

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048872.D
 Acq On : 23 Apr 2021 20:53
 Operator : CG/JU
 Sample : M2107-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-34-9.5-10.0

Quant Time: Apr 23 23:34:31 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)

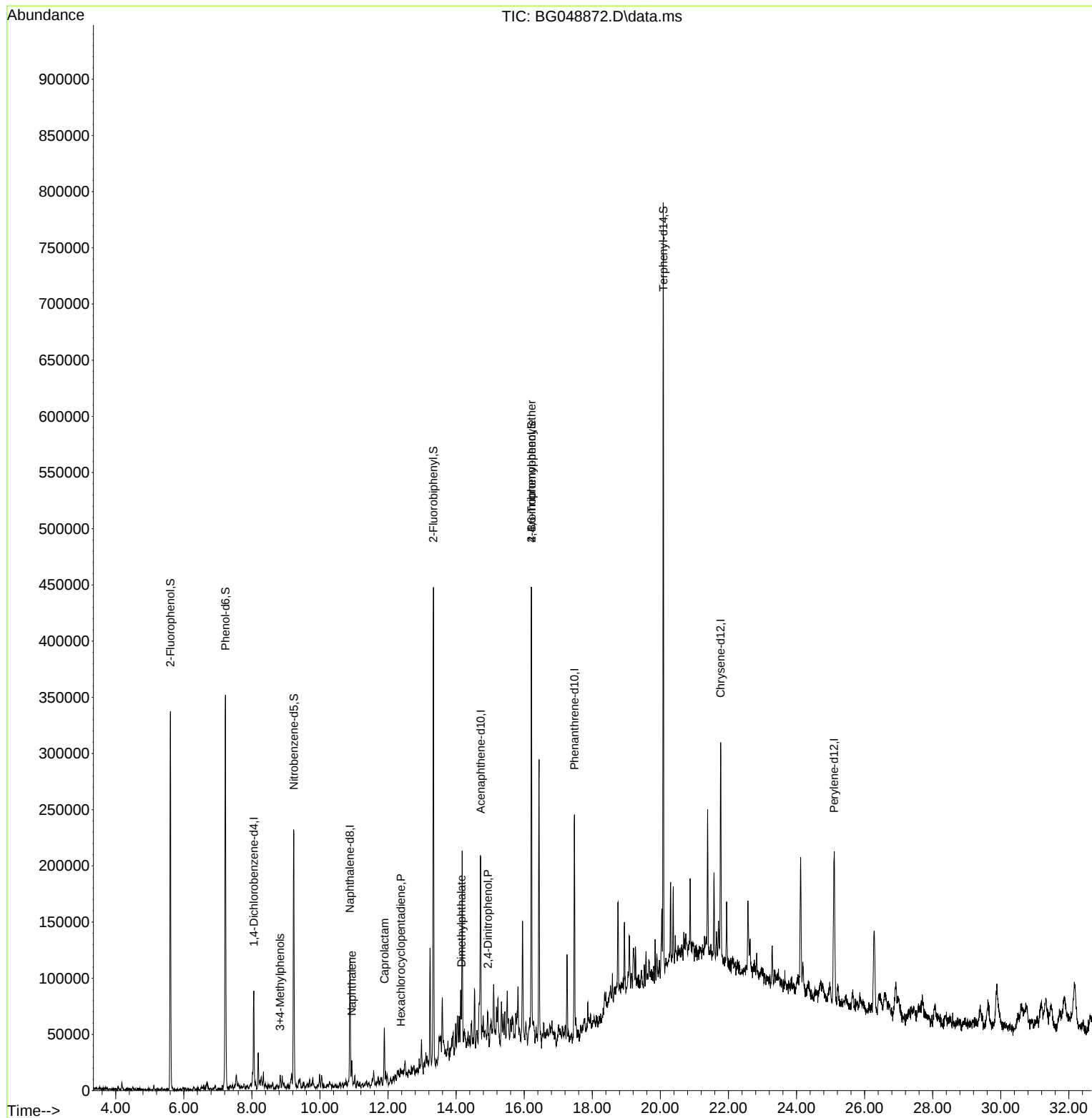
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	20668	20.00	ng	# 0.00
21) Naphthalene-d8	10.884	136	87207	20.00	ng	# 0.00
39) Acenaphthene-d10	14.720	164	53436	20.00	ng	0.00
64) Phenanthrene-d10	17.476	188	118119	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	117531	20.00	ng	0.00
86) Perylene-d12	25.102	264	120994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	131994	106.81	ng	0.00
7) Phenol-d6	7.223	99	173081	99.02	ng	0.00
23) Nitrobenzene-d5	9.233	82	131669	67.60	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	63427	88.53	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	205558	55.55	ng	0.00
79) Terphenyl-d14	20.085	244	289655	42.42	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.827	107	4244	2.80	ng	89
31) Naphthalene	10.937	128	14449	3.23	ng	# 90
35) Caprolactam	11.894	113	2039	4.12	ng	# 54
41) Hexachlorocyclopentadiene	12.382	237	104	5.96	ng	# 31
50) Dimethylphthalate	14.156	163	9456	2.36	ng	# 92
54) 2,4-Dinitrophenol	14.932	184	55	5.37	ng	# 1
67) 4-Bromophenyl-phenylether	16.213	248	4638	3.41	ng	# 1

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

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SB-34-9.5-10.0

Quant Time: Apr 23 23:34:31 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

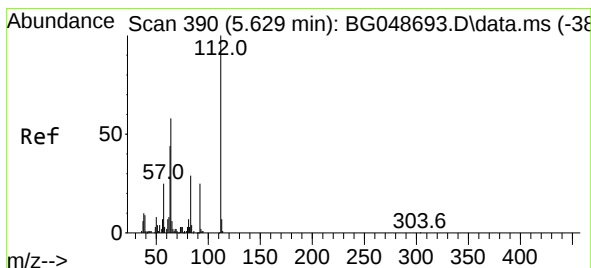
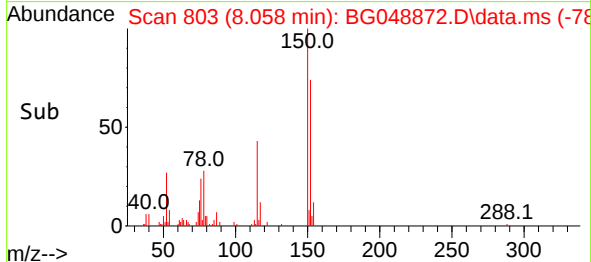
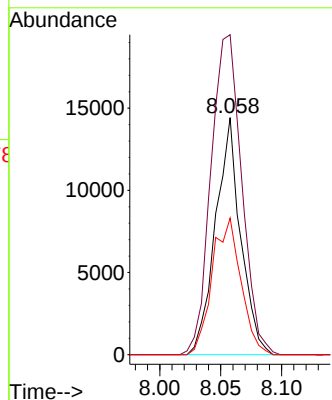
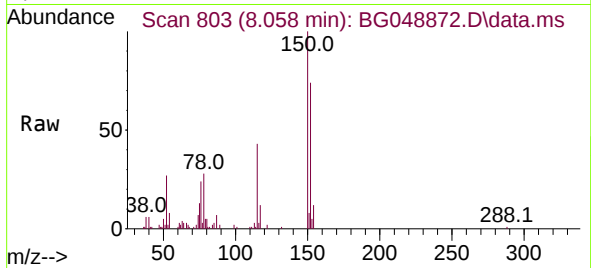




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.058 min Scan# 803
Delta R.T. -0.003 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

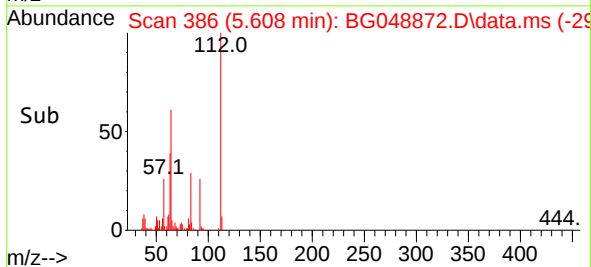
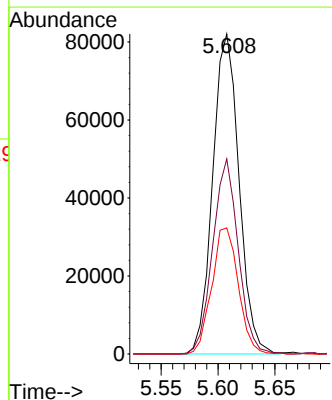
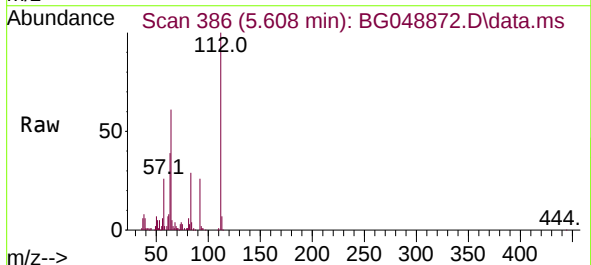
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

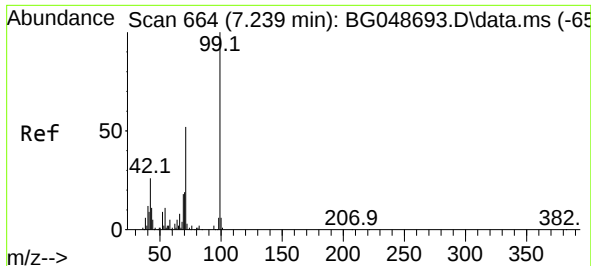
Tgt Ion:152 Resp: 20668
Ion Ratio Lower Upper
152 100
150 135.0 119.4 179.0
115 57.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 106.81 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.002 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:112 Resp: 131994
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 39.4 35.3 52.9

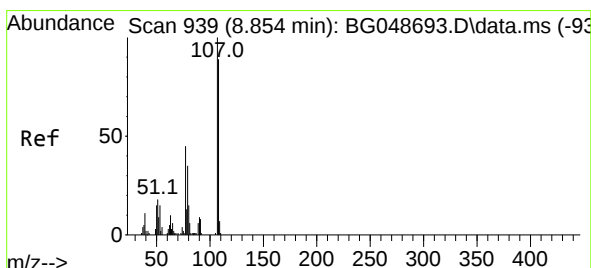
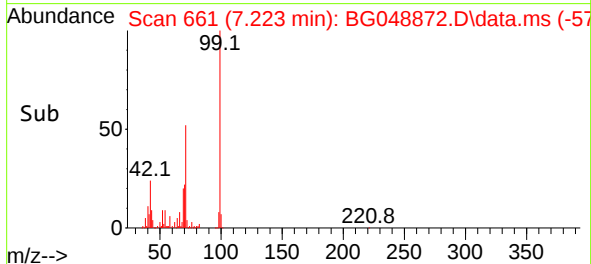
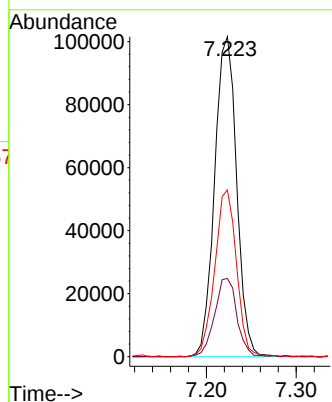
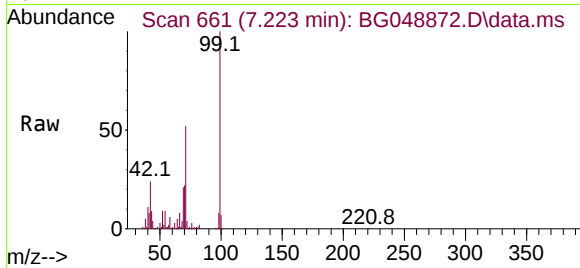




#7
Phenol-d6
Concen: 99.02 ng
RT: 7.223 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

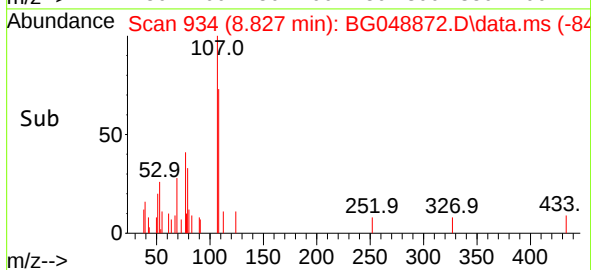
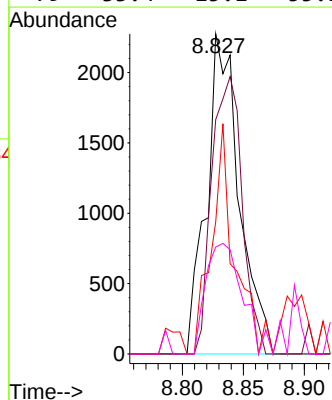
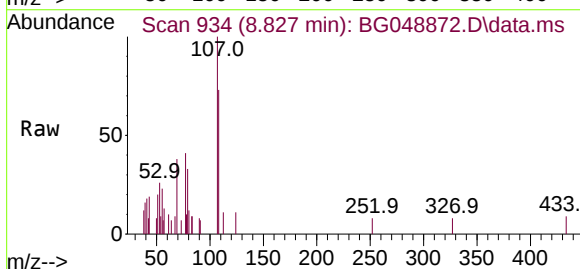
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

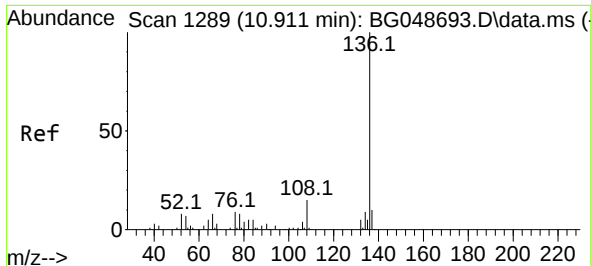
Tgt Ion: 99 Resp: 173081
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 52.1 41.5 62.3



#20
3+4-Methylphenols
Concen: 2.80 ng
RT: 8.827 min Scan# 934
Delta R.T. -0.015 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:107 Resp: 4244
Ion Ratio Lower Upper
107 100
108 73.3 69.3 109.3
77 41.3 25.2 65.2
79 33.4 15.1 55.1

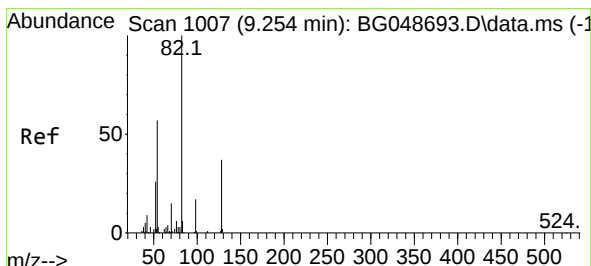
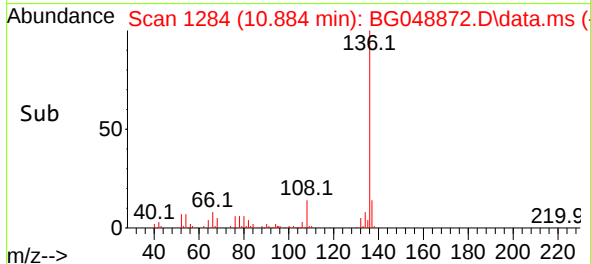
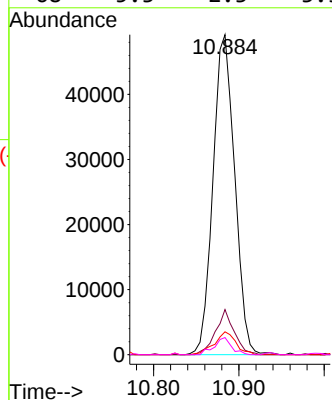
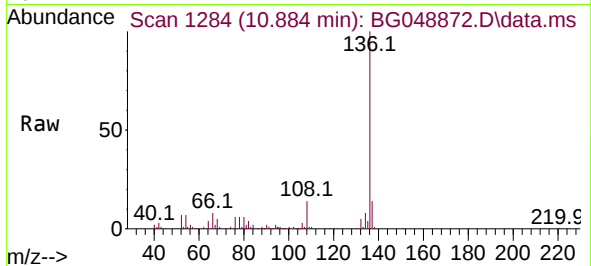




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.884 min Scan# 1284
Delta R.T. -0.009 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

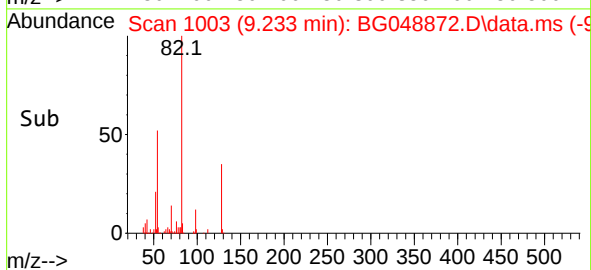
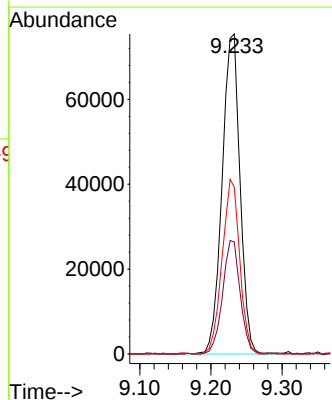
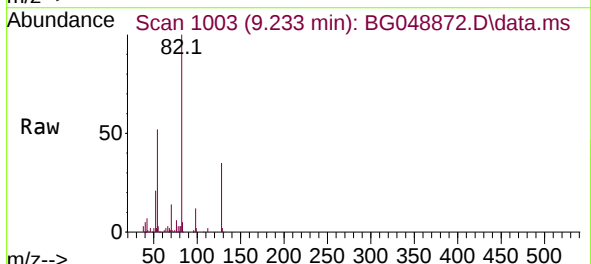
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

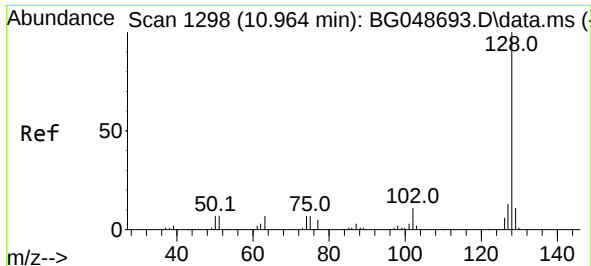
Tgt Ion:	136	Resp:	87207
Ion Ratio	Lower	Upper	
136	100		
137	14.1	8.2	12.2#
54	7.2	5.5	8.3
68	5.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 67.60 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:	82	Resp:	131669
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.8	44.6
54	52.2	45.8	68.8

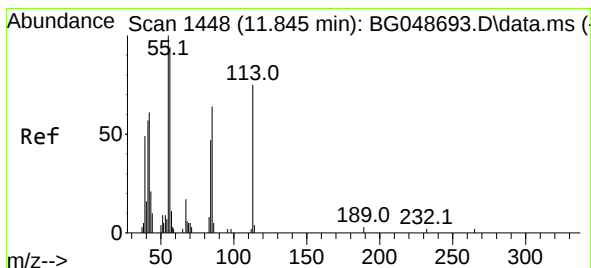
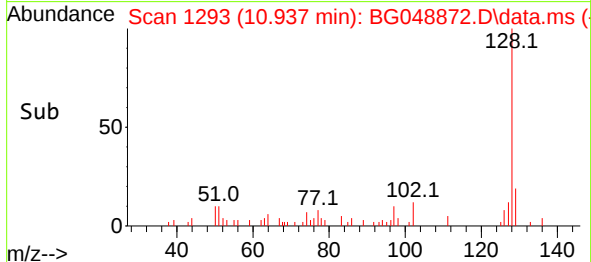
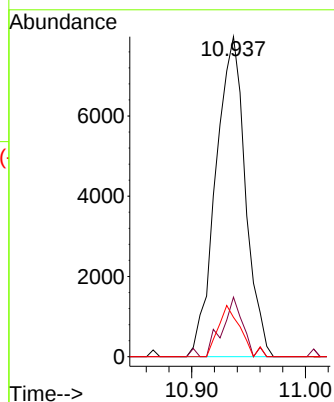
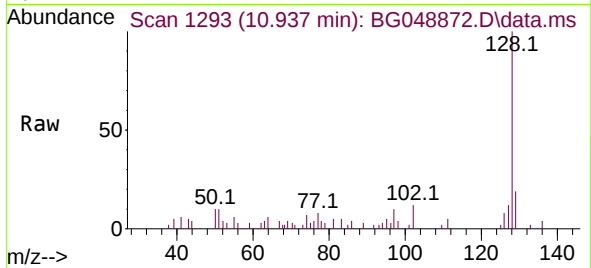




#31
Naphthalene
Concen: 3.23 ng
RT: 10.937 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

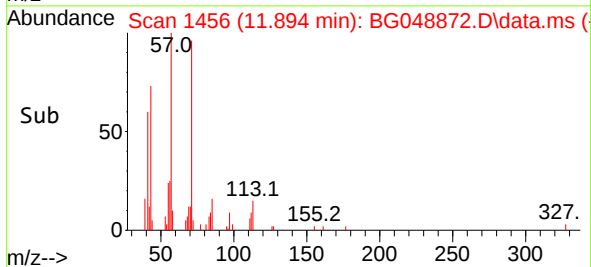
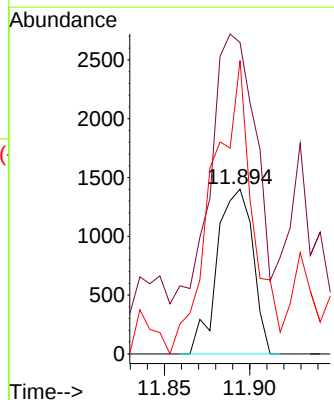
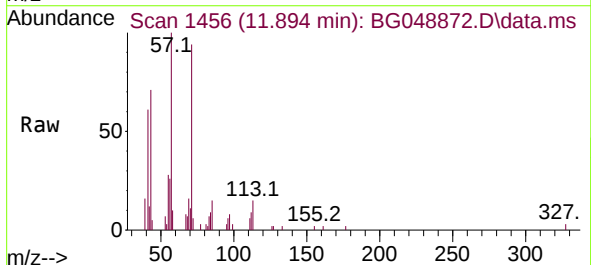
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

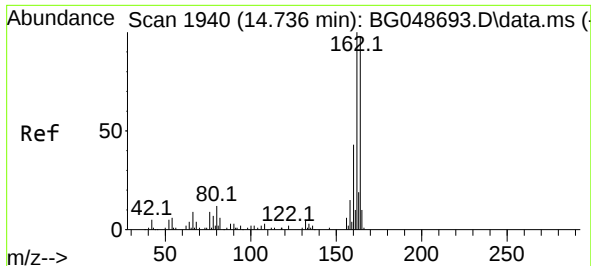
Tgt Ion:128 Resp: 14449
Ion Ratio Lower Upper
128 100
129 18.6 8.5 12.7#
127 12.3 10.2 15.4



#35
Caprolactam
Concen: 4.12 ng
RT: 11.894 min Scan# 1456
Delta R.T. 0.067 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:113 Resp: 2039
Ion Ratio Lower Upper
113 100
55 189.0 113.8 153.8#
56 178.1 105.6 145.6#

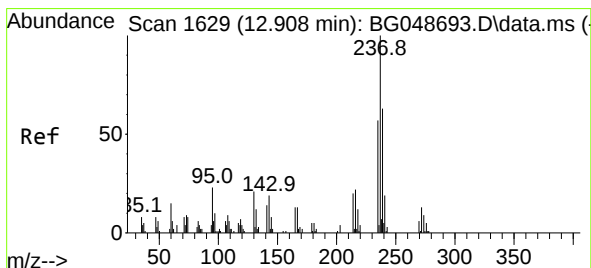
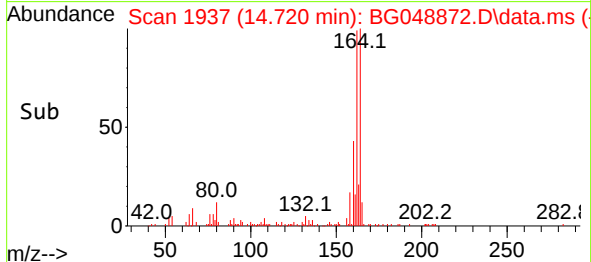
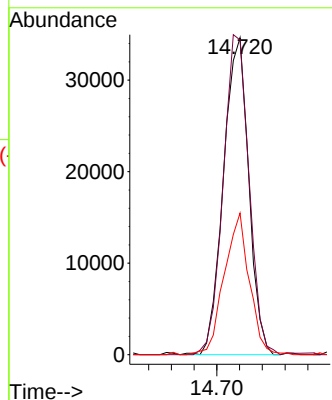
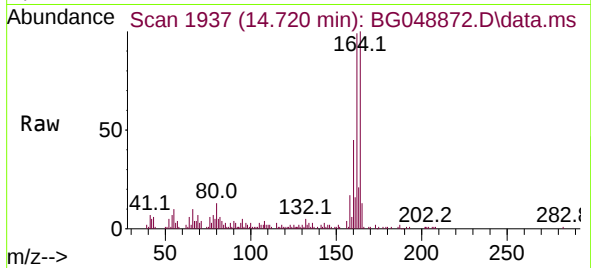




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.720 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

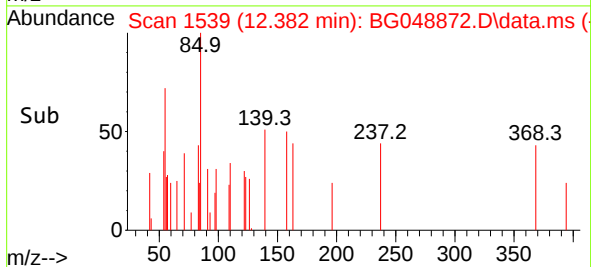
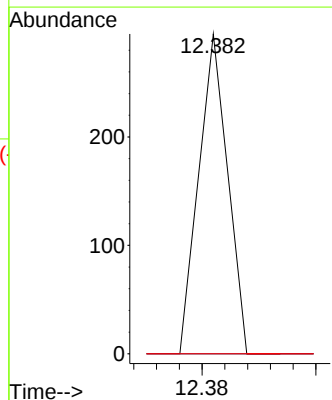
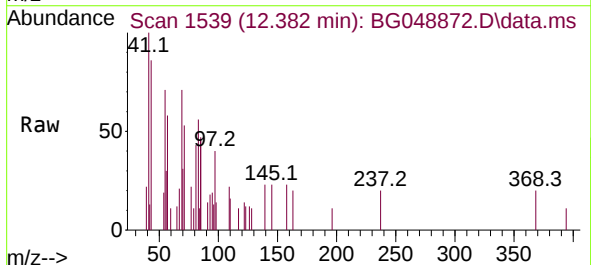
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

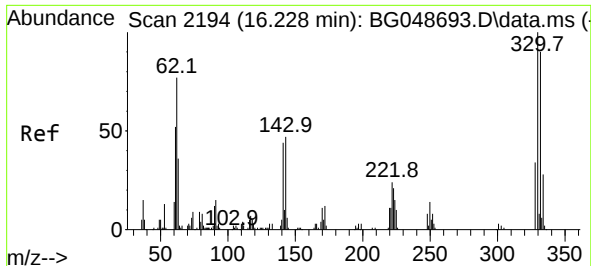
Tgt Ion:164 Resp: 53436
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 44.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.96 ng
RT: 12.382 min Scan# 1539
Delta R.T. -0.509 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:237 Resp: 104
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

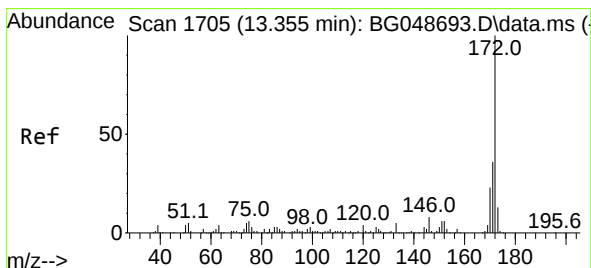
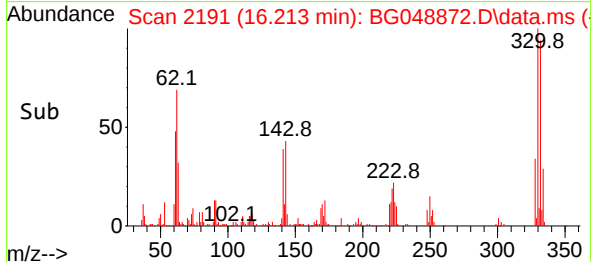
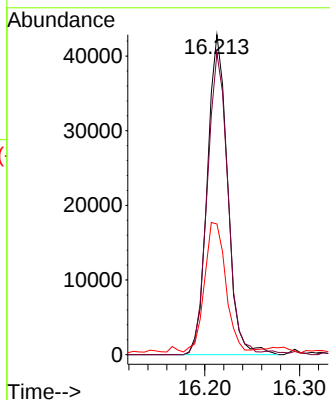
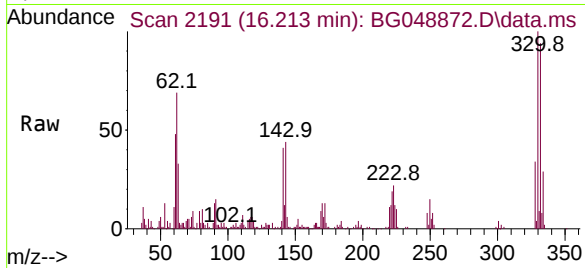




#42
2,4,6-Tribromophenol
Concen: 88.53 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

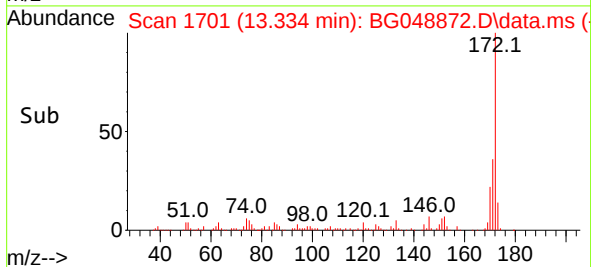
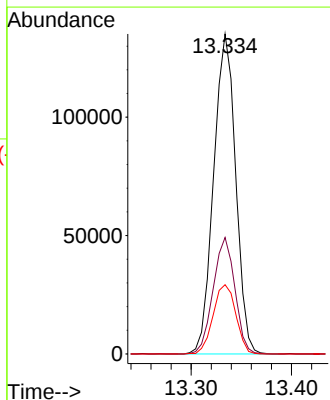
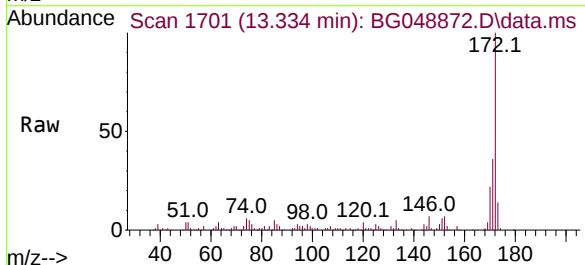
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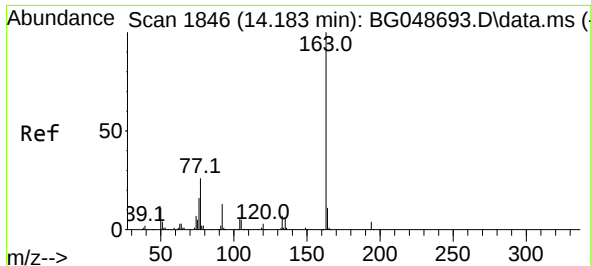
Tgt Ion:330 Resp: 63427
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 42.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 55.55 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:172 Resp: 205558
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 21.6 18.6 27.8

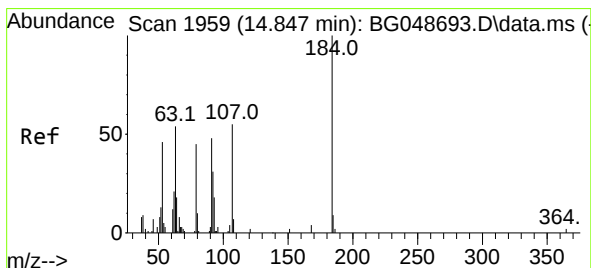
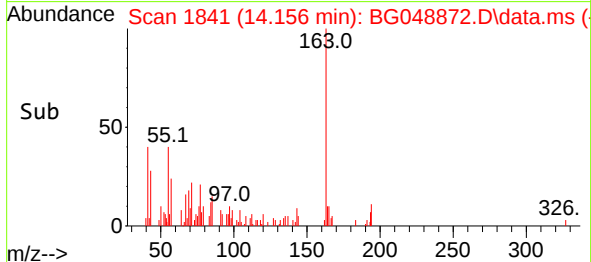
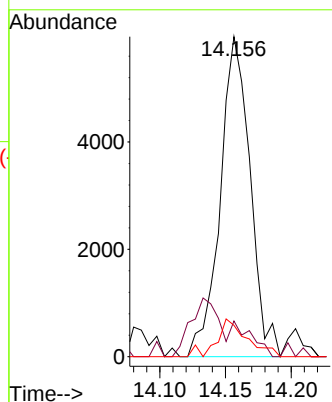
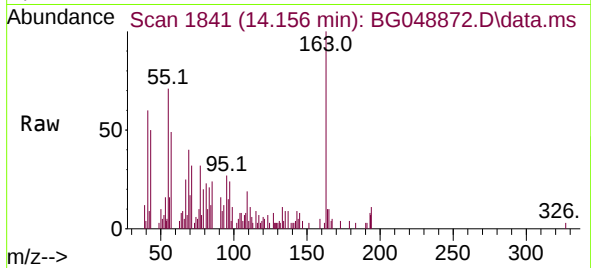




#50
Dimethylphthalate
Concen: 2.36 ng
RT: 14.156 min Scan# 1841
Delta R.T. -0.015 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

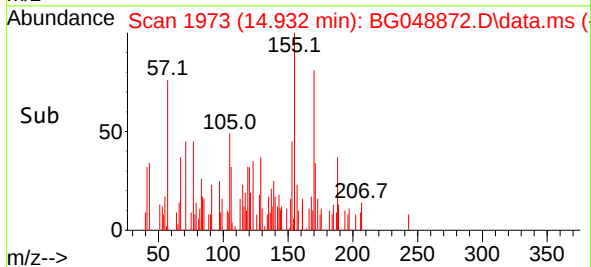
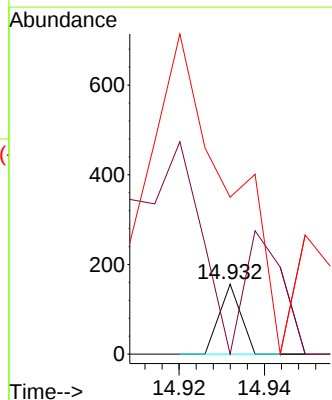
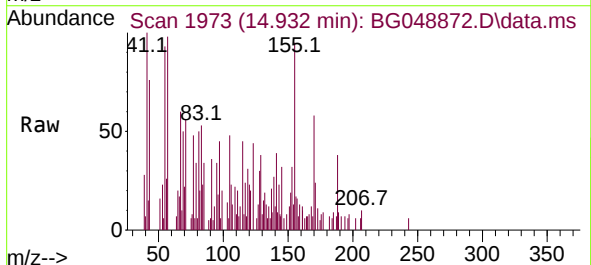
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

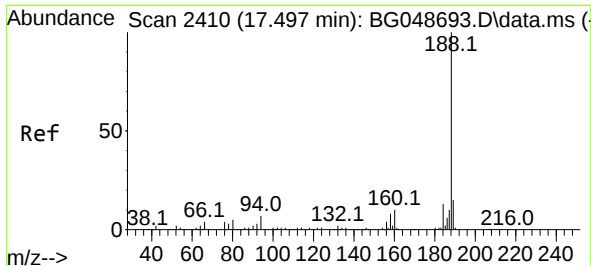
Tgt Ion:163 Resp: 9456
Ion Ratio Lower Upper
163 100
194 11.1 3.0 4.6#
164 9.8 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.932 min Scan# 1973
Delta R.T. 0.096 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 224.4 62.6 93.8#

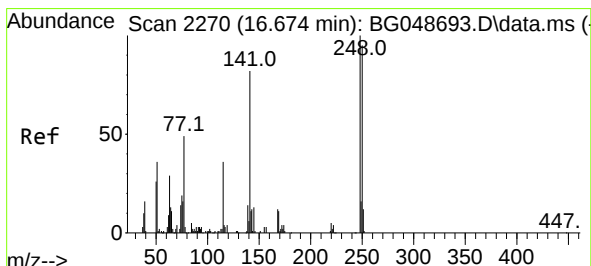
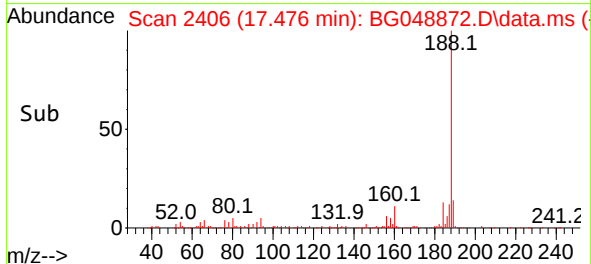
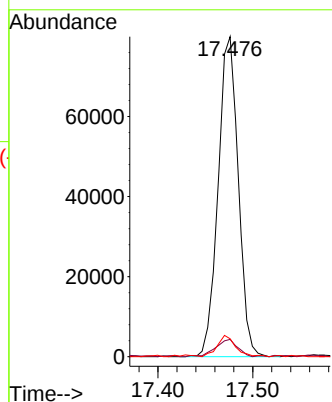
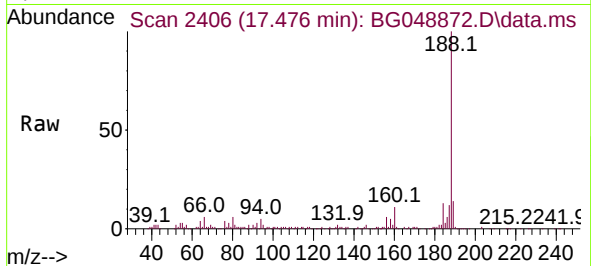




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.476 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

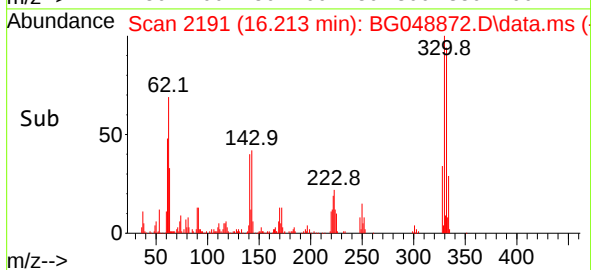
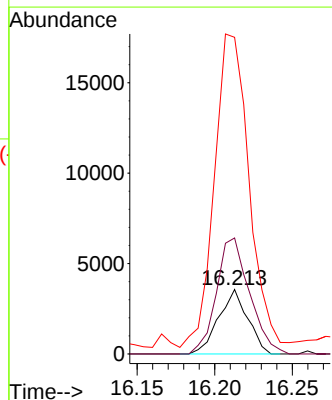
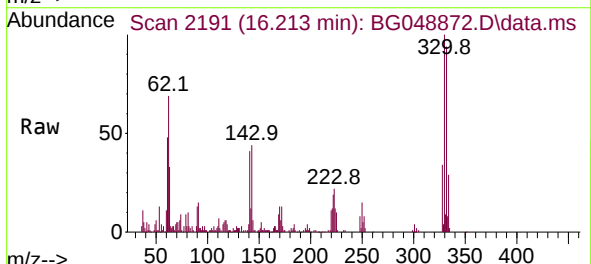
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

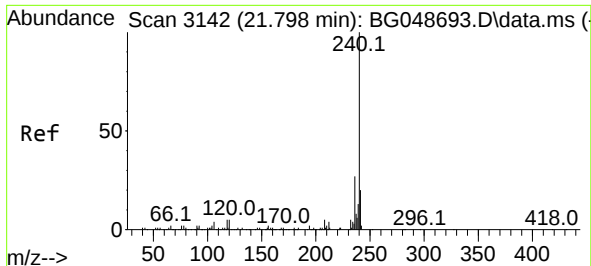
Tgt Ion:188 Resp: 118119
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

Tgt Ion:248 Resp: 4638
Ion Ratio Lower Upper
248 100
250 179.9 76.1 114.1#
141 490.7 65.4 98.2#

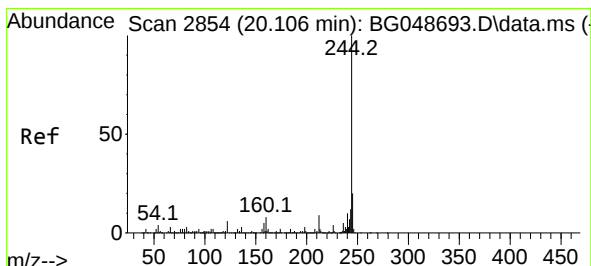
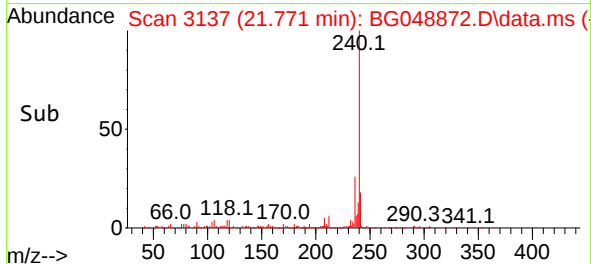
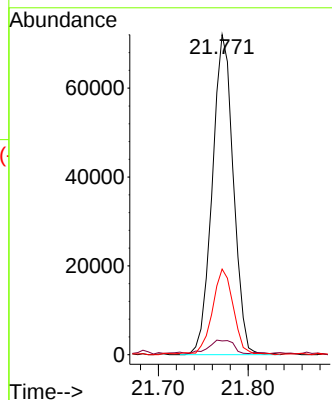
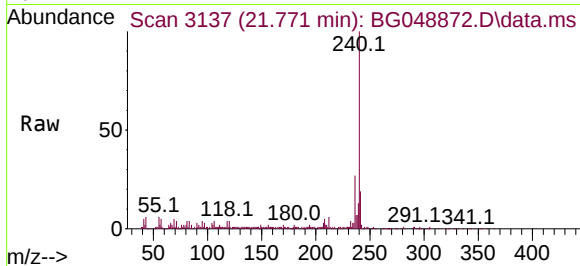




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

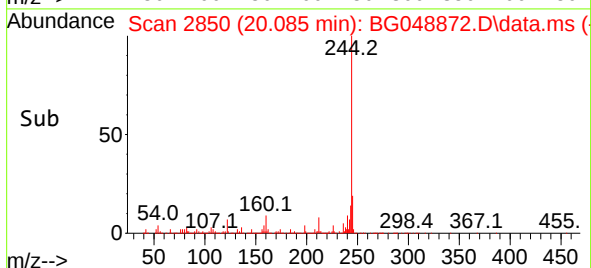
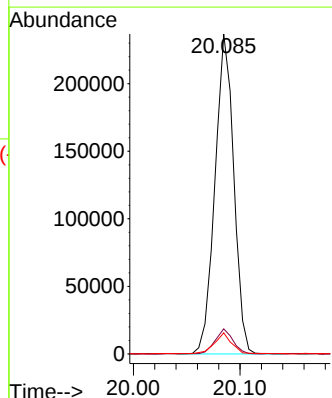
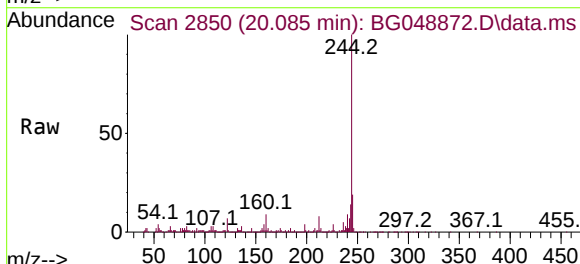
Instrument :
BNA_G
ClientSampleId :
SB-34-9.5-10.0

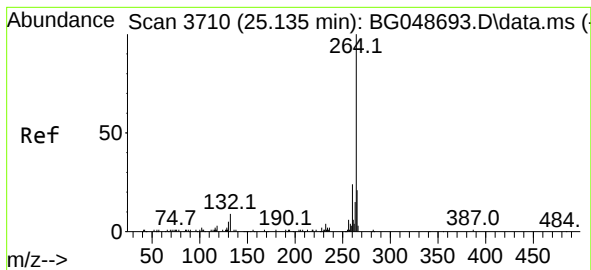
Tgt Ion:240 Resp: 117531
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 26.8 21.8 32.6



#79
Terphenyl-d14
Concen: 42.42 ng
RT: 20.085 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048872.D
Acq: 23 Apr 2021 20:53

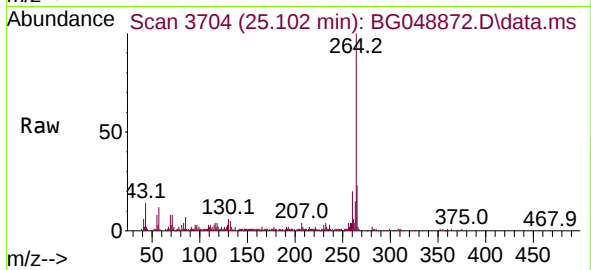
Tgt Ion:244 Resp: 289655
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.102 min Scan# 3704
 Delta R.T. -0.009 min
 Lab File: BG048872.D
 Acq: 23 Apr 2021 20:53

Instrument :
 BNA_G
 ClientSampleId :
 SB-34-9.5-10.0



Tgt Ion:264	Resp:	120994
Ion	Ratio	Lower Upper
264	100	
260	20.1	19.4 29.2
265	22.7	16.9 25.3

