

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048015.D
 Acq On : 26 Jan 2021 20:34
 Operator : CG/JU
 Sample : M1188-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-SWITCH-GEAR

Quant Time: Jan 26 23:33:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

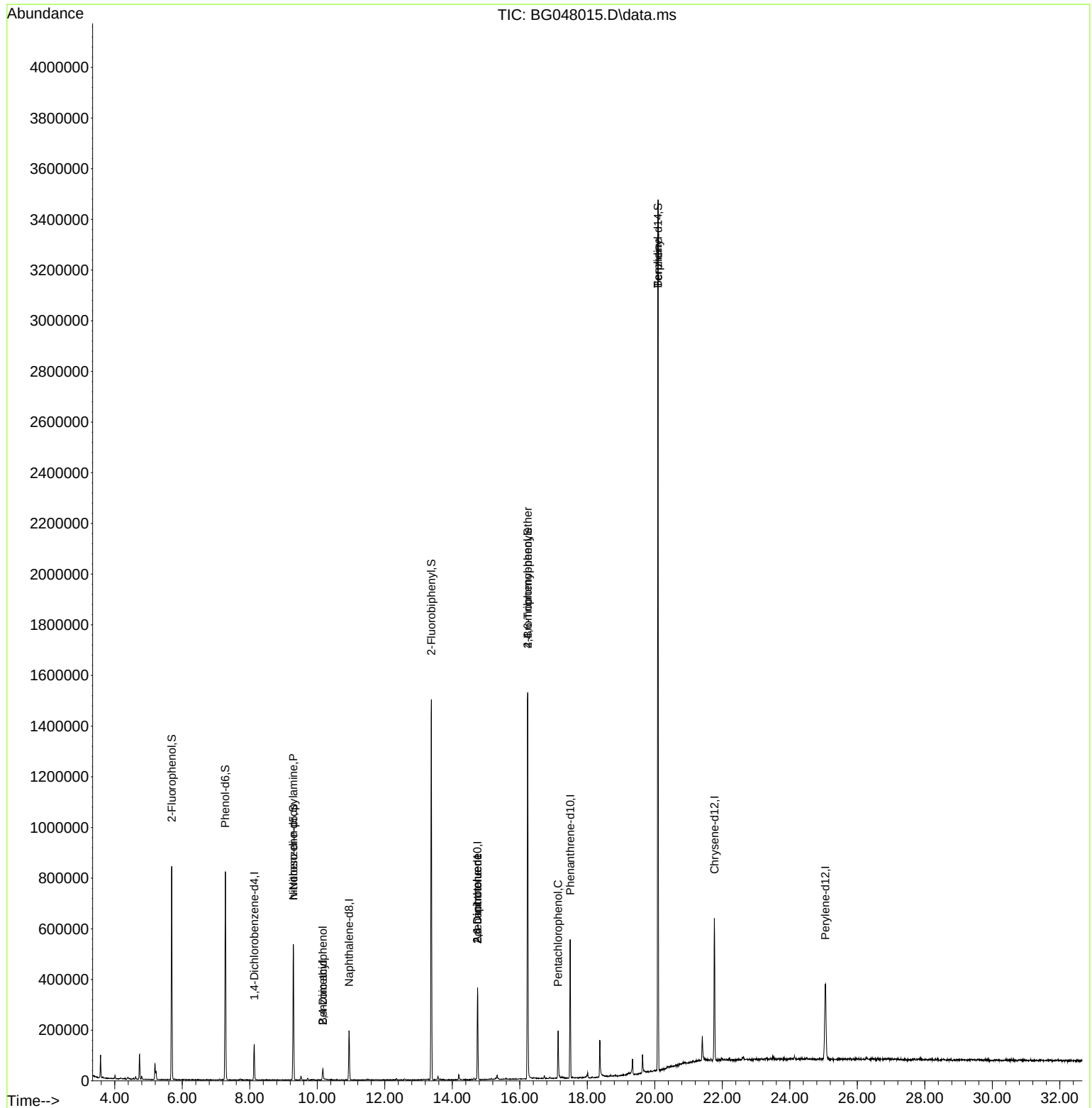
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	37332	20.00	ng	# 0.00
21) Naphthalene-d8	10.943	136	154088	20.00	ng	# 0.00
39) Acenaphthene-d10	14.750	164	123311	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	344374	20.00	ng	0.00
76) Chrysene-d12	21.765	240	348458	20.00	ng	# 0.00
86) Perylene-d12	25.056	264	337276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	335433	138.09	ng	0.00
7) Phenol-d6	7.276	99	450047	121.85	ng	0.00
23) Nitrobenzene-d5	9.292	82	332078	85.27	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	308457	150.19	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	779889	81.77	ng	0.00
79) Terphenyl-d14	20.097	244	1515969	75.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.292	70	47059	17.46	ng	# 79
27) 2,4-Dimethylphenol	10.167	122	16156	6.93	ng	# 4
32) Benzoic acid	10.167	122	16156	7.74	ng	88
51) 2,6-Dinitrotoluene	14.750	165	16884	7.28	ng	# 37
57) 2,4-Dinitrotoluene	14.750	165	16884	5.04	ng	# 34
67) 4-Bromophenyl-phenylether	16.236	248	21676	4.71	ng	# 1
70) Pentachlorophenol	17.135	266	37946	12.49	ng	97
77) Benzidine	20.097	184	26386	2.62	ng	96

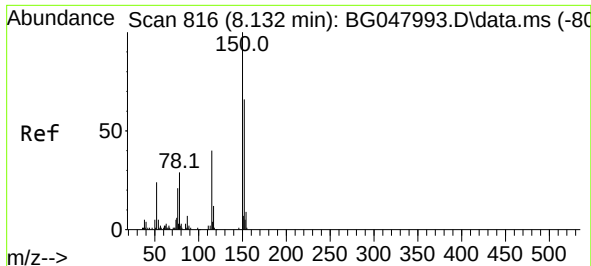
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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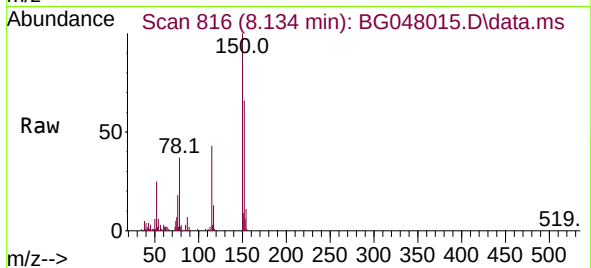
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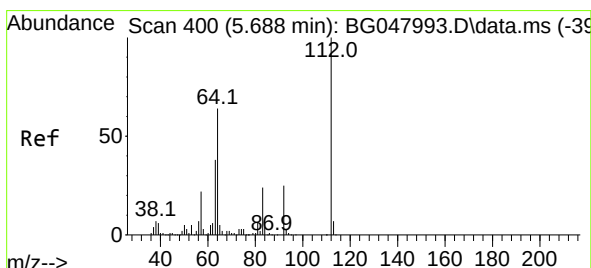
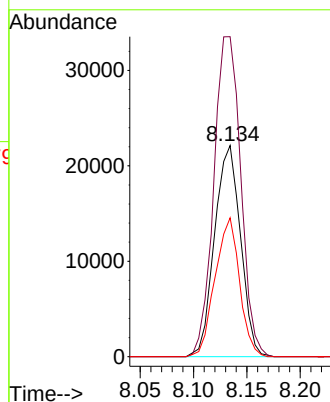
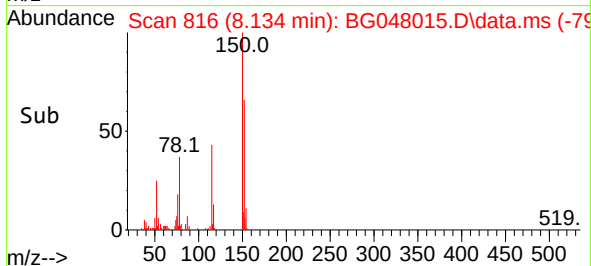


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.134 min Scan# 816
Delta R.T. 0.002 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

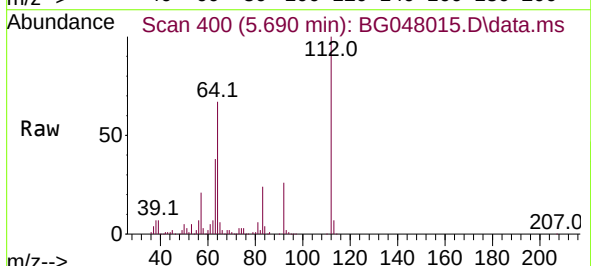
Instrument :
BNA_G
ClientSampleId :
TP-SWITCH-GEAR



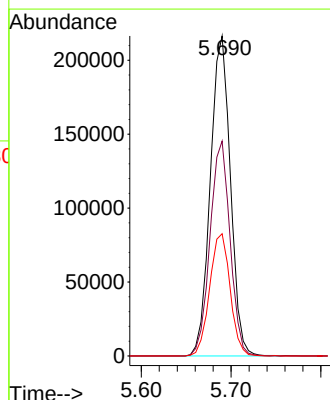
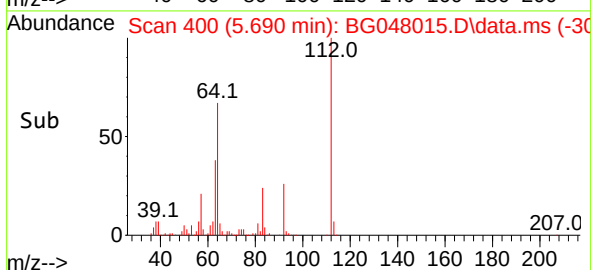
Tgt Ion:152 Resp: 37332
Ion Ratio Lower Upper
152 100
150 151.6 125.0 187.6
115 65.8 41.8 62.6#

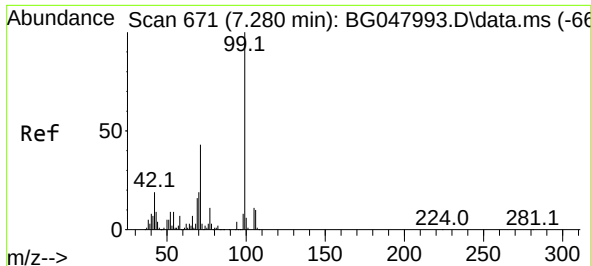


#5
2-Fluorophenol
Concen: 138.09 ng
RT: 5.690 min Scan# 400
Delta R.T. 0.002 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34



Tgt Ion:112 Resp: 335433
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 38.2 22.8 34.2#

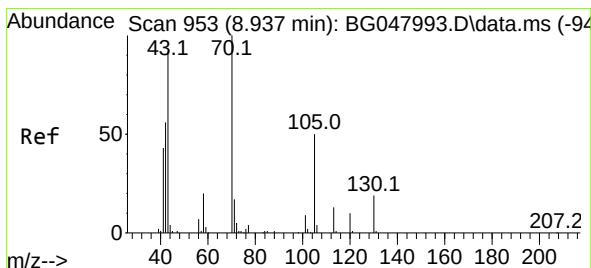
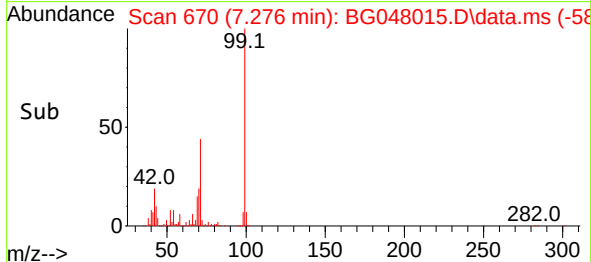
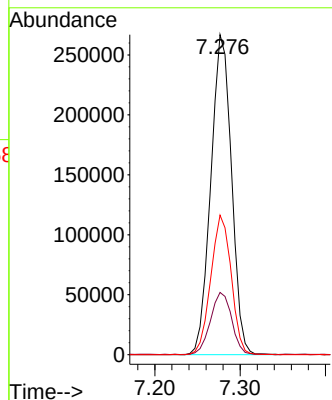
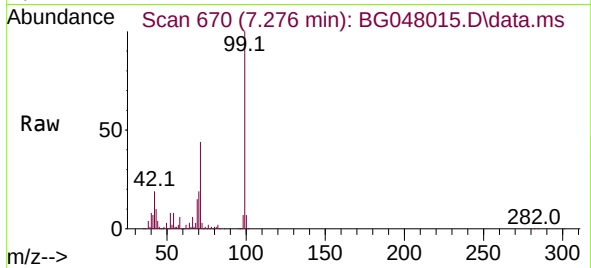




#7
Phenol-d6
Concen: 121.85 ng
RT: 7.276 min Scan# 670
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

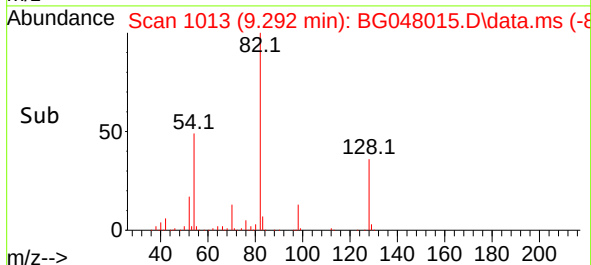
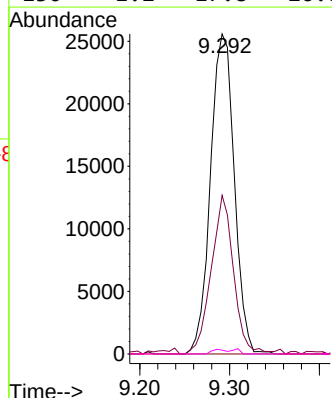
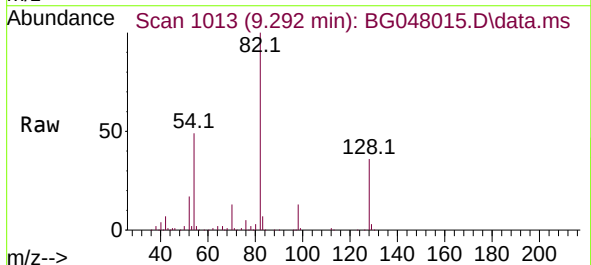
Instrument :
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ClientSampleId :
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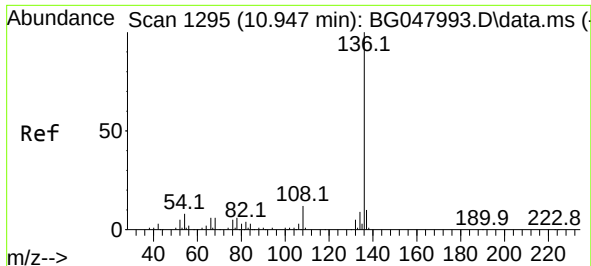
Tgt Ion: 99 Resp: 450047
Ion Ratio Lower Upper
99 100
42 19.4 12.8 19.2#
71 43.6 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 9.292 min Scan# 1013
Delta R.T. 0.354 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Tgt Ion: 70 Resp: 47059
Ion Ratio Lower Upper
70 100
42 49.5 45.6 68.4
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#

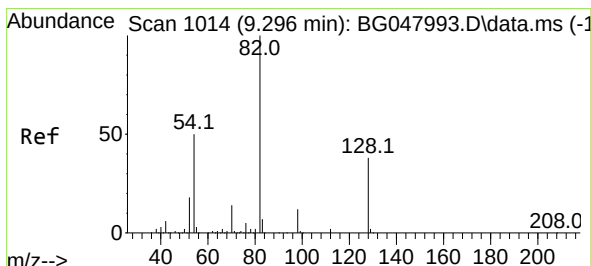
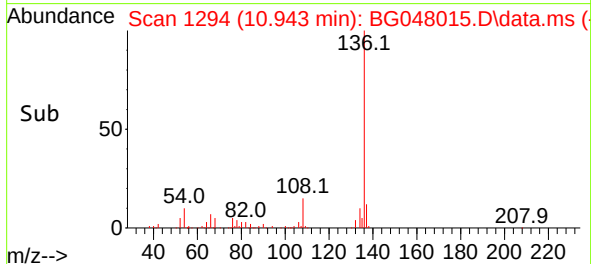
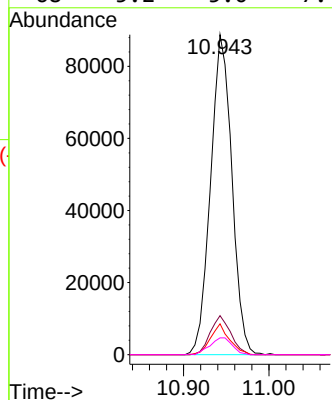
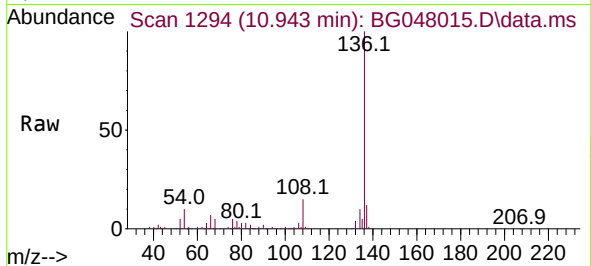




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

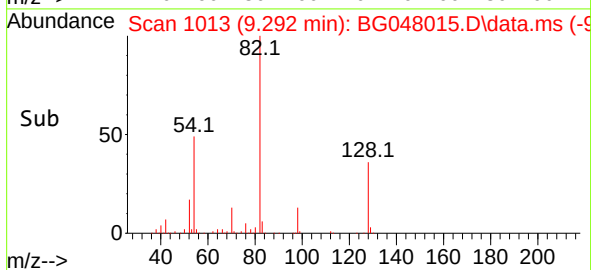
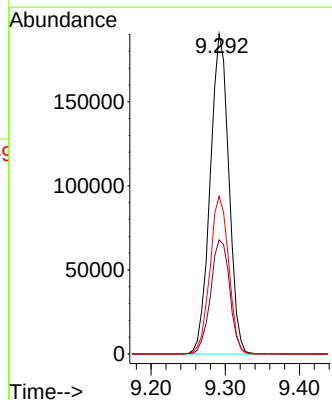
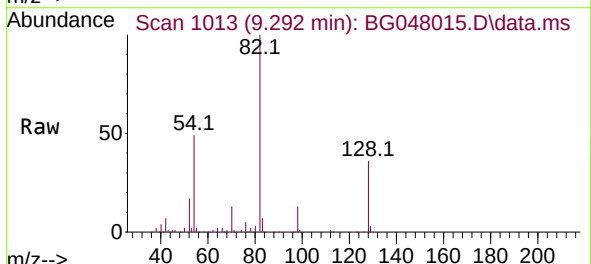
Instrument :
BNA_G
ClientSampleId :
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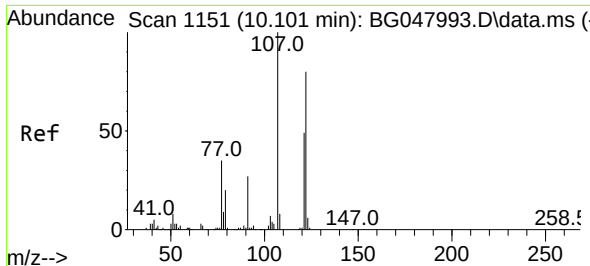
Tgt Ion:	136	Resp:	154088
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.1	13.7
54	9.7	6.2	9.4#
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.27 ng
RT: 9.292 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

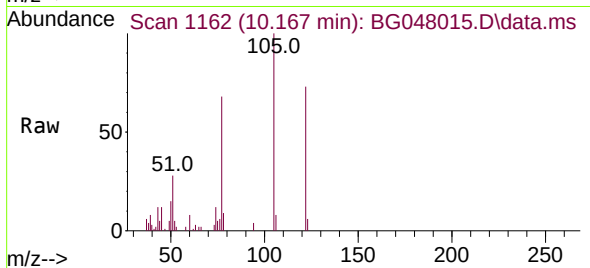
Tgt Ion:	82	Resp:	332078
Ion Ratio	Lower	Upper	
82	100		
128	35.7	37.0	55.6#
54	49.3	39.0	58.4



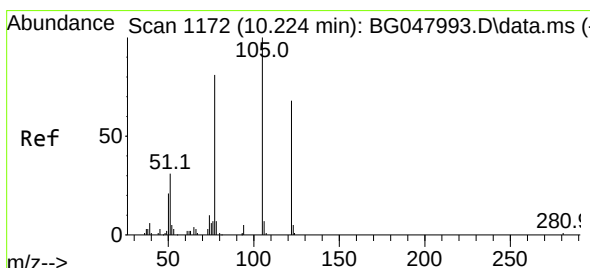
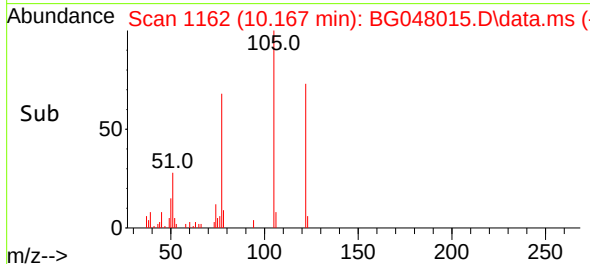
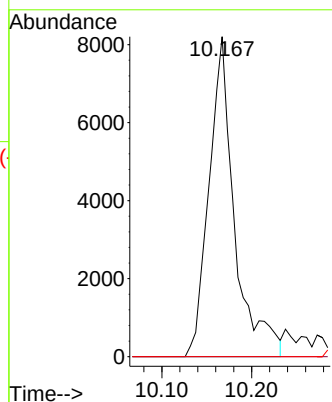


#27
2,4-Dimethylphenol
Concen: 6.93 ng
RT: 10.167 min Scan# 1162
Delta R.T. 0.066 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Instrument :
BNA_G
ClientSampleId :
TP-SWITCH-GEAR

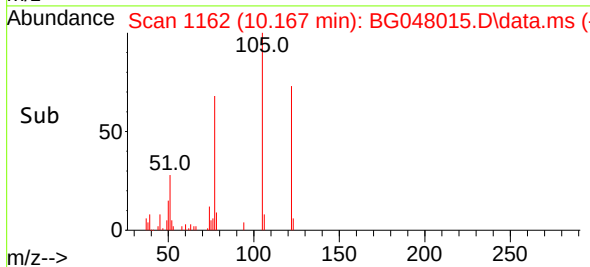
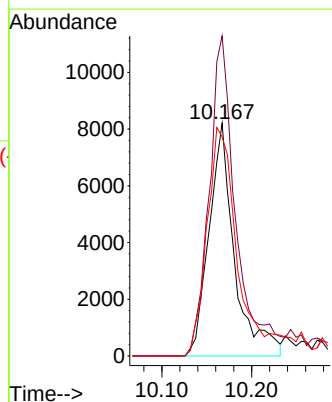
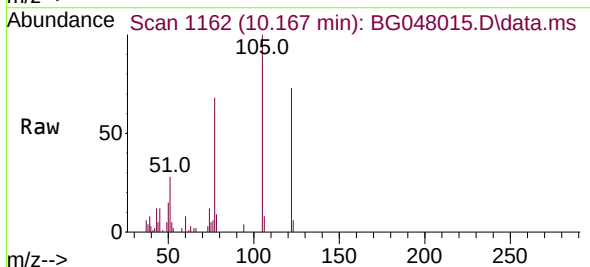


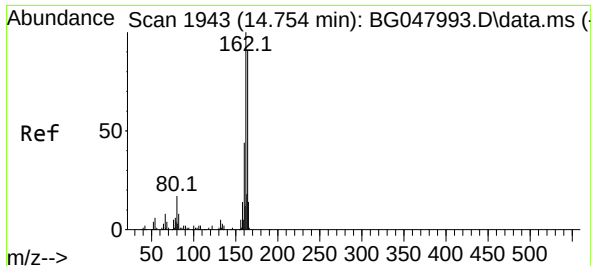
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.2	133.8#
121	0.0	46.9	70.3#



#32
Benzoic acid
Concen: 7.74 ng
RT: 10.167 min Scan# 1162
Delta R.T. -0.057 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.6	103.7	143.7
77	94.2	63.0	103.0

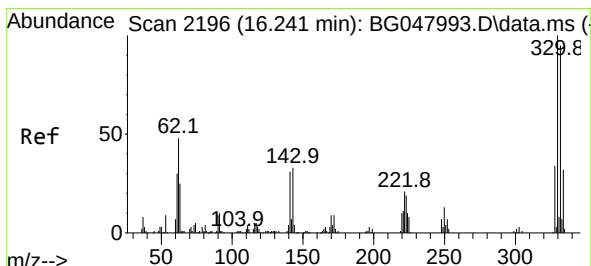
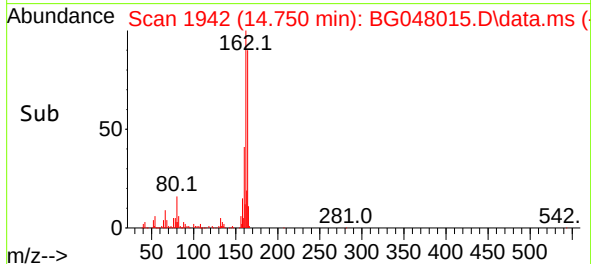
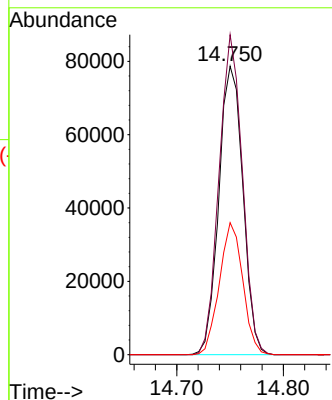
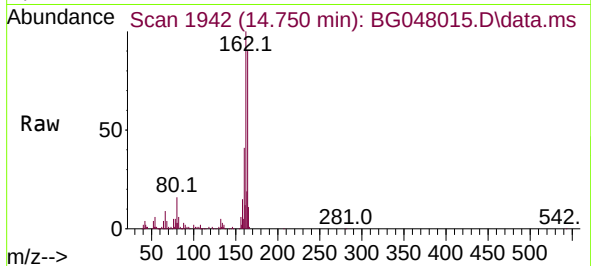




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

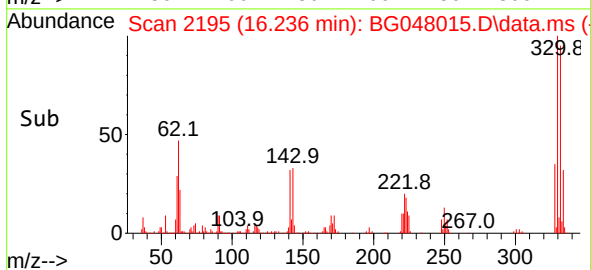
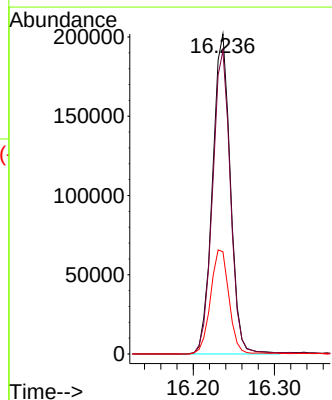
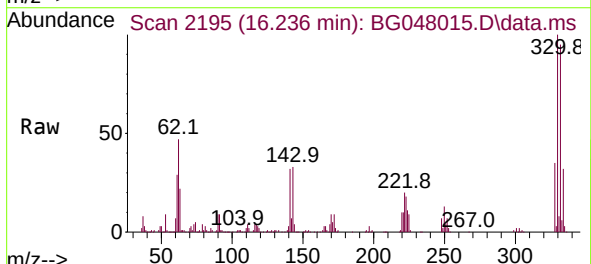
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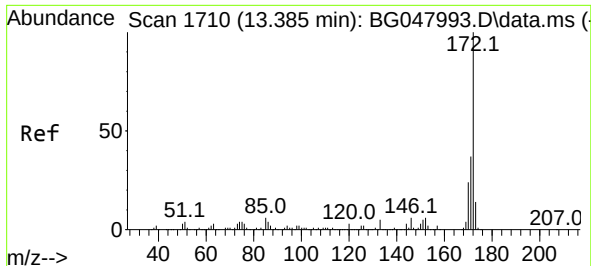
Tgt Ion:	164	Resp:	123311
Ion Ratio	Lower	Upper	
164	100		
162	110.9	82.3	123.5
160	45.8	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 150.19 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

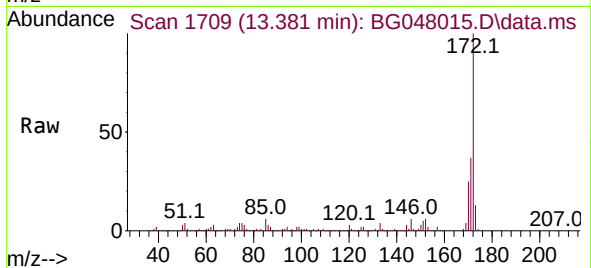
Tgt Ion:	330	Resp:	308457
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.5	114.7
141	33.8	26.0	39.0



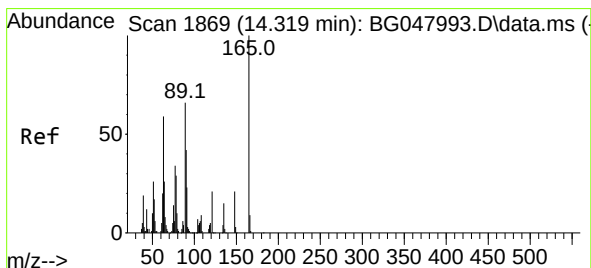
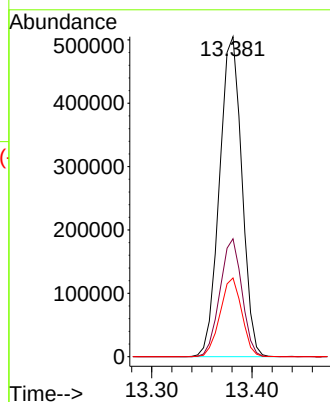
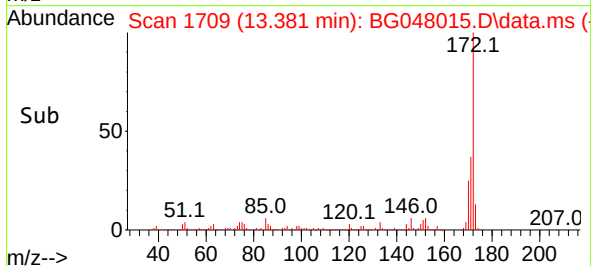


#45
2-Fluorobiphenyl
Concen: 81.77 ng
RT: 13.381 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

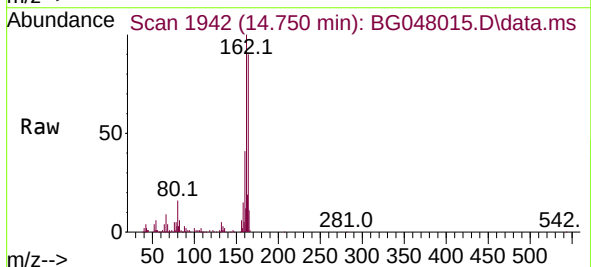
Instrument :
BNA_G
ClientSampleId :
TP-SWITCH-GEAR



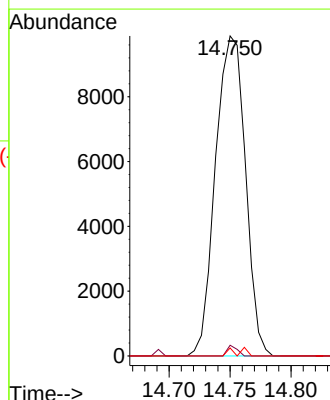
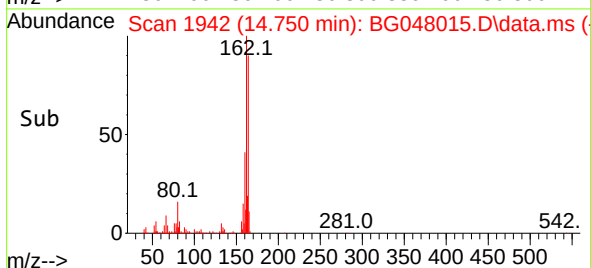
Tgt Ion:172 Resp: 779889
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.6 20.8 31.2

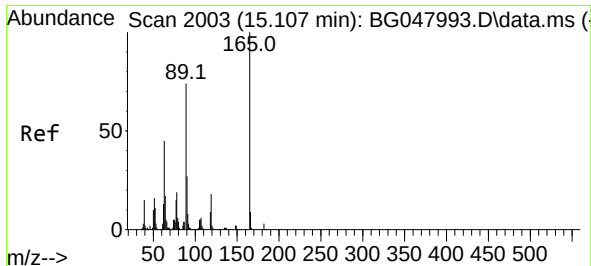


#51
2,6-Dinitrotoluene
Concen: 7.28 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34



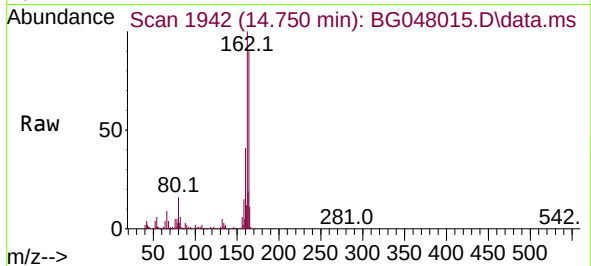
Tgt Ion:165 Resp: 16884
Ion Ratio Lower Upper
165 100
63 3.3 33.7 50.5#
89 2.5 36.6 54.8#



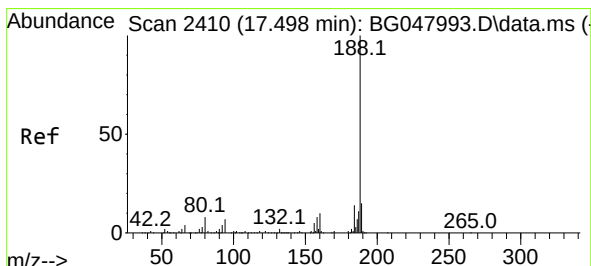
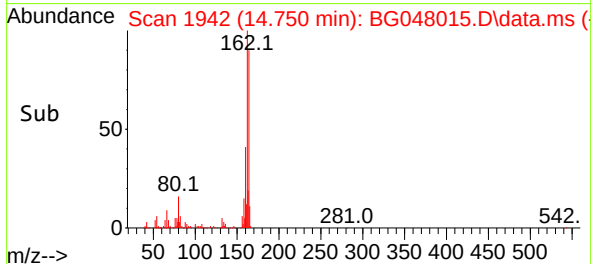
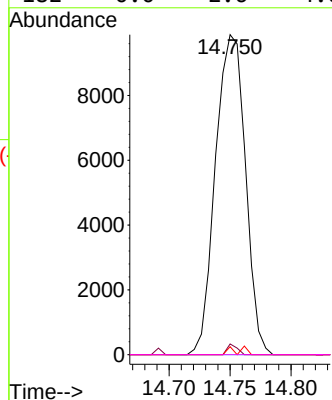


#57
2,4-Dinitrotoluene
Concen: 5.04 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.357 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Instrument :
BNA_G
ClientSampleId :
TP-SWITCH-GEAR

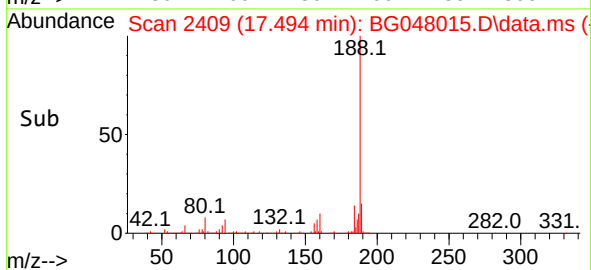
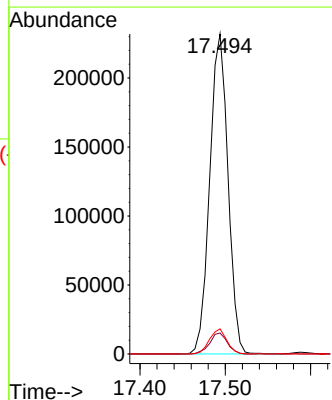
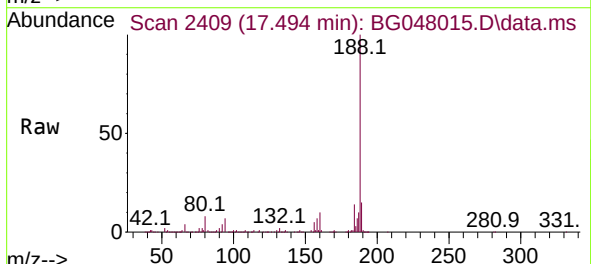


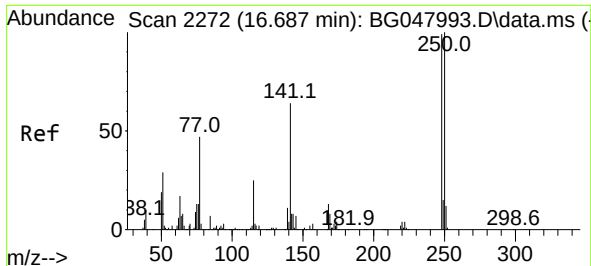
Tgt Ion:165 Resp: 16884
Ion Ratio Lower Upper
165 100
63 3.3 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Tgt Ion:188 Resp: 344374
Ion Ratio Lower Upper
188 100
94 6.5 6.3 9.5
80 7.8 7.0 10.6

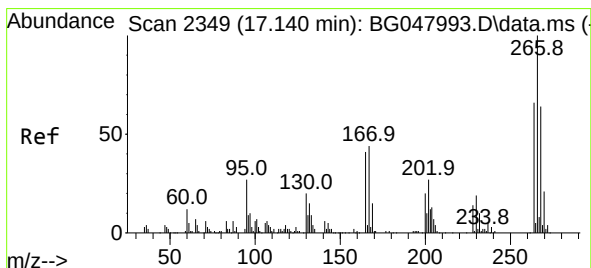
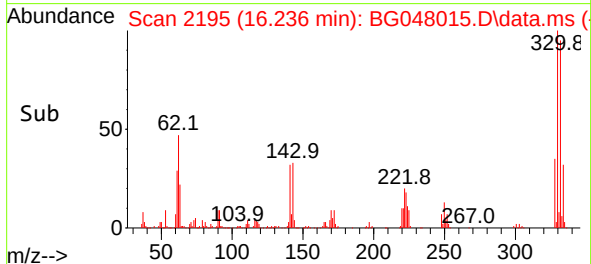
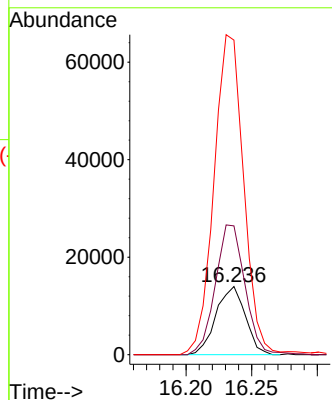
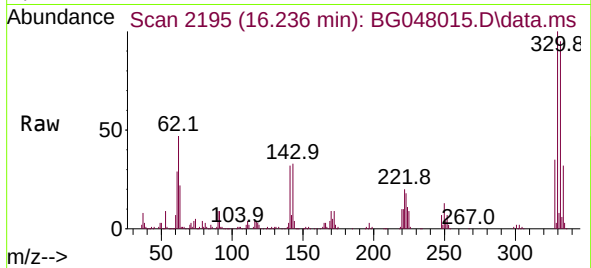




#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.451 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

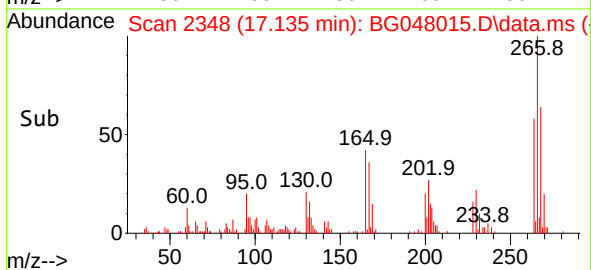
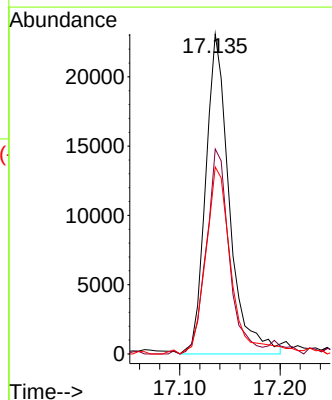
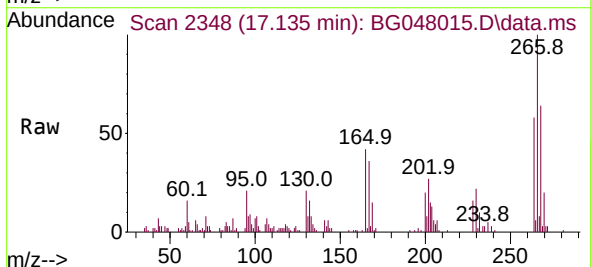
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BNA_G
ClientSampleId :
TP-SWITCH-GEAR

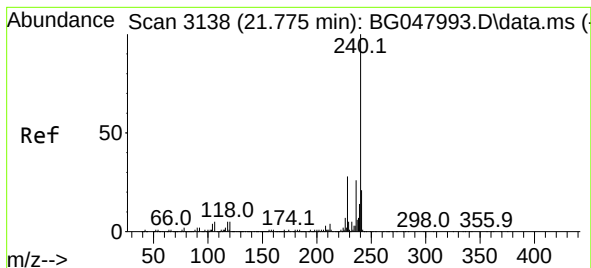
Tgt Ion:248 Resp: 21676
Ion Ratio Lower Upper
248 100
250 189.1 78.9 118.3#
141 461.8 46.2 69.4#



#70
Pentachlorophenol
Concen: 12.49 ng
RT: 17.135 min Scan# 2348
Delta R.T. -0.004 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Tgt Ion:266 Resp: 37946
Ion Ratio Lower Upper
266 100
268 64.0 49.8 74.6
264 58.4 49.3 73.9

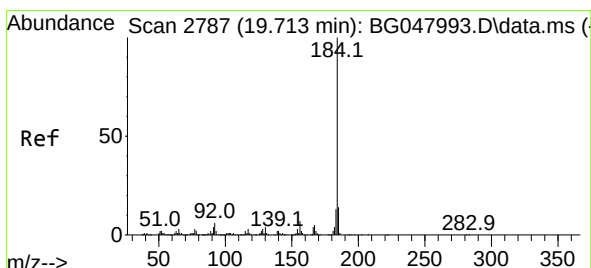
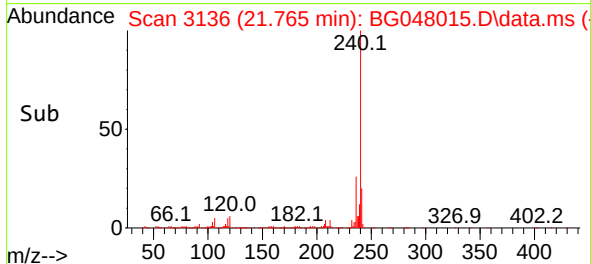
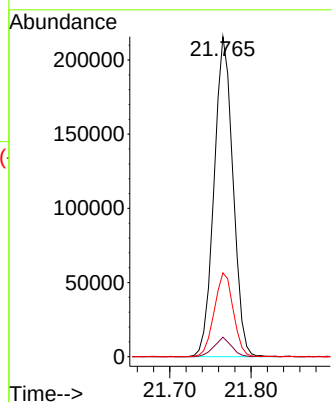
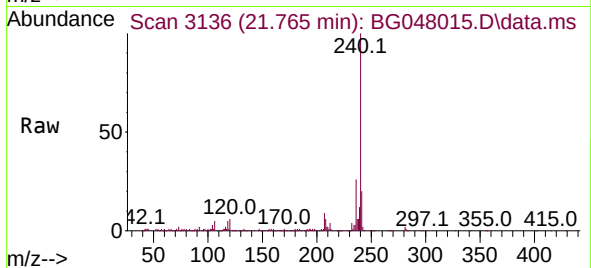




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

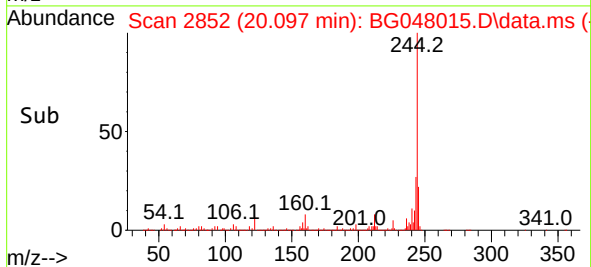
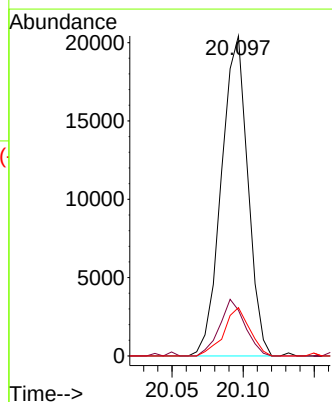
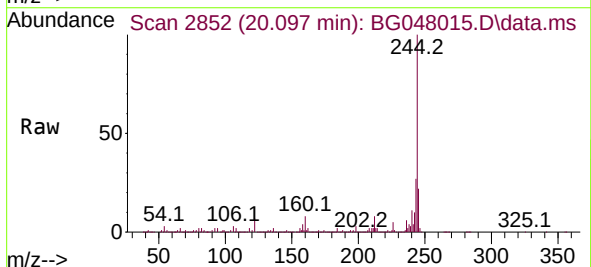
Instrument :
BNA_G
ClientSampleId :
TP-SWITCH-GEAR

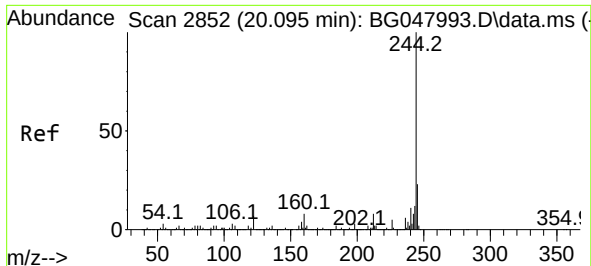
Tgt Ion:240 Resp: 348458
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.62 ng
RT: 20.097 min Scan# 2852
Delta R.T. 0.384 min
Lab File: BG048015.D
Acq: 26 Jan 2021 20:34

Tgt Ion:184 Resp: 26386
Ion Ratio Lower Upper
184 100
185 14.3 12.4 18.6
183 15.1 10.6 15.8

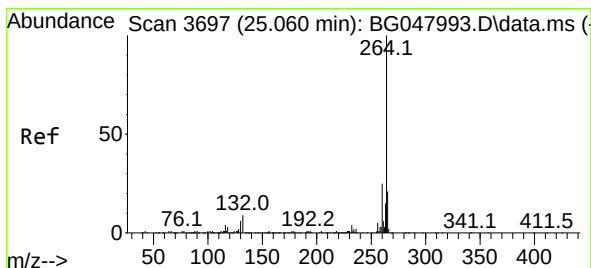
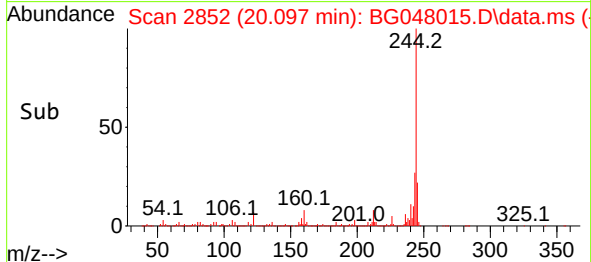
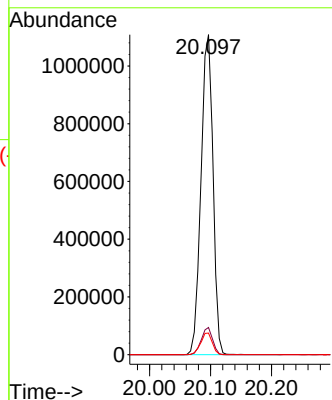
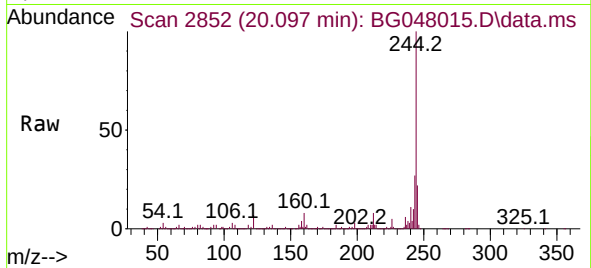




#79
 Terphenyl-d14
 Concen: 75.43 ng
 RT: 20.097 min Scan# 2852
 Delta R.T. 0.002 min
 Lab File: BG048015.D
 Acq: 26 Jan 2021 20:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-SWITCH-GEAR

Tgt Ion:244 Resp: 1515969
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.7 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.056 min Scan# 3696
 Delta R.T. -0.004 min
 Lab File: BG048015.D
 Acq: 26 Jan 2021 20:34

Tgt Ion:264 Resp: 337276
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 20.9 17.8 26.8

