

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048345.D
 Acq On : 5 Mar 2021 19:47
 Operator : CG/JU
 Sample : M1568-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EASTSIDE

Quant Time: Mar 06 01:01:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

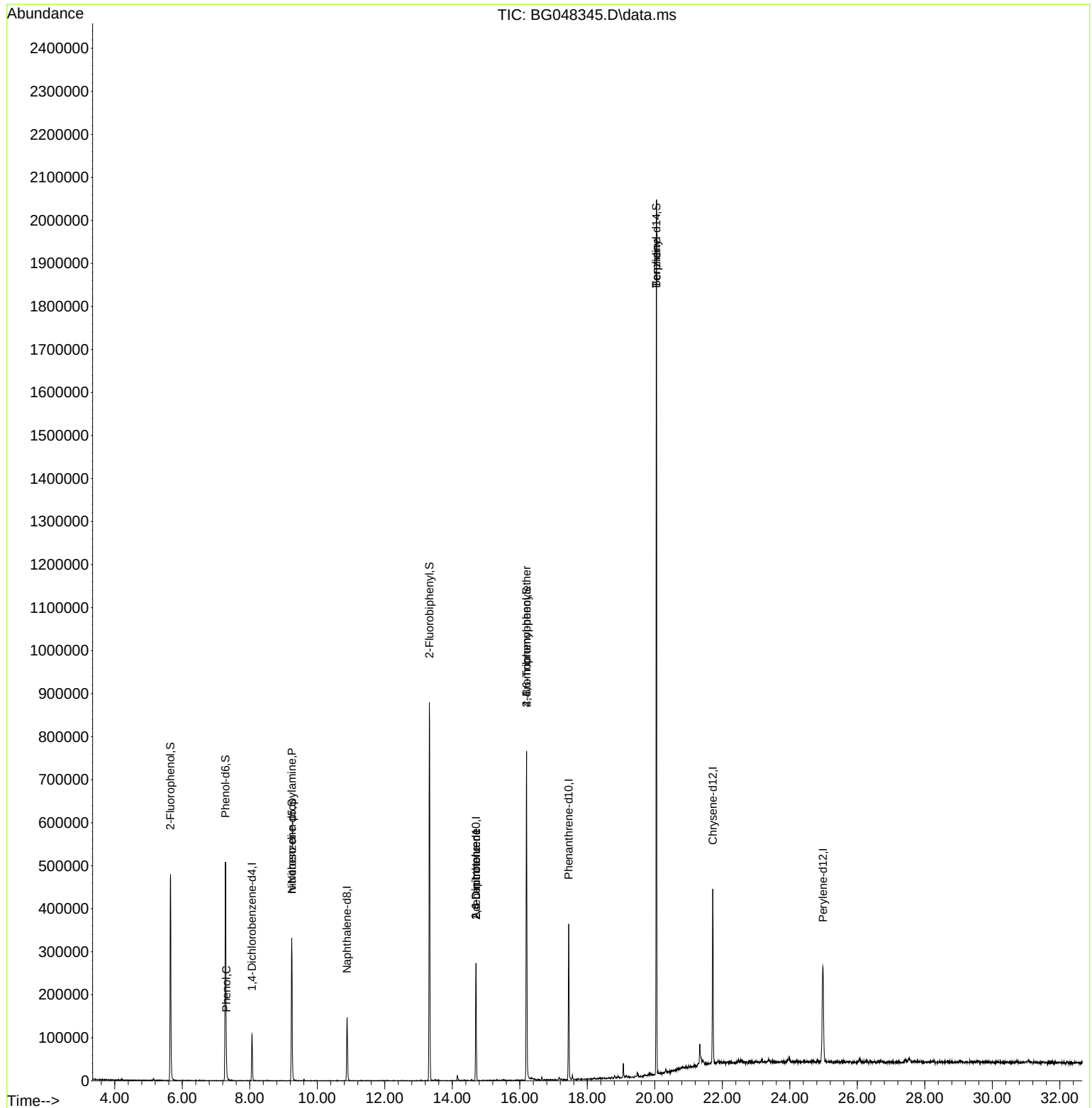
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	29285	20.00	ng	-0.01
21) Naphthalene-d8	10.884	136	117253	20.00	ng	# 0.00
39) Acenaphthene-d10	14.703	164	91861	20.00	ng	0.00
64) Phenanthrene-d10	17.447	188	229466	20.00	ng	#-0.01
76) Chrysene-d12	21.718	240	245428	20.00	ng	#-0.01
86) Perylene-d12	24.979	264	242708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	183871	106.88	ng	0.00
7) Phenol-d6	7.282	99	254948	97.54	ng	0.00
23) Nitrobenzene-d5	9.245	82	205252	74.05	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	139227	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	461218	70.39	ng	0.00
79) Terphenyl-d14	20.050	244	899628	66.98	ng	0.00
Target Compounds						
10) Phenol	7.312	94	6122	2.32	ng	# 34
19) n-Nitroso-di-n-propyla...	9.245	70	30276	15.01	ng	# 84
51) 2,6-Dinitrotoluene	14.703	165	11990	6.95	ng	# 36
57) 2,4-Dinitrotoluene	14.703	165	11990	4.81	ng	# 34
67) 4-Bromophenyl-phenylether	16.201	248	9094	3.09	ng	# 1
77) Benzdine	20.050	184	17535	2.19	ng	# 94

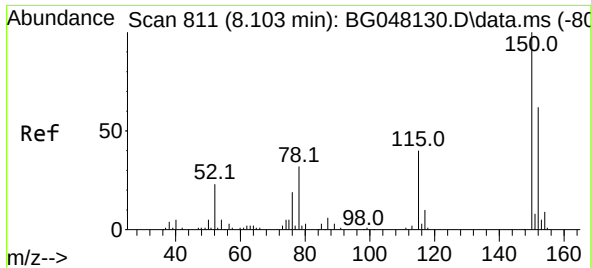
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

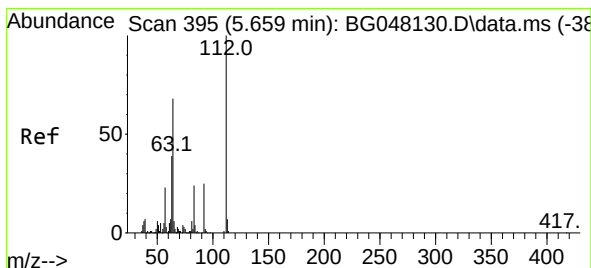
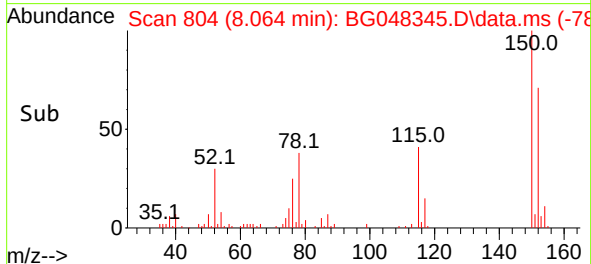
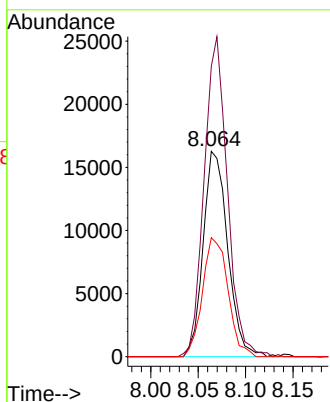
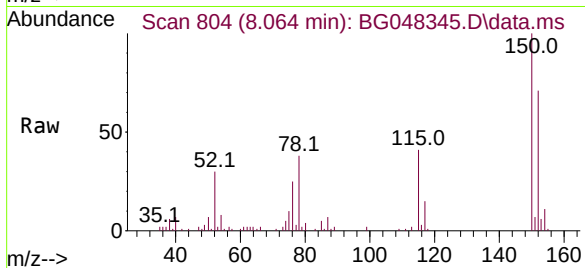




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.064 min Scan# 804
Delta R.T. -0.010 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

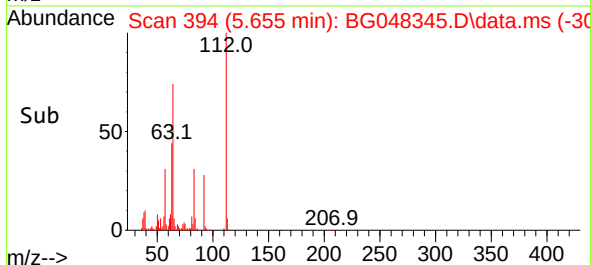
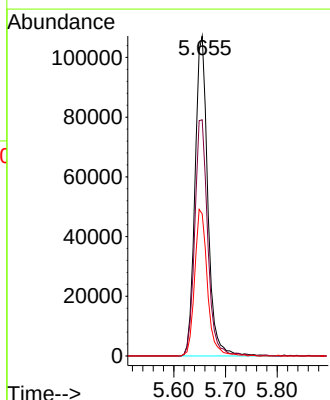
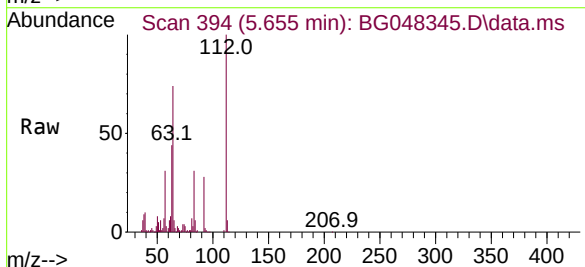
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

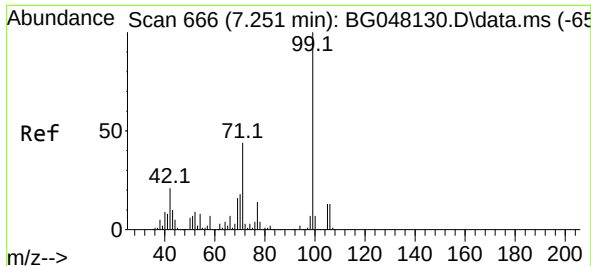
Tgt Ion:152 Resp: 29285
Ion Ratio Lower Upper
152 100
150 141.3 125.0 187.6
115 58.0 41.8 62.6



#5
2-Fluorophenol
Concen: 106.88 ng
RT: 5.655 min Scan# 394
Delta R.T. 0.002 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:112 Resp: 183871
Ion Ratio Lower Upper
112 100
64 73.8 46.7 70.1#
63 44.4 22.8 34.2#

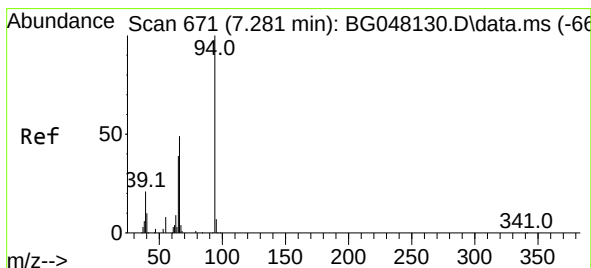
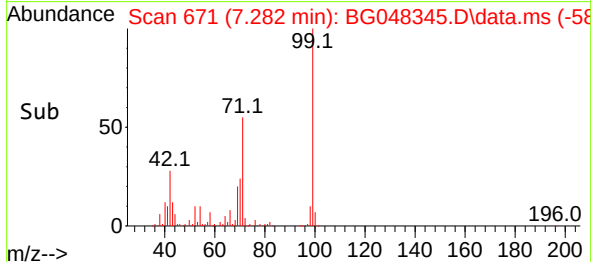
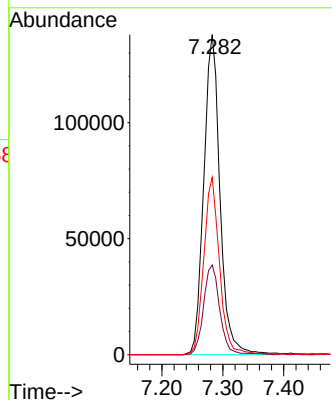
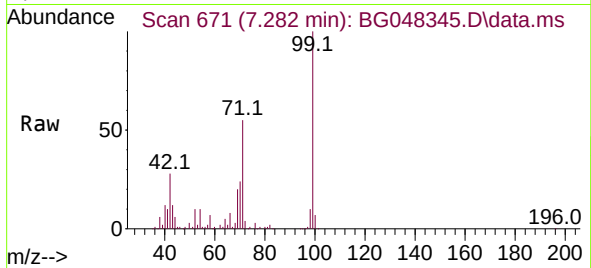




#7
Phenol-d6
Concen: 97.54 ng
RT: 7.282 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

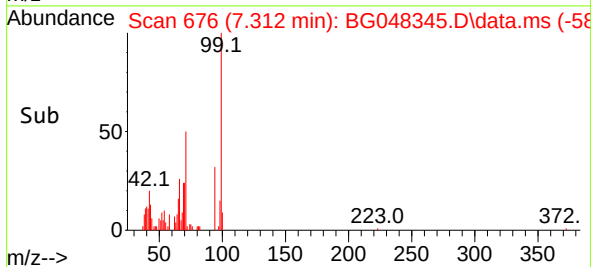
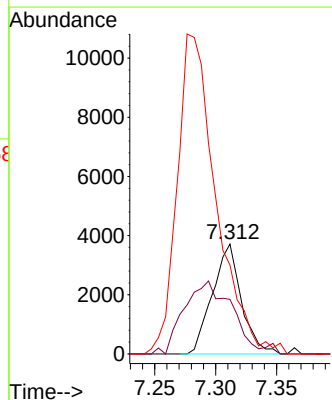
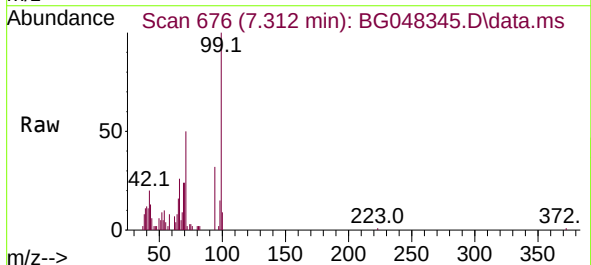
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

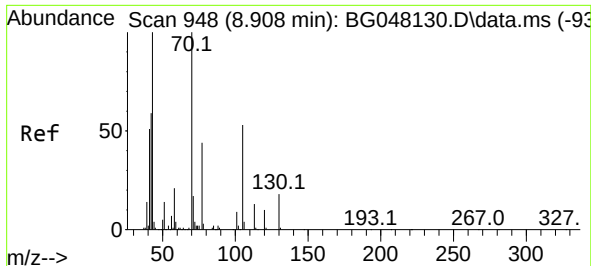
Tgt Ion: 99 Resp: 254948
Ion Ratio Lower Upper
99 100
42 28.0 12.8 19.2#
71 55.4 24.6 36.8#



#10
Phenol
Concen: 2.32 ng
RT: 7.312 min Scan# 676
Delta R.T. 0.002 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion: 94 Resp: 6122
Ion Ratio Lower Upper
94 100
65 49.7 6.6 46.6#
66 80.9 13.9 53.9#

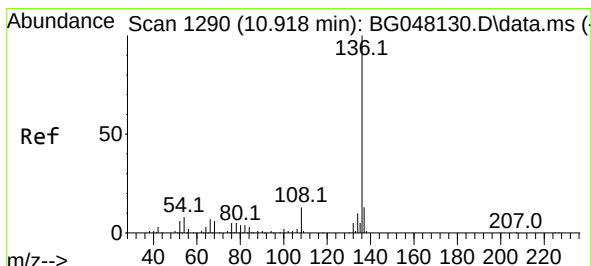
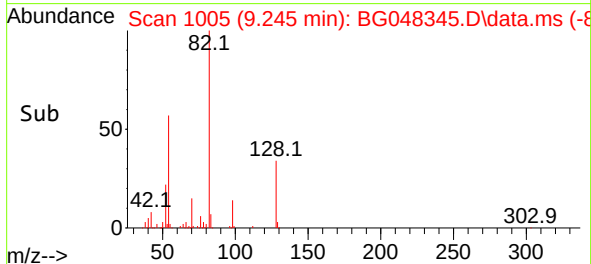
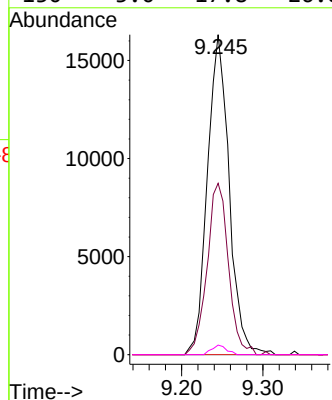
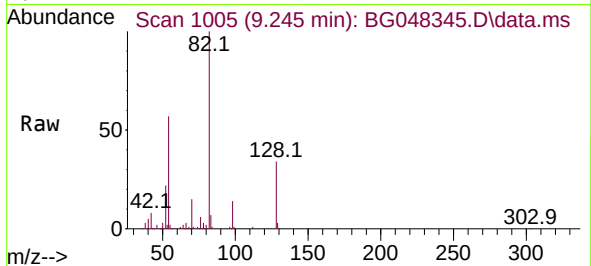




#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 9.245 min Scan# 1005
Delta R.T. 0.366 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

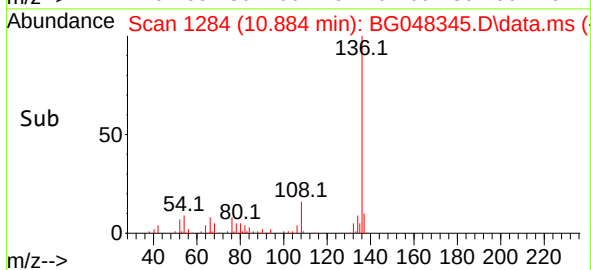
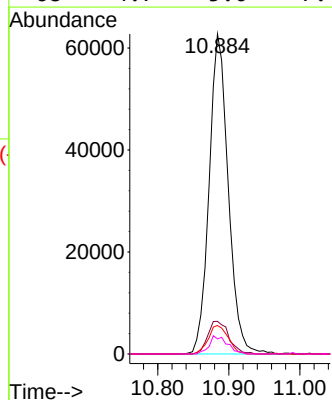
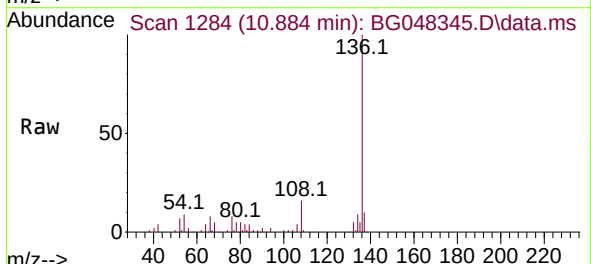
Instrument :
BNA_G
ClientSampled :
EASTSIDE

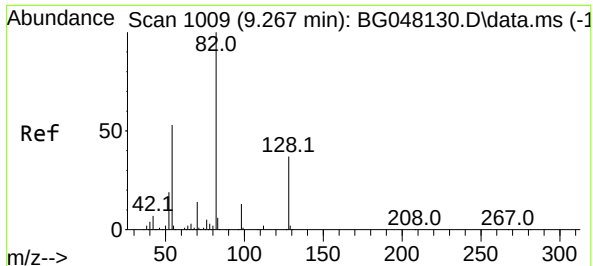
Tgt Ion: 70	Resp: 30276
Ion Ratio	Lower Upper
70 100	
42 53.5	45.6 68.4
101 0.0	8.4 12.6#
130 3.0	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.884 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion: 136	Resp: 117253
Ion Ratio	Lower Upper
136 100	
137 10.2	9.1 13.7
54 8.9	6.2 9.4
68 4.7	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 74.05 ng

RT: 9.245 min Scan# 1005

Delta R.T. -0.004 min

Lab File: BG048345.D

Acq: 5 Mar 2021 19:47

Tgt Ion: 82 Resp: 205252

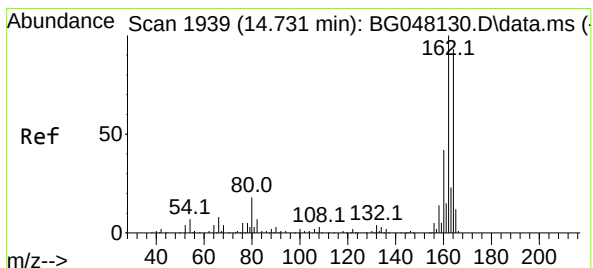
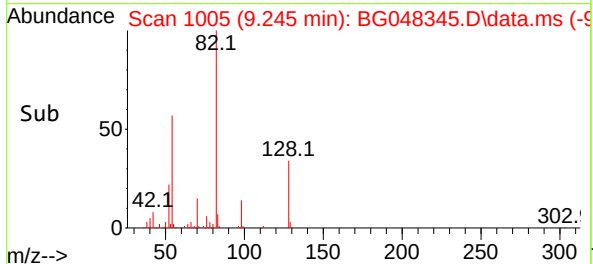
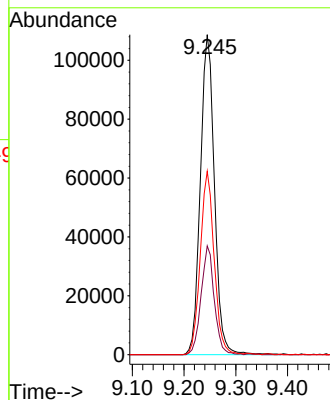
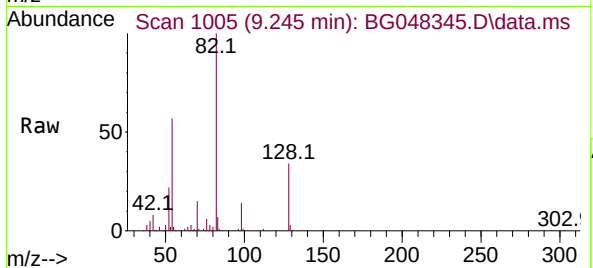
Ion	Ratio	Lower	Upper
82	100		
128	34.0	37.0	55.6#
54	57.3	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

EASTSIDE



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.703 min Scan# 1934

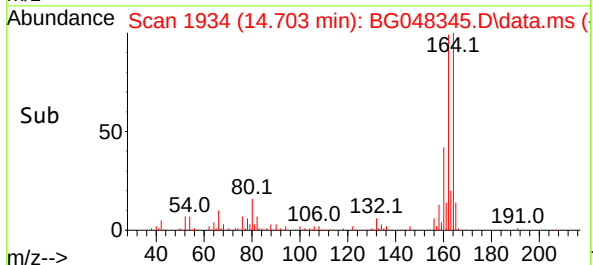
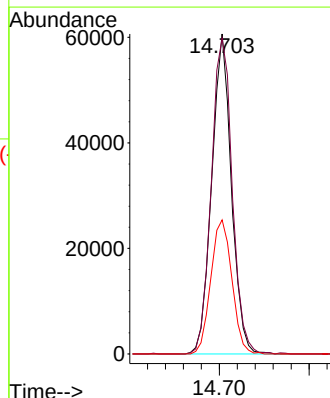
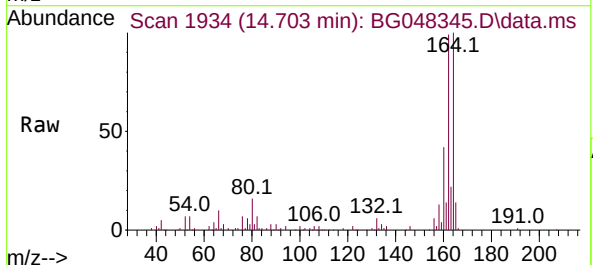
Delta R.T. -0.004 min

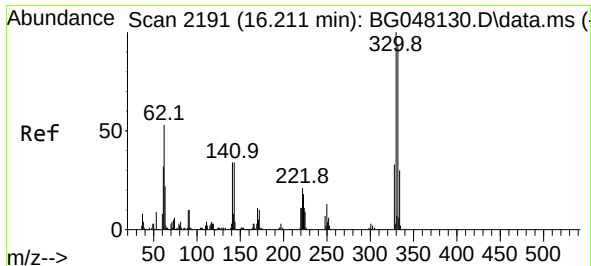
Lab File: BG048345.D

Acq: 5 Mar 2021 19:47

Tgt Ion: 164 Resp: 91861

Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.3	123.5
160	41.9	35.3	52.9

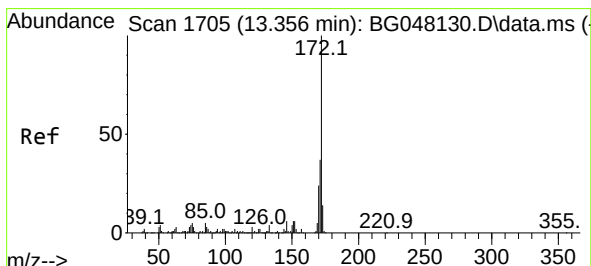
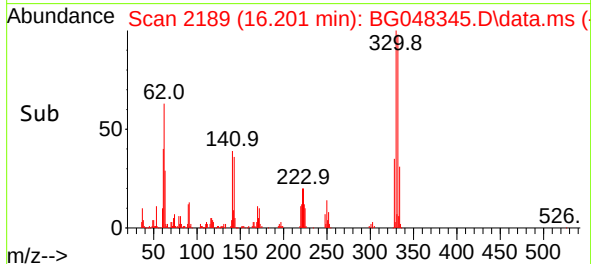
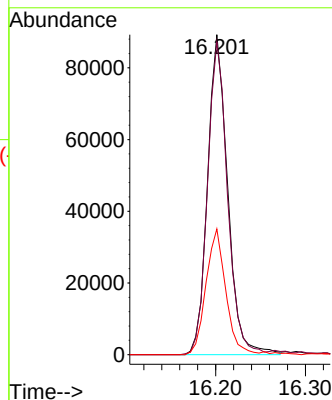
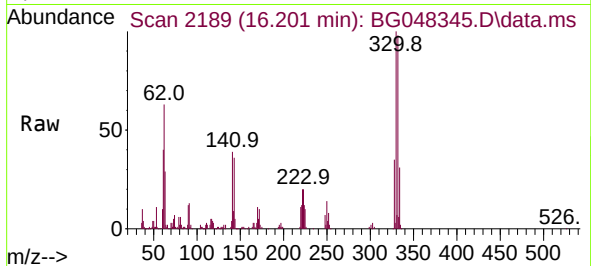




#42
2,4,6-Tribromophenol
Concen: 94.76 ng
RT: 16.201 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

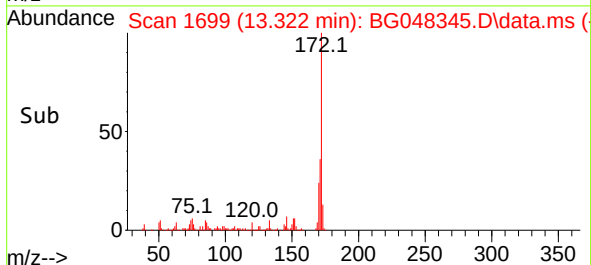
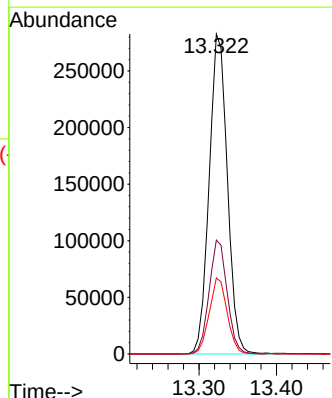
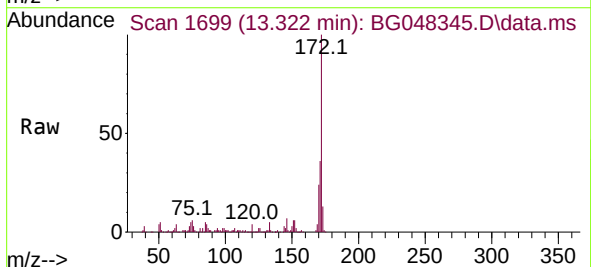
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

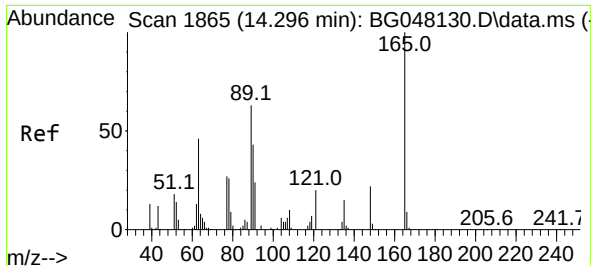
Tgt Ion:330 Resp: 139227
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 38.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 70.39 ng
RT: 13.322 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:172 Resp: 461218
Ion Ratio Lower Upper
172 100
171 35.6 31.3 46.9
170 23.7 20.8 31.2

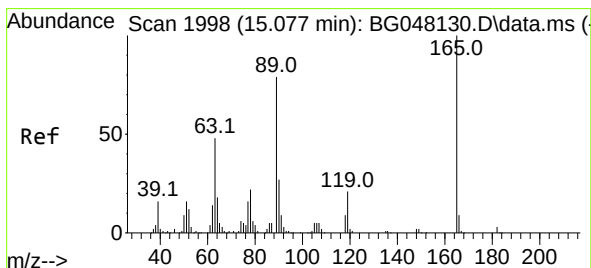
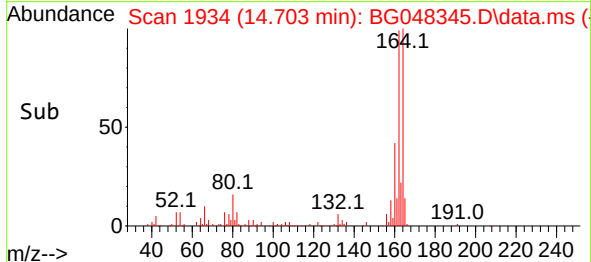
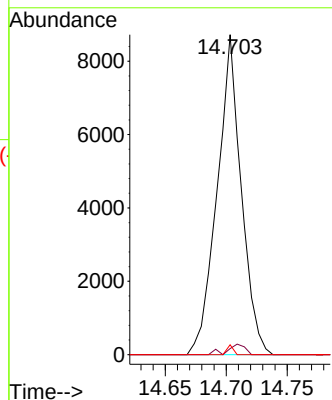
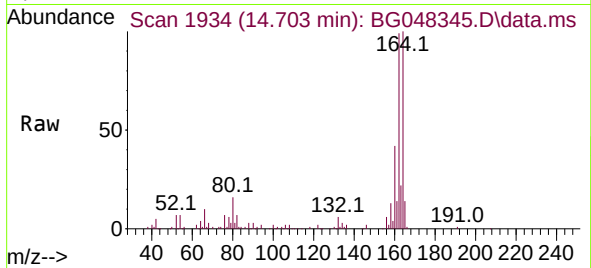




#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 14.703 min Scan# 1934
Delta R.T. 0.407 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

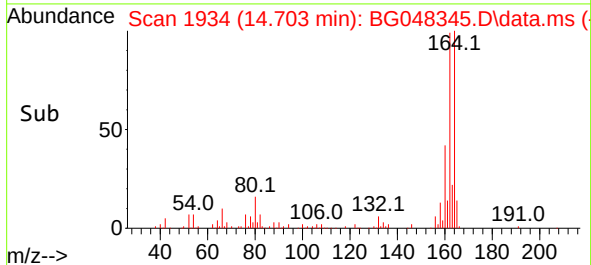
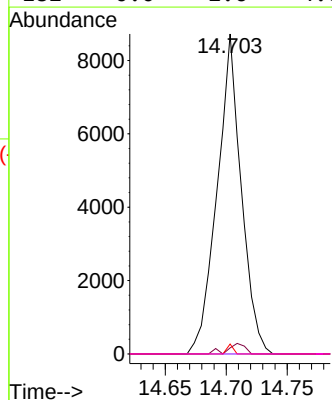
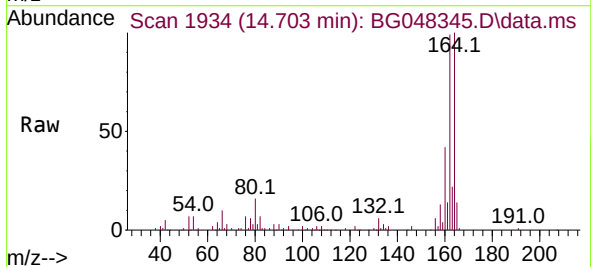
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

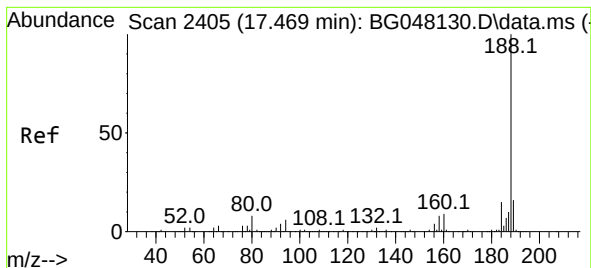
Tgt Ion:165 Resp: 11990
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 3.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 14.703 min Scan# 1934
Delta R.T. -0.386 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:165 Resp: 11990
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 3.1 47.8 71.8#
182 0.0 2.6 4.0#

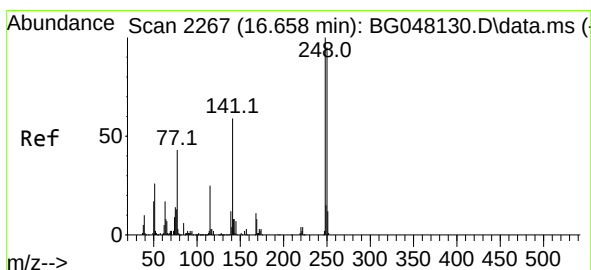
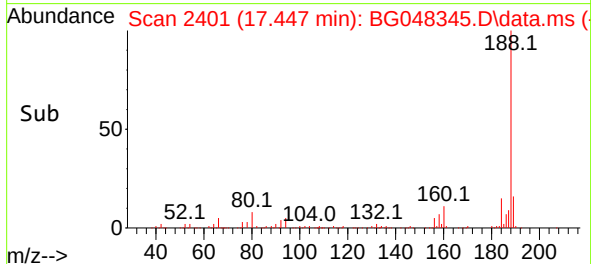
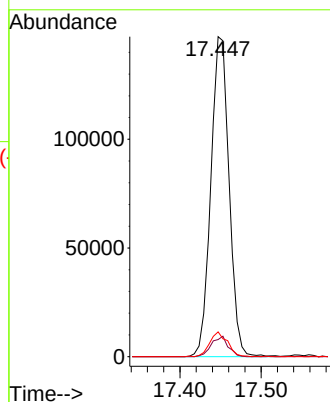
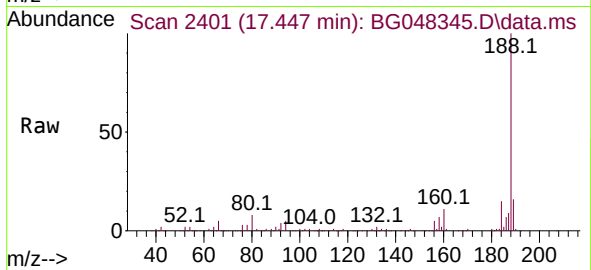




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.447 min Scan# 2401
Delta R.T. -0.010 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

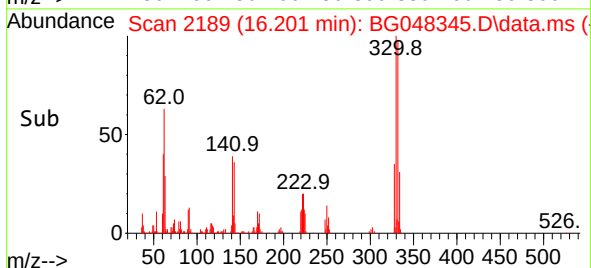
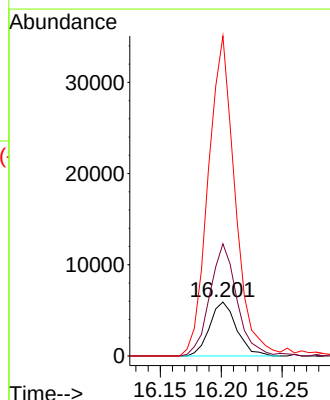
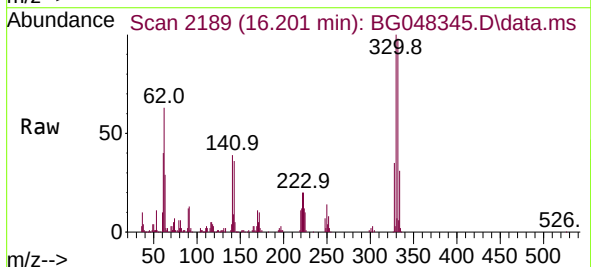
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

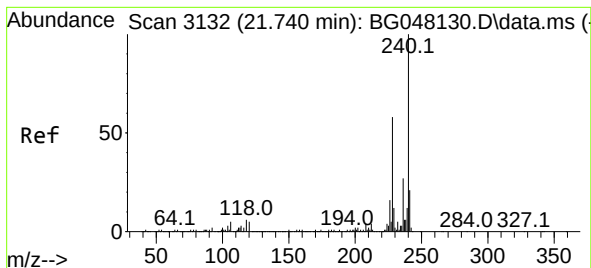
Tgt Ion:188 Resp: 229466
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.8 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 16.201 min Scan# 2189
Delta R.T. -0.433 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:248 Resp: 9094
Ion Ratio Lower Upper
248 100
250 208.3 78.9 118.3#
141 594.1 46.2 69.4#

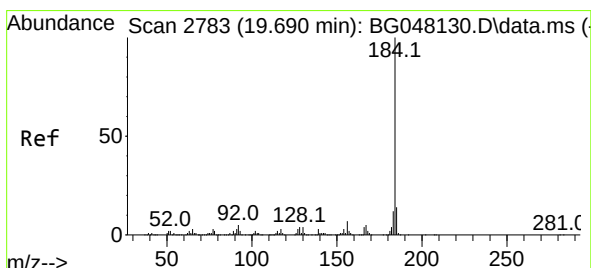
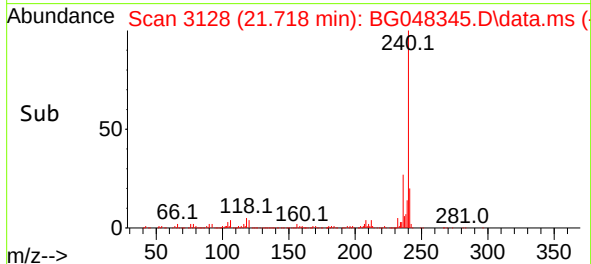
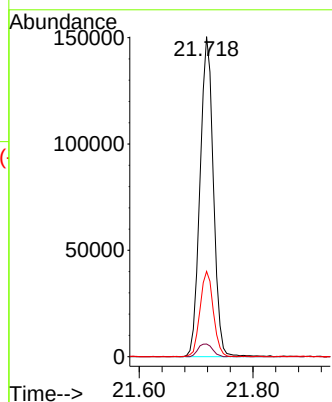
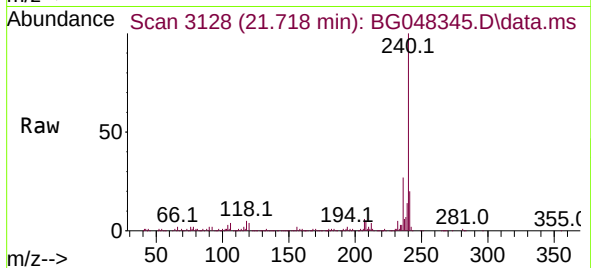




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.718 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

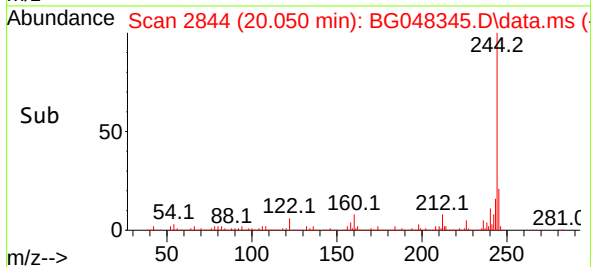
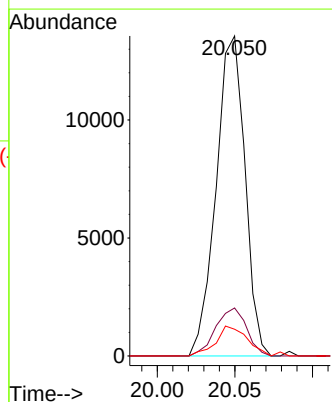
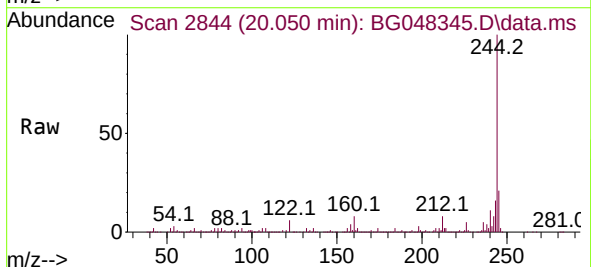
Instrument :
BNA_G
ClientSampleId :
EASTSIDE

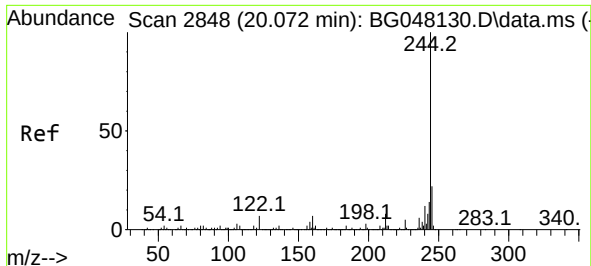
Tgt Ion:240 Resp: 245428
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.6 20.5 30.7



#77
Benzidine
Concen: 2.19 ng
RT: 20.050 min Scan# 2844
Delta R.T. 0.366 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:184 Resp: 17535
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 8.4 10.6 15.8#

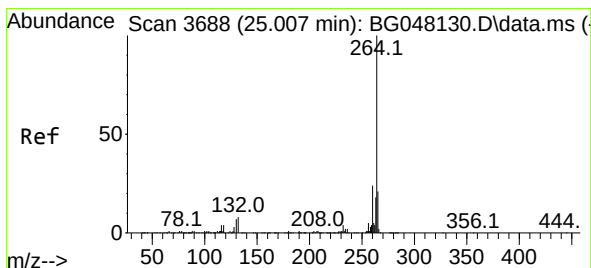
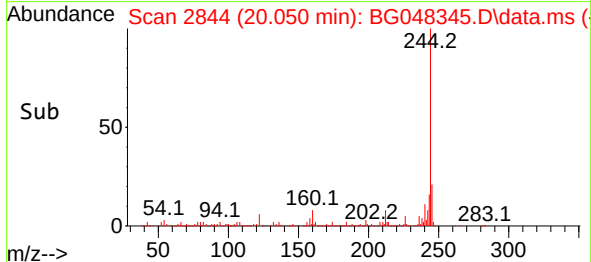
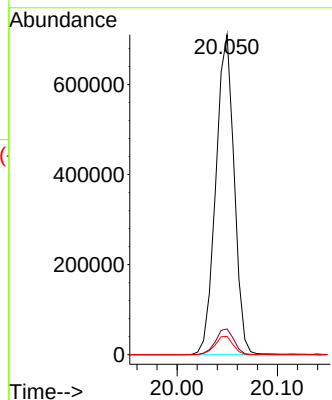
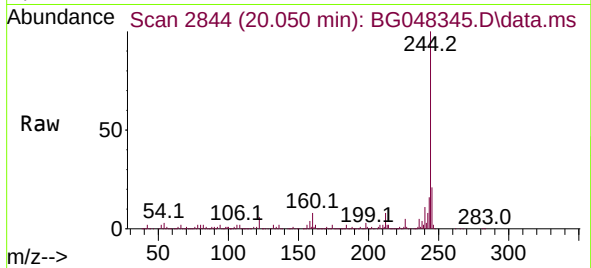




#79
Terphenyl-d14
Concen: 66.98 ng
RT: 20.050 min Scan# 2844
Delta R.T. -0.004 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Instrument :
BNA_G
ClientSampleId :
EASTSIDE

Tgt Ion:244 Resp: 899628
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 5.7 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.979 min Scan# 3683
Delta R.T. -0.010 min
Lab File: BG048345.D
Acq: 5 Mar 2021 19:47

Tgt Ion:264 Resp: 242708
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.5 17.8 26.8

