

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048089.D
 Acq On : 3 Feb 2021 13:03
 Operator : CG/JU
 Sample : M1292-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OU421-010-0510

Quant Time: Feb 03 14:08:22 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)

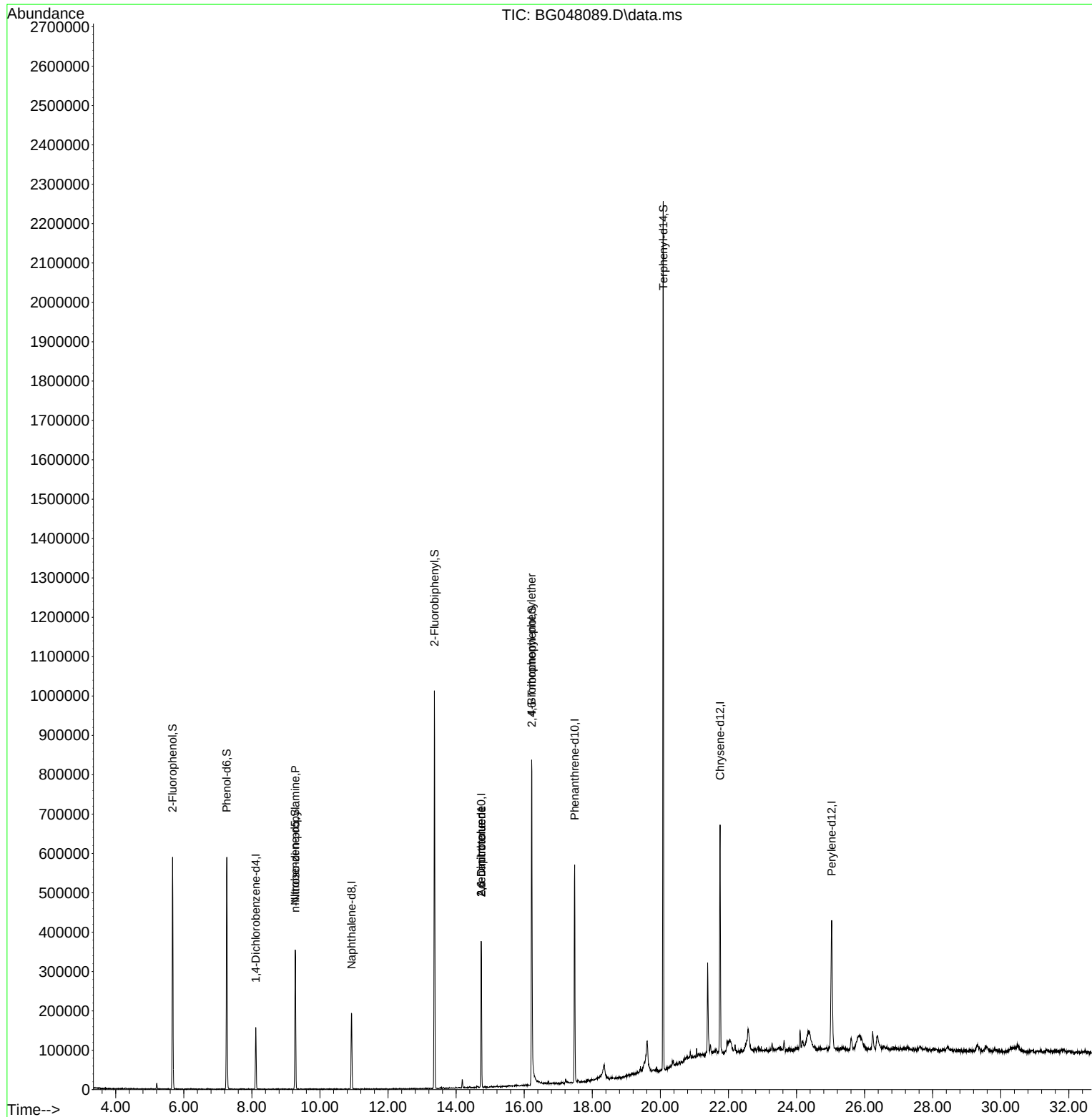
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	41709	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	165049	20.00	ng	0.00
39) Acenaphthene-d10	14.738	164	126312	20.00	ng	0.00
64) Phenanthrene-d10	17.482	188	346654	20.00	ng	0.00
76) Chrysene-d12	21.754	240	367285	20.00	ng	# 0.00
86) Perylene-d12	25.032	264	359948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	231432	85.27	ng	0.00
7) Phenol-d6	7.265	99	315017	76.34	ng	0.00
23) Nitrobenzene-d5	9.274	82	216873	51.99	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	188652	89.67	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	507937	51.99	ng	0.00
79) Terphenyl-d14	20.085	244	1004330	47.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	31245	10.37	ng	# 70
51) 2,6-Dinitrotoluene	14.738	165	16311	6.86	ng	# 36
57) 2,4-Dinitrotoluene	14.738	165	16311	4.75	ng	# 34
67) 4-Bromophenyl-phenylether	16.219	248	12387	2.67	ng	# 1

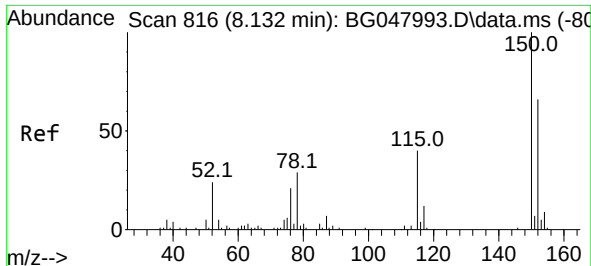
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

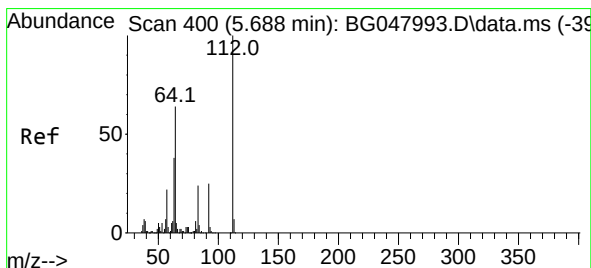
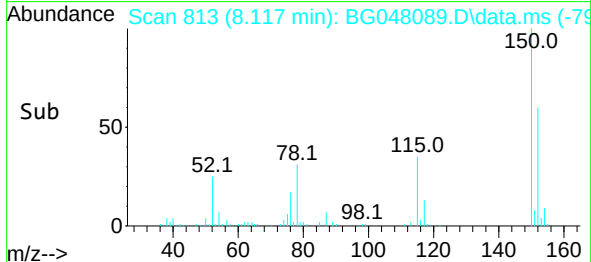
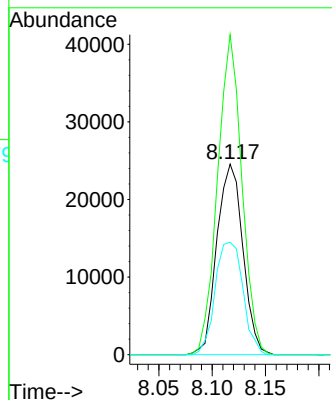
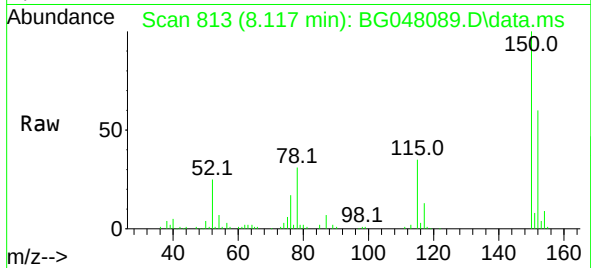




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.117 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

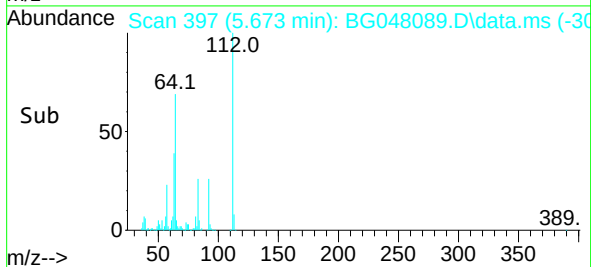
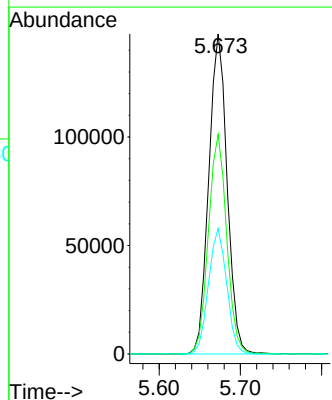
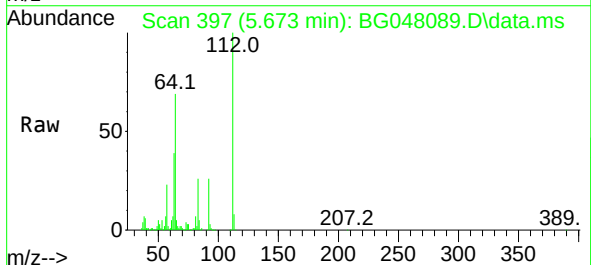
Instrument :
BNA_G
ClientSampleId :
OU421-010-0510

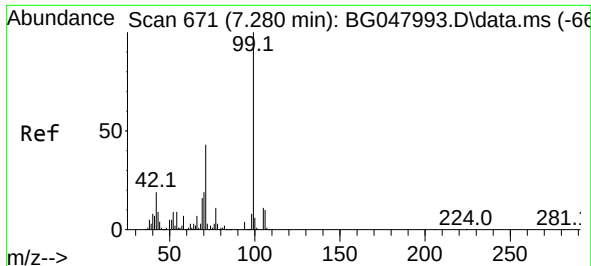
Tgt Ion:152 Resp: 41709
Ion Ratio Lower Upper
152 100
150 167.9 125.0 187.6
115 59.0 41.8 62.6



#5
2-Fluorophenol
Concen: 85.27 ng
RT: 5.673 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

Tgt Ion:112 Resp: 231432
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 39.2 22.8 34.2#

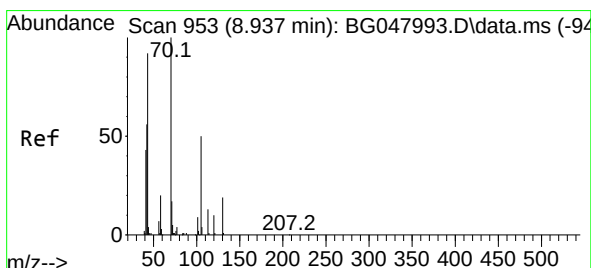
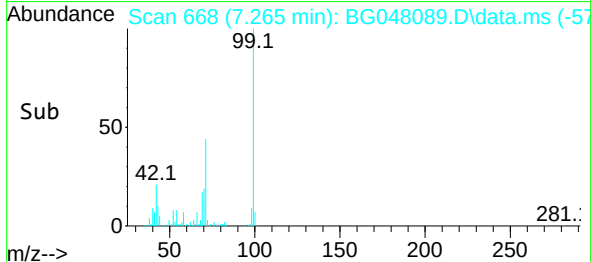
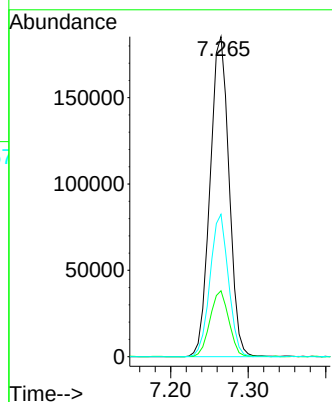
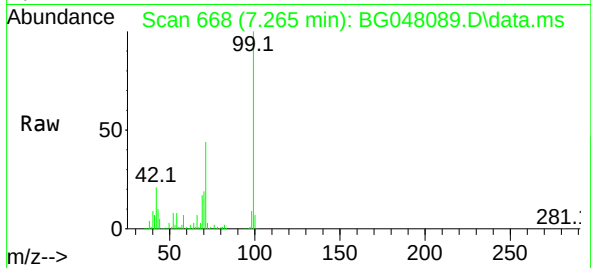




#7
Phenol-d6
Concen: 76.34 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

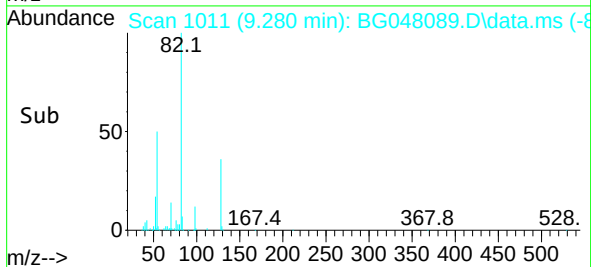
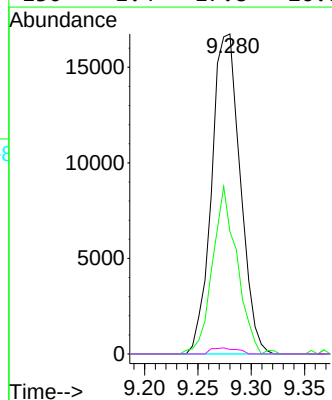
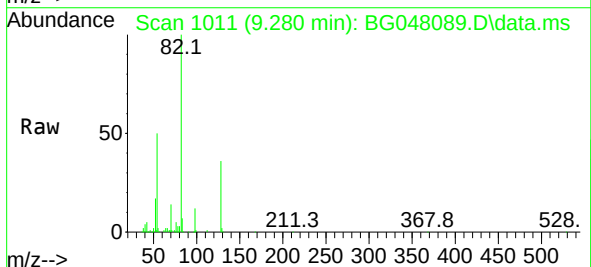
Instrument :
BNA_G
ClientSampleId :
OU421-010-0510

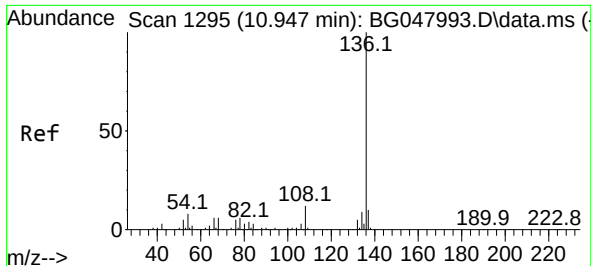
Tgt Ion: 99 Resp: 315017
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 44.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.37 ng
RT: 9.280 min Scan# 1011
Delta R.T. 0.355 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

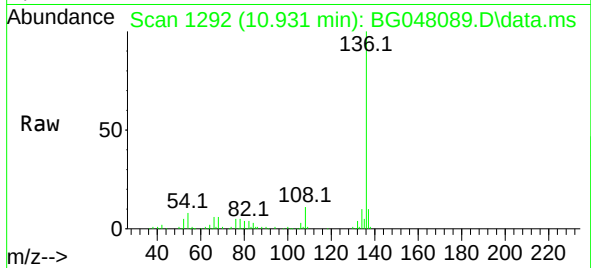
Tgt Ion: 70 Resp: 31245
Ion Ratio Lower Upper
70 100
42 38.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#



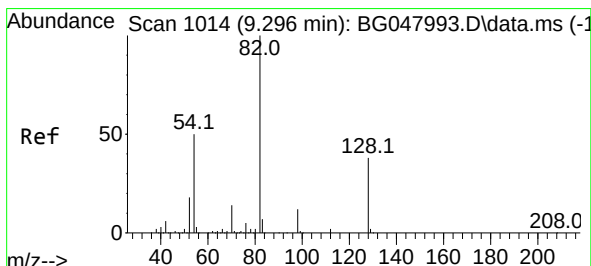
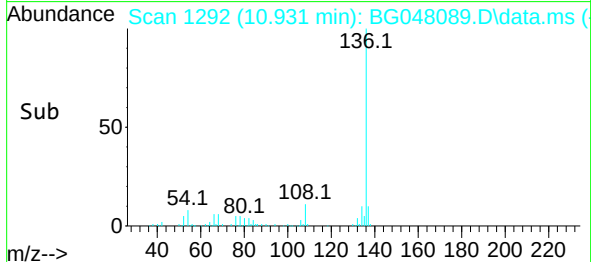
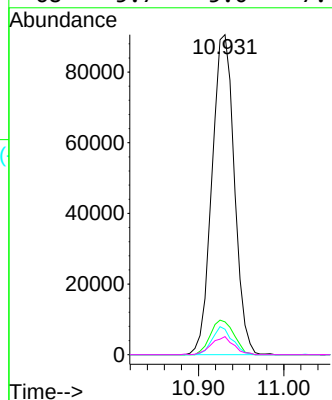


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

Instrument :
BNA_G
ClientSampleId :
OU421-010-0510

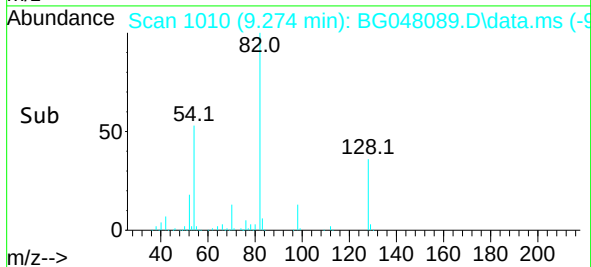
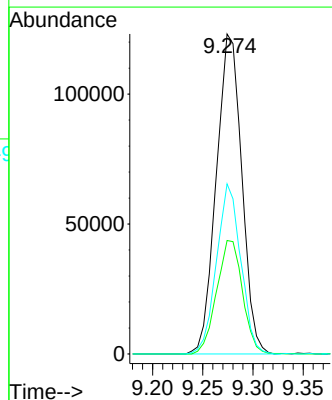
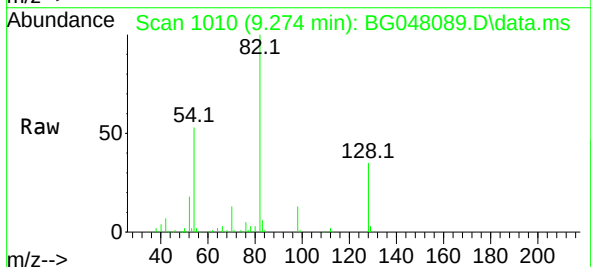


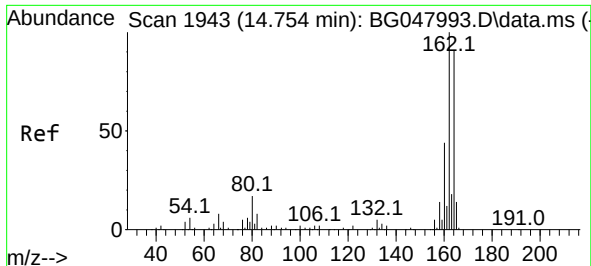
Tgt Ion:136 Resp: 165049
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 8.0 6.2 9.4
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 51.99 ng
RT: 9.274 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

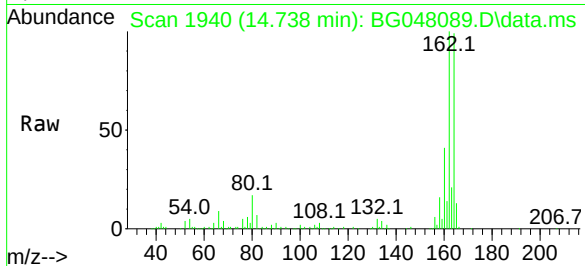
Tgt Ion: 82 Resp: 216873
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 53.1 39.0 58.4



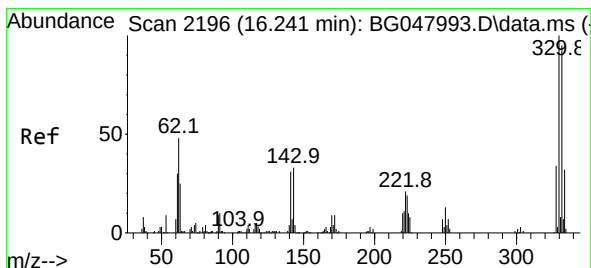
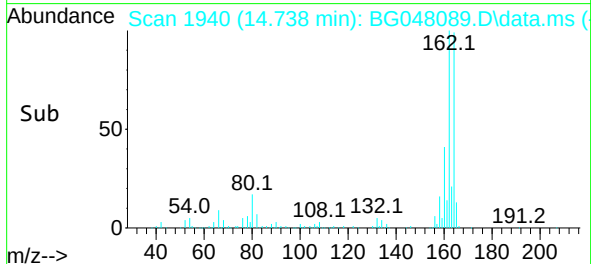
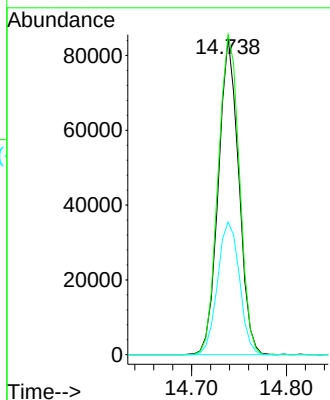


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

Instrument :
BNA_G
ClientSampleId :
OU421-010-0510

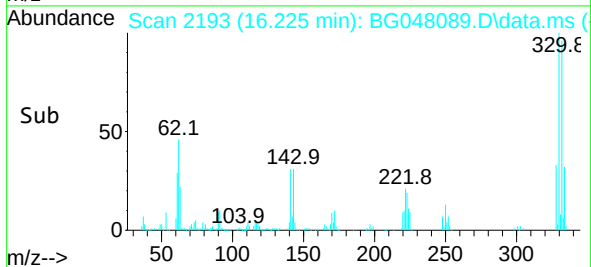
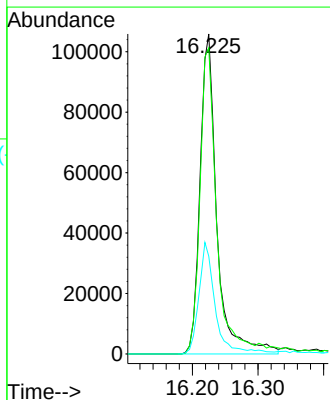
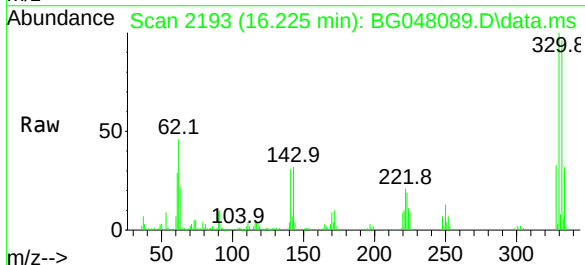


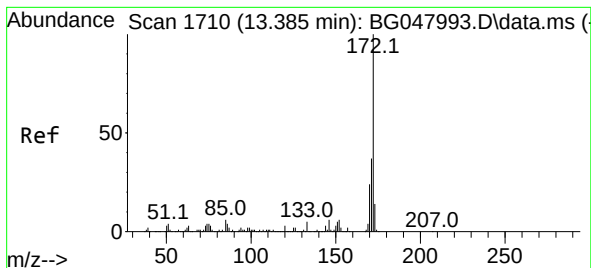
Tgt Ion:164 Resp: 126312
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 41.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 89.67 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

Tgt Ion:330 Resp: 188652
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 34.0 26.0 39.0

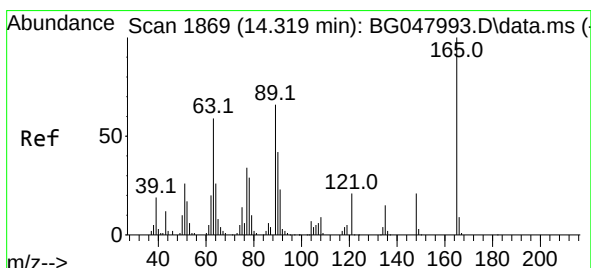
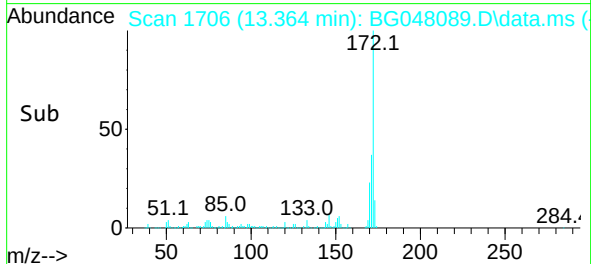
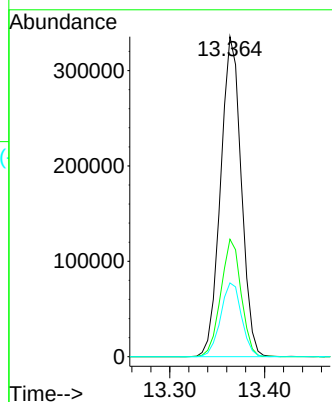
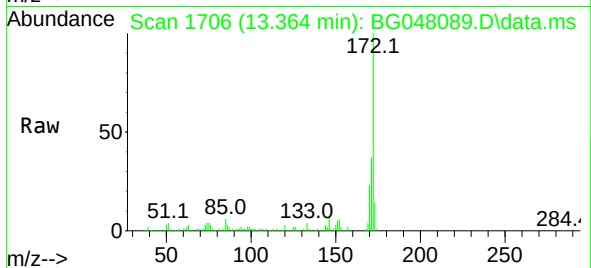




#45
2-Fluorobiphenyl
Concen: 51.99 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

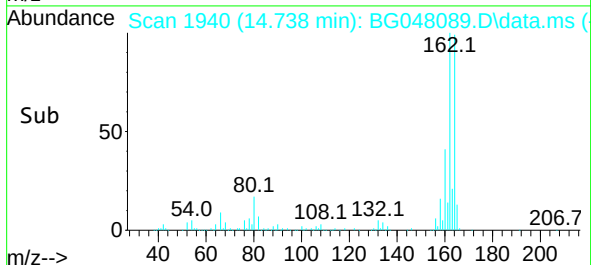
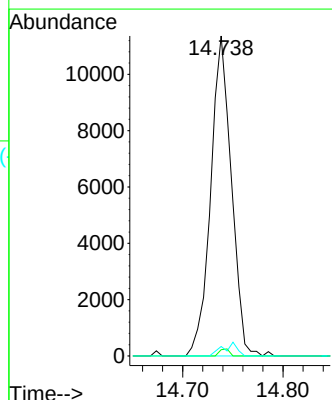
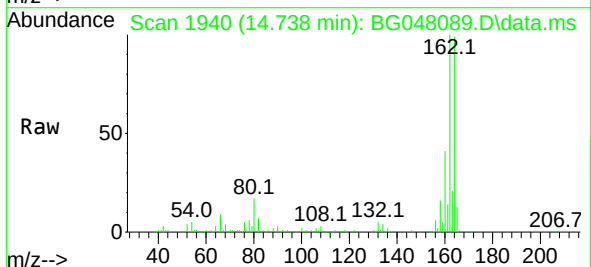
Instrument :
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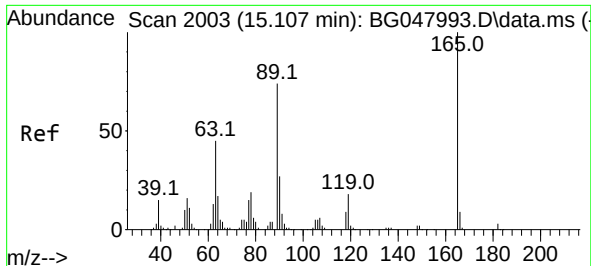
Tgt Ion:172 Resp: 507937
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 23.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.86 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.432 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

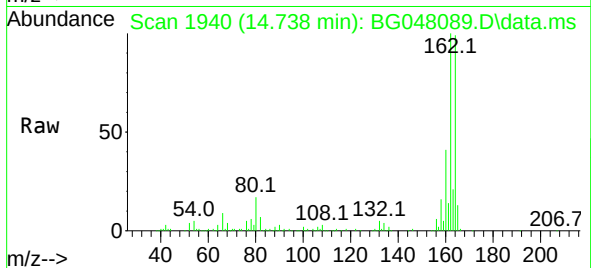
Tgt Ion:165 Resp: 16311
Ion Ratio Lower Upper
165 100
63 2.0 33.7 50.5#
89 2.9 36.6 54.8#



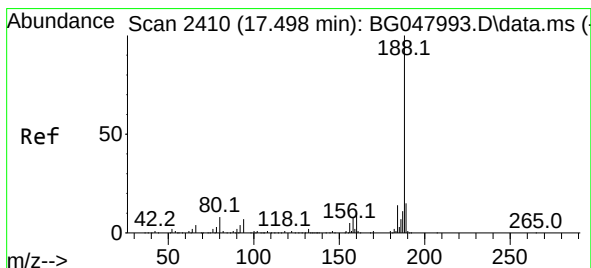
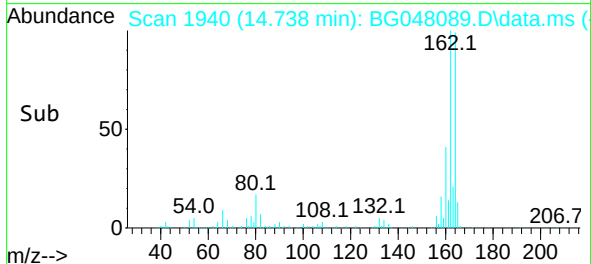
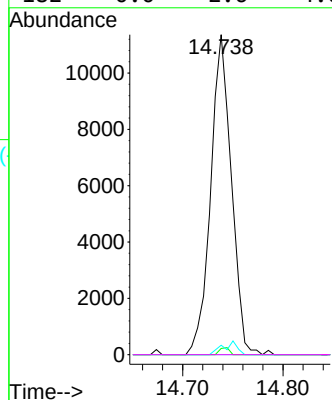


#57
2,4-Dinitrotoluene
Concen: 4.75 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

Instrument :
BNA_G
ClientSampleId :
OU421-010-0510

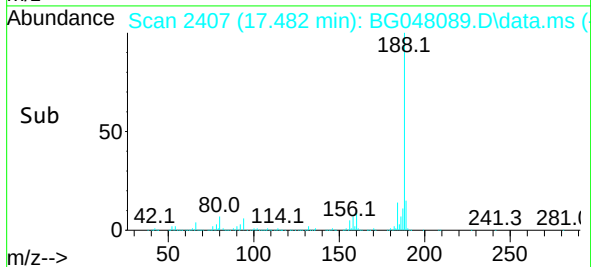
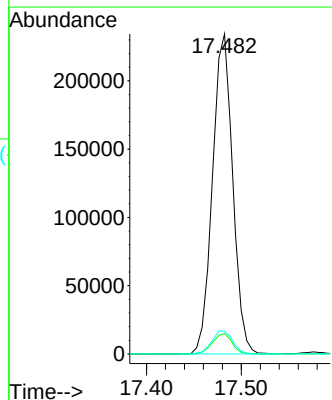
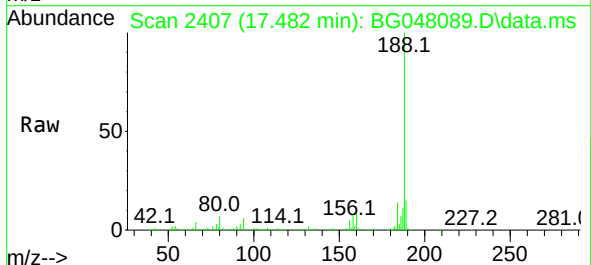


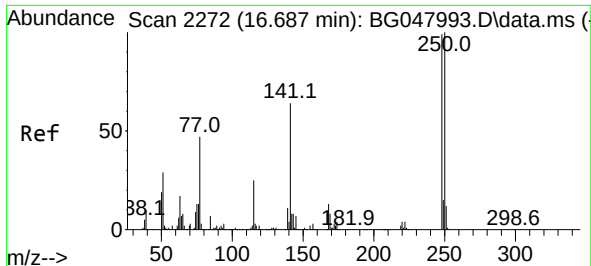
Tgt Ion:165 Resp: 16311
Ion Ratio Lower Upper
165 100
63 2.0 26.4 39.6#
89 2.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.482 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

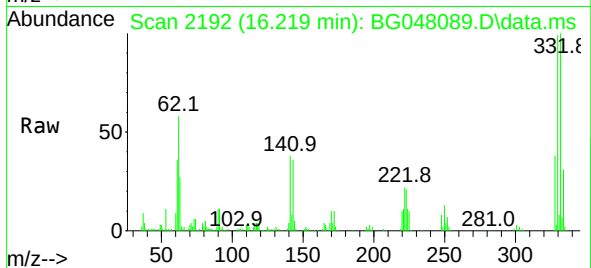
Tgt Ion:188 Resp: 346654
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.2 7.0 10.6



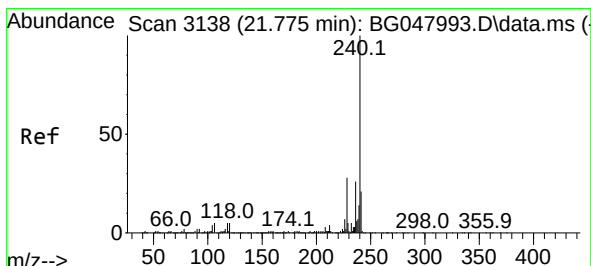
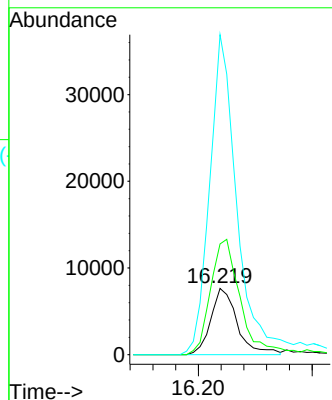
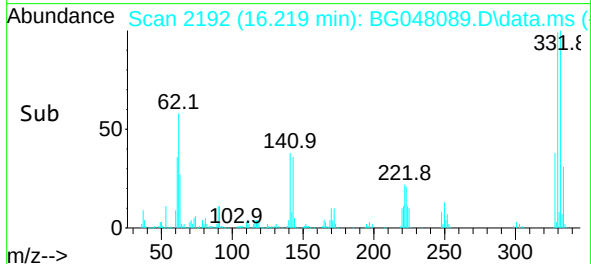


#67
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 16.219 min Scan# 2192
Delta R.T. -0.455 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03

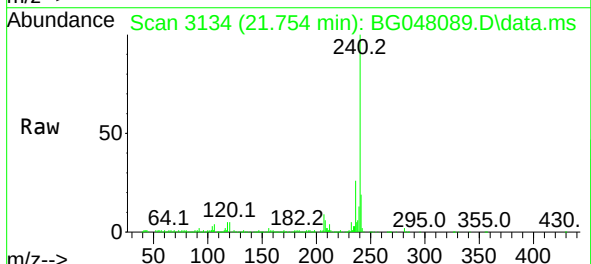
Instrument :
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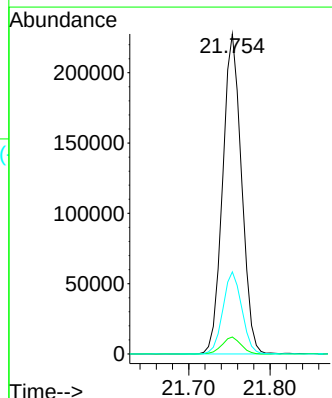
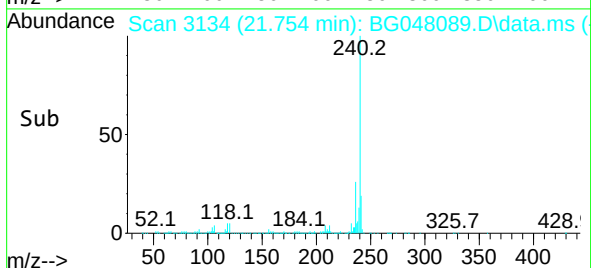
Tgt Ion:248 Resp: 12387
Ion Ratio Lower Upper
248 100
250 167.2 78.9 118.3#
141 482.8 46.2 69.4#

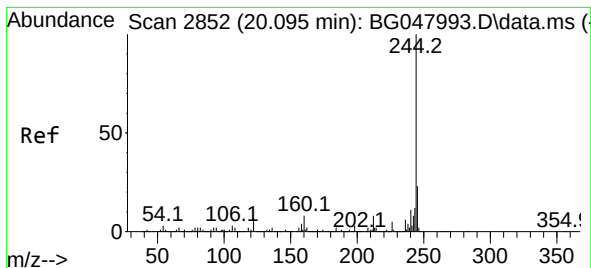


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.754 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BG048089.D
Acq: 3 Feb 2021 13:03



Tgt Ion:240 Resp: 367285
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 47.41 ng

RT: 20.085 min Scan# 2850

Delta R.T. -0.003 min

Lab File: BG048089.D

Acq: 3 Feb 2021 13:03

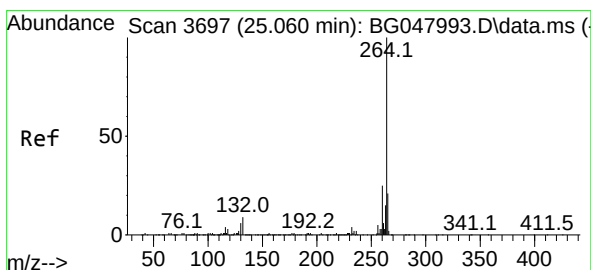
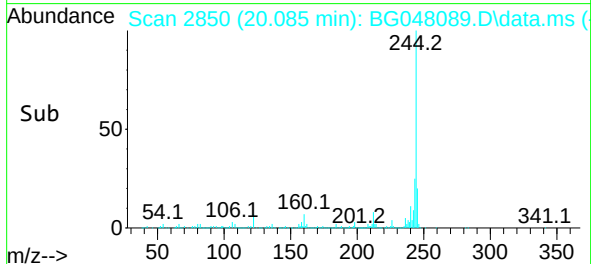
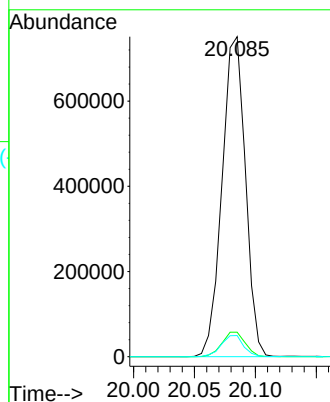
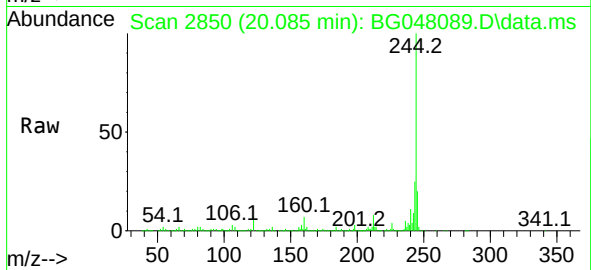
Tgt Ion:244 Resp: 1004330

Ion Ratio Lower Upper

244 100

212 7.7 6.7 10.1

122 6.6 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: BG048089.D

Acq: 3 Feb 2021 13:03

Tgt Ion:264 Resp: 359948

Ion Ratio Lower Upper

264 100

260 26.1 18.8 28.2

265 23.7 17.8 26.8

