

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048755.D
 Acq On : 17 Apr 2021 15:03
 Operator : CG/JU
 Sample : M2050-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Apr 19 00:26:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

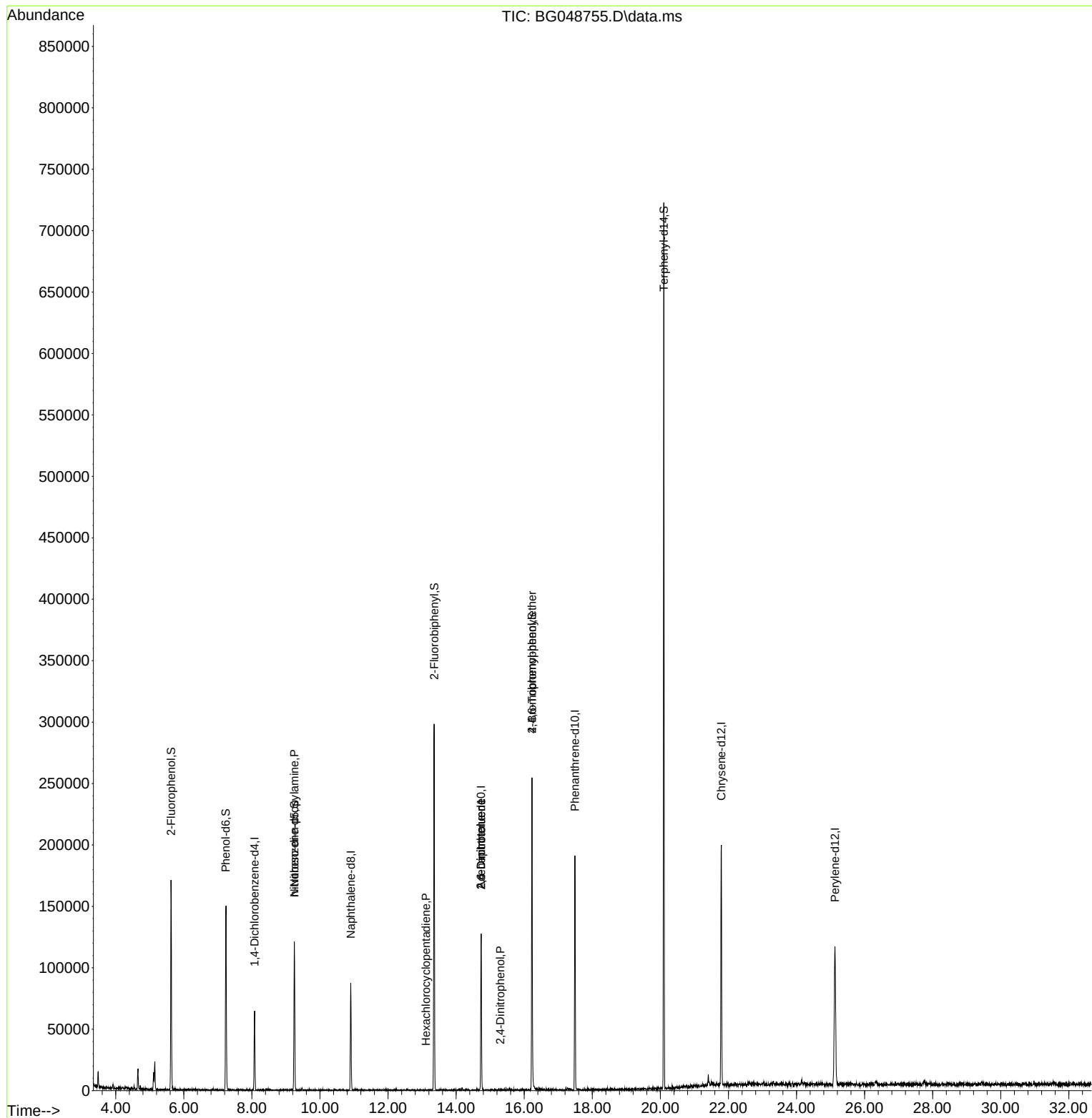
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	15333	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	63239	20.00	ng	0.00
39) Acenaphthene-d10	14.735	164	45236	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	113590	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	121110	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	120332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	59906	65.34	ng	0.00
7) Phenol-d6	7.232	99	70911	54.68	ng	0.00
23) Nitrobenzene-d5	9.248	82	66919	47.38	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	41276	68.05	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	142496	45.49	ng	0.00
79) Terphenyl-d14	20.100	244	318195	45.22	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	10519	12.02	ng	# 81
41) Hexachlorocyclopentadiene	13.114	237	59	5.93	ng	# 31
51) 2,6-Dinitrotoluene	14.735	165	6091	7.78	ng	# 12
54) 2,4-Dinitrophenol	15.300	184	80	5.44	ng	# 8
57) 2,4-Dinitrotoluene	14.735	165	6091	5.36	ng	# 18
67) 4-Bromophenyl-phenylether	16.228	248	2979	2.28	ng	# 1

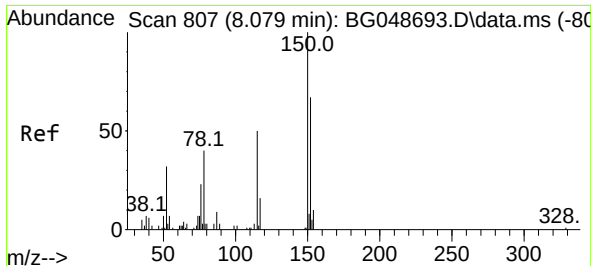
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

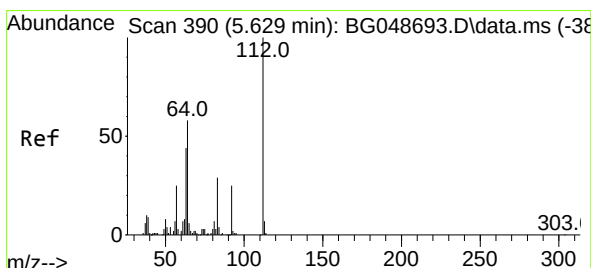
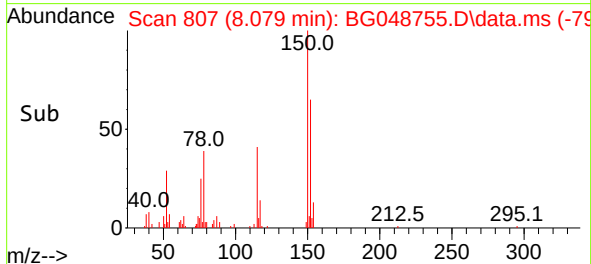
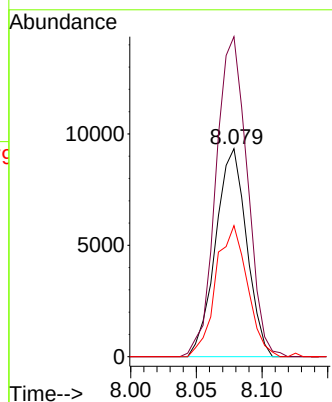
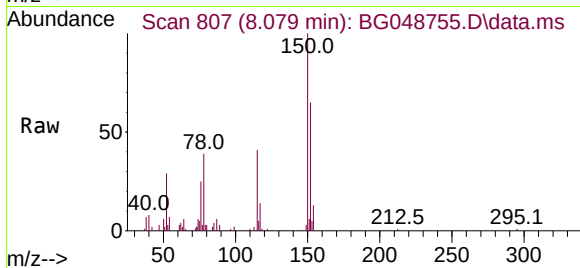




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

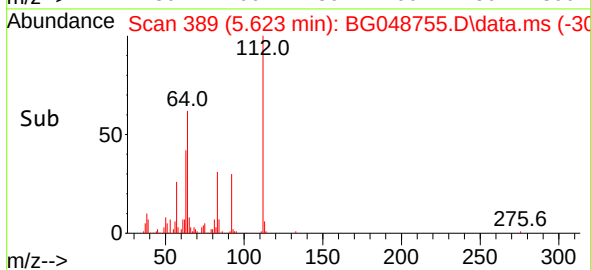
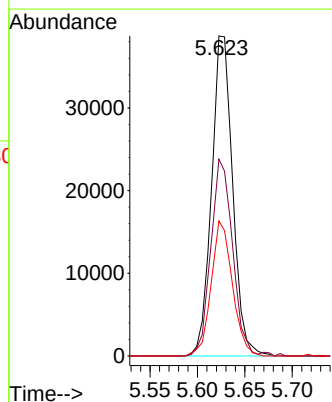
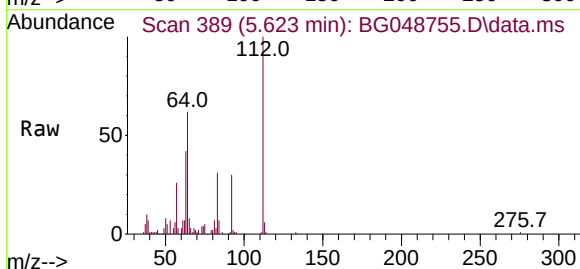
Instrument :
BNA_G
ClientSampleId :
TP-3

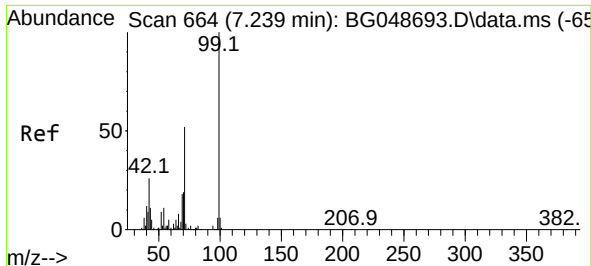
Tgt Ion:152 Resp: 15333
Ion Ratio Lower Upper
152 100
150 153.9 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 65.34 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:112 Resp: 59906
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 42.2 35.3 52.9

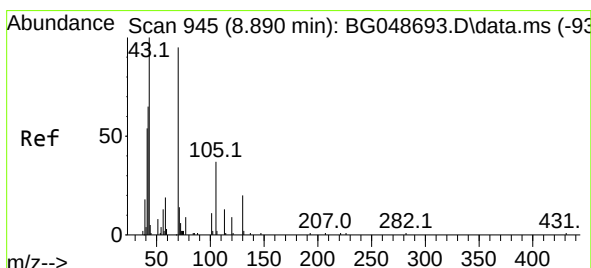
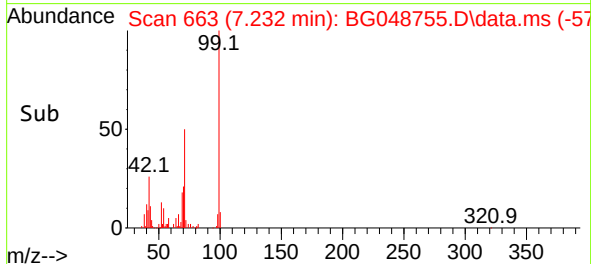
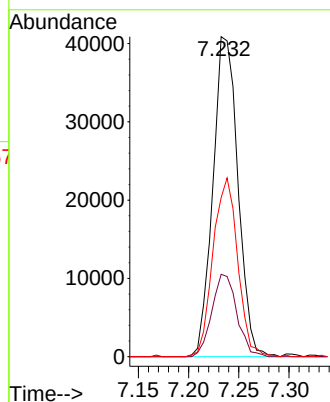
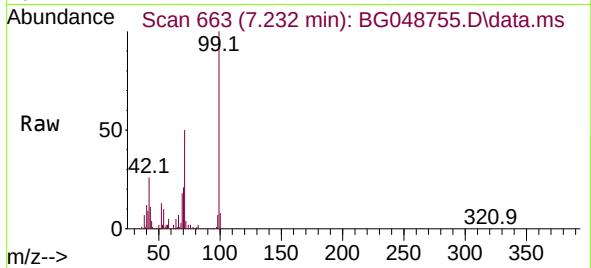




#7
Phenol-d6
Concen: 54.68 ng
RT: 7.232 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

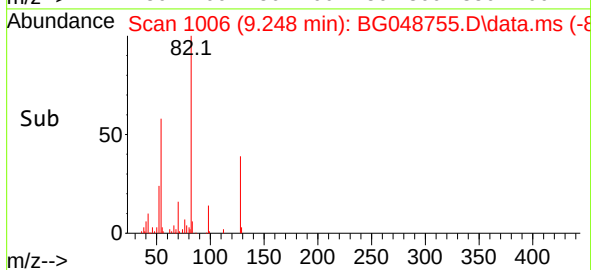
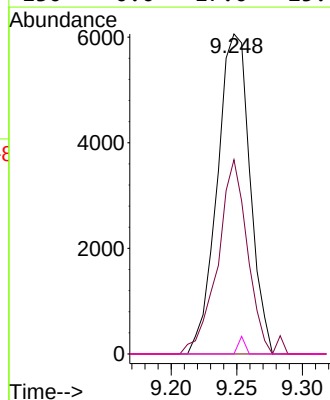
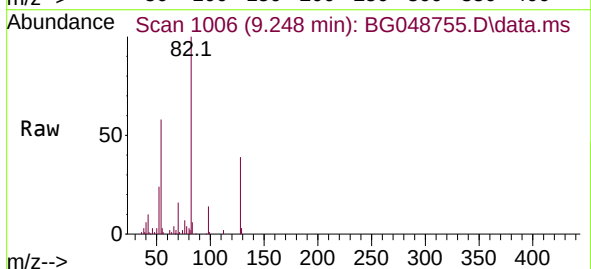
Instrument :
BNA_G
ClientSampleId :
TP-3

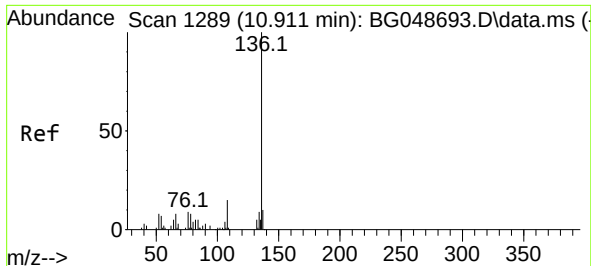
Tgt Ion: 99 Resp: 70911
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 49.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion: 70 Resp: 10519
Ion Ratio Lower Upper
70 100
42 60.7 54.5 81.7
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

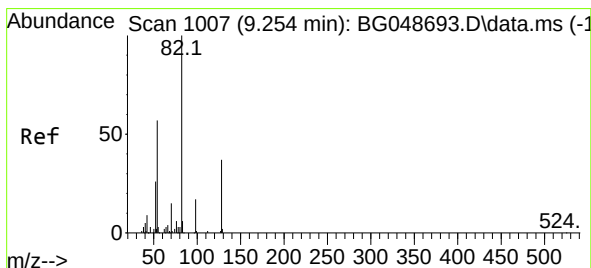
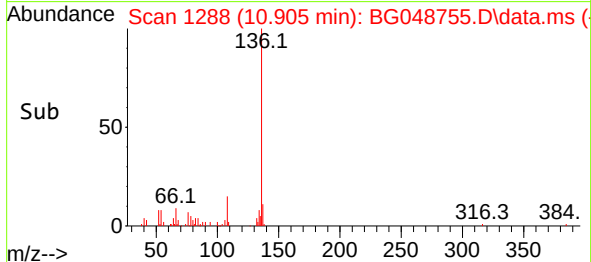
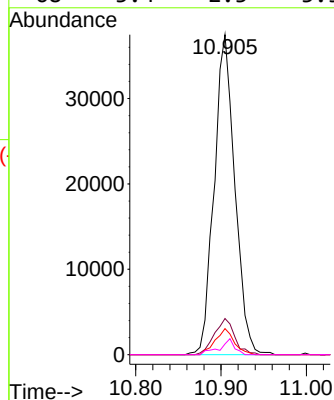
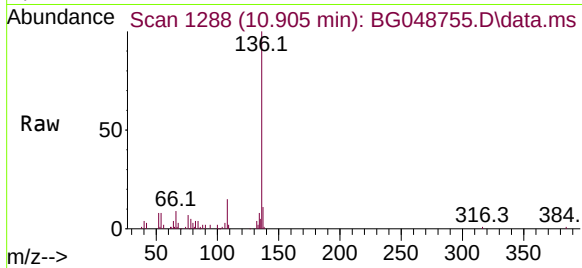




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

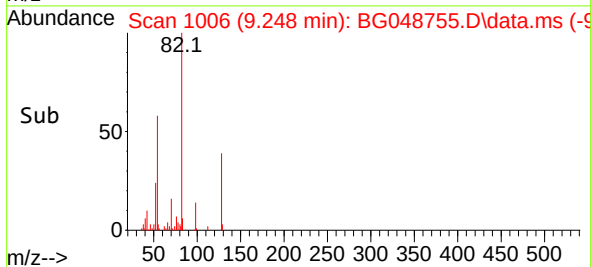
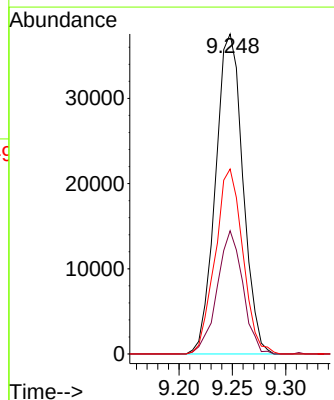
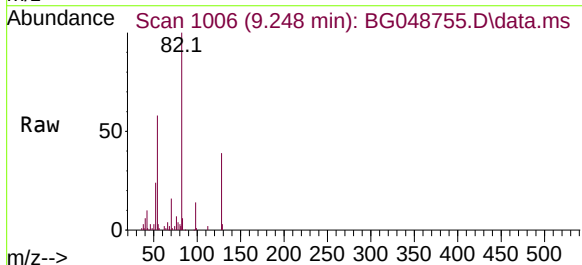
Instrument :
BNA_G
ClientSampleId :
TP-3

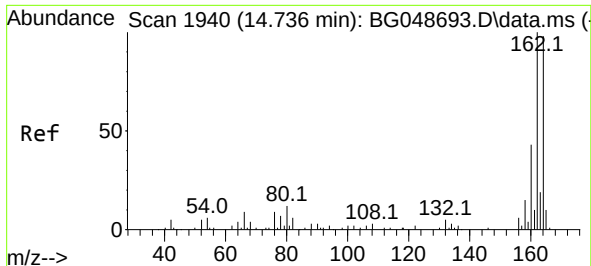
Tgt Ion:	136	Resp:	63239
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	8.1	5.5	8.3
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 47.38 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:	82	Resp:	66919
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.8	44.6
54	57.8	45.8	68.8

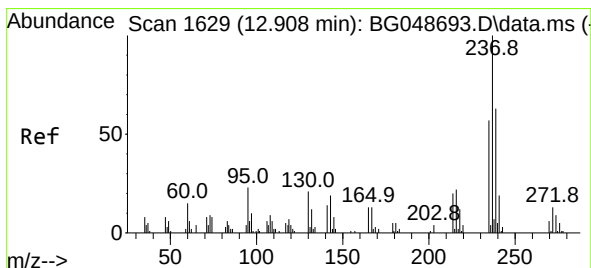
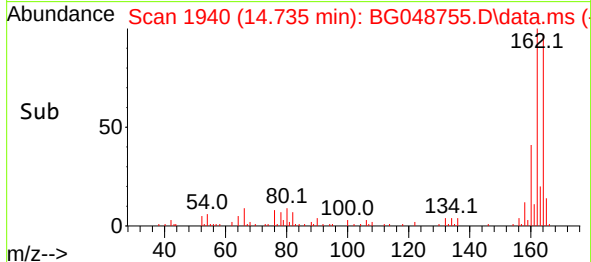
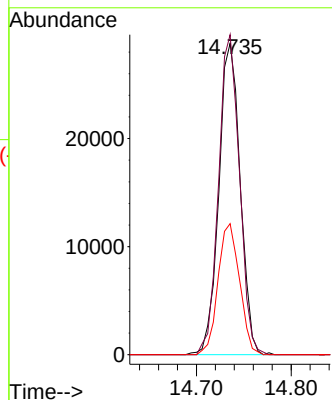
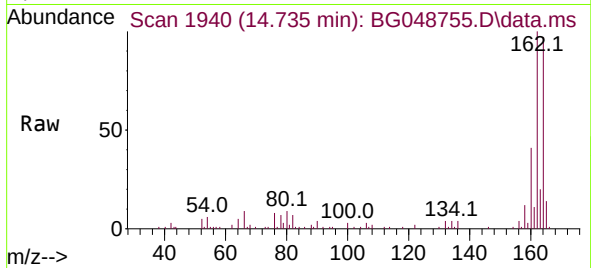




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

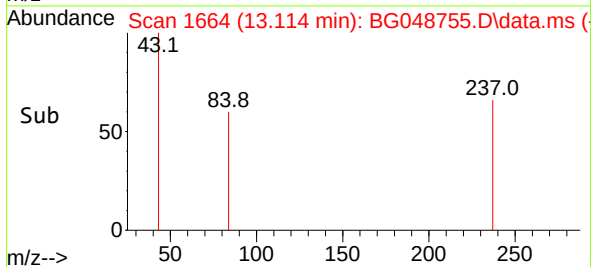
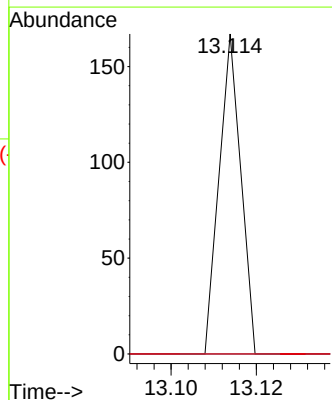
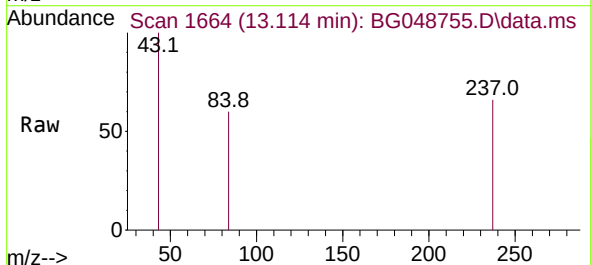
Instrument :
BNA_G
ClientSampleId :
TP-3

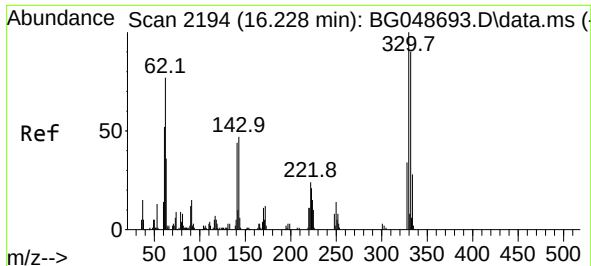
Tgt Ion:164 Resp: 45236
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 42.1 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 13.114 min Scan# 1664
Delta R.T. 0.204 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

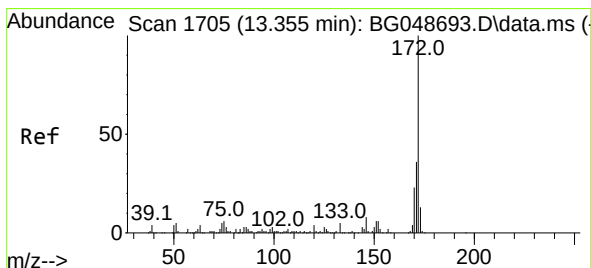
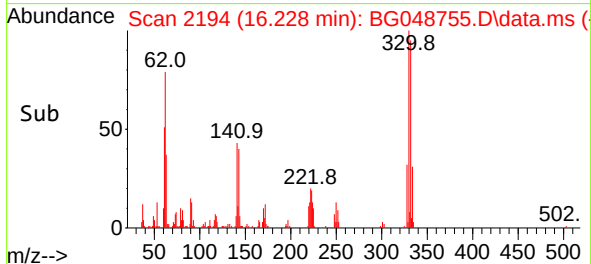
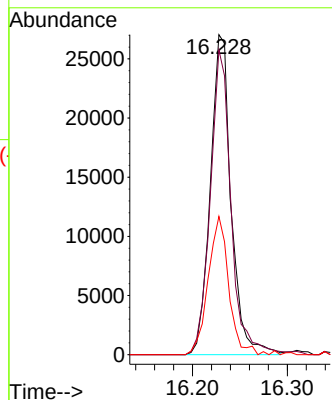
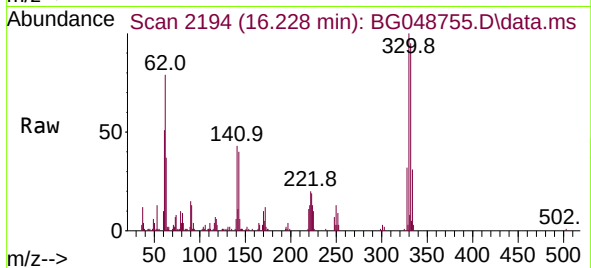




#42
2,4,6-Tribromophenol
Concen: 68.05 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

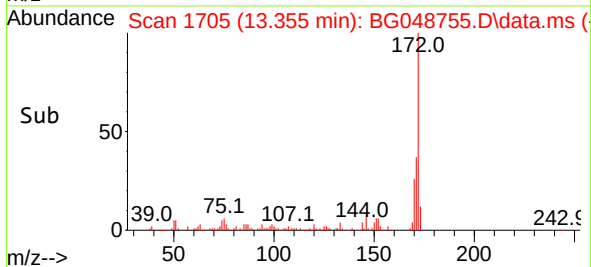
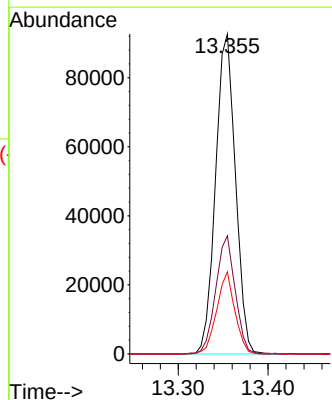
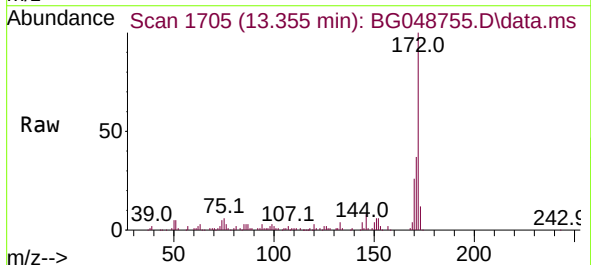
Instrument :
BNA_G
ClientSampleId :
TP-3

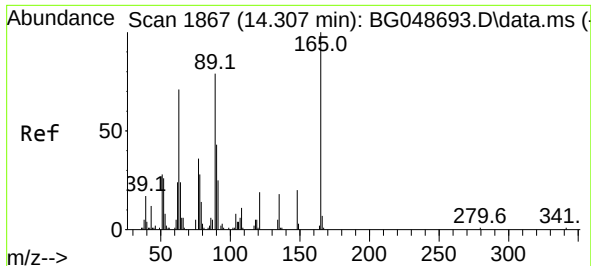
Tgt Ion:330 Resp: 41276
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 42.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 45.49 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:172 Resp: 142496
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.7 18.6 27.8

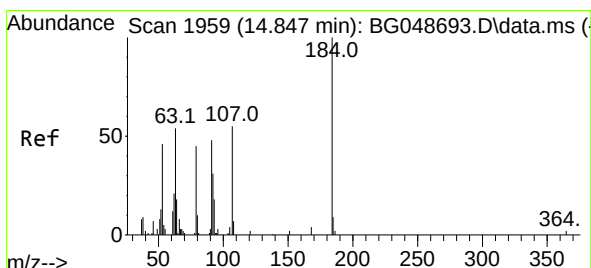
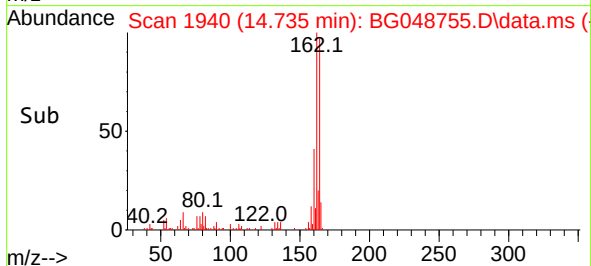
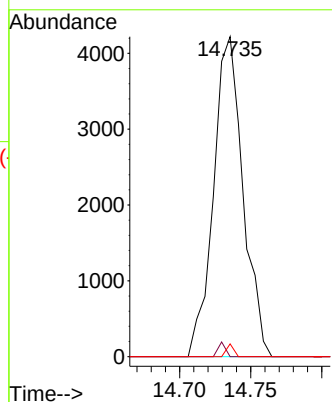
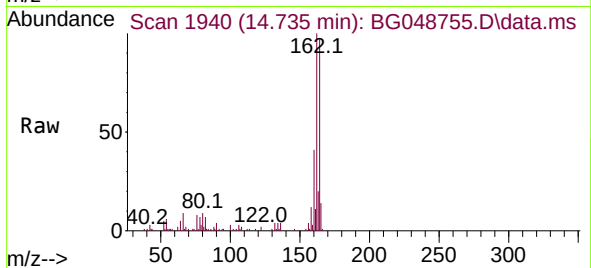




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 14.735 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

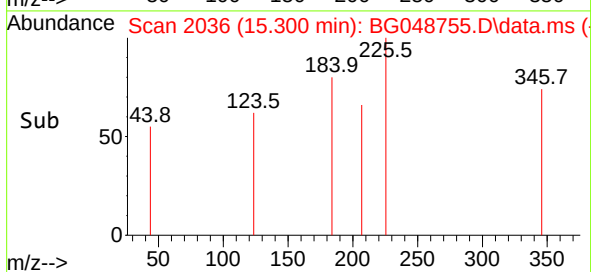
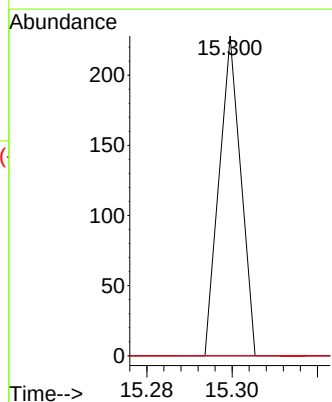
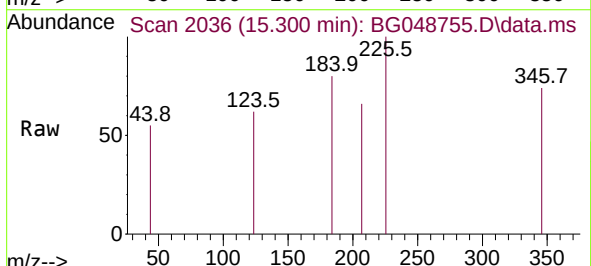
Instrument :
BNA_G
ClientSampled :
TP-3

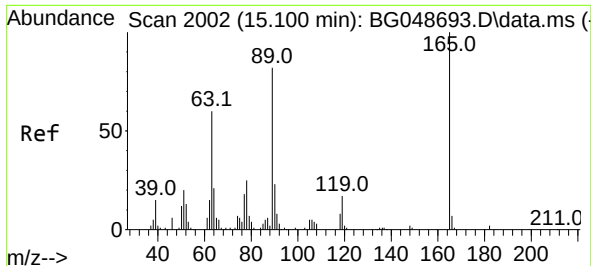
Tgt Ion:165 Resp: 6091
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.44 ng
RT: 15.300 min Scan# 2036
Delta R.T. 0.445 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:184 Resp: 80
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

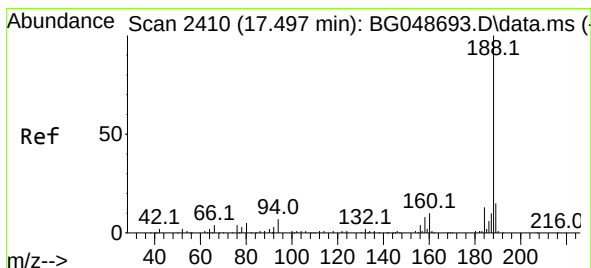
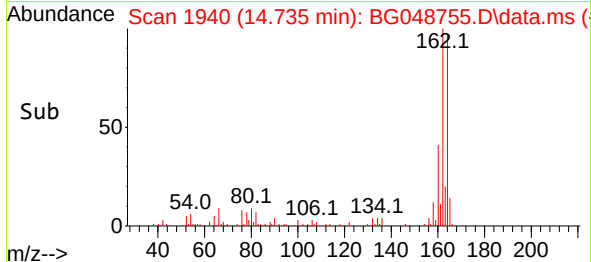
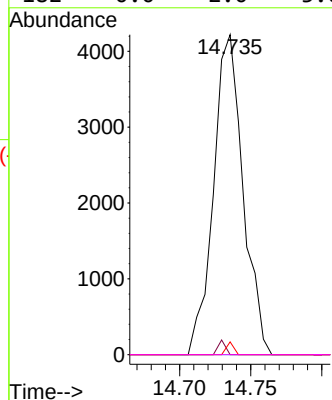
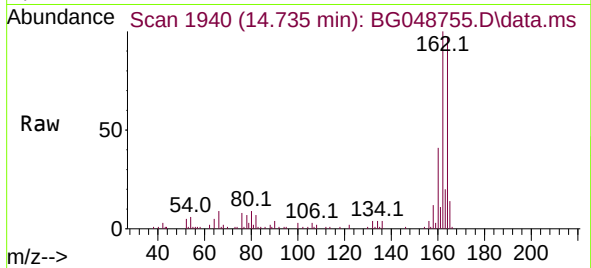




#57
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

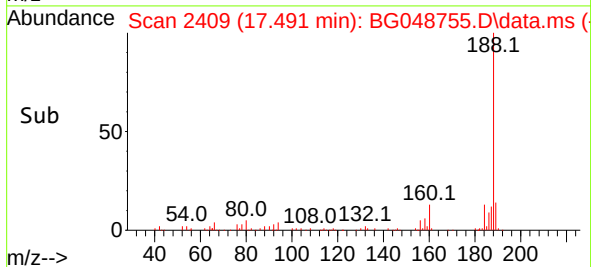
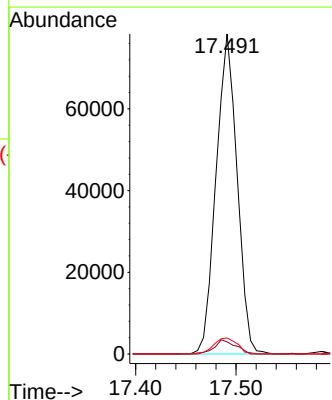
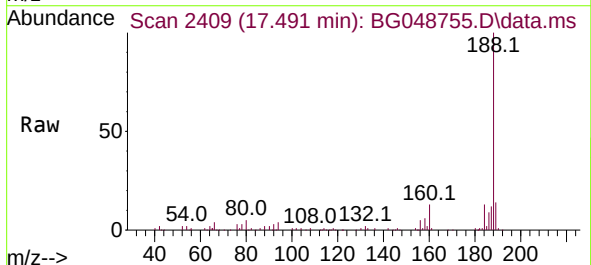
Instrument :
BNA_G
ClientSampled :
TP-3

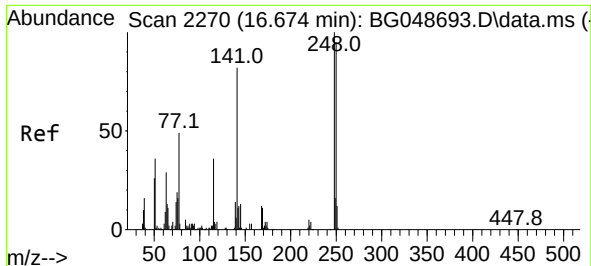
Tgt Ion:165	Resp:	6091
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	4.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:188	Resp:	113590
Ion Ratio	Lower	Upper
188	100	
94	3.8	5.4 8.0#
80	5.0	3.7 5.5

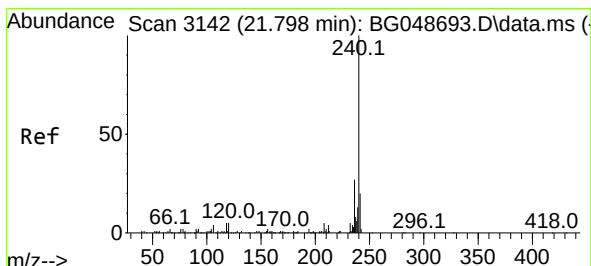
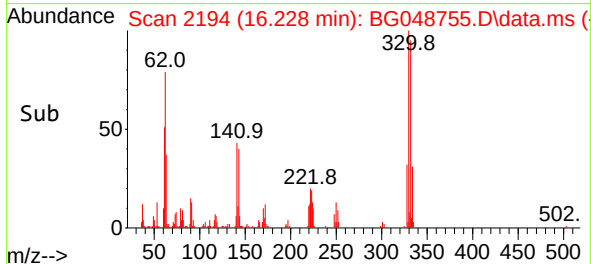
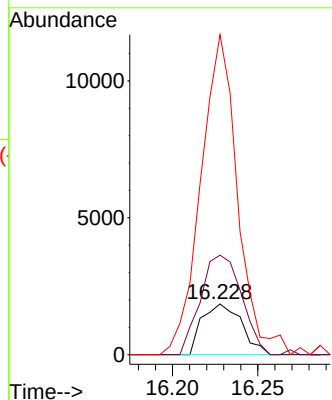
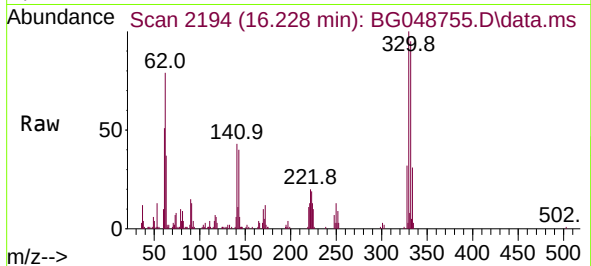




#67
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

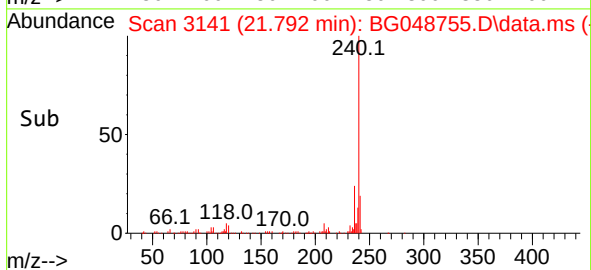
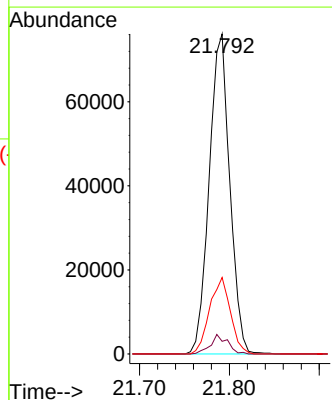
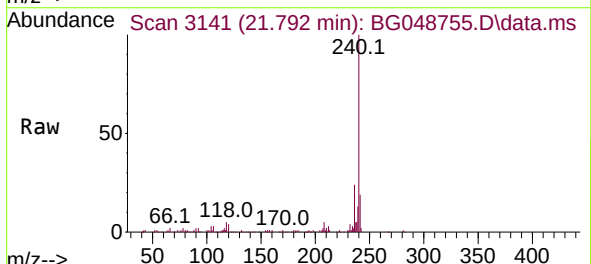
Instrument :
BNA_G
ClientSampled :
TP-3

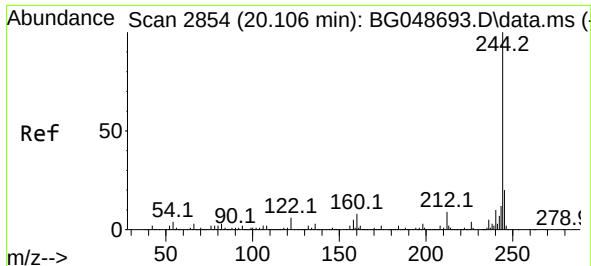
Tgt Ion:248 Resp: 2979
Ion Ratio Lower Upper
248 100
250 238.6 76.1 114.1#
141 631.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:240 Resp: 121110
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 23.9 21.8 32.6

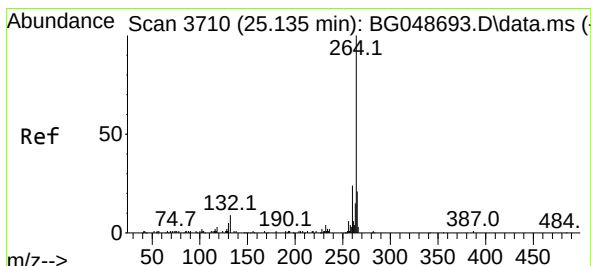
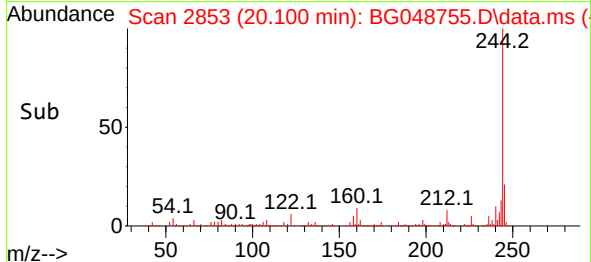
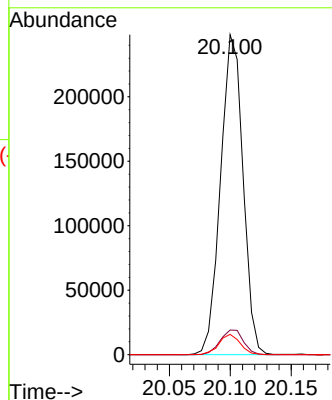
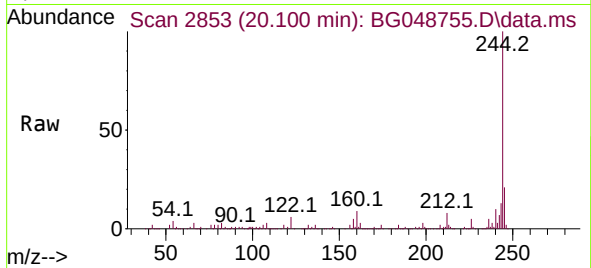




#79
Terphenyl-d14
Concen: 45.22 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion:244 Resp: 318195
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.3 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.129 min Scan# 3709
Delta R.T. -0.013 min
Lab File: BG048755.D
Acq: 17 Apr 2021 15:03

Tgt Ion:264 Resp: 120332
Ion Ratio Lower Upper
264 100
260 22.1 19.4 29.2
265 20.2 16.9 25.3

