

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
 Data File : BG048492.D
 Acq On : 24 Mar 2021 16:57
 Operator : CG/JU
 Sample : M1742-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDWTANK1-20210318

Quant Time: Mar 24 17:41:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:36:47 2021
 Response via : Initial Calibration

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

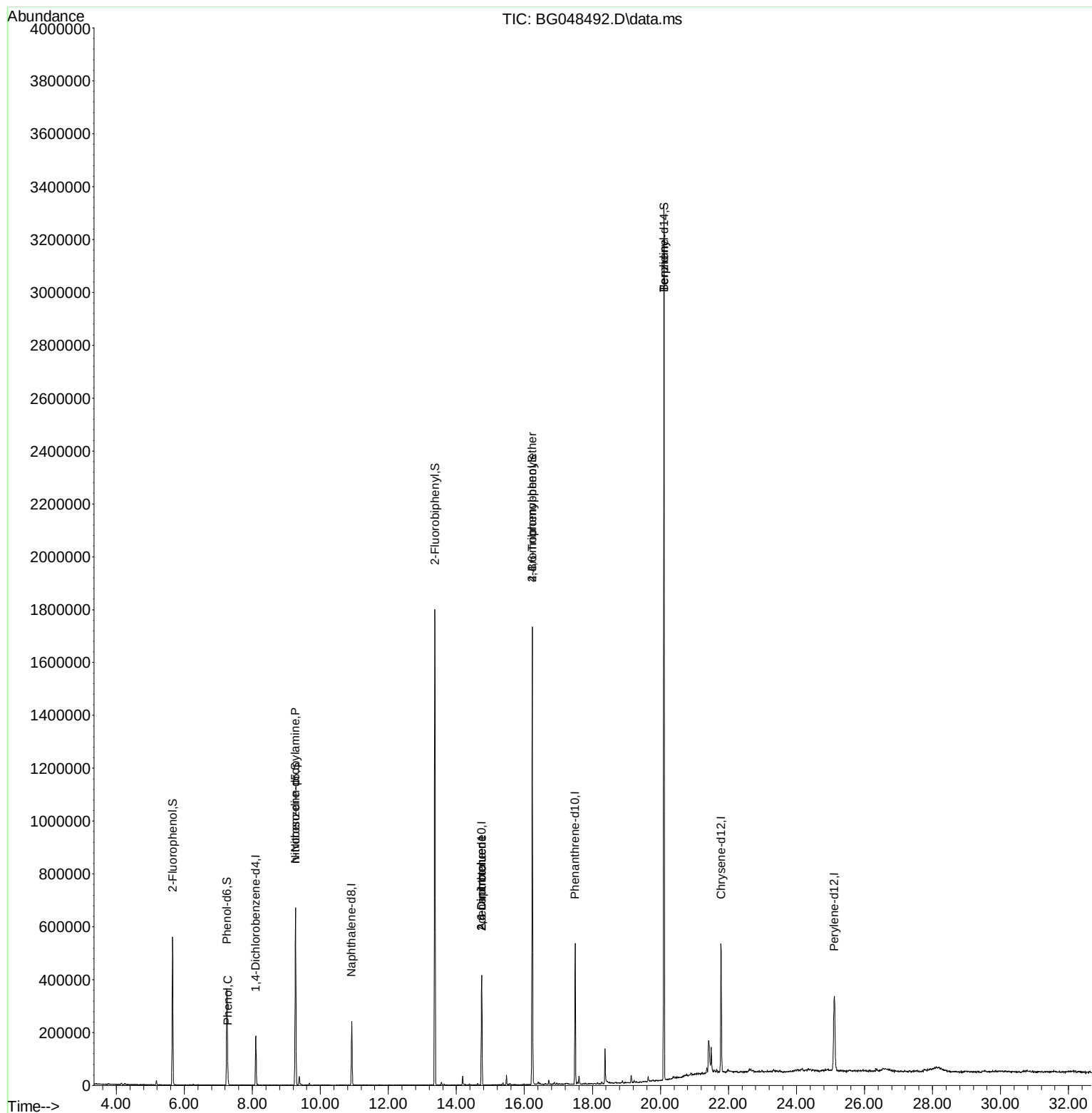
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	48663	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	188282	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	143799	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	322134	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	296824	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	309012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	218183	74.14	ng	0.00
7) Phenol-d6	7.250	99	182032	42.51	ng	0.00
23) Nitrobenzene-d5	9.272	82	426512	90.57	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	323639	138.39	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	882855	88.32	ng	0.00
79) Terphenyl-d14	20.100	244	1492057	90.65	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	690	Below Cal	#	1
10) Phenol	7.280	94	19095	4.35	ng	76
19) n-Nitroso-di-n-propyla...	9.272	70	62257	19.59	ng	# 77
51) 2,6-Dinitrotoluene	14.742	165	17268	6.86	ng	# 34
57) 2,4-Dinitrotoluene	14.742	165	17268	4.83	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	20887	5.15	ng	# 1
77) Benzidine	20.100	184	30852	3.47	ng	# 95

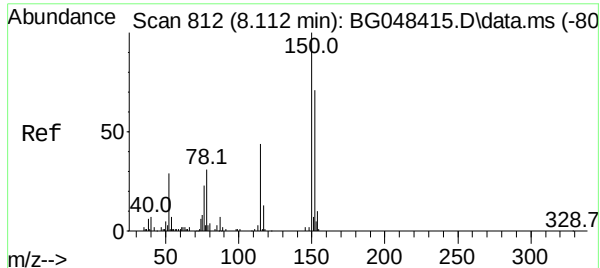
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

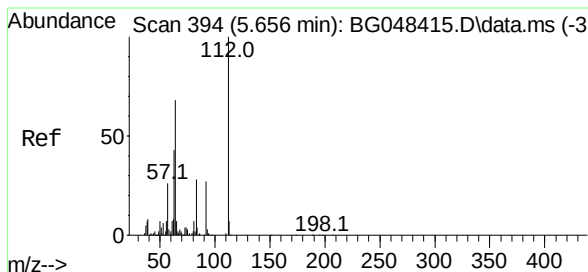
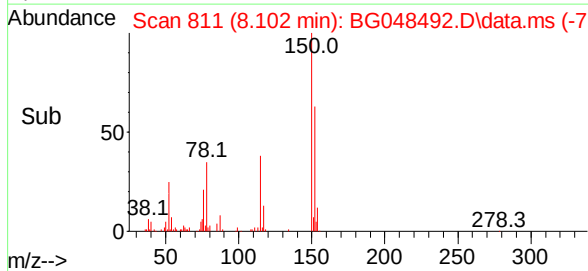
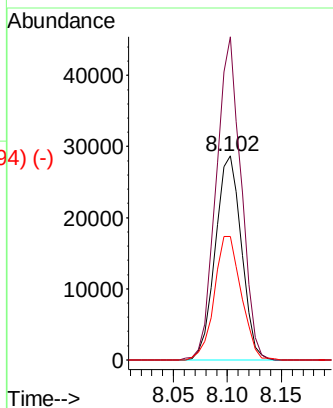
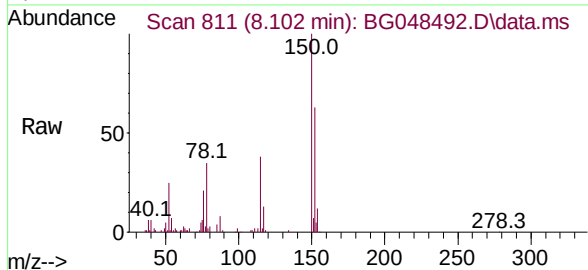




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.102 min Scan# 811
 Delta R.T. -0.001 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

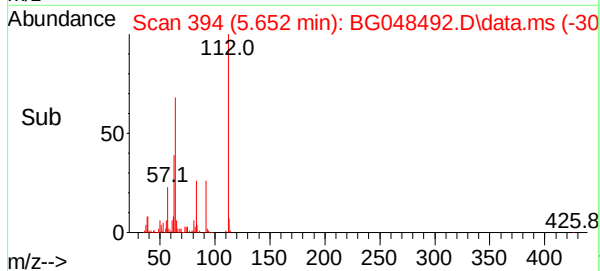
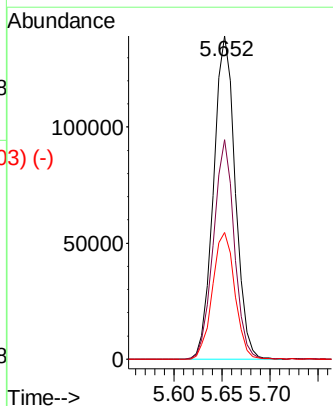
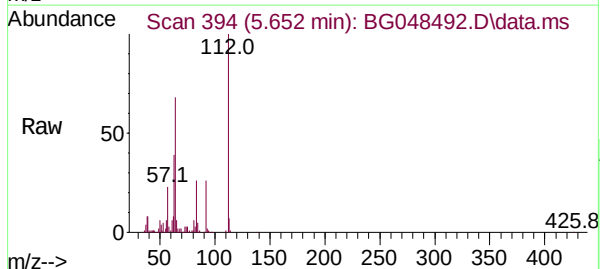
Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDWTANK1-20210318

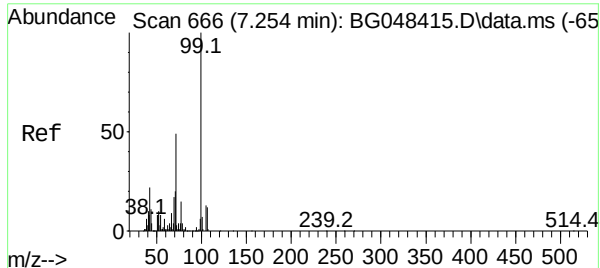
Tgt Ion:	152	Resp:	48663
Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.0	187.6
115	60.6	41.8	62.6



2-Fluorophenol
 Concen: 74.14 ng
 RT: 5.652 min Scan# 394
 Delta R.T. 0.006 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion:	112	Resp:	218183
Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.7	70.1
63	39.1	22.8	34.2#

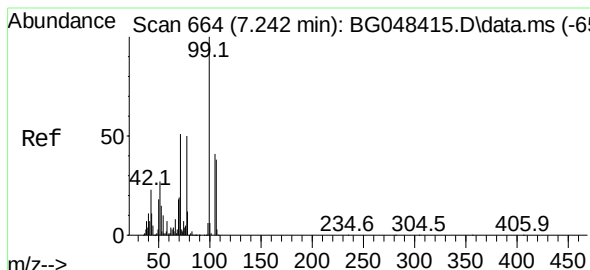
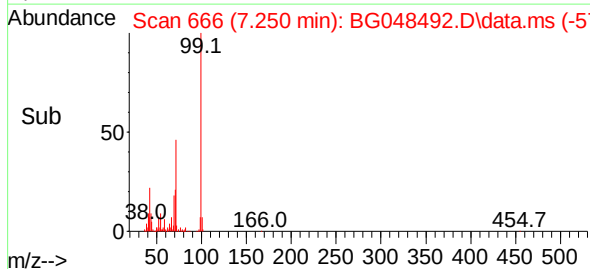
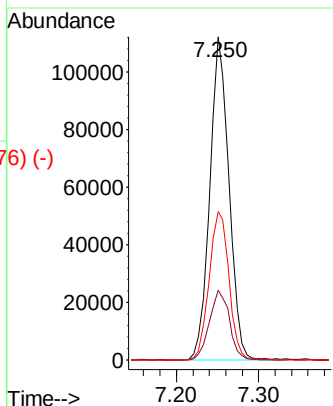
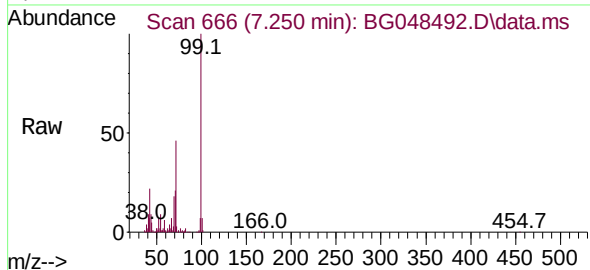




Phenol-d6
 Concen: 42.51 ng
 RT: 7.250 min Scan# 666
 Delta R.T. -0.000 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

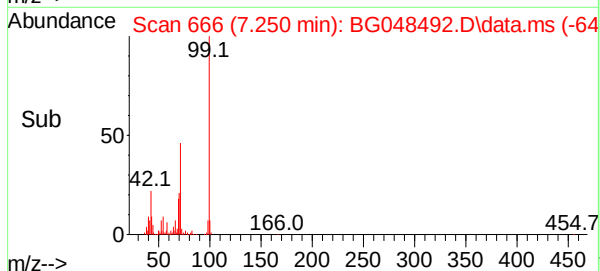
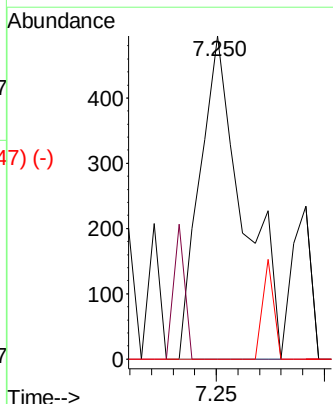
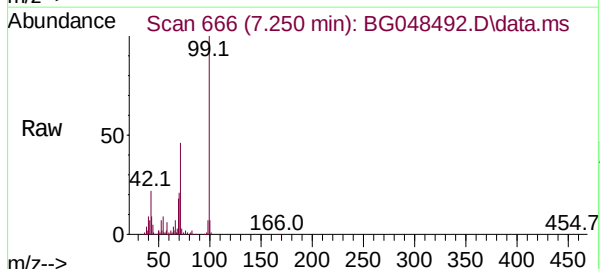
Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDWTANK1-20210318

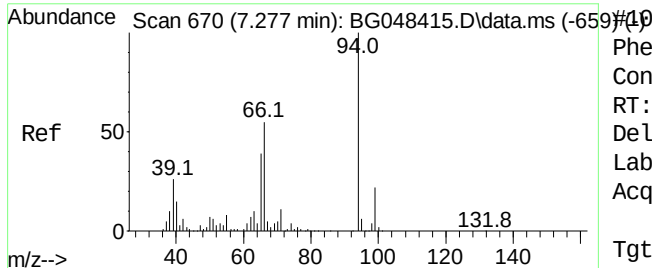
Tgt Ion:	99	Resp:	182032
Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.8	19.2#
71	45.9	24.6	36.8#



Benzaldehyde
 Concen: Below Cal
 RT: 7.250 min Scan# 666
 Delta R.T. 0.011 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion:	77	Resp:	690
Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.9	125.9#
106	0.0	80.9	120.9#

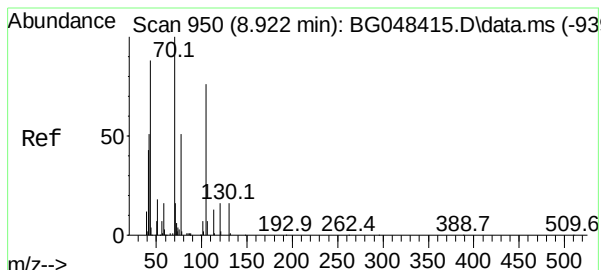
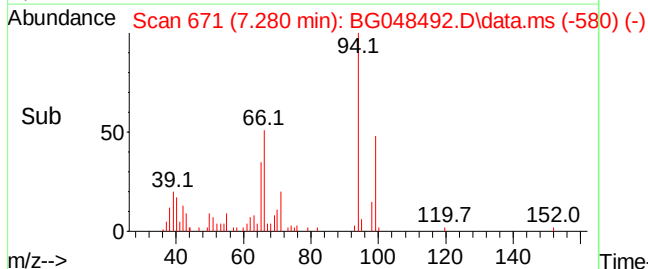
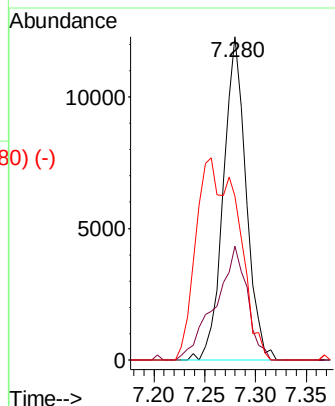
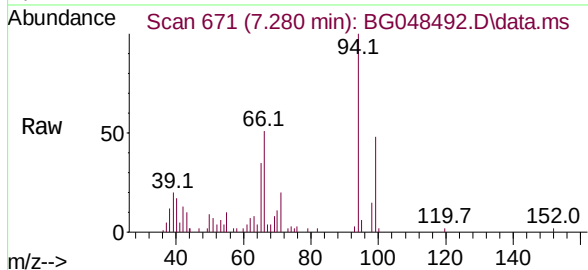




Phenol
 Concen: 4.35 ng
 RT: 7.280 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

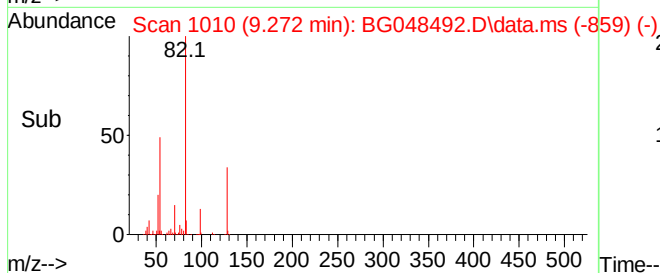
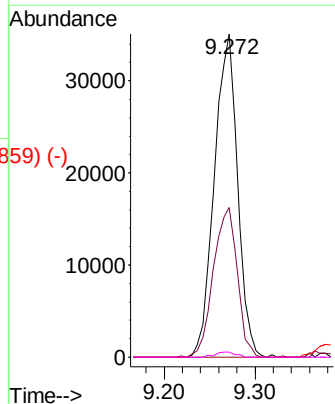
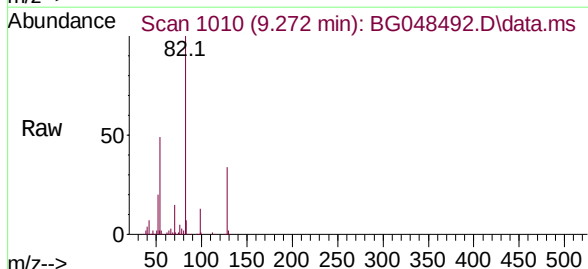
Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDWTANK1-20210318

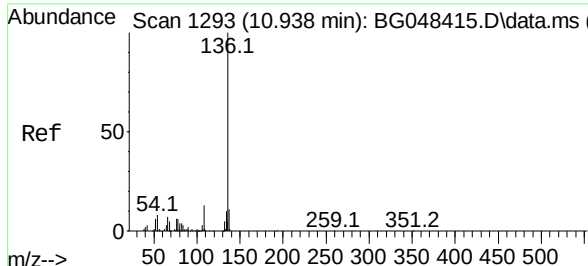
Tgt Ion:	94	Resp:	19095
Ion	Ratio	Lower	Upper
94	100		
65	35.2	6.6	46.6
66	50.7	13.9	53.9



n-Nitroso-di-n-propylamine
 Concen: 19.59 ng
 RT: 9.272 min Scan# 1010
 Delta R.T. 0.358 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion:	70	Resp:	62257
Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.6	68.4
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#

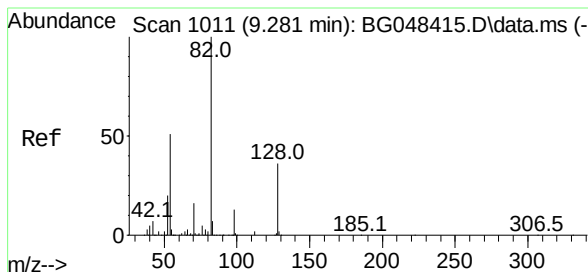
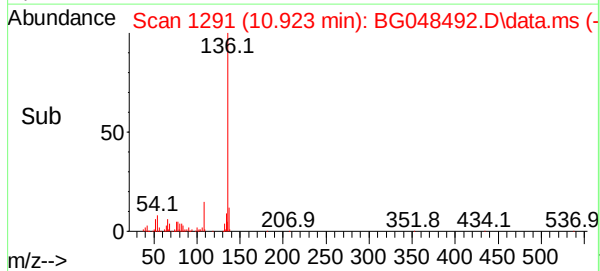
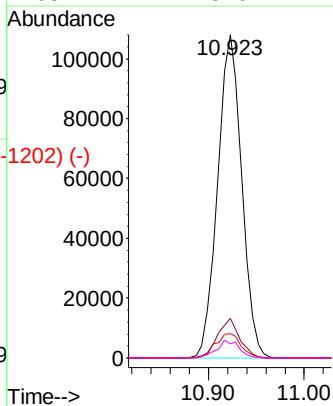
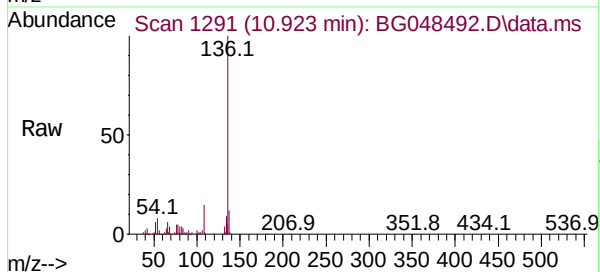




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.923 min Scan# 1291
 Delta R.T. -0.006 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

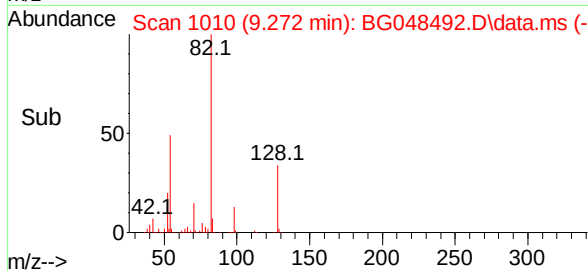
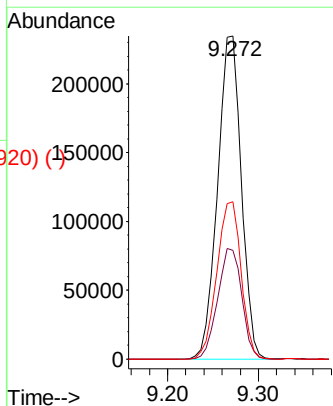
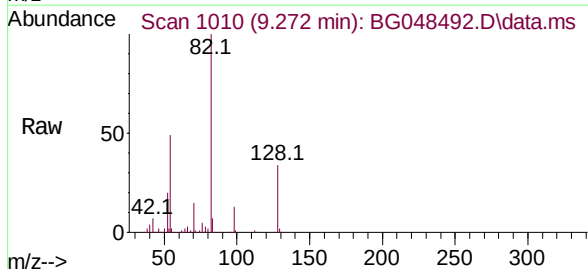
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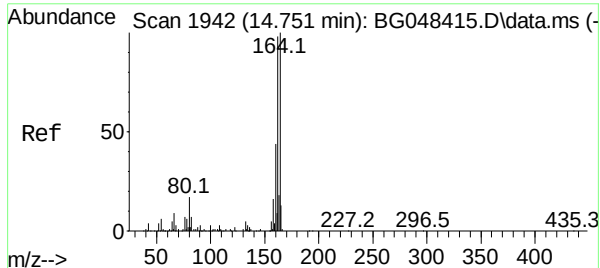
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	7.5	6.2	9.4
68	4.4	5.0	7.4#



Nitrobenzene-d5
 Concen: 90.57 ng
 RT: 9.272 min Scan# 1010
 Delta R.T. -0.000 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	37.0	55.6#
54	48.6	39.0	58.4

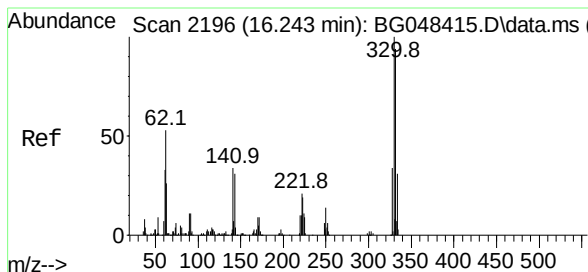
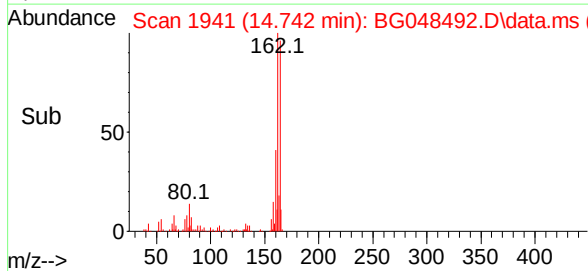
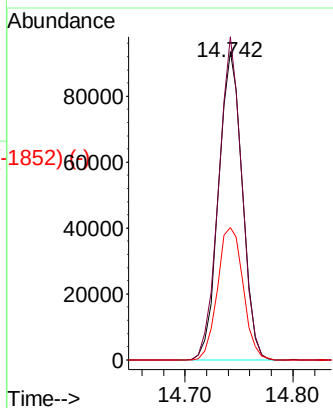
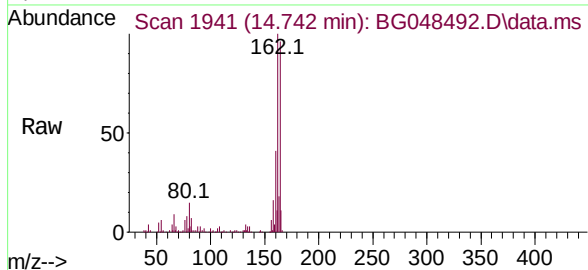




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.742 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

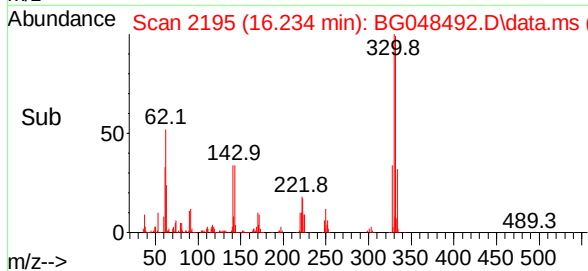
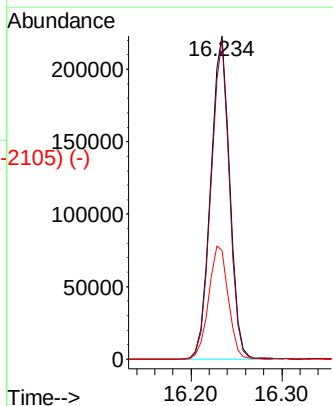
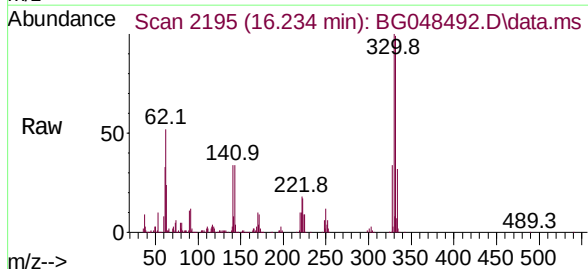
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Tgt Ion:	164	Resp:	143799
Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.3	123.5
160	42.8	35.3	52.9

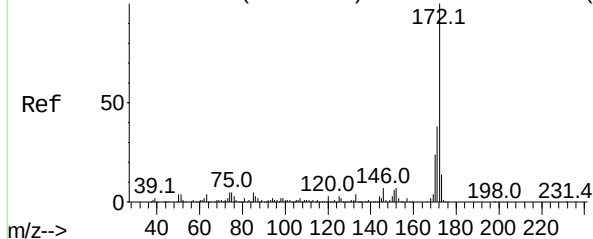


2,4,6-Tribromophenol
 Concen: 138.39 ng
 RT: 16.234 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion:	330	Resp:	323639
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	36.0	26.0	39.0



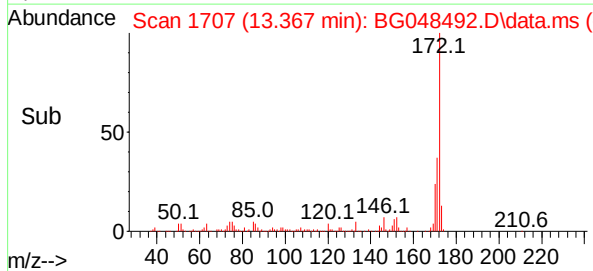
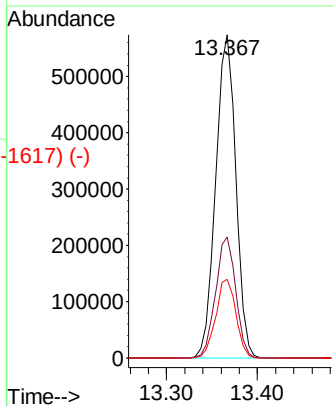
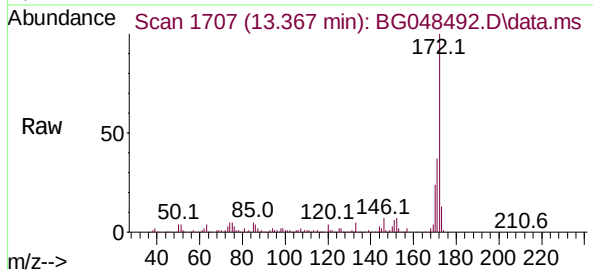
Abundance Scan 1708 (13.376 min): BG048415.D\data.ms (-1708) (-)



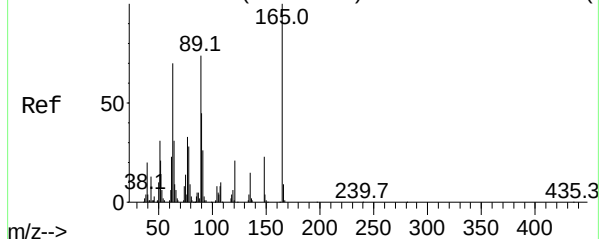
2-Fluorobiphenyl
Concen: 88.32 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

Instrument :
BNA_G
ClientSampleId :
CAL-IDWTANK1-20210318

Tgt Ion:	172	Resp:	882855
Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.3	20.8	31.2

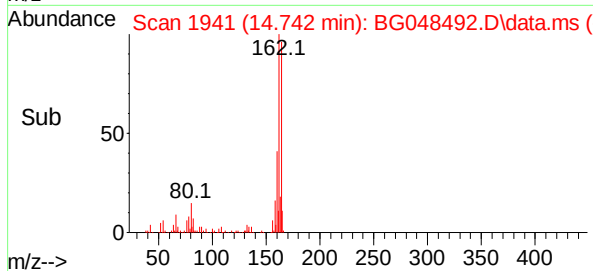
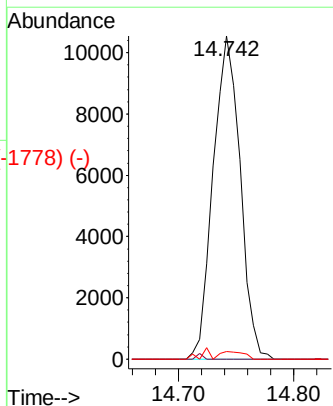
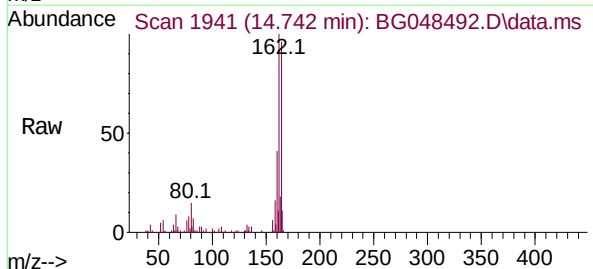


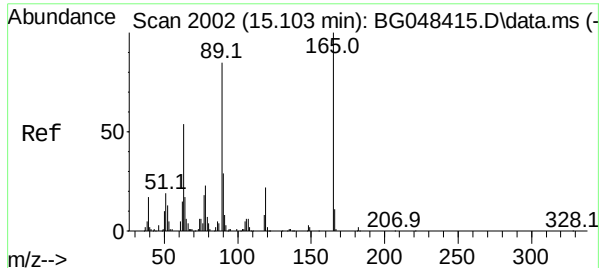
Abundance Scan 1868 (14.316 min): BG048415.D\data.ms (-1868) (-)



2,6-Dinitrotoluene
Concen: 6.86 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

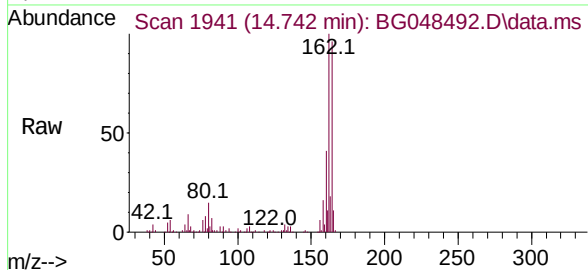
Tgt Ion:	165	Resp:	17268
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	2.5	36.6	54.8#



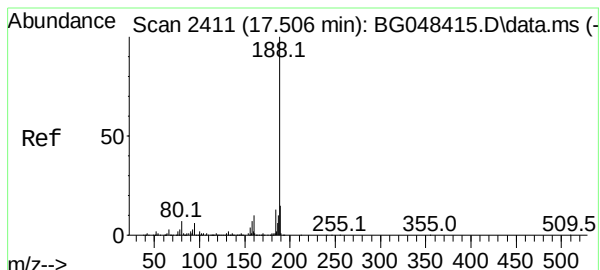
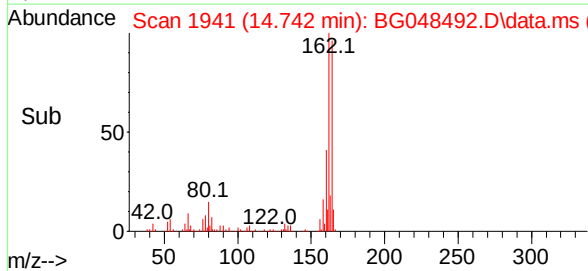
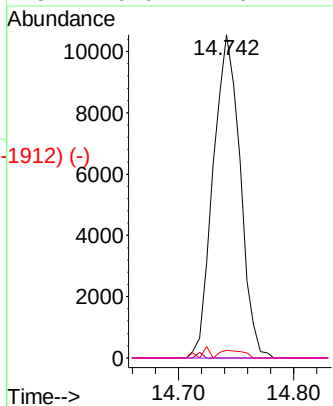


Scan 2002 (15.103 min): BG048415.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 4.83 ng
 RT: 14.742 min Scan# 1941
 Delta R.T. -0.359 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

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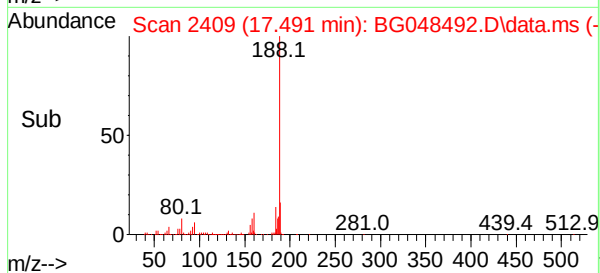
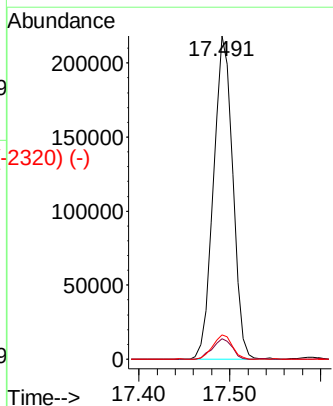
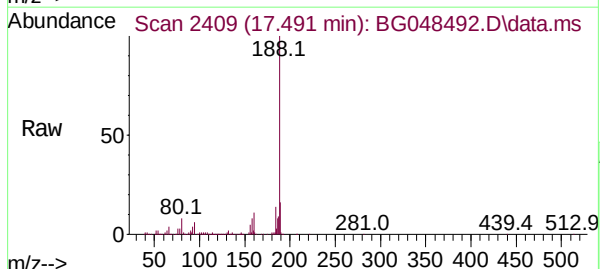


Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.4	39.6#
89	2.5	47.8	71.8#
182	0.0	2.6	4.0#

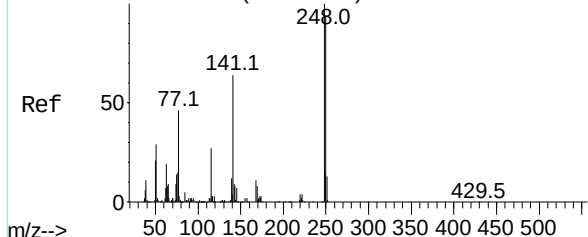


Scan 2411 (17.506 min): BG048415.D\data.ms (-2462) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.491 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.3	9.5#
80	7.6	7.0	10.6



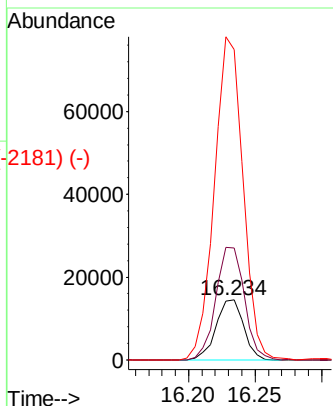
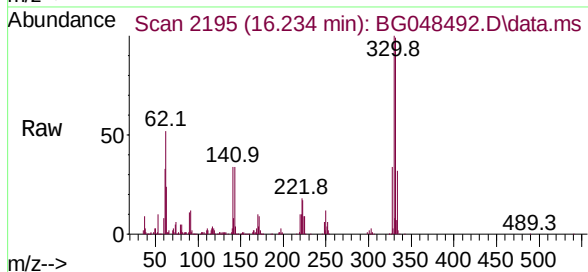
Abundance Scan 2272 (16.690 min): BG048415.D\data.ms (-267) (-)



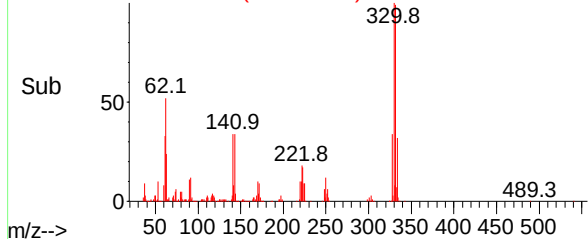
4-Bromophenyl-phenylether
Concen: 5.15 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

Instrument :
BNA_G
ClientSampleId :
CAL-IDWTANK1-20210318

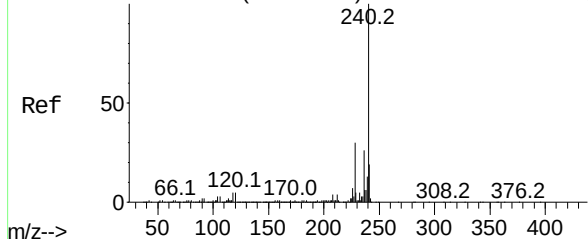
Tgt Ion	Ratio	Lower	Upper
248	100		
250	187.0	78.9	118.3#
141	518.1	46.2	69.4#



Abundance Scan 2195 (16.234 min): BG048492.D\data.ms (-2181) (-)

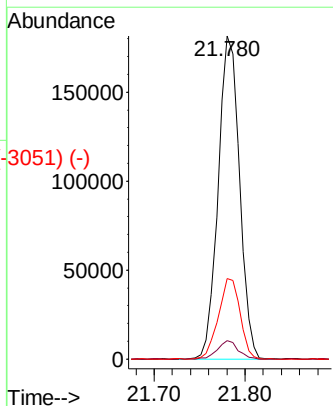
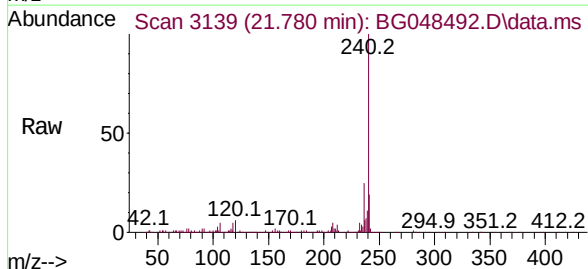


Abundance Scan 3142 (21.801 min): BG048415.D\data.ms (-3170) (-)

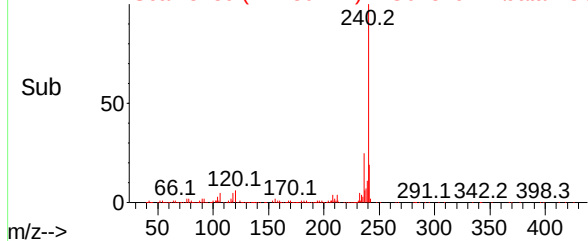


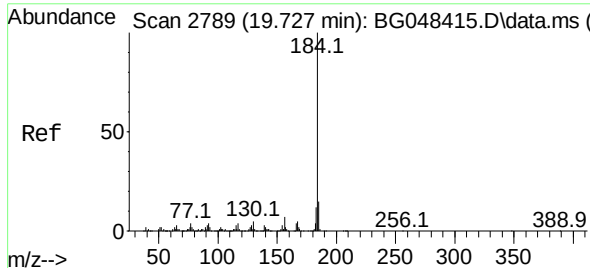
Chrysene-d12
Concen: 20.00 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.2	9.4#
236	24.9	20.5	30.7



Abundance Scan 3139 (21.780 min): BG048492.D\data.ms (-3051) (-)

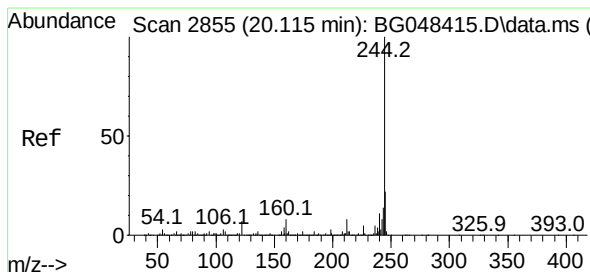
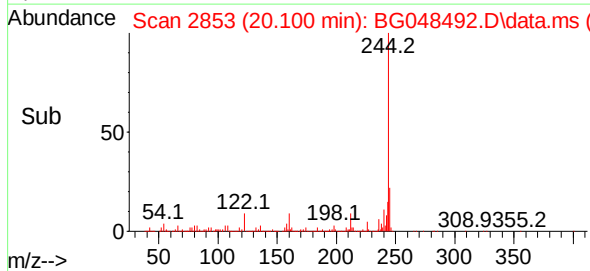
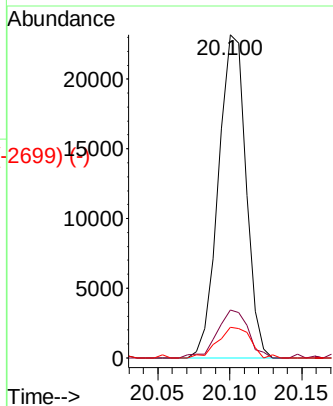
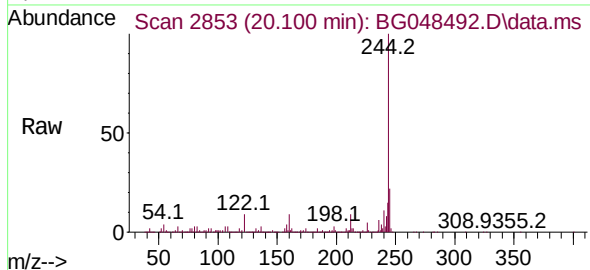




Benzidine
Concen: 3.47 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

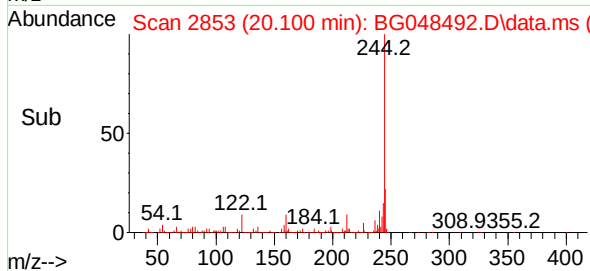
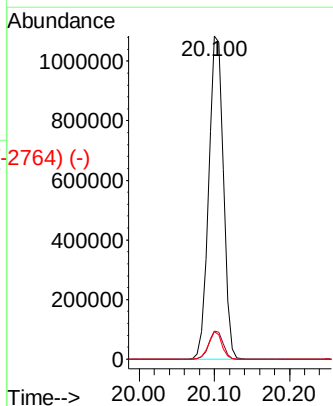
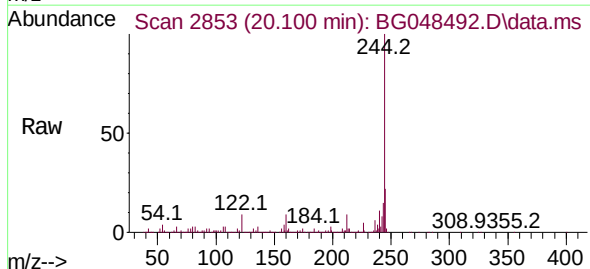
Instrument :
BNA_G
ClientSampleId :
CAL-IDWTANK1-20210318

Tgt Ion:	184	Resp:	30852
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	9.6	10.6	15.8#

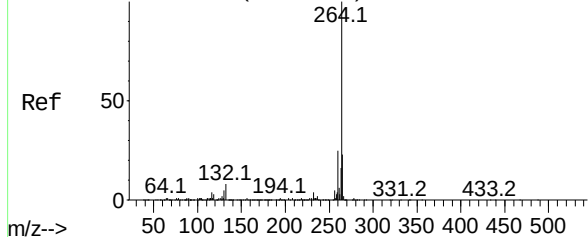


Terphenyl-d14
Concen: 90.65 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048492.D
Acq: 24 Mar 2021 16:57

Tgt Ion:	244	Resp:	1492057
Ion Ratio	Lower	Upper	
244	100		
212	8.8	6.7	10.1
122	8.6	7.8	11.6



Abundance Scan 3710 (25.139 min): BG048415.D\data.ms (-3694) (-)



Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048492.D
 Acq: 24 Mar 2021 16:57

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDWTANK1-20210318

Tgt Ion:	264	Resp:	309012
Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.8	28.2
265	21.7	17.8	26.8

