

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048665.D
 Acq On : 12 Apr 2021 17:52
 Operator : CG/JU
 Sample : M1946-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB11

Quant Time: Apr 13 00:18:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

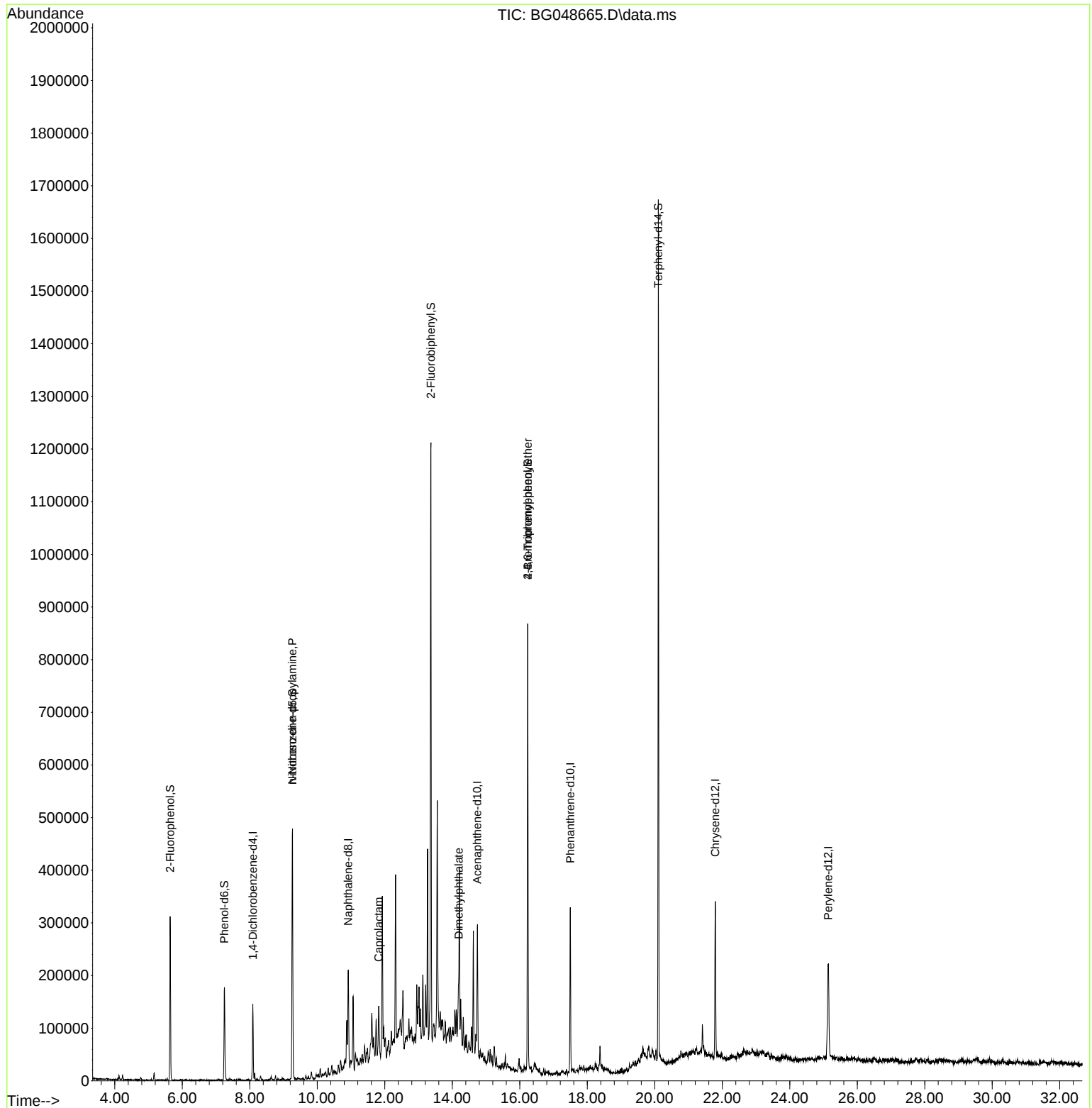
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	37335	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	145685	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	87658	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	198021	20.00	ng	0.00
76) Chrysene-d12	21.792	240	196279	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	209375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	129665	61.32	ng	0.00
7) Phenol-d6	7.251	99	97646	31.84	ng	0.00
23) Nitrobenzene-d5	9.266	82	287907	95.68	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	153957	133.61	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	593226	100.59	ng	0.00
79) Terphenyl-d14	20.106	244	727548	67.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.266	70	44907	21.24	ng	# 70
35) Caprolactam	11.822	113	1943	2.20	ng	# 1
50) Dimethylphthalate	14.189	163	17297	2.66	ng	# 86
67) 4-Bromophenyl-phenylether	16.234	248	11161	5.08	ng	# 1

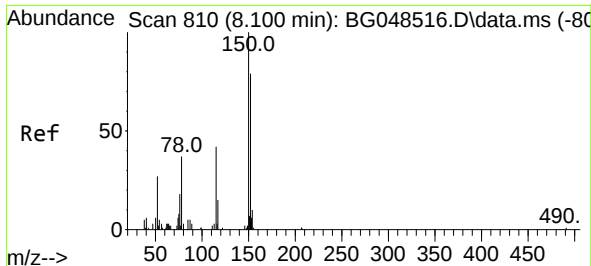
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 00:18:53 2021
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QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

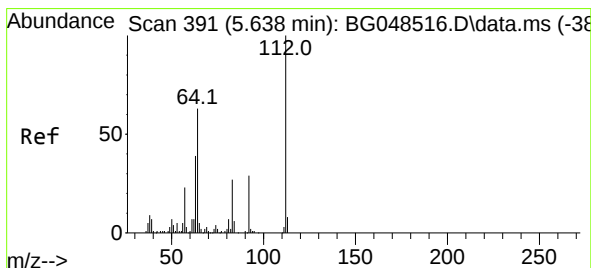
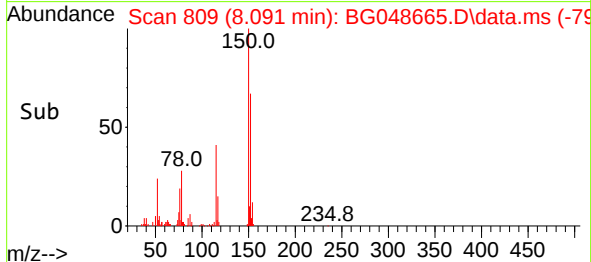
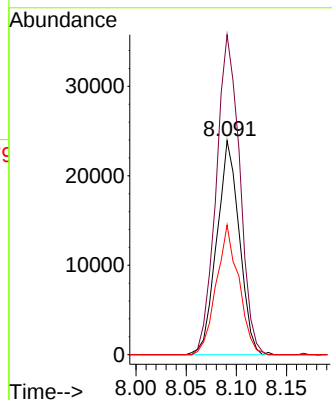
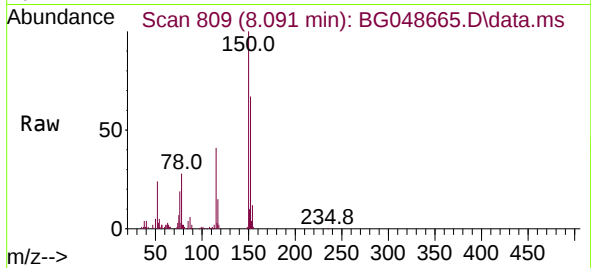




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

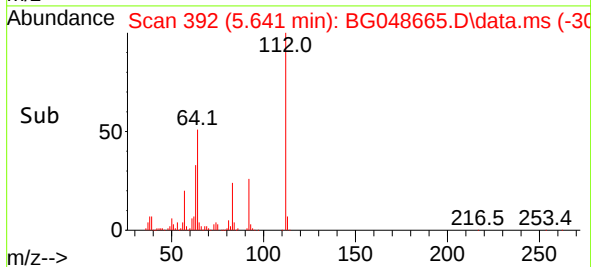
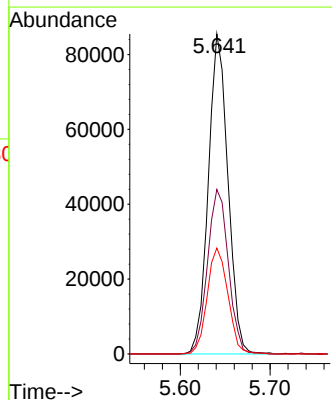
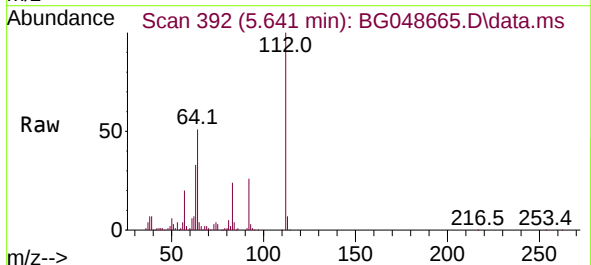
Instrument :
BNA_G
ClientSampleId :
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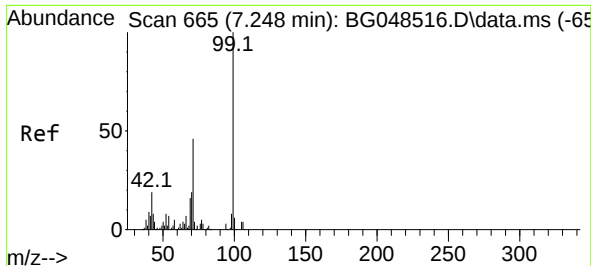
Tgt Ion:152 Resp: 37335
Ion Ratio Lower Upper
152 100
150 149.5 101.3 151.9
115 60.6 42.3 63.5



#5
2-Fluorophenol
Concen: 61.32 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:112 Resp: 129665
Ion Ratio Lower Upper
112 100
64 51.4 50.4 75.6
63 33.1 31.4 47.2

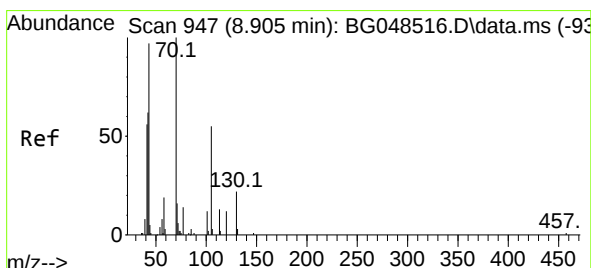
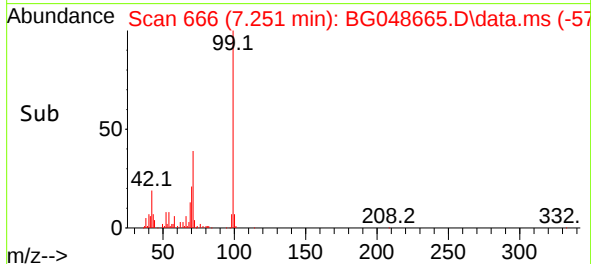
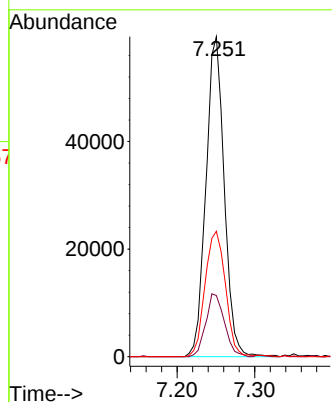
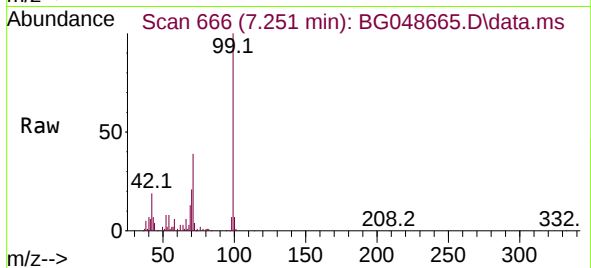




#7
Phenol-d6
Concen: 31.84 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

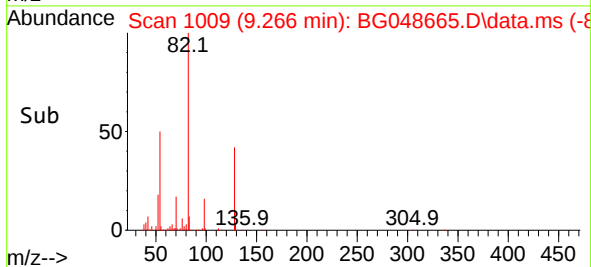
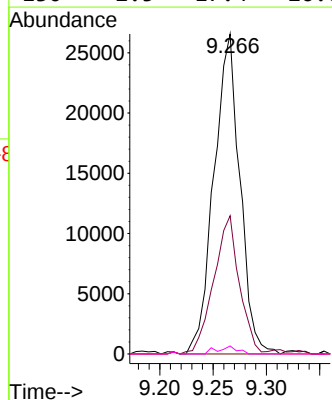
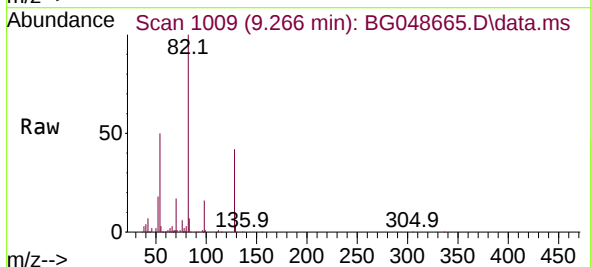
Instrument :
BNA_G
ClientSampleId :
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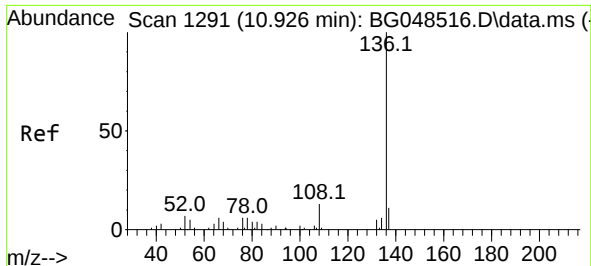
Tgt Ion:	99	Resp:	97646
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.5	23.3
71	39.2	36.6	54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.24 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:	70	Resp:	44907
Ion	Ratio	Lower	Upper
70	100		
42	43.2	50.8	76.2#
101	0.0	9.7	14.5#
130	2.5	17.4	26.0#

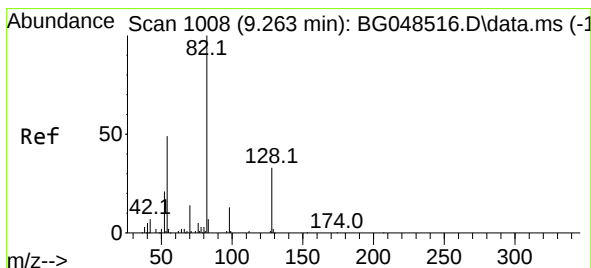
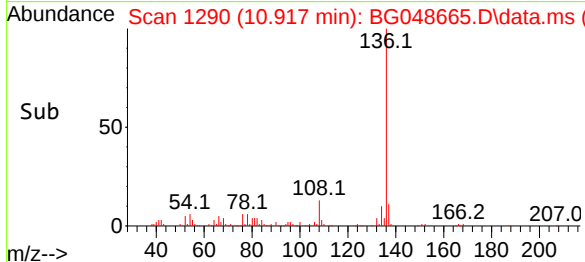
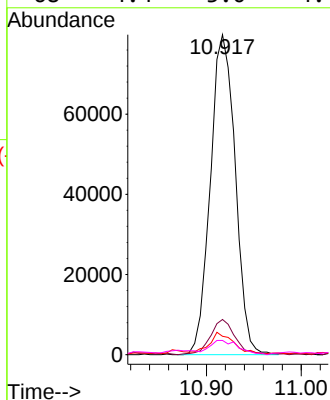
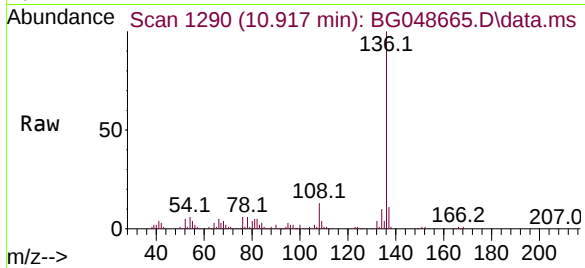




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

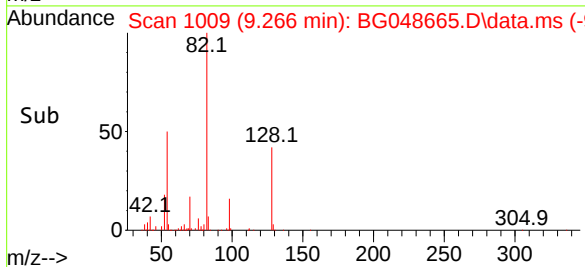
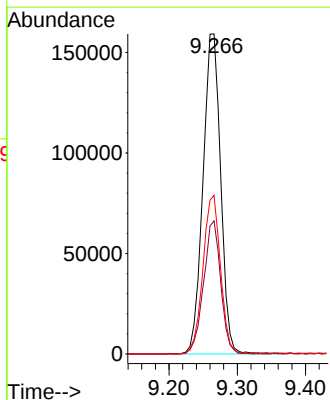
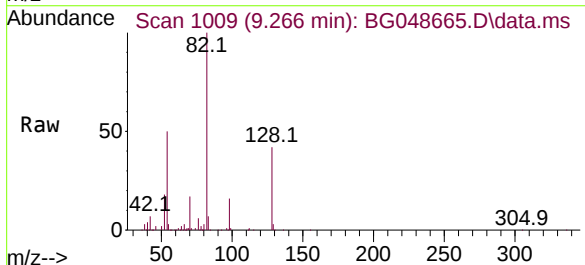
Instrument :
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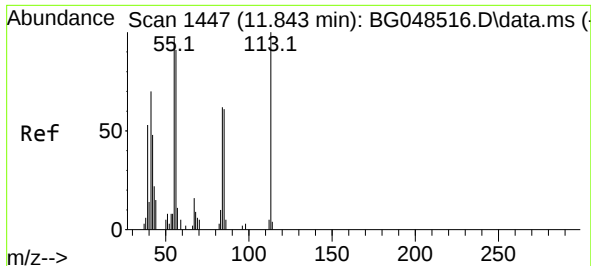
Tgt Ion:	136	Resp:	145685
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	5.8	4.2	6.4
68	4.4	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 95.68 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:	82	Resp:	287907
Ion Ratio	Lower	Upper	
82	100		
128	41.6	26.2	39.4#
54	49.5	38.9	58.3

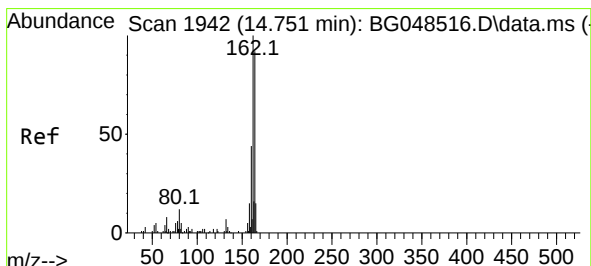
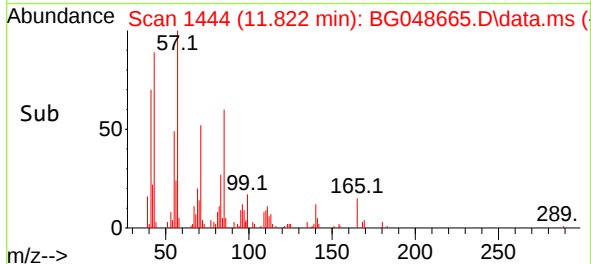
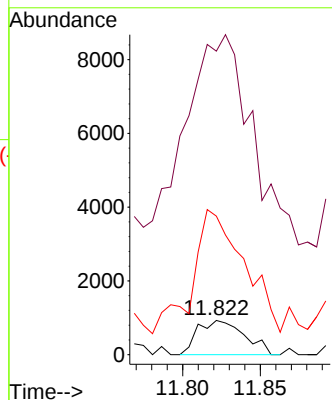
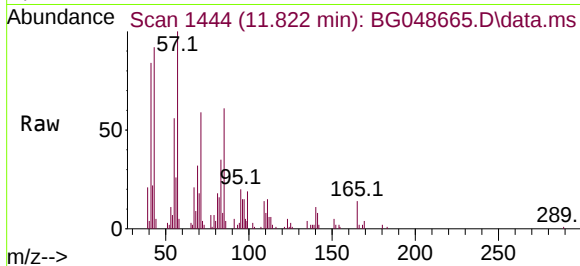




#35
Caprolactam
Concen: 2.20 ng
RT: 11.822 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

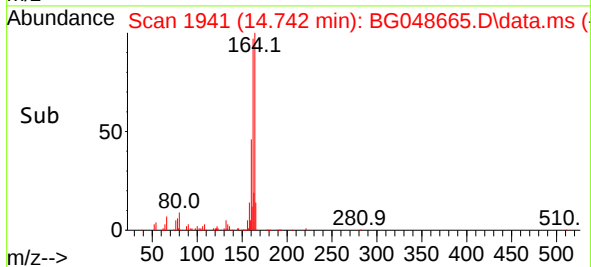
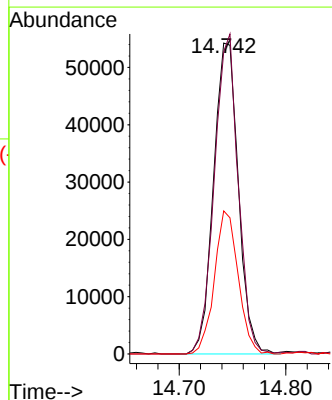
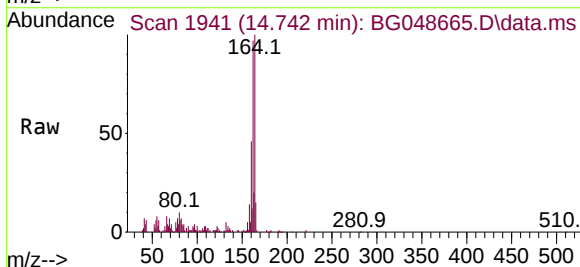
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BNA_G
ClientSampleId :
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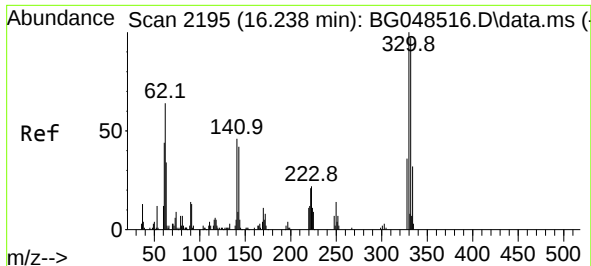
Tgt Ion:113 Resp: 1943
Ion Ratio Lower Upper
113 100
55 886.0 76.8 116.8#
56 404.6 71.1 111.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:164 Resp: 87658
Ion Ratio Lower Upper
164 100
162 97.2 87.0 130.6
160 46.0 38.4 57.6

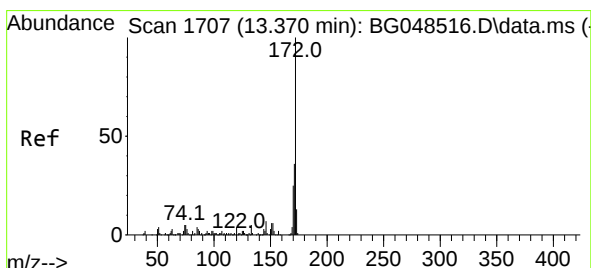
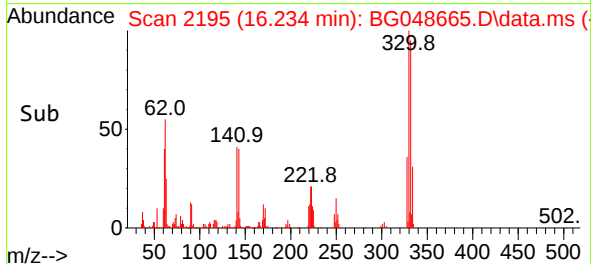
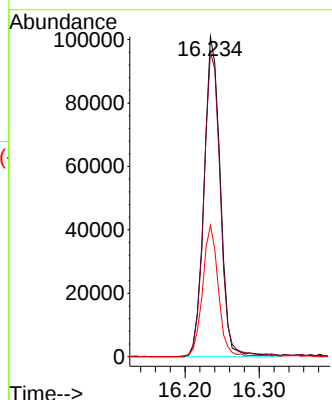
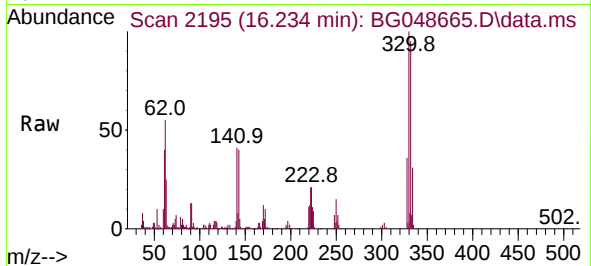




#42
2,4,6-Tribromophenol
Concen: 133.61 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

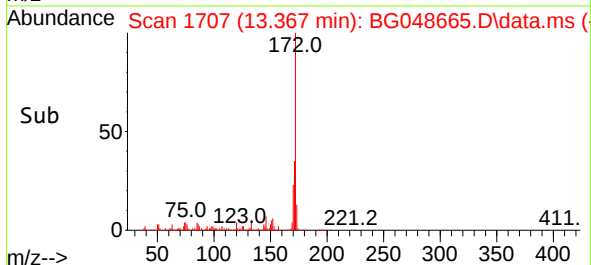
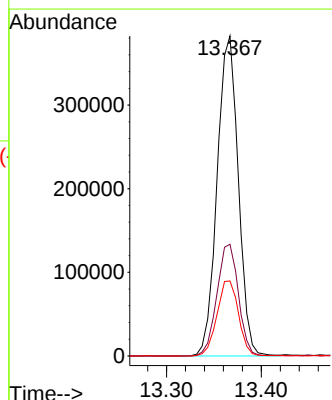
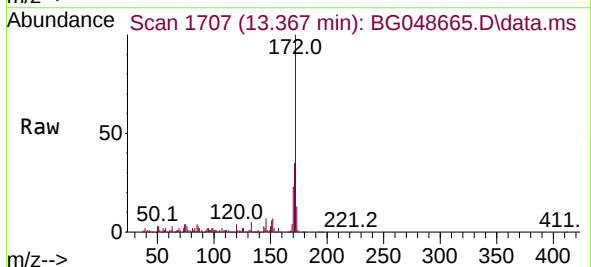
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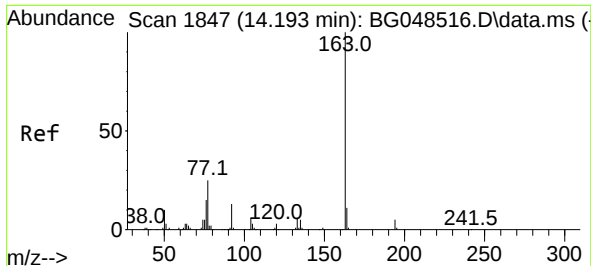
Tgt Ion:330 Resp: 153957
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 39.6 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 100.59 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:172 Resp: 593226
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.5 19.8 29.6

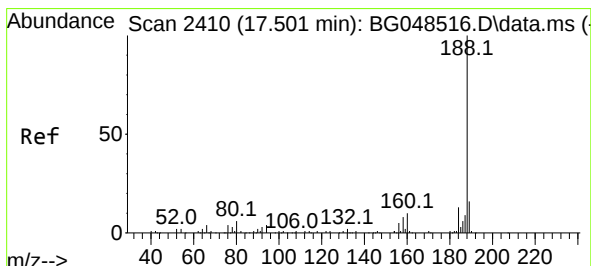
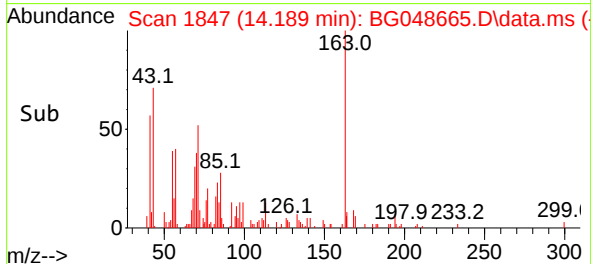
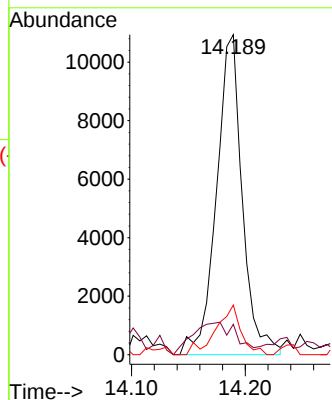
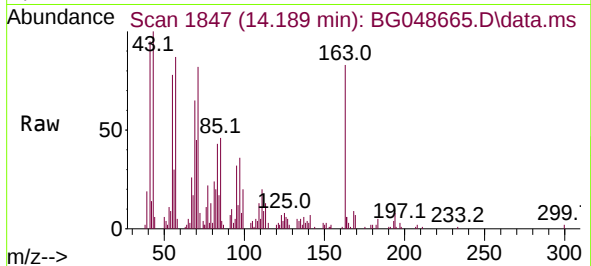




#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

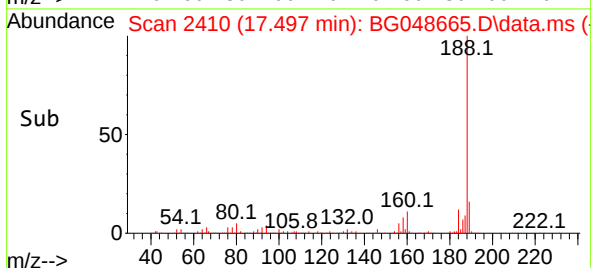
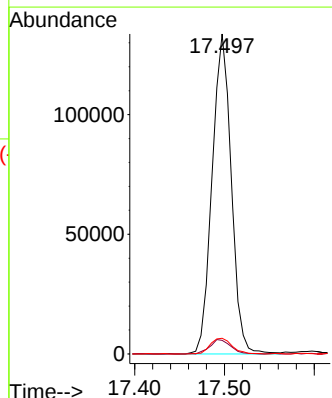
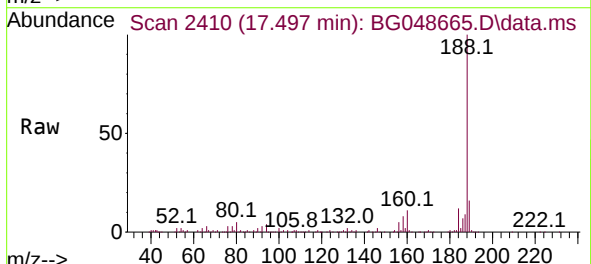
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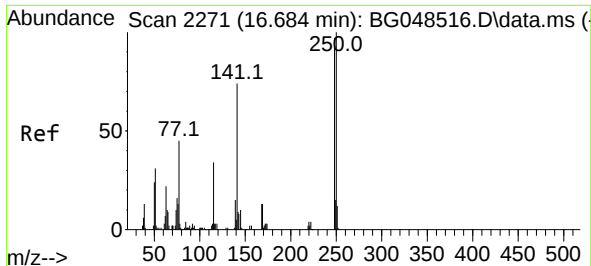
Tgt Ion:163 Resp: 17297
Ion Ratio Lower Upper
163 100
194 11.0 4.1 6.1#
164 15.5 8.6 12.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:188 Resp: 198021
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.6
80 4.9 4.5 6.7

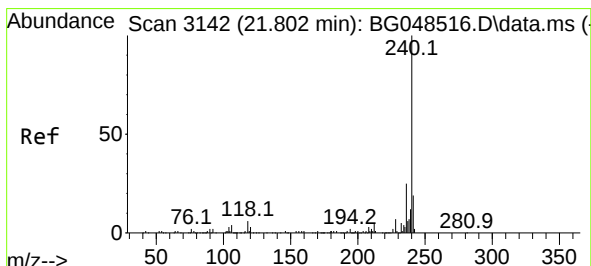
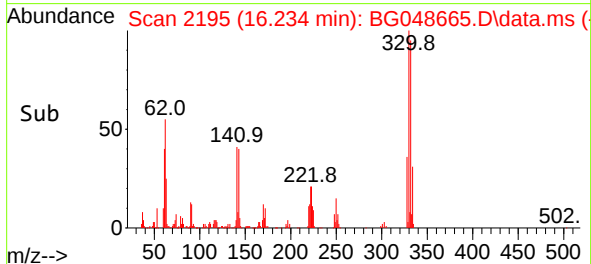
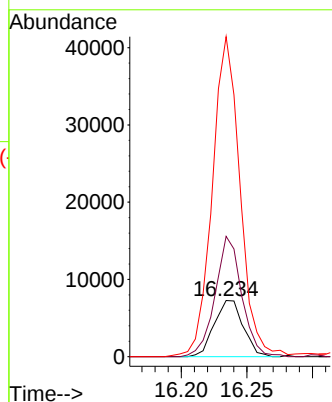
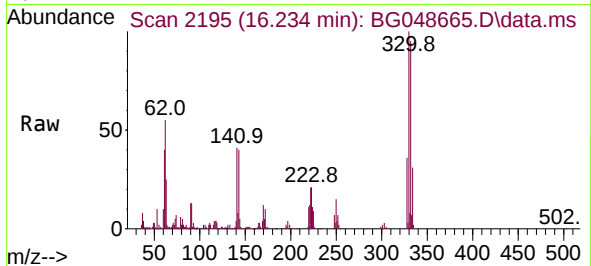




#67
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

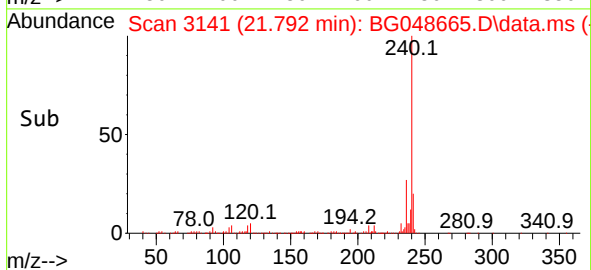
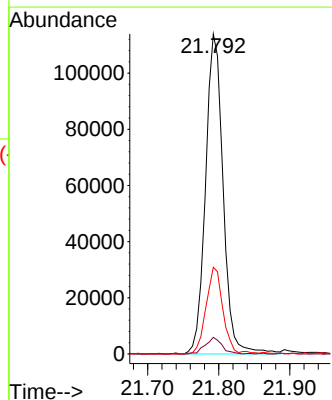
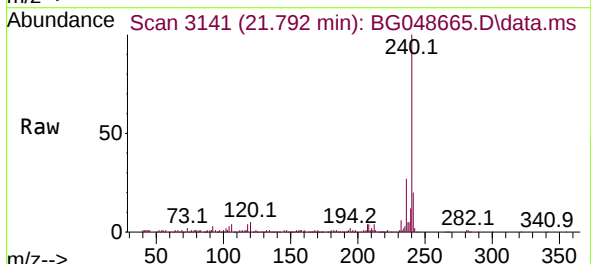
Instrument :
BNA_G
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FS-SB11

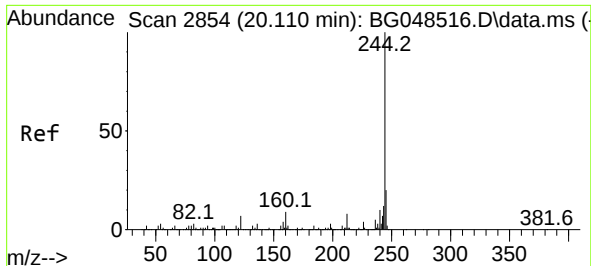
Tgt Ion:248 Resp: 11161
Ion Ratio Lower Upper
248 100
250 214.0 82.6 124.0#
141 569.5 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:240 Resp: 196279
Ion Ratio Lower Upper
240 100
120 5.2 2.6 3.8#
236 27.1 19.8 29.6

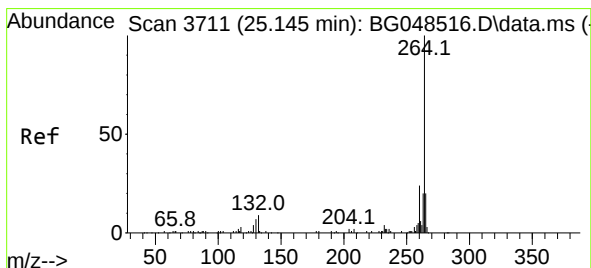
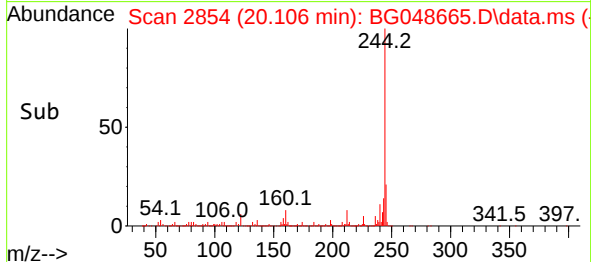
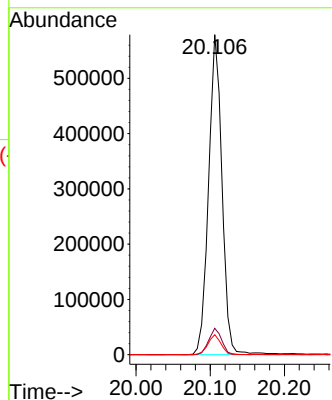
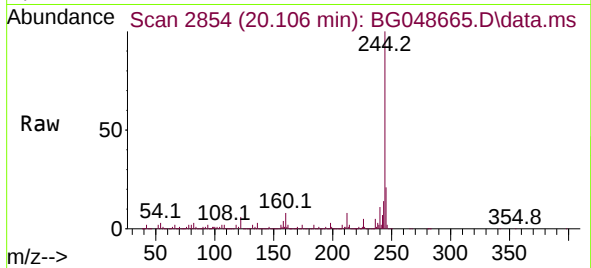




#79
Terphenyl-d14
Concen: 67.79 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Instrument :
BNA_G
ClientSampleId :
FS-SB11

Tgt Ion:244 Resp: 727548
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 6.3 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048665.D
Acq: 12 Apr 2021 17:52

Tgt Ion:264 Resp: 209375
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 19.5 16.1 24.1

