

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048819.D
 Acq On : 21 Apr 2021 14:31
 Operator : CG/JU
 Sample : M2090-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SEDGWICK-COMP-4

Quant Time: Apr 21 15:20:20 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)

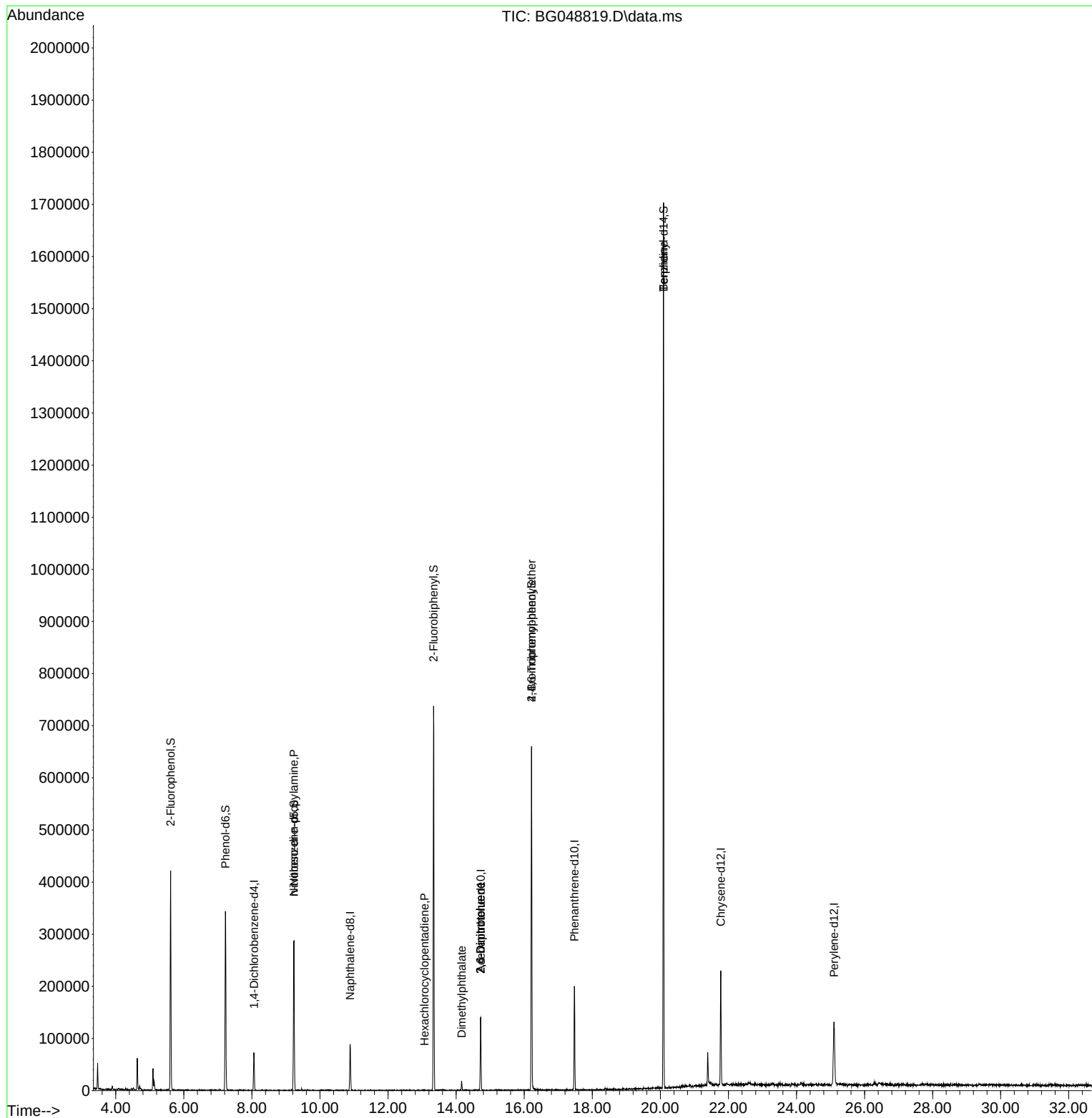
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	18490	20.00	ng	# 0.00
21) Naphthalene-d8	10.888	136	71011	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	48150	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	127057	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	133707	20.00	ng	0.00
86) Perylene-d12	25.101	264	129413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	155479	140.64	ng	0.00
7) Phenol-d6	7.228	99	171707	109.81	ng	0.00
23) Nitrobenzene-d5	9.237	82	165825	104.55	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	107892	167.12	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	357920	107.35	ng	0.00
79) Terphenyl-d14	20.095	244	758443	97.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	27624	26.18	ng	# 66
41) Hexachlorocyclopentadiene	13.074	237	79	5.95	ng	# 31
50) Dimethylphthalate	14.166	163	10023	2.78	ng	96
51) 2,6-Dinitrotoluene	14.719	165	6440	7.73	ng	# 14
57) 2,4-Dinitrotoluene	14.719	165	6440	5.32	ng	# 20
67) 4-Bromophenyl-phenylether	16.217	248	8369	5.72	ng	# 1
77) Benzidine	20.095	184	15530	4.28	ng	# 92

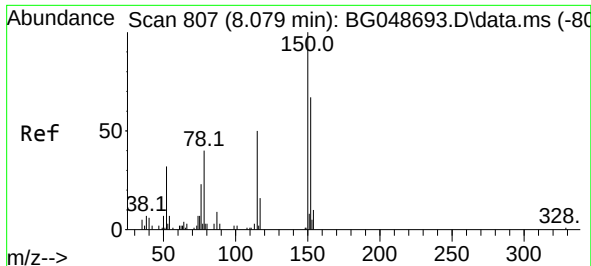
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 15:20:20 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

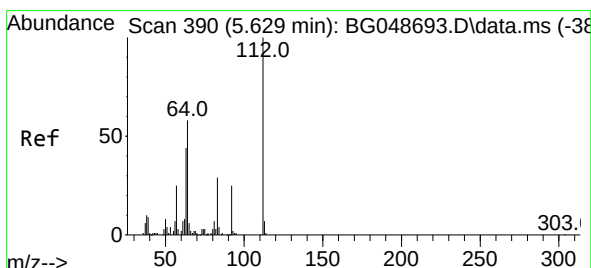
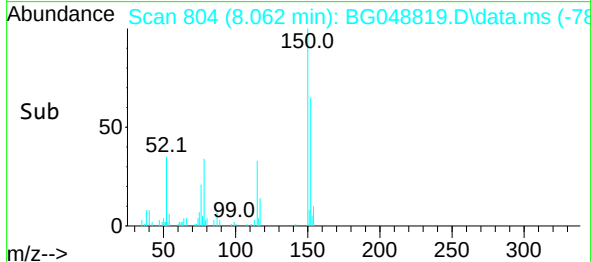
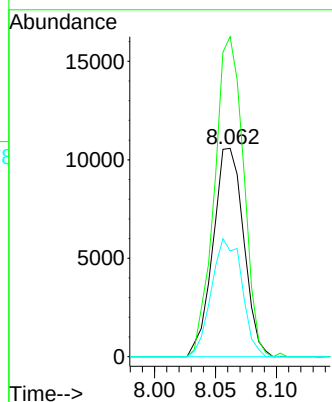
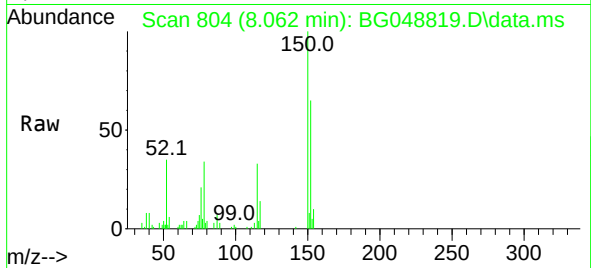




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

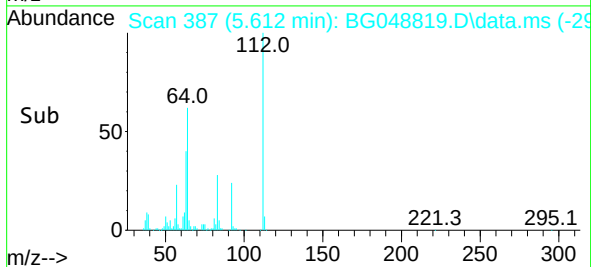
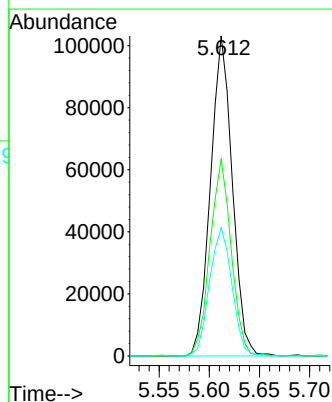
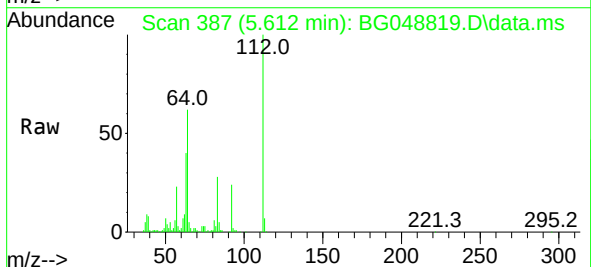
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

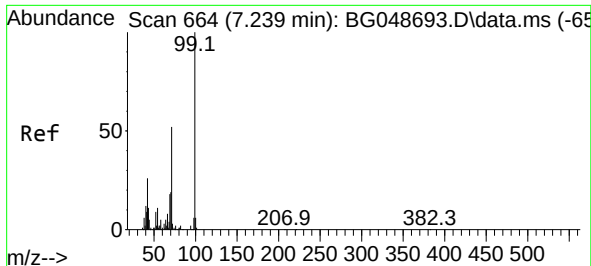
Tgt Ion:152 Resp: 18490
Ion Ratio Lower Upper
152 100
150 153.6 119.4 179.0
115 50.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.64 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:112 Resp: 155479
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 40.1 35.3 52.9

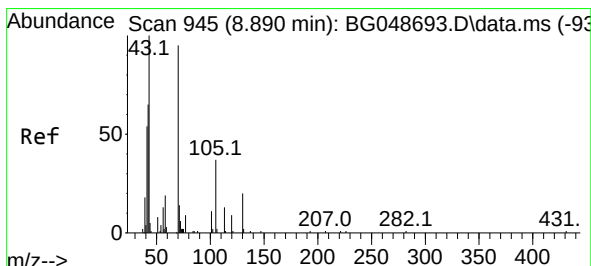
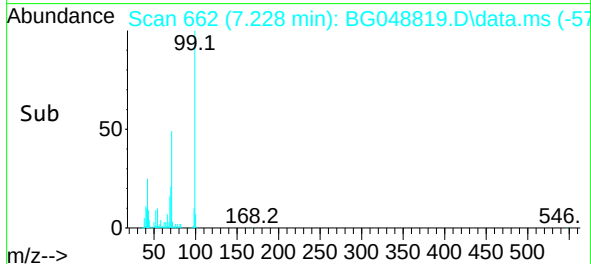
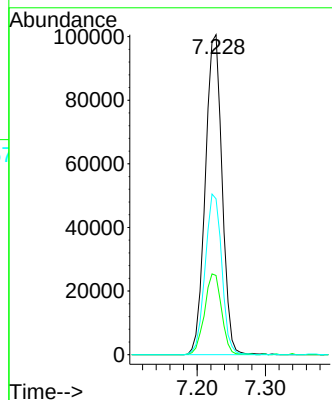
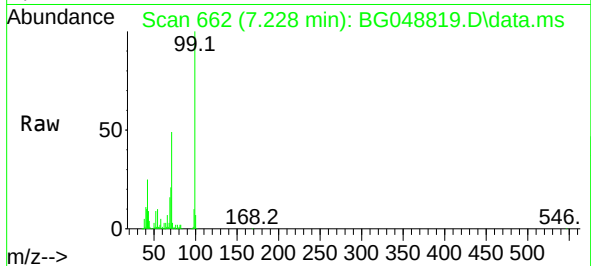




#7
Phenol-d6
Concen: 109.81 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

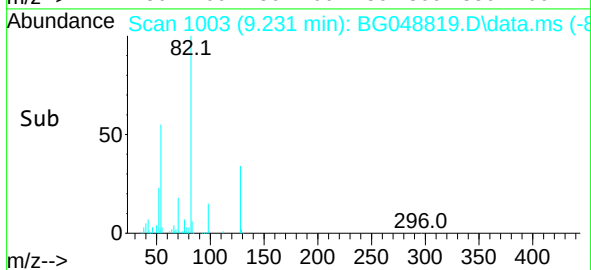
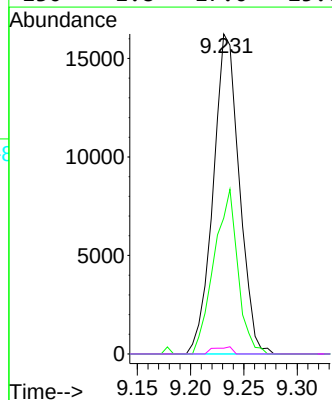
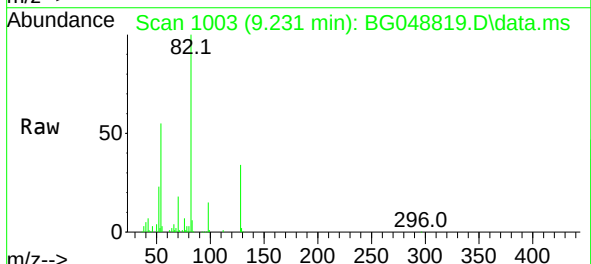
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

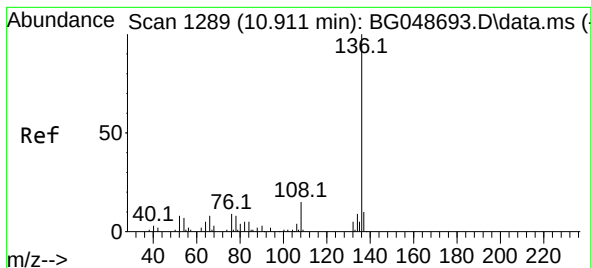
Tgt Ion: 99 Resp: 171707
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 48.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 26.18 ng
RT: 9.231 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion: 70 Resp: 27624
Ion Ratio Lower Upper
70 100
42 42.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

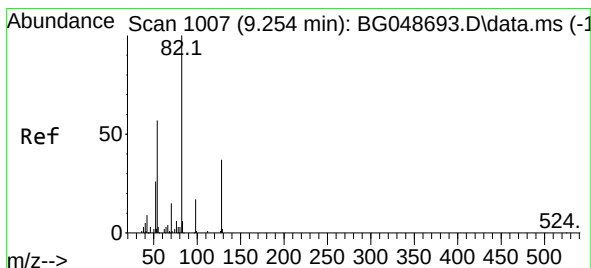
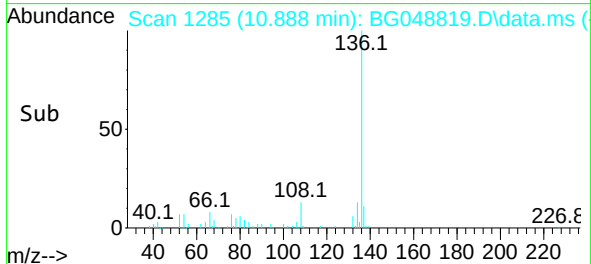
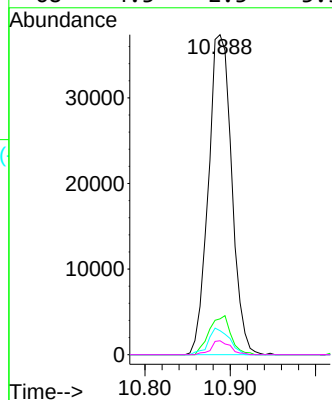
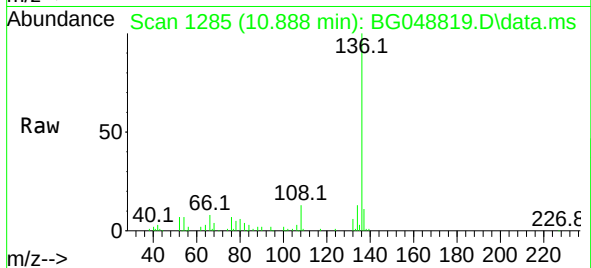




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

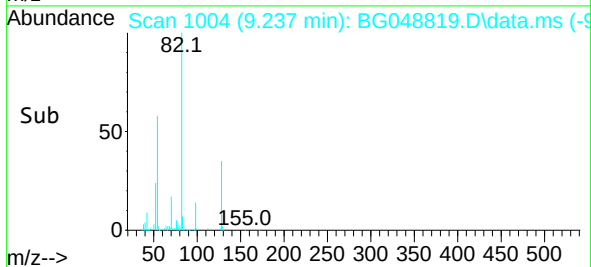
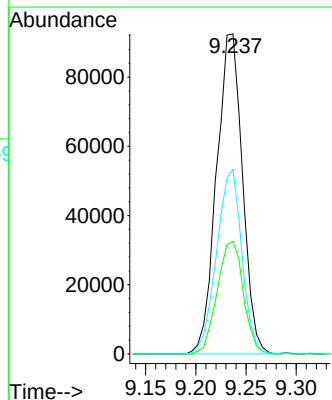
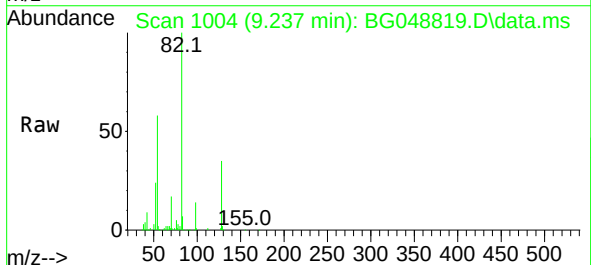
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

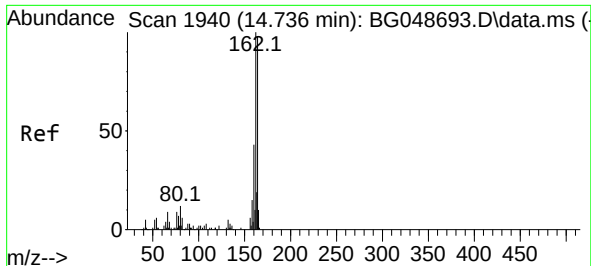
Tgt Ion:	136	Resp:	71011
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	7.5	5.5	8.3
68	4.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 104.55 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:	82	Resp:	165825
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.8	44.6
54	57.6	45.8	68.8

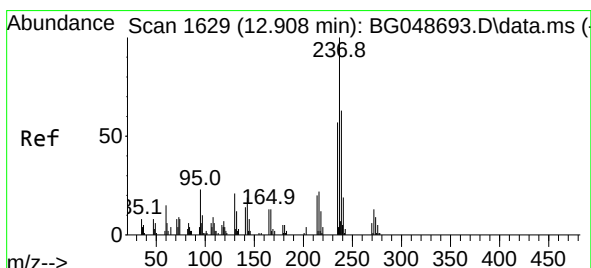
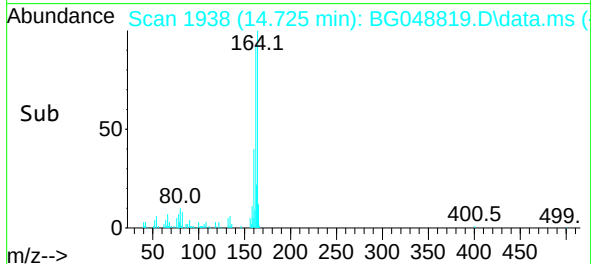
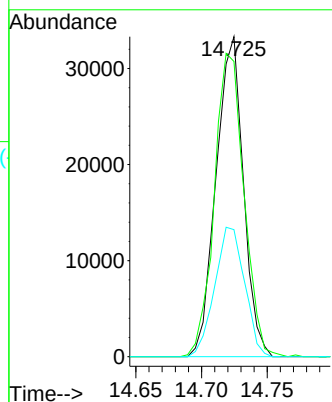
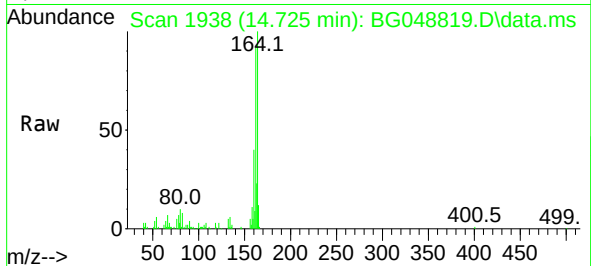




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

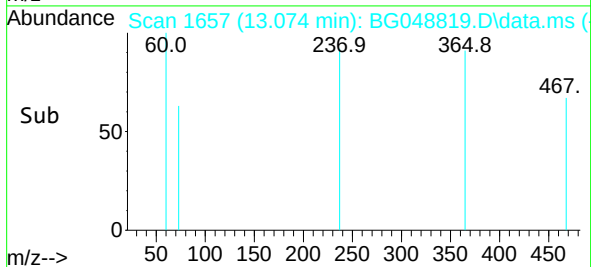
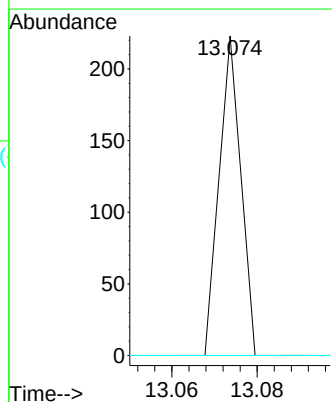
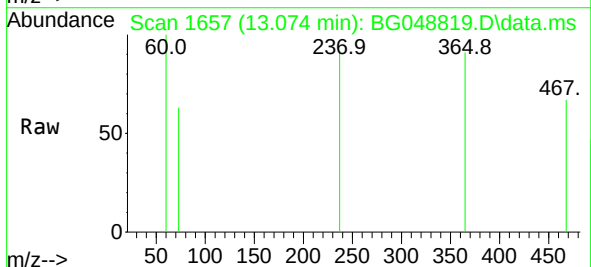
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

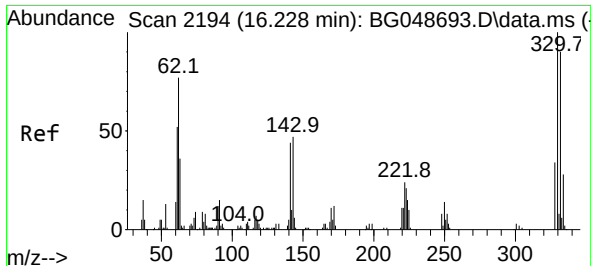
Tgt Ion:164 Resp: 48150
Ion Ratio Lower Upper
164 100
162 92.3 81.4 122.0
160 39.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.95 ng
RT: 13.074 min Scan# 1657
Delta R.T. 0.183 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:237 Resp: 79
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

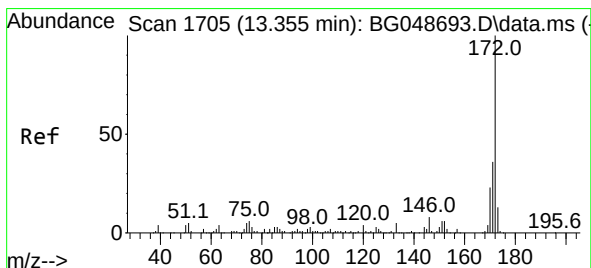
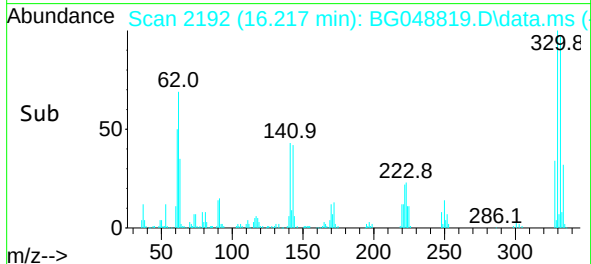
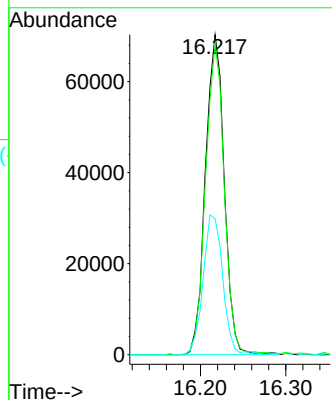
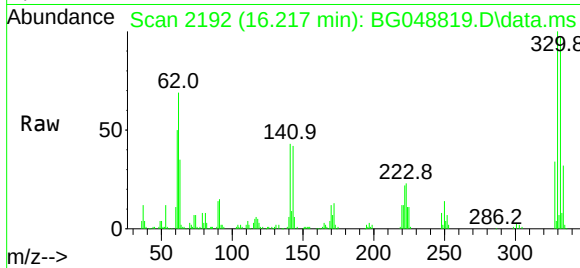




#42
2,4,6-Tribromophenol
Concen: 167.12 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

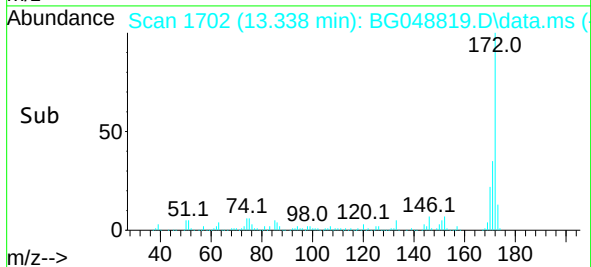
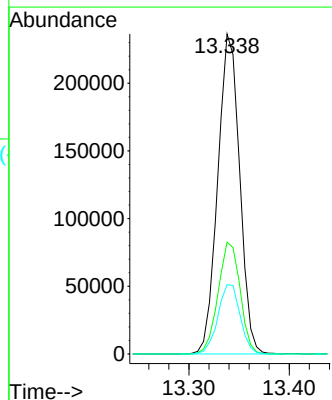
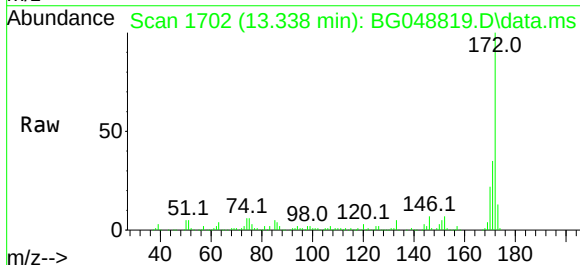
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ClientSampleId :
SEDGWICK-COMP-4

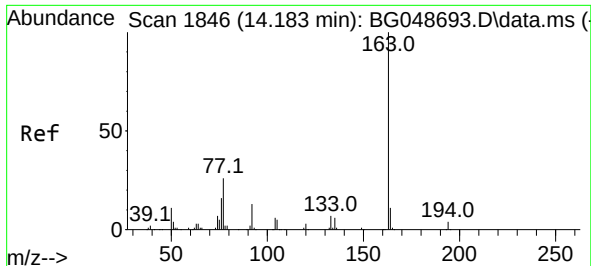
Tgt Ion:330 Resp: 107892
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 45.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 107.35 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:172 Resp: 357920
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 21.7 18.6 27.8

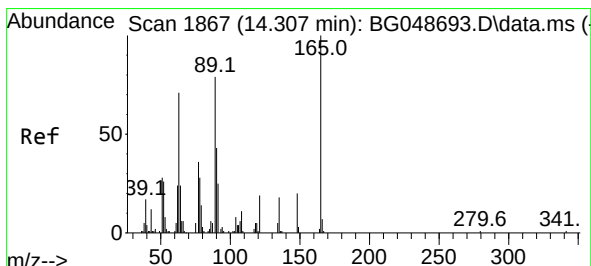
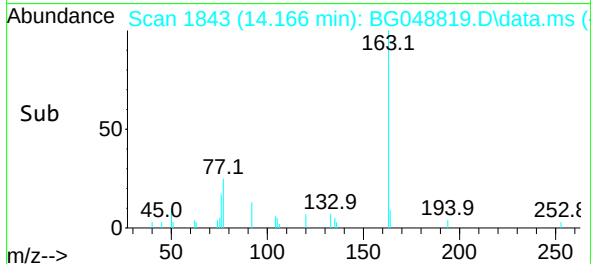
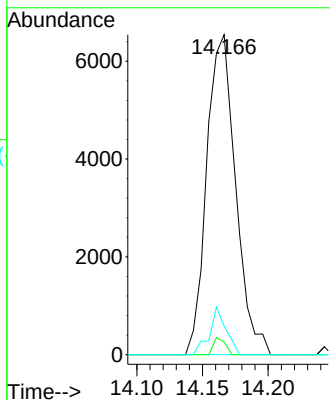
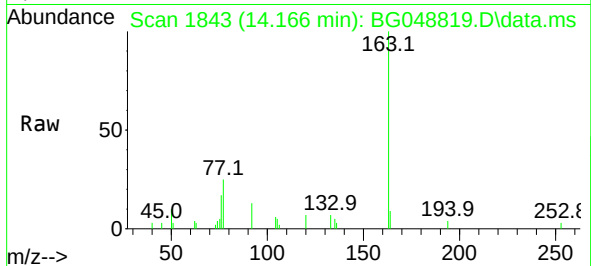




#50
Dimethylphthalate
Concen: 2.78 ng
RT: 14.166 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

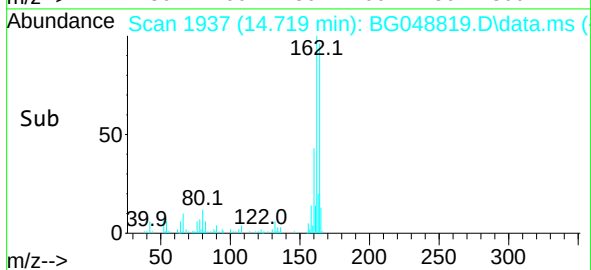
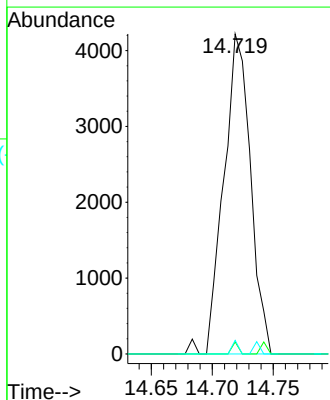
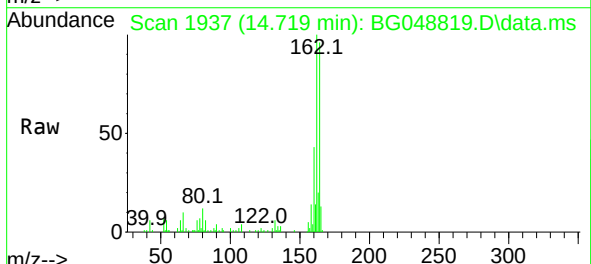
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BNA_G
ClientSampleId :
SEDGWICK-COMP-4

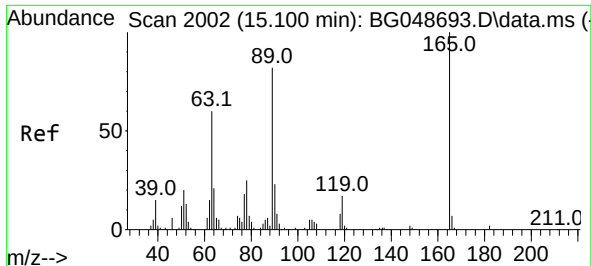
Tgt Ion:163	Resp:	10023
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.6
164	8.9	8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:165	Resp:	6440
Ion Ratio	Lower	Upper
165	100	
63	3.7	63.3 94.9#
89	4.2	63.4 95.0#

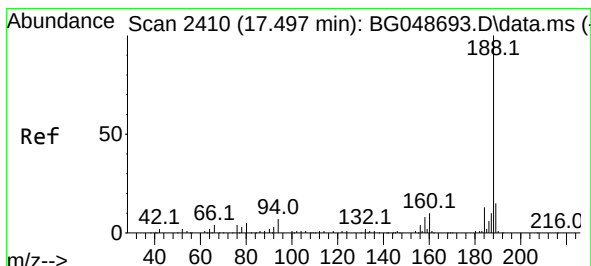
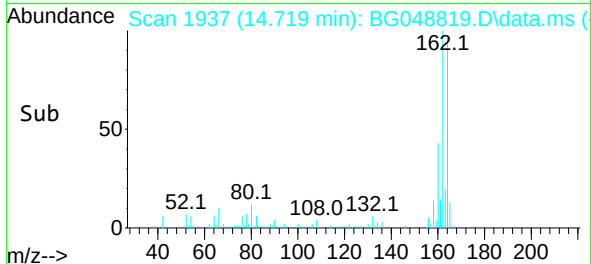
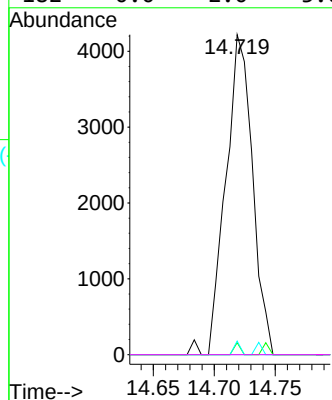
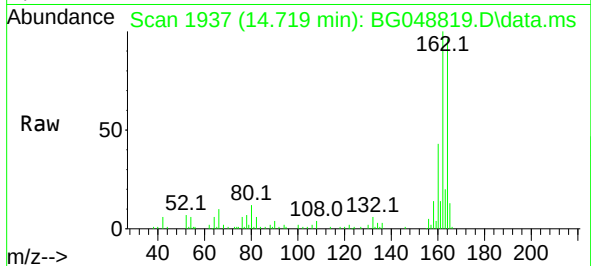




#57
2,4-Dinitrotoluene
Concen: 5.32 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

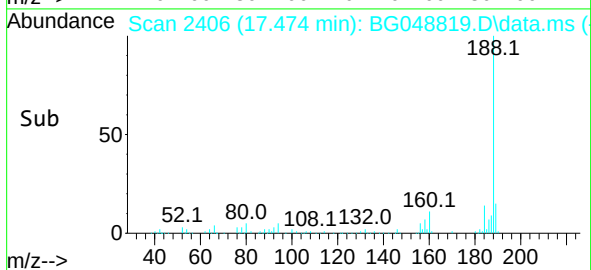
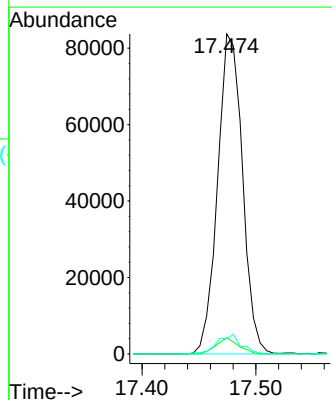
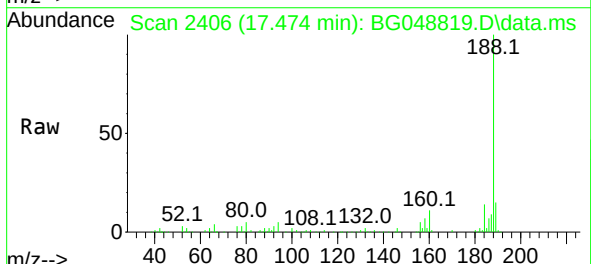
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

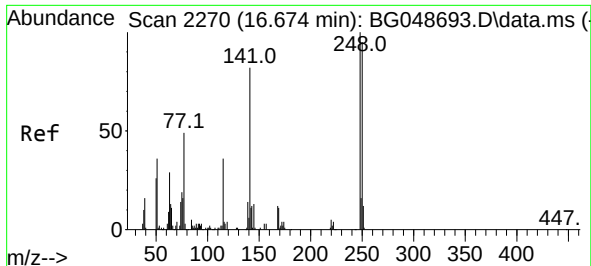
Tgt Ion:165 Resp: 6440
Ion Ratio Lower Upper
165 100
63 3.7 48.0 72.0#
89 4.2 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:188 Resp: 127057
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 4.7 3.7 5.5

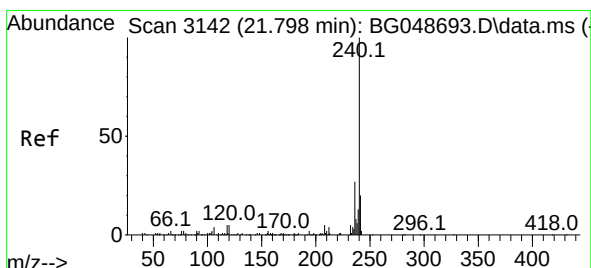
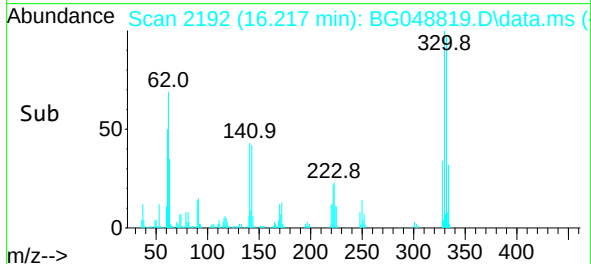
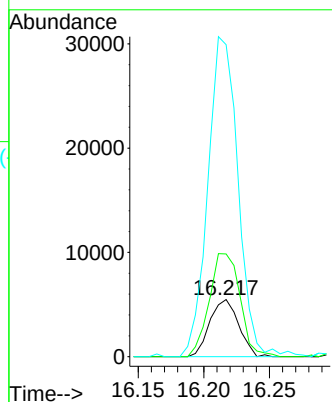
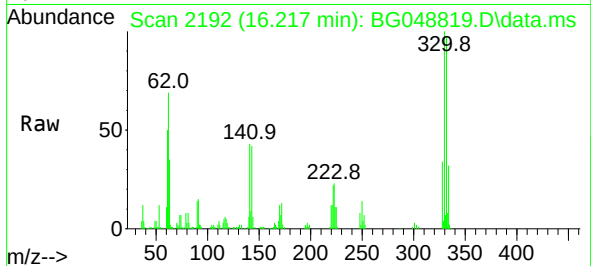




#67
4-Bromophenyl-phenylether
Concen: 5.72 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

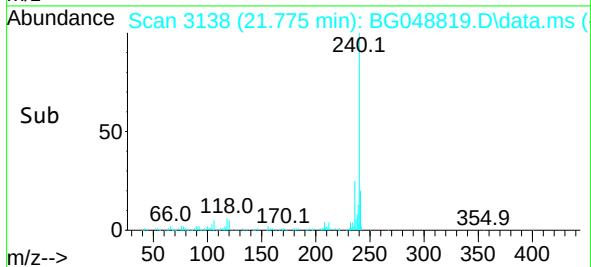
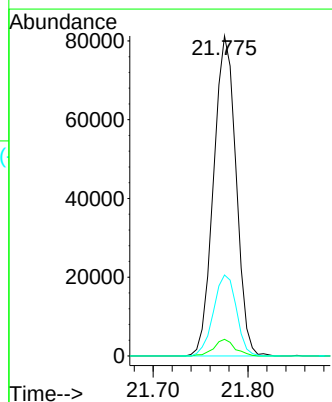
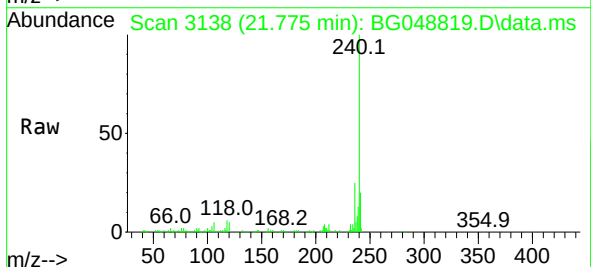
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

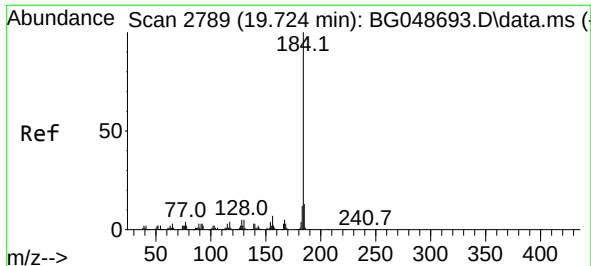
Tgt Ion:248 Resp: 8369
Ion Ratio Lower Upper
248 100
250 146.1 76.1 114.1#
141 443.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:240 Resp: 133707
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.3 21.8 32.6

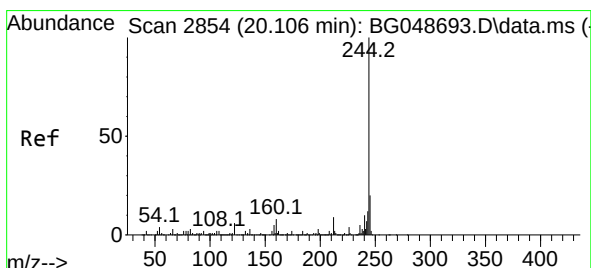
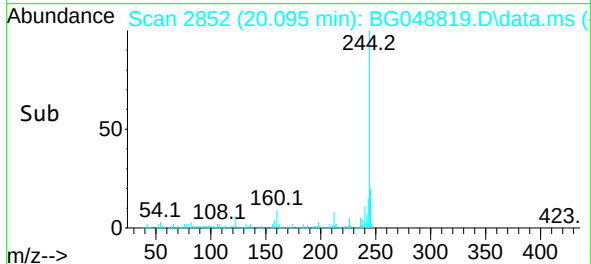
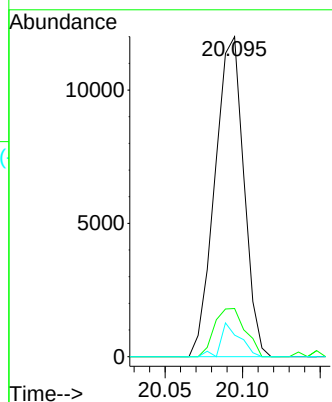
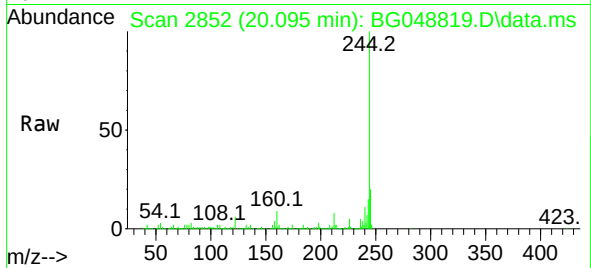




#77
Benzidine
Concen: 4.28 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.383 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

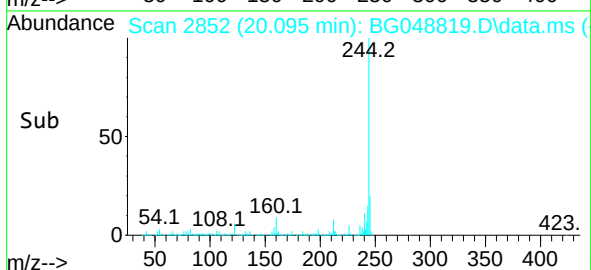
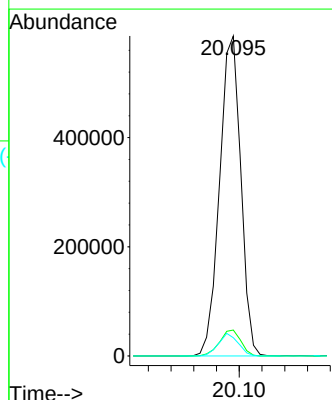
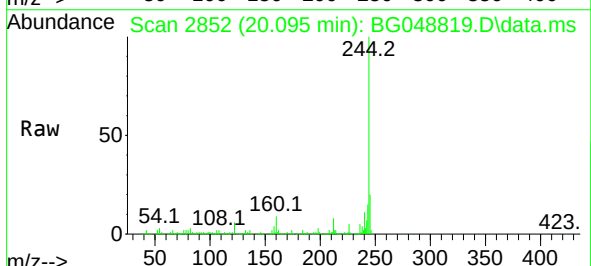
Instrument :
BNA_G
ClientSampleId :
SEDGWICK-COMP-4

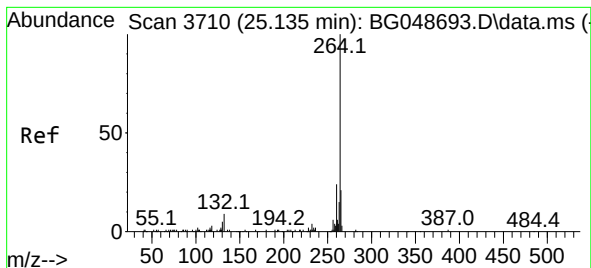
Tgt Ion:184 Resp: 15530
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 97.63 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG048819.D
Acq: 21 Apr 2021 14:31

Tgt Ion:244 Resp: 758443
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 5.7 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: BG048819.D

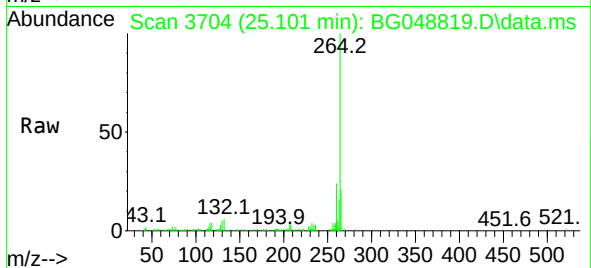
Acq: 21 Apr 2021 14:31

Instrument :

BNA_G

ClientSampleId :

SEDGWICK-COMP-4



Tgt Ion:264 Resp: 129413

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.0 16.9 25.3

