

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048507.D
 Acq On : 25 Mar 2021 18:25
 Operator : CG/JU
 Sample : M1792-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Mar 26 00:46:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

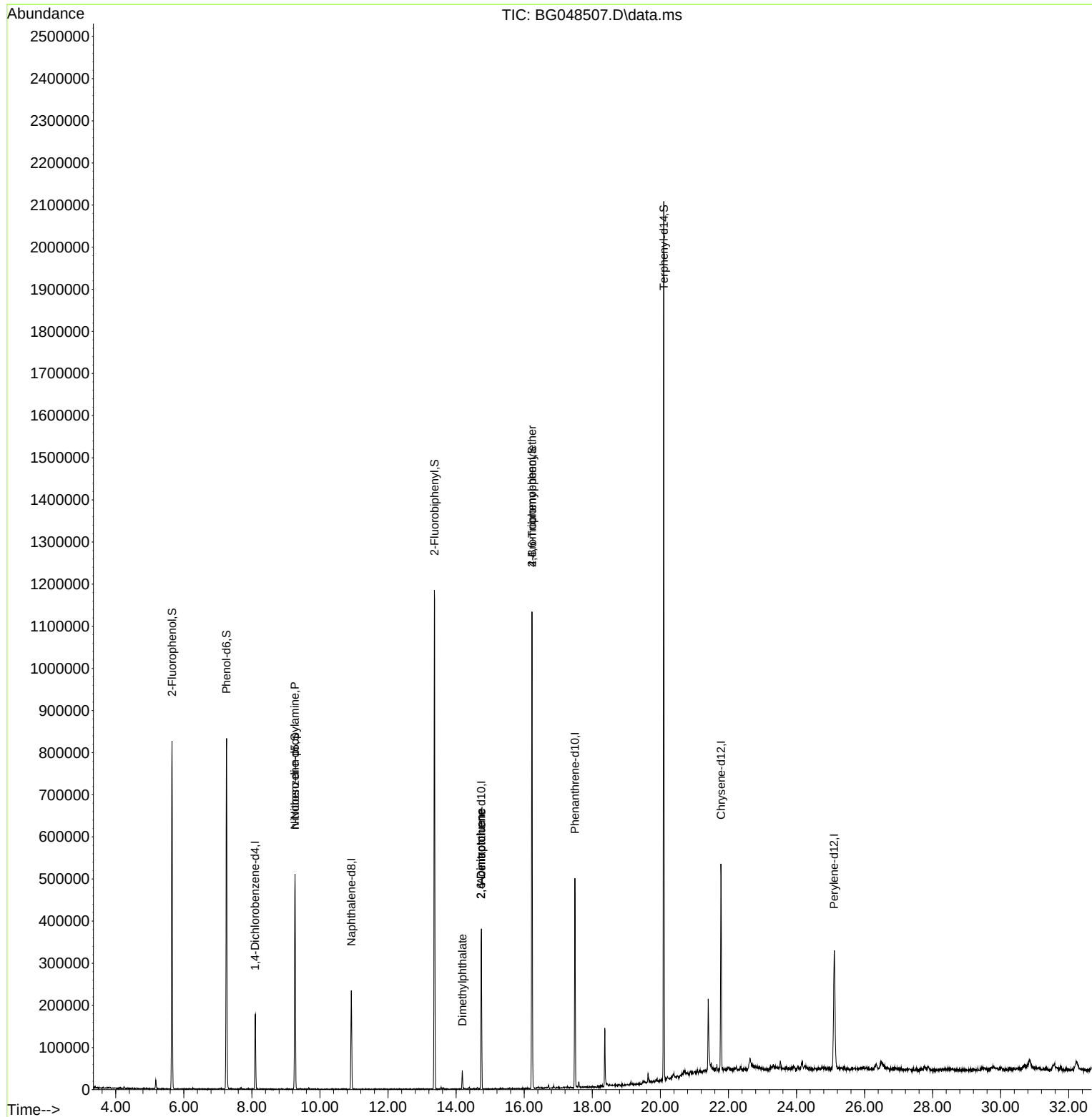
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	47530	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	186019	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	129248	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	290400	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	302232	20.00	ng	#-0.01
86) Perylene-d12	25.106	264	318917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	322288	112.13	ng	0.00
7) Phenol-d6	7.256	99	428238	102.39	ng	0.00
23) Nitrobenzene-d5	9.266	82	317159	68.17	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	215288	102.42	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	592730	65.97	ng	0.00
79) Terphenyl-d14	20.100	244	918791	54.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.239	77	519	Below Cal	#	17
19) n-Nitroso-di-n-propyla...	9.266	70	48619	15.66	ng	# 72
50) Dimethylphthalate	14.183	163	25739	2.45	ng	# 95
51) 2,6-Dinitrotoluene	14.736	165	16584	7.33	ng	# 35
57) 2,4-Dinitrotoluene	14.736	165	16584	5.16	ng	# 33
67) 4-Bromophenyl-phenylether	16.228	248	12532	3.43	ng	# 1

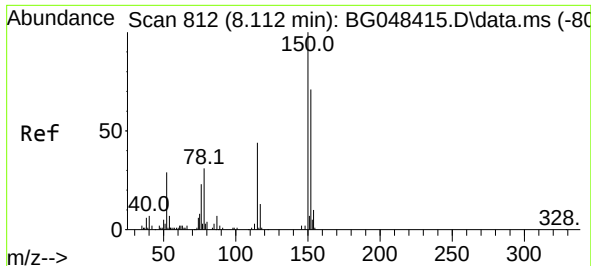
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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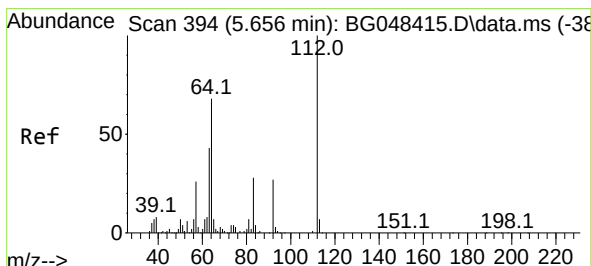
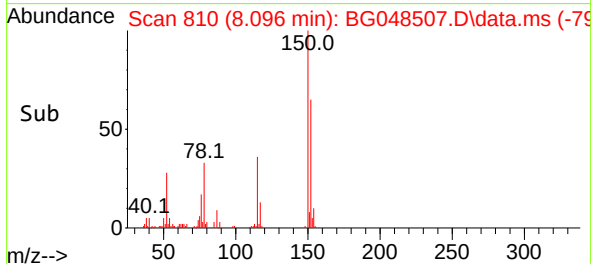
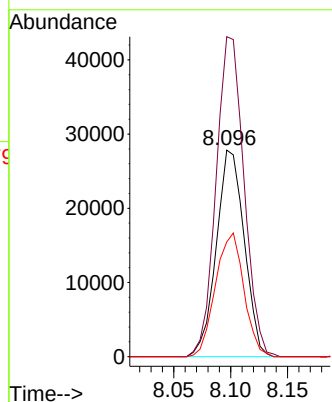
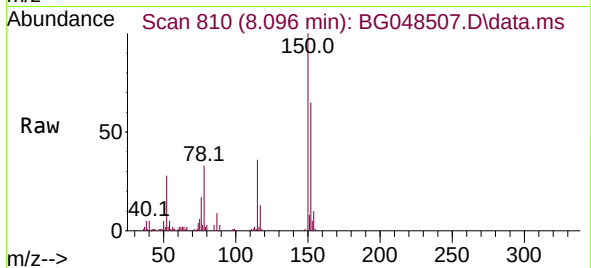




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.096 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

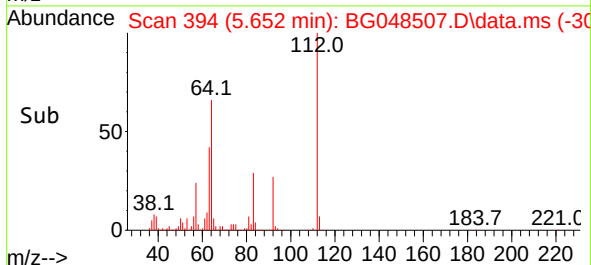
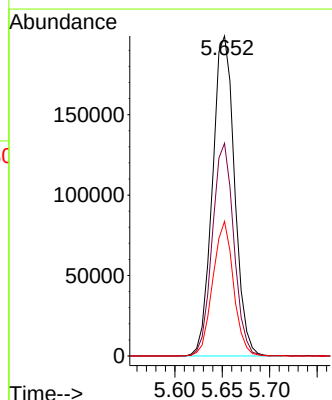
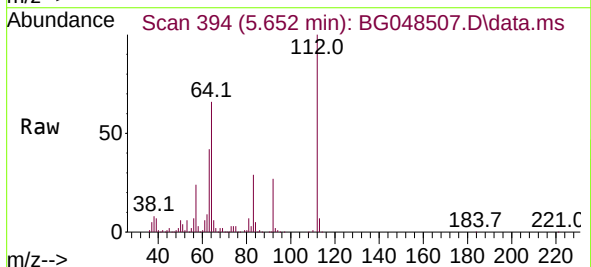
Instrument :
BNA_G
ClientSampleId :
TP-6

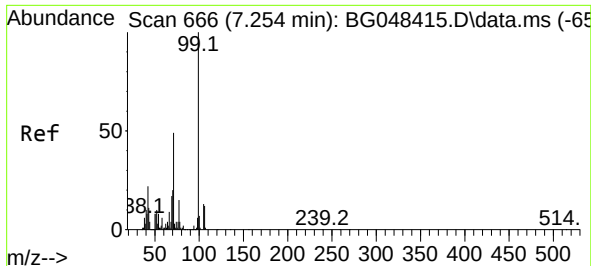
Tgt Ion:152 Resp: 47530
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 55.6 41.8 62.6



#5
2-Fluorophenol
Concen: 112.13 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion:112 Resp: 322288
Ion Ratio Lower Upper
112 100
64 66.4 46.7 70.1
63 42.1 22.8 34.2#

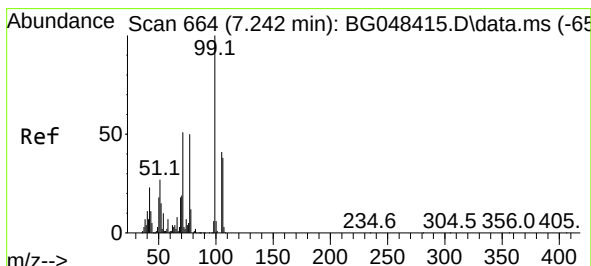
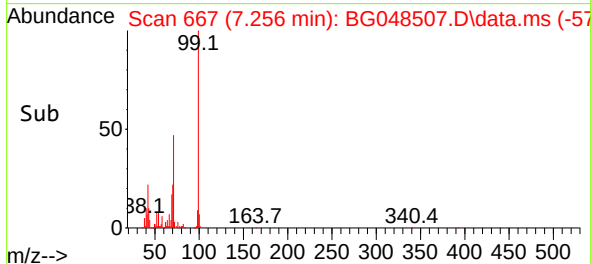
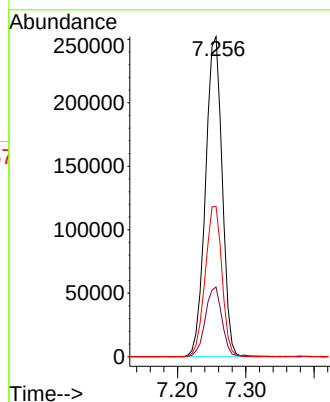
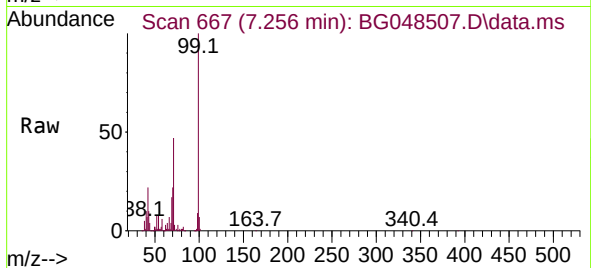




#7
Phenol-d6
Concen: 102.39 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.006 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

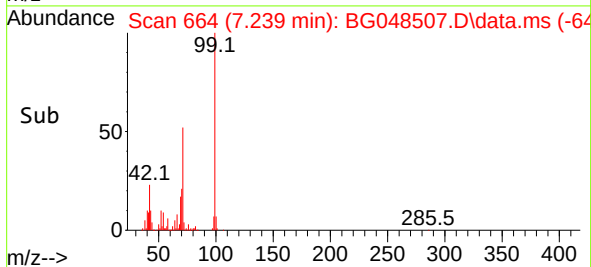
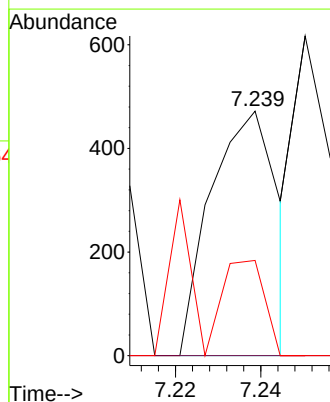
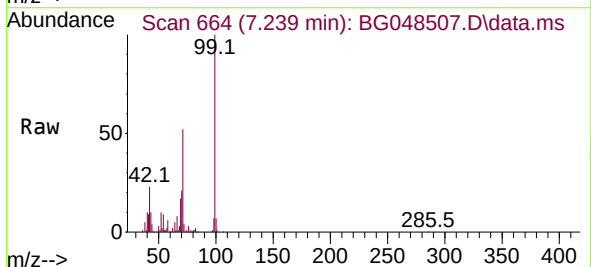
Instrument :
BNA_G
ClientSampleId :
TP-6

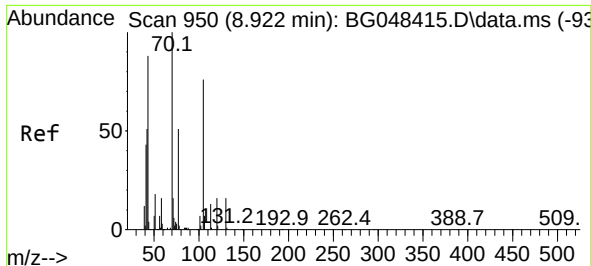
Tgt Ion: 99 Resp: 428238
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 47.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion: 77 Resp: 519
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 39.0 80.9 120.9#

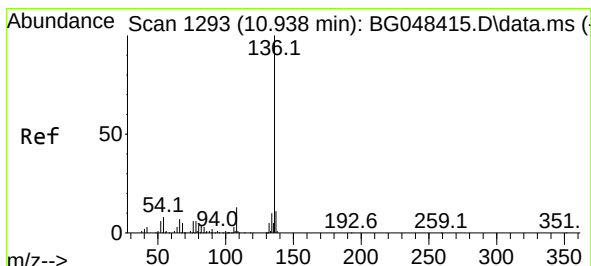
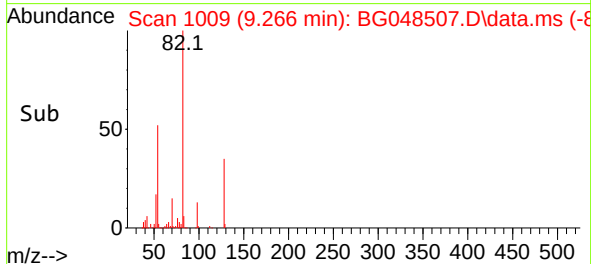
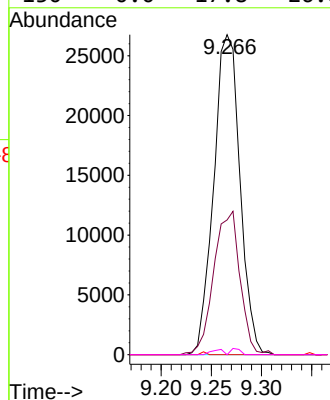
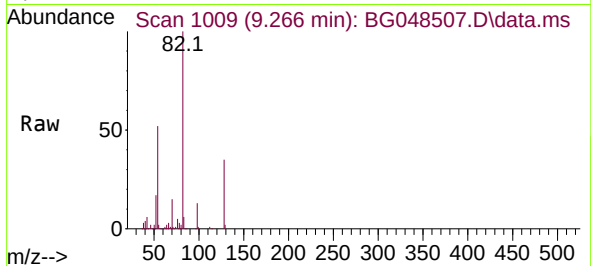




#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

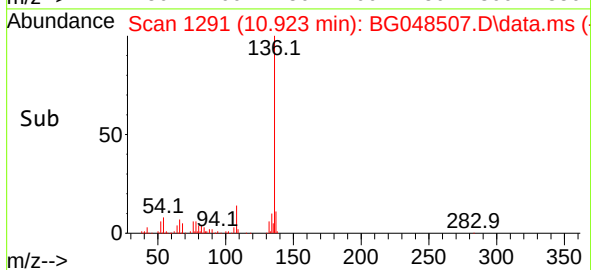
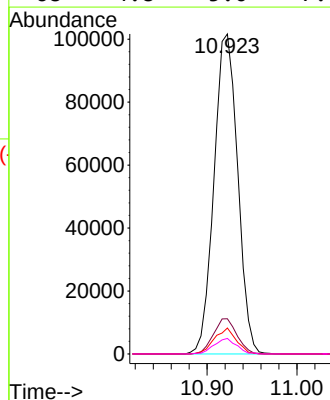
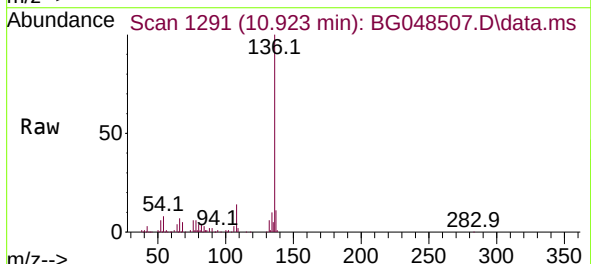
Instrument :
BNA_G
ClientSampled :
TP-6

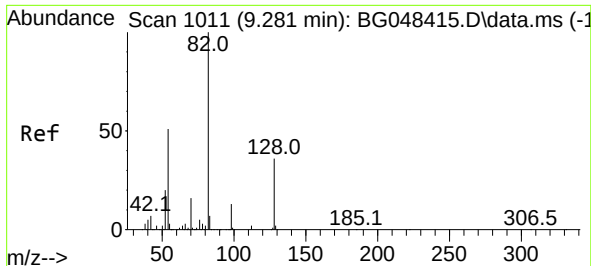
Tgt Ion: 70	Resp: 48619
Ion Ratio	Lower Upper
70 100	
42 42.1	45.6 68.4#
101 0.0	8.4 12.6#
130 0.0	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion: 136	Resp: 186019
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 8.1	6.2 9.4
68 4.8	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 68.17 ng

RT: 9.266 min Scan# 1009

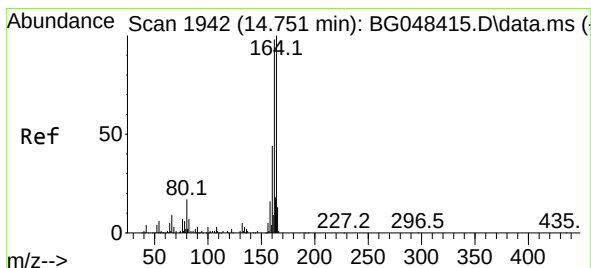
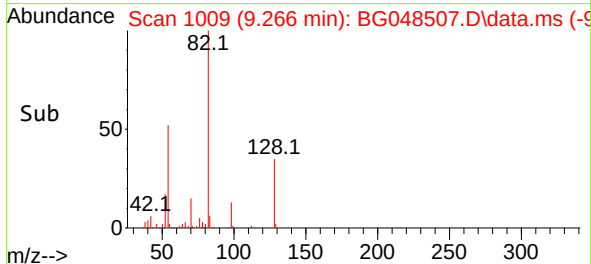
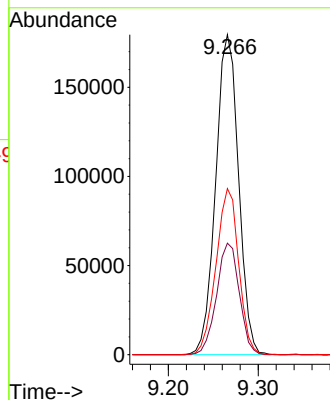
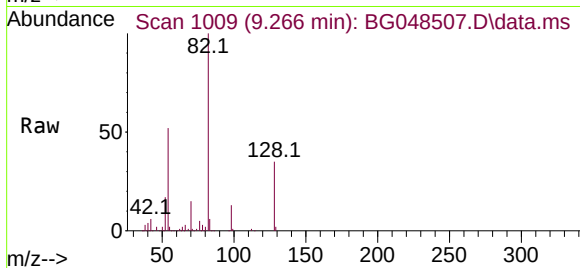
Delta R.T. -0.006 min

Lab File: BG048507.D

Acq: 25 Mar 2021 18:25

Tgt Ion: 82 Resp: 317159

Ion	Ratio	Lower	Upper
82	100		
128	34.8	37.0	55.6#
54	51.9	39.0	58.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.742 min Scan# 1941

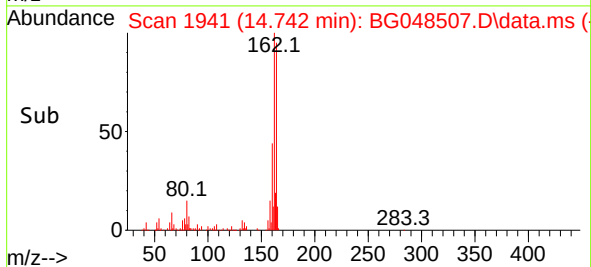
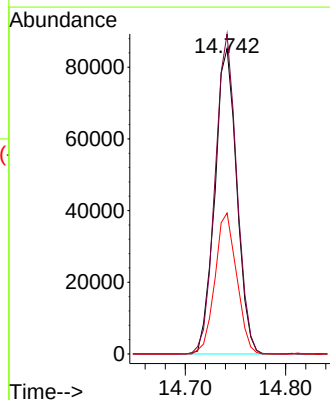
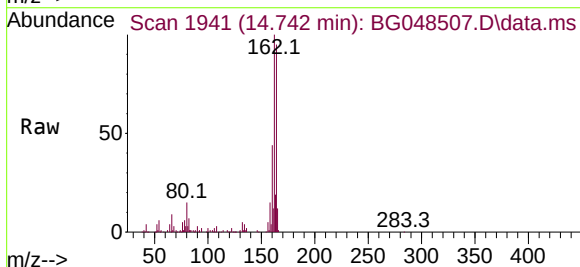
Delta R.T. -0.006 min

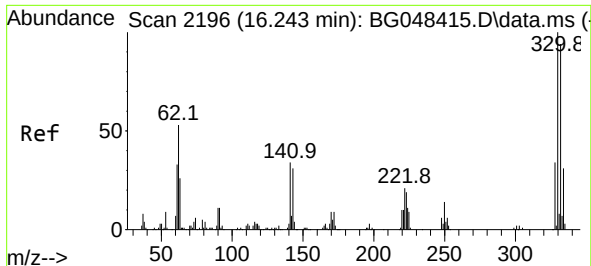
Lab File: BG048507.D

Acq: 25 Mar 2021 18:25

Tgt Ion: 164 Resp: 129248

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.3	123.5
160	46.1	35.3	52.9

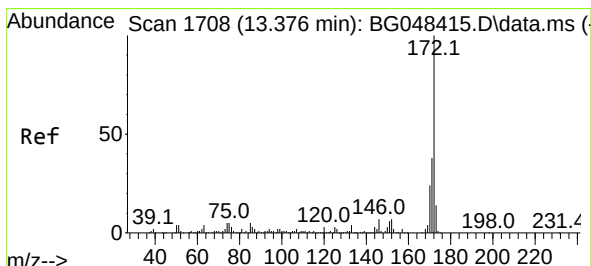
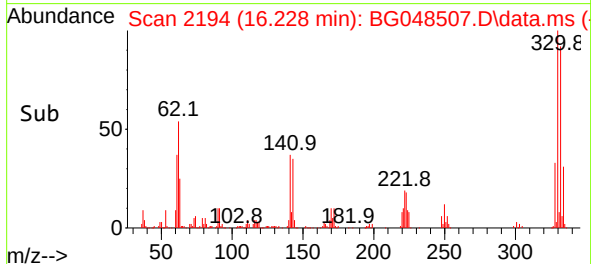
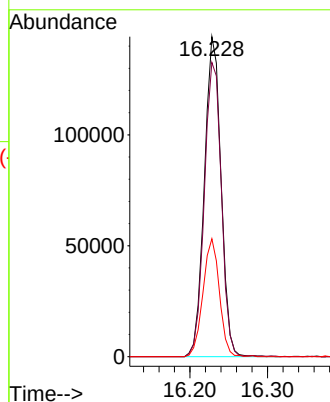
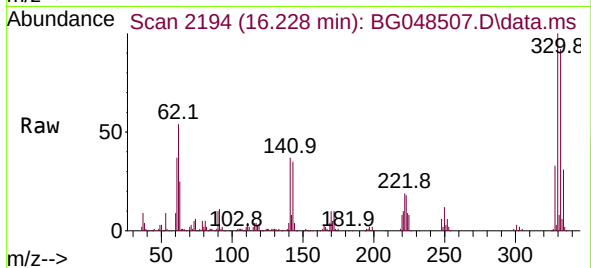




#42
2,4,6-Tribromophenol
Concen: 102.42 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

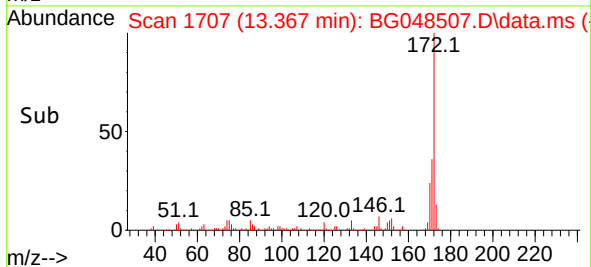
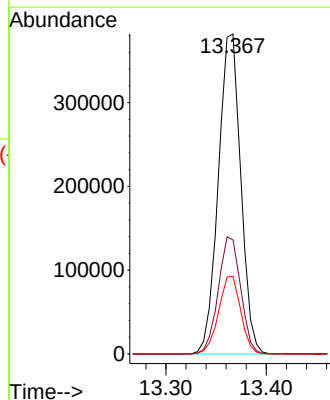
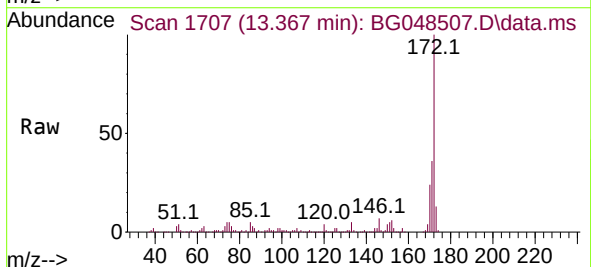
Instrument :
BNA_G
ClientSampleId :
TP-6

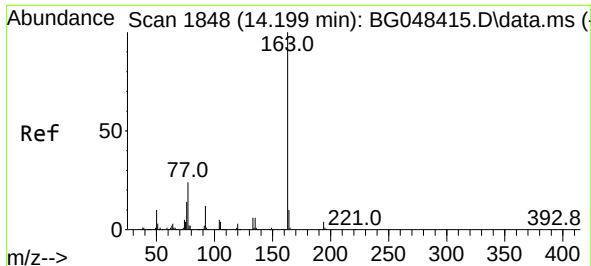
Tgt Ion:330 Resp: 215288
Ion Ratio Lower Upper
330 100
332 93.9 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 65.97 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion:172 Resp: 592730
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 24.2 20.8 31.2

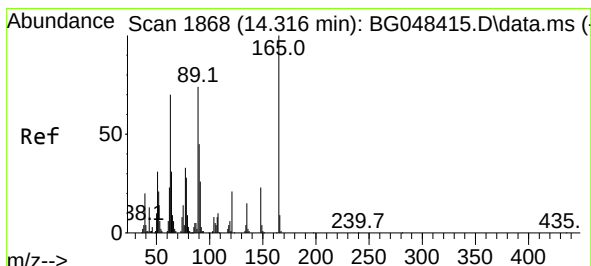
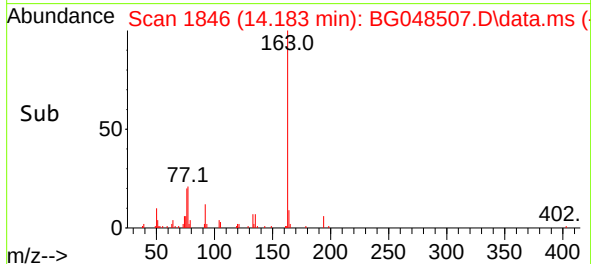
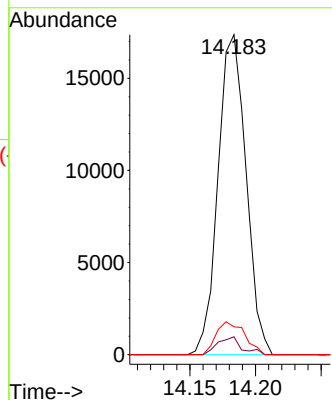
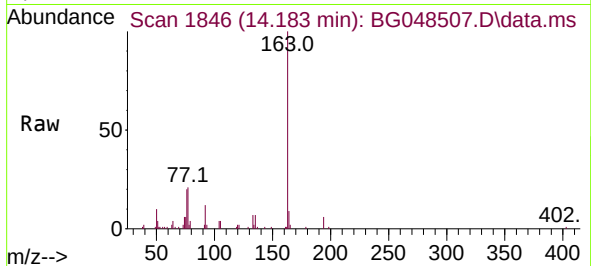




#50
Dimethylphthalate
Concen: 2.45 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

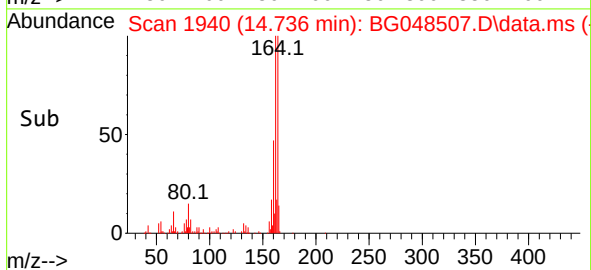
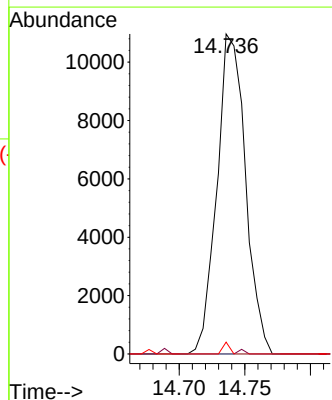
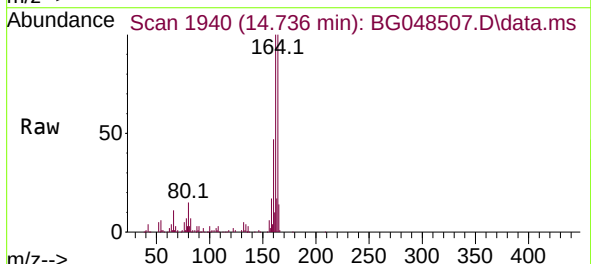
Instrument :
BNA_G
ClientSampleId :
TP-6

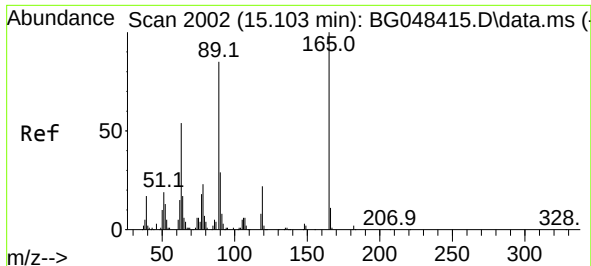
Tgt Ion:163 Resp: 25739
Ion Ratio Lower Upper
163 100
194 5.6 3.8 5.8
164 8.7 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion:165 Resp: 16584
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.7 36.6 54.8#

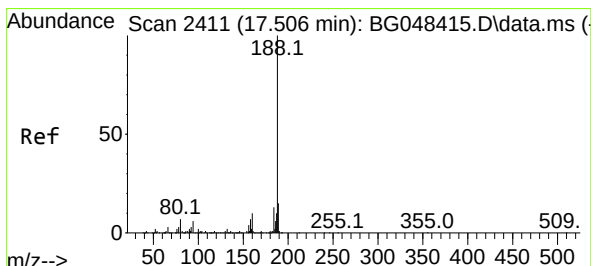
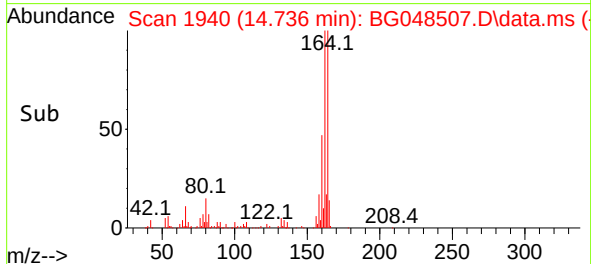
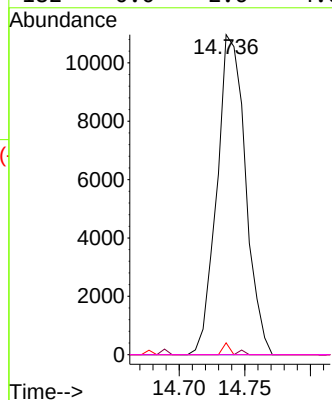
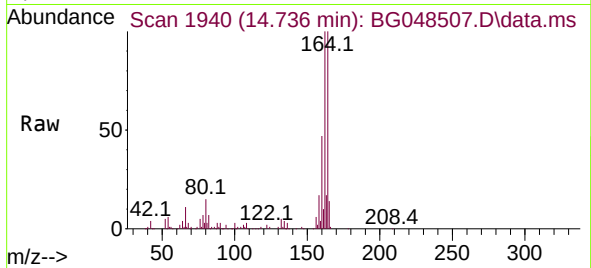




#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

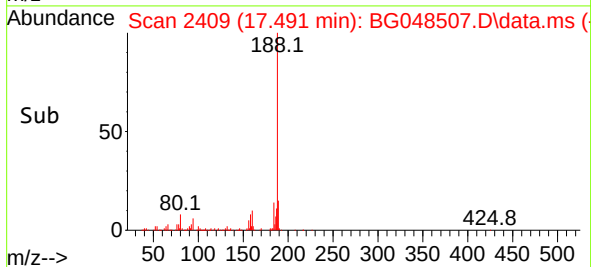
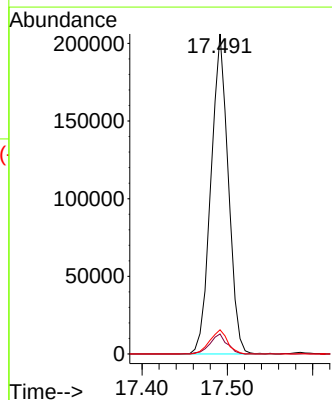
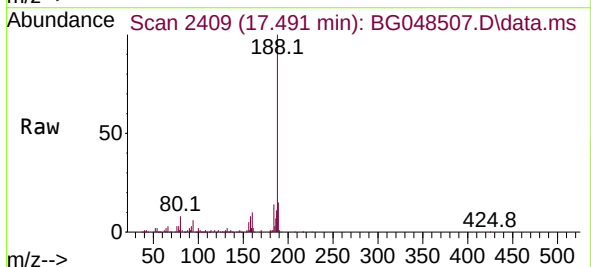
Instrument :
BNA_G
ClientSampleId :
TP-6

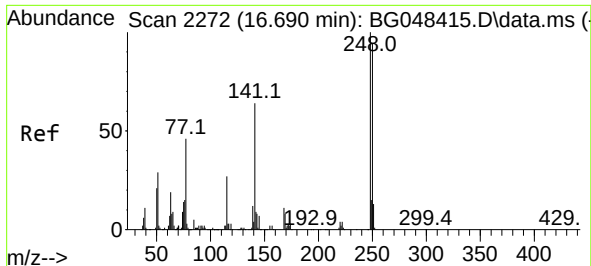
Tgt Ion:165	Resp:	16584
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4 39.6#
89	3.7	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion:188	Resp:	290400
Ion Ratio	Lower	Upper
188	100	
94	6.3	6.3 9.5#
80	7.6	7.0 10.6

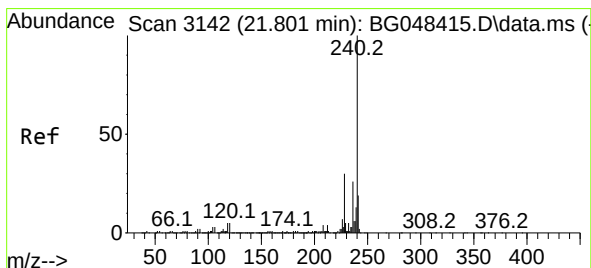
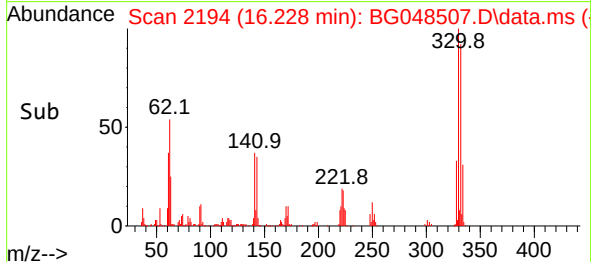
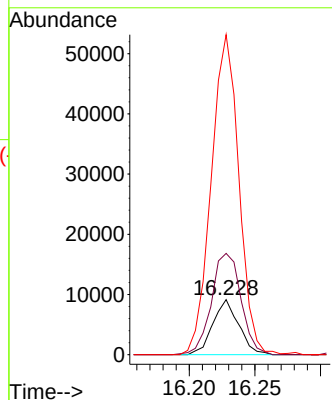
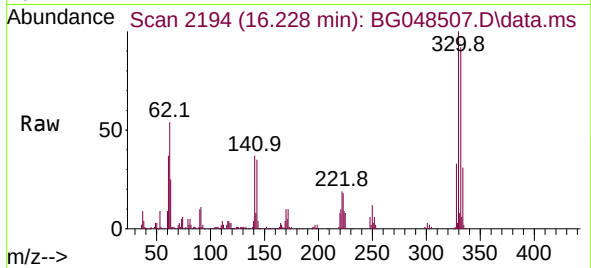




#67
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

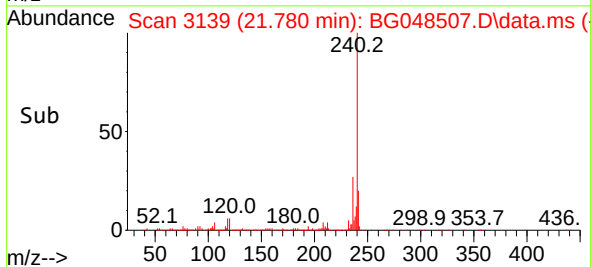
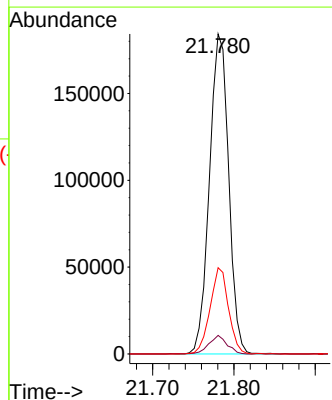
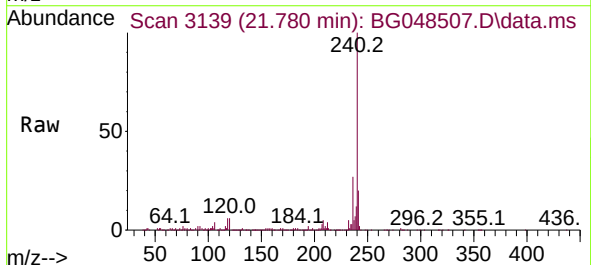
Instrument :
BNA_G
ClientSampled :
TP-6

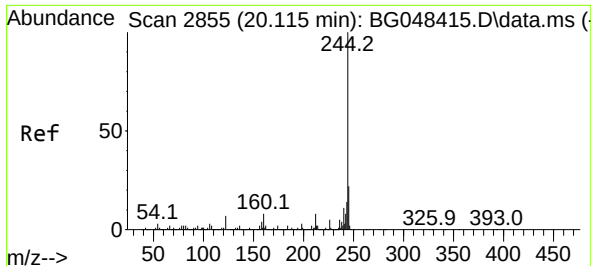
Tgt Ion:248 Resp: 12532
Ion Ratio Lower Upper
248 100
250 184.2 78.9 118.3#
141 581.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048507.D
Acq: 25 Mar 2021 18:25

Tgt Ion:240 Resp: 302232
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.9 20.5 30.7

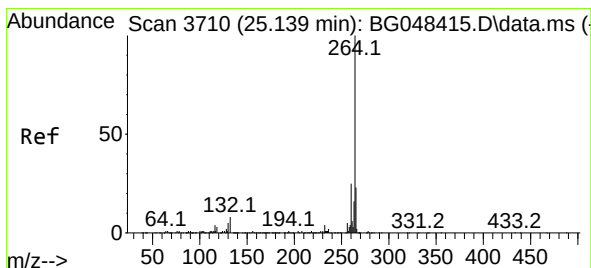
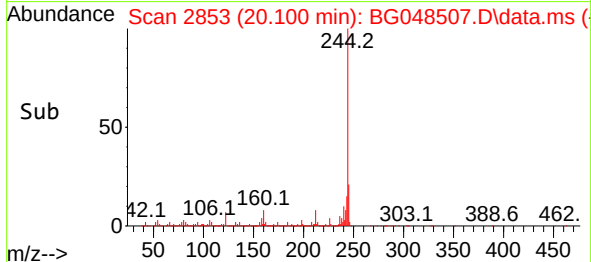
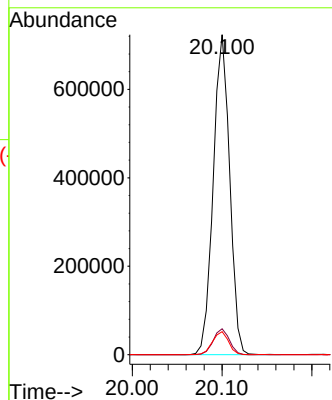
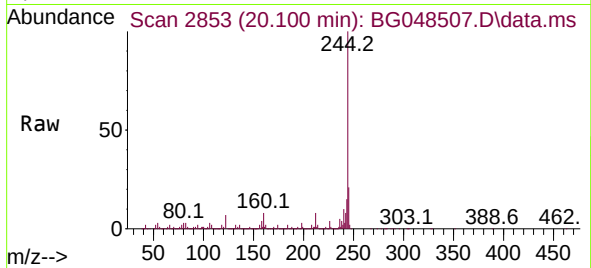




#79
 Terphenyl-d14
 Concen: 54.82 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048507.D
 Acq: 25 Mar 2021 18:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 918791
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 7.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.106 min Scan# 3705
 Delta R.T. -0.018 min
 Lab File: BG048507.D
 Acq: 25 Mar 2021 18:25

Tgt Ion:264 Resp: 318917
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.3 17.8 26.8

