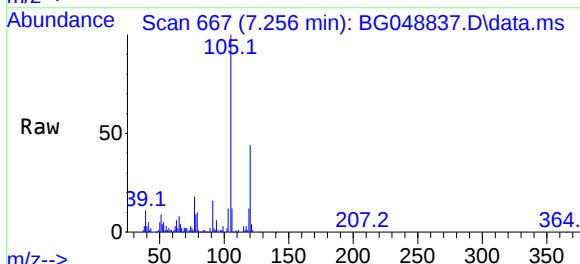
Instrument :
BNA_G
ClientSampleId :
124-GW-2

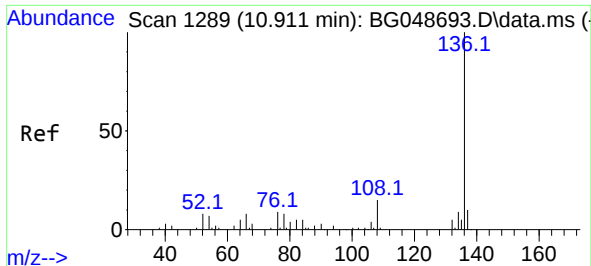
Tgt Ion:	99	Resp:	66526
Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.5	30.7
71	51.7	41.5	62.3



#10
Phenol
Concen: 3.62 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:	94	Resp:	6718
Ion	Ratio	Lower	Upper
94	100		
65	121.5	12.9	52.9#
66	69.7	39.4	79.4

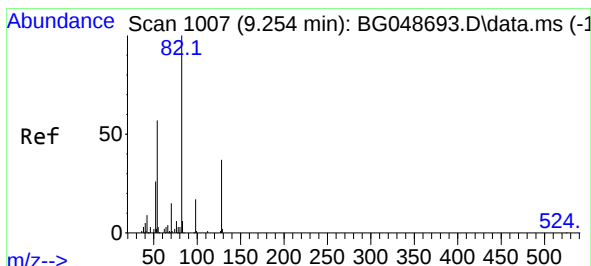
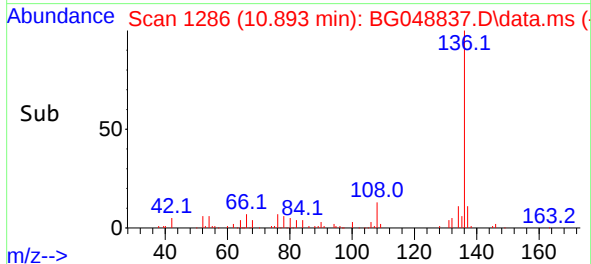
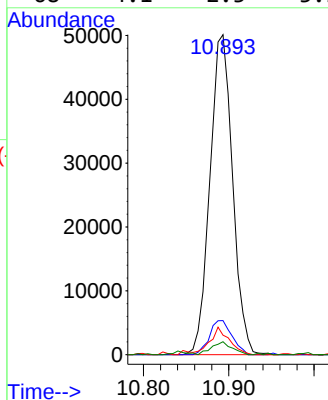
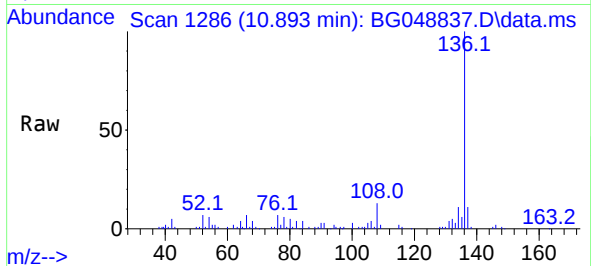




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.893 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

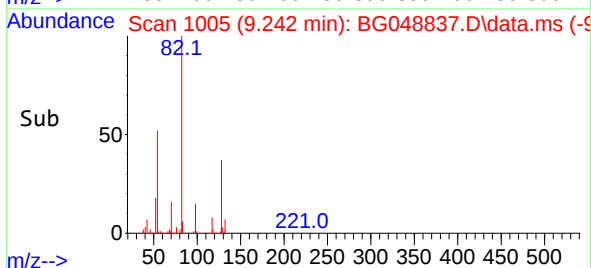
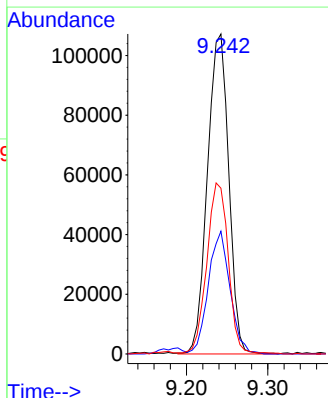
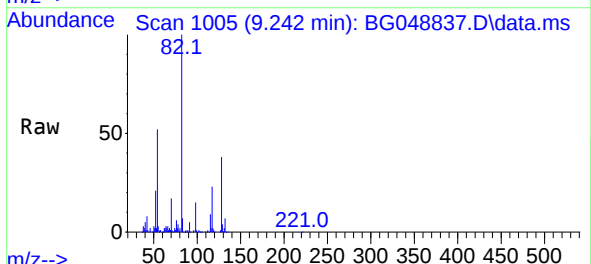
Instrument :
BNA_G
ClientSampleId :
124-GW-2

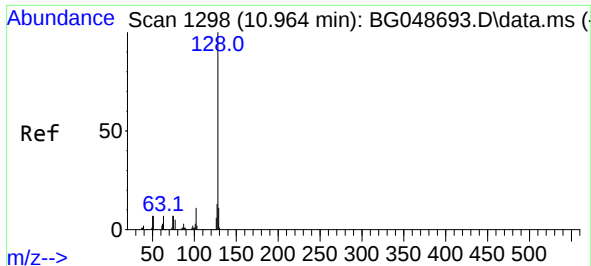
Tgt Ion:	136	Resp:	92548
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	6.1	5.5	8.3
68	4.1	2.3	3.5



#23
Nitrobenzene-d5
Concen: 94.51 ng
RT: 9.242 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:	82	Resp:	195361
Ion Ratio	Lower	Upper	
82	100		
128	38.3	29.8	44.6
54	51.8	45.8	68.8

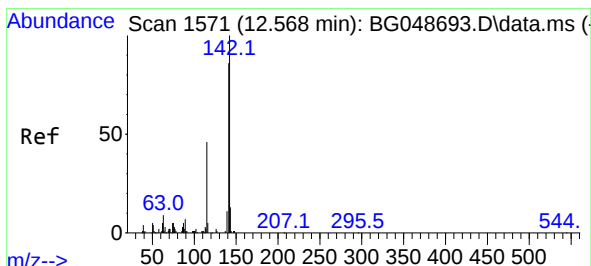
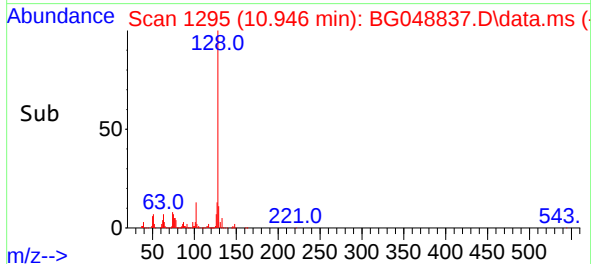
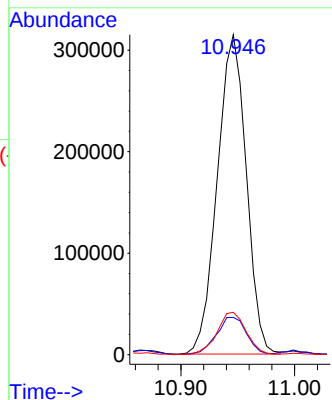
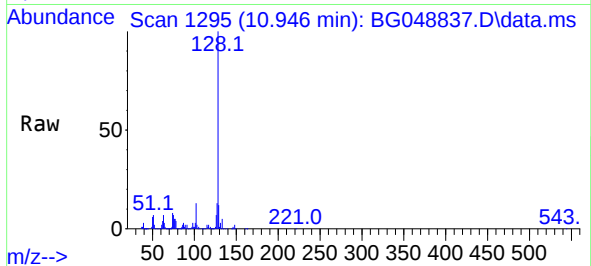




#31
Naphthalene
Concen: 117.42 ng
RT: 10.946 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

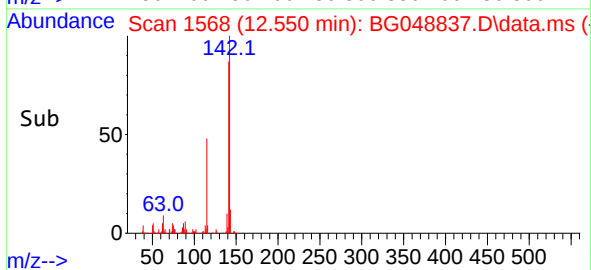
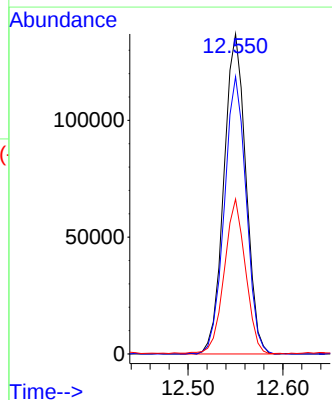
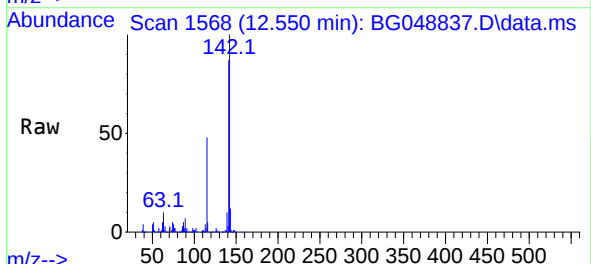
Instrument :
BNA_G
ClientSampleId :
124-GW-2

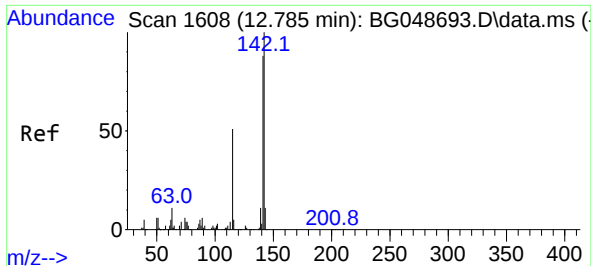
Tgt Ion:128	Resp: 557608
Ion Ratio	Lower Upper
128	100
129	11.7 8.5 12.7
127	13.3 10.2 15.4



#37
2-Methylnaphthalene
Concen: 58.17 ng
RT: 12.550 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:142	Resp: 220764
Ion Ratio	Lower Upper
142	100
141	86.7 68.8 103.2
115	48.4 36.4 54.6

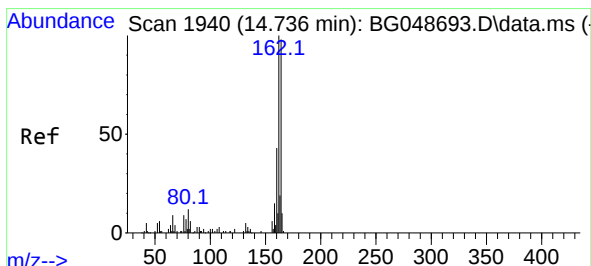
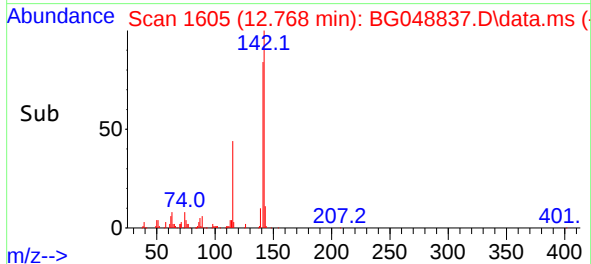
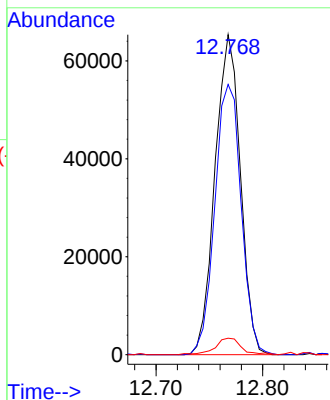
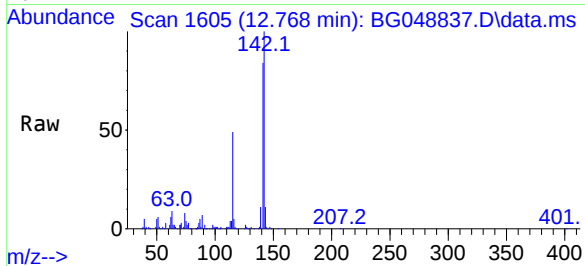




#38
1-Methylnaphthalene
Concen: 30.53 ng
RT: 12.768 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

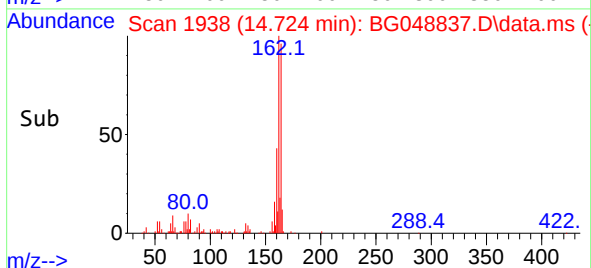
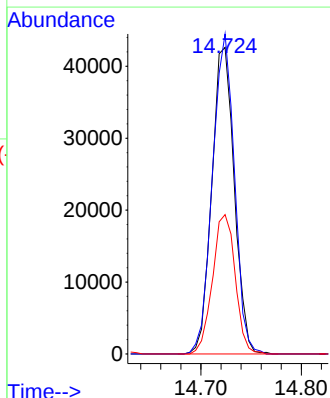
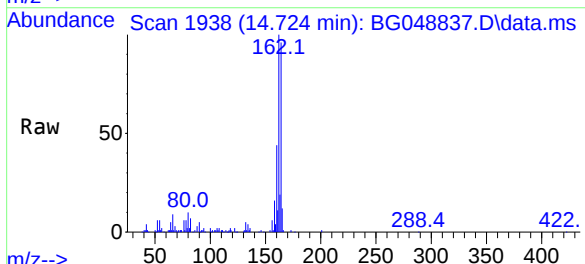
Instrument :
BNA_G
ClientSampleId :
124-GW-2

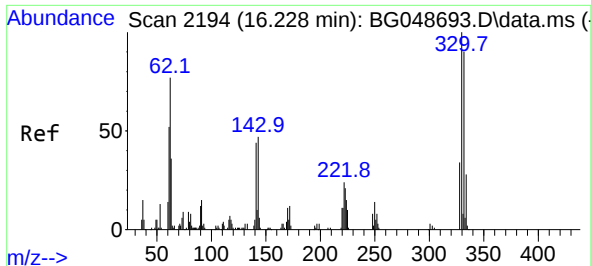
Tgt Ion:142 Resp: 107804
Ion Ratio Lower Upper
142 100
141 84.5 70.6 106.0
116 5.2 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:164 Resp: 66456
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.5 34.9 52.3

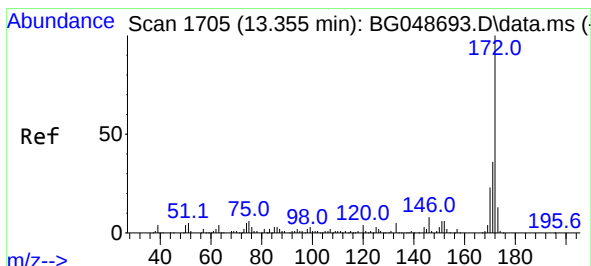
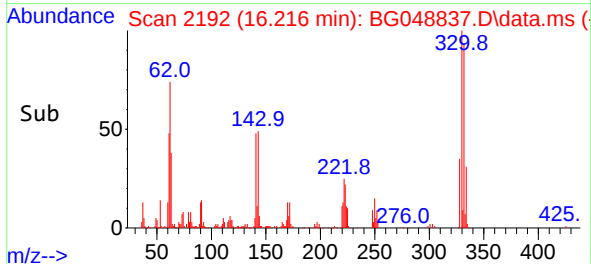
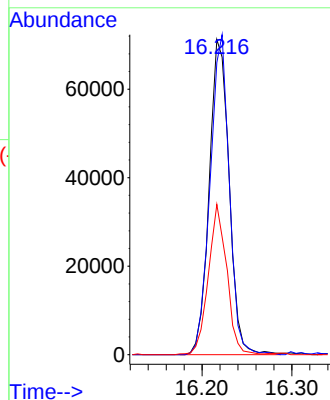
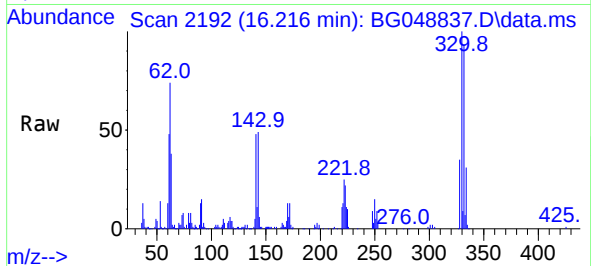




#42
2,4,6-Tribromophenol
Concen: 123.17 ng
RT: 16.216 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

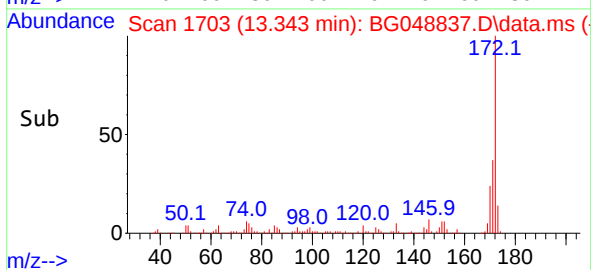
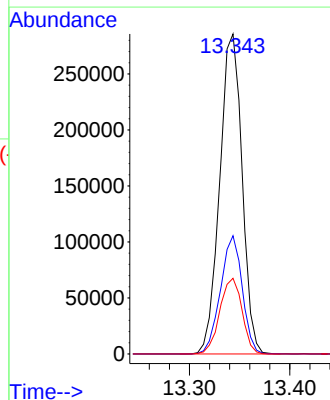
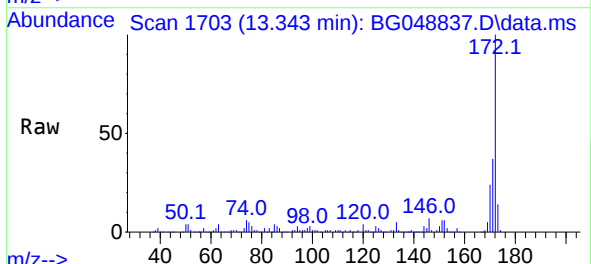
Instrument :
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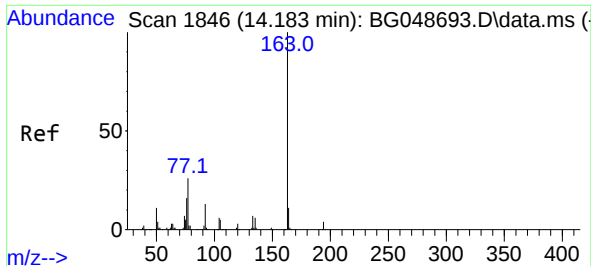
Tgt Ion:330 Resp: 109749
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 44.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 13.343 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:172 Resp: 440774
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.6 18.6 27.8

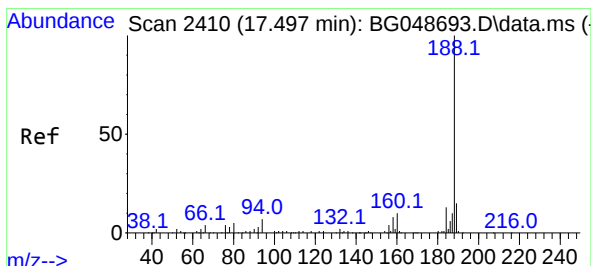
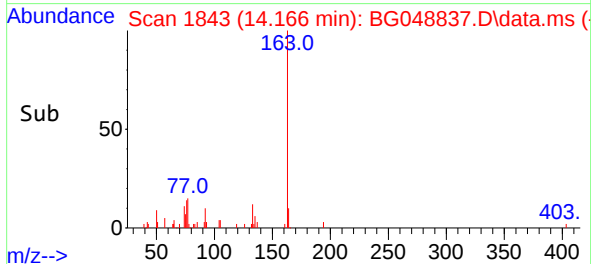
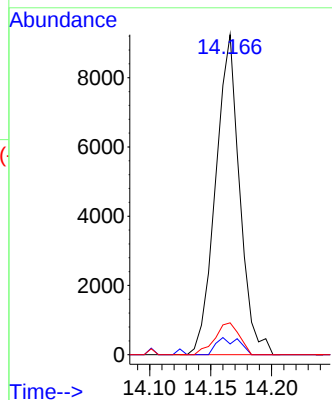
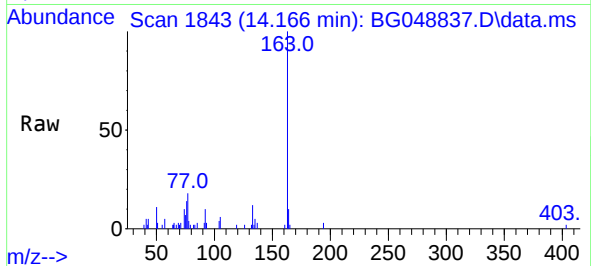




#50
Dimethylphthalate
Concen: 2.54 ng
RT: 14.166 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

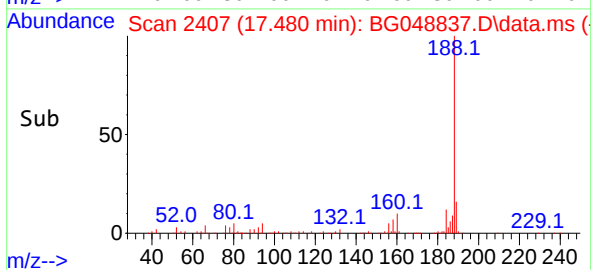
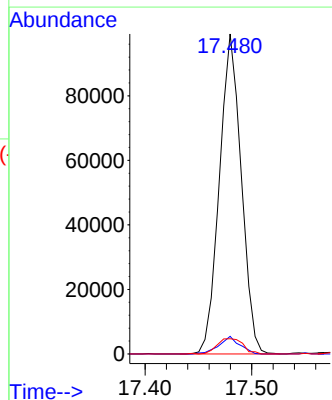
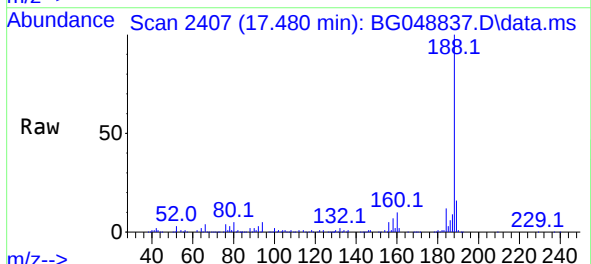
Instrument :
BNA_G
ClientSampleId :
124-GW-2

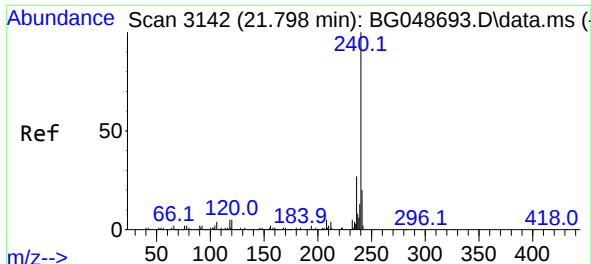
Tgt Ion:163	Resp:	12676
Ion Ratio	Lower	Upper
163	100	
194	3.3	3.0 4.6
164	10.0	8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Tgt Ion:188	Resp:	141124
Ion Ratio	Lower	Upper
188	100	
94	5.5	5.4 8.0
80	4.8	3.7 5.5

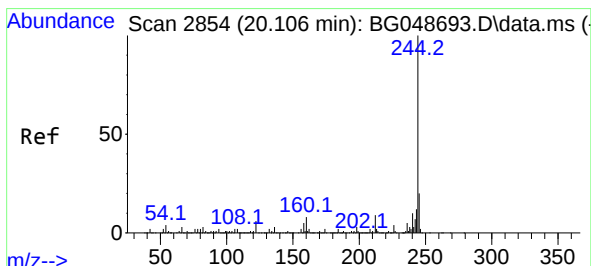
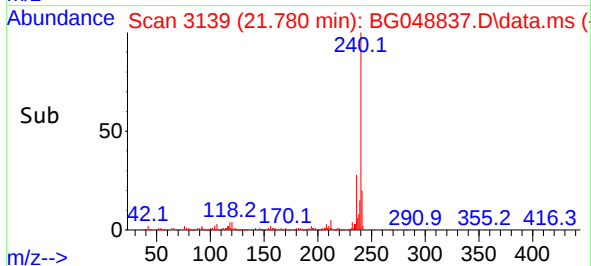
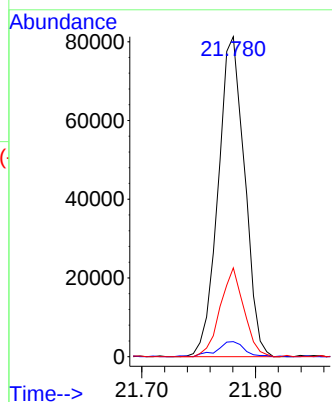
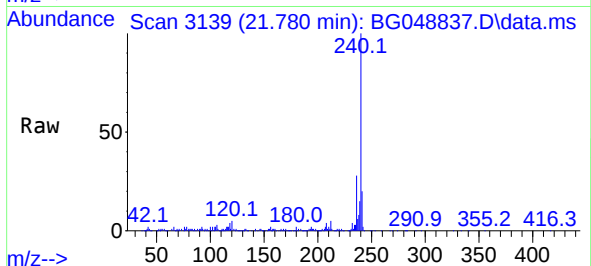




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

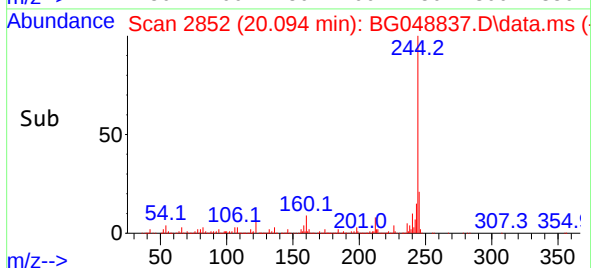
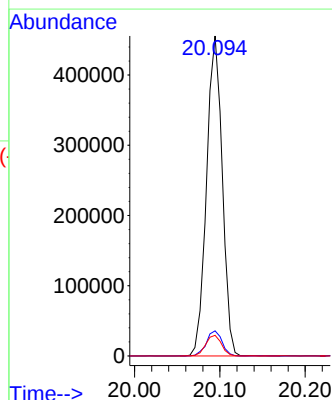
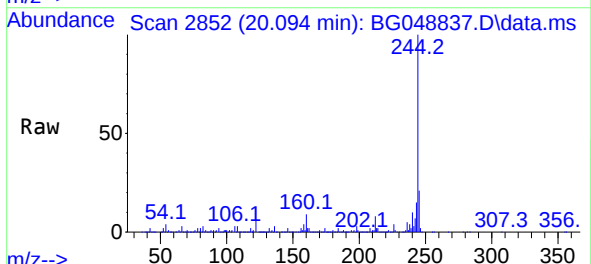
Instrument :
BNA_G
ClientSampleId :
124-GW-2

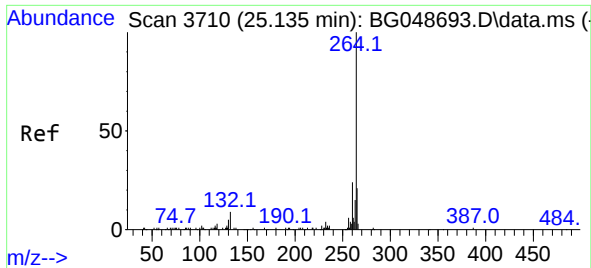
Tgt Ion:	240	Resp:	131235
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	27.7	21.8	32.6



#79
Terphenyl-d14
Concen: 76.45 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

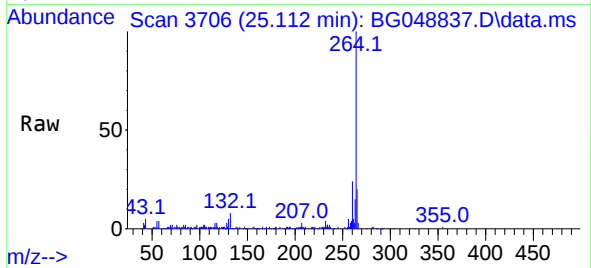
Tgt Ion:	244	Resp:	582918
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.9	10.3
122	6.4	5.0	7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.112 min Scan# 3706
Delta R.T. 0.000 min
Lab File: BG048837.D
Acq: 22 Apr 2021 2:51

Instrument :
BNA_G
ClientSampleId :
124-GW-2



Tgt Ion:264 Resp: 132542
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 19.7 16.9 25.3

