

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048091.D
 Acq On : 3 Feb 2021 14:23
 Operator : CG/JU
 Sample : M1292-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-003-0205

Quant Time: Feb 03 15:31:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

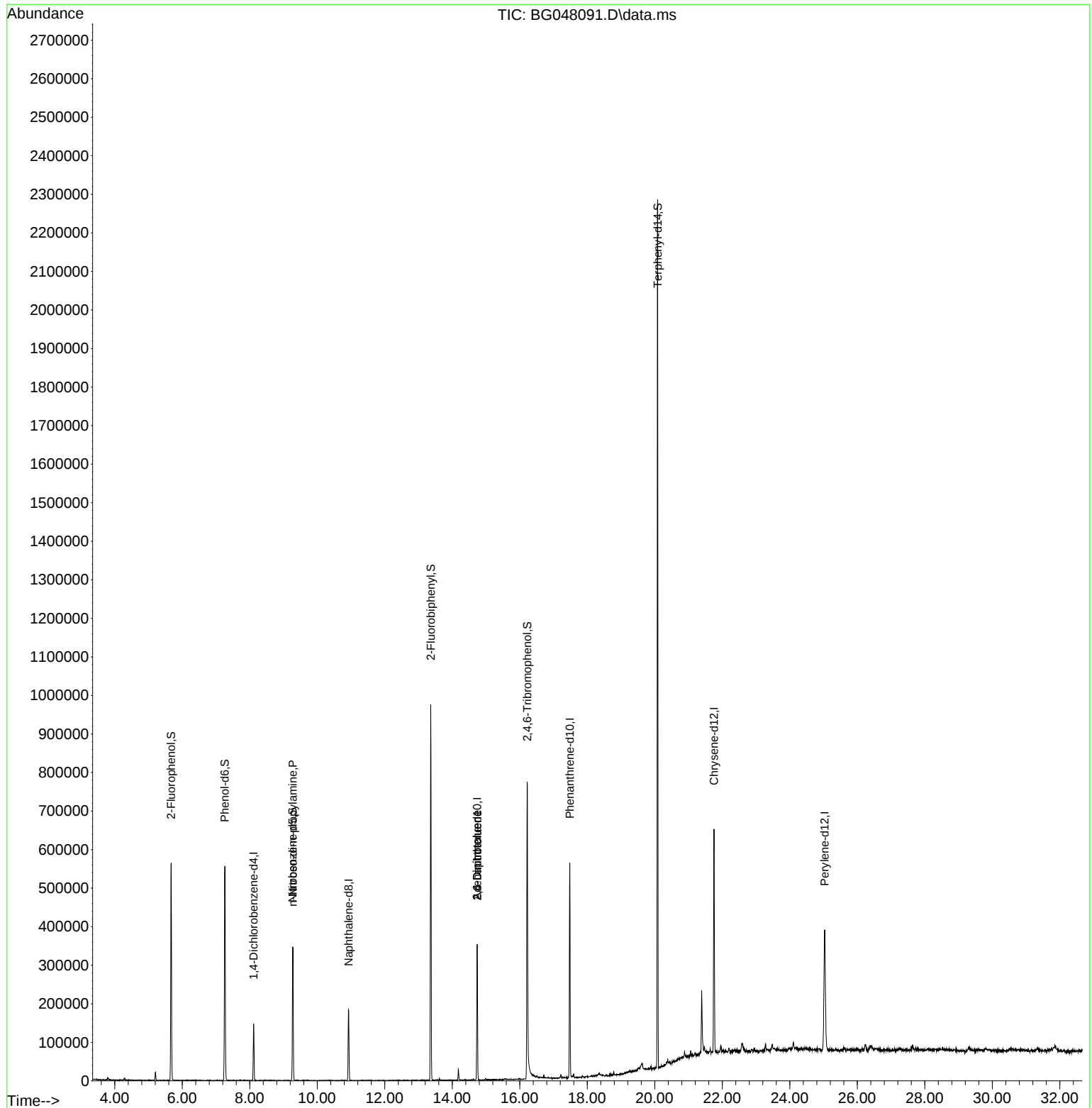
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	39682	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	151736	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	123664	20.00	ng	0.00
64) Phenanthrene-d10	17.482	188	344752	20.00	ng	# 0.00
76) Chrysene-d12	21.754	240	362216	20.00	ng	# 0.00
86) Perylene-d12	25.032	264	366118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	226160	87.59	ng	0.00
7) Phenol-d6	7.265	99	310747	79.15	ng	0.00
23) Nitrobenzene-d5	9.274	82	211617	55.18	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	184234	89.45	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	504496	52.75	ng	0.00
79) Terphenyl-d14	20.085	244	1021286	48.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	30800	10.75	ng	# 72
51) 2,6-Dinitrotoluene	14.739	165	15064	6.47	ng	# 37
57) 2,4-Dinitrotoluene	14.739	165	15064	4.48	ng	# 35

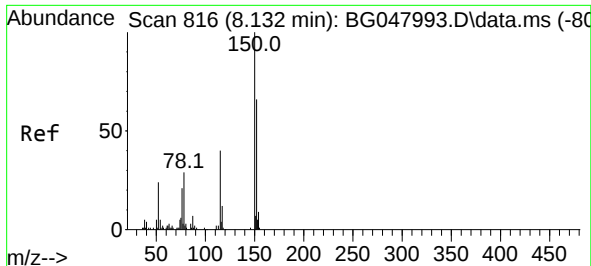
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
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QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

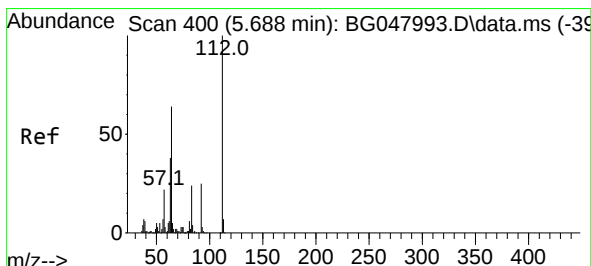
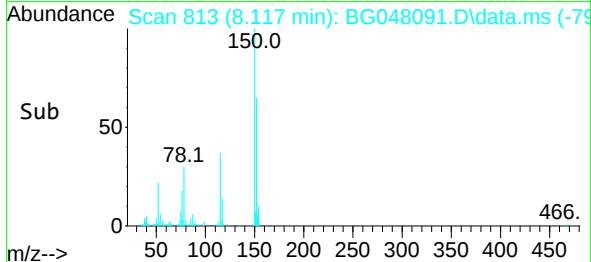
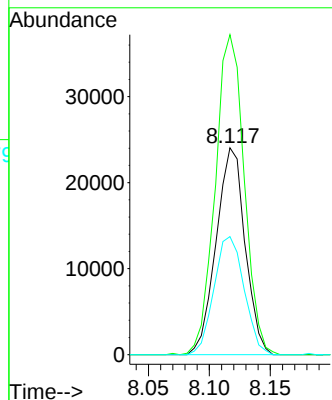
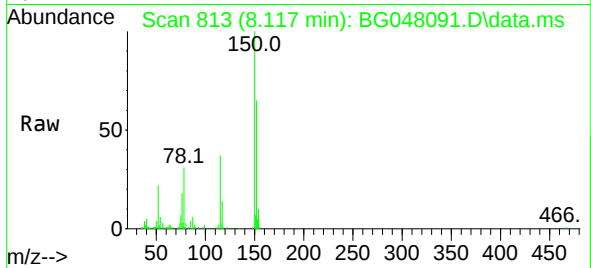




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

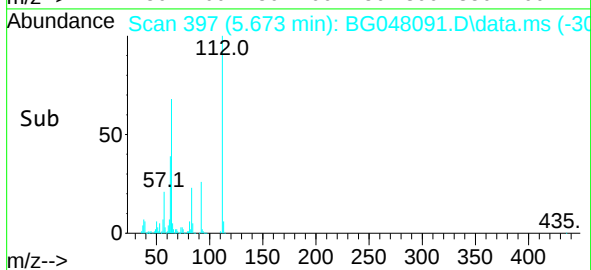
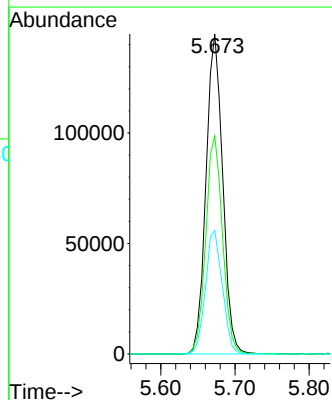
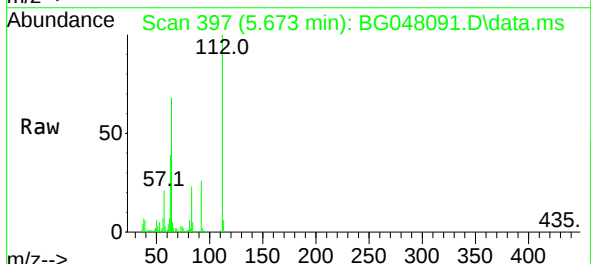
Instrument :
BNA_G
ClientSampleId :
OU421-003-0205

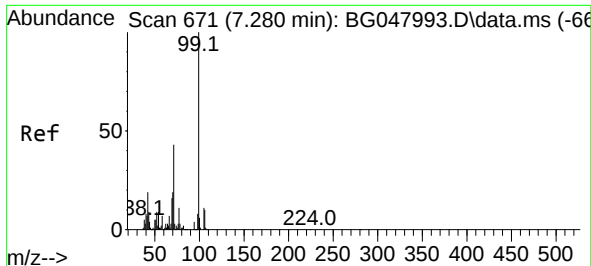
Tgt Ion:152 Resp: 39682
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 57.1 41.8 62.6



#5
2-Fluorophenol
Concen: 87.59 ng
RT: 5.673 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Tgt Ion:112 Resp: 226160
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 38.6 22.8 34.2#

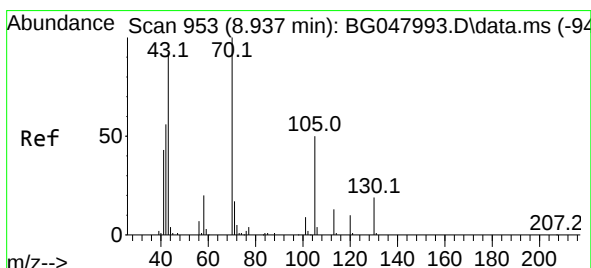
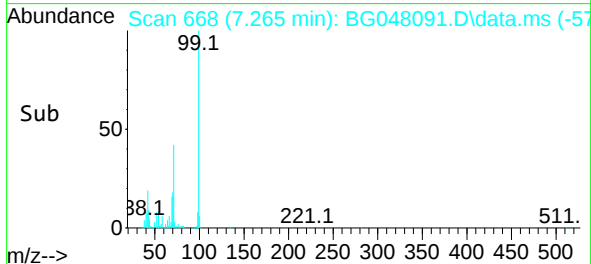
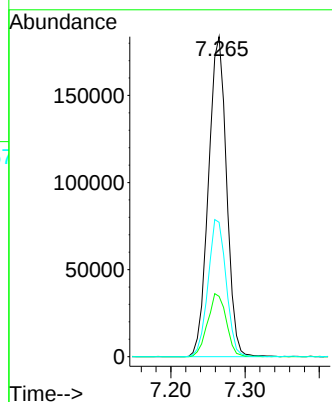
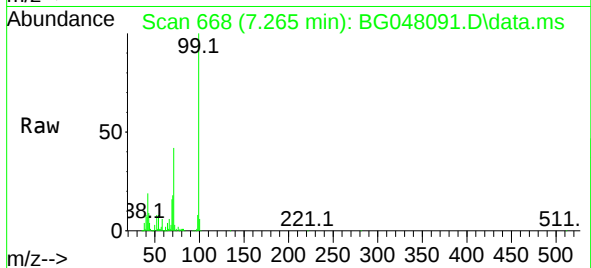




#7
Phenol-d6
Concen: 79.15 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

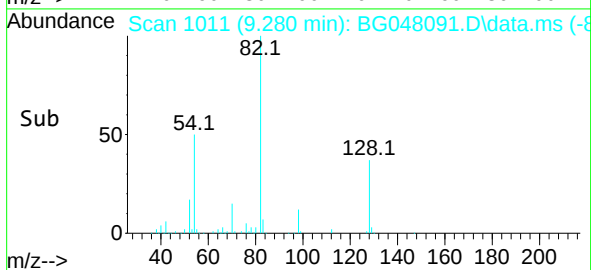
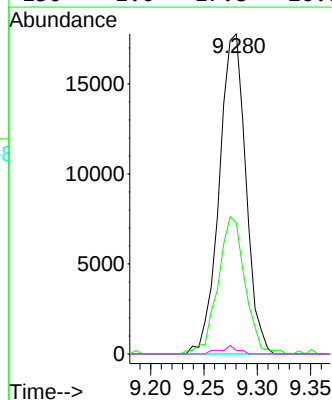
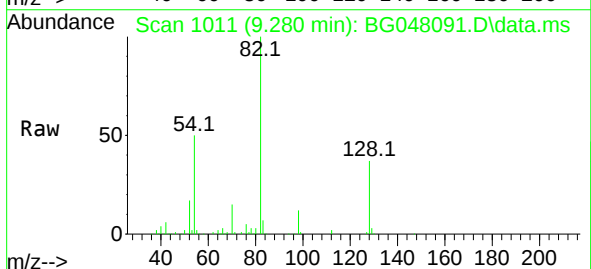
Instrument :
BNA_G
ClientSampleId :
OU421-003-0205

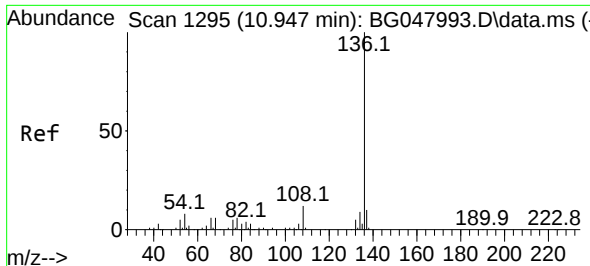
Tgt Ion: 99 Resp: 310747
Ion Ratio Lower Upper
99 100
42 18.9 12.8 19.2
71 42.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.75 ng
RT: 9.280 min Scan# 1011
Delta R.T. 0.356 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Tgt Ion: 70 Resp: 30800
Ion Ratio Lower Upper
70 100
42 40.9 45.6 68.4#
101 0.0 8.4 12.6#
130 1.0 17.8 26.8#

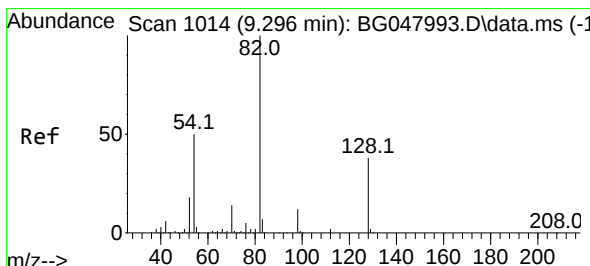
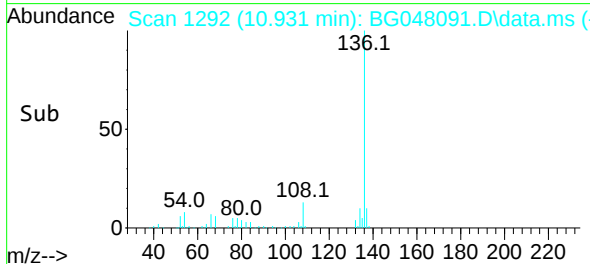
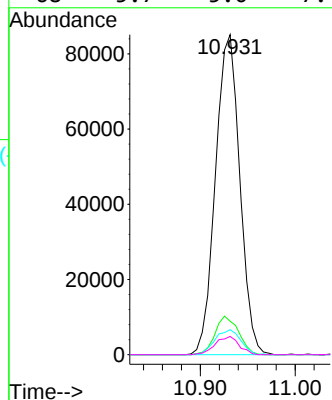
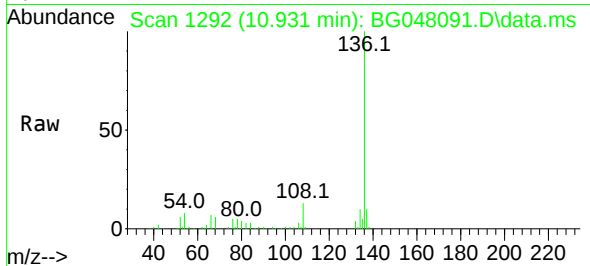




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

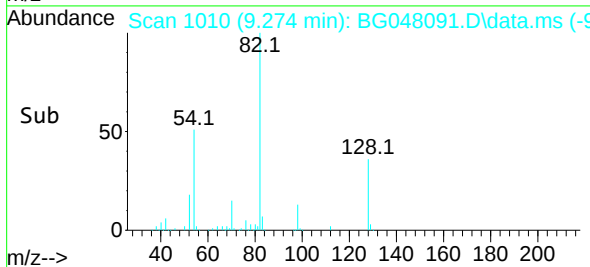
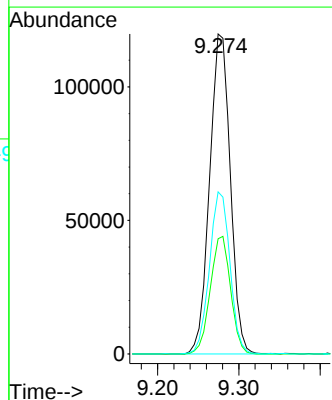
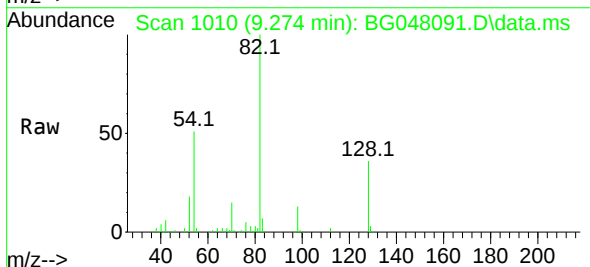
Instrument :
BNA_G
ClientSampleId :
OU421-003-0205

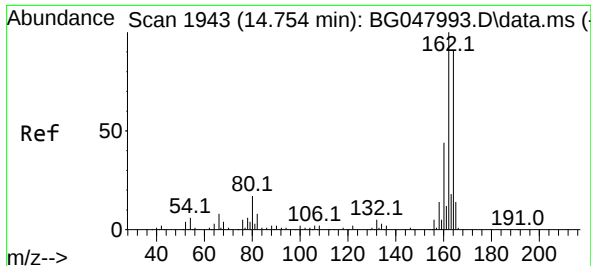
Tgt Ion:136	Resp: 151736
Ion Ratio	Lower Upper
136 100	
137 10.5	9.1 13.7
54 7.8	6.2 9.4
68 5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 55.18 ng
RT: 9.274 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

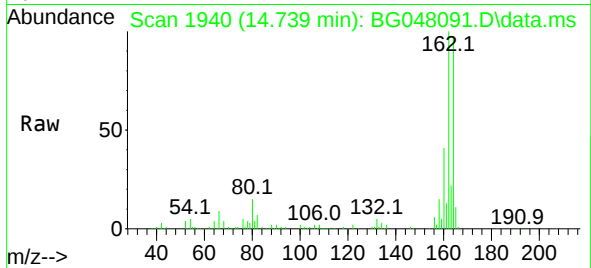
Tgt Ion: 82	Resp: 211617
Ion Ratio	Lower Upper
82 100	
128 36.0	37.0 55.6#
54 50.7	39.0 58.4



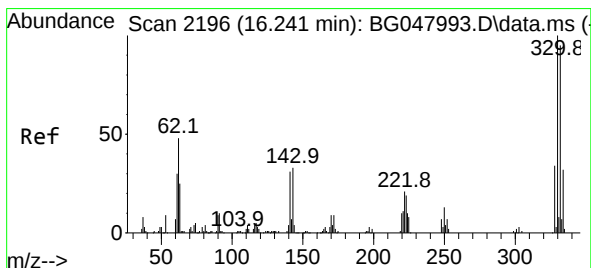
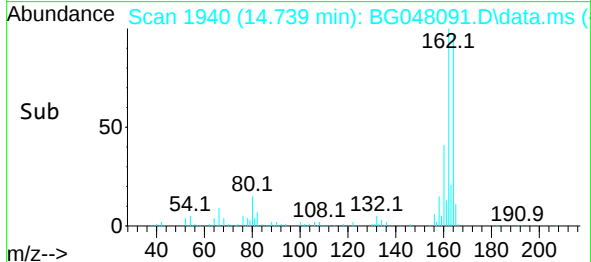
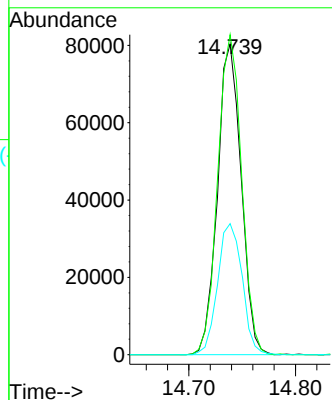


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Instrument :
BNA_G
ClientSampleId :
OU421-003-0205

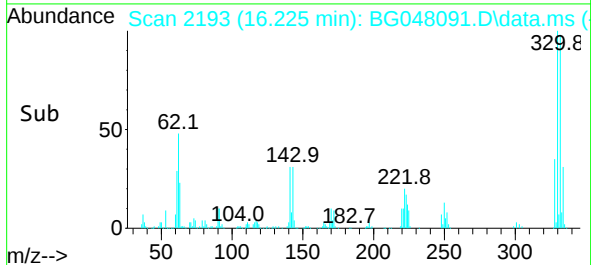
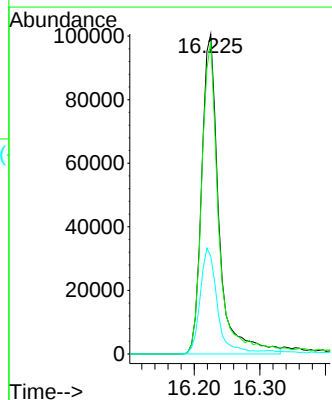
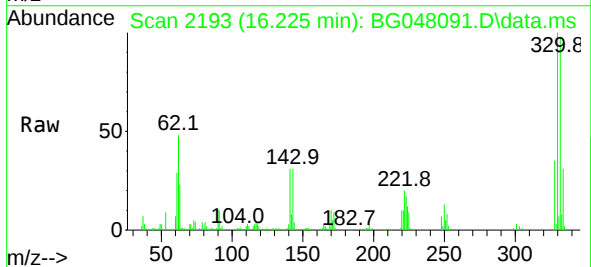


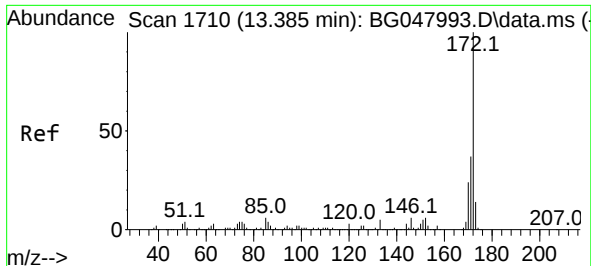
Tgt Ion:164 Resp: 123664
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 42.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 89.45 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

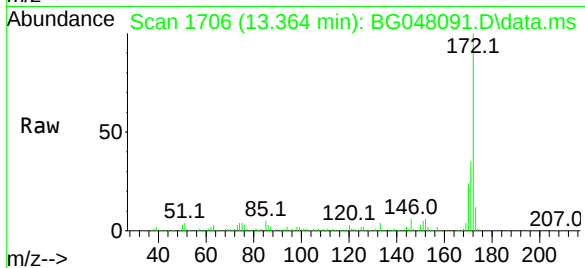
Tgt Ion:330 Resp: 184234
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 33.0 26.0 39.0



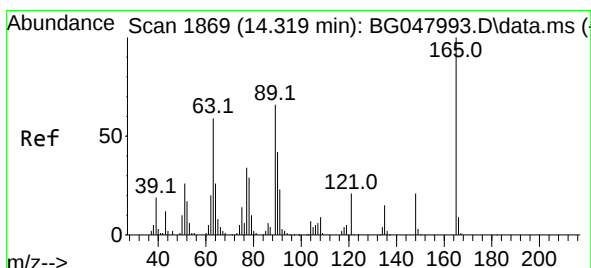
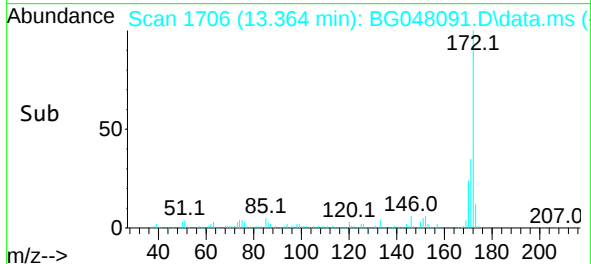
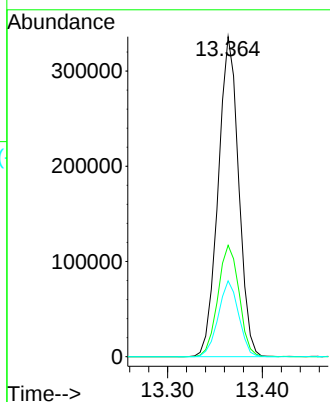


#45
2-Fluorobiphenyl
Concen: 52.75 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Instrument :
BNA_G
ClientSampleId :
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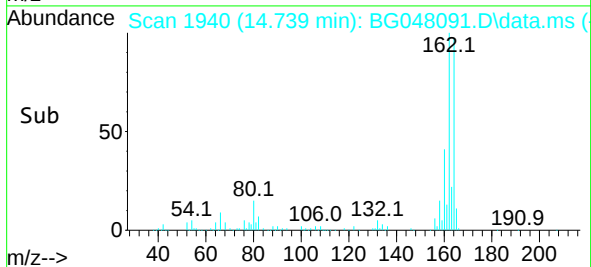
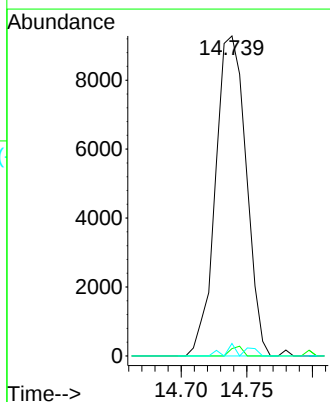
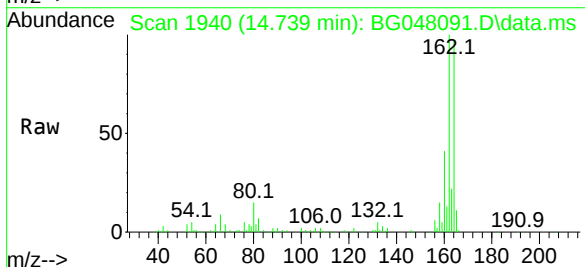


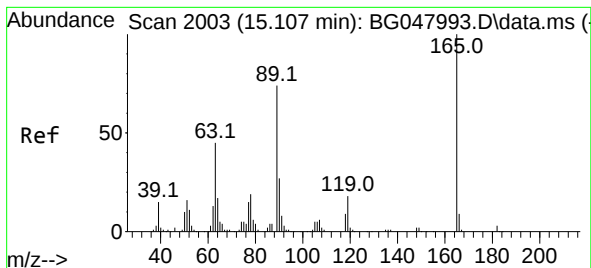
Tgt Ion:172 Resp: 504496
Ion Ratio Lower Upper
172 100
171 34.8 31.3 46.9
170 23.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.47 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.432 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Tgt Ion:165 Resp: 15064
Ion Ratio Lower Upper
165 100
63 2.3 33.7 50.5#
89 3.9 36.6 54.8#

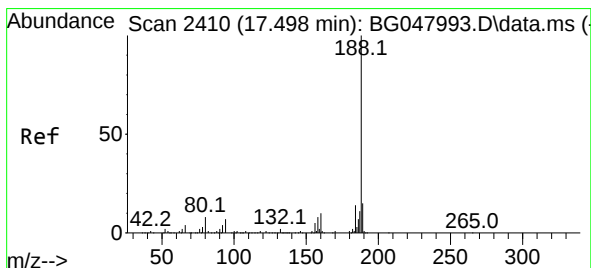
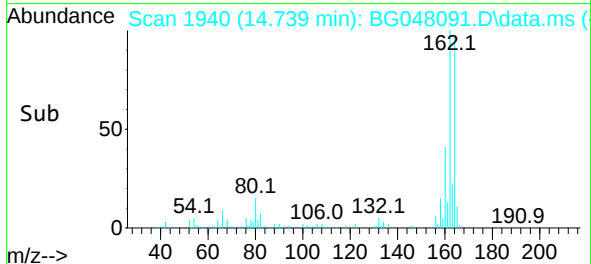
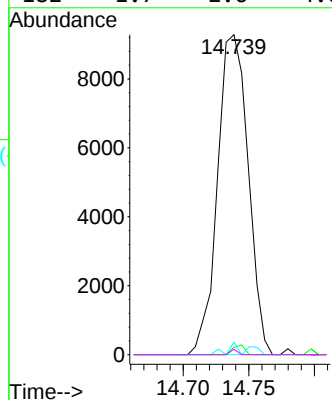
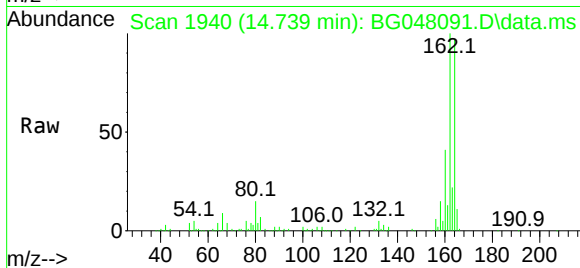




#57
2,4-Dinitrotoluene
Concen: 4.48 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

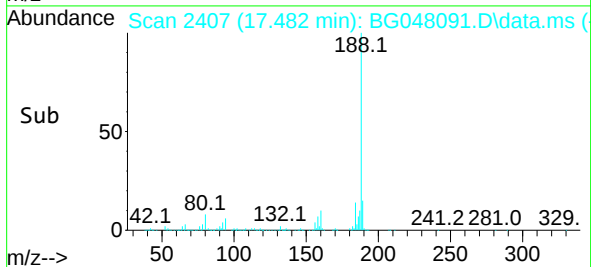
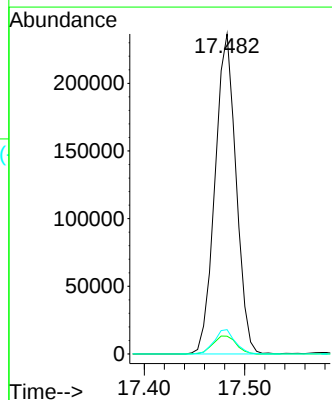
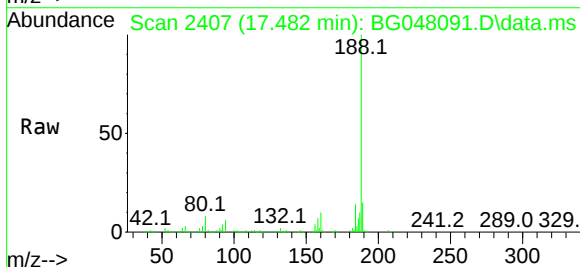
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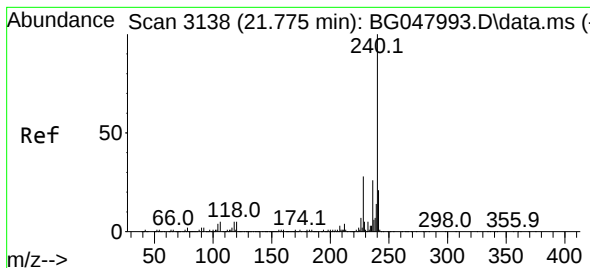
Tgt Ion:165 Resp: 15064
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 3.9 47.8 71.8#
182 1.7 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.482 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG048091.D
Acq: 3 Feb 2021 14:23

Tgt Ion:188 Resp: 344752
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 7.6 7.0 10.6





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.754 min Scan# 3134

Delta R.T. -0.009 min

Lab File: BG048091.D

Acq: 3 Feb 2021 14:23

Tgt Ion:240 Resp: 362216

Ion Ratio Lower Upper

240 100

120 4.9 6.2 9.4#

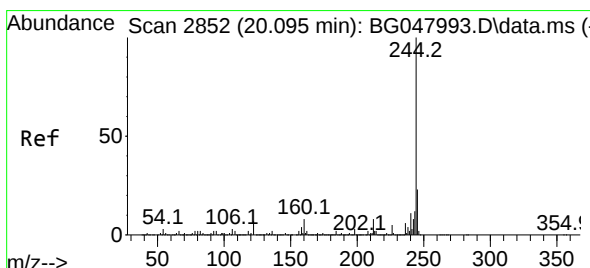
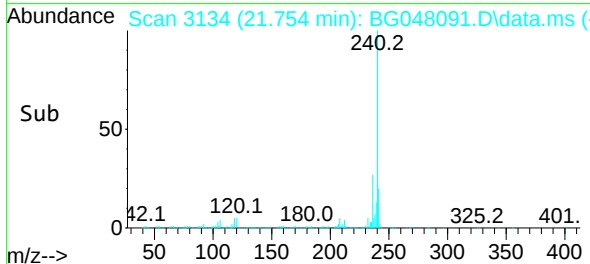
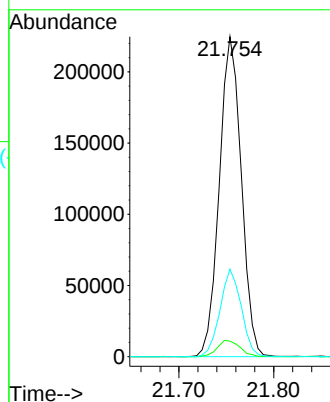
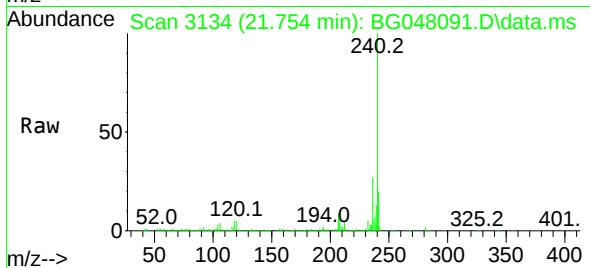
236 27.4 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

OU421-003-0205



#79

Terphenyl-d14

Concen: 48.89 ng

RT: 20.085 min Scan# 2850

Delta R.T. -0.003 min

Lab File: BG048091.D

Acq: 3 Feb 2021 14:23

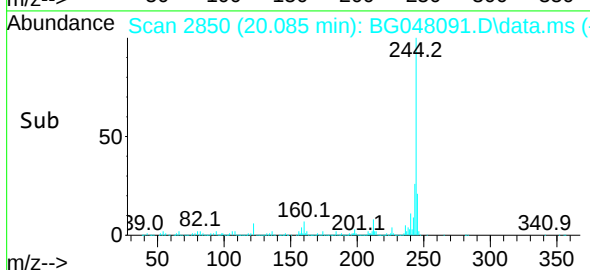
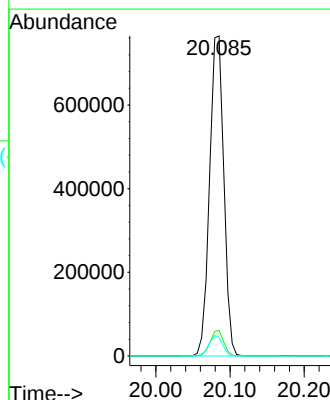
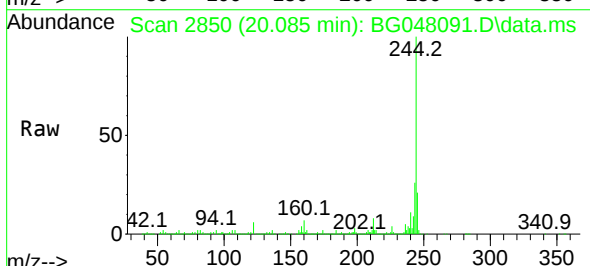
Tgt Ion:244 Resp: 1021286

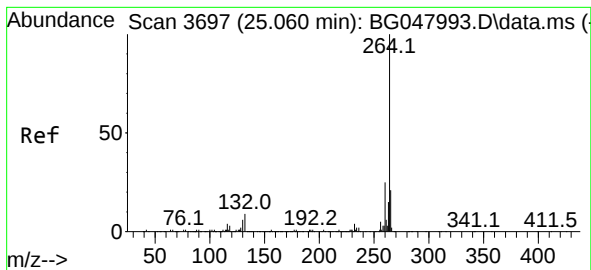
Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

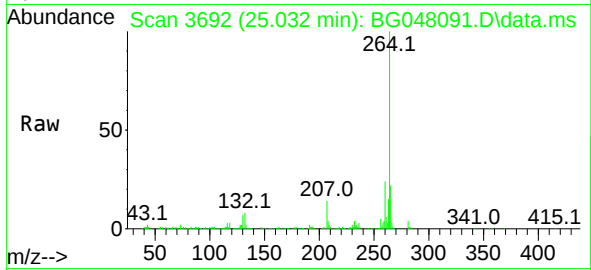
122 5.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.032 min Scan# 3692
 Delta R.T. -0.009 min
 Lab File: BG048091.D
 Acq: 3 Feb 2021 14:23

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	264	Resp:	366118
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.8	28.2
265	22.4	17.8	26.8

