

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061421\  
 Data File : BG048946.D  
 Acq On : 14 Jun 2021 12:40  
 Operator : CG/JU  
 Sample : M2678-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0216-COMP-K(DISCRETE-CL-16)

Quant Time: Jun 14 13:26:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 16:03:10 2021  
 Response via : Initial Calibration

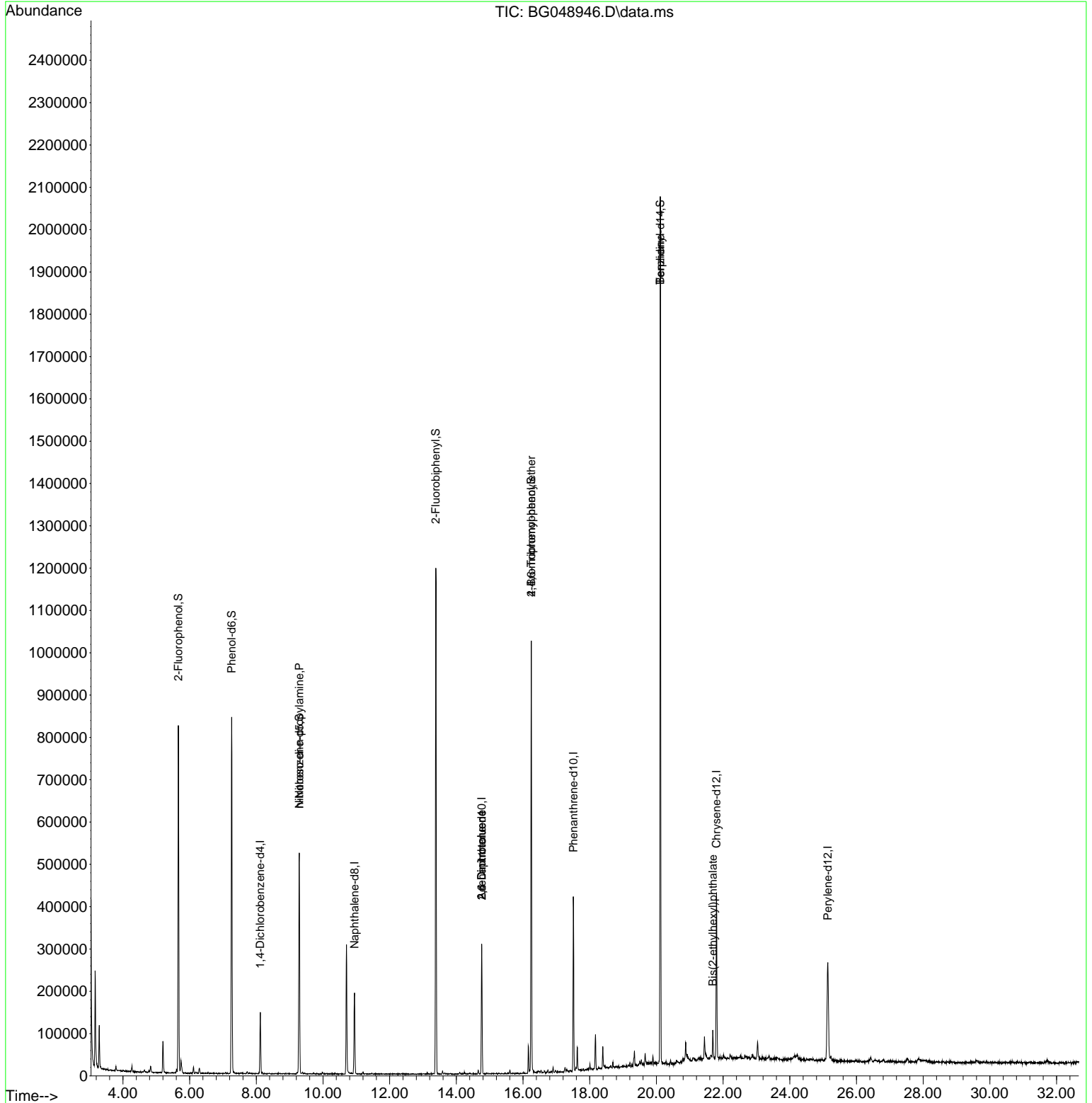
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	36505	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	154115	20.000	ng	# 0.00
39) Acenaphthene-d10	14.758	164	114150	20.000	ng	0.00
64) Phenanthrene-d10	17.508	188	258611	20.000	ng	# 0.00
76) Chrysene-d12	21.803	240	251268	20.000	ng	-0.01
86) Perylene-d12	25.135	264	261512	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	316950	135.157	ng	0.00
7) Phenol-d6	7.261	99	435399	123.876	ng	0.00
23) Nitrobenzene-d5	9.288	82	311283	87.094	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	188364	111.379	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	627174	77.616	ng	0.00
79) Terphenyl-d14	20.117	244	958587	69.868	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.288	70	46664	16.985	ng	# 76
51) 2,6-Dinitrotoluene	14.758	165	15337	8.470	ng	# 12
57) 2,4-Dinitrotoluene	14.758	165	15337	6.895	ng	# 17
67) 4-Bromophenyl-phenylether	16.245	248	12293	3.807	ng	# 1
77) Benzidine	20.117	184	18544	3.664	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.692	149	23521	2.398	ng	# 98

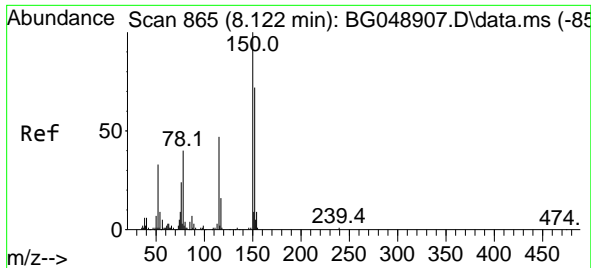
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061421\  
 Data File : BG048946.D  
 Acq On : 14 Jun 2021 12:40  
 Operator : CG/JU  
 Sample : M2678-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 0216-COMP-K(DISCRETE-CL-16)

Quant Time: Jun 14 13:26:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
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 QLast Update : Fri Jun 11 16:03:10 2021  
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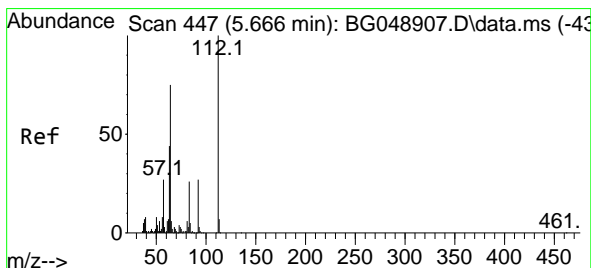
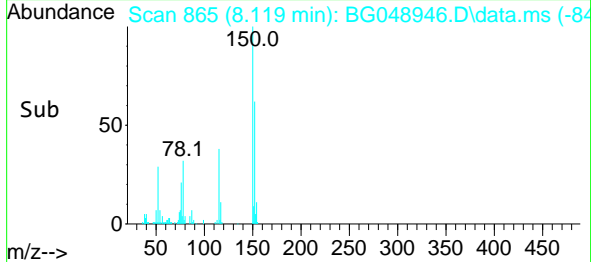
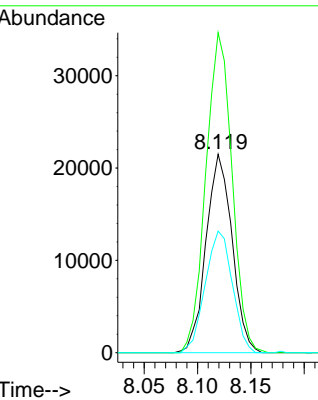
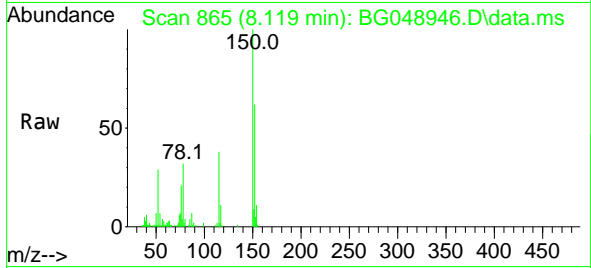




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.119 min Scan# 865  
 Delta R.T. -0.003 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

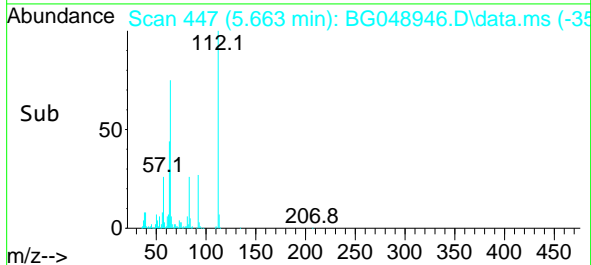
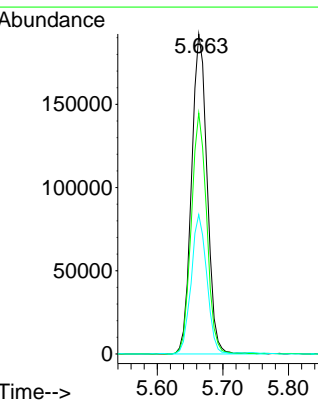
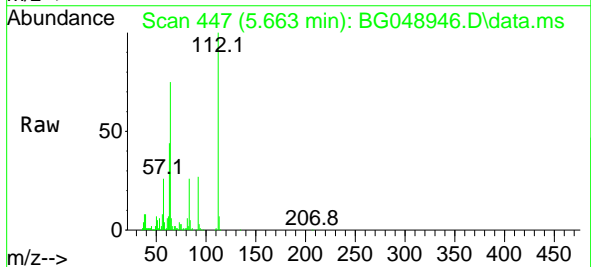
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 0216-COMP-K(DISCRETE-CL-16)

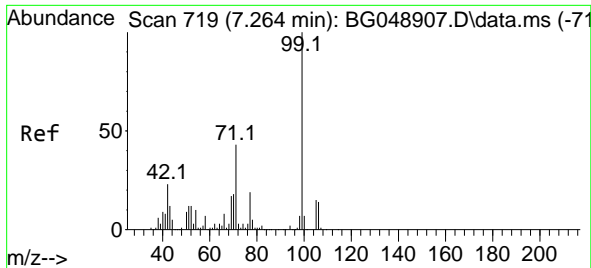
Tgt Ion	Resp	Lower	Upper
152	100		
150	161.3	119.4	179.0
115	61.3	60.2	90.4



#5  
 2-Fluorophenol  
 Concen: 135.157 ng  
 RT: 5.663 min Scan# 447  
 Delta R.T. -0.003 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

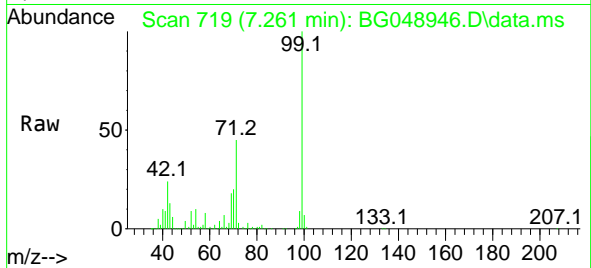
Tgt Ion	Resp	Lower	Upper
112	100		
64	75.3	46.7	70.1#
63	43.6	35.3	52.9



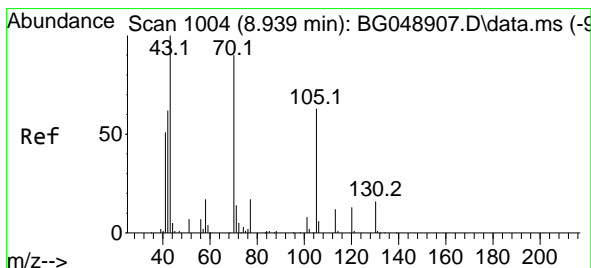
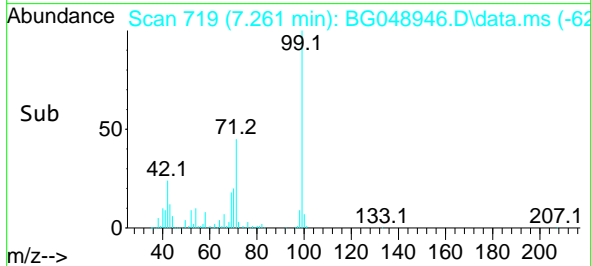
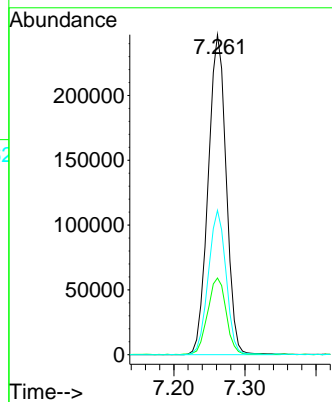


#7  
Phenol-d6  
Concen: 123.876 ng  
RT: 7.261 min Scan# 719  
Delta R.T. -0.003 min  
Lab File: BG048946.D  
Acq: 14 Jun 2021 12:40

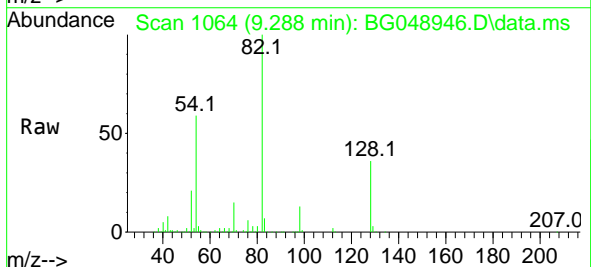
Instrument :  
BNA\_G  
ClientSampleId :  
0216-COMP-K(DISCRETE-CL-16)



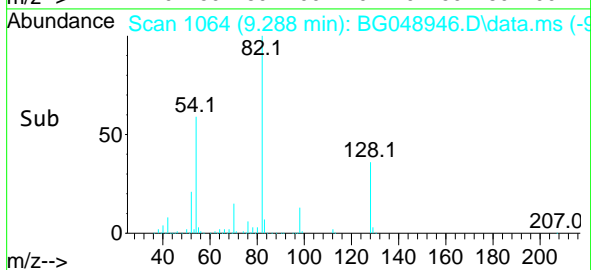
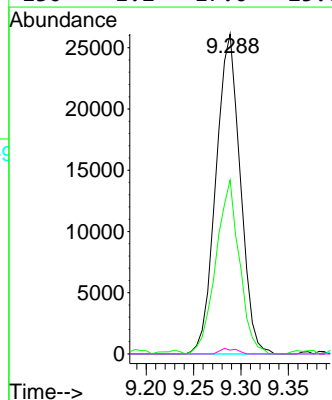
Tgt Ion: 99 Resp: 435399  
Ion Ratio Lower Upper  
99 100  
42 23.9 20.5 30.7  
71 45.1 41.5 62.3

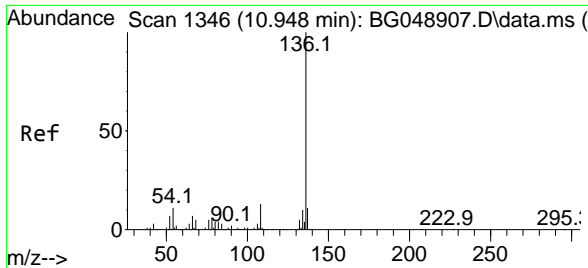


#19  
n-Nitroso-di-n-propylamine  
Concen: 16.985 ng  
RT: 9.288 min Scan# 1064  
Delta R.T. 0.350 min  
Lab File: BG048946.D  
Acq: 14 Jun 2021 12:40



Tgt Ion: 70 Resp: 46664  
Ion Ratio Lower Upper  
70 100  
42 54.4 54.5 81.7#  
101 0.0 9.0 13.6#  
130 1.2 17.0 25.6#

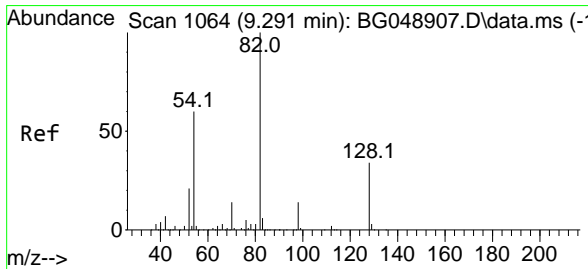
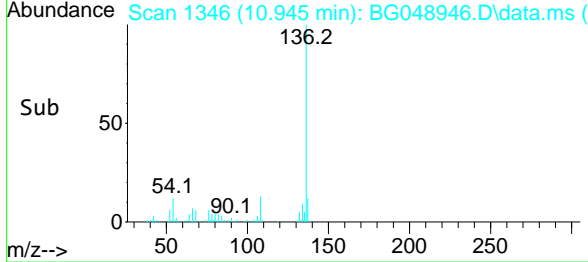
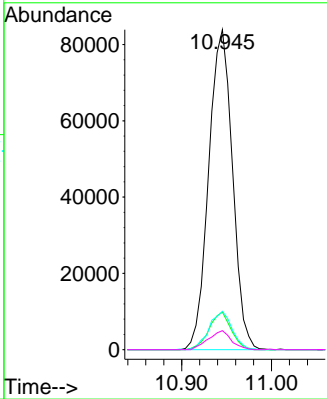
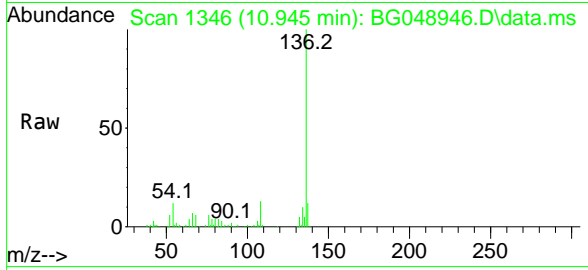




#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.945 min Scan# 1346  
 Delta R.T. -0.003 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

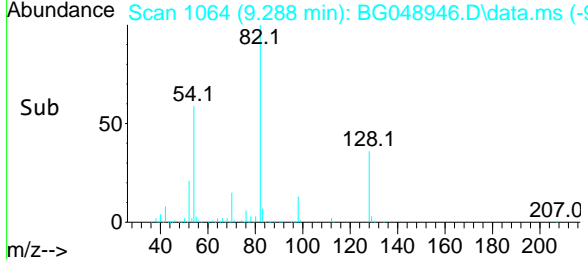
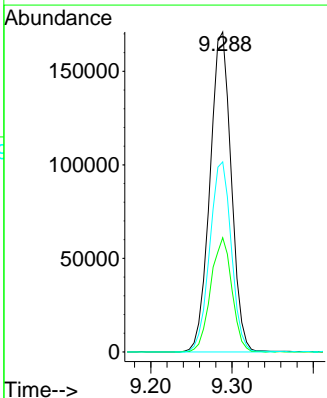
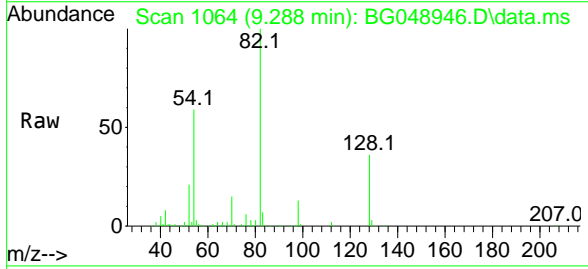
**Instrument :**  
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**ClientSampleId :**  
 0216-COMP-K(DISCRETE-CL-16)

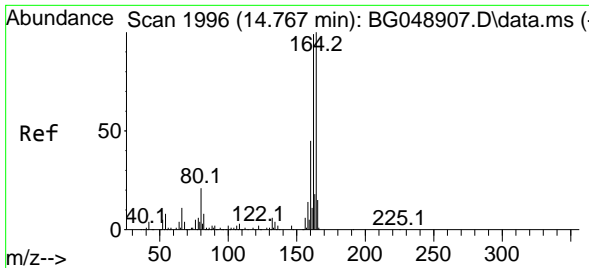
Tgt Ion	Resp	Lower	Upper
136	154115		
137	11.7	8.2	12.2
54	12.0	5.5	8.3#
68	6.0	2.3	3.5#



#23  
 Nitrobenzene-d5  
 Concen: 87.094 ng  
 RT: 9.288 min Scan# 1064  
 Delta R.T. -0.003 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion	Resp	Lower	Upper
82	311283		
128	35.7	29.8	44.6
54	59.4	45.8	68.8

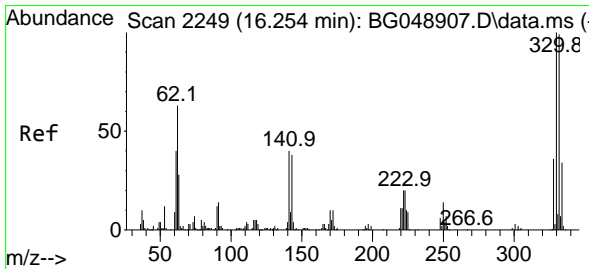
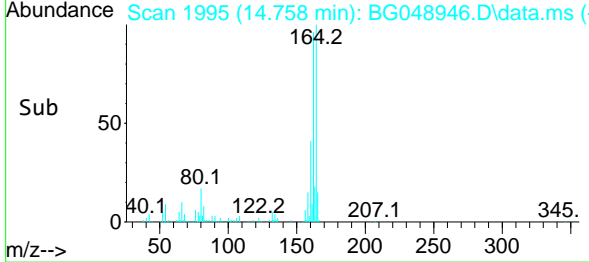
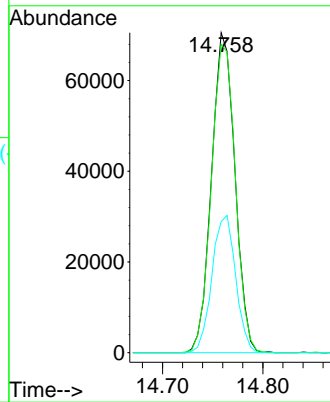
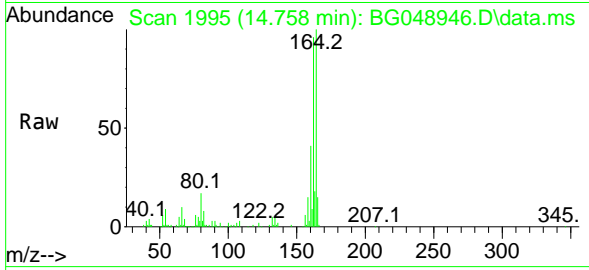




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.758 min Scan# 1995  
 Delta R.T. -0.009 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

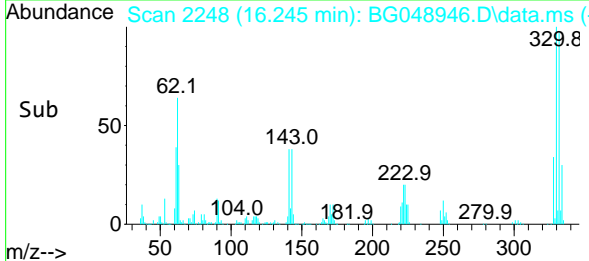
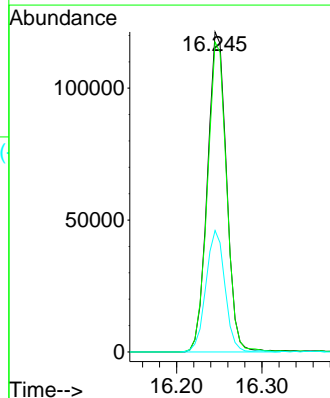
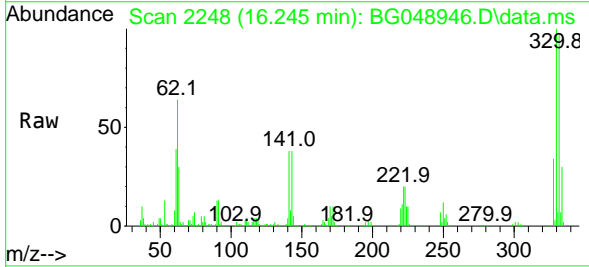
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 0216-COMP-K(DISCRETE-CL-16)

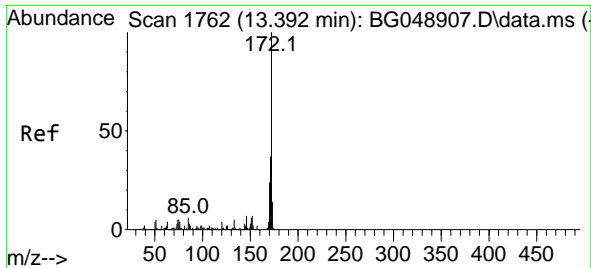
Tgt Ion:164 Resp: 114150  
 Ion Ratio Lower Upper  
 164 100  
 162 96.3 81.4 122.0  
 160 41.0 34.9 52.3



#42  
 2,4,6-Tribromophenol  
 Concen: 111.379 ng  
 RT: 16.245 min Scan# 2248  
 Delta R.T. -0.009 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion:330 Resp: 188364  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.3 115.9  
 141 37.7 35.6 53.4



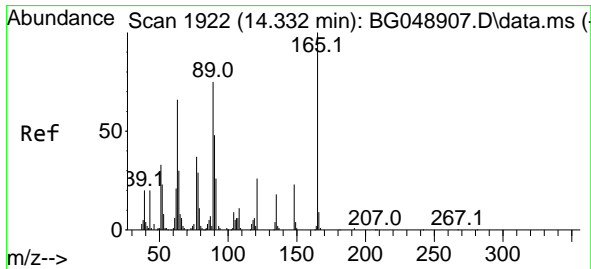
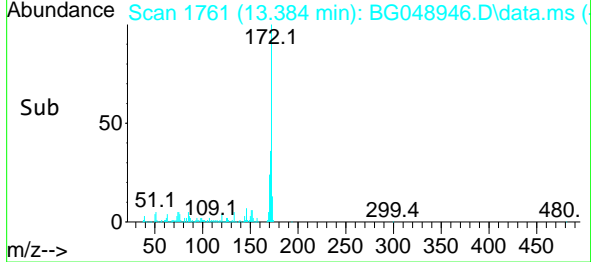
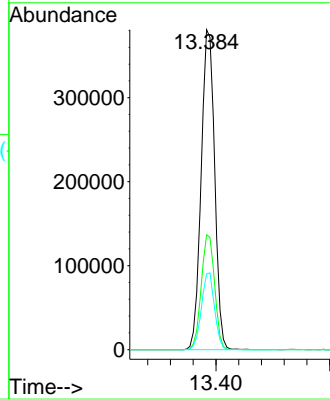
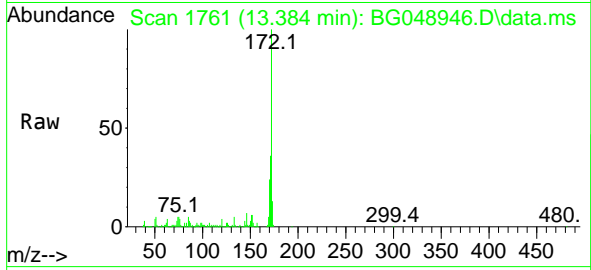


#45  
 2-Fluorobiphenyl  
 Concen: 77.616 ng  
 RT: 13.384 min Scan# 1761  
 Delta R.T. -0.008 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 0216-COMP-K(DISCRETE-CL-16)

Tgt Ion:172 Resp: 627174

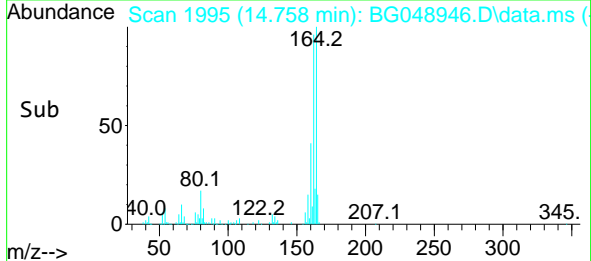
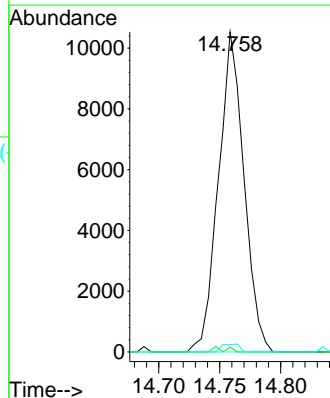
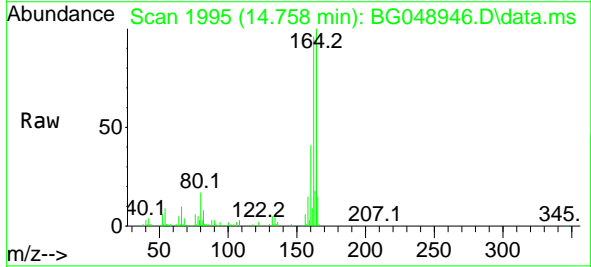
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	18.6	27.8

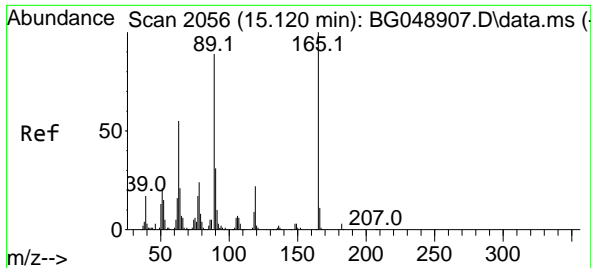


#51  
 2,6-Dinitrotoluene  
 Concen: 8.470 ng  
 RT: 14.758 min Scan# 1995  
 Delta R.T. 0.426 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion:165 Resp: 15337

Ion	Ratio	Lower	Upper
165	100		
63	1.5	63.3	94.9#
89	2.3	63.4	95.0#

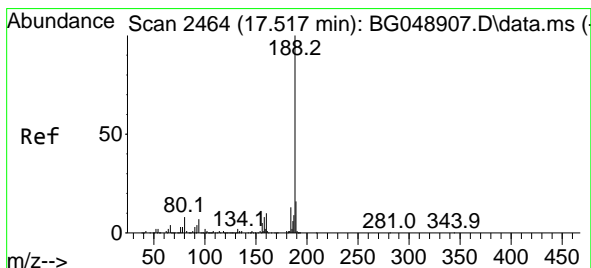
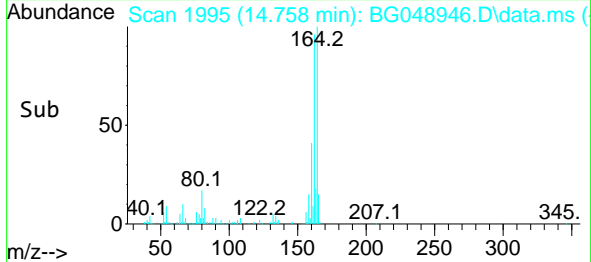
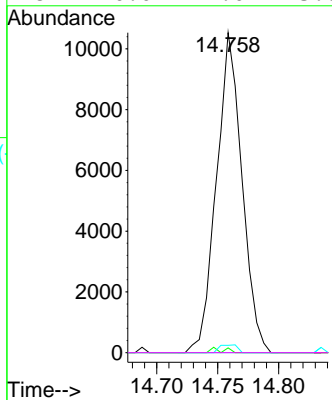
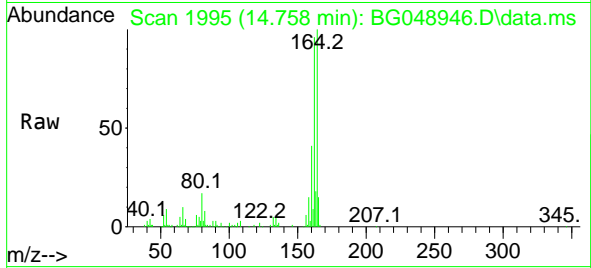




#57  
 2,4-Dinitrotoluene  
 Concen: 6.895 ng  
 RT: 14.758 min Scan# 1995  
 Delta R.T. -0.361 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

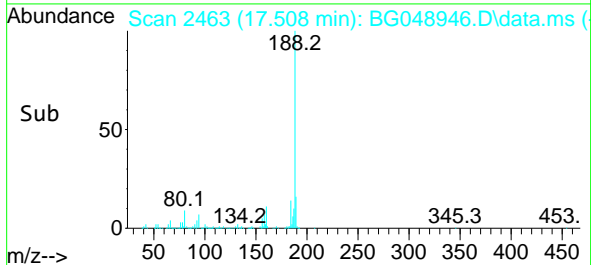
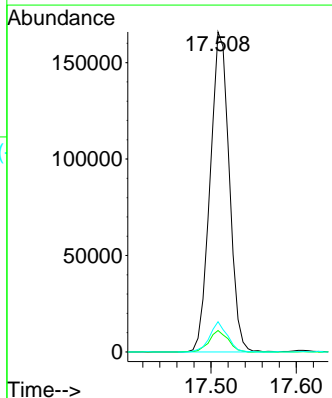
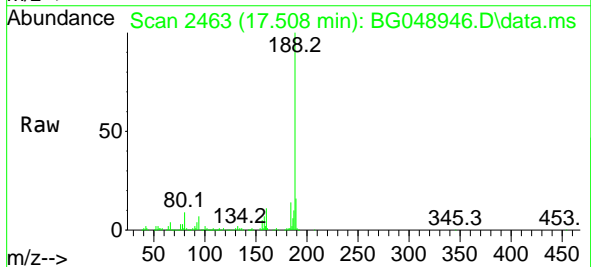
**Instrument :**  
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 0216-COMP-K(DISCRETE-CL-16)

Tgt Ion	Resp	Lower	Upper
165	15337		
63	1.5	48.0	72.0#
89	2.3	65.4	98.0#
182	0.0	2.0	3.0#

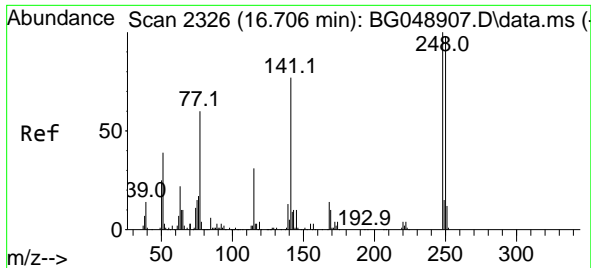


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.508 min Scan# 2463  
 Delta R.T. -0.009 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion	Resp	Lower	Upper
188	258611		
94	6.7	5.4	8.0
80	9.5	3.7	5.5#



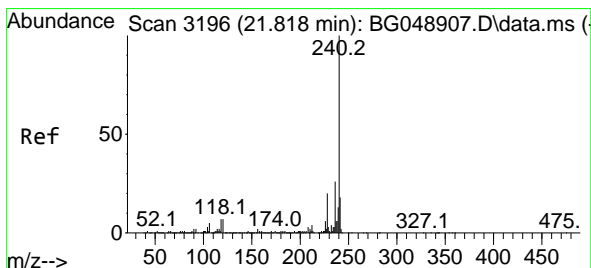
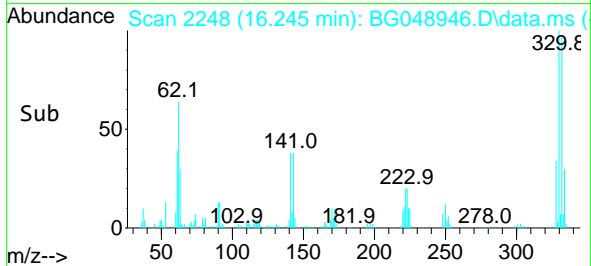
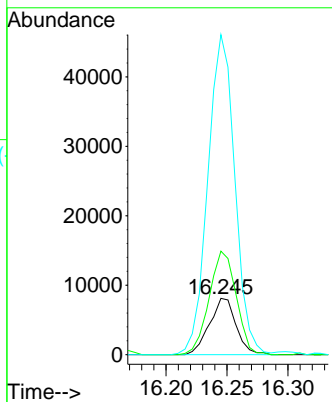
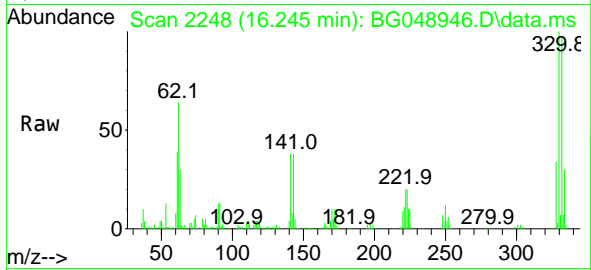




#67  
 4-Bromophenyl-phenylether  
 Concen: 3.807 ng  
 RT: 16.245 min Scan# 2248  
 Delta R.T. -0.461 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

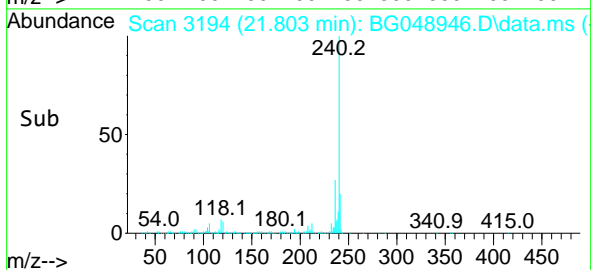
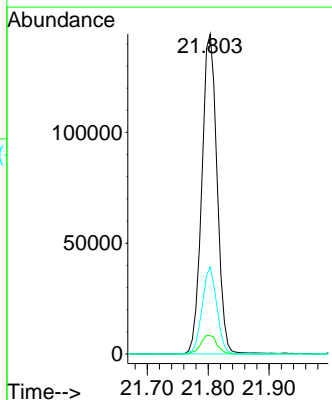
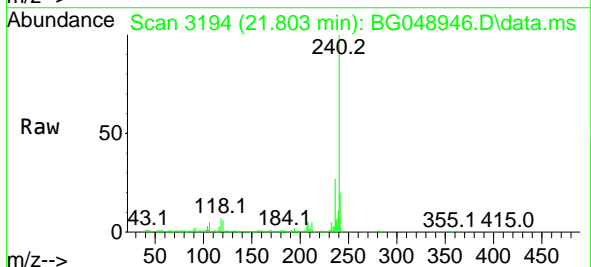
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 0216-COMP-K(DISCRETE-CL-16)

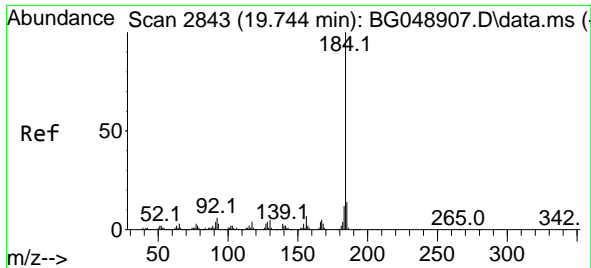
Tgt Ion	Resp	Lower	Upper
248	100		
250	183.8	76.1	114.1#
141	568.2	65.4	98.2#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.803 min Scan# 3194  
 Delta R.T. -0.015 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion	Resp	Lower	Upper
240	100		
120	5.7	4.2	6.2
236	27.2	21.8	32.6

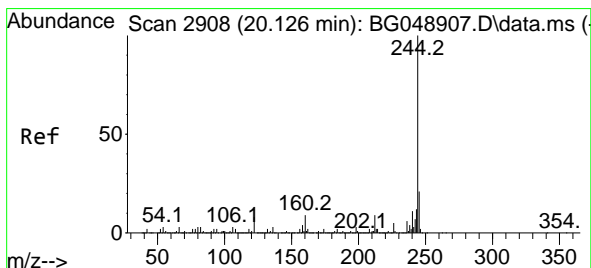
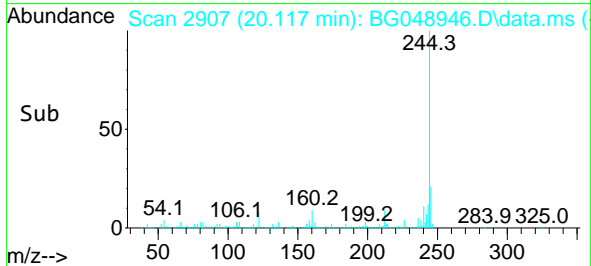
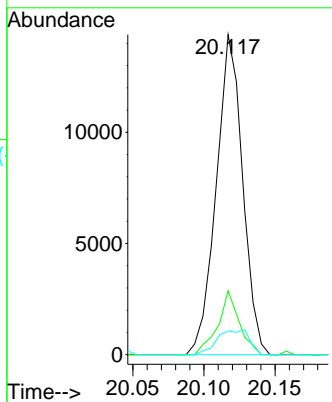
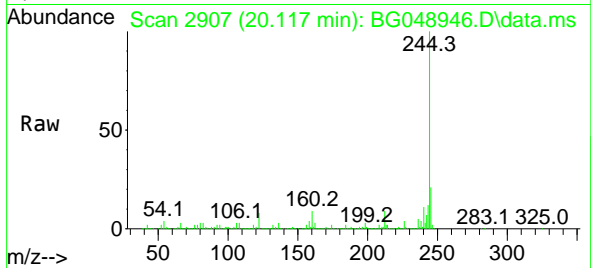




#77  
 Benzidine  
 Concen: 3.664 ng  
 RT: 20.117 min Scan# 2907  
 Delta R.T. 0.373 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

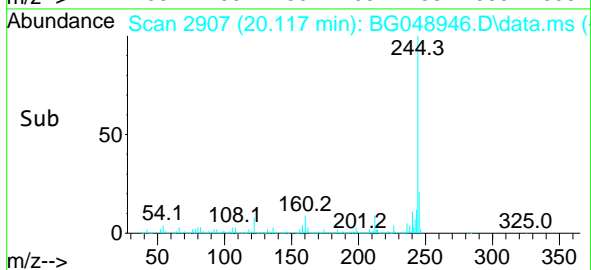
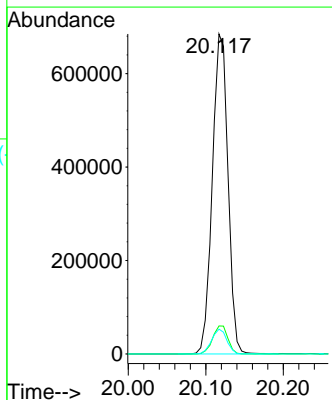
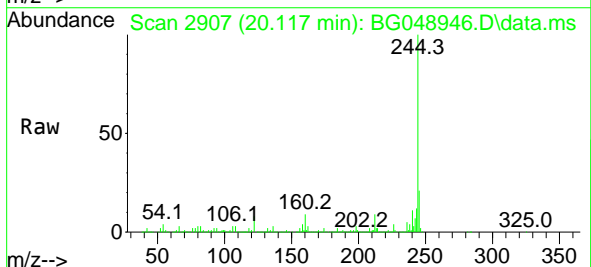
**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 0216-COMP-K(DISCRETE-CL-16)

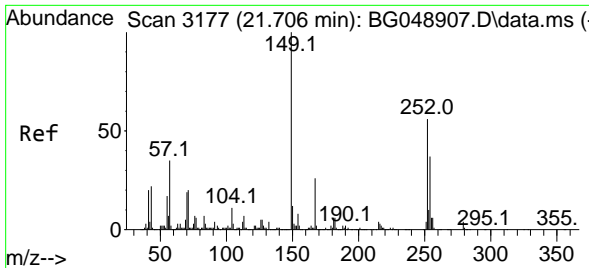
Tgt Ion	Resp	Lower	Upper
184	18544		
185	19.9	10.7	16.1#
183	7.4	9.4	14.0#



#79  
 Terphenyl-d14  
 Concen: 69.868 ng  
 RT: 20.117 min Scan# 2907  
 Delta R.T. -0.009 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion	Resp	Lower	Upper
244	958587		
212	8.7	6.9	10.3
122	7.8	5.0	7.6#

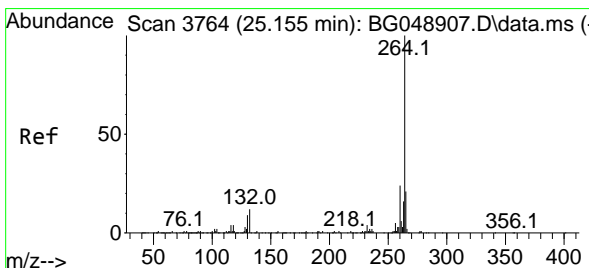
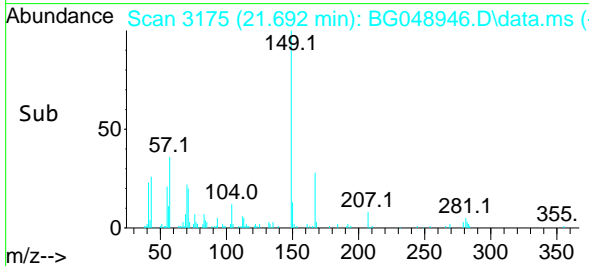
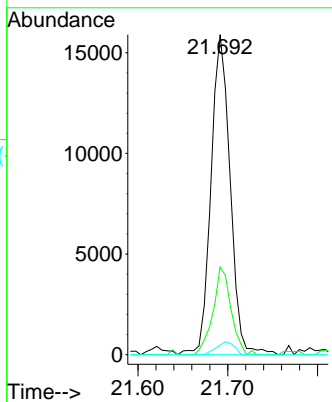
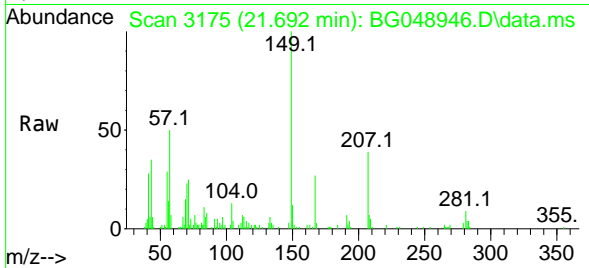




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.398 ng  
 RT: 21.692 min Scan# 3175  
 Delta R.T. -0.015 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 0216-COMP-K(DISCRETE-CL-16)

Tgt Ion	Resp	Lower	Upper
149	100		
167	27.4	22.3	33.5
279	3.0	3.8	5.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.135 min Scan# 3761  
 Delta R.T. -0.021 min  
 Lab File: BG048946.D  
 Acq: 14 Jun 2021 12:40

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.9	16.9	25.3

