

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048064.D
 Acq On : 28 Jan 2021 19:06
 Operator : CG/JU
 Sample : M1253-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124035

Quant Time: Jan 28 23:33:28 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)

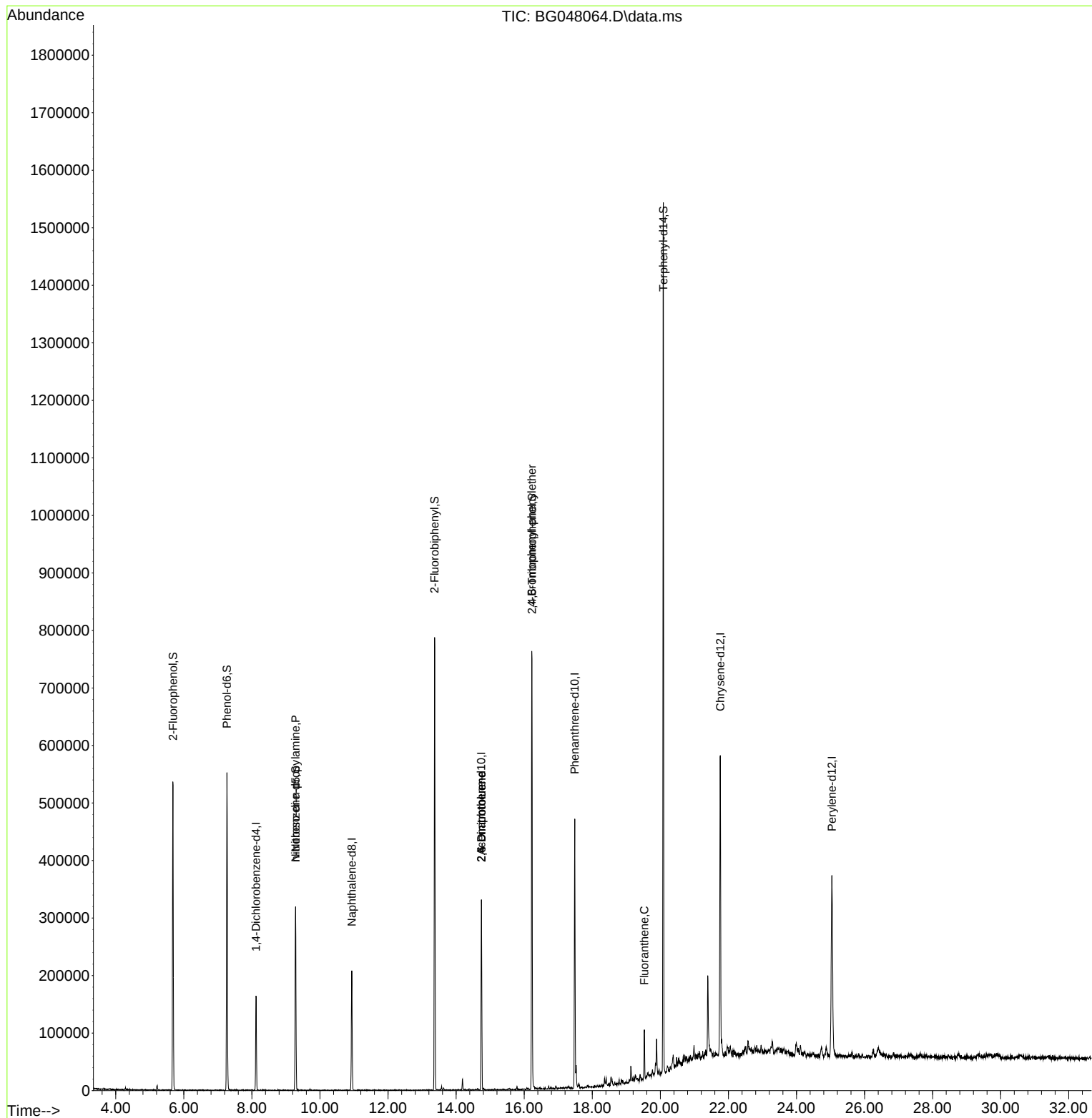
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	43351	20.00	ng	#-0.01
21) Naphthalene-d8	10.934	136	165429	20.00	ng	-0.01
39) Acenaphthene-d10	14.741	164	119629	20.00	ng	-0.01
64) Phenanthrene-d10	17.485	188	291876	20.00	ng	#-0.01
76) Chrysene-d12	21.763	240	340143	20.00	ng	#-0.01
86) Perylene-d12	25.041	264	347089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	220278	78.09	ng	0.00
7) Phenol-d6	7.268	99	299206	69.76	ng	-0.01
23) Nitrobenzene-d5	9.283	82	197184	47.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	154746	77.67	ng	-0.01
45) 2-Fluorobiphenyl	13.367	172	410506	44.37	ng	-0.02
79) Terphenyl-d14	20.088	244	701439	35.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.283	70	28548	9.12	ng	# 76
51) 2,6-Dinitrotoluene	14.747	165	15049	6.69	ng	# 32
57) 2,4-Dinitrotoluene	14.747	165	15049	4.63	ng	# 30
67) 4-Bromophenyl-phenylether	16.222	248	10734	2.75	ng	# 1
75) Fluoranthene	19.530	202	52768	2.39	ng	95

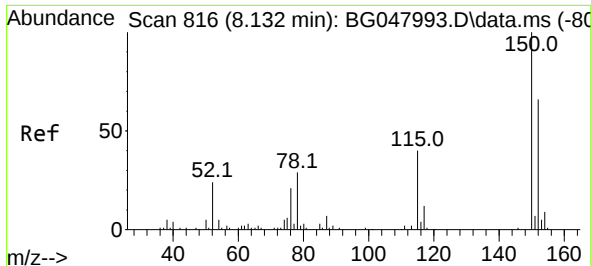
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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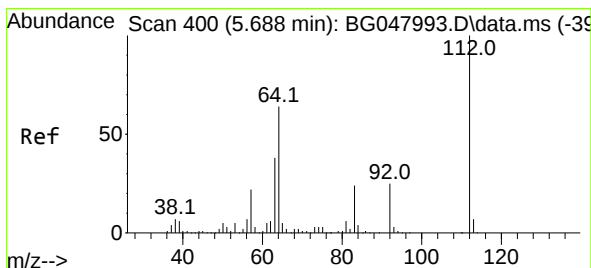
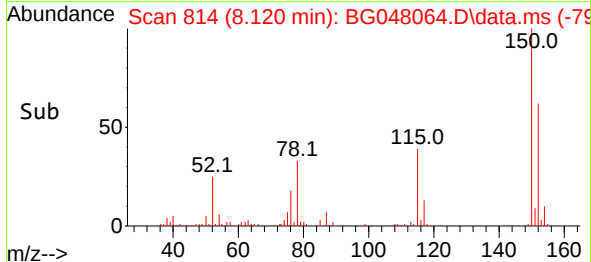
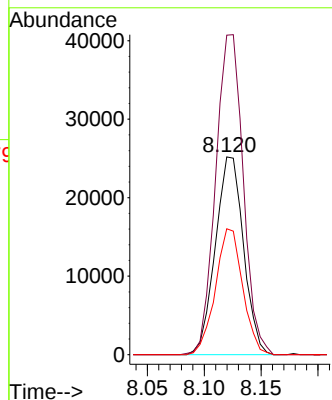
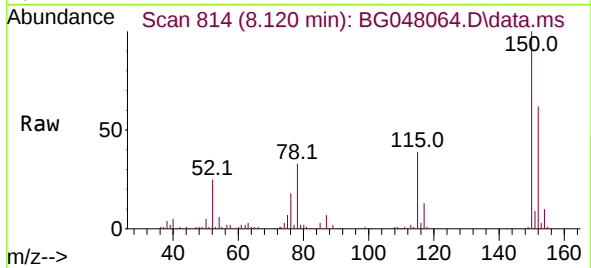




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 814
Delta R.T. -0.012 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

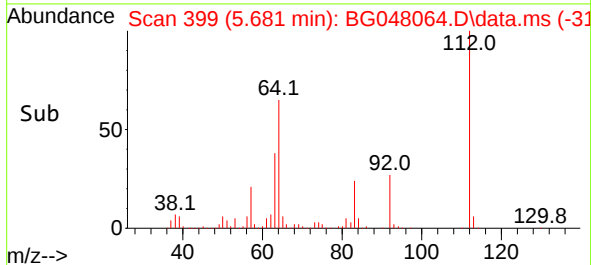
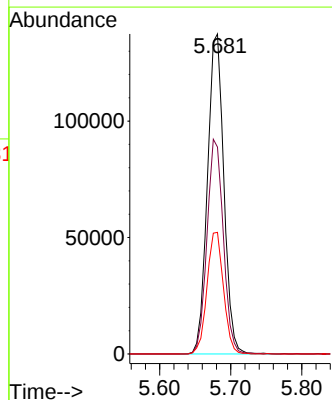
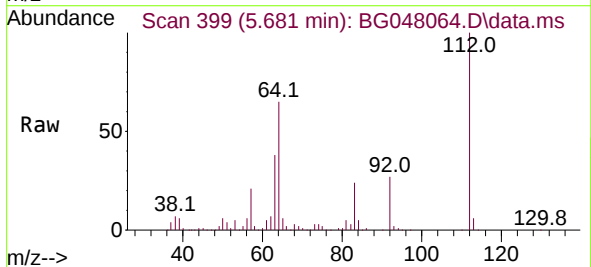
Instrument :
BNA_G
ClientSampleId :
124035

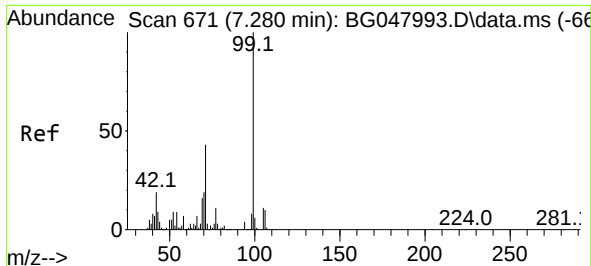
Tgt Ion:152 Resp: 43351
Ion Ratio Lower Upper
152 100
150 161.6 125.0 187.6
115 63.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 78.09 ng
RT: 5.681 min Scan# 399
Delta R.T. -0.007 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:112 Resp: 220278
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 38.0 22.8 34.2#

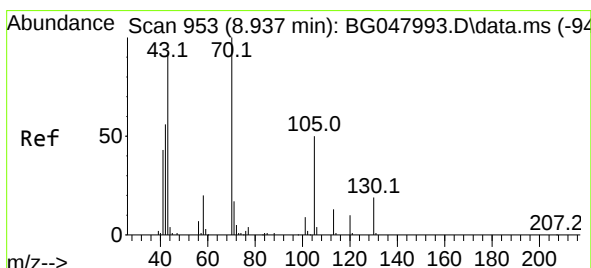
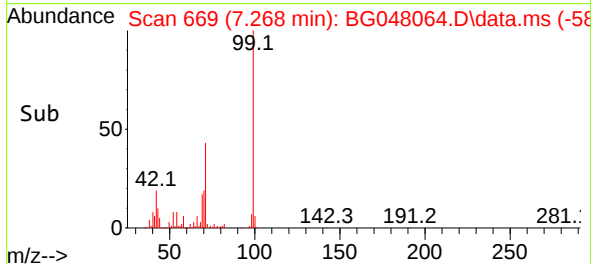
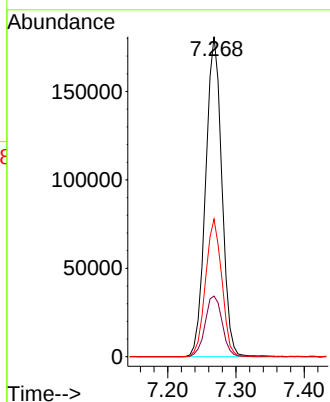
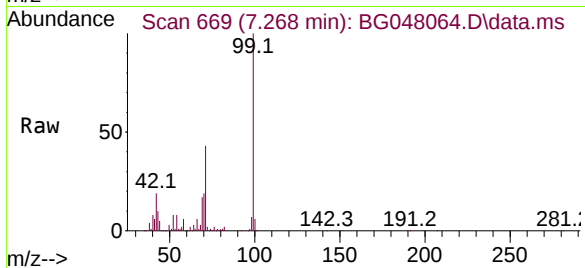




#7
Phenol-d6
Concen: 69.76 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

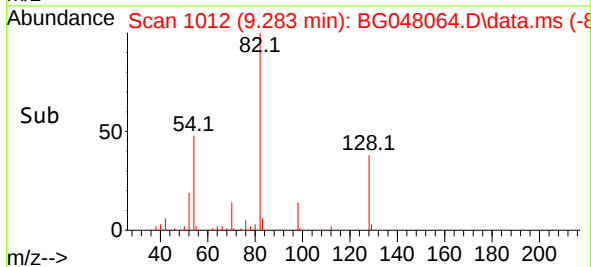
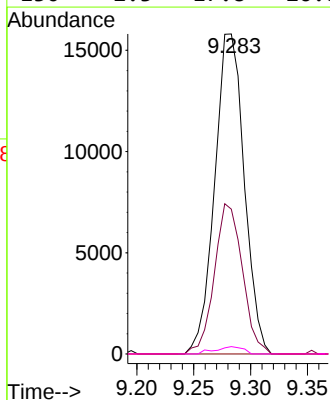
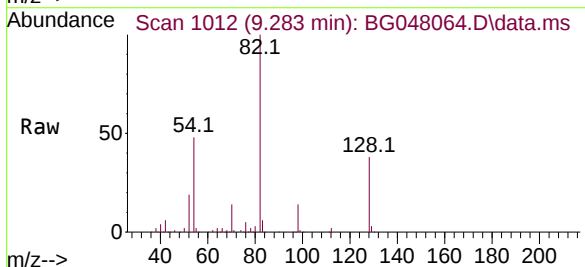
Instrument :
BNA_G
ClientSampleId :
124035

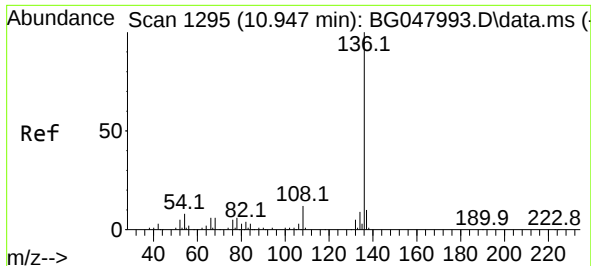
Tgt Ion:	99	Resp:	299206
Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.8	19.2
71	43.0	24.6	36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.12 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:	70	Resp:	28548
Ion	Ratio	Lower	Upper
70	100		
42	45.2	45.6	68.4#
101	0.0	8.4	12.6#
130	2.3	17.8	26.8#

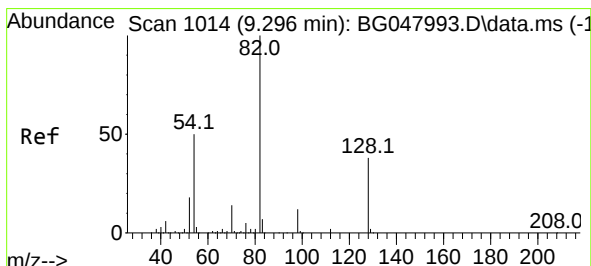
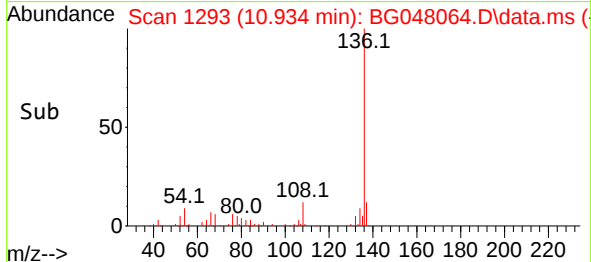
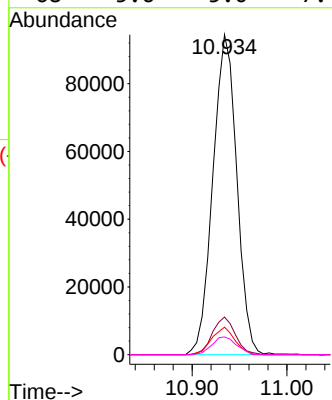
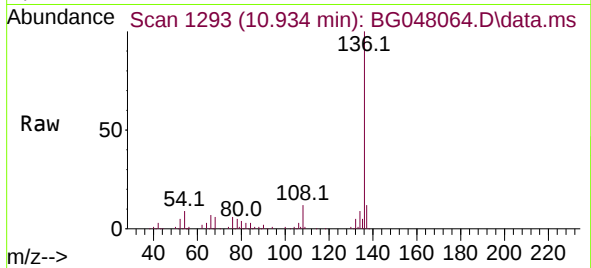




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

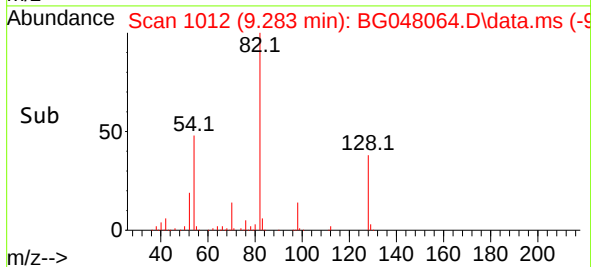
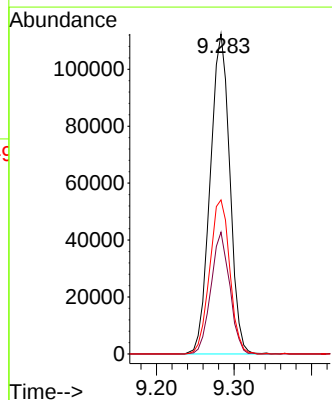
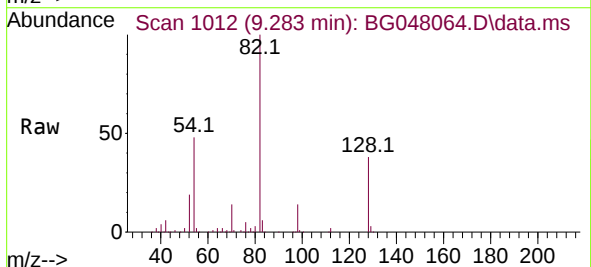
Instrument :
BNA_G
ClientSampleId :
124035

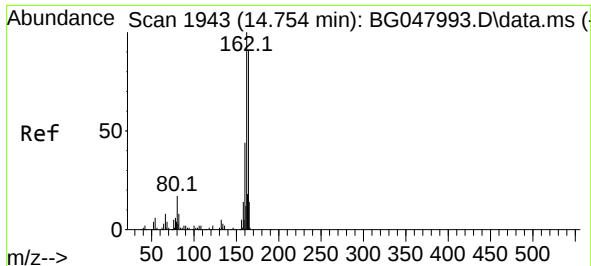
Tgt Ion:136	Resp: 165429
Ion Ratio	Lower Upper
136 100	
137 11.7	9.1 13.7
54 8.6	6.2 9.4
68 5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 47.16 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion: 82	Resp: 197184
Ion Ratio	Lower Upper
82 100	
128 38.0	37.0 55.6
54 48.1	39.0 58.4

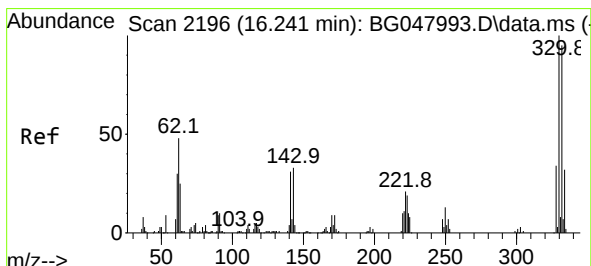
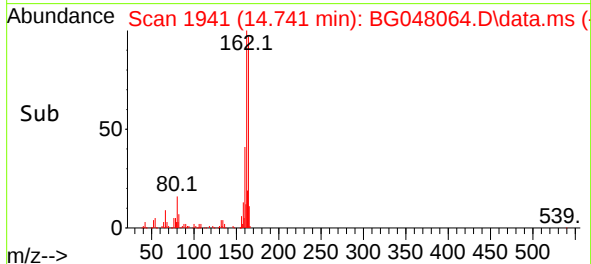
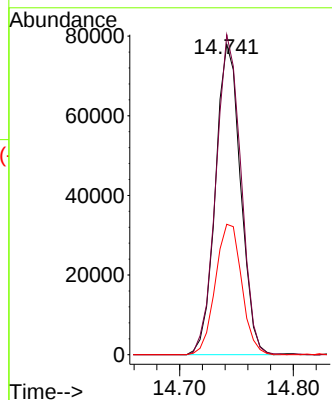
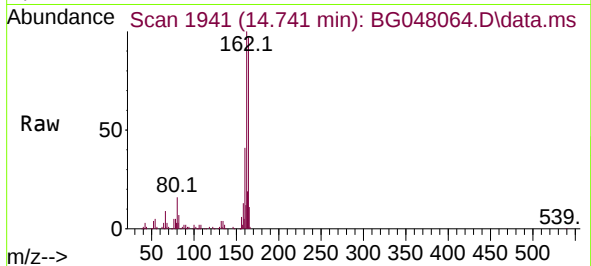




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

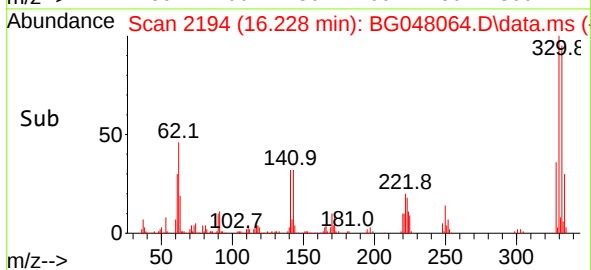
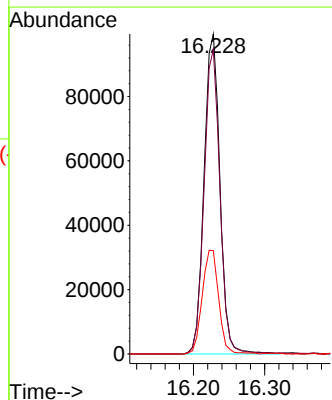
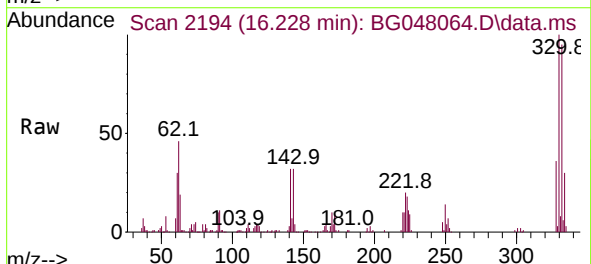
Instrument :
BNA_G
ClientSampleId :
124035

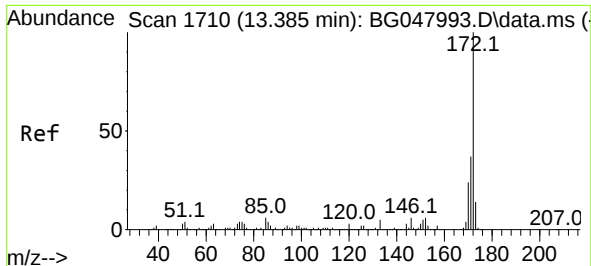
Tgt Ion:164 Resp: 119629
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 42.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 77.67 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

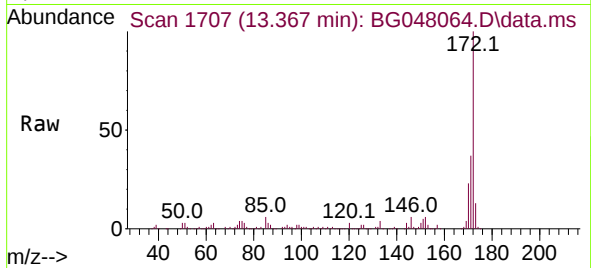
Tgt Ion:330 Resp: 154746
Ion Ratio Lower Upper
330 100
332 94.8 76.5 114.7
141 33.6 26.0 39.0



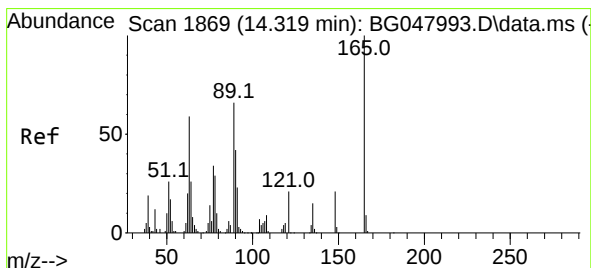
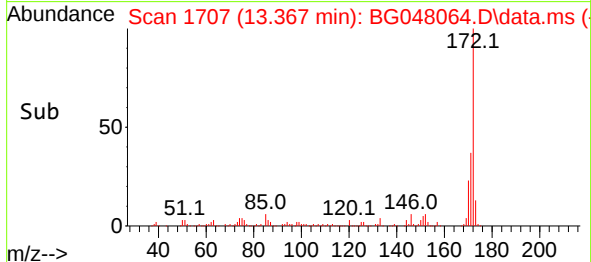
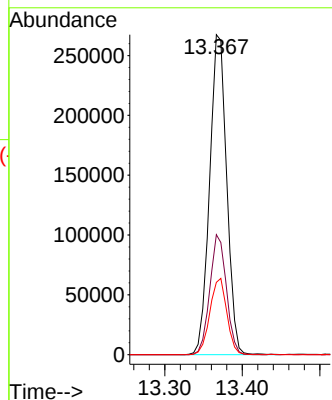


#45
2-Fluorobiphenyl
Concen: 44.37 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.019 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Instrument :
BNA_G
ClientSampleId :
124035

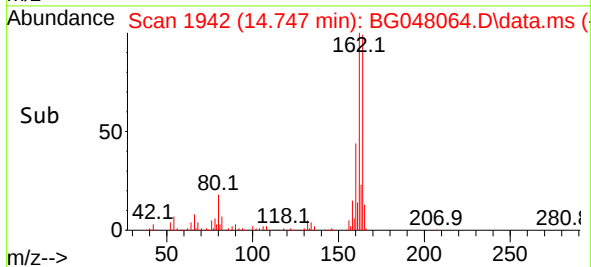
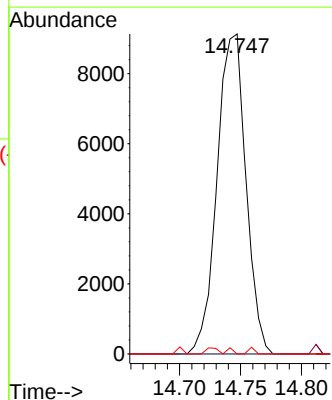
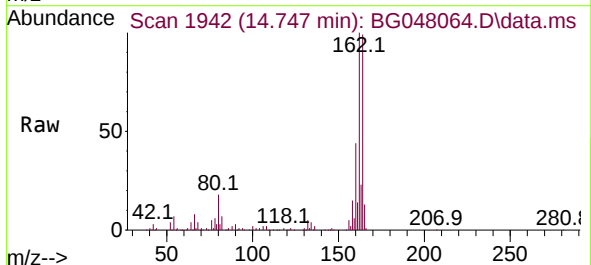


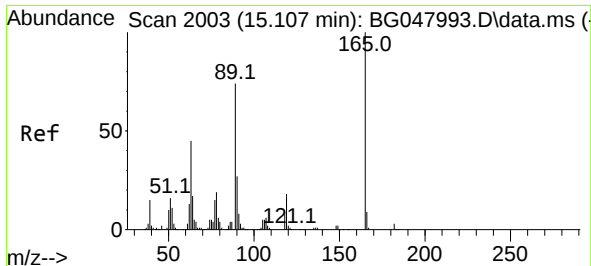
Tgt Ion:172 Resp: 410506
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 22.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.428 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:165 Resp: 15049
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

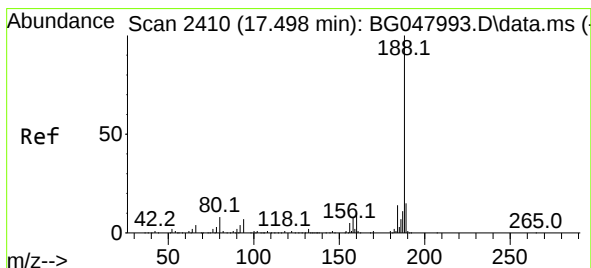
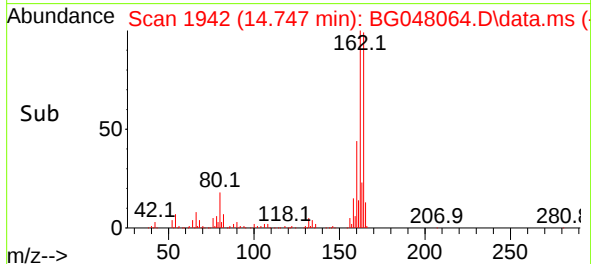
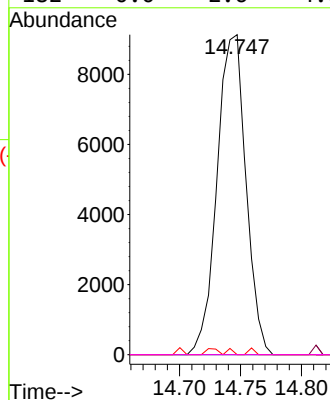
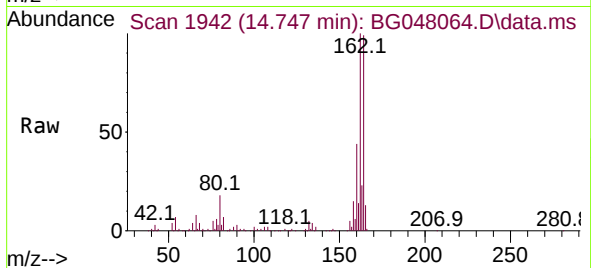




#57
2,4-Dinitrotoluene
Concen: 4.63 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

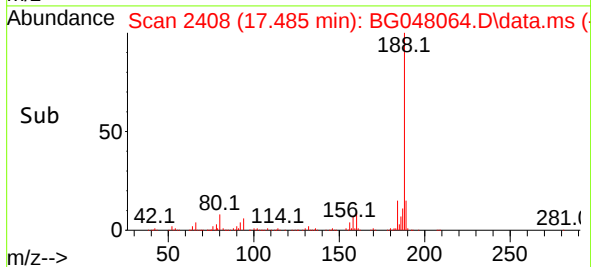
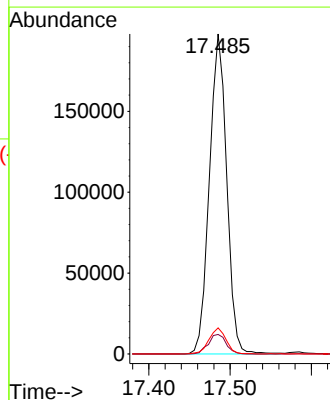
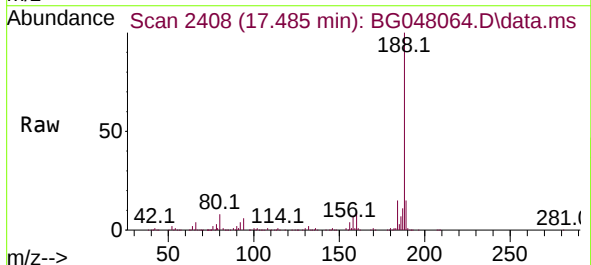
Instrument :
BNA_G
ClientSampleId :
124035

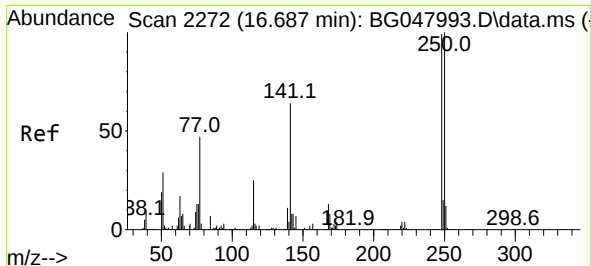
Tgt Ion:165 Resp: 15049
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:188 Resp: 291876
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 8.1 7.0 10.6

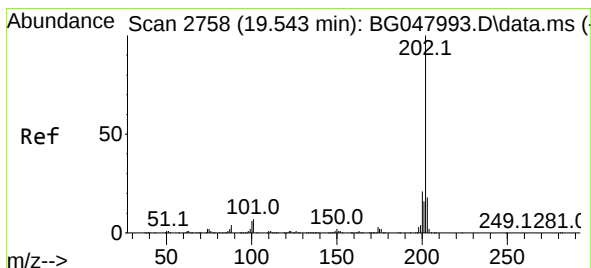
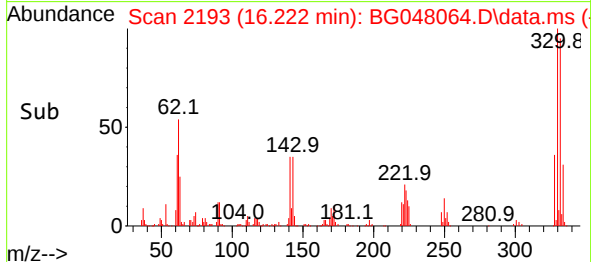
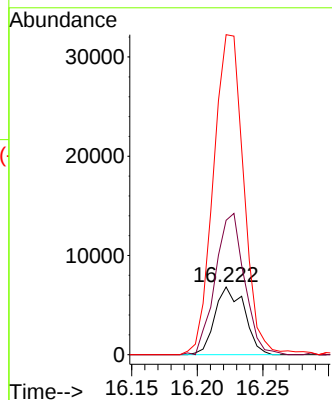
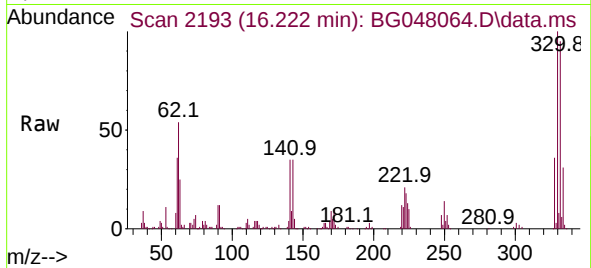




#67
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 16.222 min Scan# 2193
Delta R.T. -0.465 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

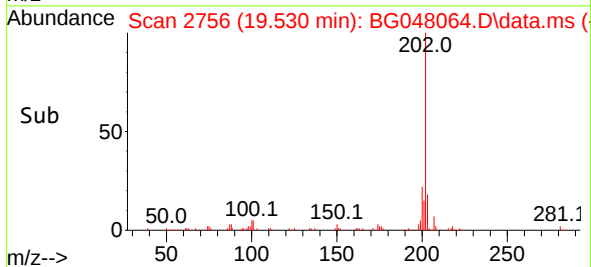
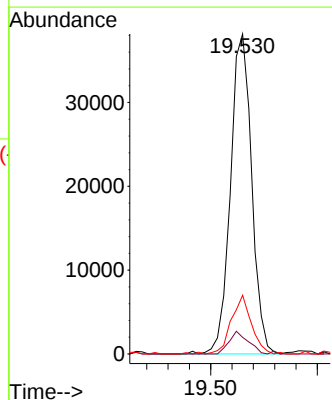
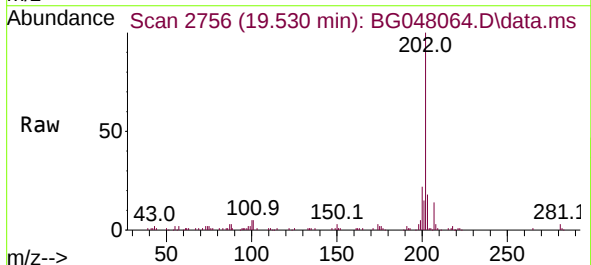
Instrument :
BNA_G
ClientSampled :
124035

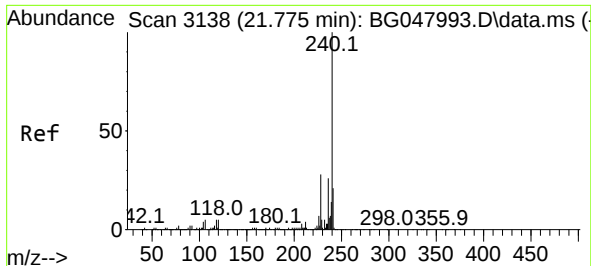
Tgt Ion:248 Resp: 10734
Ion Ratio Lower Upper
248 100
250 198.4 78.9 118.3#
141 472.6 46.2 69.4#



#75
Fluoranthene
Concen: 2.39 ng
RT: 19.530 min Scan# 2756
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:202 Resp: 52768
Ion Ratio Lower Upper
202 100
101 5.2 0.0 29.7
203 18.3 0.0 39.2

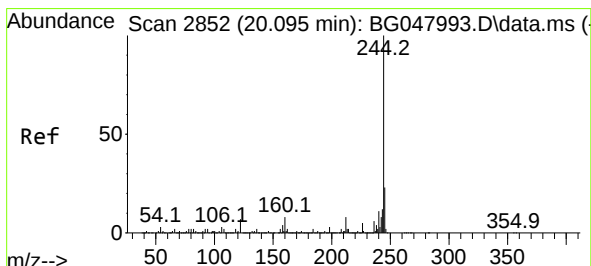
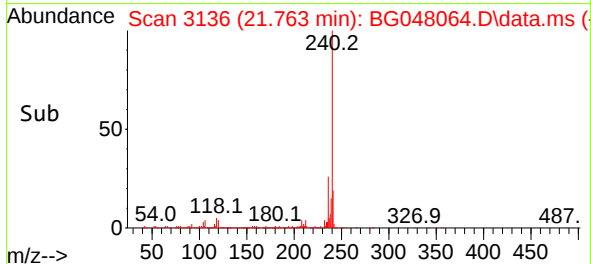
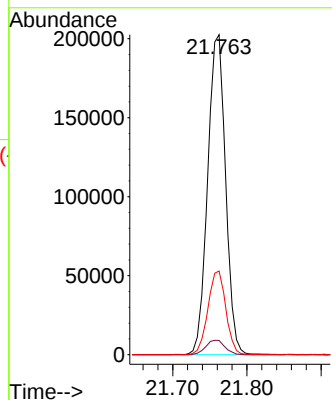
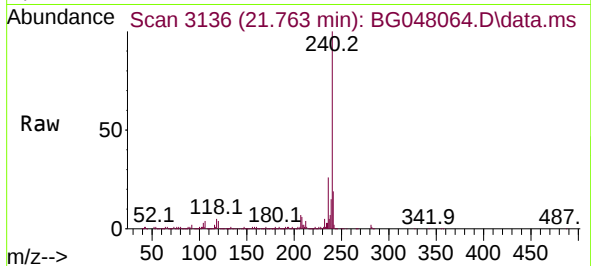




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.013 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

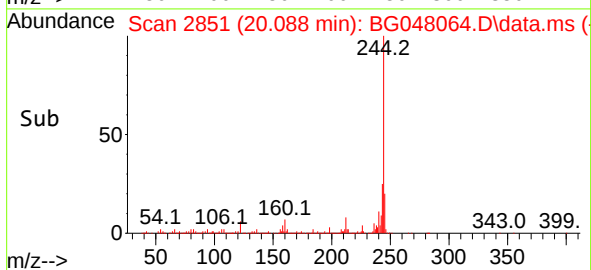
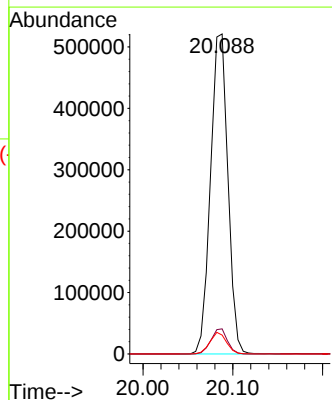
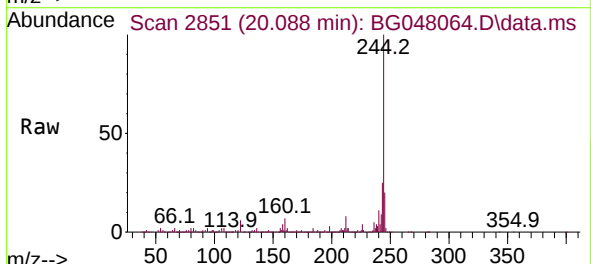
Instrument :
BNA_G
ClientSampled :
124035

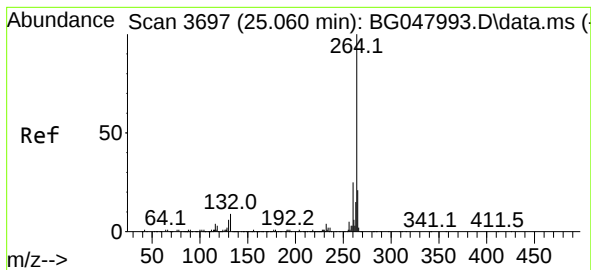
Tgt Ion:240 Resp: 340143
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 35.76 ng
RT: 20.088 min Scan# 2851
Delta R.T. -0.007 min
Lab File: BG048064.D
Acq: 28 Jan 2021 19:06

Tgt Ion:244 Resp: 701439
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 5.9 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.041 min Scan# 3694
 Delta R.T. -0.019 min
 Lab File: BG048064.D
 Acq: 28 Jan 2021 19:06

Instrument :
 BNA_G
 ClientSampleId :
 124035

Tgt Ion:264	Resp:	347089
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.8 28.2
265	21.4	17.8 26.8

