

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048809.D
 Acq On : 21 Apr 2021 00:55
 Operator : CG/JU
 Sample : M2026-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-15

Quant Time: Apr 21 04:34:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

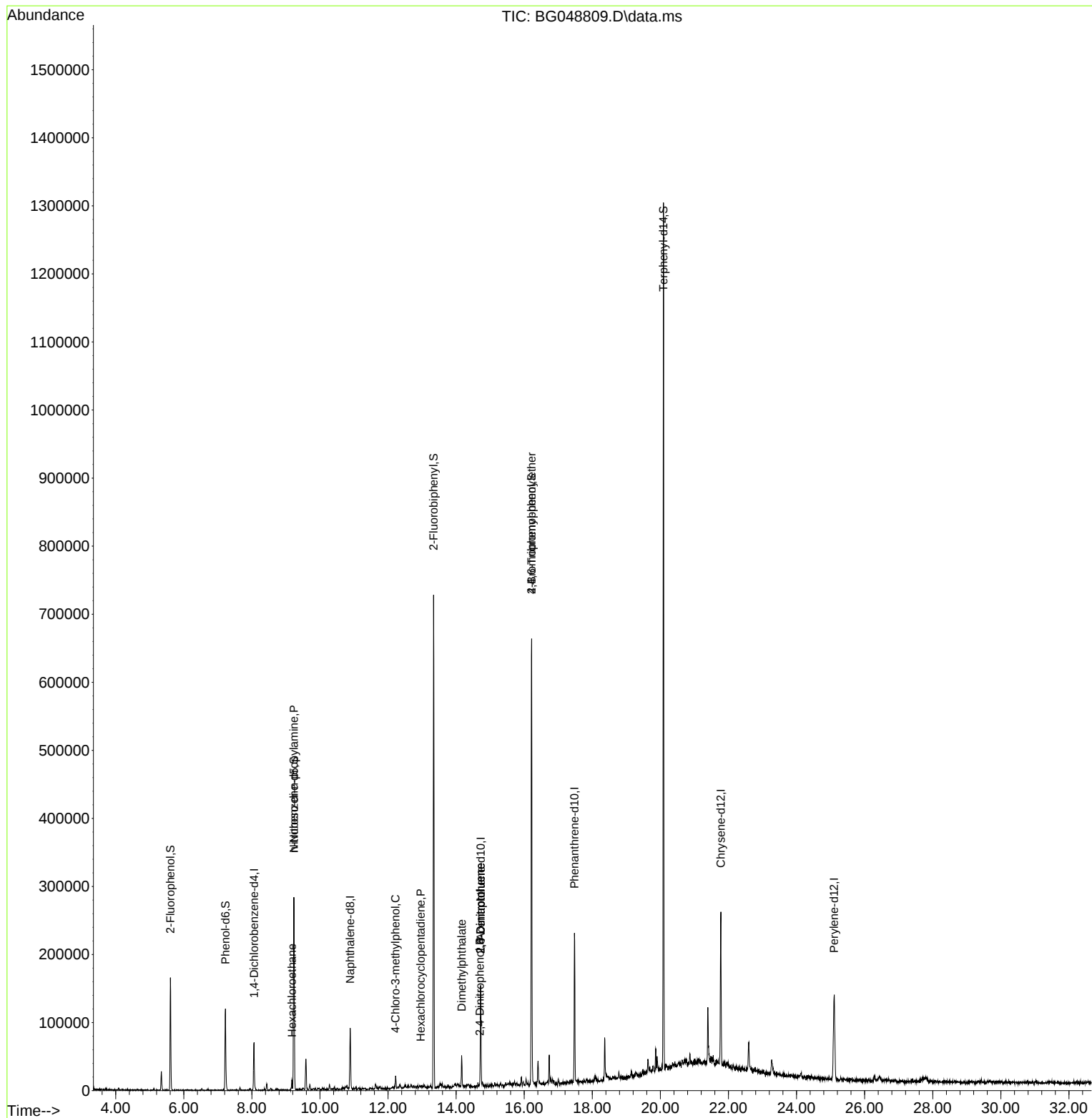
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	17265	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	72492	20.00	ng	# 0.00
39) Acenaphthene-d10	14.719	164	51228	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	131651	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	127474	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	128695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	61225	59.31	ng	0.00
7) Phenol-d6	7.222	99	56341	38.59	ng	0.00
23) Nitrobenzene-d5	9.232	82	158205	97.71	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	102308	148.95	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	342604	96.58	ng	0.00
79) Terphenyl-d14	20.090	244	563394	76.07	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.179	117	1927	3.82	ng	# 2
19) n-Nitroso-di-n-propyla...	9.232	70	24857	25.23	ng	# 77
36) 4-Chloro-3-methylphenol	12.216	107	4734	3.45	ng	# 20
41) Hexachlorocyclopentadiene	12.957	237	56	5.92	ng	# 31
50) Dimethylphthalate	14.161	163	26321	6.85	ng	# 93
51) 2,6-Dinitrotoluene	14.713	165	6923	7.81	ng	# 17
54) 2,4-Dinitrophenol	14.696	184	60	5.39	ng	# 30
57) 2,4-Dinitrotoluene	14.713	165	6923	5.38	ng	# 23
67) 4-Bromophenyl-phenylether	16.218	248	8223	5.43	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 Apr 20 17:33:30 2021
Response via : Initial Calibration

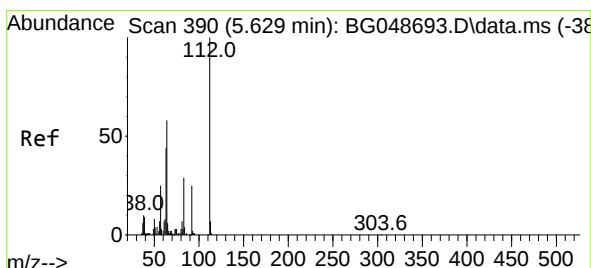
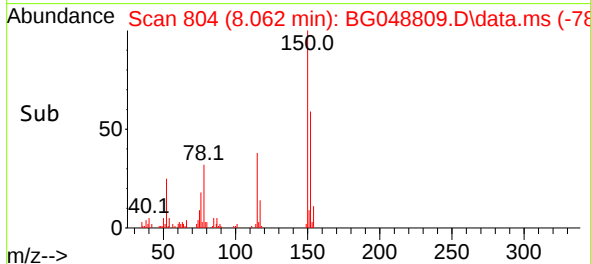
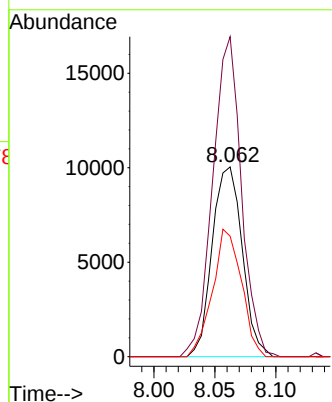
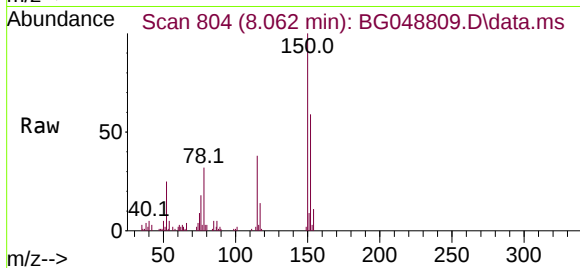




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

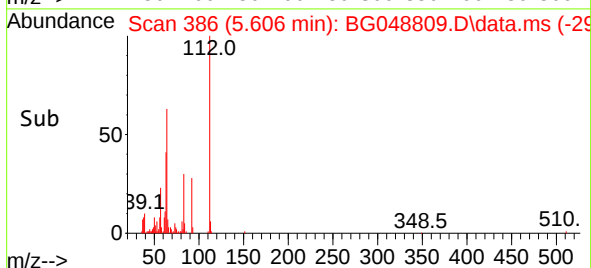
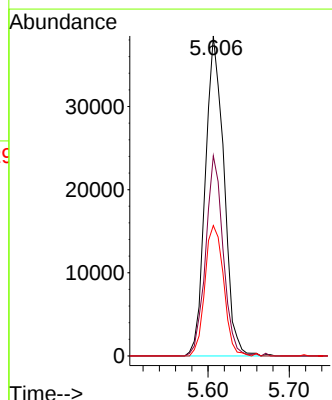
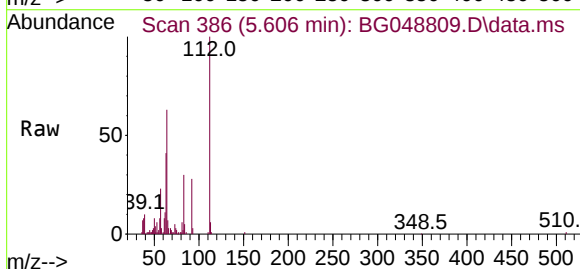
Instrument :
BNA_G
ClientSampled :
PZ-15

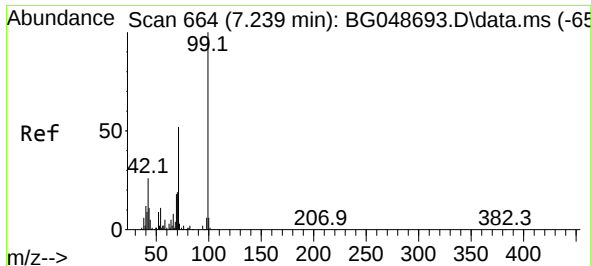
Tgt Ion:152 Resp: 17265
Ion Ratio Lower Upper
152 100
150 168.6 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 59.31 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.001 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:112 Resp: 61225
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 40.7 35.3 52.9

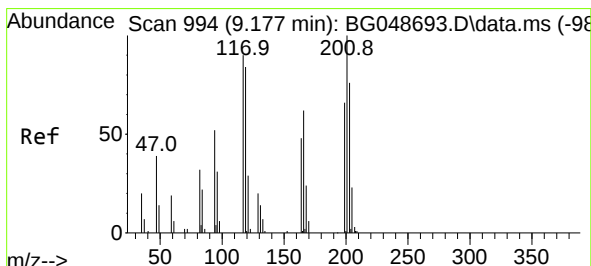
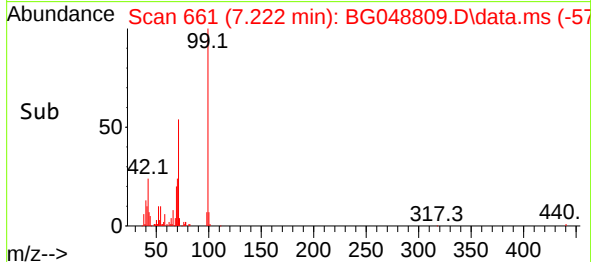
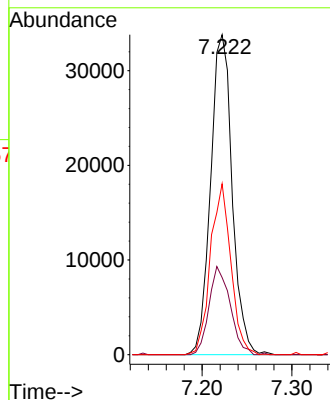
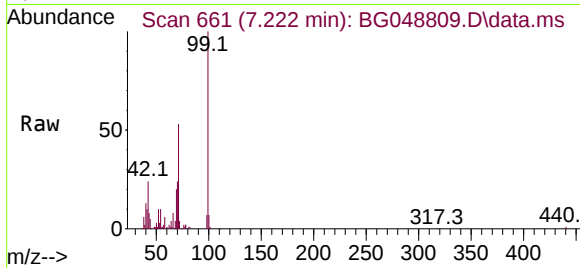




#7
Phenol-d6
Concen: 38.59 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

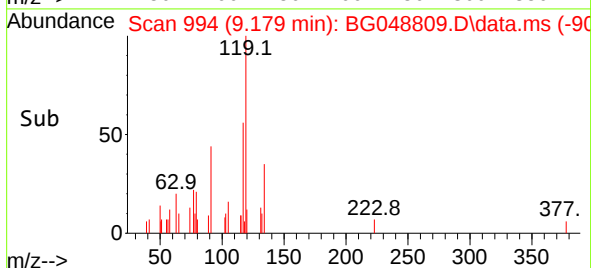
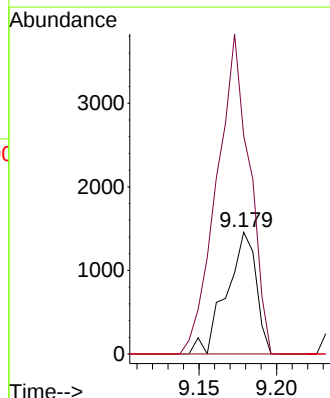
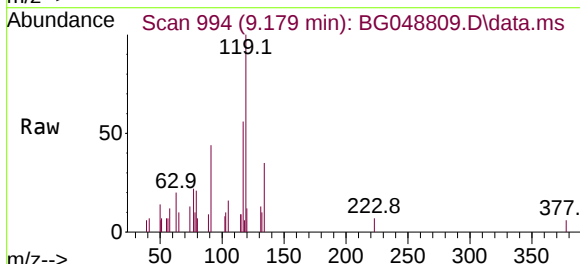
Instrument :
BNA_G
ClientSampled :
PZ-15

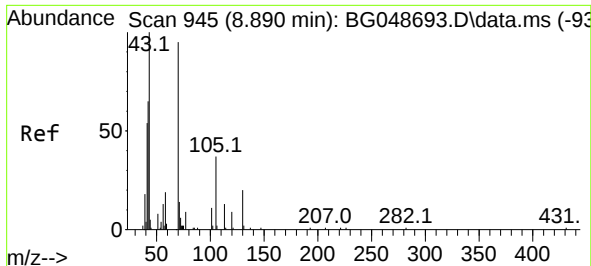
Tgt Ion: 99 Resp: 56341
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 53.4 41.5 62.3



#18
Hexachloroethane
Concen: 3.82 ng
RT: 9.179 min Scan# 994
Delta R.T. 0.025 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

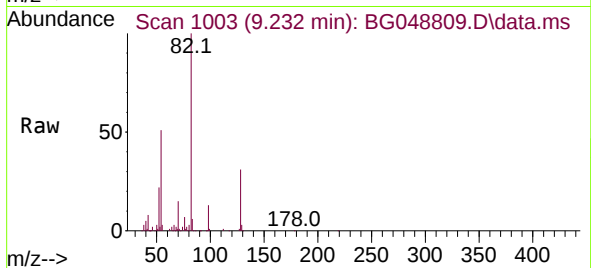
Tgt Ion: 117 Resp: 1927
Ion Ratio Lower Upper
117 100
119 179.1 74.4 111.6#
201 0.0 88.6 133.0#



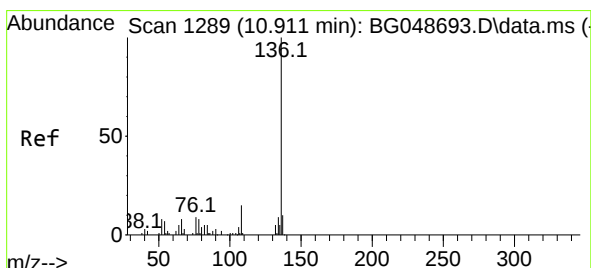
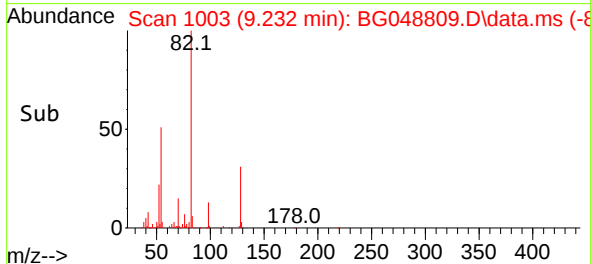
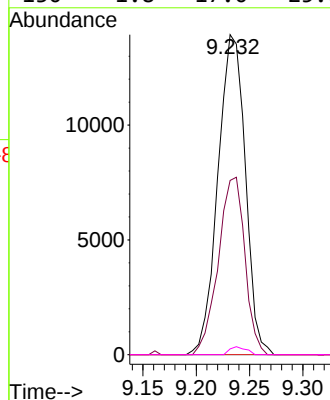


#19
n-Nitroso-di-n-propylamine
Concen: 25.23 ng
RT: 9.232 min Scan# 1003
Delta R.T. 0.360 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Instrument :
BNA_G
ClientSampled :
PZ-15

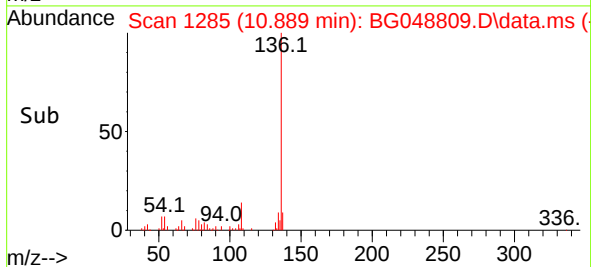
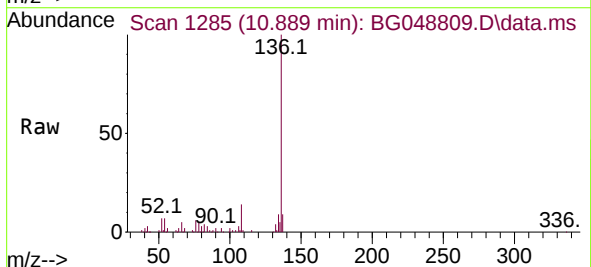
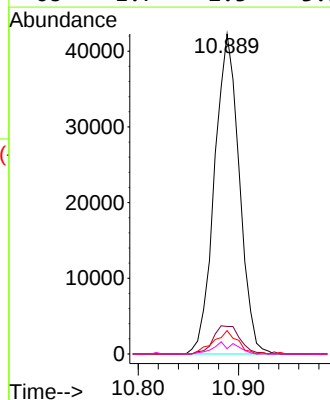


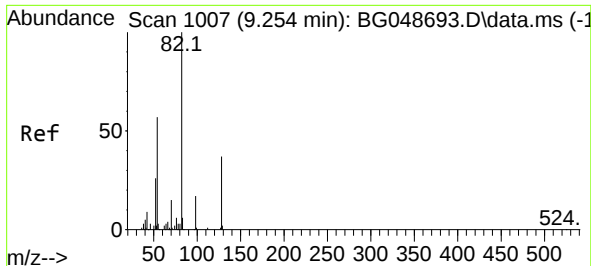
Tgt Ion: 70 Resp: 24857
Ion Ratio Lower Upper
70 100
42 54.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion: 136 Resp: 72492
Ion Ratio Lower Upper
136 100
137 8.6 8.2 12.2
54 7.3 5.5 8.3
68 1.7 2.3 3.5#

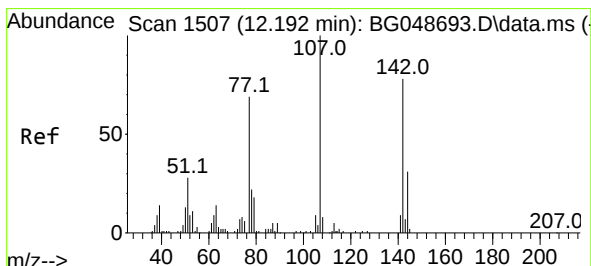
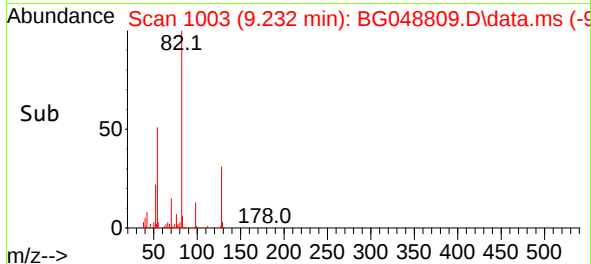
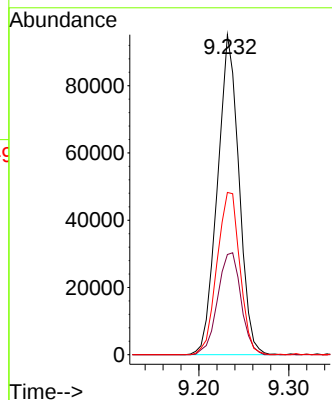
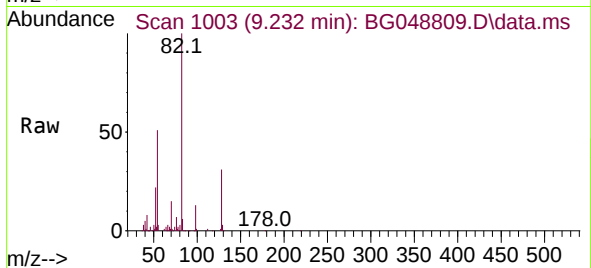




#23
Nitrobenzene-d5
Concen: 97.71 ng
RT: 9.232 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

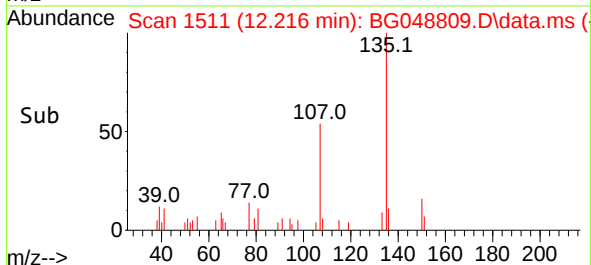
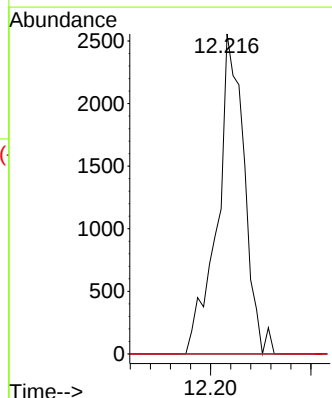
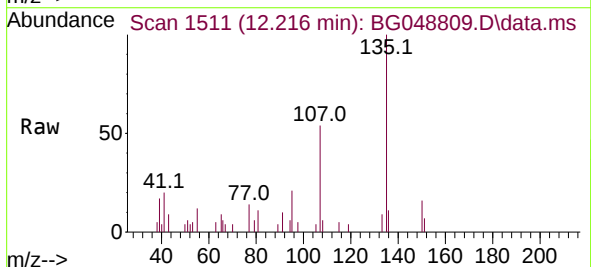
Instrument :
BNA_G
ClientSampled :
PZ-15

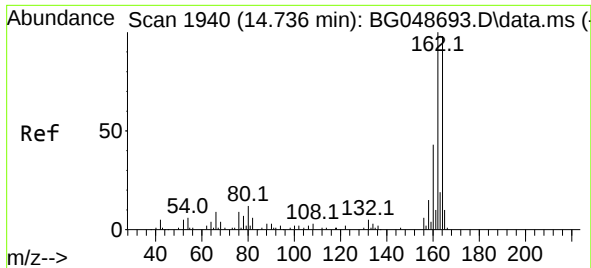
Tgt Ion: 82 Resp: 158205
Ion Ratio Lower Upper
82 100
128 31.3 29.8 44.6
54 50.7 45.8 68.8



#36
4-Chloro-3-methylphenol
Concen: 3.45 ng
RT: 12.216 min Scan# 1511
Delta R.T. 0.036 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion: 107 Resp: 4734
Ion Ratio Lower Upper
107 100
144 0.0 24.8 37.2#
142 0.0 62.2 93.4#

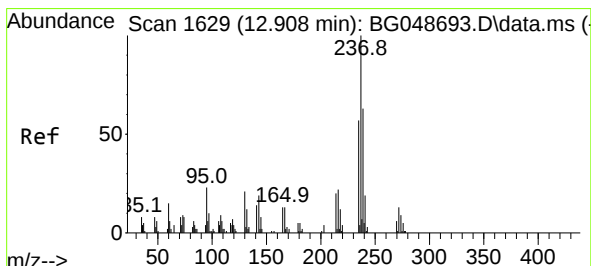
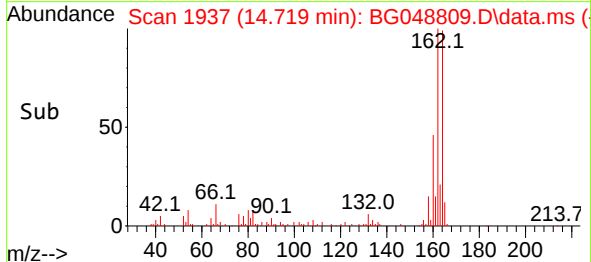
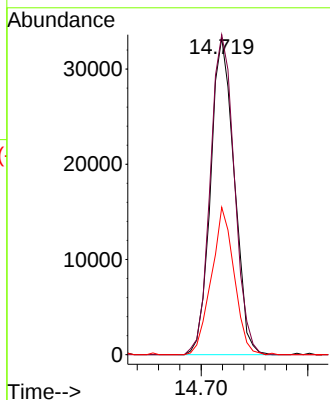
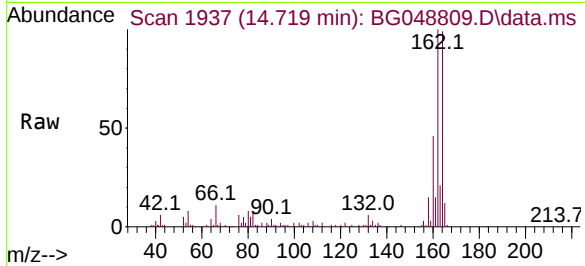




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

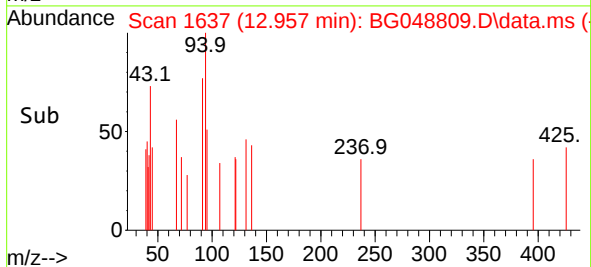
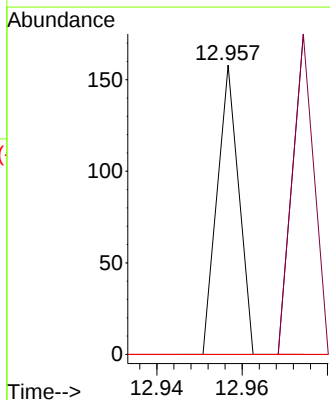
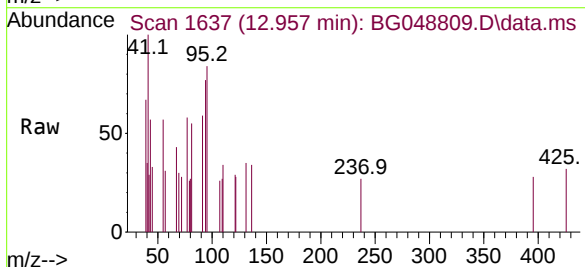
Instrument :
BNA_G
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PZ-15

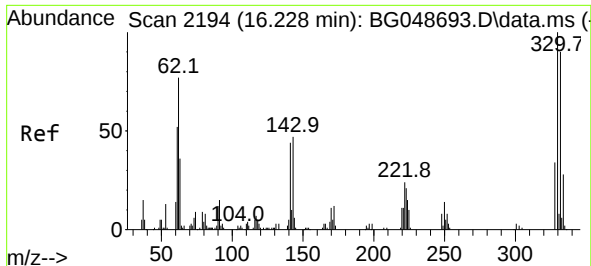
Tgt Ion:	164	Resp:	51228
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	46.5	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.957 min Scan# 1637
Delta R.T. 0.066 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:	237	Resp:	56
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

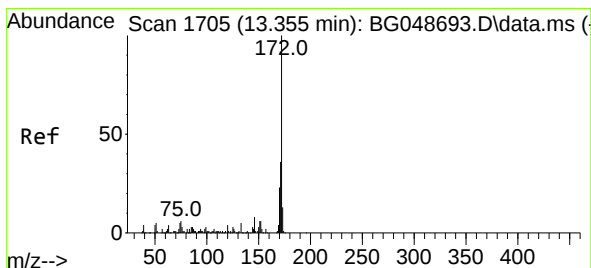
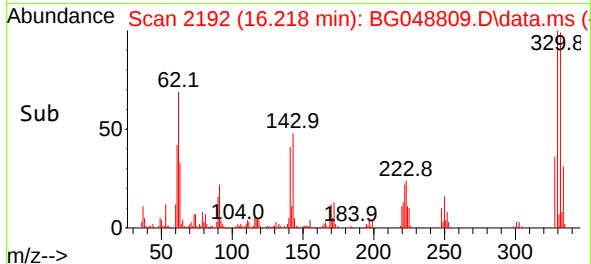
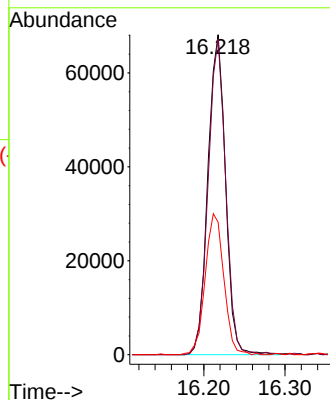
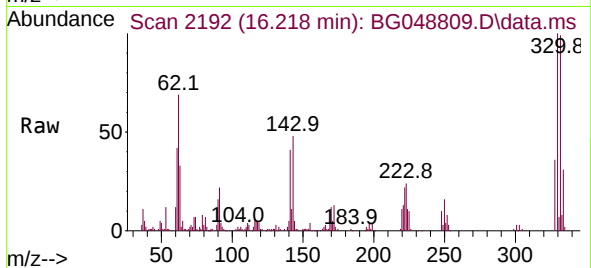




#42
2,4,6-Tribromophenol
Concen: 148.95 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

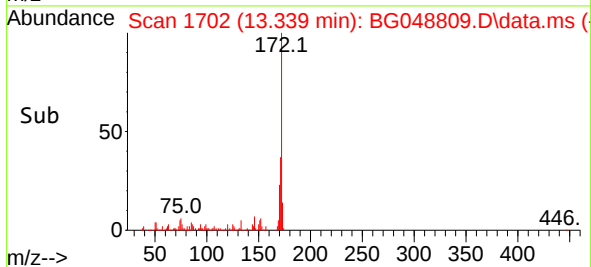
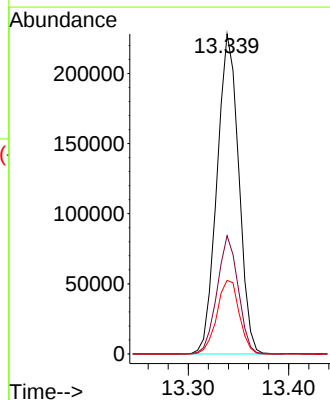
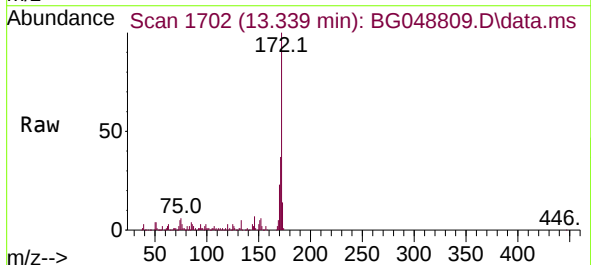
Instrument :
BNA_G
ClientSampleId :
PZ-15

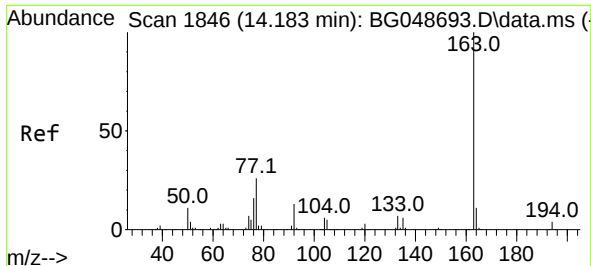
Tgt Ion:330 Resp: 102308
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 46.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 96.58 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:172 Resp: 342604
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.0 18.6 27.8

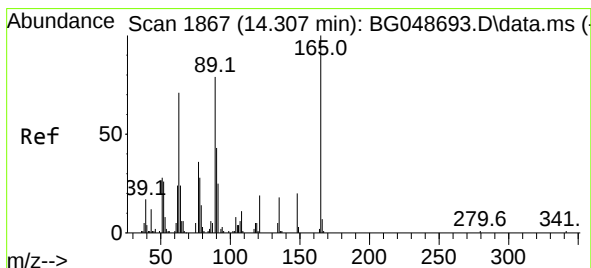
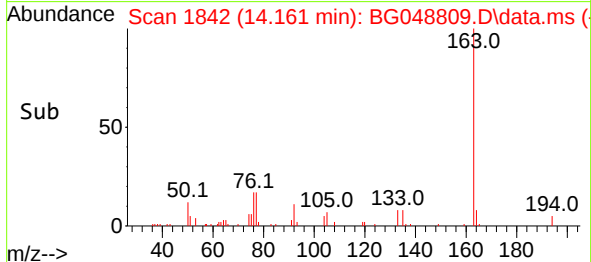
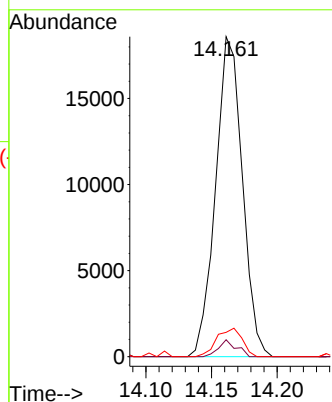
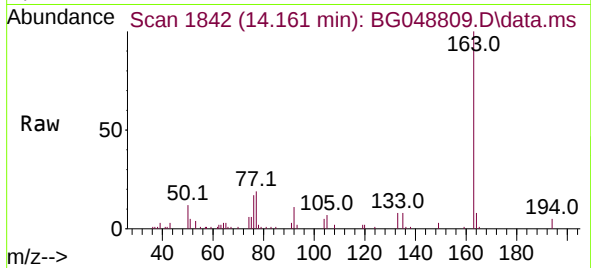




#50
Dimethylphthalate
Concen: 6.85 ng
RT: 14.161 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

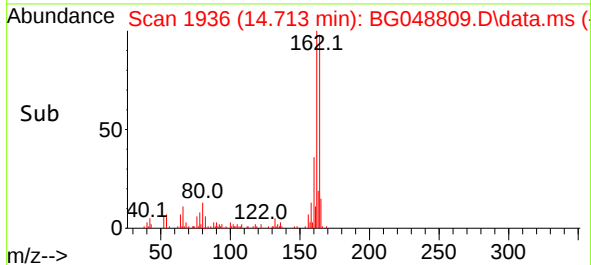
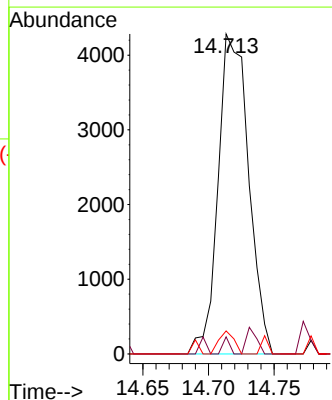
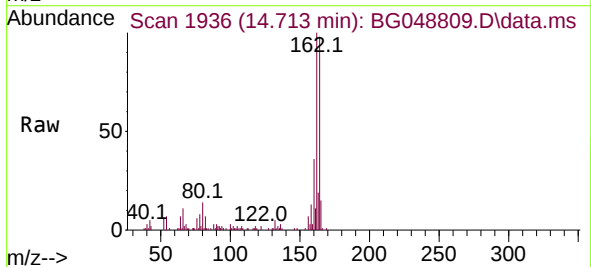
Instrument :
BNA_G
ClientSampled :
PZ-15

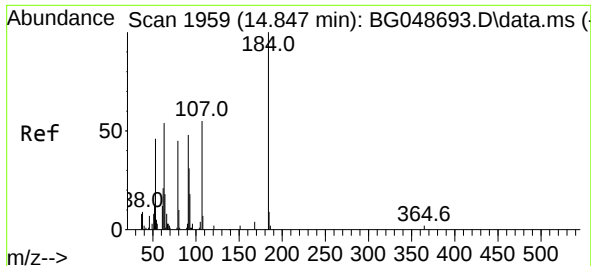
Tgt Ion:163 Resp: 26321
Ion Ratio Lower Upper
163 100
194 5.3 3.0 4.6#
164 7.6 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 14.713 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:165 Resp: 6923
Ion Ratio Lower Upper
165 100
63 5.3 63.3 94.9#
89 7.2 63.4 95.0#

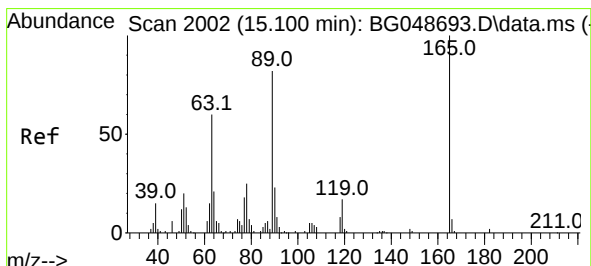
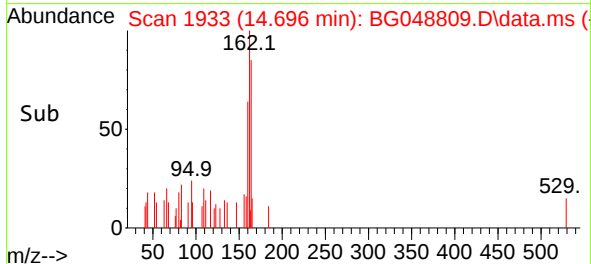
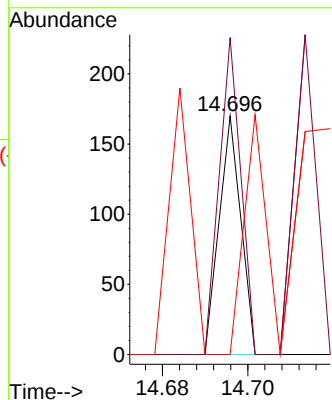
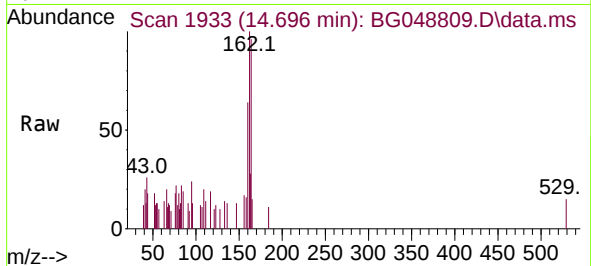




#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.696 min Scan# 1933
Delta R.T. -0.140 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

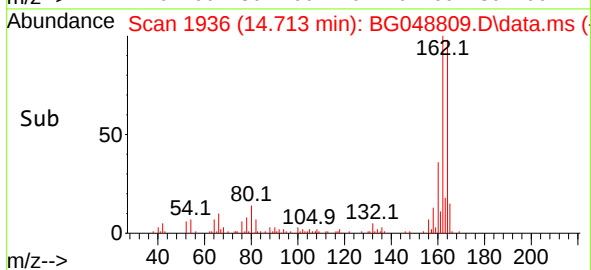
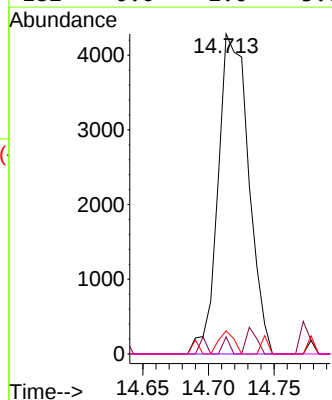
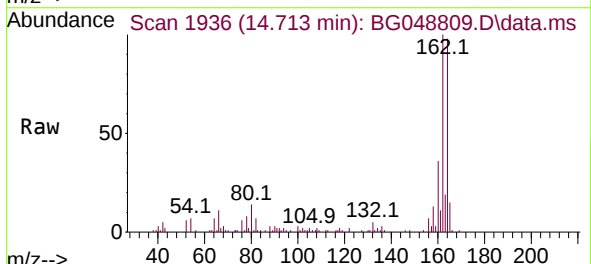
Instrument :
BNA_G
ClientSampled :
PZ-15

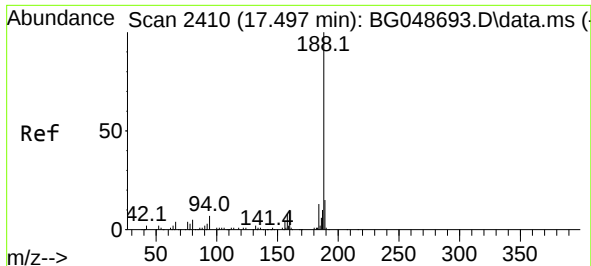
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 132.9 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.713 min Scan# 1936
Delta R.T. -0.369 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:165 Resp: 6923
Ion Ratio Lower Upper
165 100
63 5.3 48.0 72.0#
89 7.2 65.4 98.0#
182 0.0 2.0 3.0#

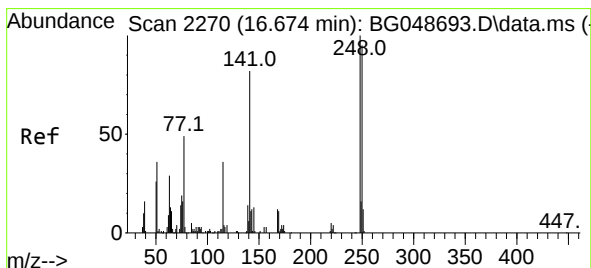
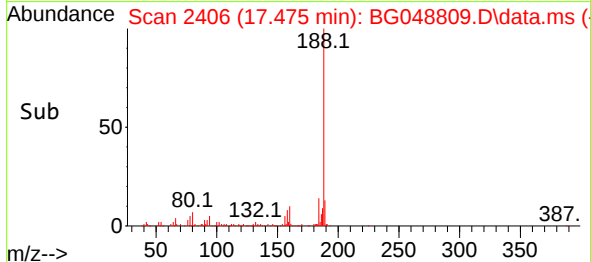
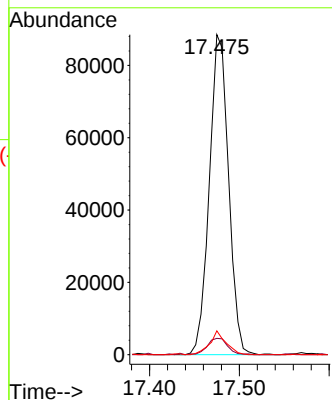
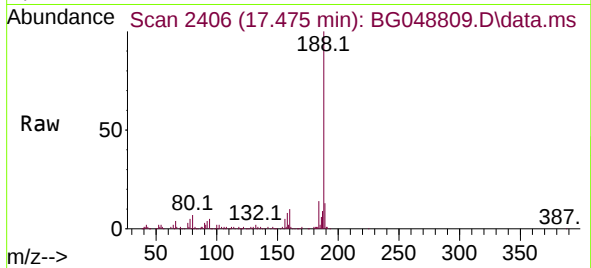




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

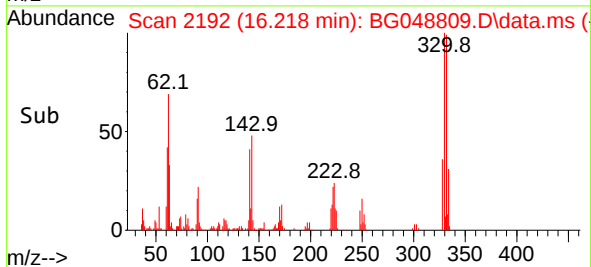
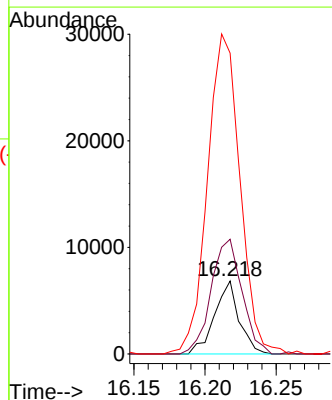
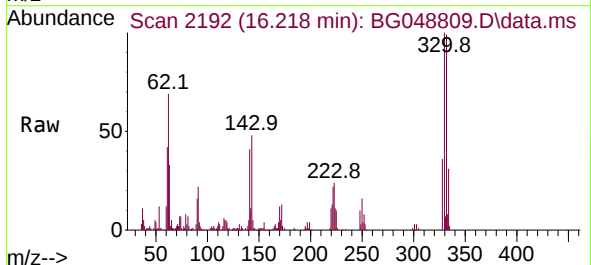
Instrument :
BNA_G
ClientSampled :
PZ-15

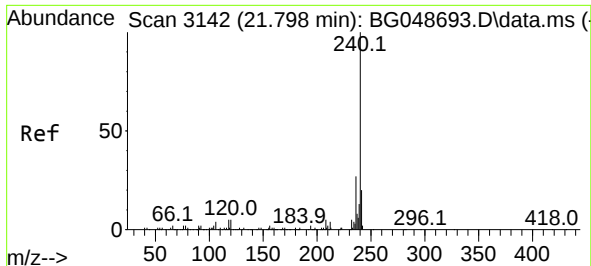
Tgt Ion:188 Resp: 131651
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.445 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

Tgt Ion:248 Resp: 8223
Ion Ratio Lower Upper
248 100
250 157.2 76.1 114.1#
141 412.3 65.4 98.2#

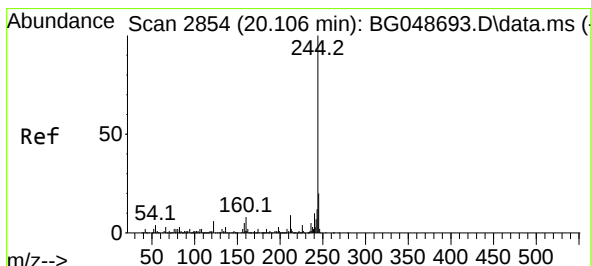
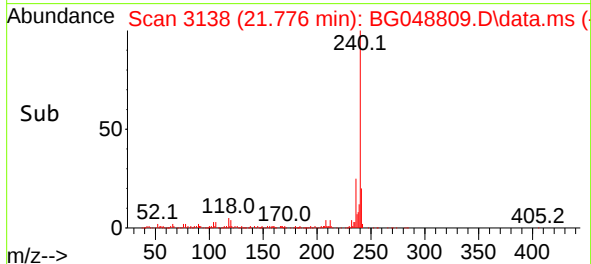
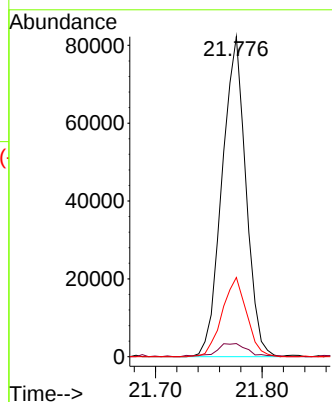
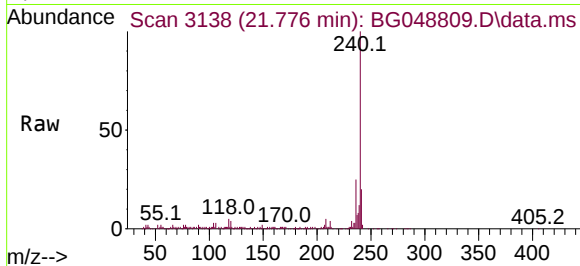




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

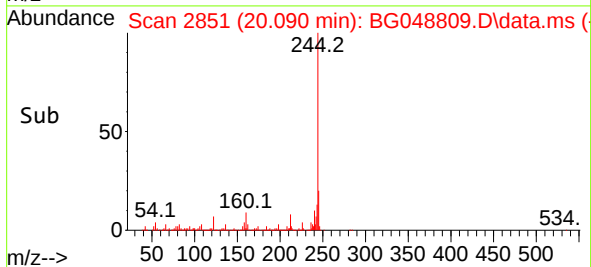
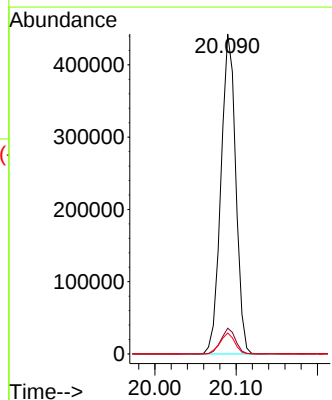
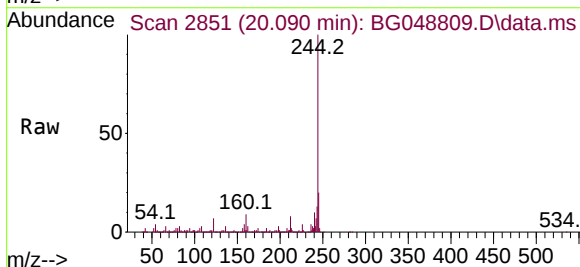
Instrument :
BNA_G
ClientSampled :
PZ-15

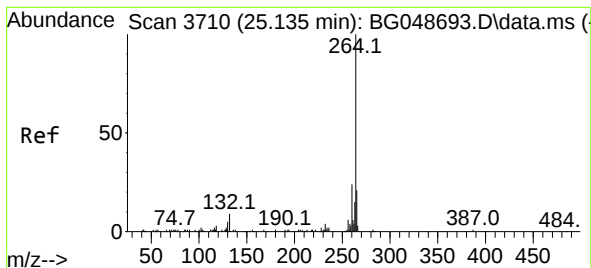
Tgt Ion:240 Resp: 127474
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 24.7 21.8 32.6



#79
Terphenyl-d14
Concen: 76.07 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048809.D
Acq: 21 Apr 2021 00:55

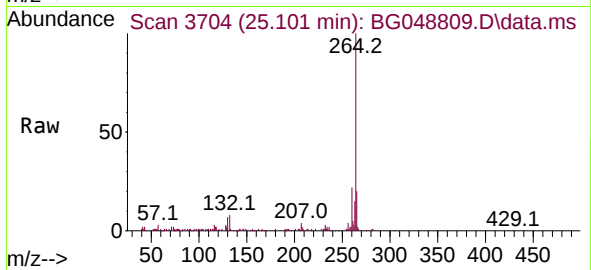
Tgt Ion:244 Resp: 563394
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.101 min Scan# 3704
 Delta R.T. -0.011 min
 Lab File: BG048809.D
 Acq: 21 Apr 2021 00:55

Instrument :
 BNA_G
 ClientSampleId :
 PZ-15



Tgt Ion:264 Resp: 128695

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.4	29.2
265	19.5	16.9	25.3

