

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048668.D
 Acq On : 12 Apr 2021 19:54
 Operator : CG/JU
 Sample : M1985-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939-72-11936RE

Quant Time: Apr 13 00:19:49 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)

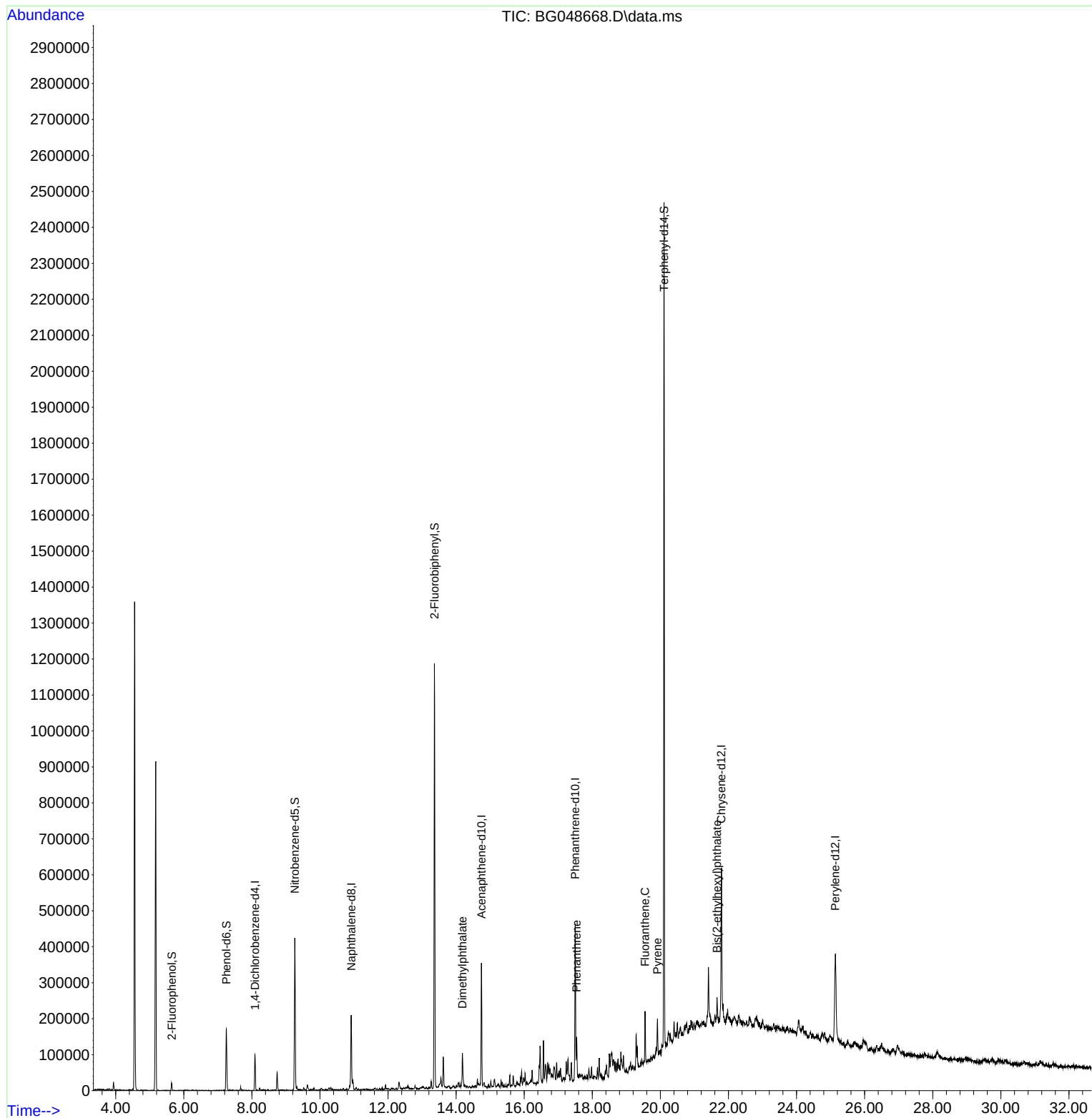
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	26910	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	181536	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	115920	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	279984	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	273485	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	277476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	7579	4.97	ng	0.00
7) Phenol-d6	7.251	99	89577	40.52	ng	0.00
23) Nitrobenzene-d5	9.261	82	252461	67.33	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	180	0.12	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	614203	78.75	ng	0.00
79) Terphenyl-d14	20.107	244	1087307	72.71	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.184	163	57603	6.69	ng	# 98
71) Phenanthrene	17.539	178	70590	4.86	ng	97
75) Fluoranthene	19.549	202	87408	4.85	ng	96
78) Pyrene	19.913	202	66002	3.51	ng	97
84) Bis(2-ethylhexyl)phtha...	21.664	149	25198	2.59	ng	# 96

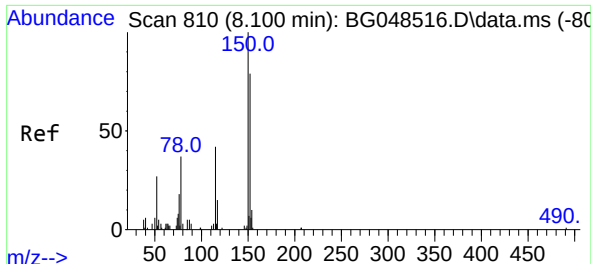
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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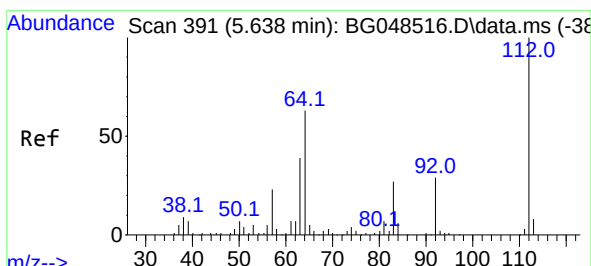
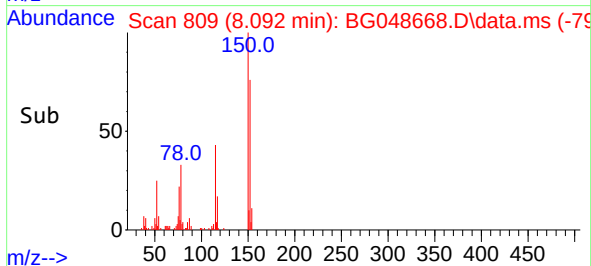
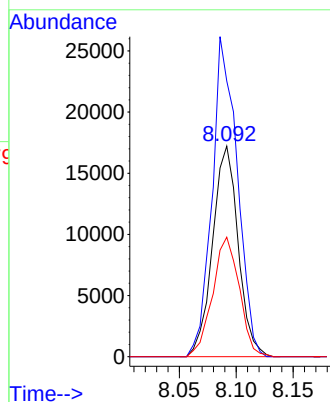
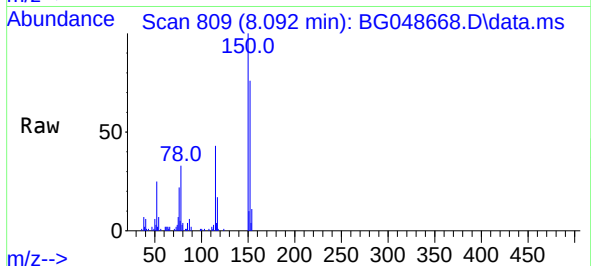




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

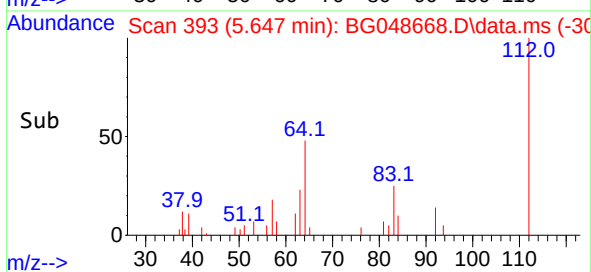
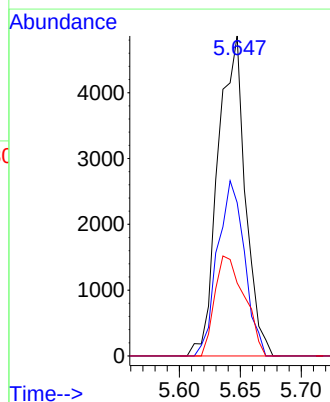
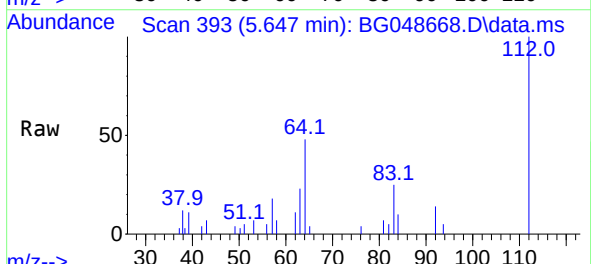
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

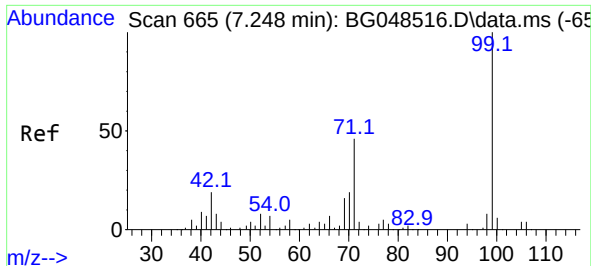
Tgt Ion:152 Resp: 26910
Ion Ratio Lower Upper
152 100
150 130.9 101.3 151.9
115 56.7 42.3 63.5



#5
2-Fluorophenol
Concen: 4.97 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:112 Resp: 7579
Ion Ratio Lower Upper
112 100
64 47.9 50.4 75.6#
63 22.8 31.4 47.2#

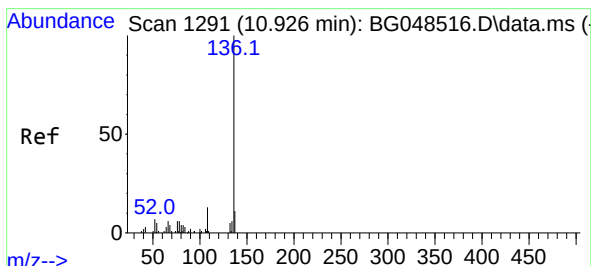
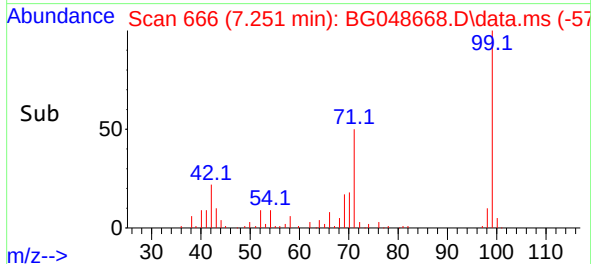
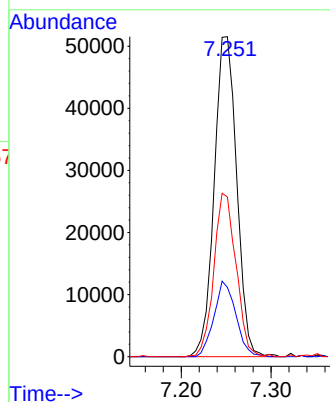
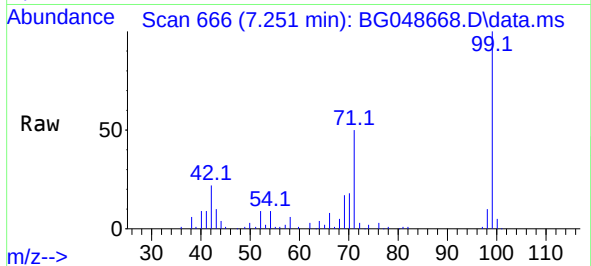




#7
Phenol-d6
Concen: 40.52 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

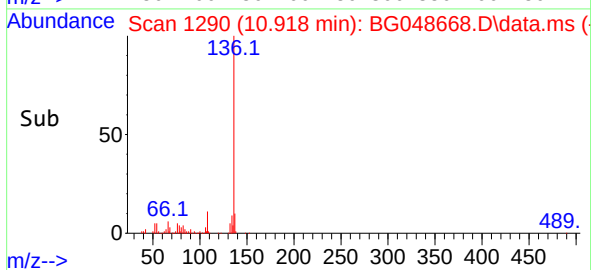
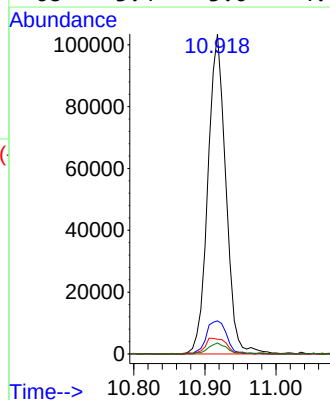
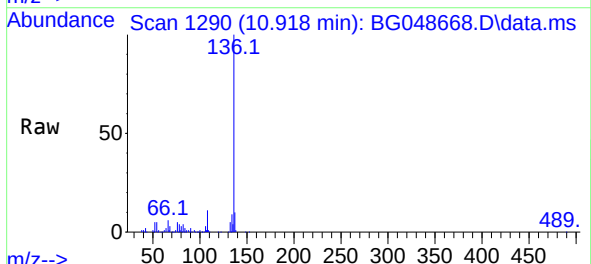
Instrument :
BNA_G
ClientSampleId :
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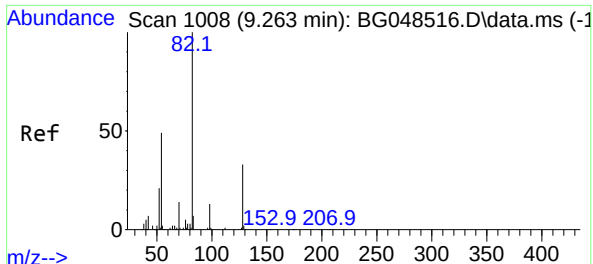
Tgt Ion:	99	Resp:	89577
Ion	Ratio	Lower	Upper
99	100		
42	21.6	15.5	23.3
71	49.9	36.6	54.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:	136	Resp:	181536
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	4.6	4.2	6.4
68	3.4	3.0	4.4

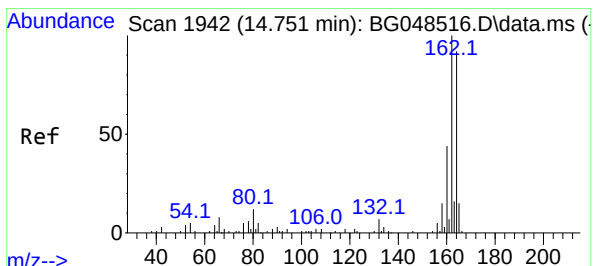
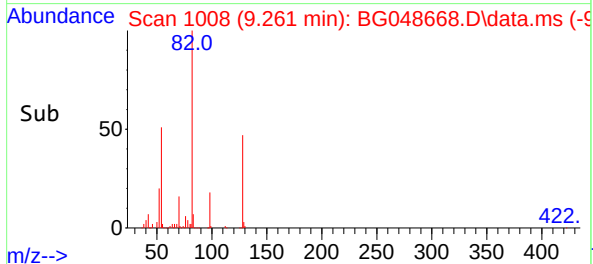
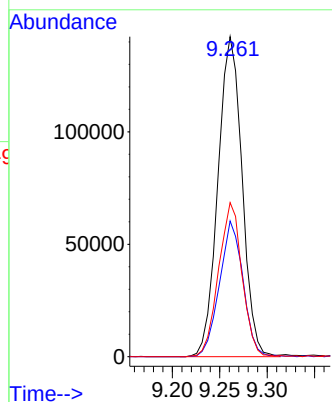
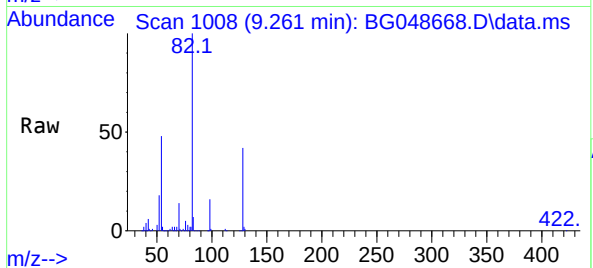




#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

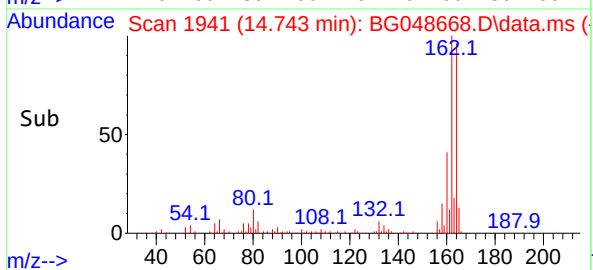
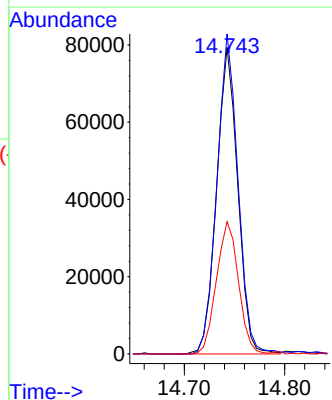
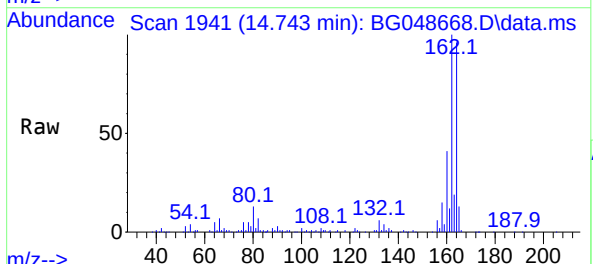
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

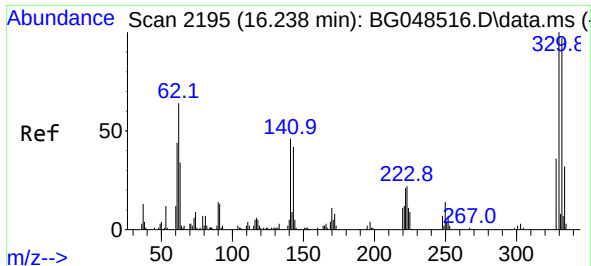
Tgt Ion: 82 Resp: 252461
Ion Ratio Lower Upper
82 100
128 42.4 26.2 39.4#
54 48.2 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:164 Resp: 115920
Ion Ratio Lower Upper
164 100
162 104.4 87.0 130.6
160 43.2 38.4 57.6

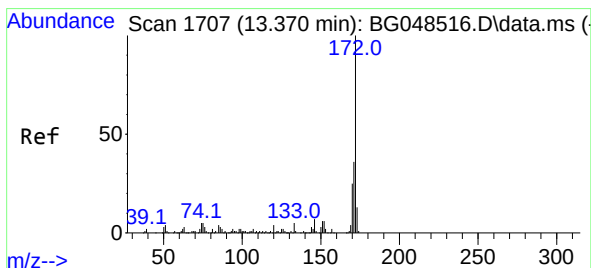
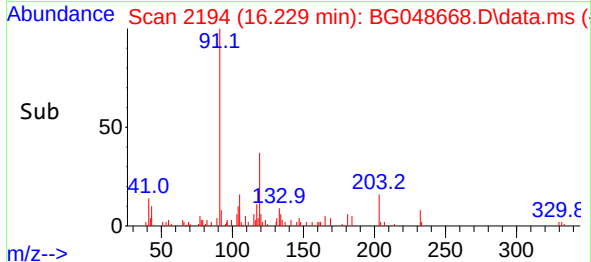
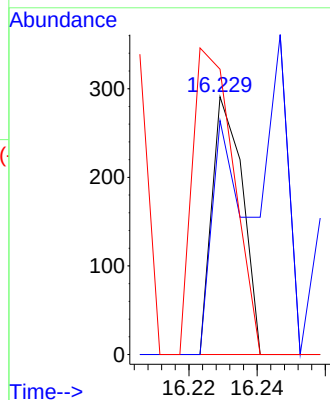
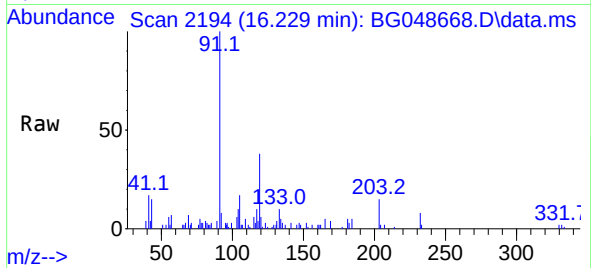




#42
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

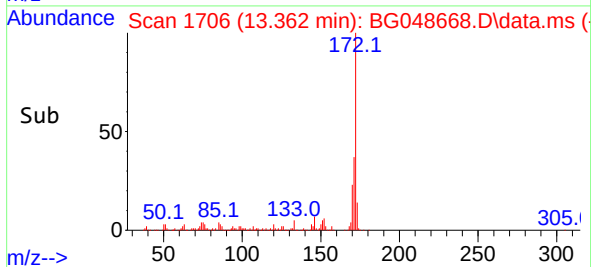
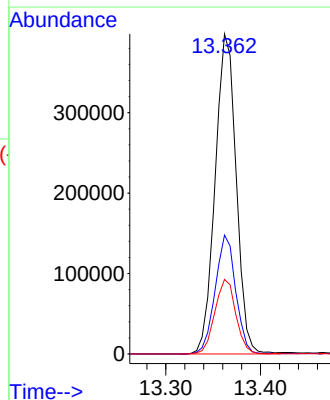
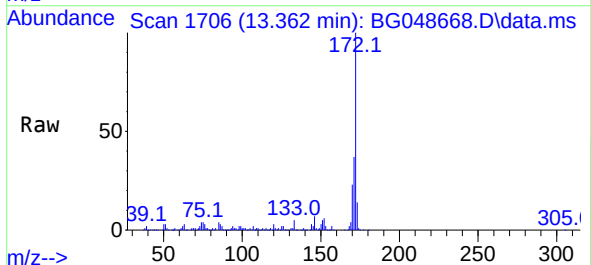
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ClientSampleId :
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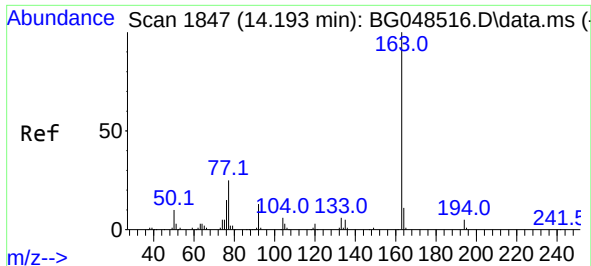
Tgt Ion:330 Resp: 180
Ion Ratio Lower Upper
330 100
332 112.2 77.6 116.4
141 161.1 34.6 52.0#



#45
2-Fluorobiphenyl
Concen: 78.75 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:172 Resp: 614203
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 23.3 19.8 29.6

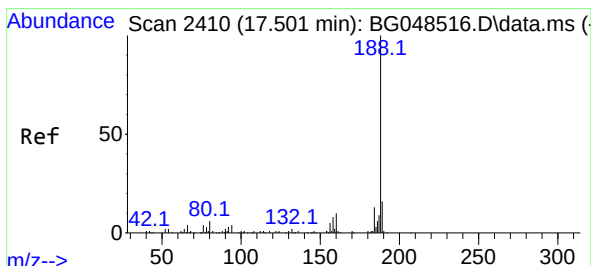
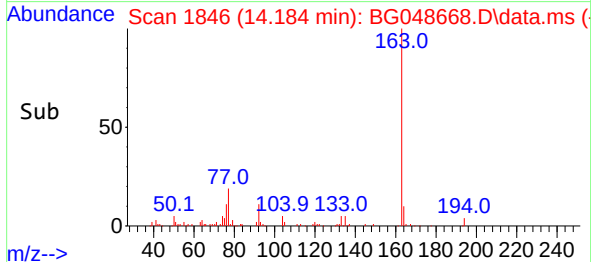
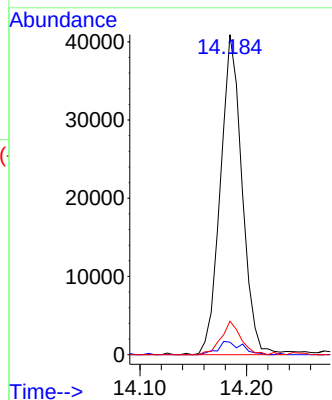
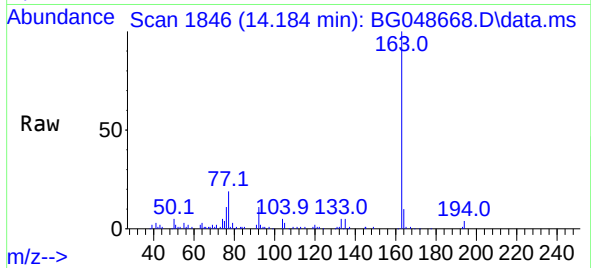




#50
Dimethylphthalate
Concen: 6.69 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

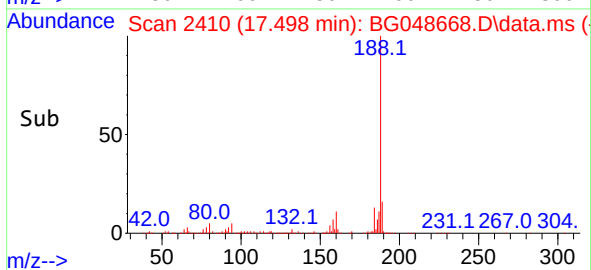
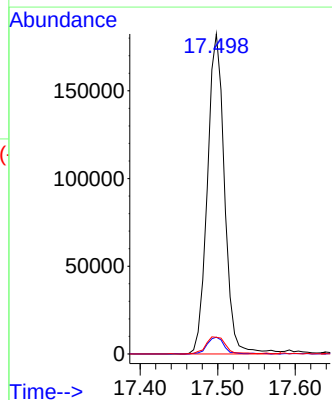
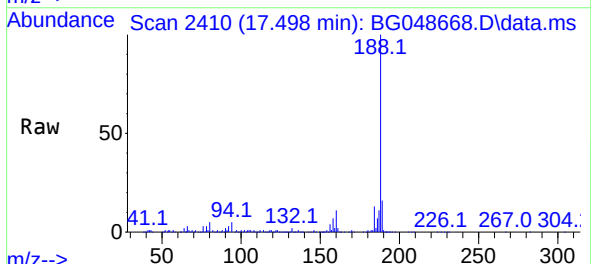
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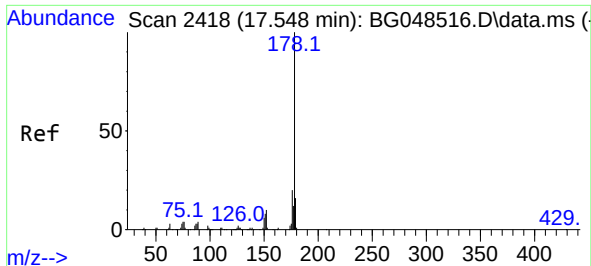
Tgt Ion:163 Resp: 57603
Ion Ratio Lower Upper
163 100
194 3.9 4.1 6.1#
164 10.5 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:188 Resp: 279984
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.6#
80 5.2 4.5 6.7

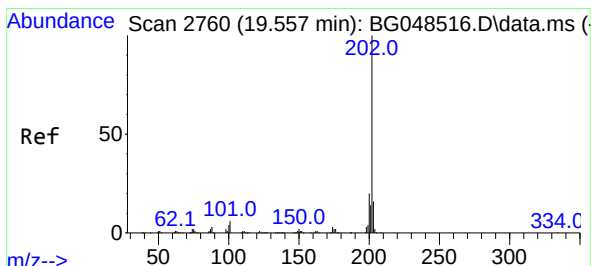
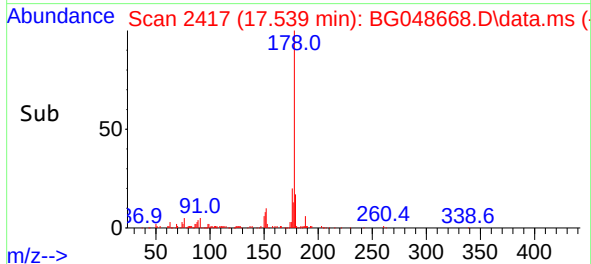
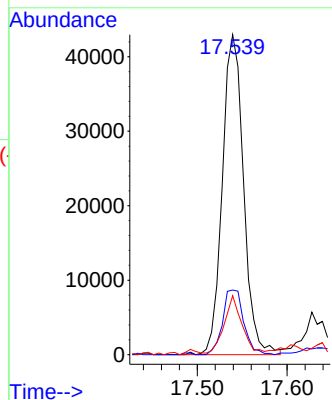
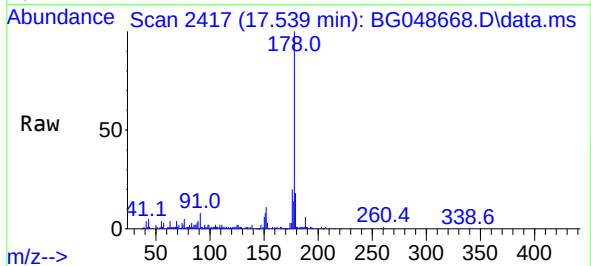




#71
Phenanthrene
Concen: 4.86 ng
RT: 17.539 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

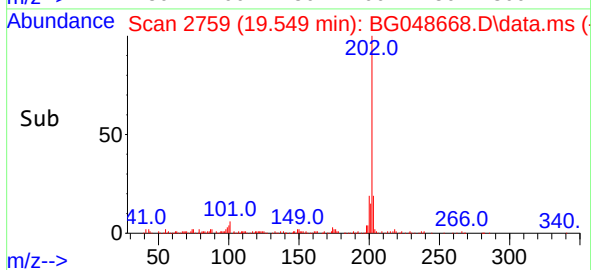
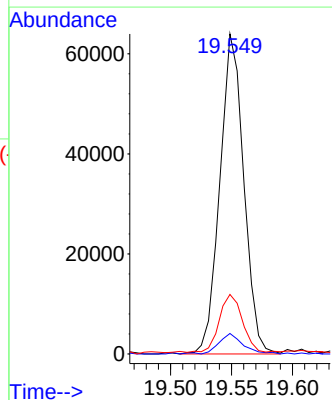
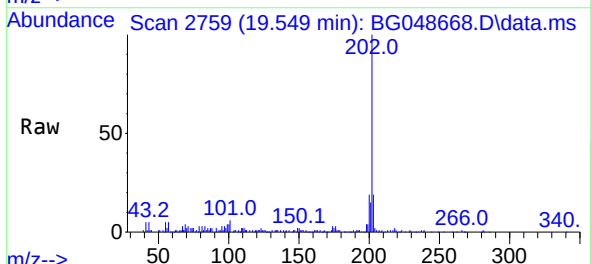
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72-11939-72-11936RE

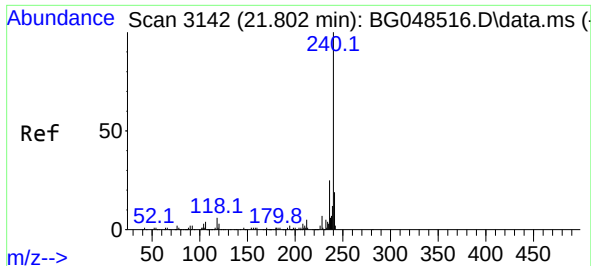
Tgt Ion:178 Resp: 70590
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 18.5 12.9 19.3



#75
Fluoranthene
Concen: 4.85 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:202 Resp: 87408
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.8
203 18.6 0.0 36.4

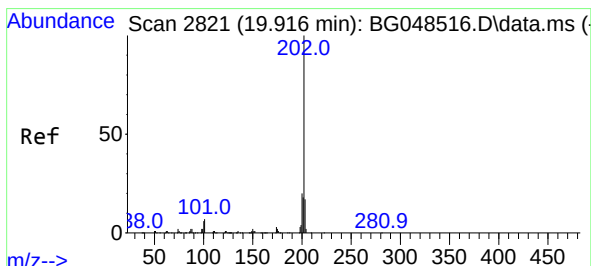
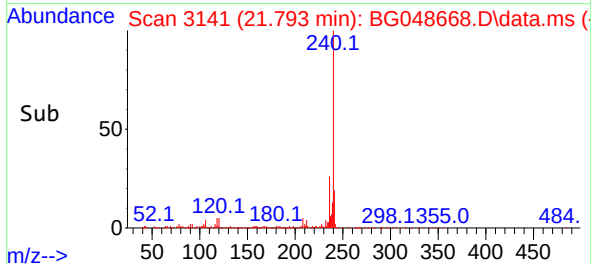
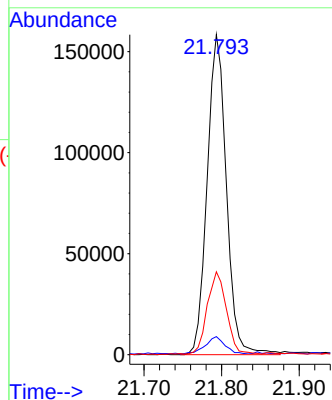
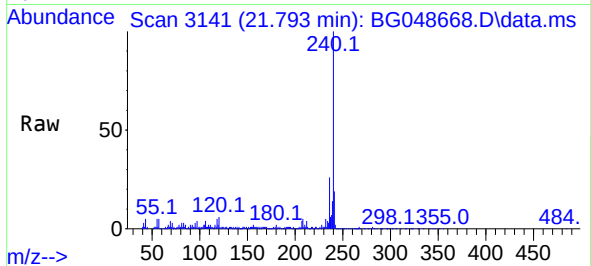




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

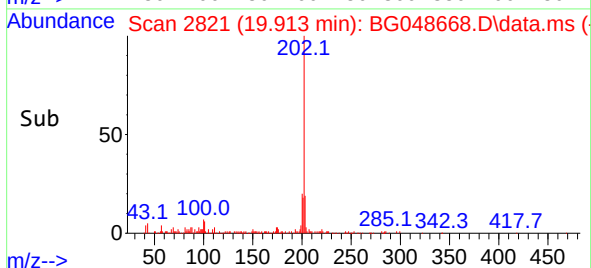
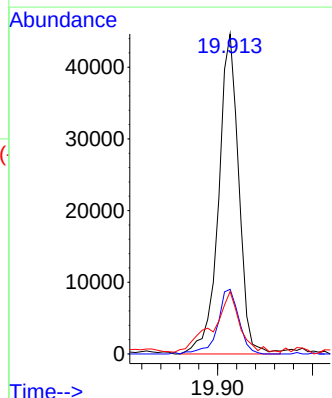
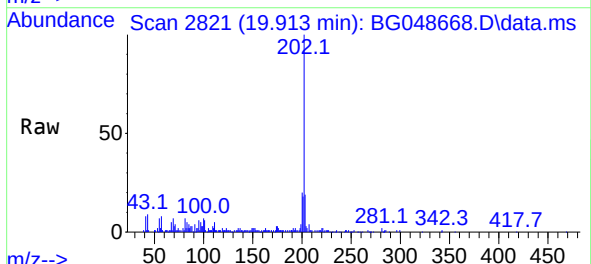
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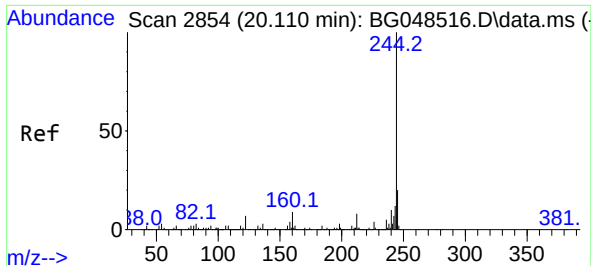
Tgt Ion:240 Resp: 273485
Ion Ratio Lower Upper
240 100
120 5.6 2.6 3.8#
236 25.9 19.8 29.6



#78
Pyrene
Concen: 3.51 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

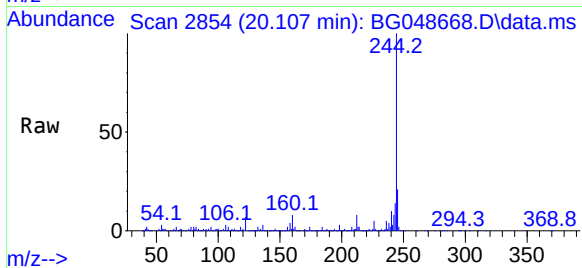
Tgt Ion:202 Resp: 66002
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 19.5 13.6 20.4





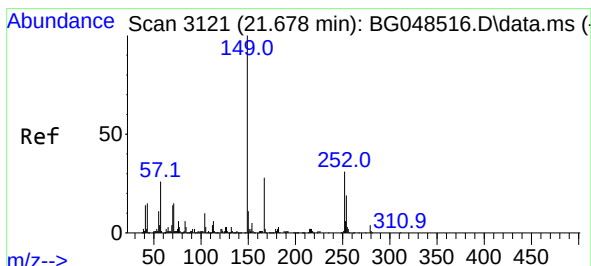
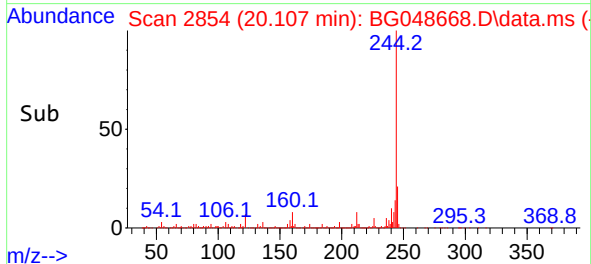
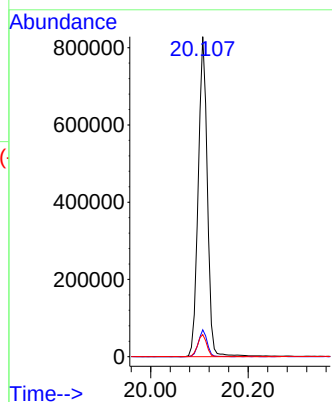
#79
 Terphenyl-d14
 Concen: 72.71 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.003 min
 Lab File: BG048668.D
 Acq: 12 Apr 2021 19:54

Instrument :
 BNA_G
 ClientSampleId :
 72-11939-72-11936RE



Tgt Ion:244 Resp: 1087307

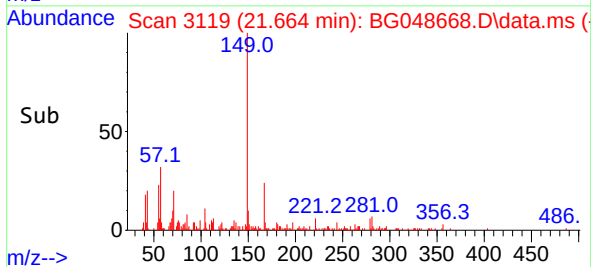
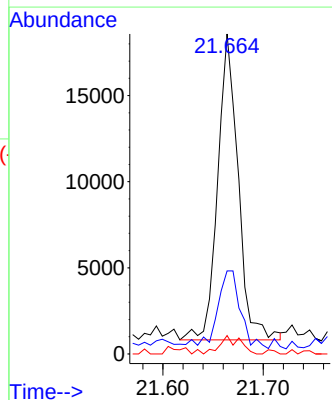
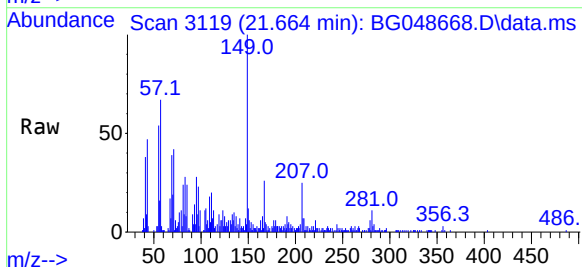
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	6.9	5.8	8.6

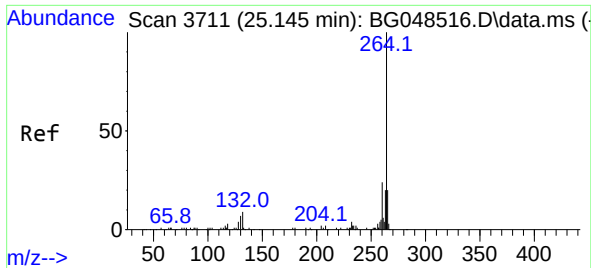


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.59 ng
 RT: 21.664 min Scan# 3119
 Delta R.T. -0.014 min
 Lab File: BG048668.D
 Acq: 12 Apr 2021 19:54

Tgt Ion:149 Resp: 25198

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.4	33.6
279	5.7	3.4	5.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.009 min
 Lab File: BG048668.D
 Acq: 12 Apr 2021 19:54

Instrument :
 BNA_G
 ClientSampleId :
 72-11939-72-11936RE

Tgt Ion:264 Resp: 277476
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 22.4 16.1 24.1

