

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048595.D
 Acq On : 5 Apr 2021 22:42
 Operator : CG/JU
 Sample : M1889-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-(0-4)

Quant Time: Apr 06 04:43:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

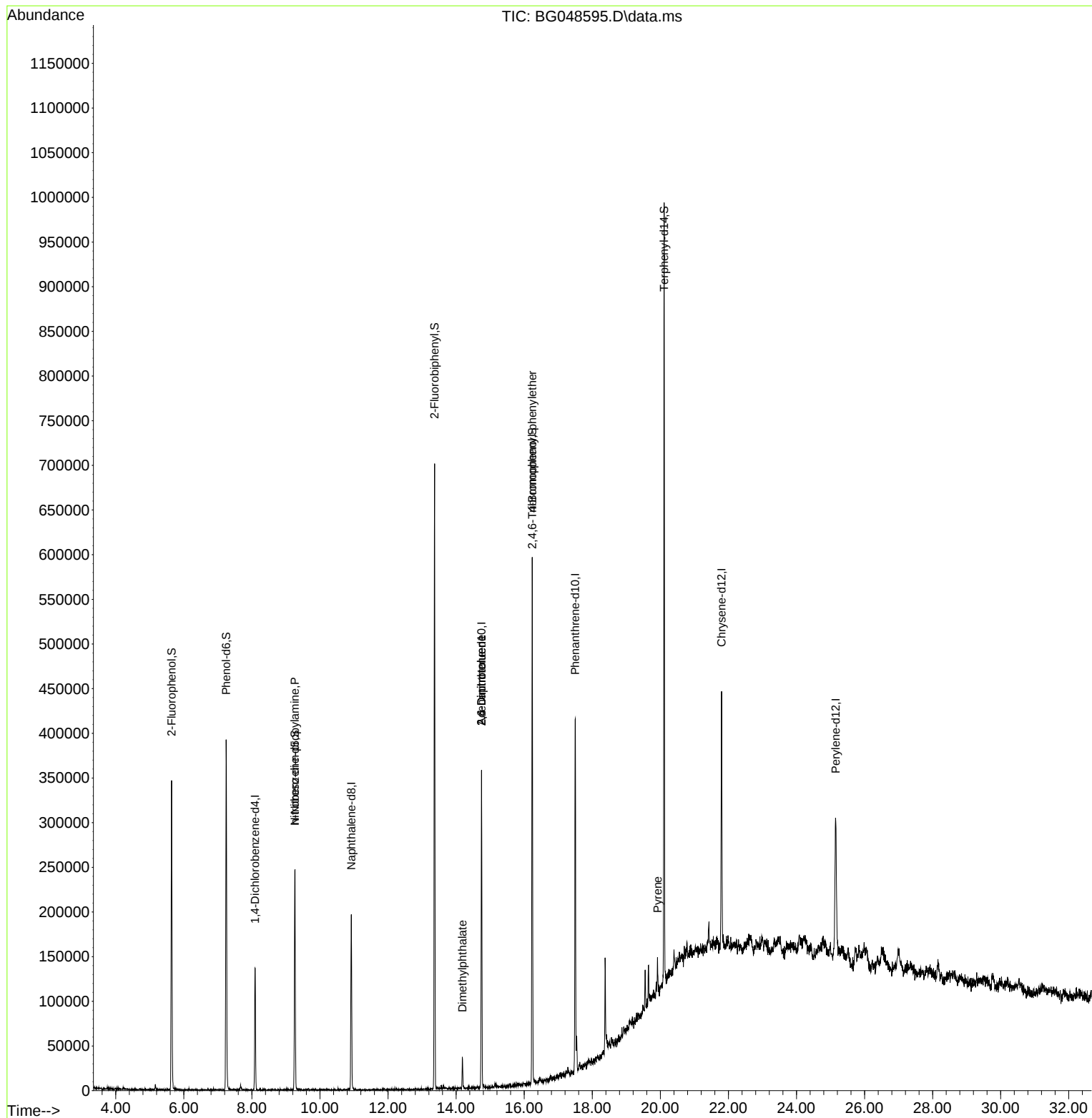
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	38796	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	167923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	121491	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	261182	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	179023	20.00	ng	# 0.00
86) Perylene-d12	25.147	264	182973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	155517	70.77	ng	0.00
7) Phenol-d6	7.245	99	210932	66.19	ng	0.00
23) Nitrobenzene-d5	9.260	82	147216	42.44	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	104297	65.31	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	352684	43.15	ng	0.00
79) Terphenyl-d14	20.112	244	407181	41.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	21308	9.70	ng	# 80
50) Dimethylphthalate	14.184	163	20101	2.23	ng	# 95
51) 2,6-Dinitrotoluene	14.748	165	15976	7.74	ng	# 20
57) 2,4-Dinitrotoluene	14.748	165	15976	5.47	ng	# 24
67) 4-Bromophenyl-phenylether	16.234	248	7444	2.57	ng	# 1
78) Pyrene	19.918	202	24844	2.02	ng	96

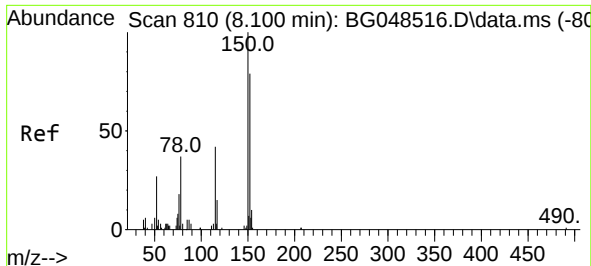
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-5-(0-4)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

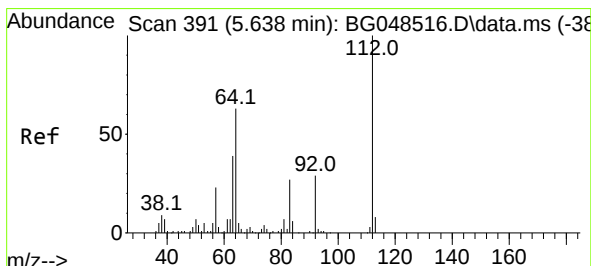
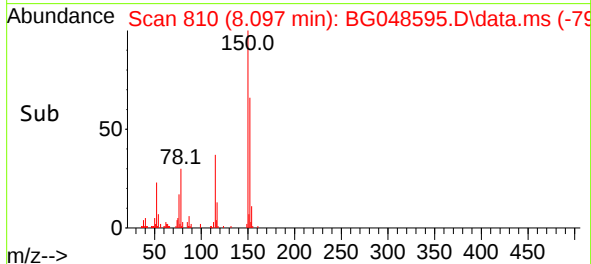
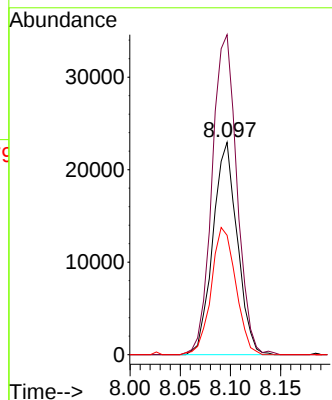
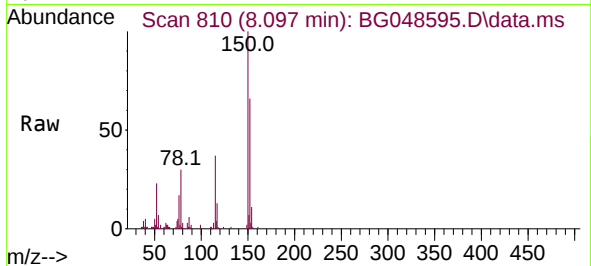




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

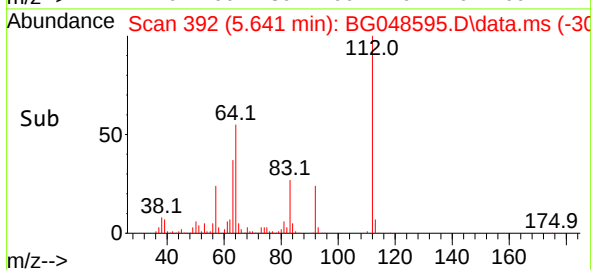
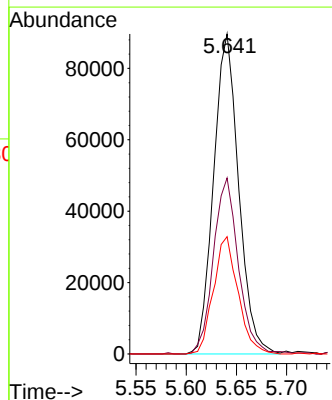
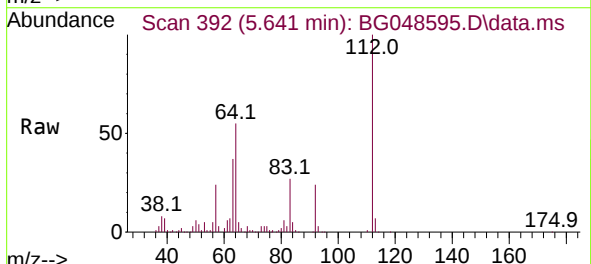
Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

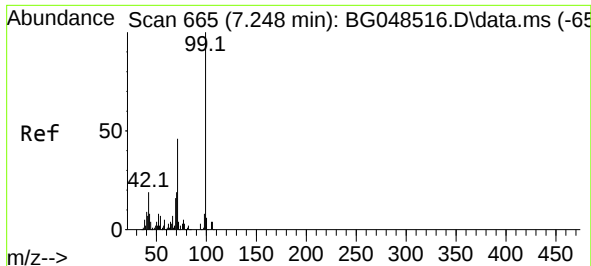
Tgt Ion:152 Resp: 38796
Ion Ratio Lower Upper
152 100
150 150.7 101.3 151.9
115 56.2 42.3 63.5



#5
2-Fluorophenol
Concen: 70.77 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:112 Resp: 155517
Ion Ratio Lower Upper
112 100
64 55.0 50.4 75.6
63 36.7 31.4 47.2



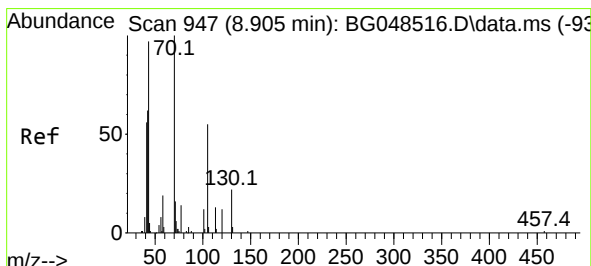
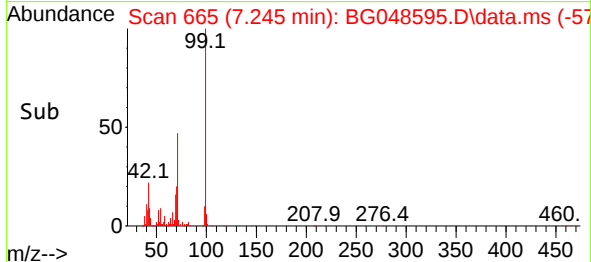
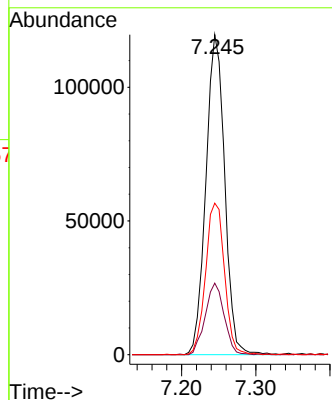
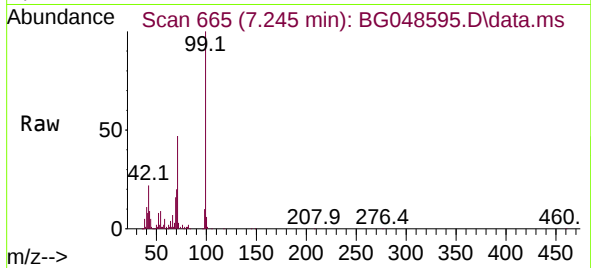


#7
Phenol-d6
Concen: 66.19 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

Tgt Ion: 99 Resp: 210932

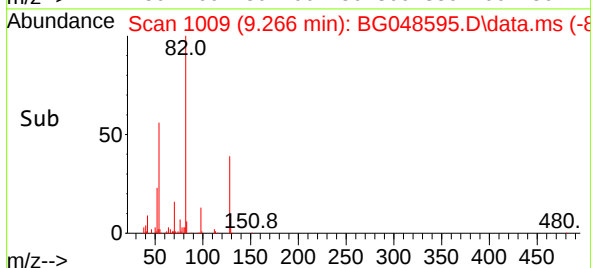
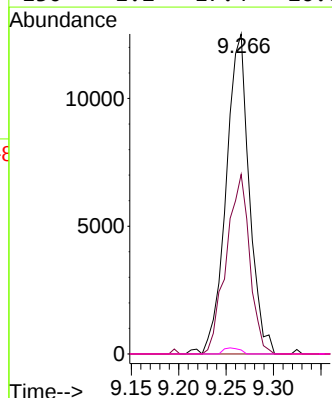
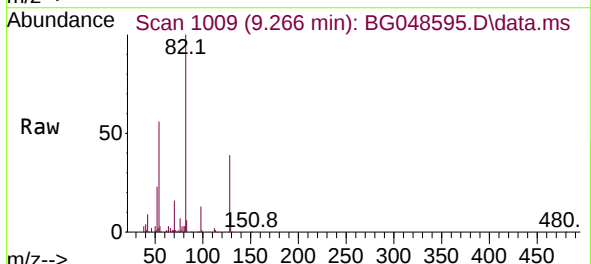
Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.5	23.3
71	47.3	36.6	54.8

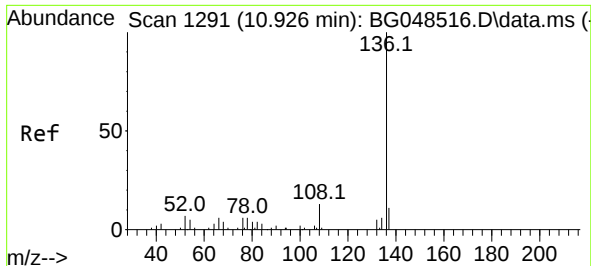


#19
n-Nitroso-di-n-propylamine
Concen: 9.70 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion: 70 Resp: 21308

Ion	Ratio	Lower	Upper
70	100		
42	56.1	50.8	76.2
101	0.0	9.7	14.5#
130	1.2	17.4	26.0#

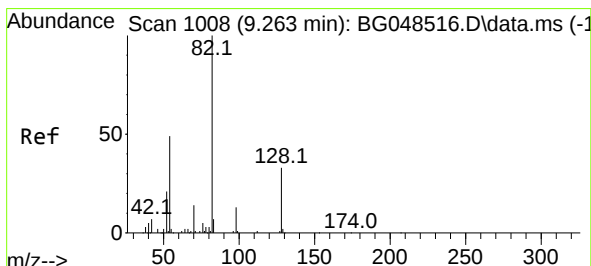
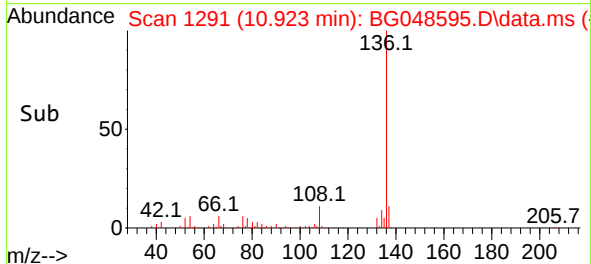
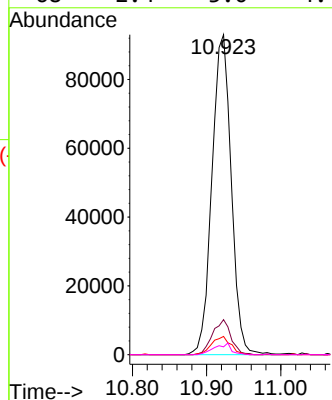
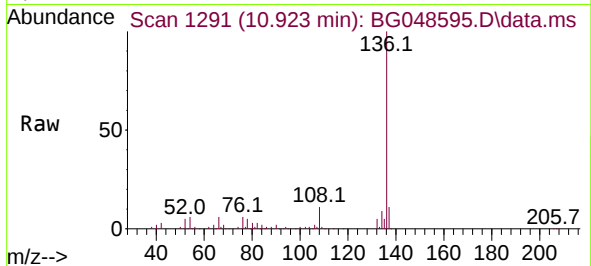




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

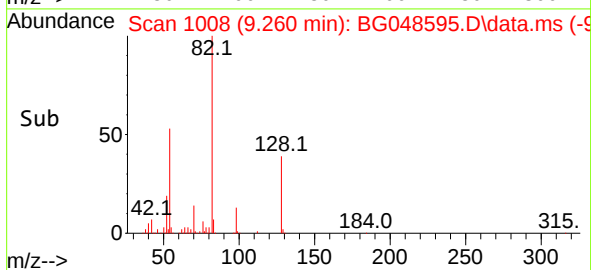
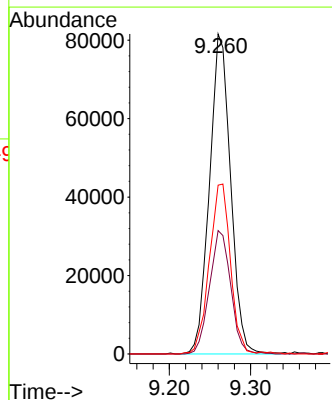
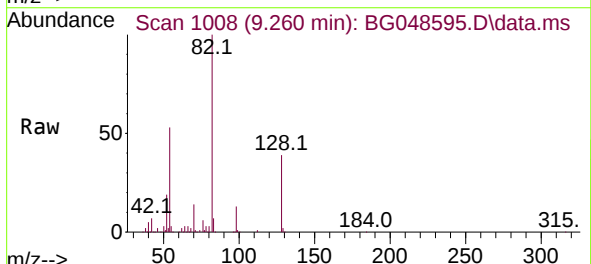
Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

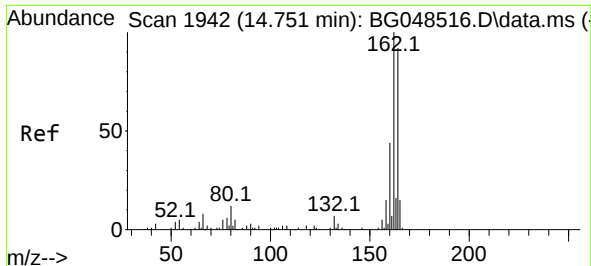
Tgt Ion:	136	Resp:	167923
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.7	4.2	6.4
68	2.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 42.44 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:	82	Resp:	147216
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.2	39.4
54	52.8	38.9	58.3

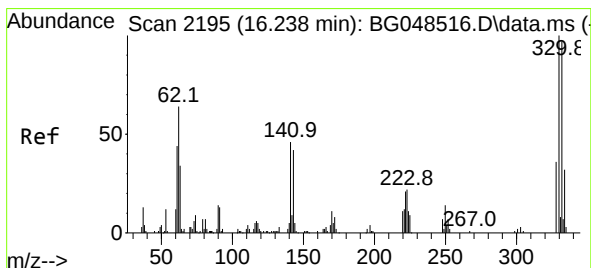
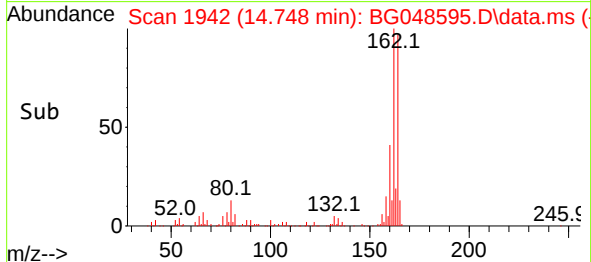
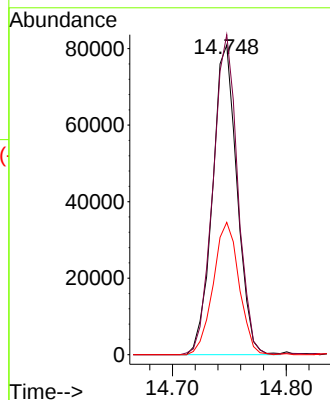
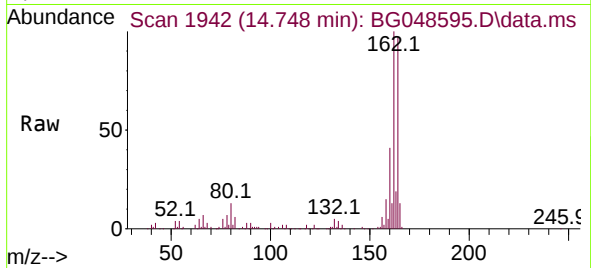




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

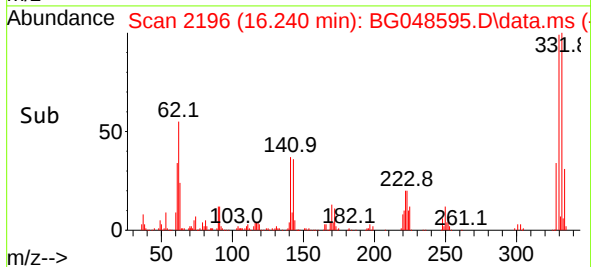
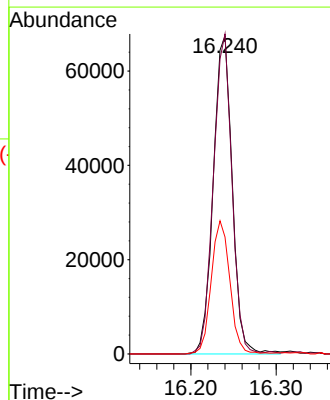
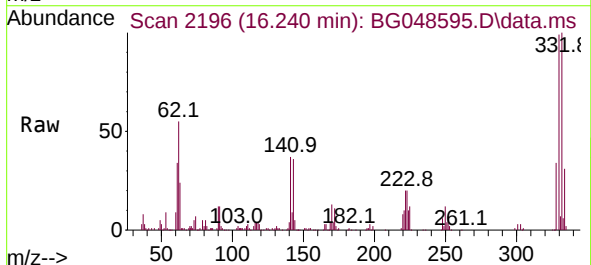
Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

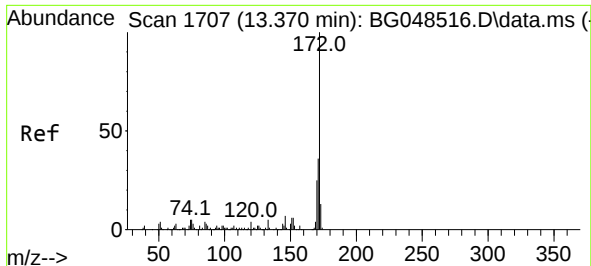
Tgt Ion:164 Resp: 121491
Ion Ratio Lower Upper
164 100
162 103.3 87.0 130.6
160 42.7 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 65.31 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:330 Resp: 104297
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 41.1 34.6 52.0

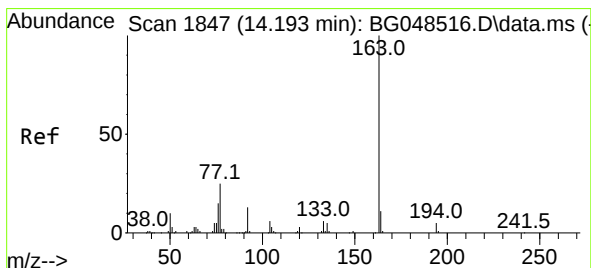
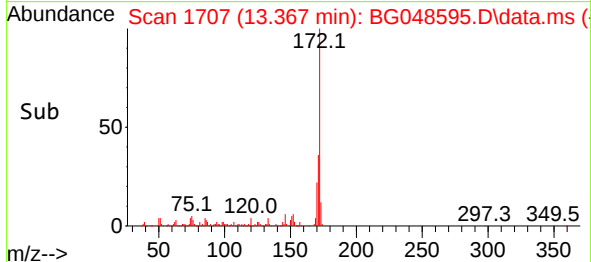
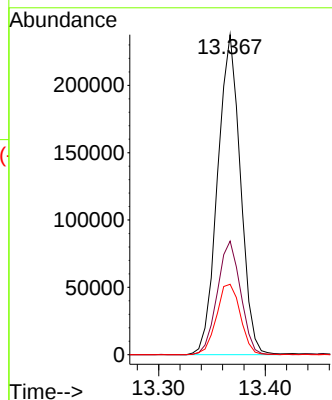
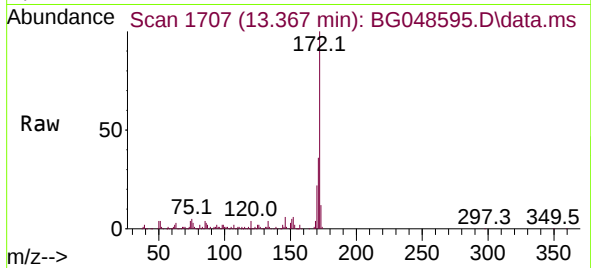




#45
2-Fluorobiphenyl
Concen: 43.15 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

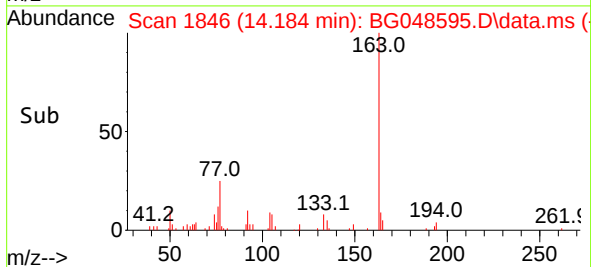
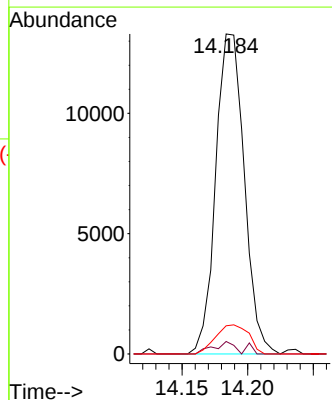
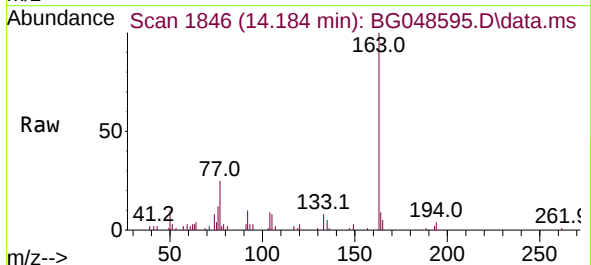
Instrument :
BNA_G
ClientSampleId :
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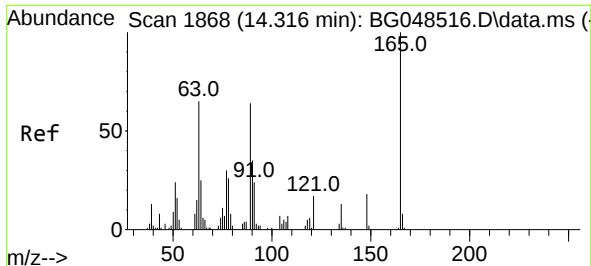
Tgt Ion:172 Resp: 352684
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.0 19.8 29.6



#50
Dimethylphthalate
Concen: 2.23 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:163 Resp: 20101
Ion Ratio Lower Upper
163 100
194 3.9 4.1 6.1#
164 8.8 8.6 12.8

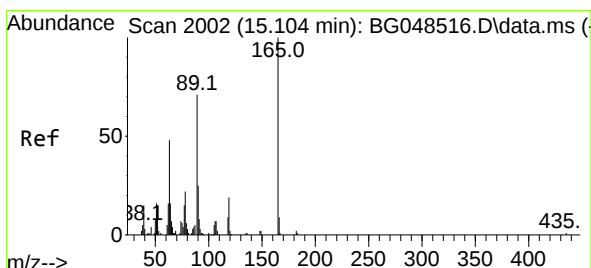
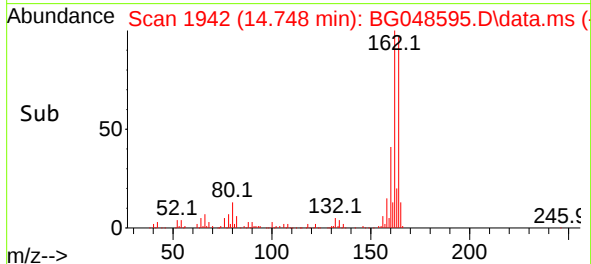
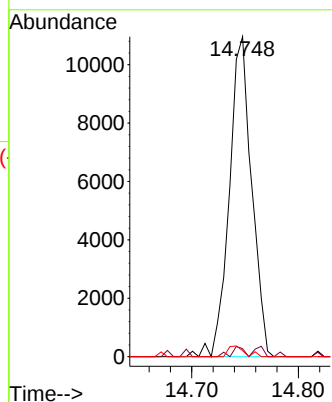
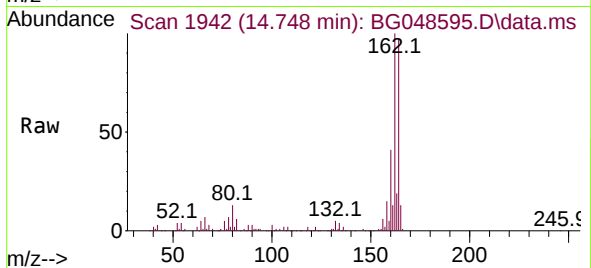




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

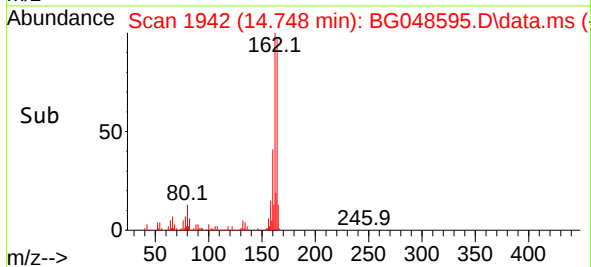
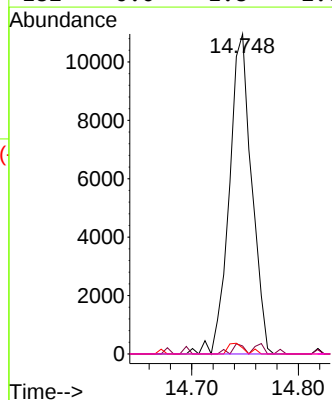
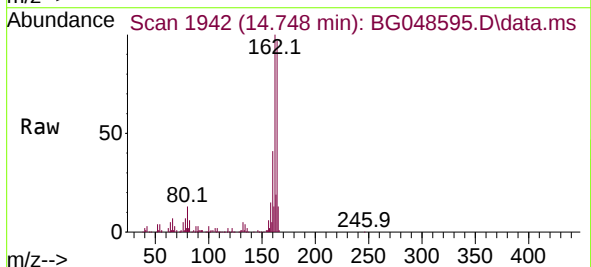
Instrument :
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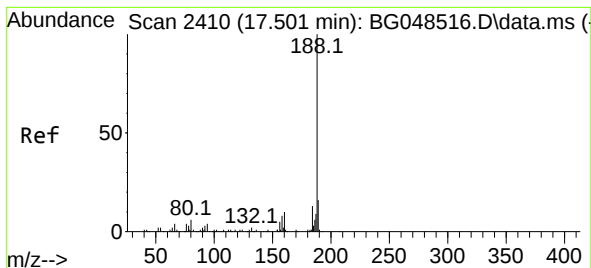
Tgt Ion:165 Resp: 15976
Ion Ratio Lower Upper
165 100
63 2.5 53.8 80.6#
89 1.9 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:165 Resp: 15976
Ion Ratio Lower Upper
165 100
63 2.5 38.3 57.5#
89 1.9 56.5 84.7#
182 0.0 1.8 2.6#

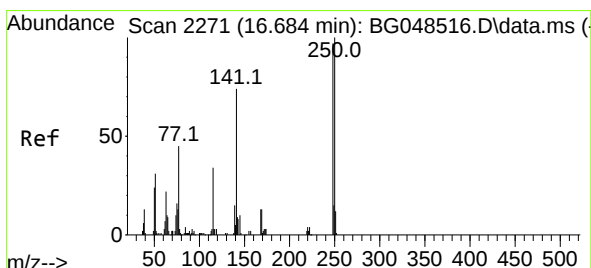
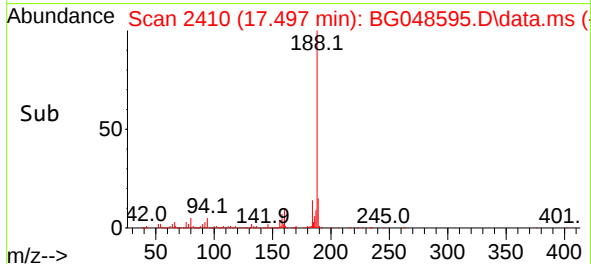
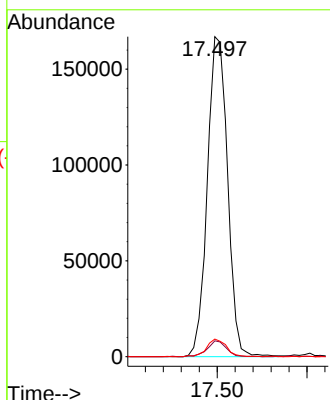
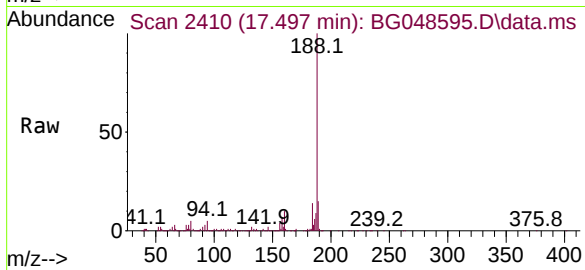




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

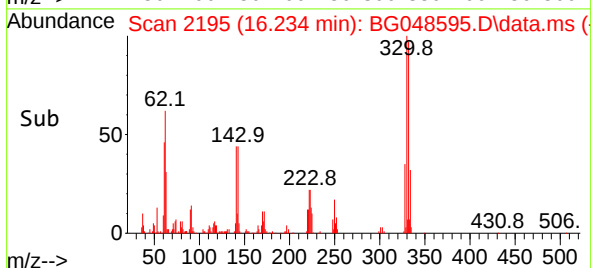
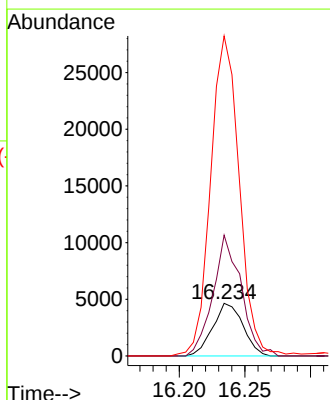
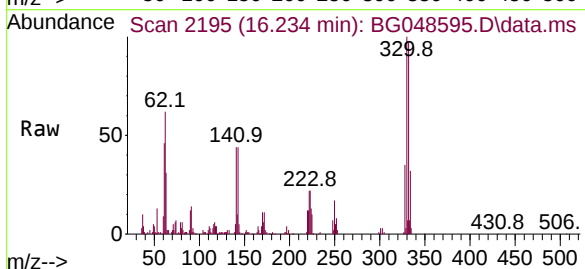
Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

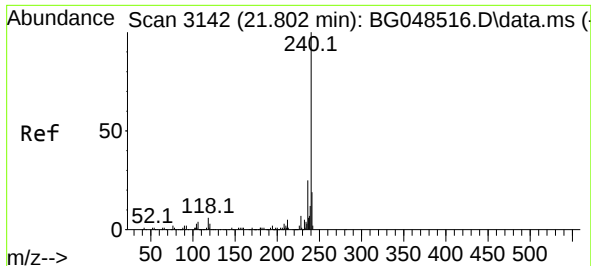
Tgt Ion:188 Resp: 261182
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 5.5 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:248 Resp: 7444
Ion Ratio Lower Upper
248 100
250 229.8 82.6 124.0#
141 608.4 61.0 91.6#

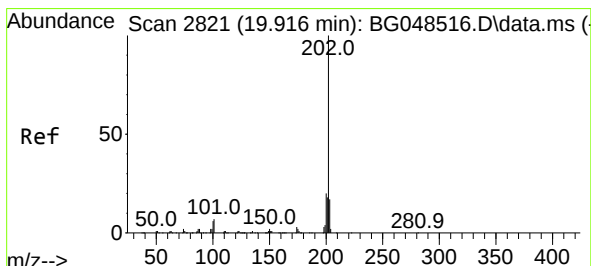
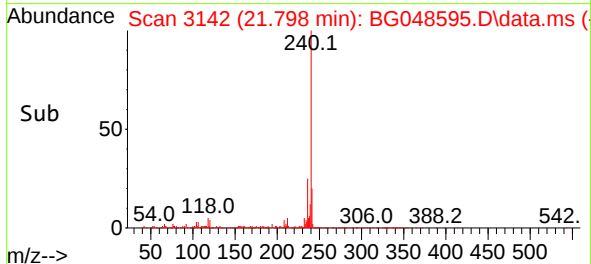
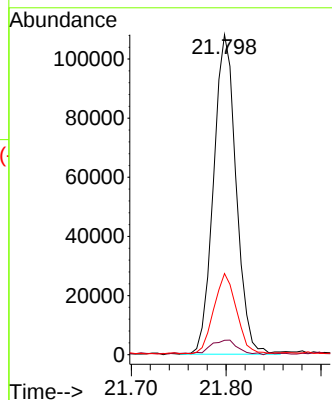
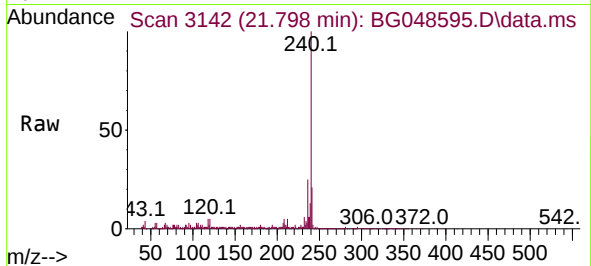




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

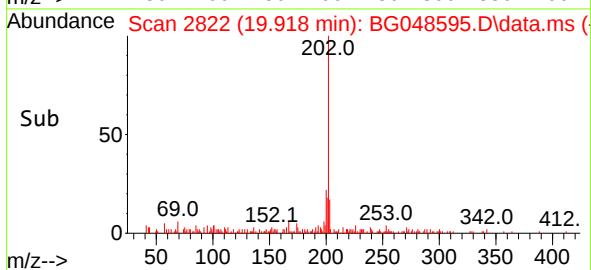
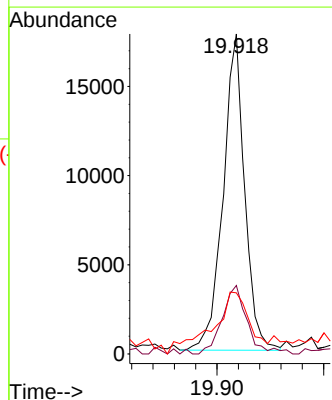
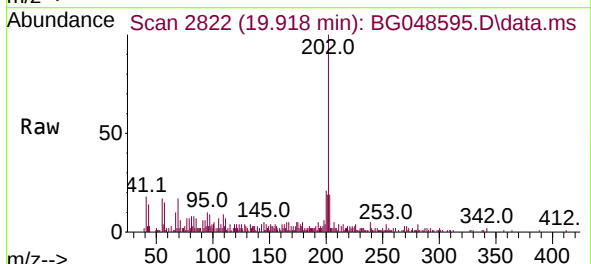
Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

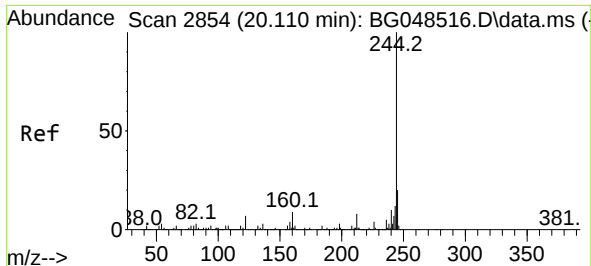
Tgt Ion:240 Resp: 179023
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 25.4 19.8 29.6



#78
Pyrene
Concen: 2.02 ng
RT: 19.918 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:202 Resp: 24844
Ion Ratio Lower Upper
202 100
200 21.4 16.1 24.1
203 19.1 13.6 20.4

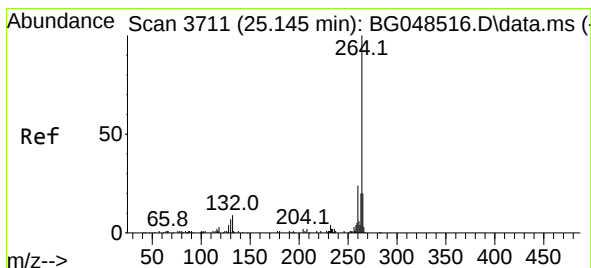
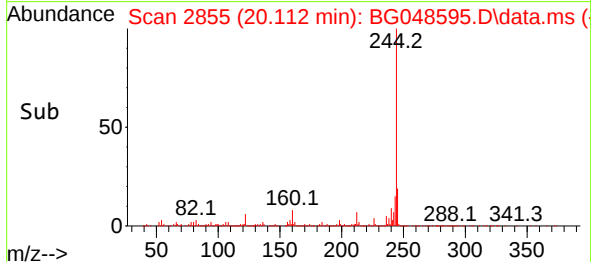
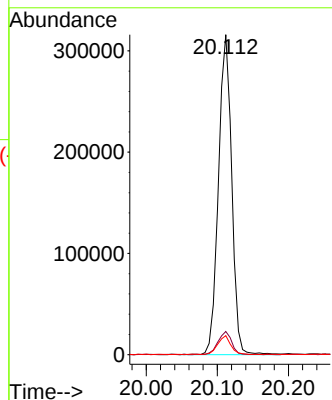
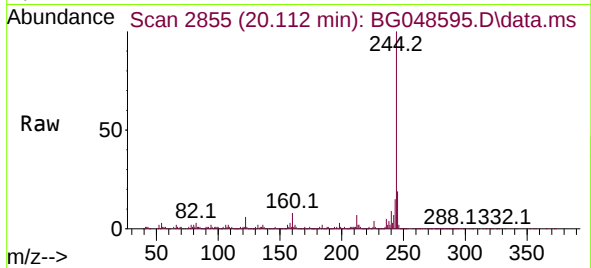




#79
Terphenyl-d14
Concen: 41.59 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Instrument :
BNA_G
ClientSampleId :
TP-5-(0-4)

Tgt Ion:244 Resp: 407181
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 6.0 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.147 min Scan# 3712
Delta R.T. -0.003 min
Lab File: BG048595.D
Acq: 5 Apr 2021 22:42

Tgt Ion:264 Resp: 182973
Ion Ratio Lower Upper
264 100
260 26.3 19.1 28.7
265 21.8 16.1 24.1

