

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047944.D
 Acq On : 20 Jan 2021 19:35
 Operator : CG/JU
 Sample : M1081-08RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-5RE

Quant Time: Jan 21 00:16:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 16:06:10 2021
 Response via : Initial Calibration

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

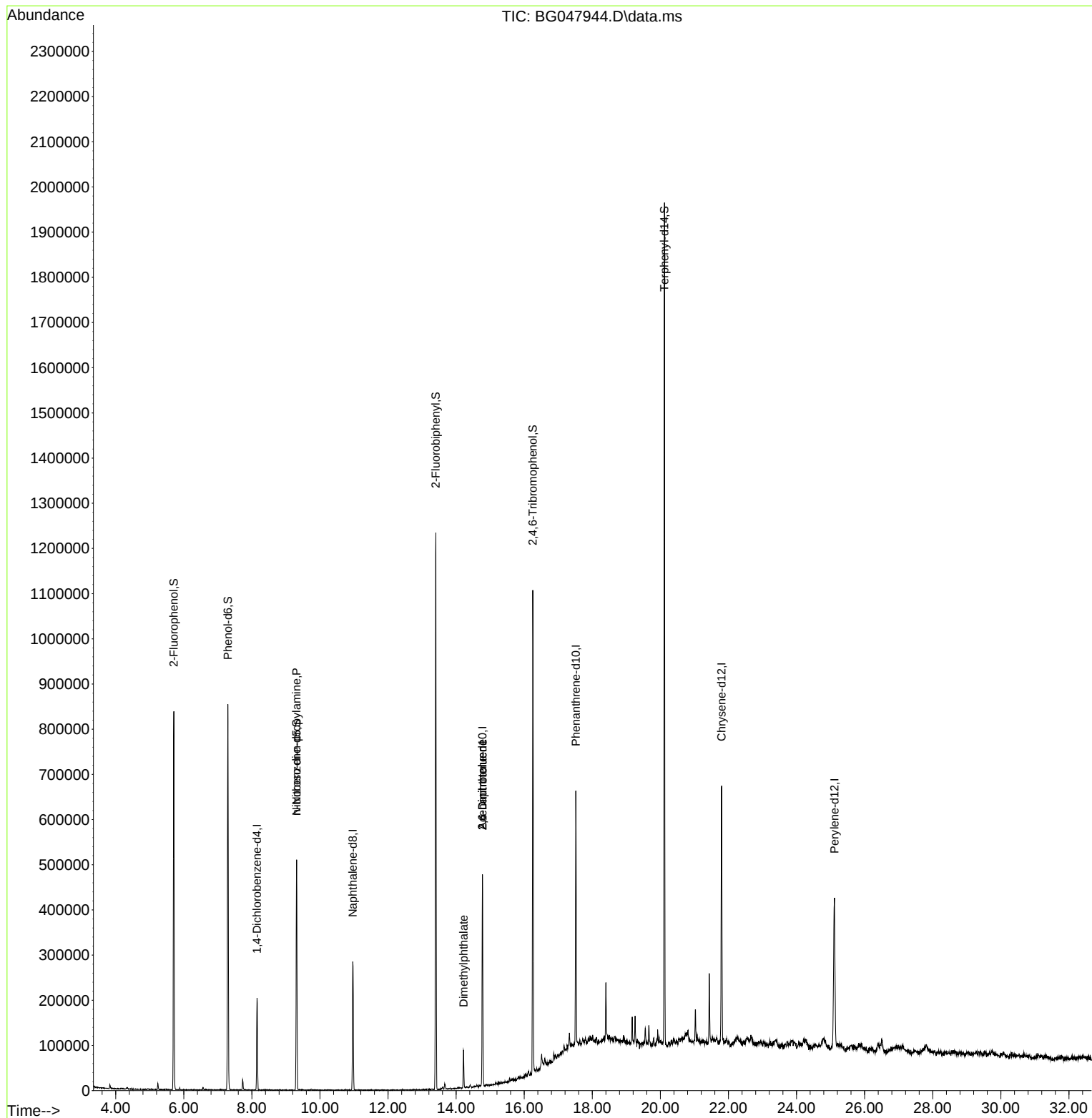
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	55056	20.00	ng	0.00
21) Naphthalene-d8	10.965	136	224682	20.00	ng	# 0.00
39) Acenaphthene-d10	14.772	164	163328	20.00	ng	0.00
64) Phenanthrene-d10	17.516	188	358307	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	366729	20.00	ng	# 0.00
86) Perylene-d12	25.113	264	376352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	317627	104.93	ng	0.00
7) Phenol-d6	7.293	99	443937	95.96	ng	0.00
23) Nitrobenzene-d5	9.314	82	295690	64.57	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	204243	94.16	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	626724	51.08	ng	0.00
79) Terphenyl-d14	20.119	244	816977	41.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.314	70	41291	12.16	ng	# 84
32) Benzoic acid	10.236	122	64	Below Cal	#	1
36) 4-Chloro-3-methylphenol	12.422	107	97	Below Cal	#	15
48) 2-Nitroaniline	13.832	65	61	Below Cal	#	1
50) Dimethylphthalate	14.220	163	51883	4.26	ng	97
51) 2,6-Dinitrotoluene	14.772	165	22493	12.37	ng	# 35
57) 2,4-Dinitrotoluene	14.772	165	22493	9.34	ng	# 33
59) 2,3,4,6-Tetrachlorophenol	15.313	232	55	Below Cal	#	1
80) Butylbenzylphthalate	20.795	149	227	Below Cal	#	15
84) Bis(2-ethylhexyl)phtha...	21.694	149	979	Below Cal	#	67
85) Di-n-octyl phthalate	22.957	149	687	Below Cal	#	23

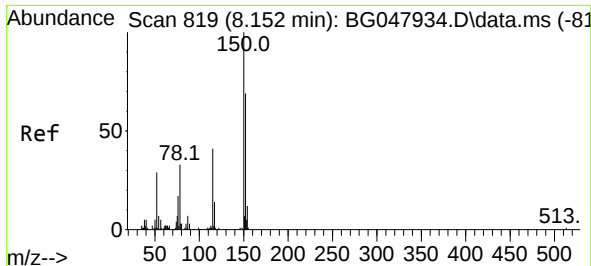
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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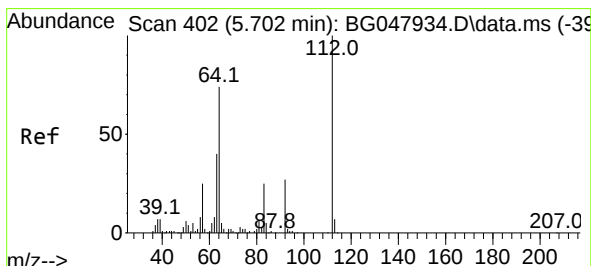
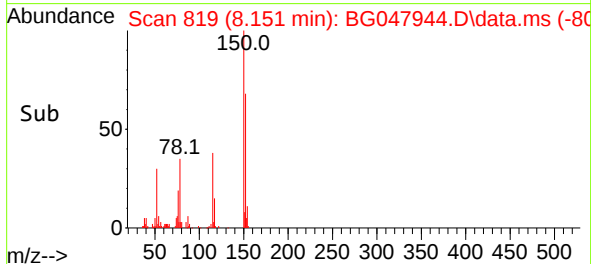
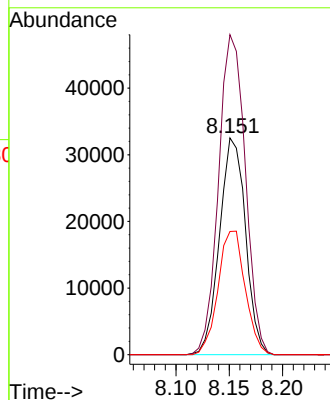
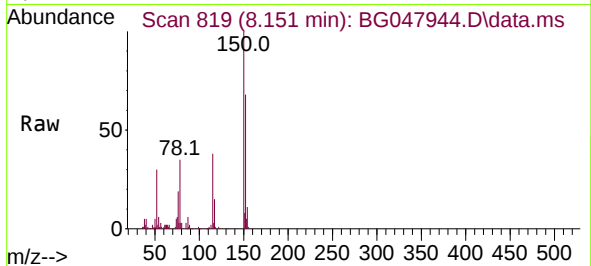




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.151 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

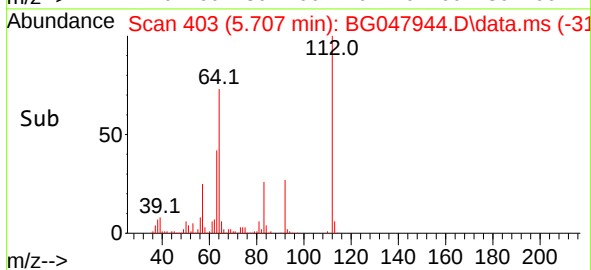
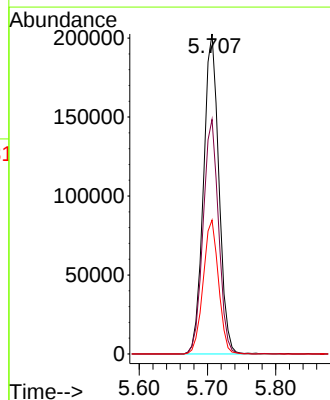
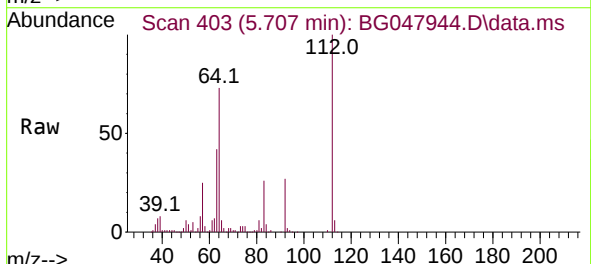
Instrument :
BNA_G
ClientSampled :
S-5RE

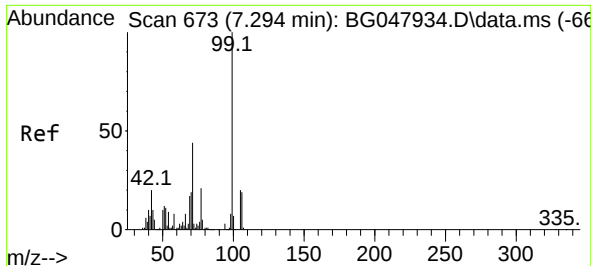
Tgt Ion:152 Resp: 55056
Ion Ratio Lower Upper
152 100
150 147.6 125.0 187.6
115 56.8 41.8 62.6



#5
2-Fluorophenol
Concen: 104.93 ng
RT: 5.707 min Scan# 403
Delta R.T. 0.005 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion:112 Resp: 317627
Ion Ratio Lower Upper
112 100
64 73.3 46.7 70.1#
63 41.8 22.8 34.2#

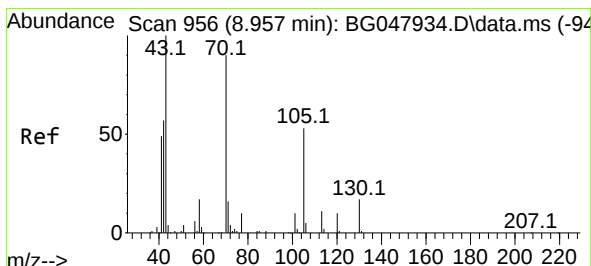
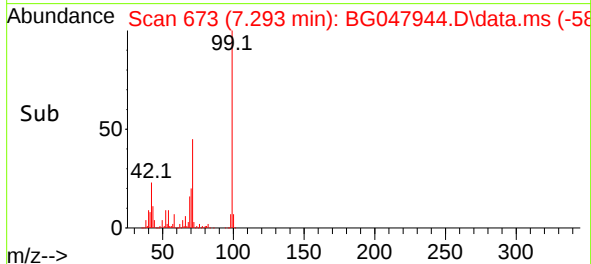
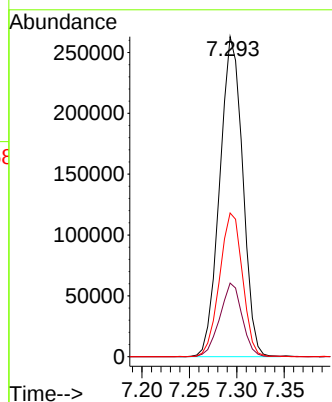
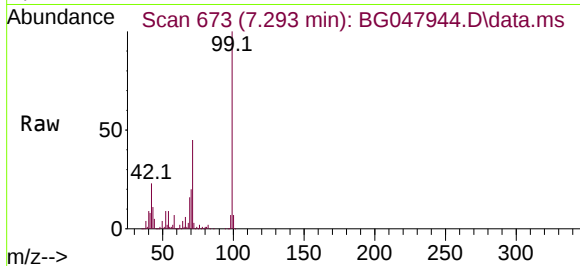




#7
Phenol-d6
Concen: 95.96 ng
RT: 7.293 min Scan# 673
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

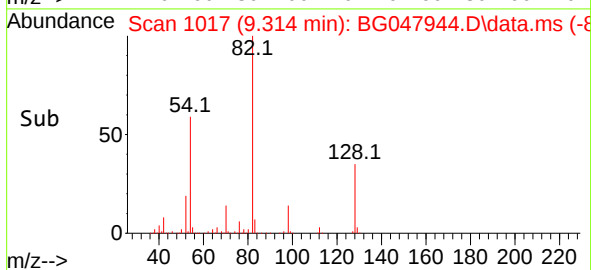
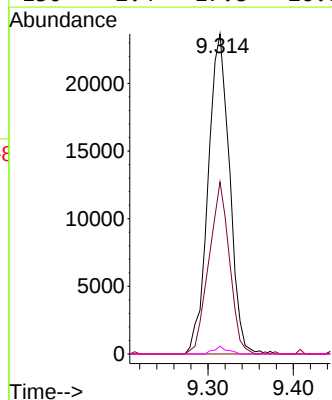
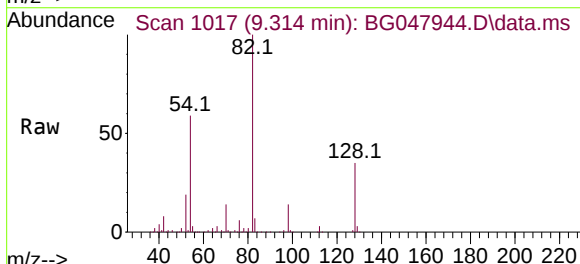
Instrument :
BNA_G
ClientSampleId :
S-5RE

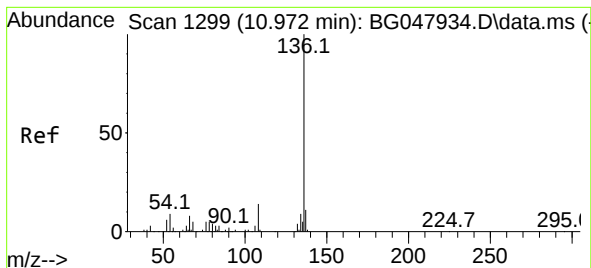
Tgt Ion: 99 Resp: 443937
Ion Ratio Lower Upper
99 100
42 23.0 12.8 19.2#
71 44.9 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.16 ng
RT: 9.314 min Scan# 1017
Delta R.T. 0.357 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion: 70 Resp: 41291
Ion Ratio Lower Upper
70 100
42 53.8 45.6 68.4
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#

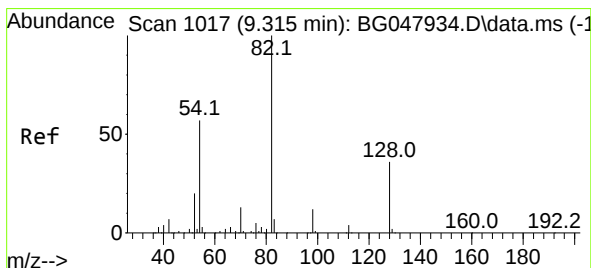
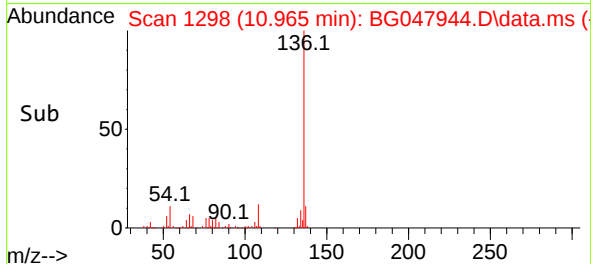
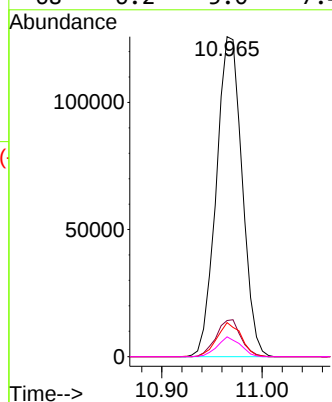
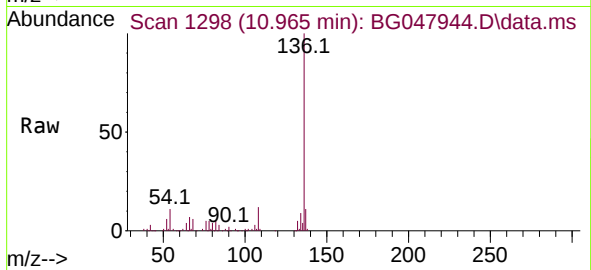




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.965 min Scan# 1298
Delta R.T. -0.007 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

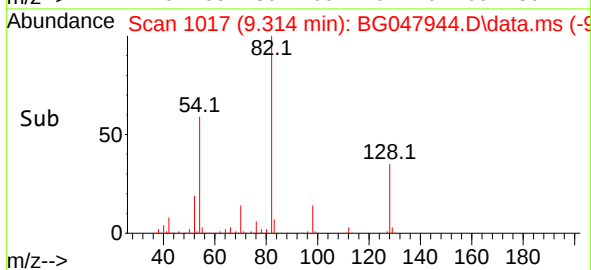
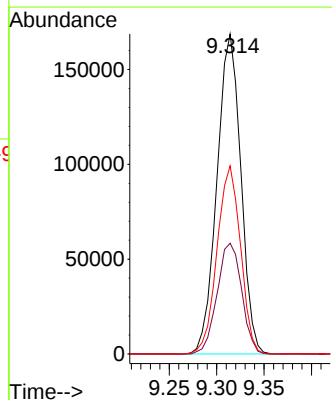
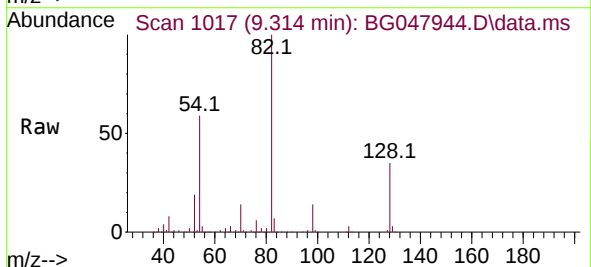
Instrument :
BNA_G
ClientSampleId :
S-5RE

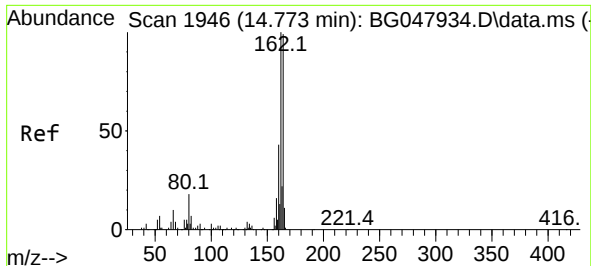
Tgt Ion:136	Resp:	224682
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.7	6.2 9.4#
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.57 ng
RT: 9.314 min Scan# 1017
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion: 82	Resp:	295690
Ion Ratio	Lower	Upper
82	100	
128	34.6	37.0 55.6#
54	58.8	39.0 58.4#

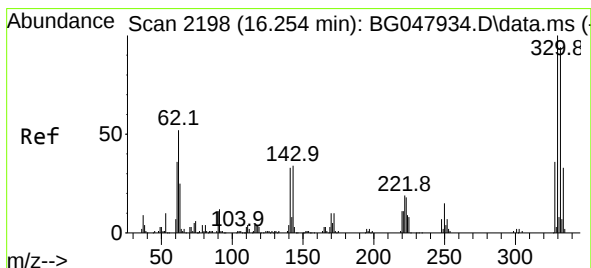
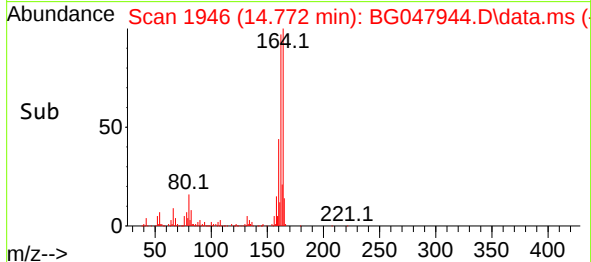
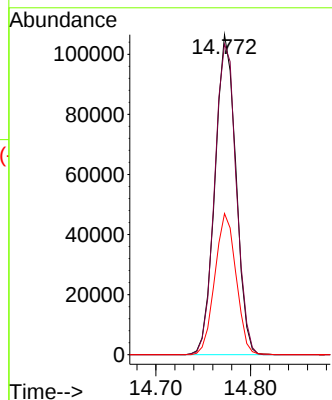
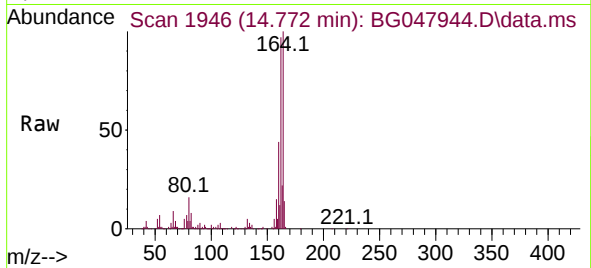




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.772 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

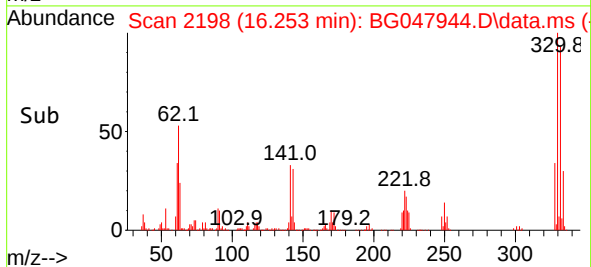
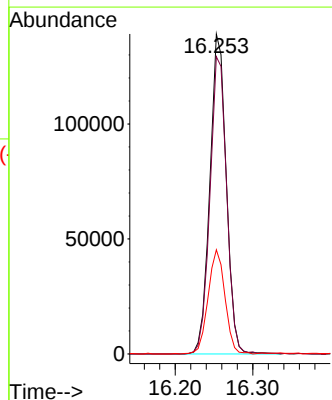
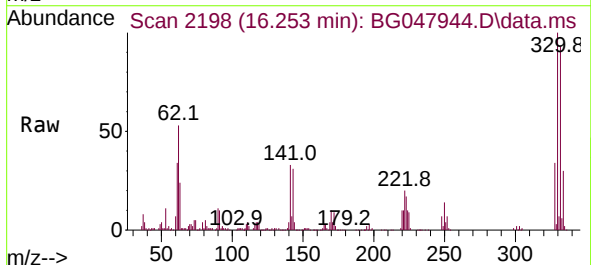
Instrument :
BNA_G
ClientSampleId :
S-5RE

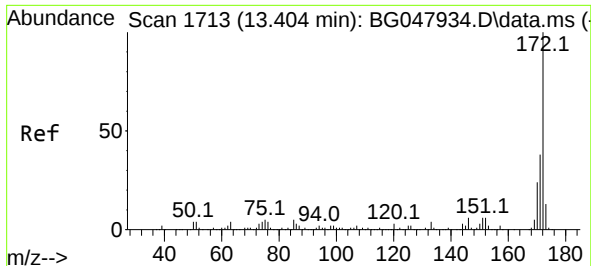
Tgt Ion:164 Resp: 163328
Ion Ratio Lower Upper
164 100
162 97.1 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 94.16 ng
RT: 16.253 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion:330 Resp: 204243
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 33.5 26.0 39.0

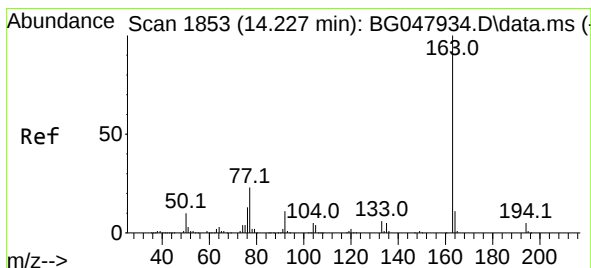
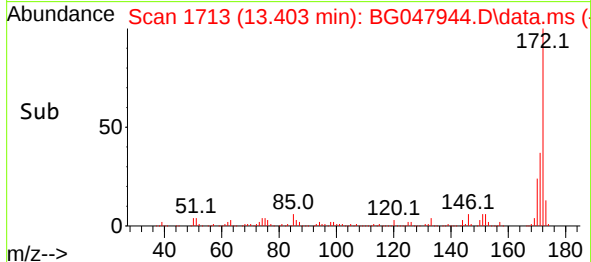
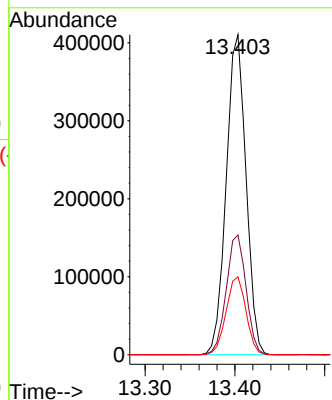
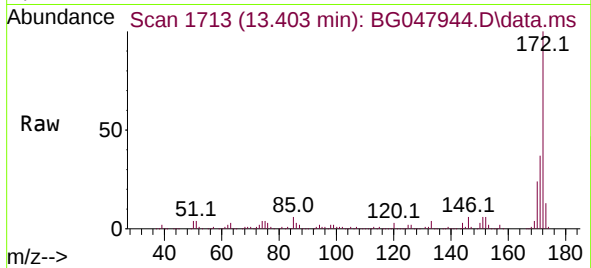




#45
2-Fluorobiphenyl
Concen: 51.08 ng
RT: 13.403 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

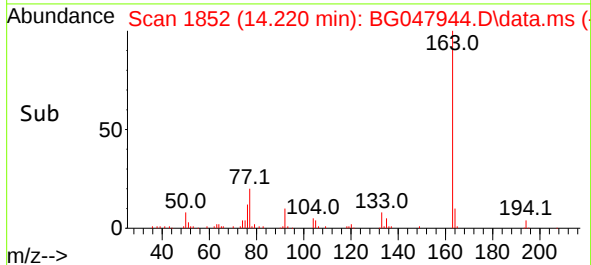
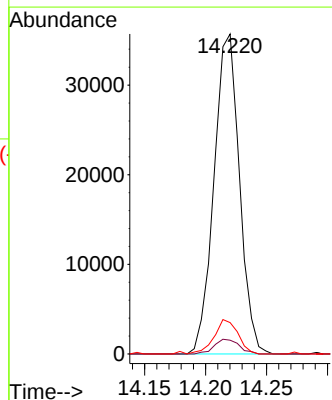
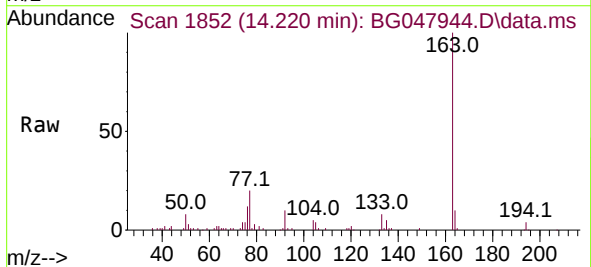
Instrument :
BNA_G
ClientSampled :
S-5RE

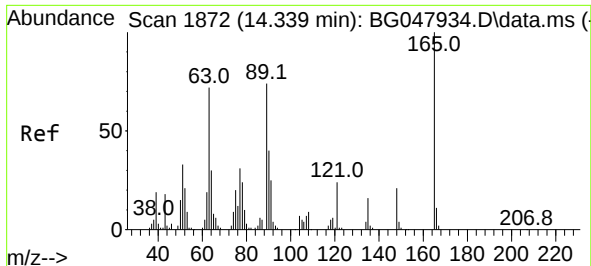
Tgt Ion:172 Resp: 626724
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.4 20.8 31.2



#50
Dimethylphthalate
Concen: 4.26 ng
RT: 14.220 min Scan# 1852
Delta R.T. -0.007 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion:163 Resp: 51883
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 9.8 8.8 13.2

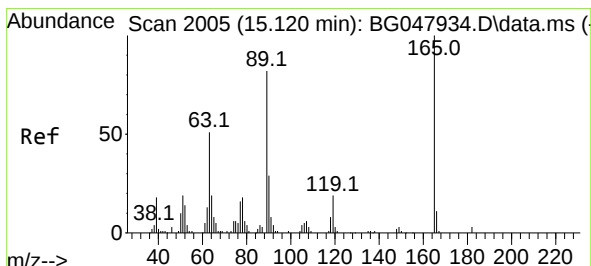
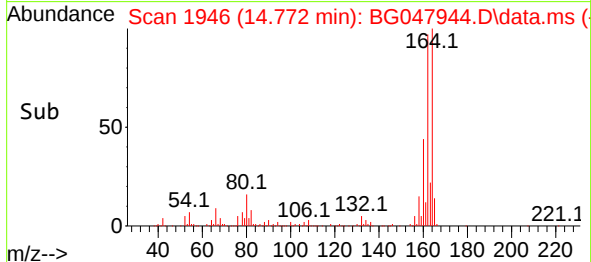
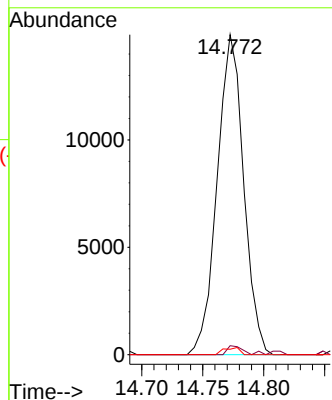
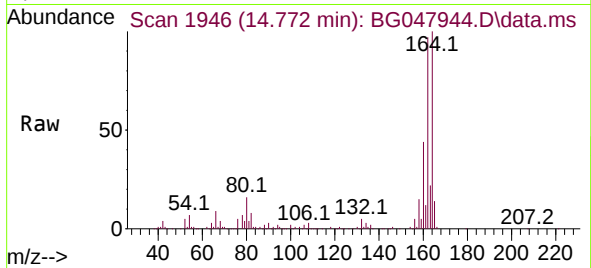




#51
2,6-Dinitrotoluene
Concen: 12.37 ng
RT: 14.772 min Scan# 1946
Delta R.T. 0.433 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

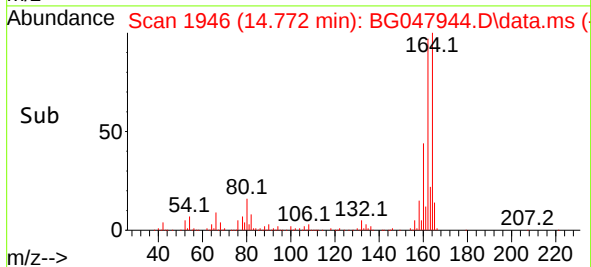
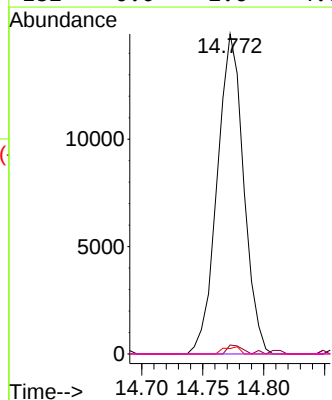
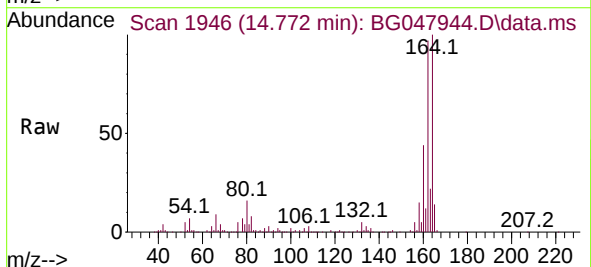
Instrument :
BNA_G
ClientSampled :
S-5RE

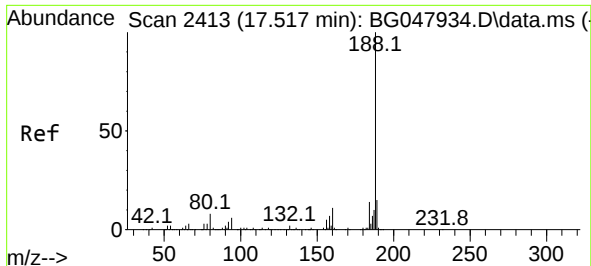
Tgt Ion:165 Resp: 22493
Ion Ratio Lower Upper
165 100
63 2.8 33.7 50.5#
89 1.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 9.34 ng
RT: 14.772 min Scan# 1946
Delta R.T. -0.348 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion:165 Resp: 22493
Ion Ratio Lower Upper
165 100
63 2.8 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#

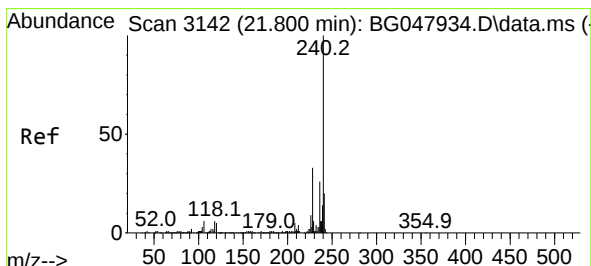
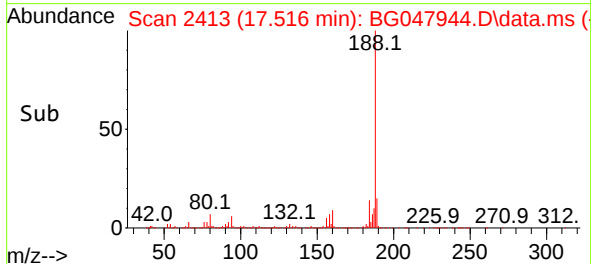
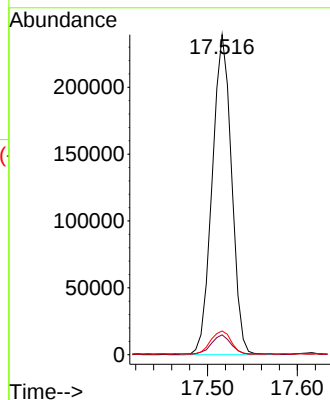
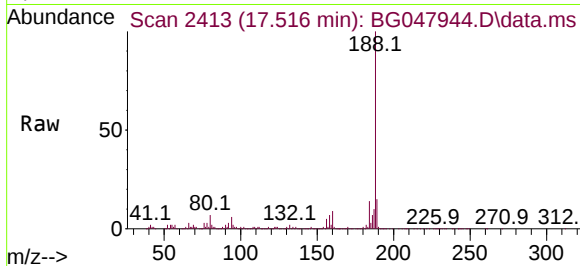




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.516 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

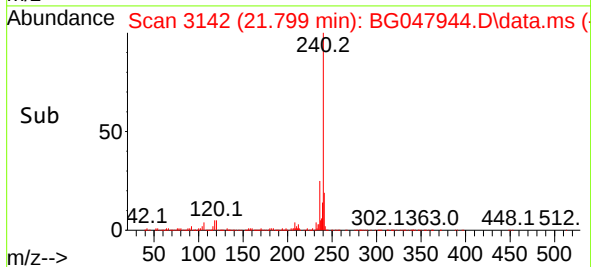
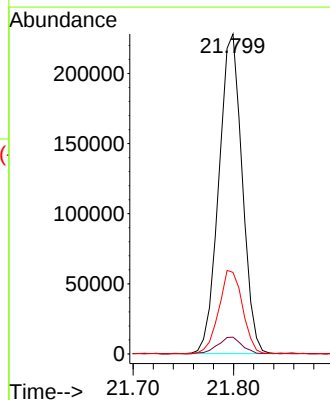
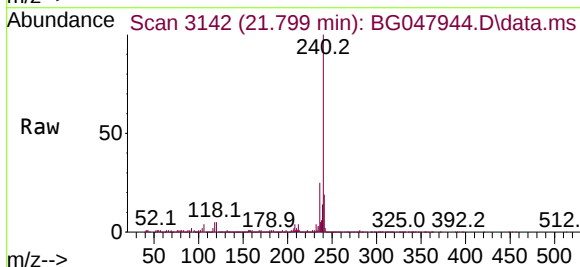
Instrument :
BNA_G
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S-5RE

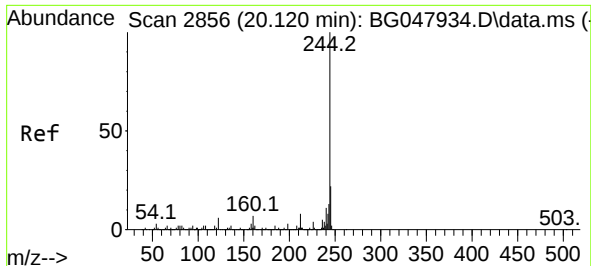
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Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG047944.D
Acq: 20 Jan 2021 19:35

Tgt Ion:240 Resp: 366729
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 25.5 20.5 30.7

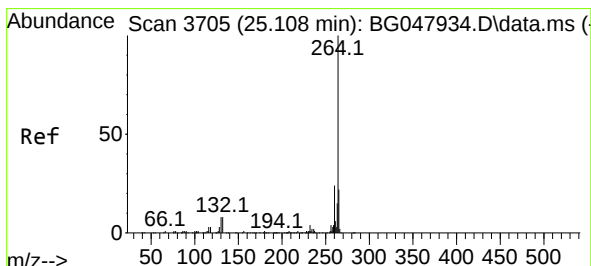
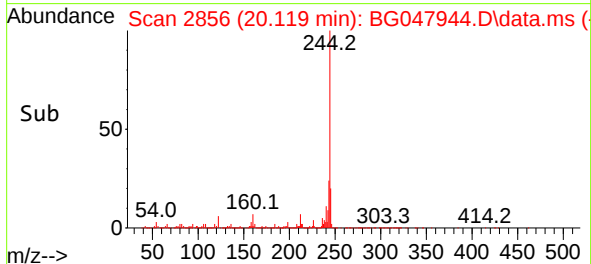
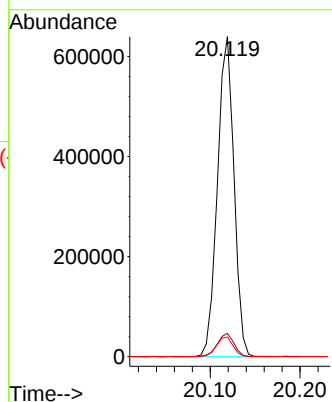
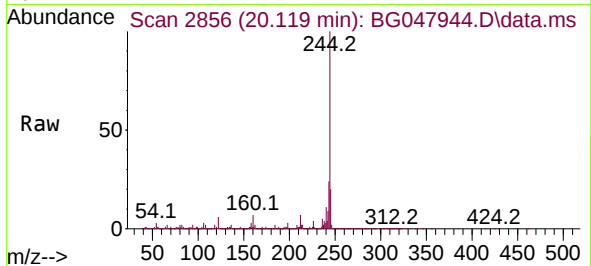




#79
 Terphenyl-d14
 Concen: 41.08 ng
 RT: 20.119 min Scan# 2856
 Delta R.T. -0.001 min
 Lab File: BG047944.D
 Acq: 20 Jan 2021 19:35

Instrument :
 BNA_G
 ClientSampleId :
 S-5RE

Tgt Ion:244 Resp: 816977
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.7 10.1
 122 6.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.113 min Scan# 3706
 Delta R.T. 0.005 min
 Lab File: BG047944.D
 Acq: 20 Jan 2021 19:35

Tgt Ion:264 Resp: 376352
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.6 17.8 26.8

