

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
 Data File : BG048142.D
 Acq On : 11 Feb 2021 19:14
 Operator : CG/JU
 Sample : M1388-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BP25

Quant Time: Feb 11 23:43:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 17:26:23 2021
 Response via : Initial Calibration

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

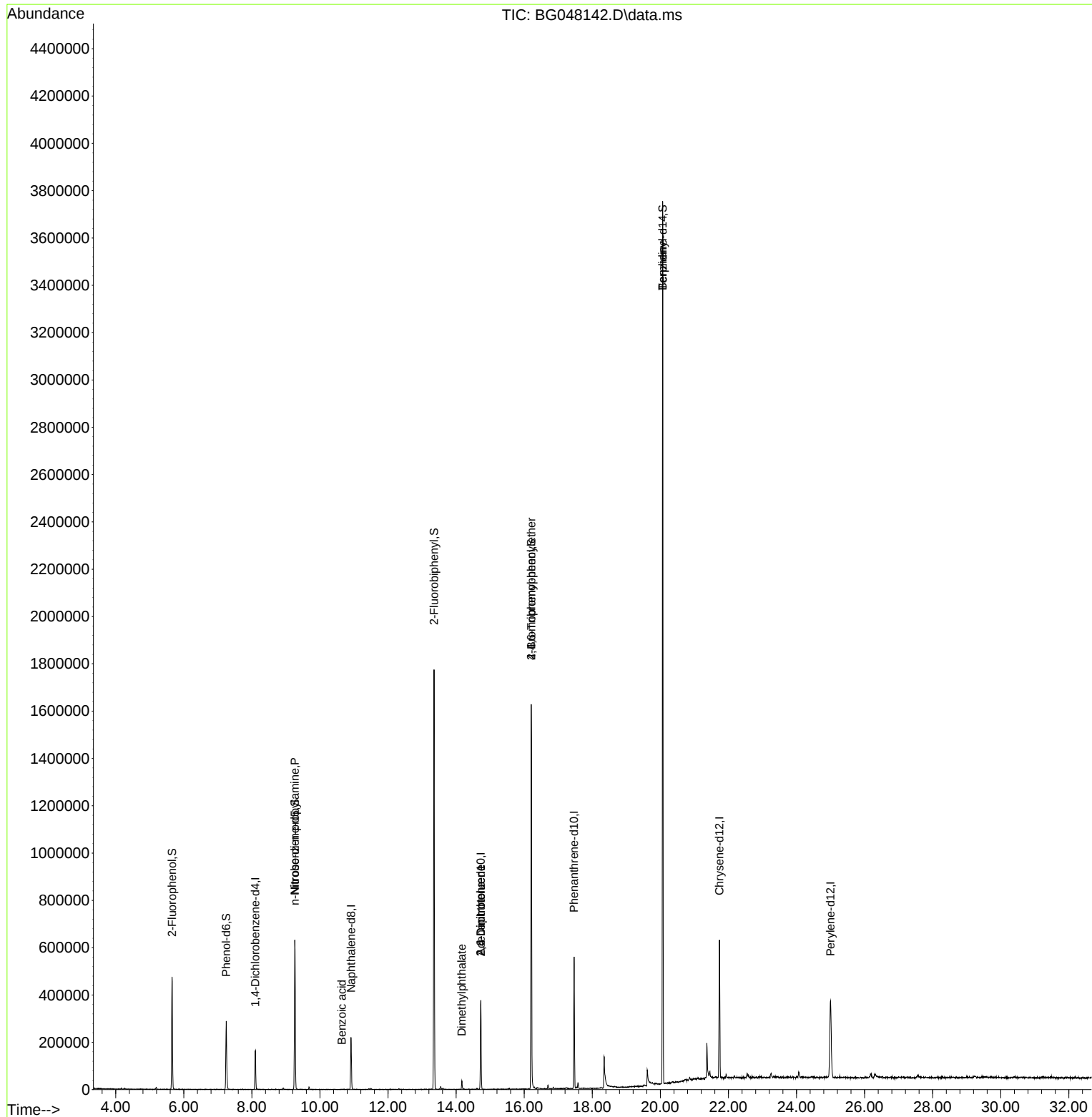
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	44717	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	174310	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	131914	20.00	ng	0.00
64) Phenanthrene-d10	17.465	188	343472	20.00	ng	# 0.00
76) Chrysene-d12	21.736	240	374989	20.00	ng	# 0.00
86) Perylene-d12	24.997	264	365412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	193047	73.49	ng	0.00
7) Phenol-d6	7.247	99	156682	39.26	ng	0.00
23) Nitrobenzene-d5	9.262	82	391830	95.09	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	306075	145.06	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	896940	95.32	ng	0.00
79) Terphenyl-d14	20.067	244	1647771	80.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	55649	18.06	ng	# 75
32) Benzoic acid	10.643	122	63	4.17	ng	# 1
50) Dimethylphthalate	14.169	163	22487	2.04	ng	# 95
51) 2,6-Dinitrotoluene	14.727	165	17368	7.01	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	17368	4.85	ng	# 33
67) 4-Bromophenyl-phenylether	16.207	248	21517	4.89	ng	# 1
77) Benzidine	20.067	184	30170	2.46	ng	96

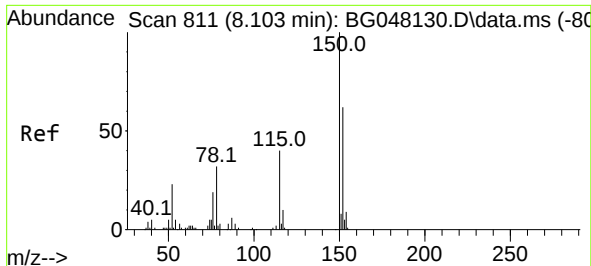
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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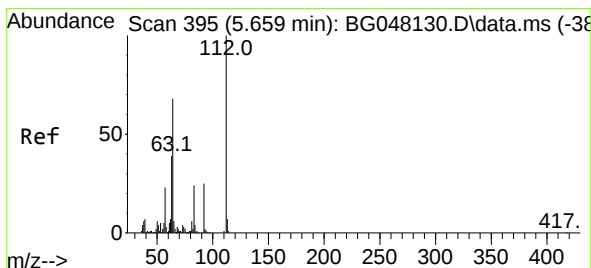
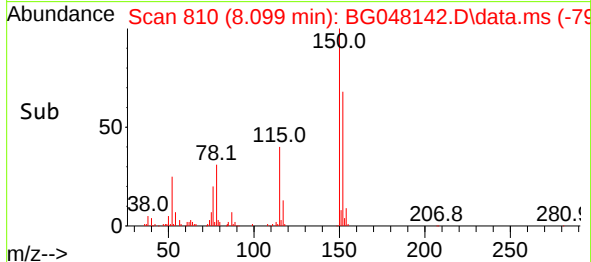
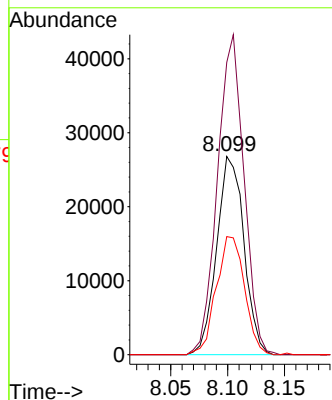
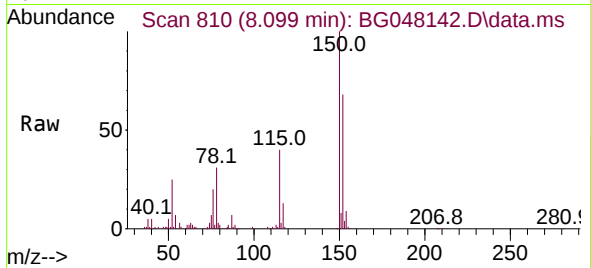




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

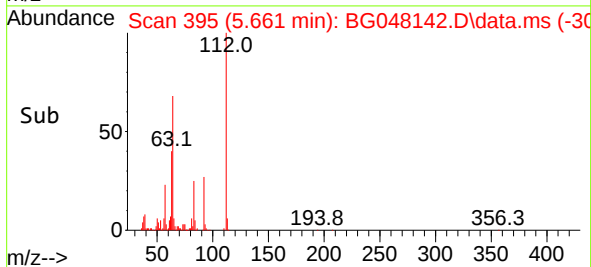
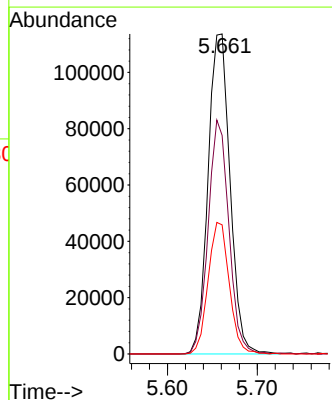
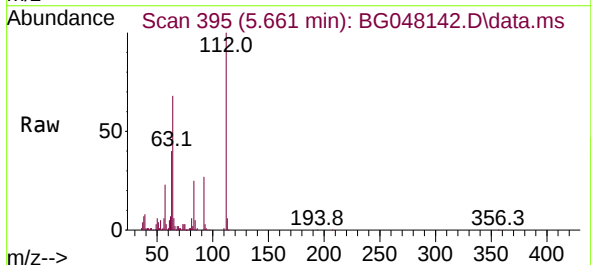
Instrument :
BNA_G
ClientSampleId :
FB-BP25

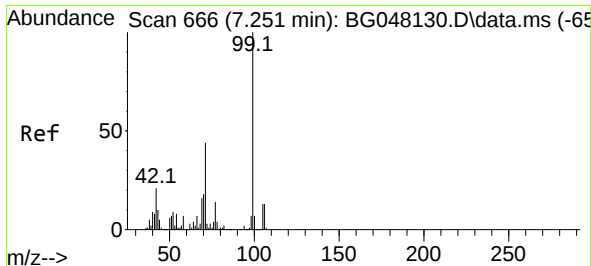
Tgt Ion:152 Resp: 44717
Ion Ratio Lower Upper
152 100
150 147.4 125.0 187.6
115 59.6 41.8 62.6



#5
2-Fluorophenol
Concen: 73.49 ng
RT: 5.661 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:112 Resp: 193047
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 40.3 22.8 34.2#

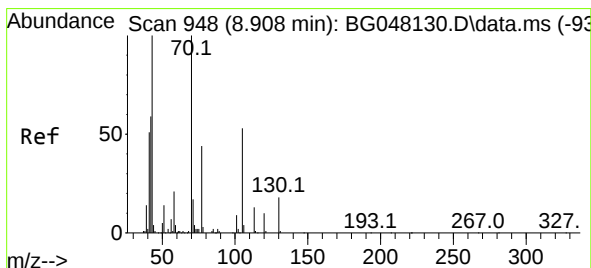
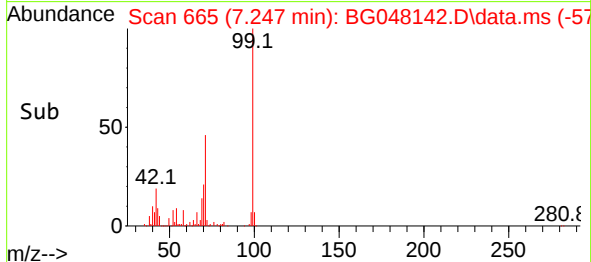
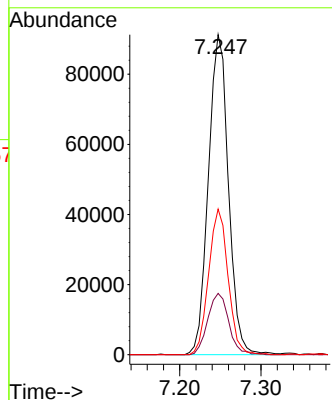
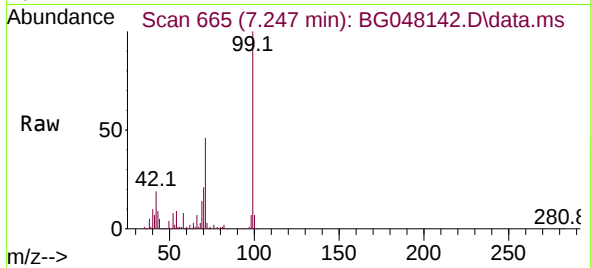




#7
Phenol-d6
Concen: 39.26 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

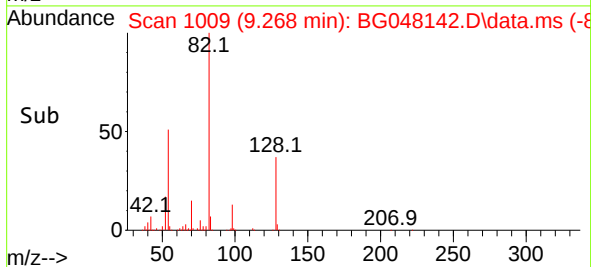
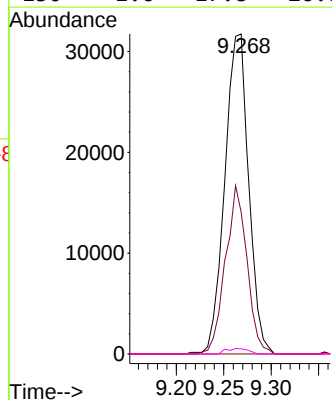
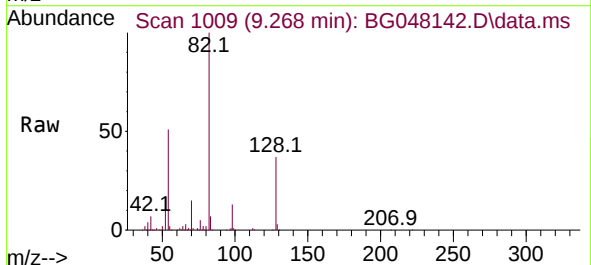
Instrument :
BNA_G
ClientSampleId :
FB-BP25

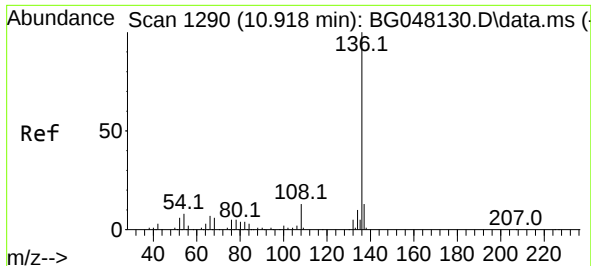
Tgt Ion: 99 Resp: 156682
Ion Ratio Lower Upper
99 100
42 19.2 12.8 19.2
71 45.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.06 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.360 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion: 70 Resp: 55649
Ion Ratio Lower Upper
70 100
42 44.3 45.6 68.4#
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

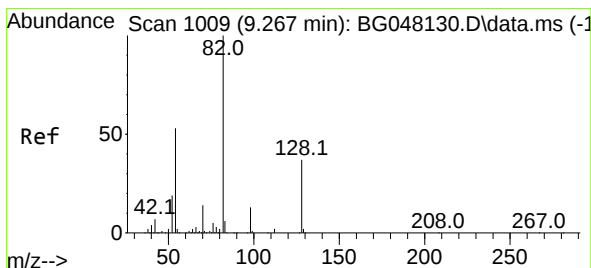
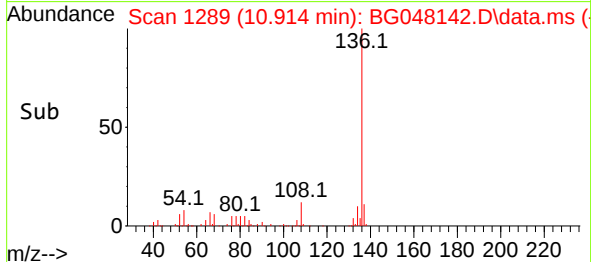
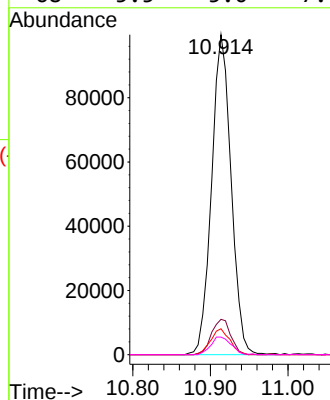
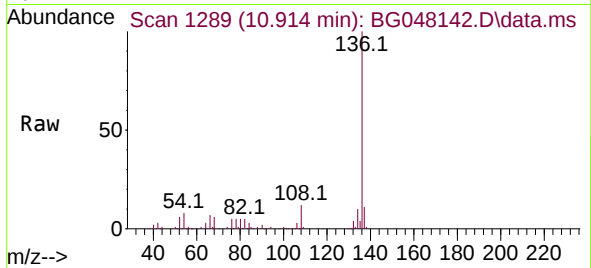




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

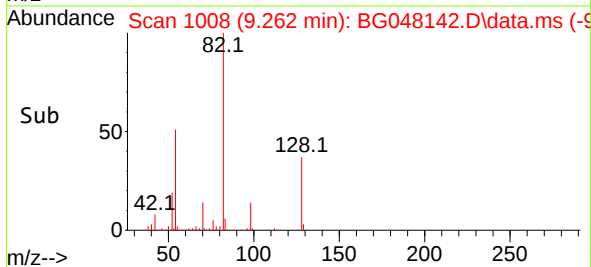
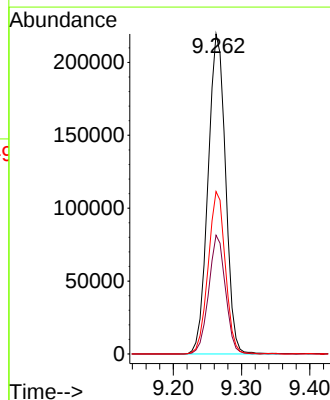
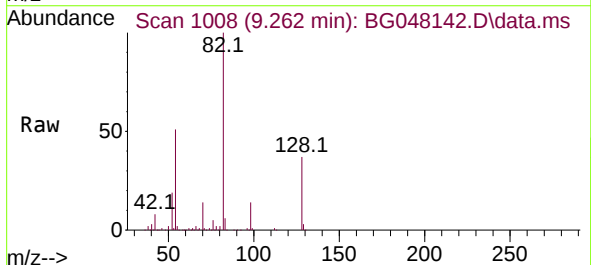
Instrument :
BNA_G
ClientSampleId :
FB-BP25

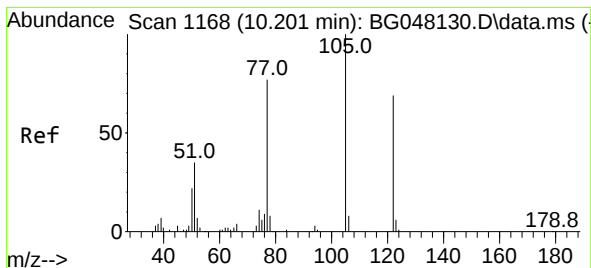
Tgt Ion:	136	Resp:	174310
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.1	6.2	9.4
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.09 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:	82	Resp:	391830
Ion Ratio	Lower	Upper	
82	100		
128	37.1	37.0	55.6
54	50.7	39.0	58.4

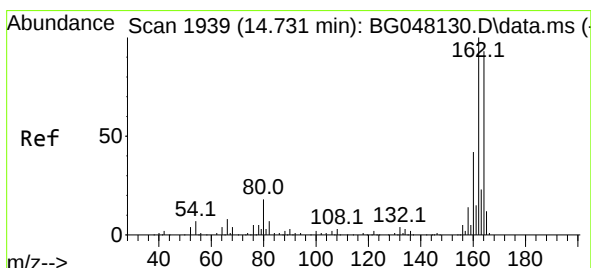
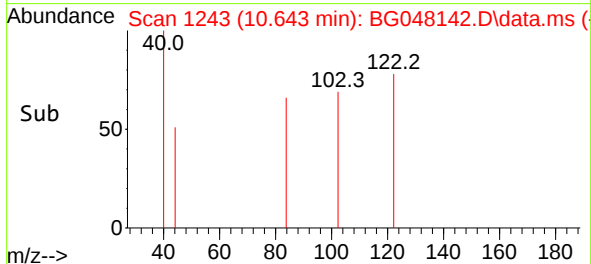
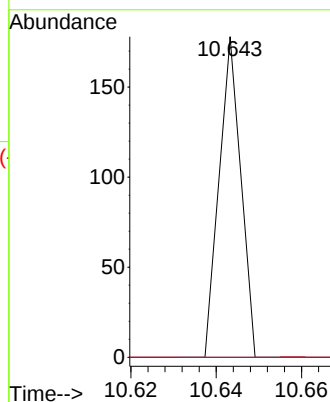
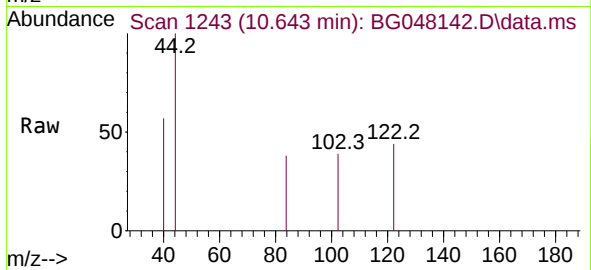




#32
Benzoic acid
Concen: 4.17 ng
RT: 10.643 min Scan# 1243
Delta R.T. 0.442 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

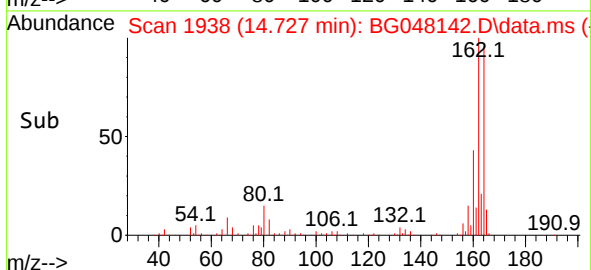
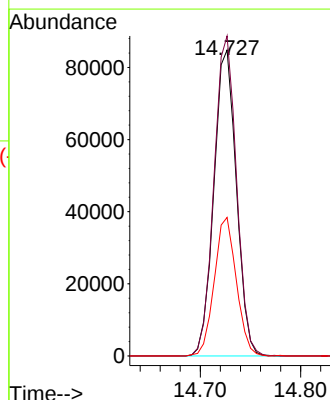
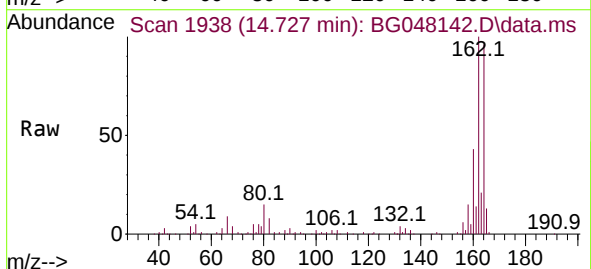
Instrument :
BNA_G
ClientSampleId :
FB-BP25

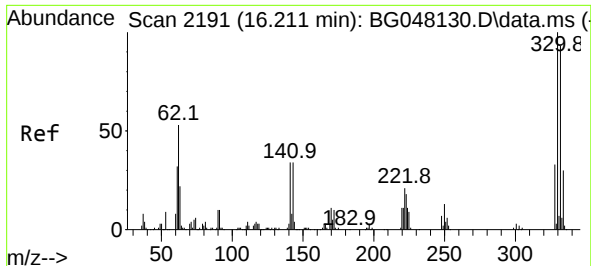
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:164 Resp: 131914
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 45.3 35.3 52.9

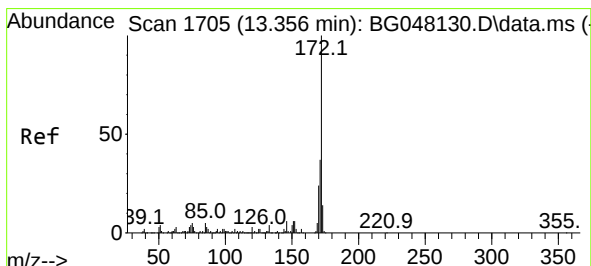
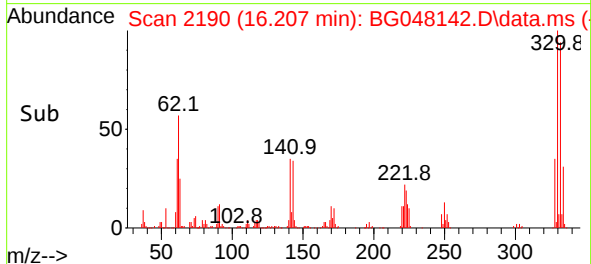
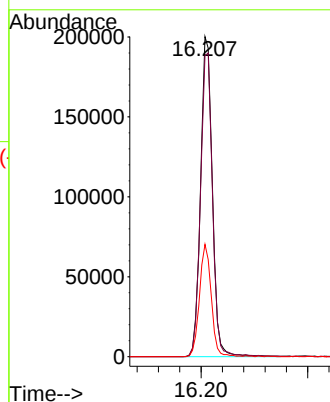
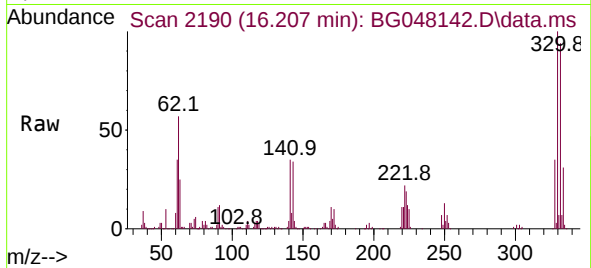




#42
2,4,6-Tribromophenol
Concen: 145.06 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

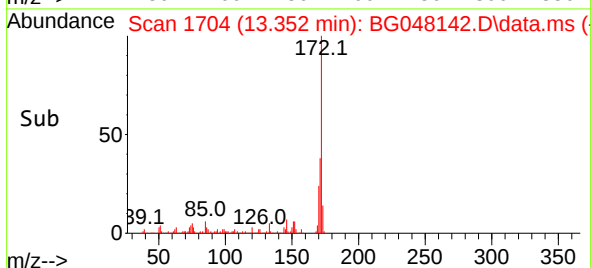
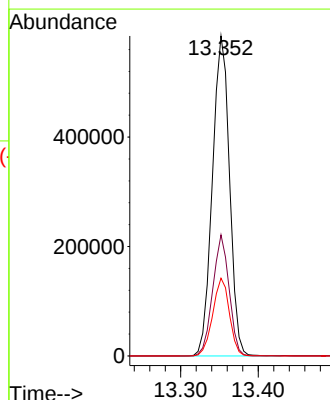
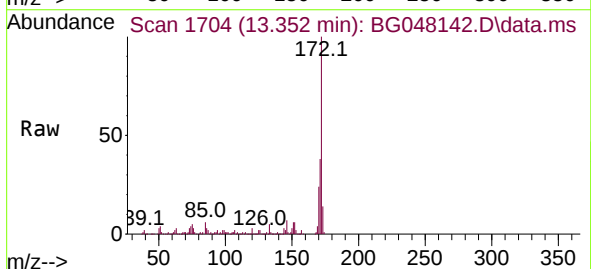
Instrument :
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ClientSampleId :
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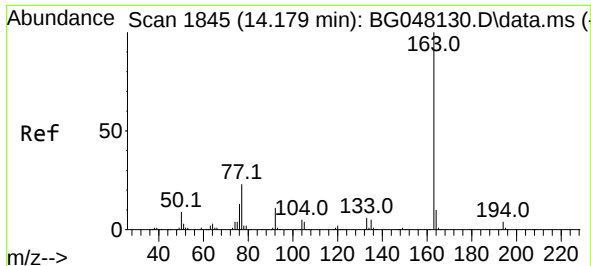
Tgt Ion:330 Resp: 306075
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 95.32 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:172 Resp: 896940
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.3 20.8 31.2

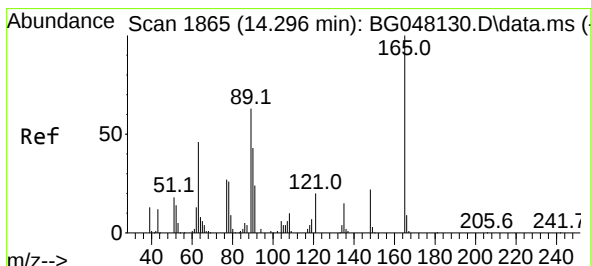
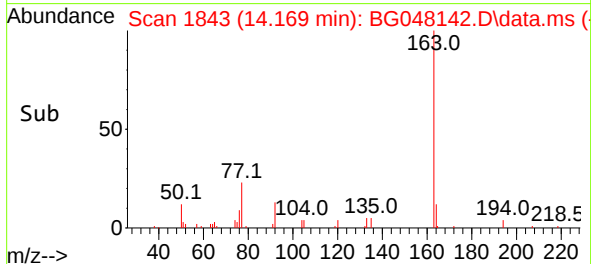
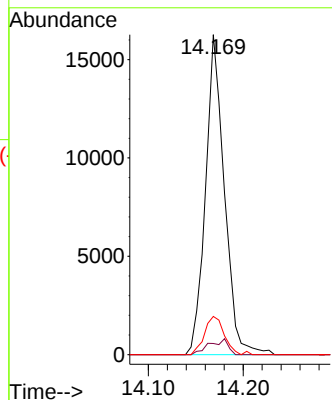
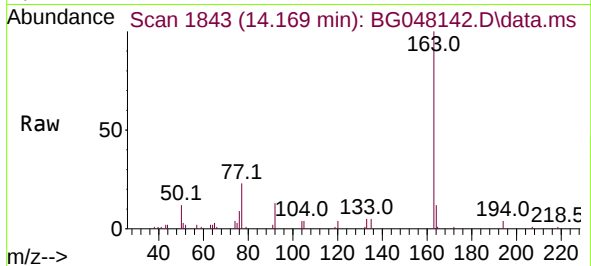




#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.010 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

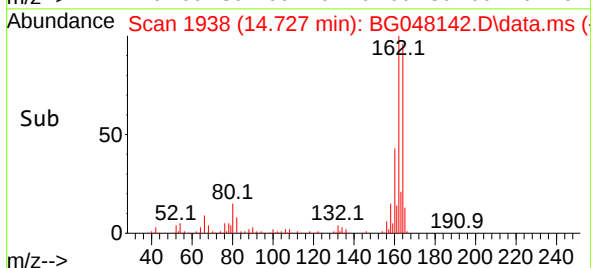
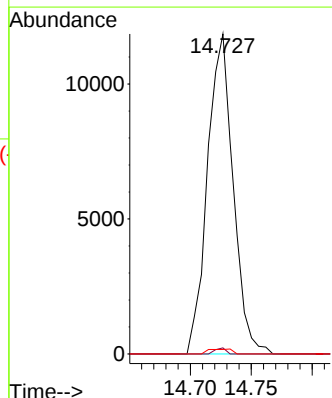
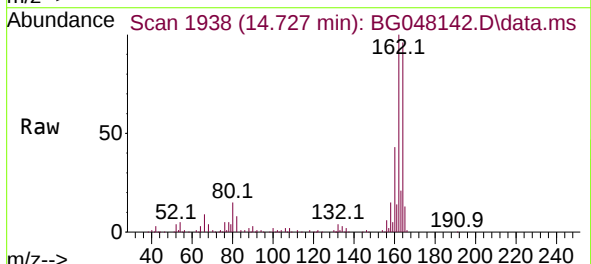
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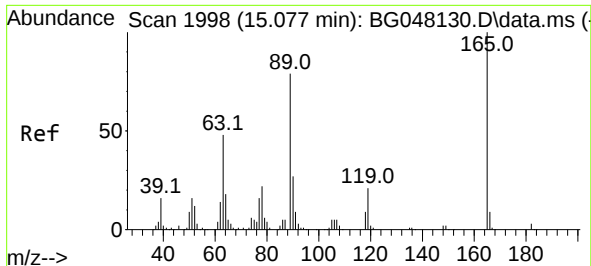
Tgt Ion:163 Resp: 22487
Ion Ratio Lower Upper
163 100
194 3.5 3.8 5.8#
164 13.3 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 7.01 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:165 Resp: 17368
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 1.4 36.6 54.8#

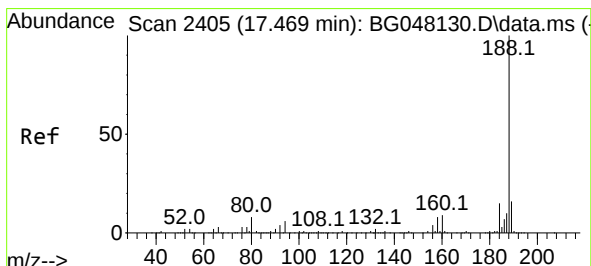
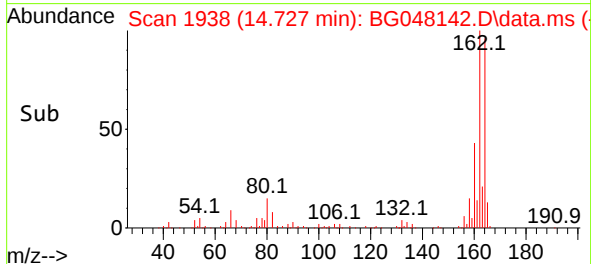
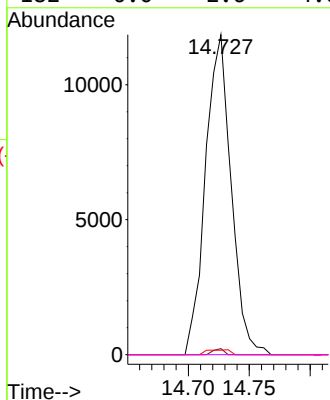
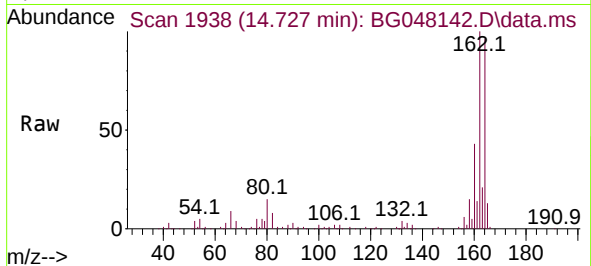




#57
2,4-Dinitrotoluene
Concen: 4.85 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

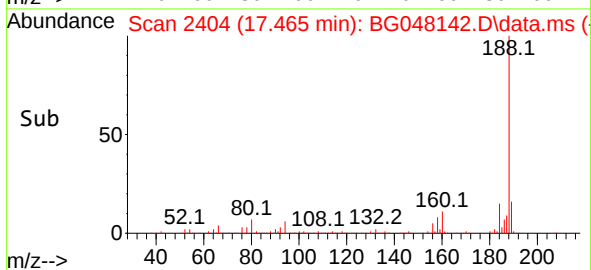
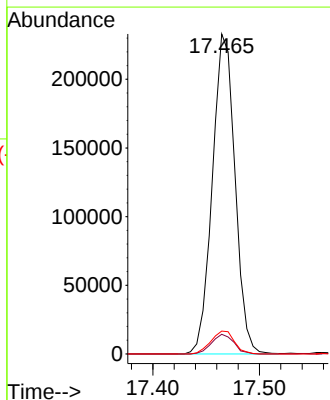
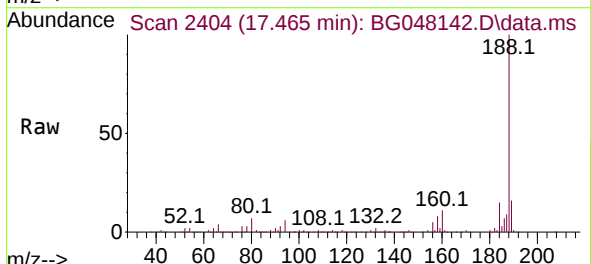
Instrument :
BNA_G
ClientSampleId :
FB-BP25

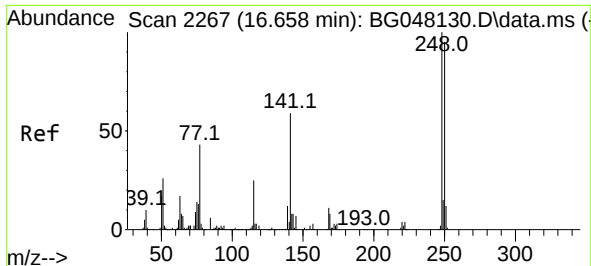
Tgt Ion:165	Resp:	17368
Ion Ratio	Lower	Upper
165	100	
63	1.9	26.4 39.6#
89	1.4	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.465 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:188	Resp:	343472
Ion Ratio	Lower	Upper
188	100	
94	6.2	6.3 9.5#
80	7.1	7.0 10.6

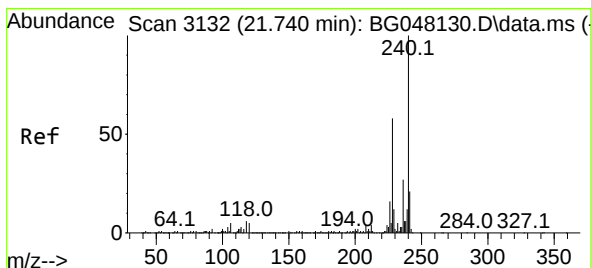
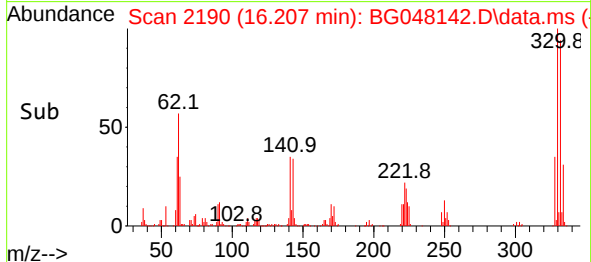
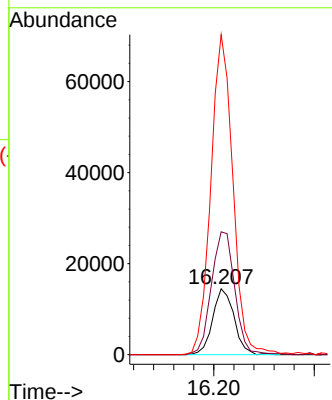
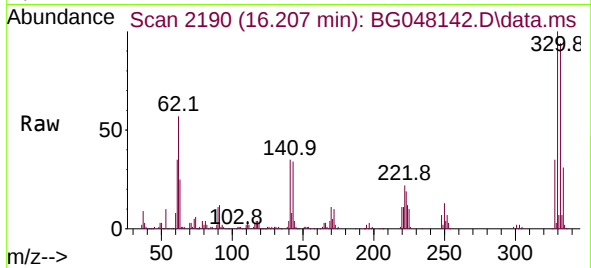




#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.451 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

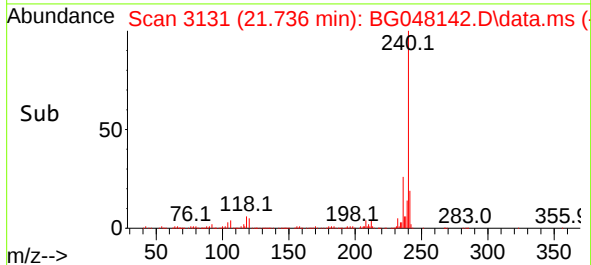
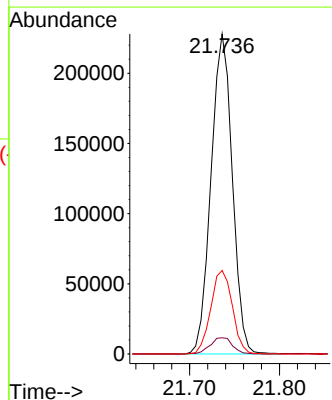
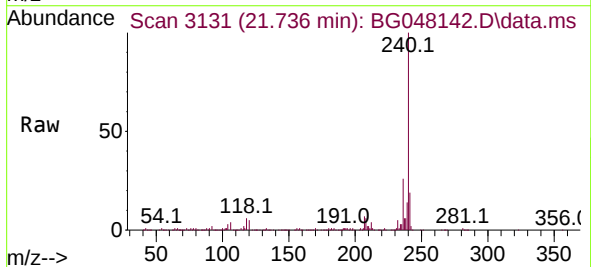
Instrument :
BNA_G
ClientSampled :
FB-BP25

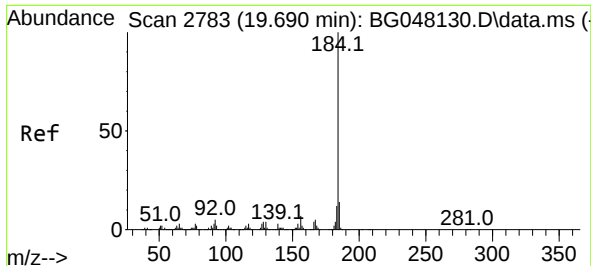
Tgt Ion:248 Resp: 21517
Ion Ratio Lower Upper
248 100
250 186.3 78.9 118.3#
141 485.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.736 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:240 Resp: 374989
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.1 20.5 30.7

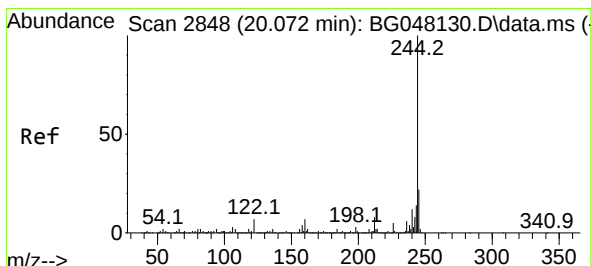
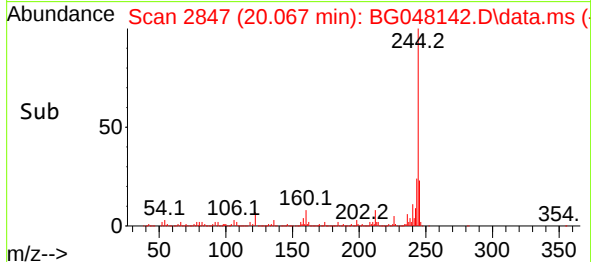
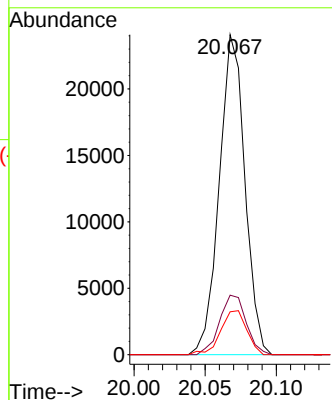
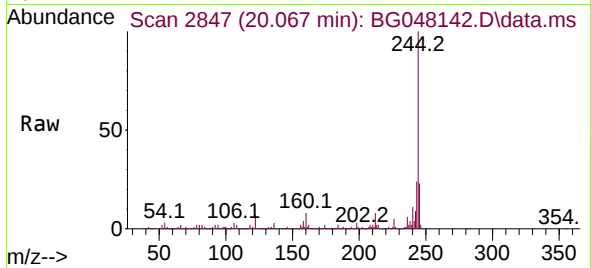




#77
Benzidine
Concen: 2.46 ng
RT: 20.067 min Scan# 2847
Delta R.T. 0.378 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

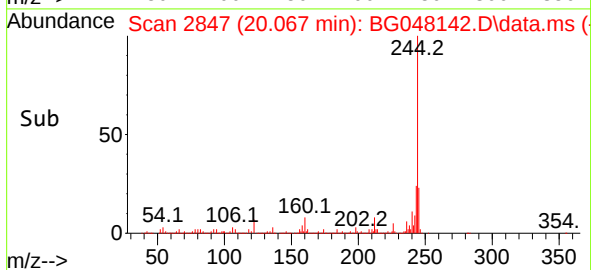
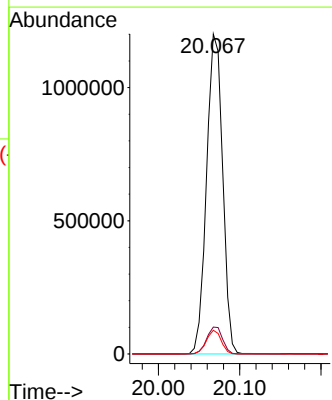
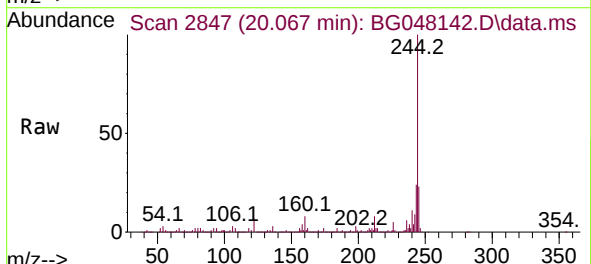
Instrument :
BNA_G
ClientSampleId :
FB-BP25

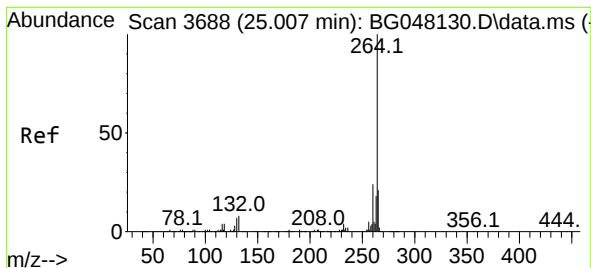
Tgt Ion:184 Resp: 30170
Ion Ratio Lower Upper
184 100
185 18.6 12.4 18.6
183 13.4 10.6 15.8



#79
Terphenyl-d14
Concen: 80.30 ng
RT: 20.067 min Scan# 2847
Delta R.T. -0.004 min
Lab File: BG048142.D
Acq: 11 Feb 2021 19:14

Tgt Ion:244 Resp: 1647771
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.997 min Scan# 3686
 Delta R.T. -0.010 min
 Lab File: BG048142.D
 Acq: 11 Feb 2021 19:14

Instrument :
 BNA_G
 ClientSampleId :
 FB-BP25

Tgt Ion:264 Resp: 365412
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.8 28.2
 265 21.0 17.8 26.8

