

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048732.D
 Acq On : 16 Apr 2021 20:07
 Operator : CG/JU
 Sample : M2042-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB12A

Quant Time: Apr 17 04:20:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

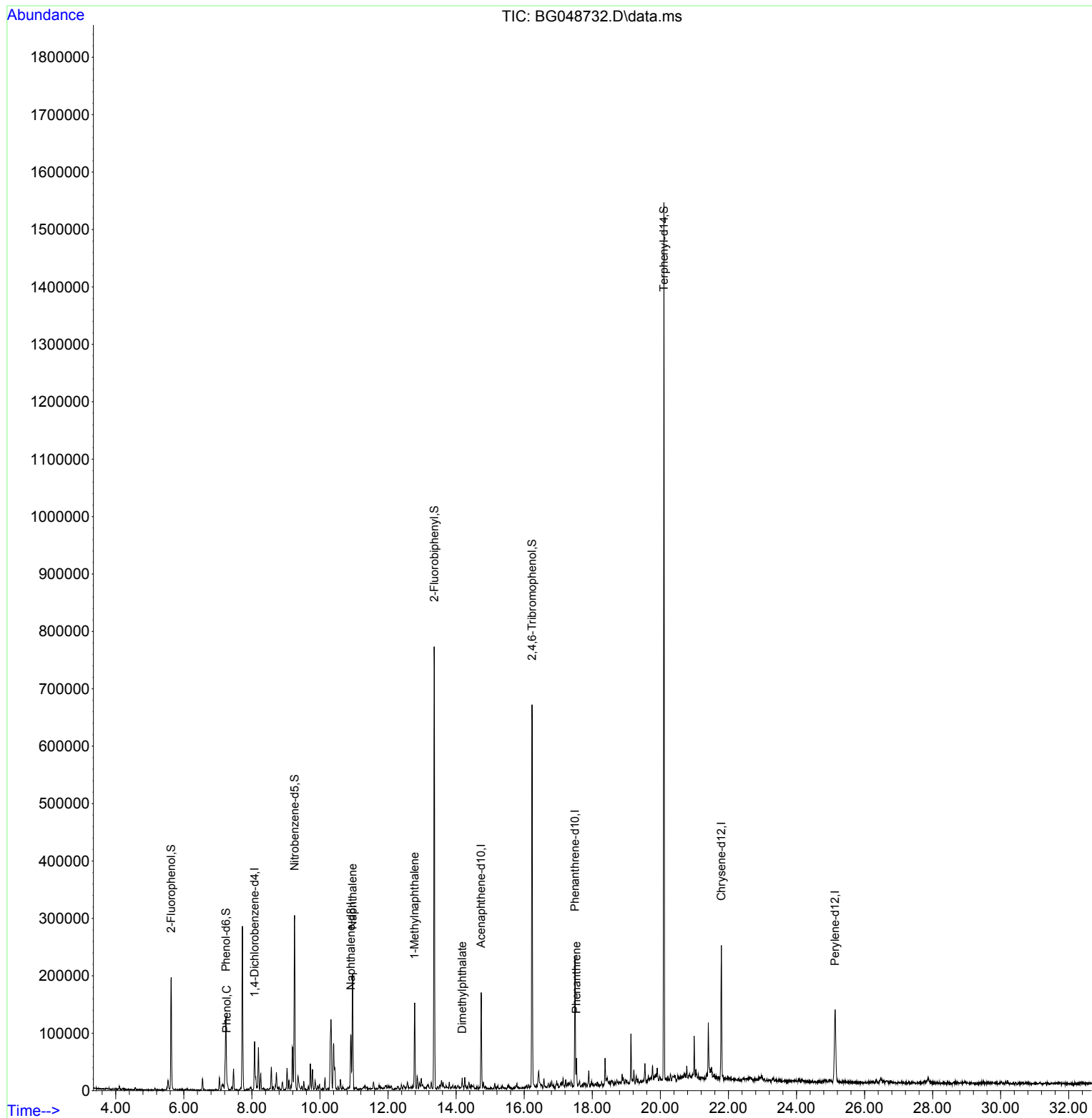
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	19107	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	79216	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	55850	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	136476	20.00	ng	0.00
76) Chrysene-d12	21.792	240	135895	20.00	ng	0.00
86) Perylene-d12	25.129	264	137811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	78854	69.02	ng	0.00
7) Phenol-d6	7.238	99	58704	36.33	ng	0.00
23) Nitrobenzene-d5	9.254	82	170989	96.64	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	113158	151.11	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	370344	95.76	ng	0.00
79) Terphenyl-d14	20.106	244	663622	84.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.262	94	4058	2.55	ng	89
31) Naphthalene	10.958	128	158281	38.94	ng	98
38) 1-Methylnaphthalene	12.779	142	65254	21.59	ng	# 93
50) Dimethylphthalate	14.177	163	8555	2.04	ng	97
71) Phenanthrene	17.532	178	27966	3.95	ng	# 93

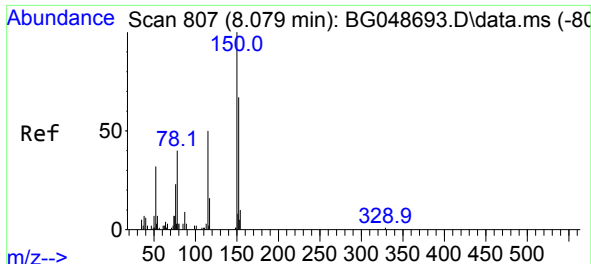
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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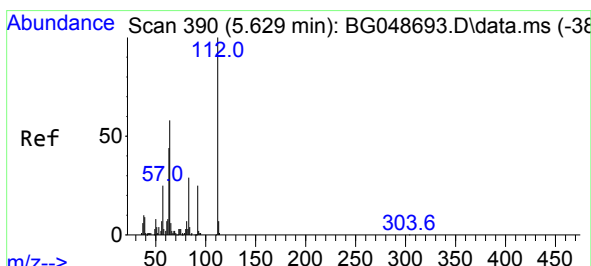
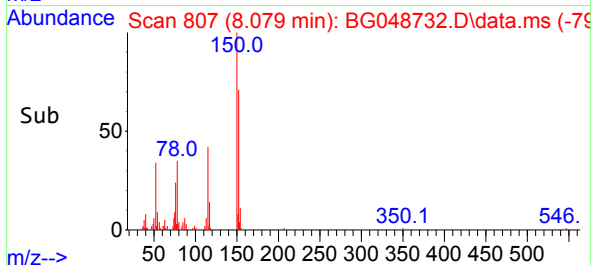
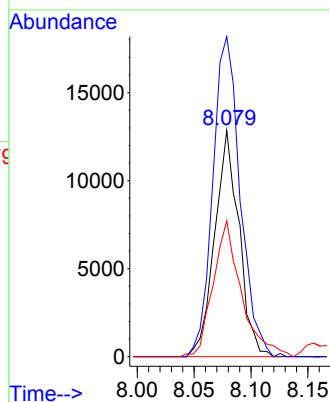
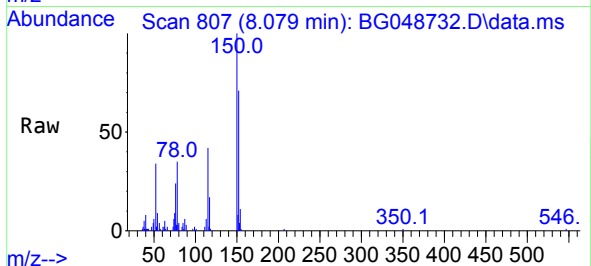




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

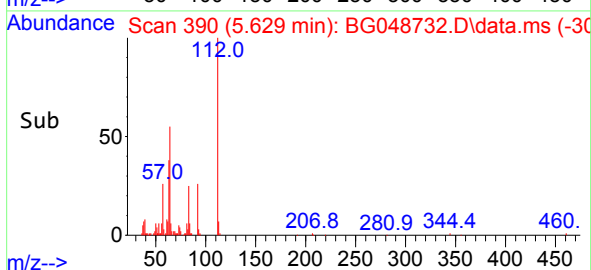
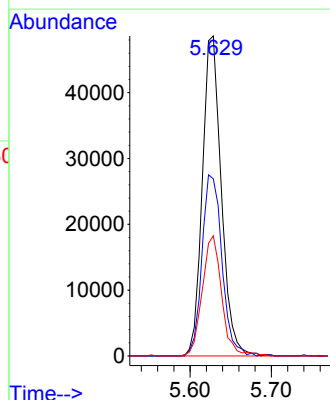
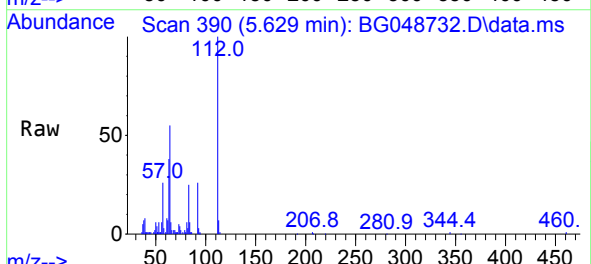
Instrument :
BNA_G
ClientSampleId :
FS-SB12A

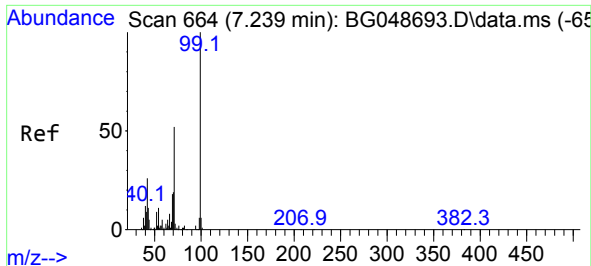
Tgt Ion:152 Resp: 19107
Ion Ratio Lower Upper
152 100
150 141.4 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 69.02 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:112 Resp: 78854
Ion Ratio Lower Upper
112 100
64 55.3 46.7 70.1
63 37.6 35.3 52.9

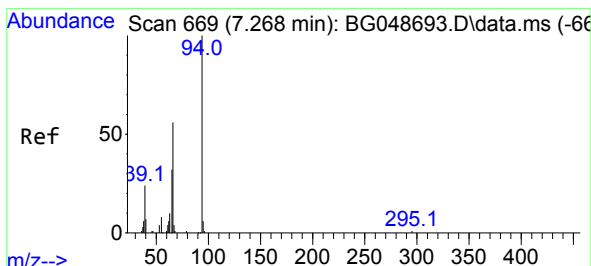
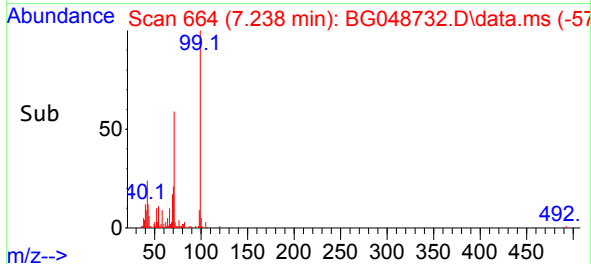
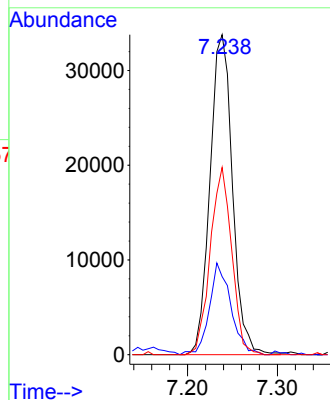
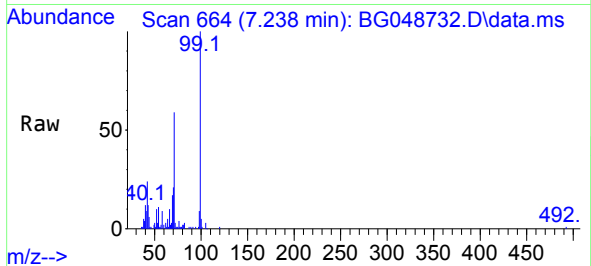




#7
Phenol-d6
Concen: 36.33 ng
RT: 7.238 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

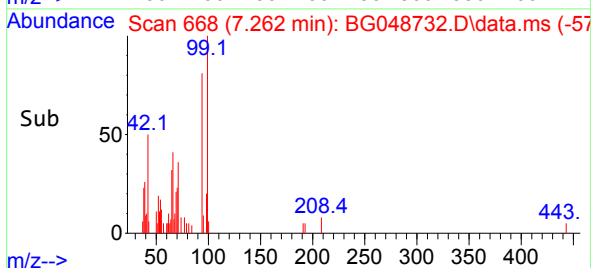
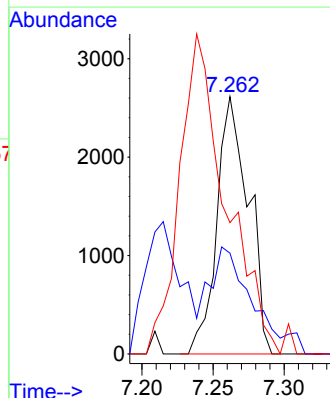
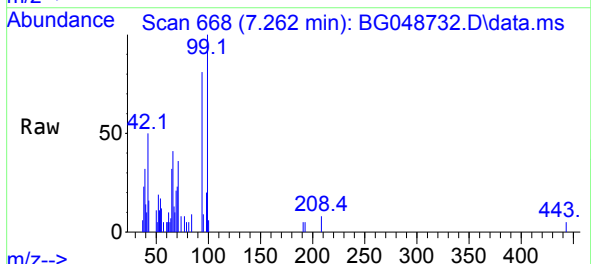
Instrument :
BNA_G
ClientSampleId :
FS-SB12A

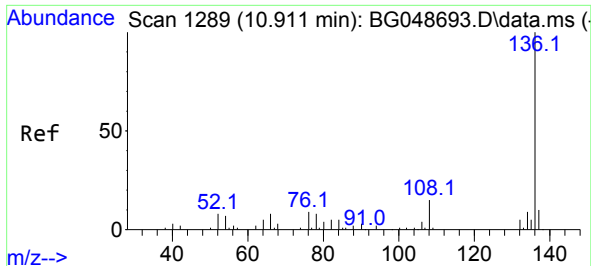
Tgt Ion: 99 Resp: 58704
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 58.5 41.5 62.3



#10
Phenol
Concen: 2.55 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

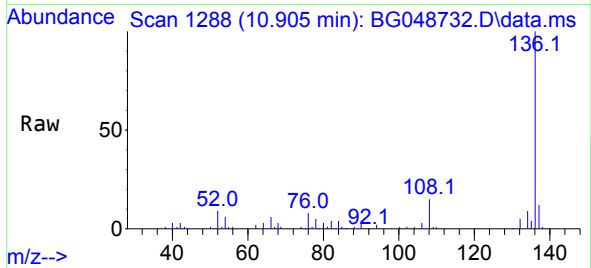
Tgt Ion: 94 Resp: 4058
Ion Ratio Lower Upper
94 100
65 39.2 12.9 52.9
66 51.1 39.4 79.4





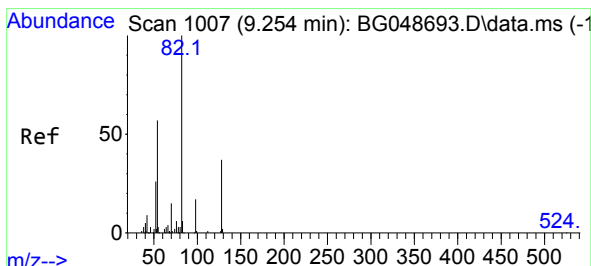
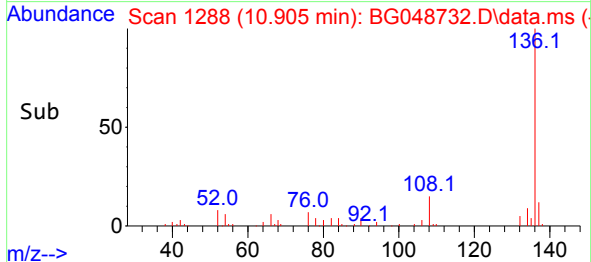
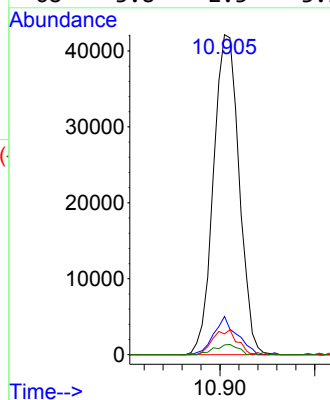
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Instrument :
BNA_G
ClientSampled :
FS-SB12A

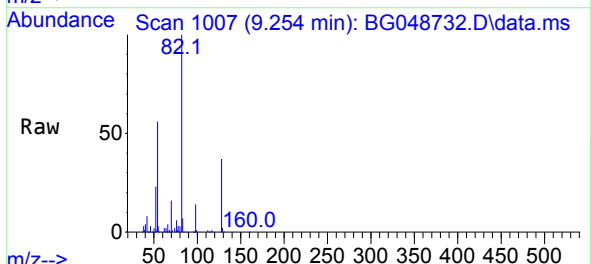


Tgt Ion: 136 Resp: 79216

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	6.5	5.5	8.3
68	3.8	2.3	3.5

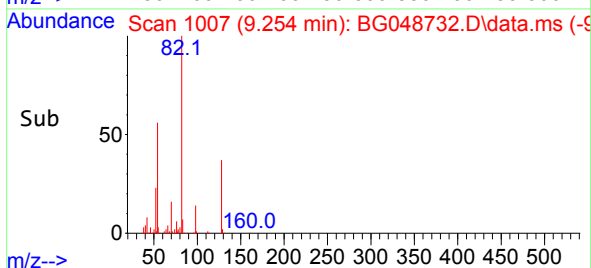
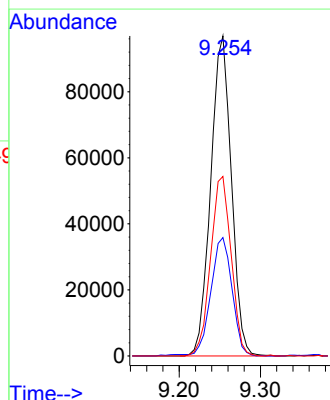


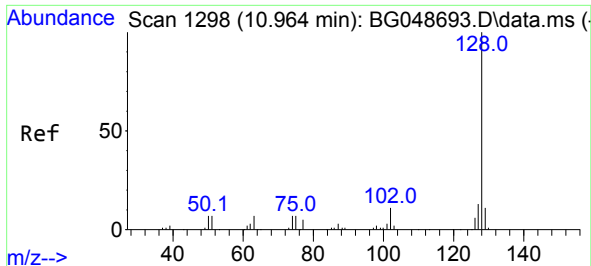
#23
Nitrobenzene-d5
Concen: 96.64 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07



Tgt Ion: 82 Resp: 170989

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.6
54	56.1	45.8	68.8

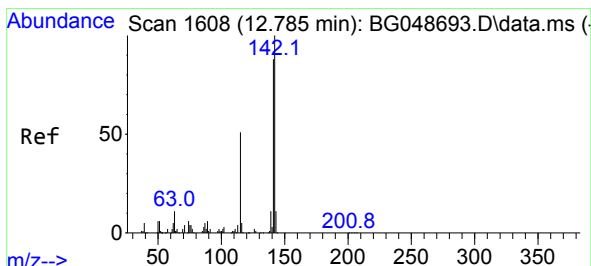
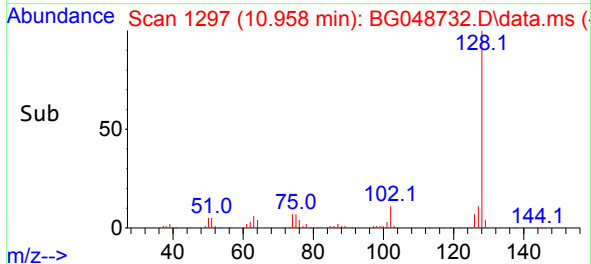
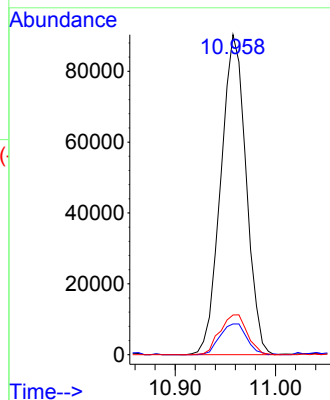
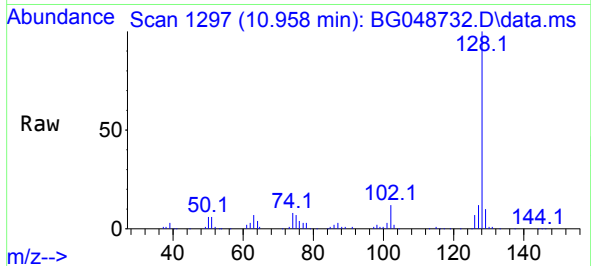




#31
Naphthalene
Concen: 38.94 ng
RT: 10.958 min Scan# 1297
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

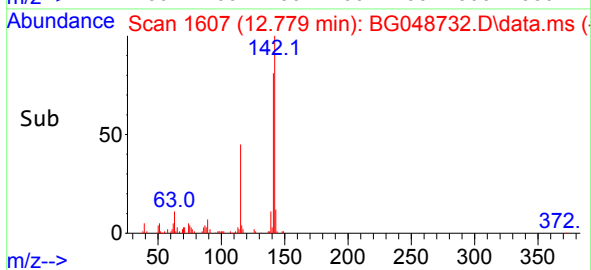
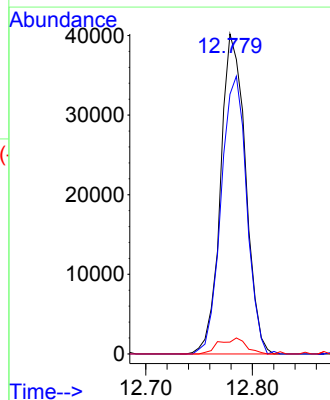
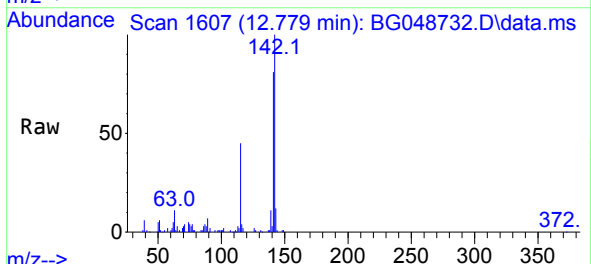
Instrument :
BNA_G
ClientSampleId :
FS-SB12A

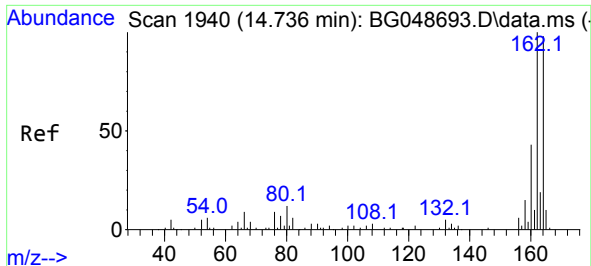
Tgt Ion:128 Resp: 158281
Ion Ratio Lower Upper
128 100
129 9.6 8.5 12.7
127 12.4 10.2 15.4



#38
1-Methylnaphthalene
Concen: 21.59 ng
RT: 12.779 min Scan# 1607
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:142 Resp: 65254
Ion Ratio Lower Upper
142 100
141 81.1 70.6 106.0
116 3.7 4.0 6.0#

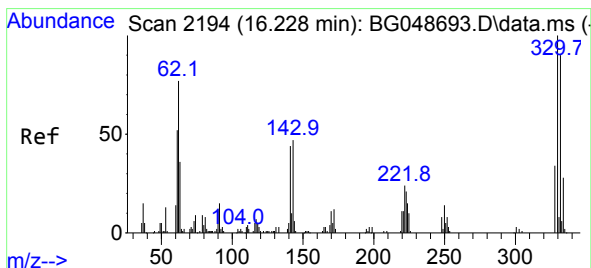
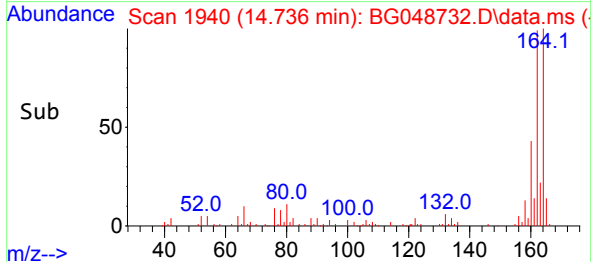
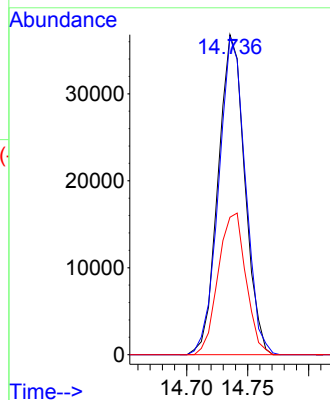
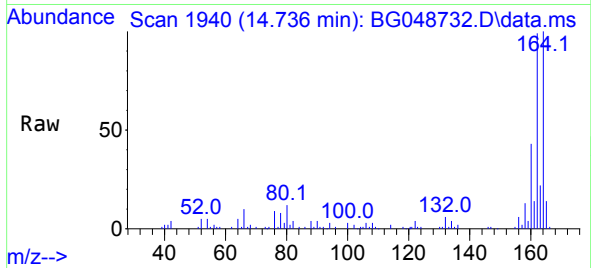




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

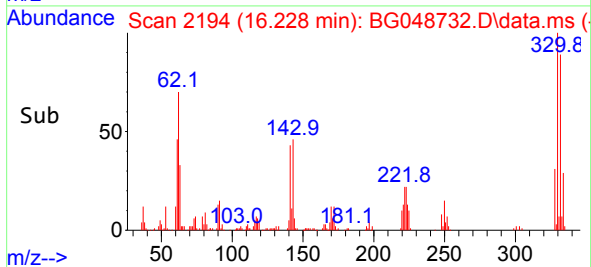
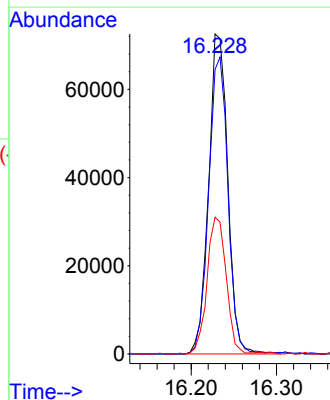
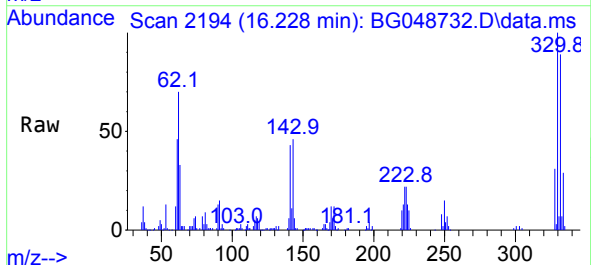
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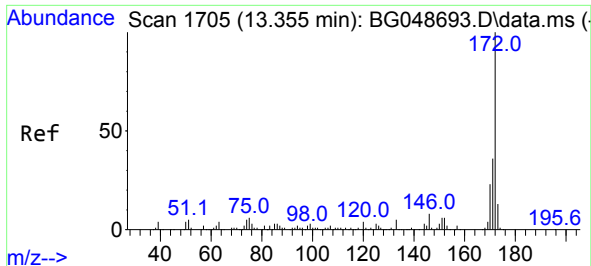
Tgt Ion:164 Resp: 55850
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 151.11 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:330 Resp: 113158
Ion Ratio Lower Upper
330 100
332 93.9 77.3 115.9
141 42.7 35.6 53.4

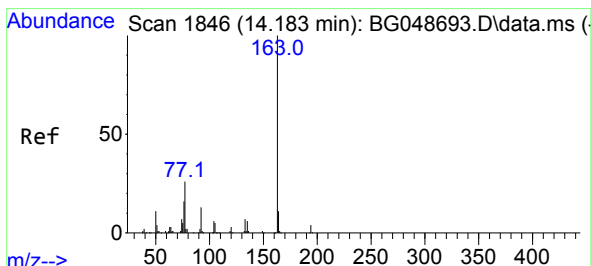
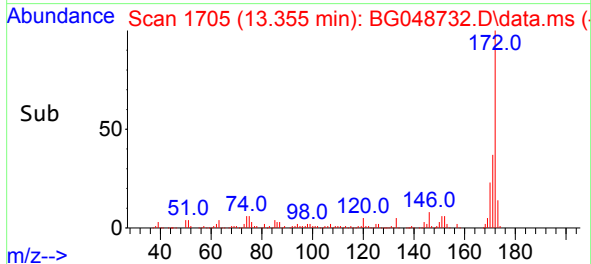
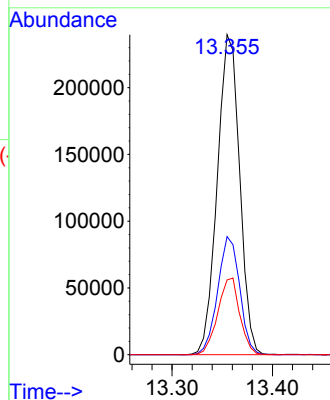
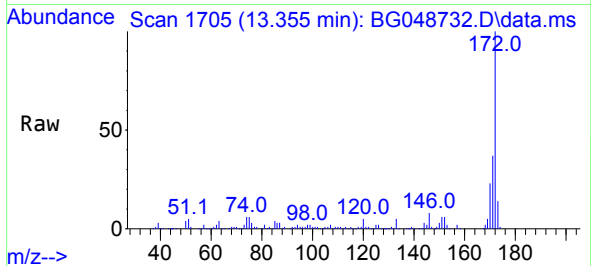




#45
2-Fluorobiphenyl
Concen: 95.76 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

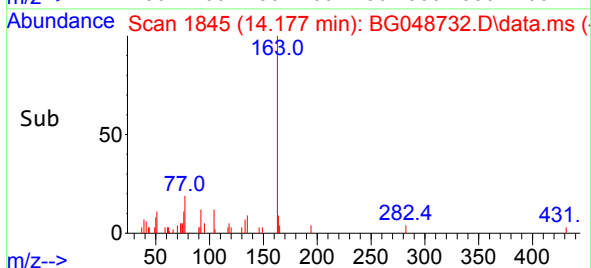
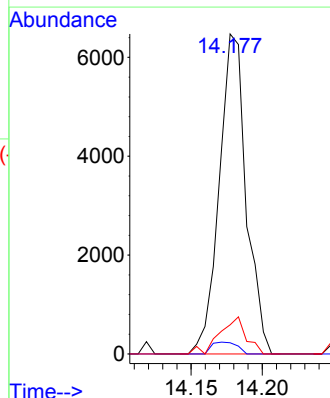
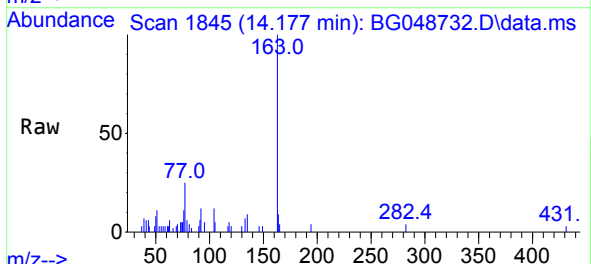
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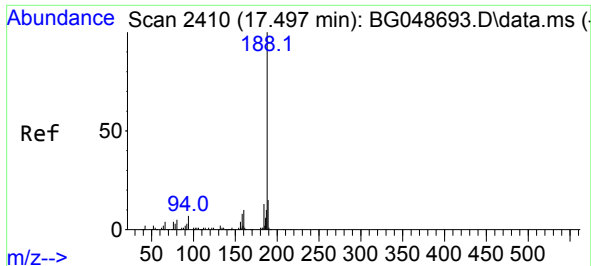
Tgt Ion:172	Resp:	370344
Ion Ratio	Lower	Upper
172	100	
171	36.9	28.6 43.0
170	23.4	18.6 27.8



#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:163	Resp:	8555
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.0 4.6
164	9.1	8.6 12.8

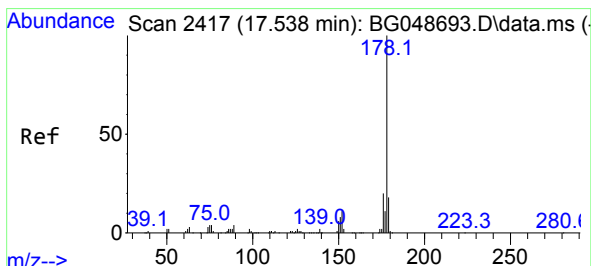
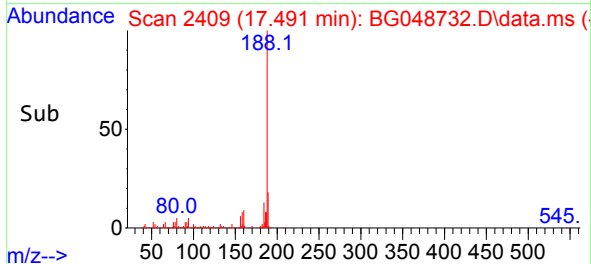
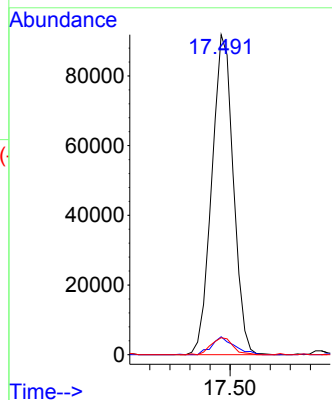
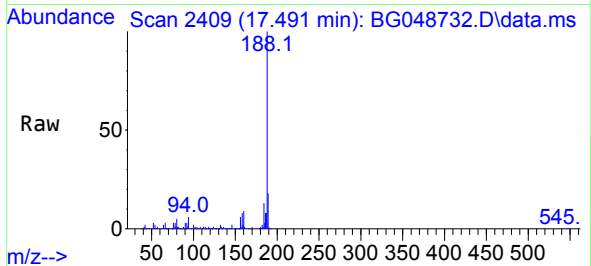




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

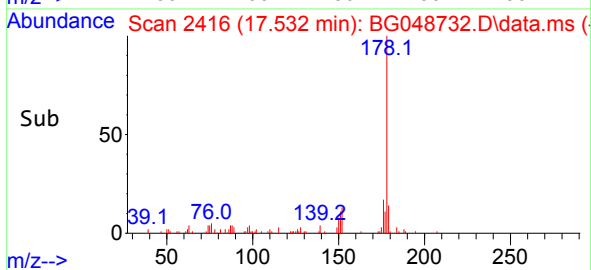
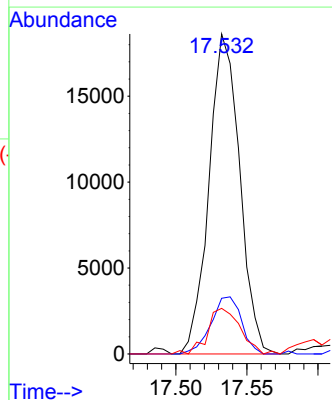
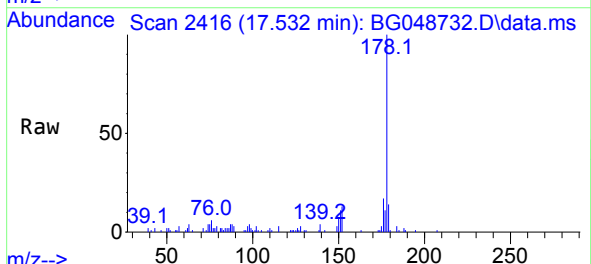
Instrument :
BNA_G
ClientSampleId :
FS-SB12A

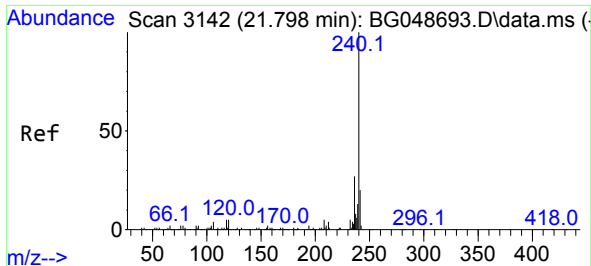
Tgt Ion:188	Resp:	136476
Ion Ratio	Lower	Upper
188	100	
94	5.6	5.4 8.0
80	5.3	3.7 5.5



#71
Phenanthrene
Concen: 3.95 ng
RT: 17.532 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:178	Resp:	27966
Ion Ratio	Lower	Upper
178	100	
176	17.4	16.0 24.0
179	14.2	14.2 21.4#

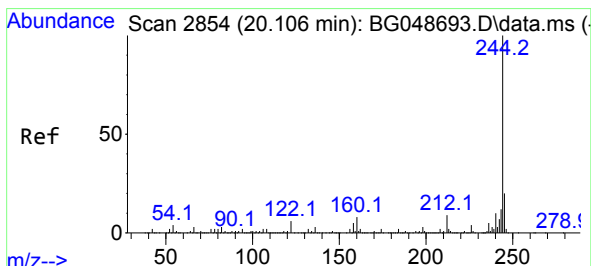
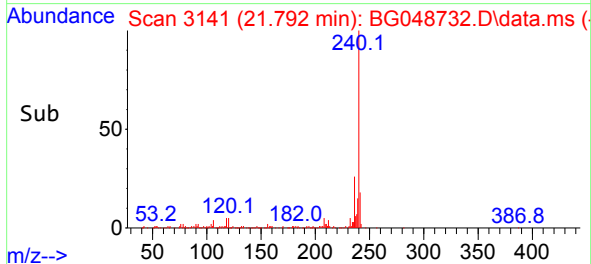
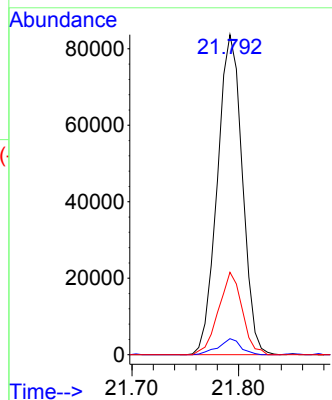
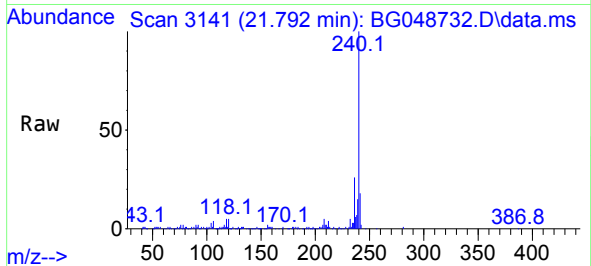




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

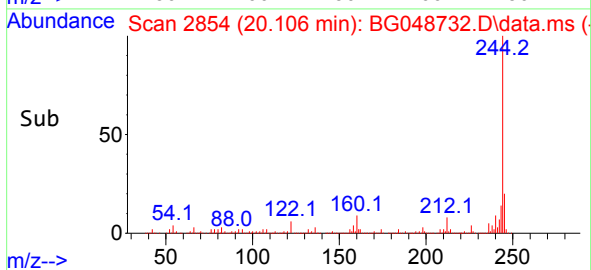
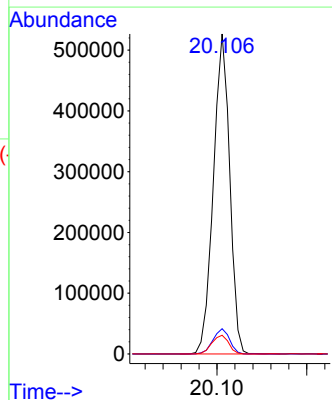
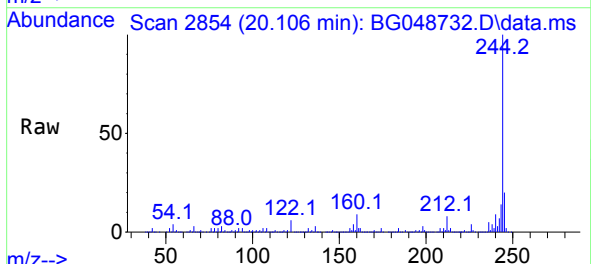
Instrument :
BNA_G
ClientSampleId :
FS-SB12A

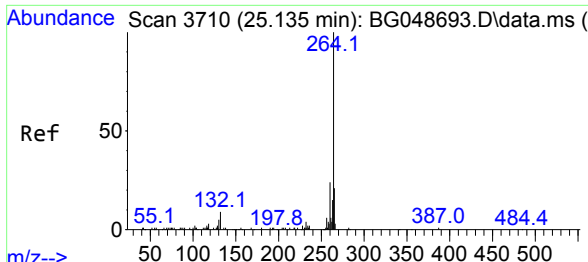
Tgt Ion:240 Resp: 135895
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.8 21.8 32.6



#79
Terphenyl-d14
Concen: 84.05 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048732.D
Acq: 16 Apr 2021 20:07

Tgt Ion:244 Resp: 663622
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 5.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048732.D
 Acq: 16 Apr 2021 20:07

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB12A

Tgt Ion:	264	Resp:	137811
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.8	16.9	25.3

