

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045916.D
 Acq On : 2 Jul 2020 16:03
 Operator : CG/JU
 Sample : L3153-44MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:19:38 AM

Quant Time: Jul 03 00:50:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	52488	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	203268	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	150242	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	357332	20.00	ng	0.00
76) Chrysene-d12	21.52	240	337119	20.00	ng	0.00
86) Perylene-d12	24.60	264	354968	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	381242	122.70	ng	0.00
7) Phenol-d6	7.07	99	492880	104.28	ng	0.00
23) Nitrobenzene-d5	9.02	82	403147	90.61	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	280386	123.61	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	898835	87.92	ng	0.00
79) Terphenyl-d14	19.88	244	1550443	93.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	56339	39.588	ng	# 68
3) Pyridine	3.70	79	146489	34.737	ng	93
4) n-Nitrosodimethylamine	3.60	42	67703	47.828	ng	99
6) Aniline	7.18	93	122535	22.019	ng	94
8) 2-Chlorophenol	7.44	128	155780	46.838	ng	100
9) Benzaldehyde	6.98	77	60266	21.230	ng	96
10) Phenol	7.10	94	179344	39.162	ng	99
11) bis(2-Chloroethyl)ether	7.28	93	153366	44.091	ng	99
12) 1,3-Dichlorobenzene	7.74	146	179395	45.262	ng	97
13) 1,4-Dichlorobenzene	7.89	146	181612	45.874	ng	98
14) 1,2-Dichlorobenzene	8.21	146	170232	44.915	ng	98
15) Benzyl Alcohol	8.11	79	170532	46.625	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.39	45	147753	45.070	ng	99
17) 2-Methylphenol	8.34	107	138464	40.628	ng	99
18) Hexachloroethane	8.93	117	70677	47.005	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	146218	47.057	ng	98
20) 3+4-Methylphenols	8.67	107	184464	41.155	ng	92
22) Acetophenone	8.68	105	254833	45.676	ng	# 97
24) Nitrobenzene	9.06	77	217220	45.786	ng	97
25) Isophorone	9.59	82	397509	46.148	ng	99
26) 2-Nitrophenol	9.77	139	90593	45.835	ng	99
27) 2,4-Dimethylphenol	9.86	122	142615	47.261	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	216928	48.212	ng	98
29) 2,4-Dichlorophenol	10.34	162	161965	46.004	ng	96
30) 1,2,4-Trichlorobenzene	10.53	180	189215	45.398	ng	100
31) Naphthalene	10.71	128	502950	45.258	ng	99
32) Benzoic acid	10.06	122	60533	34.123	ng	90
33) 4-Chloroaniline	10.84	127	25189	5.413	ng	92
34) Hexachlorobutadiene	11.00	225	132257	44.618	ng	97
35) Caprolactam	11.60	113	50495m	44.321	ng	
36) 4-Chloro-3-methylphenol	12.00	107	189787	46.688	ng	97
37) 2-Methylnaphthalene	12.32	142	383491	46.342	ng	98
38) 1-Methylnaphthalene	12.55	142	366439	46.794	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	219708	44.411	ng	98

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	229577	83.591	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	144630	43.120	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	147848	38.676	ng	97
46) 1,1'-Biphenyl	13.34	154	492943	45.828	ng	99
47) 2-Chloronaphthalene	13.39	162	385106	44.322	ng	99
48) 2-Nitroaniline	13.60	65	132825	45.956	ng	94
49) Acenaphthylene	14.23	152	627803	45.109	ng	99
50) Dimethylphthalate	13.97	163	595103	50.561	ng	100
51) 2,6-Dinitrotoluene	14.09	165	119064	45.039	ng #	86
52) Acenaphthene	14.58	154	383233	45.428	ng	99
53) 3-Nitroaniline	14.43	138	42273	16.010	ng	95
54) 2,4-Dinitrophenol	14.64	184	123304	83.386	ng	97
55) Dibenzofuran	14.91	168	616644	44.996	ng	99
56) 4-Nitrophenol	14.80	139	127203	67.873	ng	91
57) 2,4-Dinitrotoluene	14.89	165	175500	46.335	ng	96
58) Fluorene	15.57	166	526508	46.203	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	135307	40.781	ng	98
60) Diethylphthalate	15.34	149	566094	47.049	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	293651	44.710	ng	99
62) 4-Nitroaniline	15.60	138	118645	43.781	ng	97
63) Azobenzene	15.85	77	546518	47.305	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	102072	46.222	ng	98
66) n-Nitrosodiphenylamine	15.78	169	468223	46.262	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	204325	44.007	ng	98
68) Hexachlorobenzene	16.58	284	223531	46.428	ng	97
69) Atrazine	16.73	200	181319	46.168	ng	97
70) Pentachlorophenol	16.94	266	155115	66.727	ng	96
71) Phenanthrene	17.31	178	843915	45.793	ng	98
72) Anthracene	17.40	178	865286	47.150	ng	99
73) Carbazole	17.68	167	804753	46.055	ng	99
74) Di-n-butylphthalate	18.23	149	969660	46.866	ng	99
75) Fluoranthene	19.32	202	1055268	46.566	ng	100
77) Benzidine	19.50	184	125079	14.272	ng	99
78) Pyrene	19.68	202	1047167	46.387	ng	99
80) Butylbenzylphthalate	20.58	149	435502	46.089	ng	96
81) Benzo(a)anthracene	21.50	228	1000723	45.786	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	181551	21.960	ng	96
83) Chrysene	21.56	228	968547	45.815	ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	615145	46.802	ng	100
85) Di-n-octyl phthalate	22.58	149	1058165	46.674	ng	100
87) Indeno(1,2,3-cd)pyrene	28.09	276	1283178	49.864	ng #	97
88) Benzo(b)fluoranthene	23.63	252	1093925	49.151	ng	99
89) Benzo(k)fluoranthene	23.69	252	1049364	49.264	ng	98
90) Benzo(a)pyrene	24.45	252	998149	48.010	ng	100
91) Dibenzo(a,h)anthracene	28.15	278	1030895	49.956	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1035829	50.149	ng	99

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

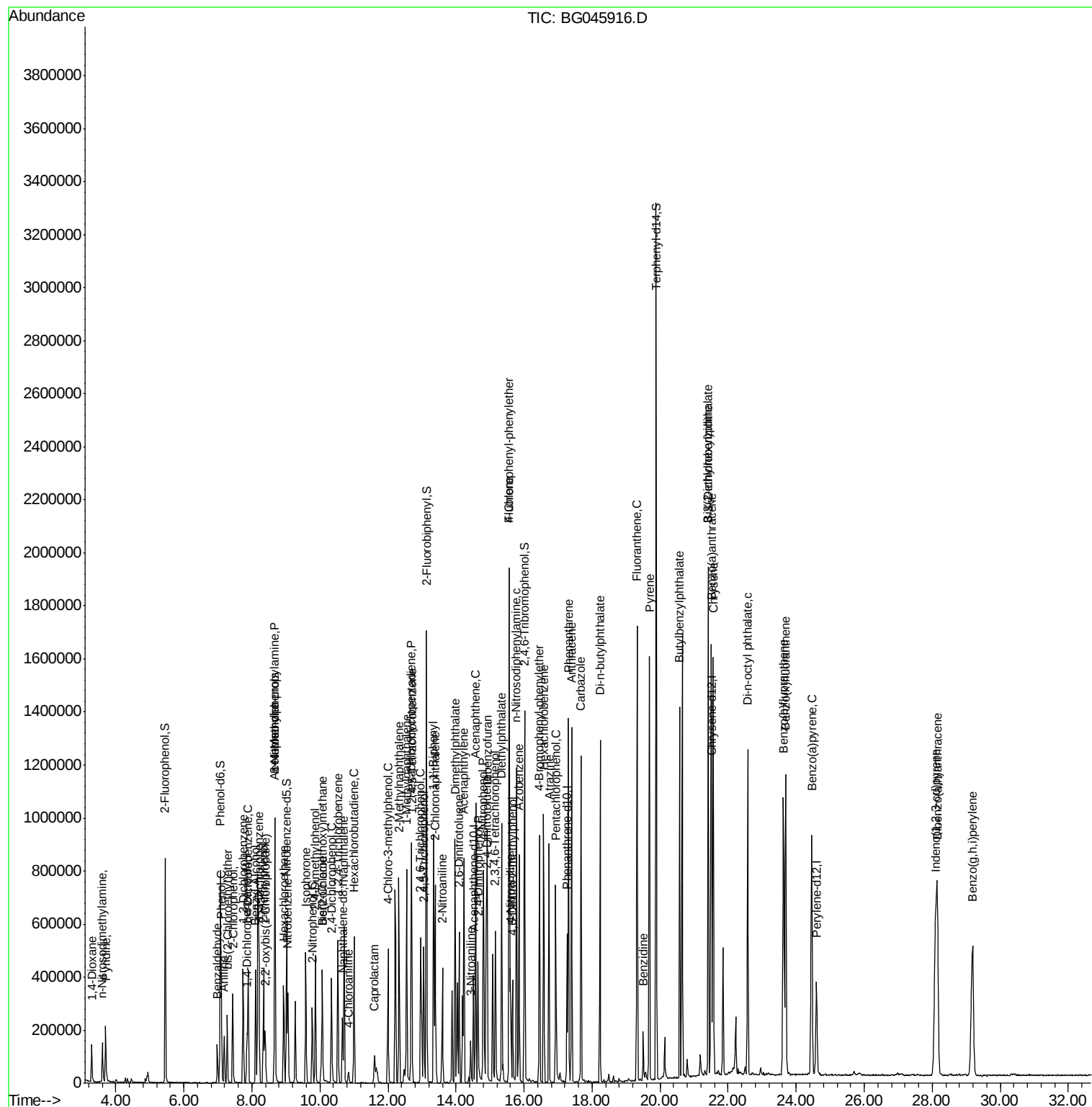
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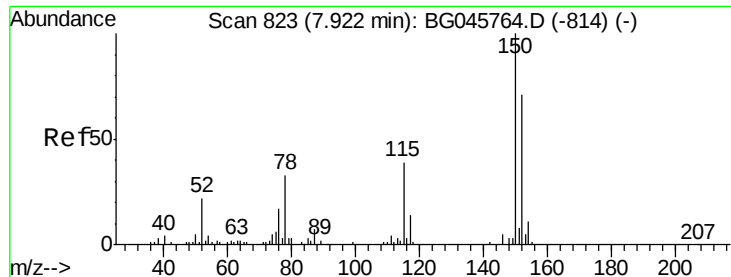
Instrument :
 BNA_G
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#1

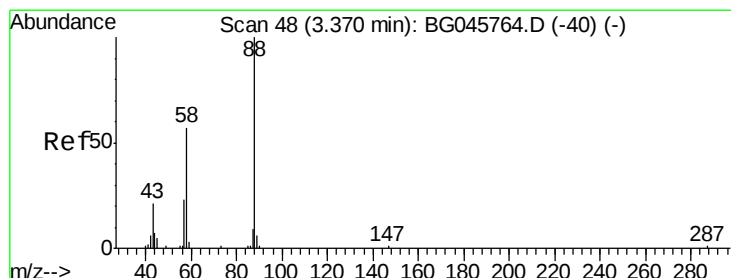
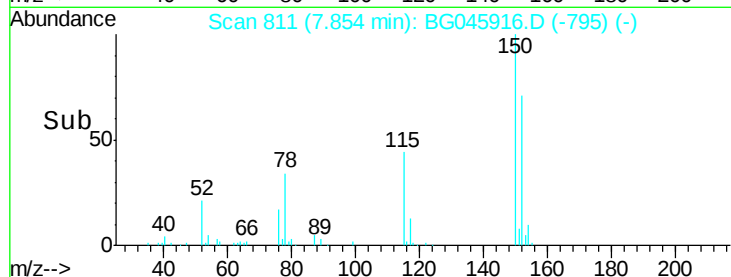
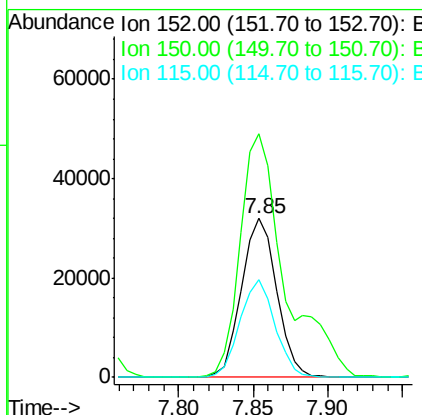
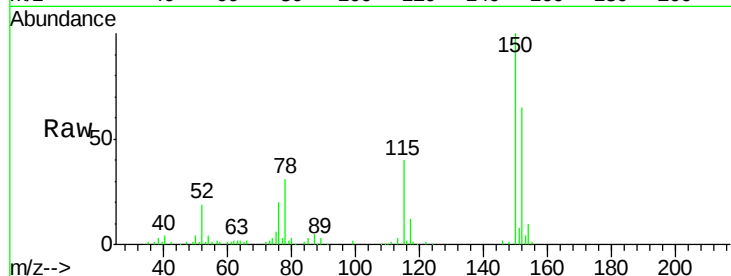
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.5	186.7
115	61.7	45.8	68.8

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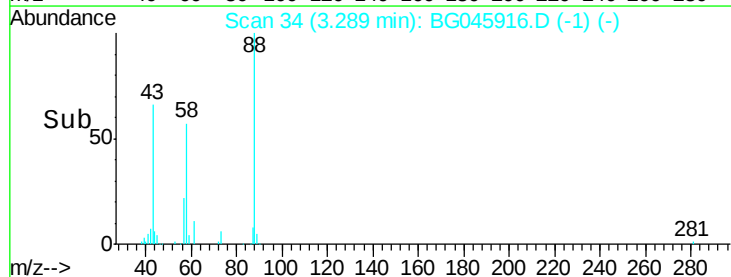
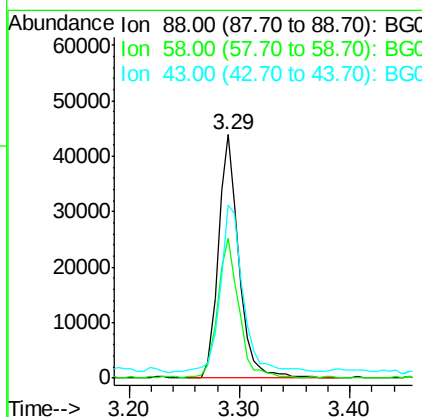
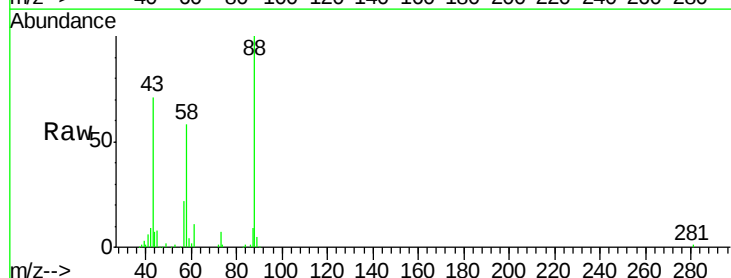
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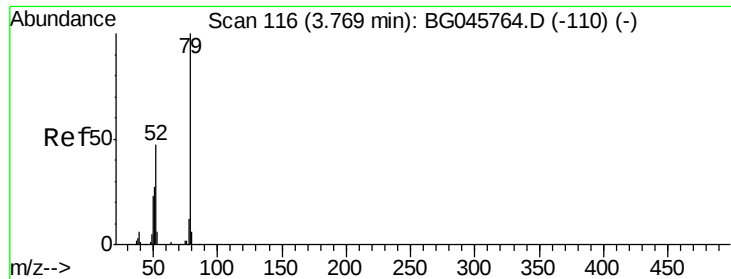


#2

1,4-Dioxane
Concen: 39.588 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.1	70.7
43	75.6	19.4	29.2





#3

Pvridine

Concen: 34.737 ng

RT: 3.70 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

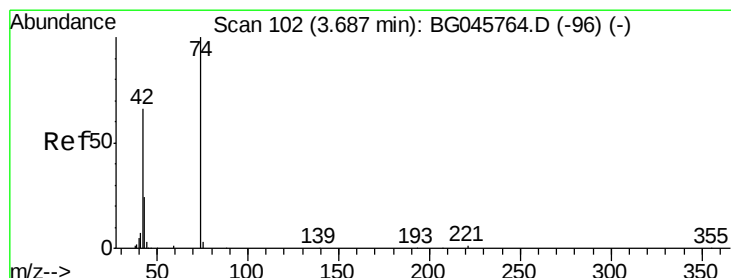
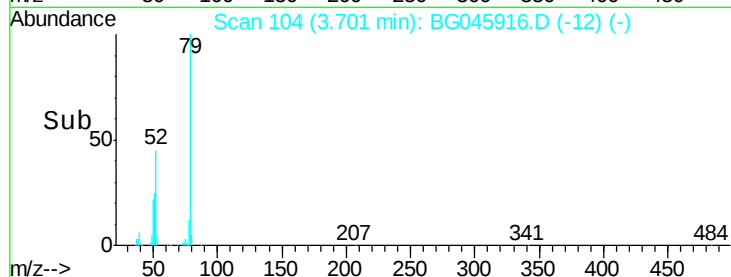
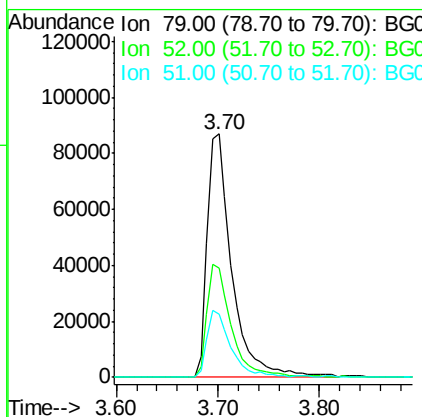
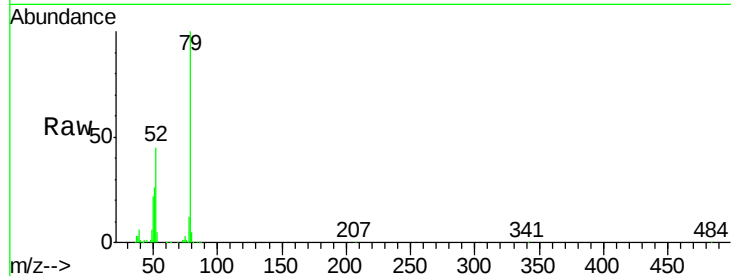
ClientSampled :

SP2-LMSD

Tot Ion:	79	Resp:	146489
Ion Ratio	Lower	Upper	
79	100		
52	45.0	41.0	61.4
51	26.2	23.0	34.4

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#4

n-Nitrosodimethylamine

Concen: 47.828 ng

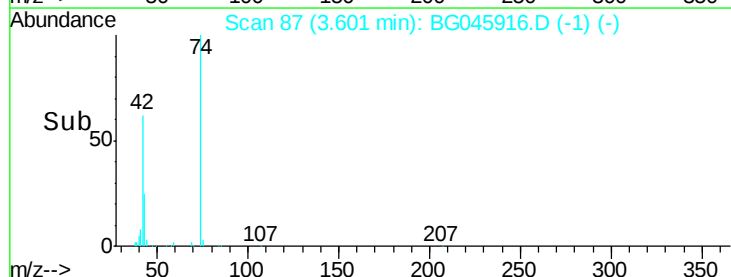
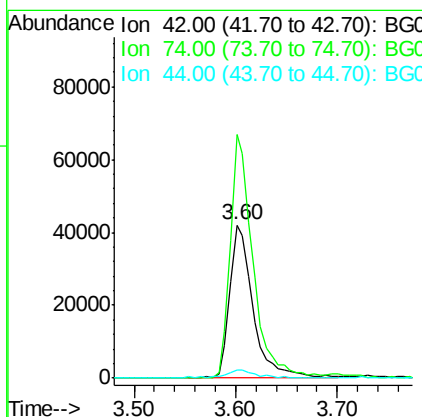
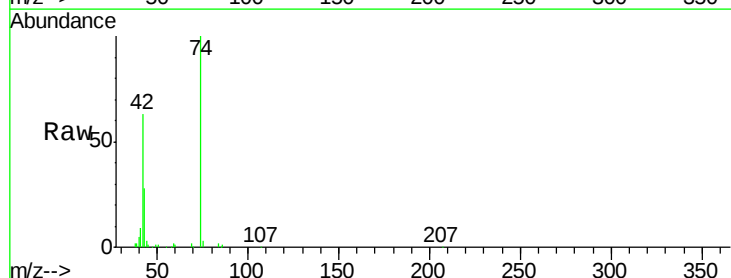
RT: 3.60 min Scan# 87

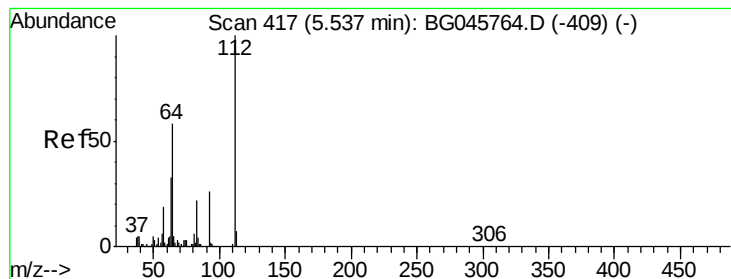
Delta R.T. -0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	42	Resp:	67703
Ion Ratio	Lower	Upper	
42	100		
74	159.0	127.8	191.6
44	5.1	4.1	6.1





#5

2-Fluorophenol

Concen: 122.696 ng

RT: 5.45 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

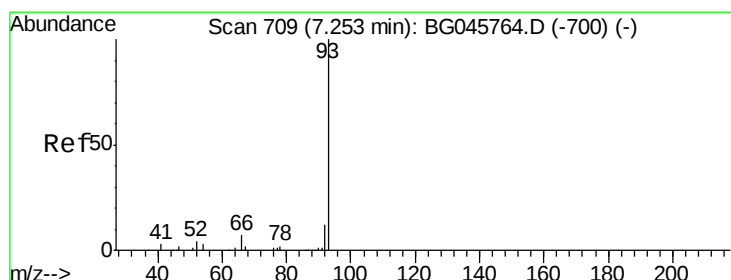
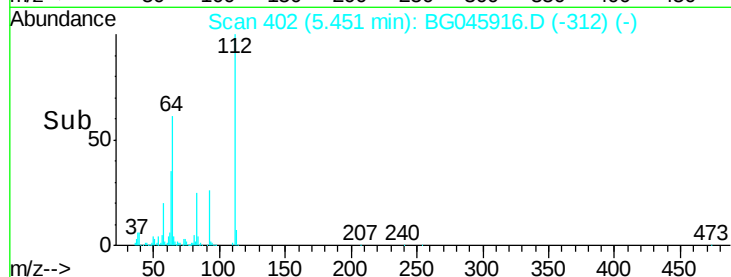
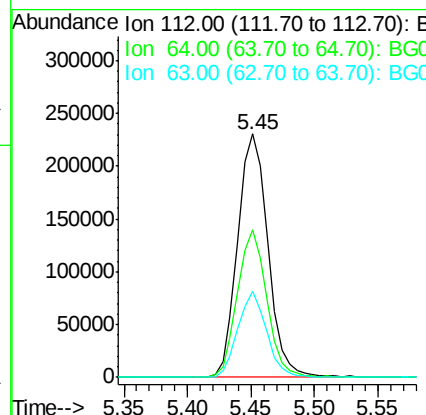
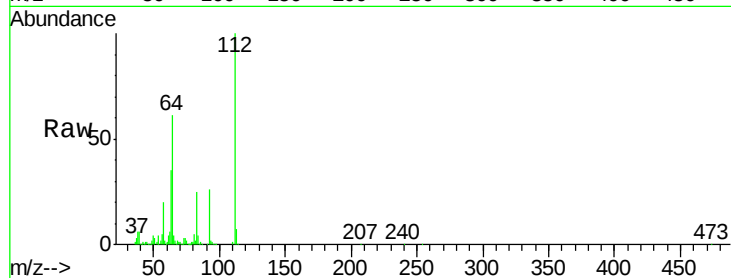
ClientSampleId :

SP2-LMSD

Tot Ion:	112	Resp:	381242
Ion Ratio	Lower	Upper	
112	100		
64	60.8	44.9	67.3
63	35.3	26.9	40.3

Manual Integrations
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#6

Aniline

Concen: 22.019 ng

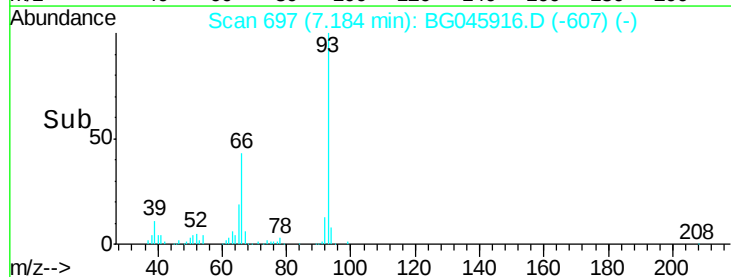
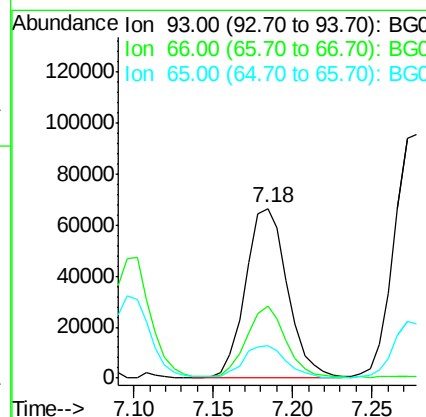
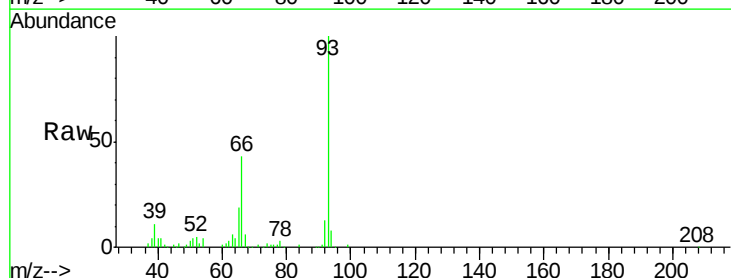
RT: 7.18 min Scan# 697

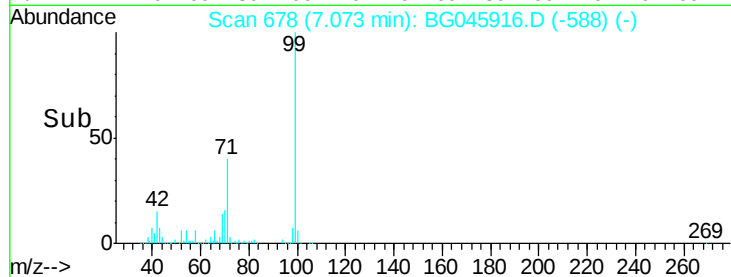
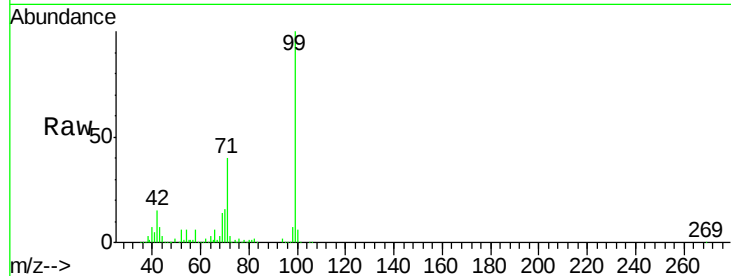
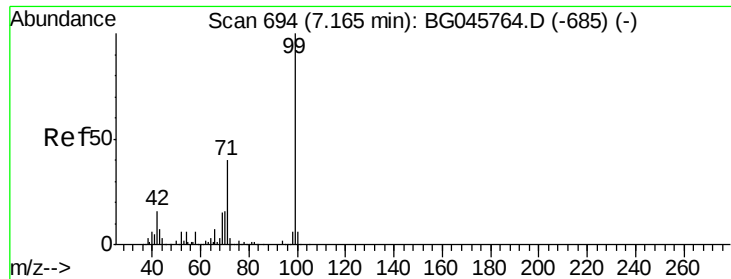
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	93	Resp:	122535
Ion Ratio	Lower	Upper	
93	100		
66	42.6	30.4	45.6
65	19.2	16.2	24.2





#7

Phenol-d6

Concen: 104.284 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		492880		
42	14.9	11.8	17.8		
71	40.1	31.0	46.6		

Instrument :

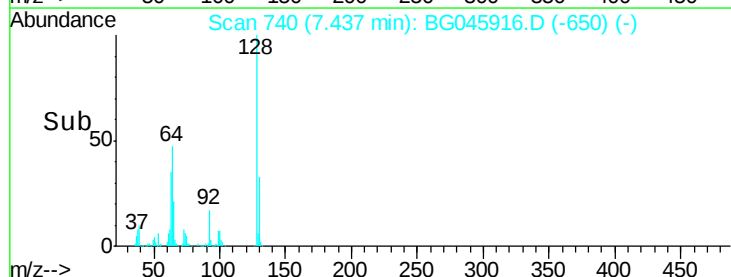
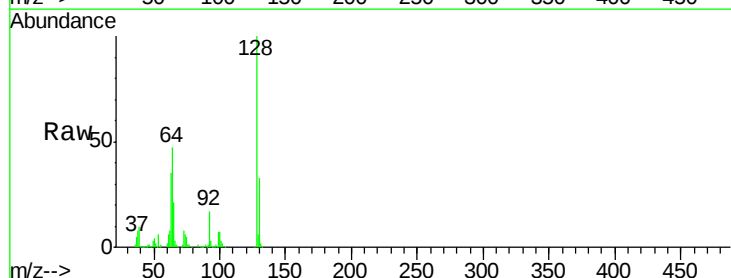
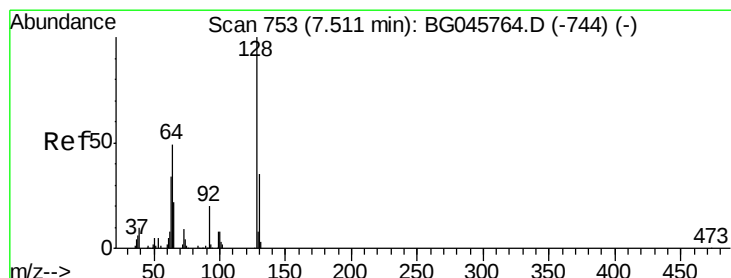
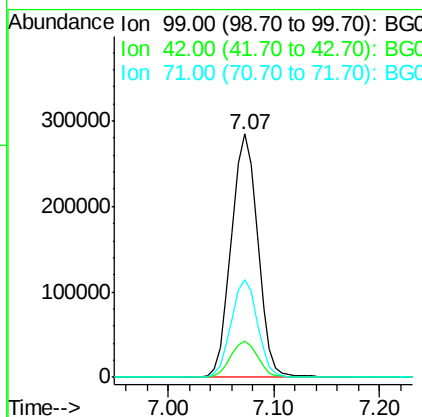
BNA_G

ClientSampleId :

SP2-LMSD

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#8

2-Chlorophenol

Concen: 46.838 ng

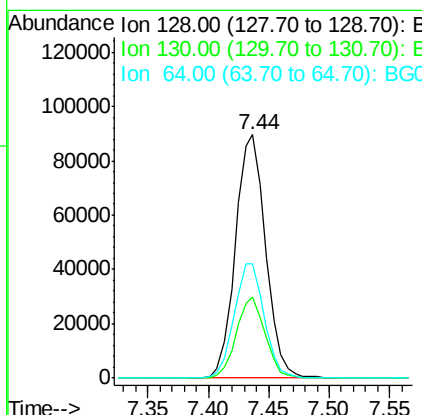
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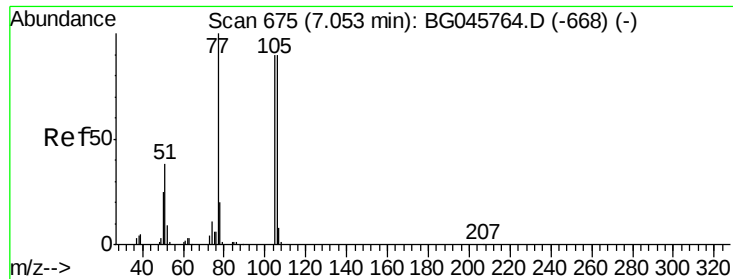
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		155780		
130	33.2	13.7	53.7		
64	46.7	26.7	66.7		





#9

Benzaldehyde

Concen: 21.230 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

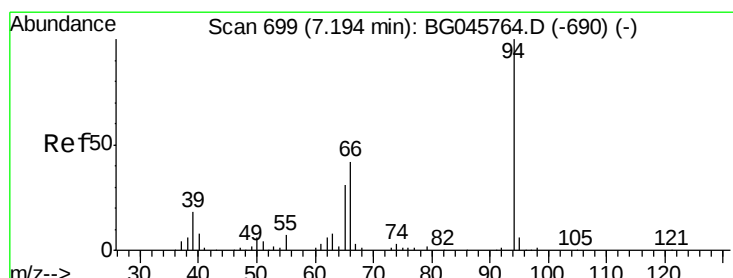
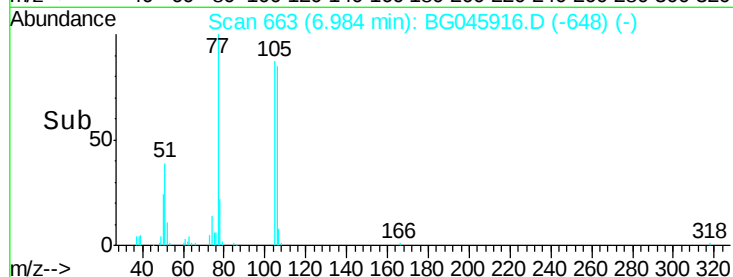
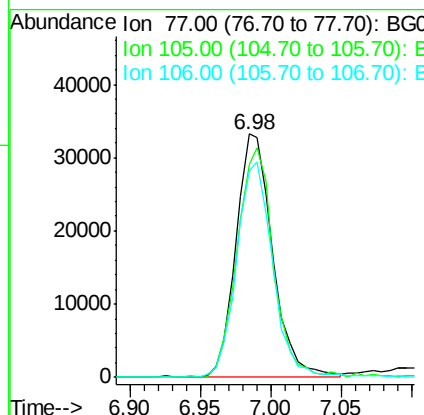
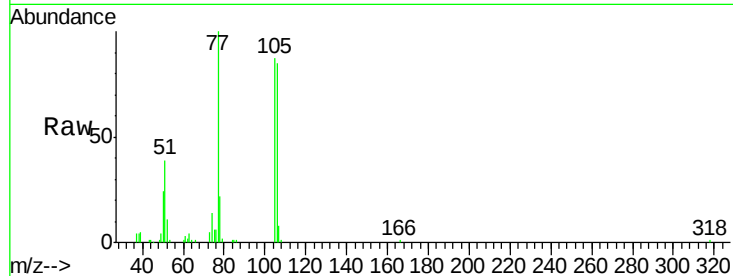
ClientSampleId :

SP2-LMSD

Tot Ion:	77	Resp:	60266
Ion	Ratio	Lower	Upper
77	100		
105	87.5	69.6	109.6
106	85.0	69.9	109.9

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#10

Phenol

Concen: 39.162 ng

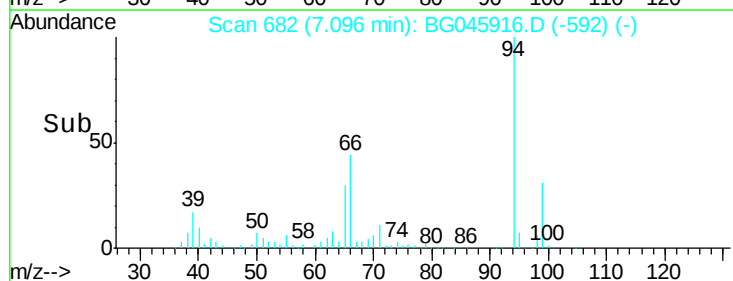
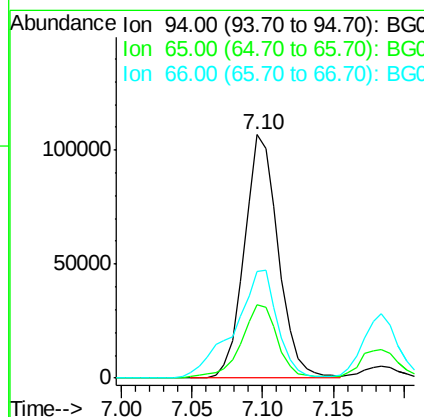
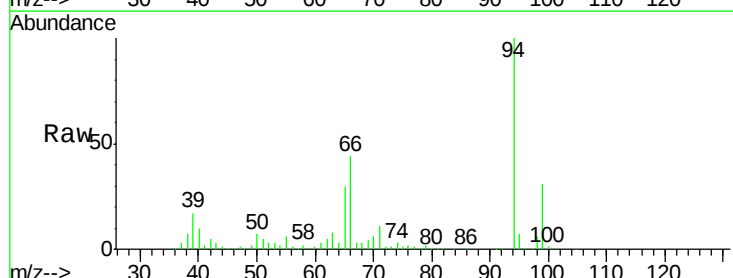
RT: 7.10 min Scan# 682

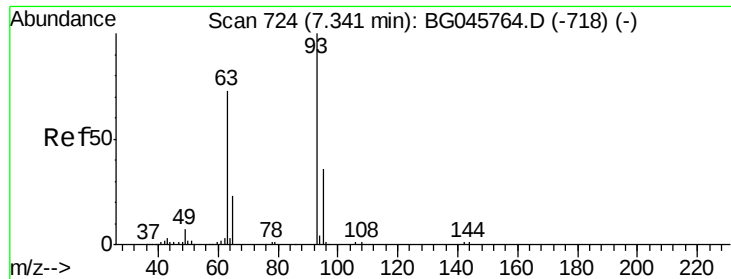
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	94	Resp:	179344
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.4	49.4
66	43.9	24.6	64.6





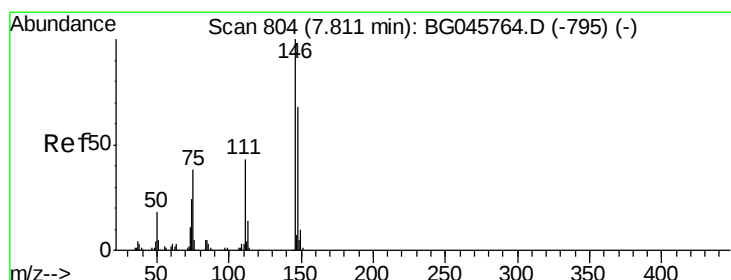
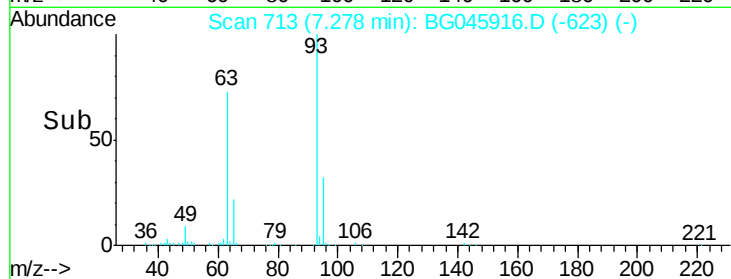
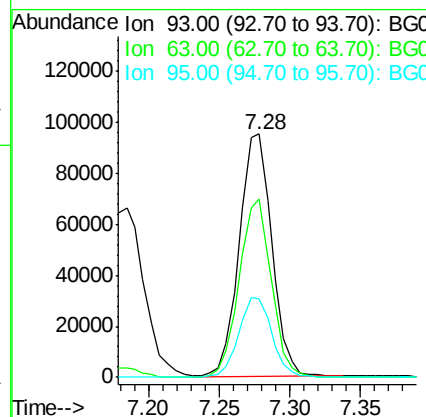
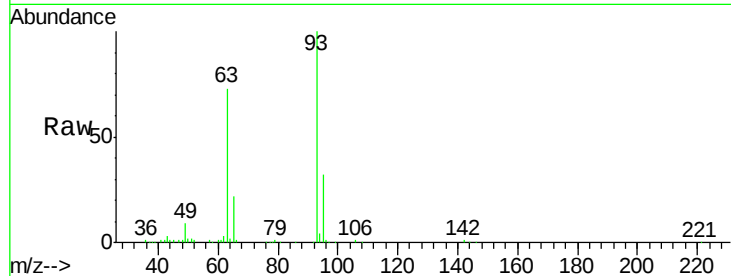
#11
bis(2-Chloroethyl)ether
Concen: 44.091 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	153366		
63	73.5		52.8	92.8
95	32.0		13.0	53.0

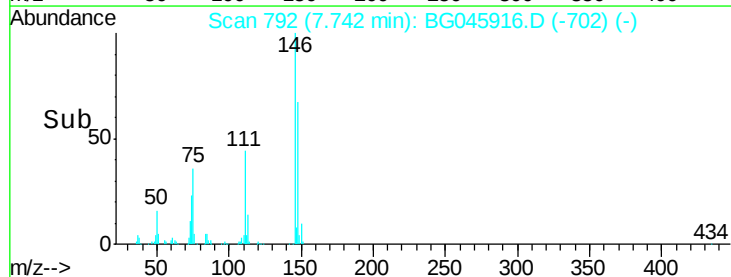
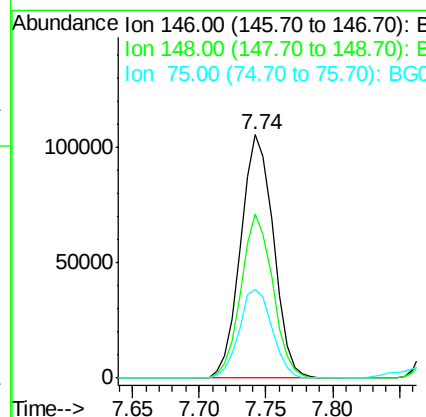
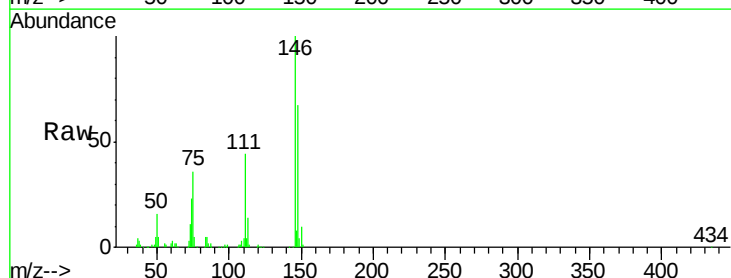
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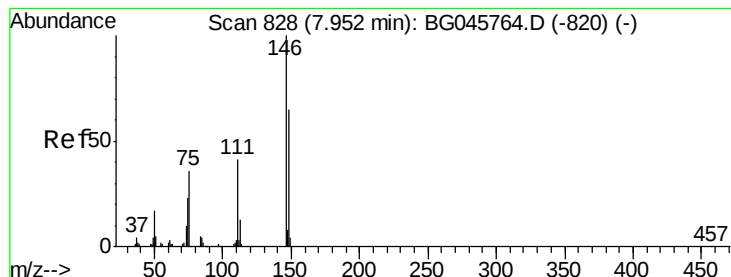
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#12
1,3-Dichlorobenzene
Concen: 45.262 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	179395		
148	67.2		55.1	82.7
75	36.2		31.4	47.0





#13

1,4-Dichlorobenzene

Concen: 45.874 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

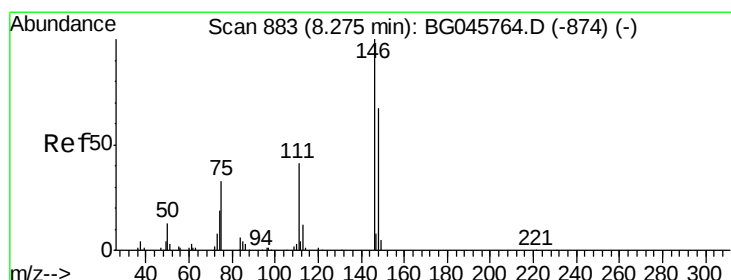
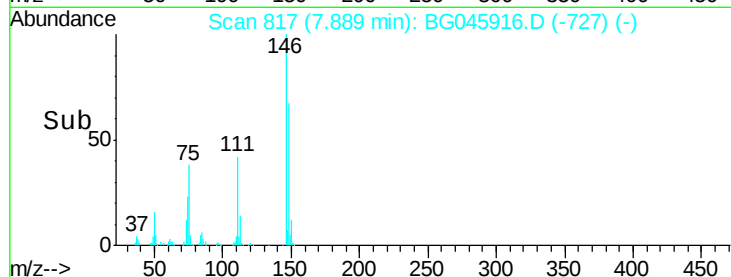
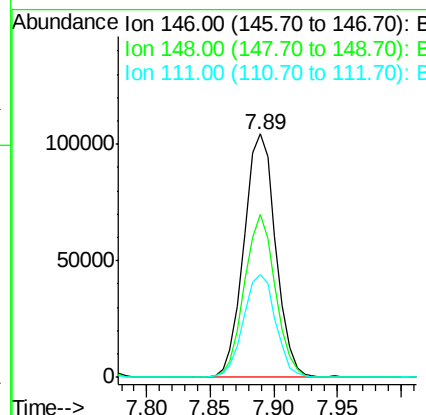
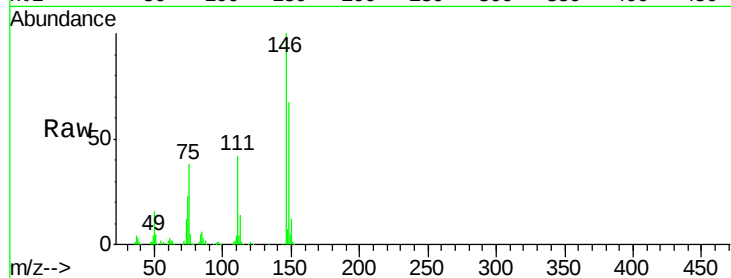
ClientSampleId :

SP2-LMSD

Tot Ion:	146	Resp:	181612
Ion Ratio	Lower	Upper	
146	100		
148	66.8	54.2	81.4
111	42.3	35.1	52.7

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#14

1,2-Dichlorobenzene

Concen: 44.915 ng

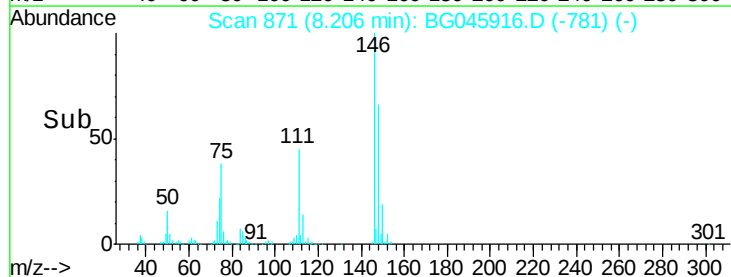
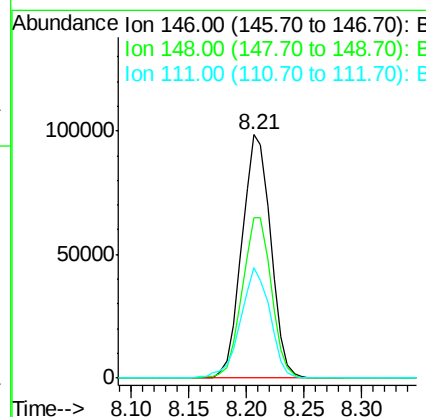
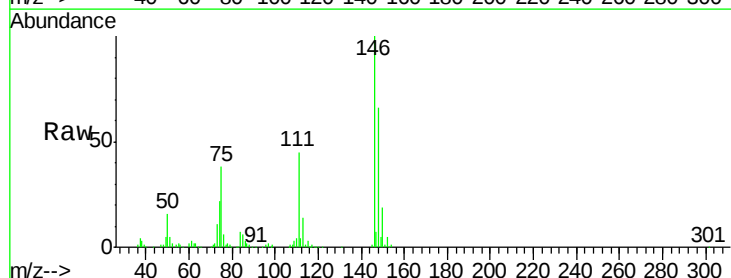
RT: 8.21 min Scan# 871

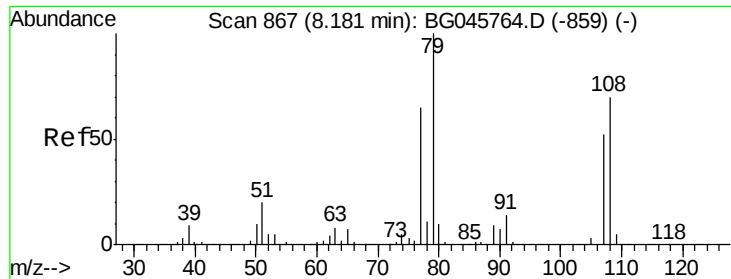
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	146	Resp:	170232
Ion Ratio	Lower	Upper	
146	100		
148	65.9	53.3	79.9
111	45.3	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.625 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

Tot Ion: 79 Resp: 170532

Ion Ratio Lower Upper

79 100

108 70.6 50.7 76.1

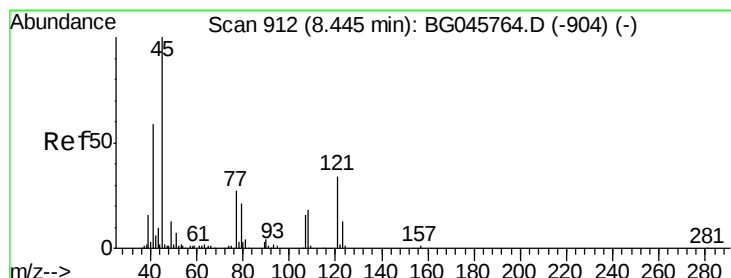
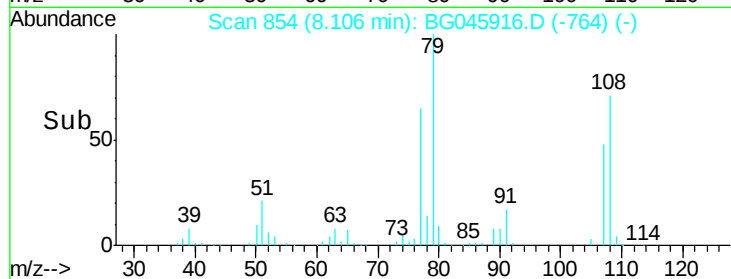
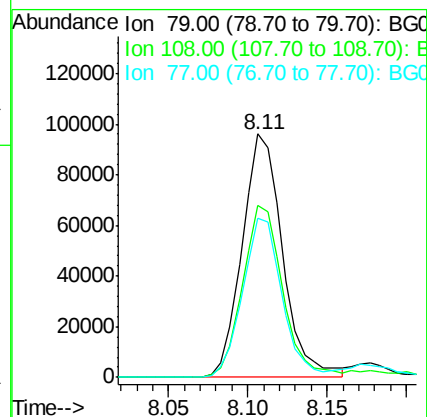
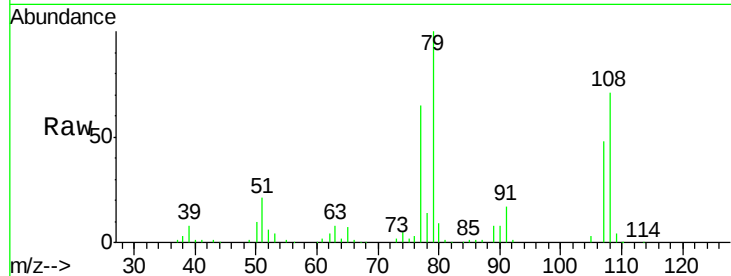
77 65.4 50.4 75.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.070 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

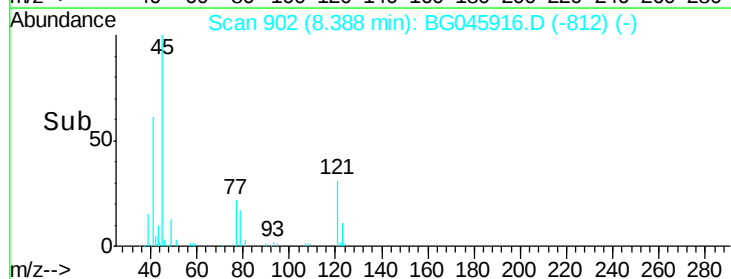
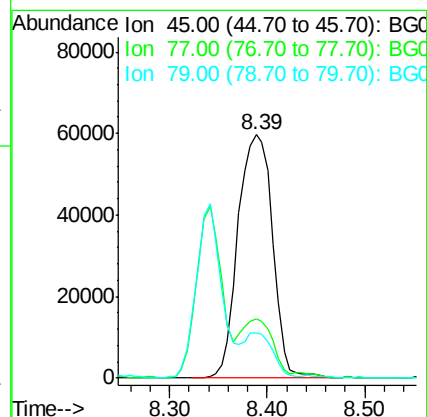
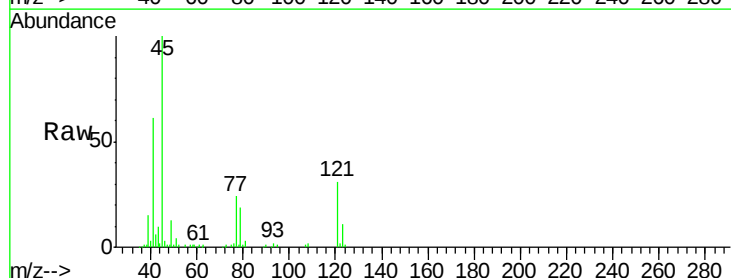
Tgt Ion: 45 Resp: 147753

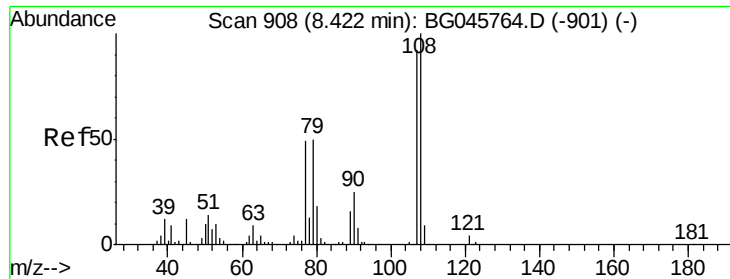
Ion Ratio Lower Upper

45 100

77 24.1 4.1 44.1

79 18.5 0.0 38.0





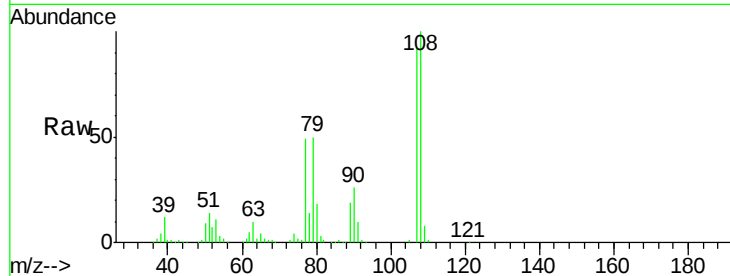
#17
2-Methylphenol
Concen: 40.628 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

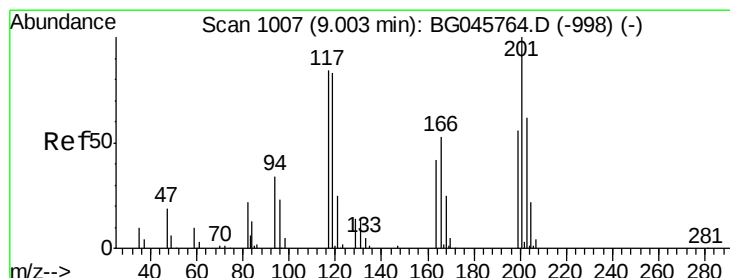
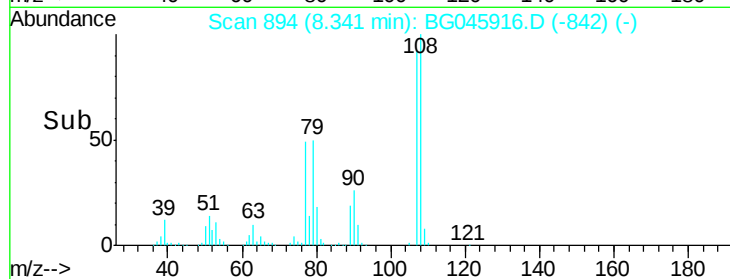
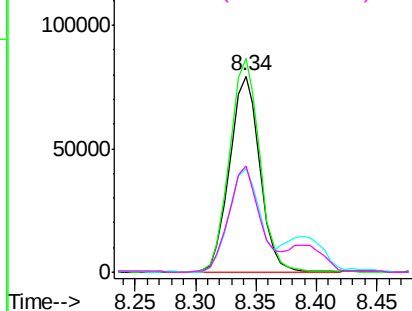
Tot Ion	107	Resp	138464
Ion Ratio	Lower	Upper	
107	100		
108	109.0	87.1	130.7
77	53.1	43.7	65.5
79	54.1	42.5	63.7

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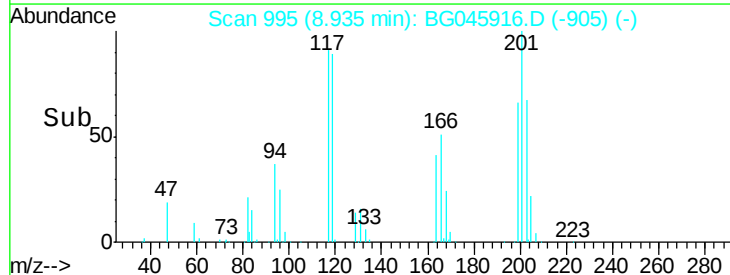
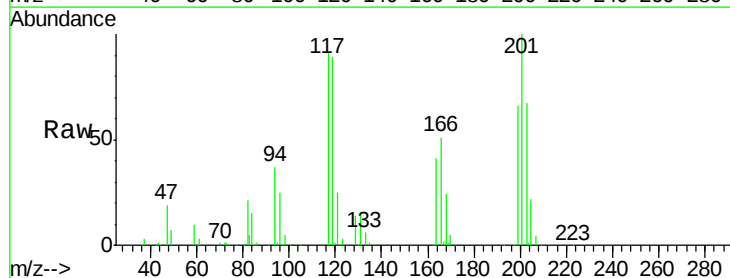
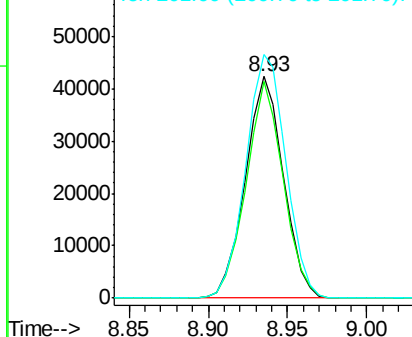
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

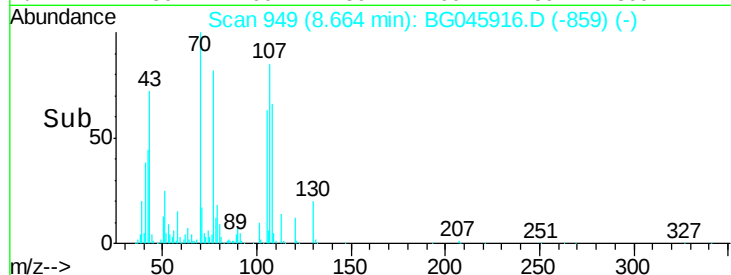
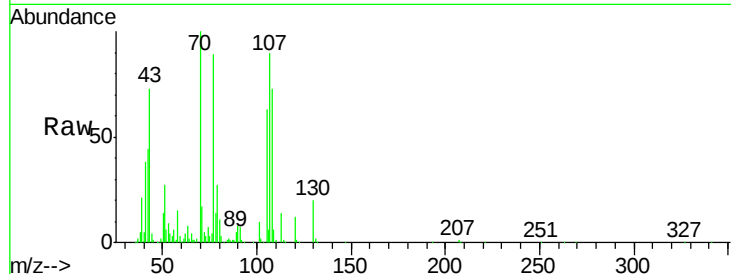
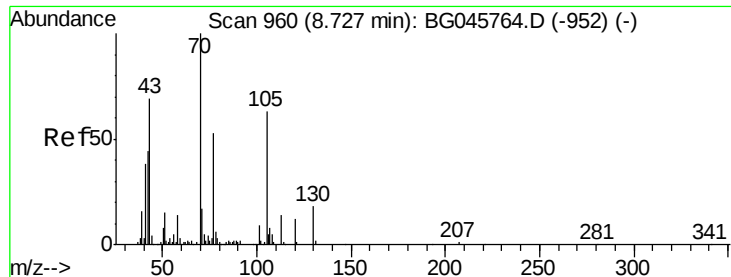


#18
Hexachloroethane
Concen: 47.005 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	117	Resp	70677
Ion Ratio	Lower	Upper	
117	100		
119	97.9	74.6	111.8
201	110.0	94.6	141.8

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





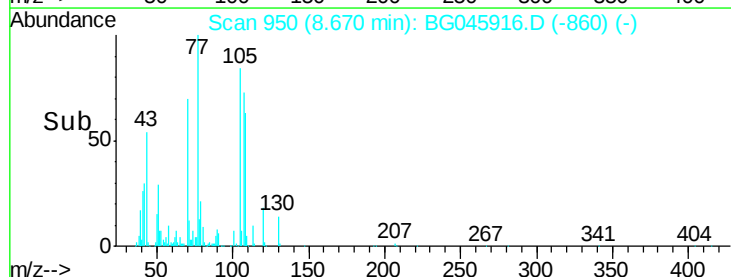
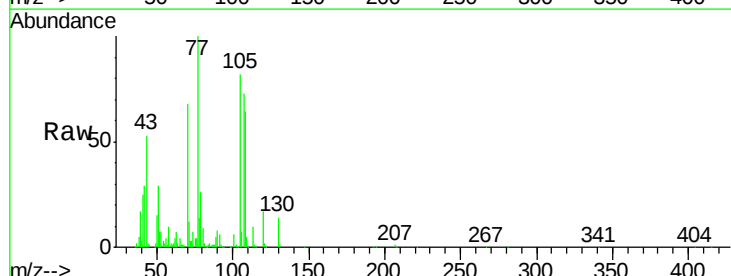
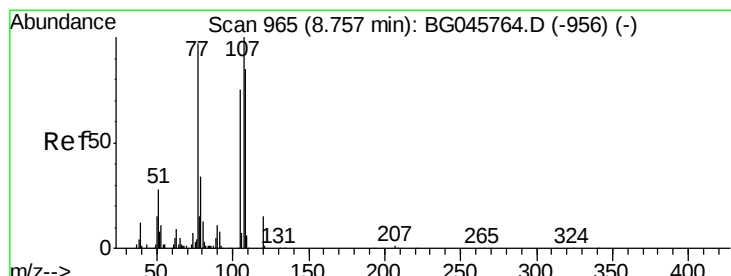
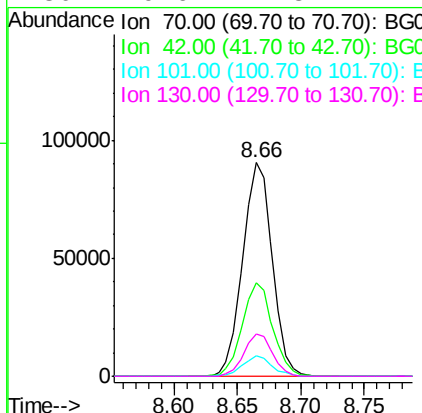
#19
n-Nitroso-di-n-propylamine
Concen: 47.057 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.9	35.6	53.4		
101	9.8	6.6	10.0		
130	19.6	14.8	22.2		

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

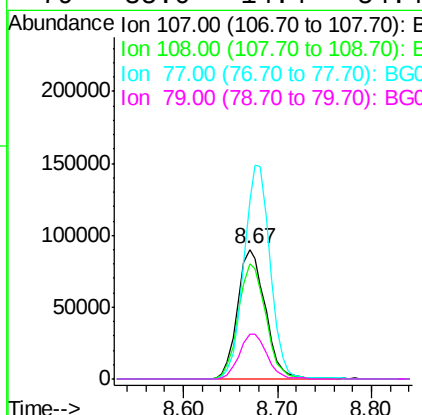
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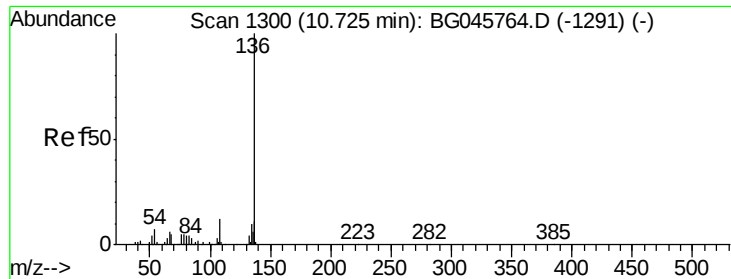
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#20
3+4-Methylphenols
Concen: 41.155 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.3	69.4	109.4		
77	136.9	101.0	141.0		
79	35.0	14.4	54.4		





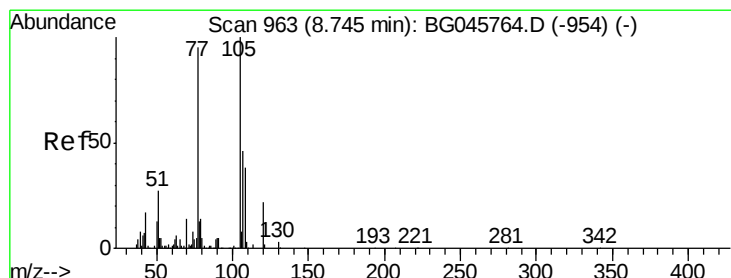
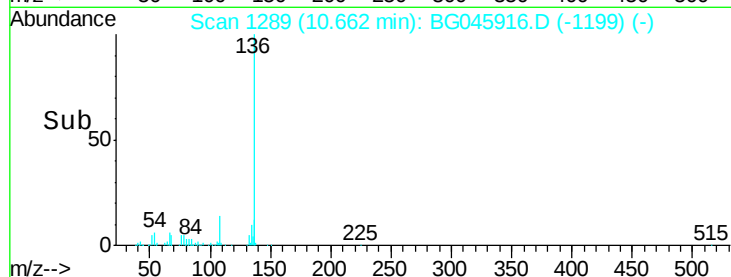
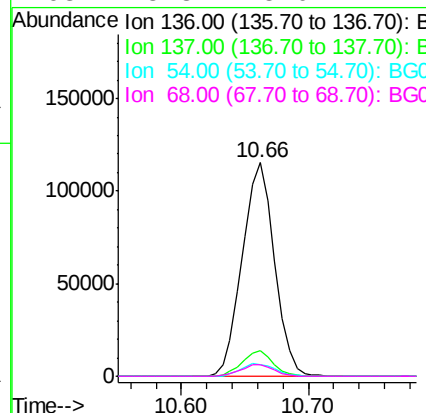
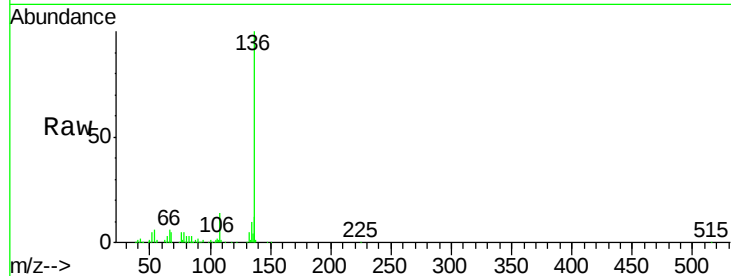
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		203268		
137	11.7		8.2	12.4	
54	5.6		4.6	7.0	
68	5.3		5.0	7.4	

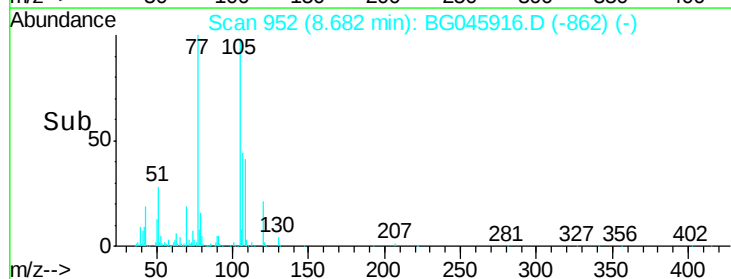
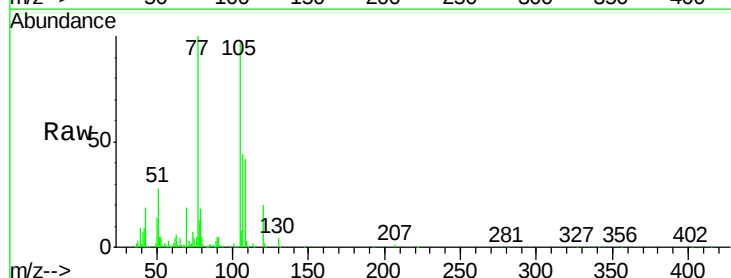
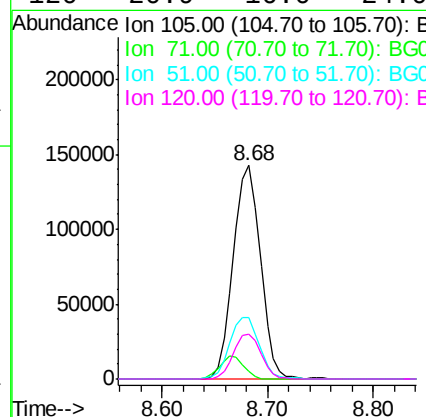
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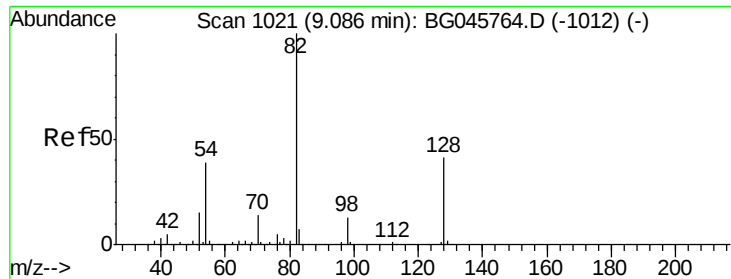
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#22
Acetophenone
Concen: 45.676 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		254833		
71	3.5		2.2	3.4#	
51	28.7		24.4	36.6	
120	20.9		16.0	24.0	





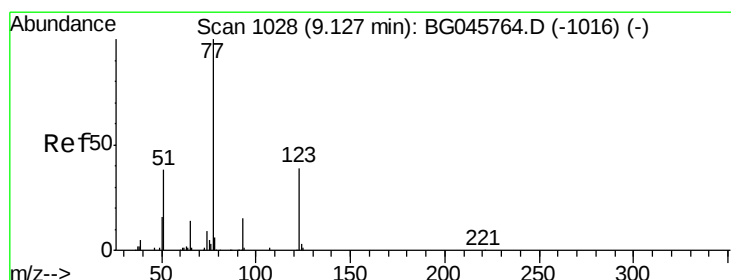
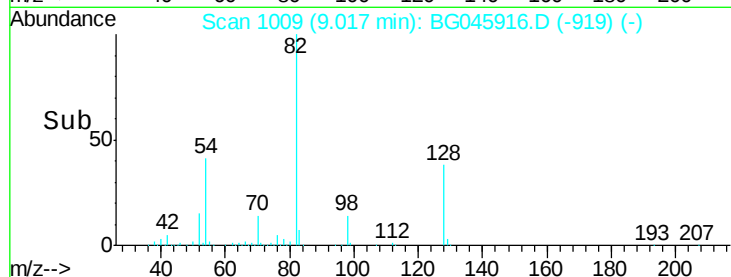
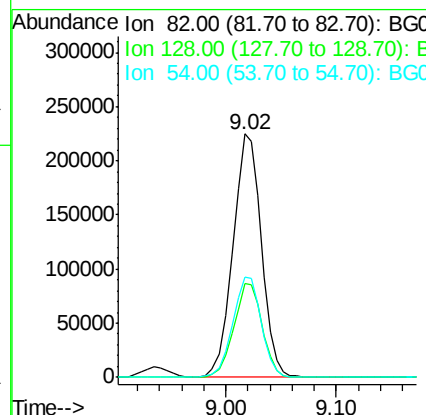
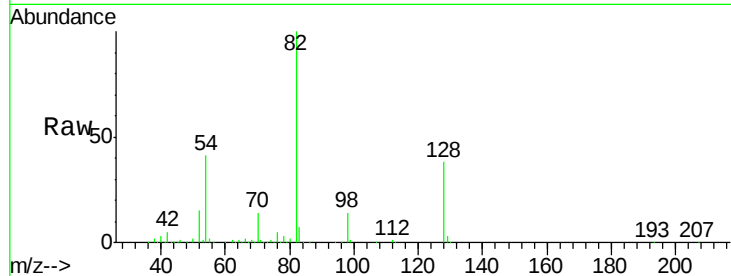
#23
Nitrobenzene-d5
Concen: 90.605 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.9	44.9
54	41.2	33.3	49.9

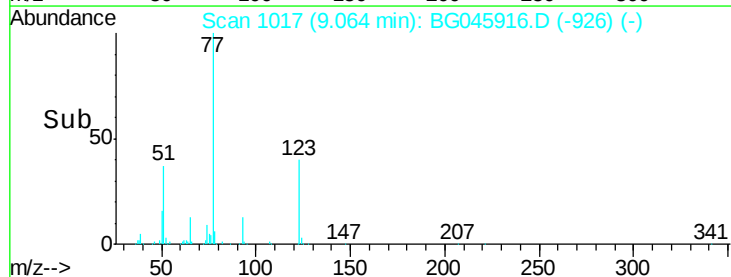
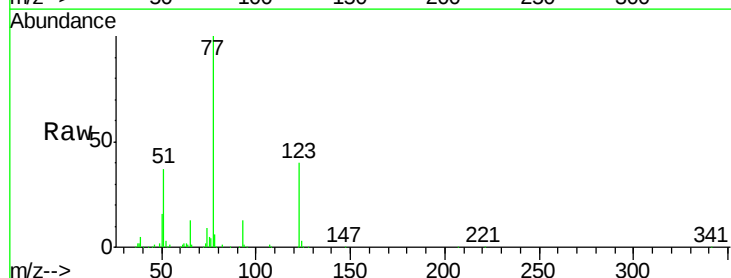
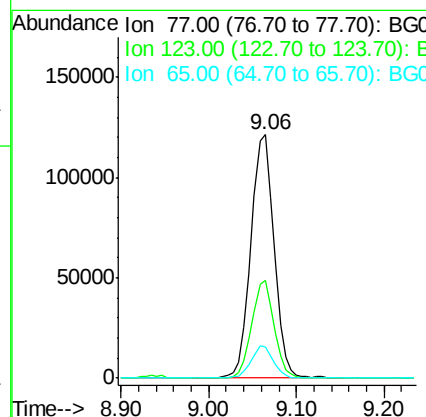
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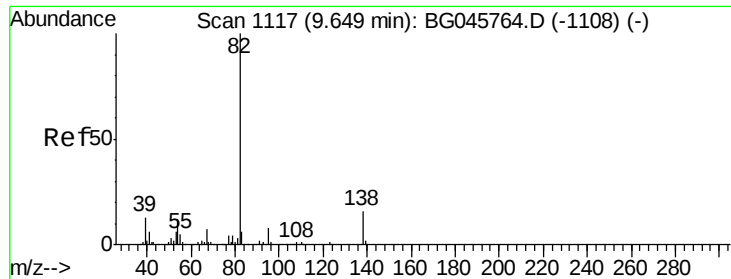
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#24
Nitrobenzene
Concen: 45.786 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	30.3	45.5
65	12.6	11.0	16.6





#25

Isophorone

Concen: 46.148 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

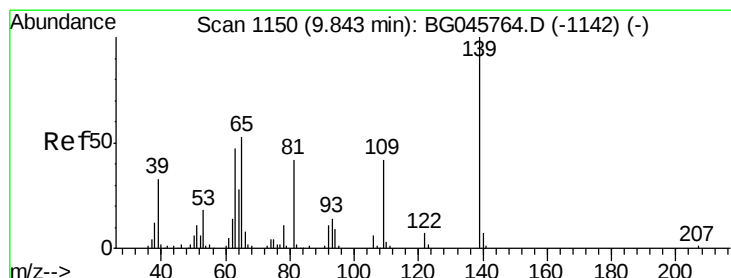
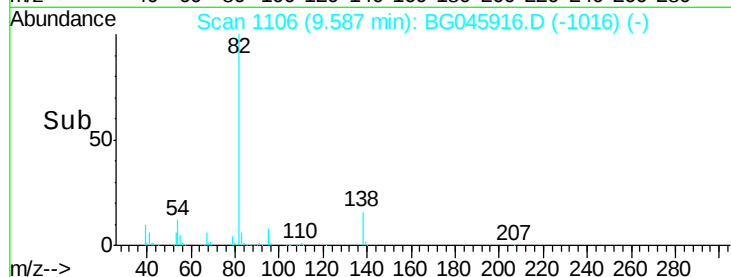
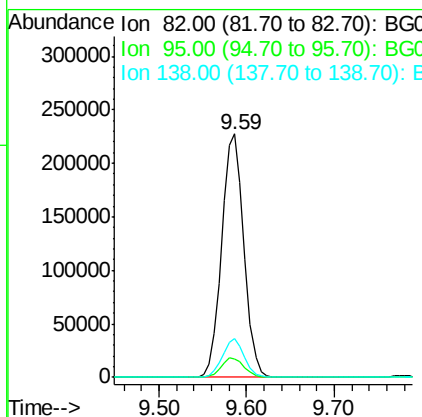
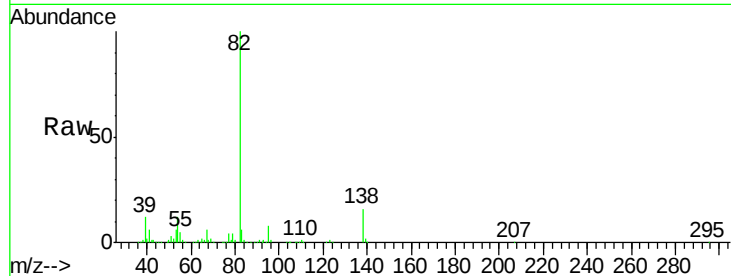
ClientSampleId :

SP2-LMSD

Tot Ion:	82	Resp:	397509
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	15.9	12.4	18.6

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#26

2-Nitrophenol

Concen: 45.835 ng

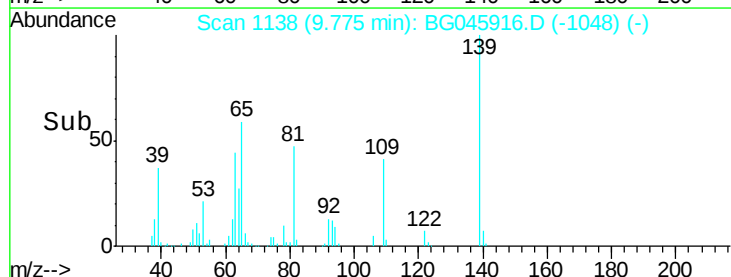
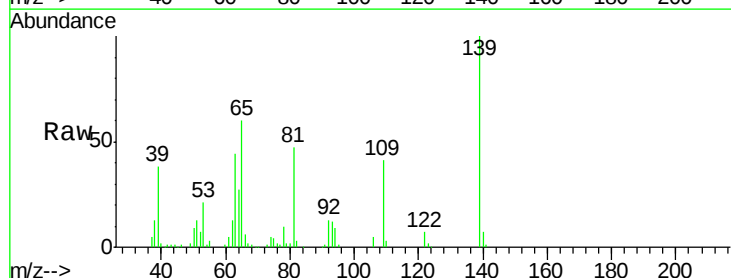
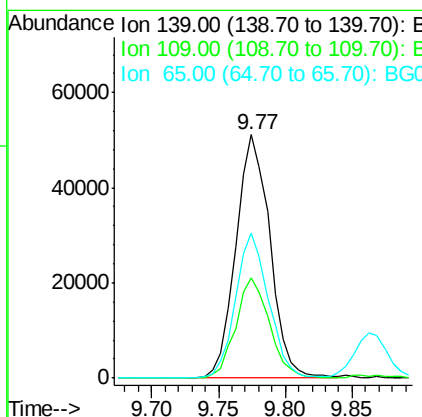
RT: 9.77 min Scan# 1138

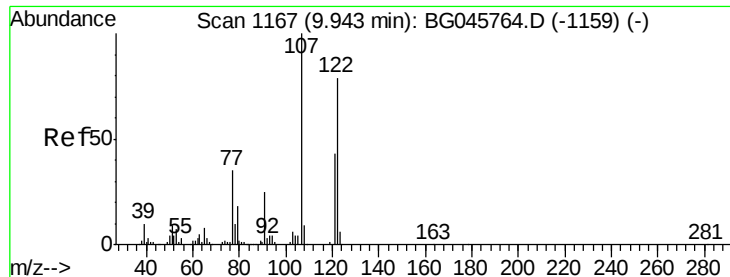
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	139	Resp:	90593
Ion Ratio	Lower	Upper	
139	100		
109	41.4	34.2	51.4
65	59.7	47.6	71.4





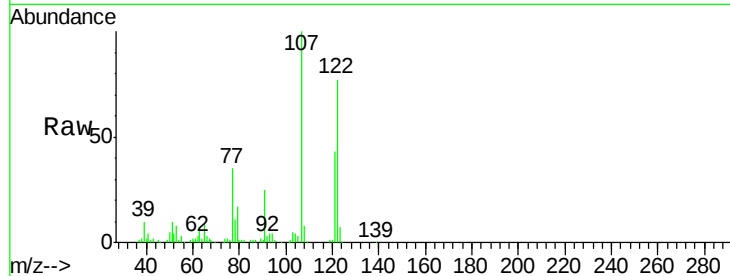
#27
2,4-Dimethylphenol
Concen: 47.261 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

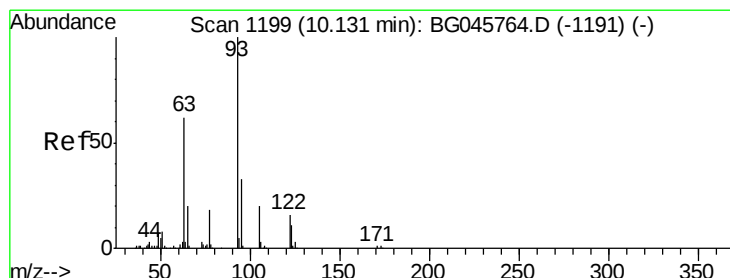
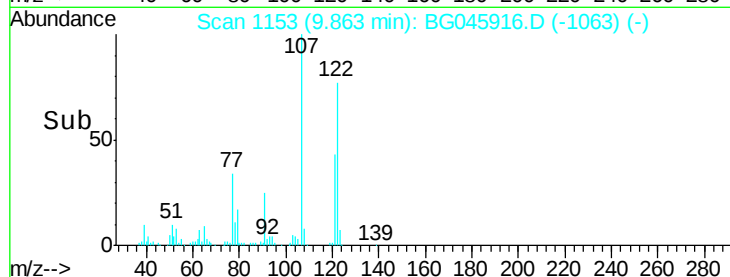
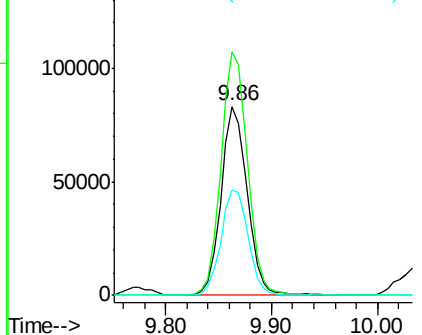
Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.1	106.1	159.1	
121	55.7	49.0	73.6	

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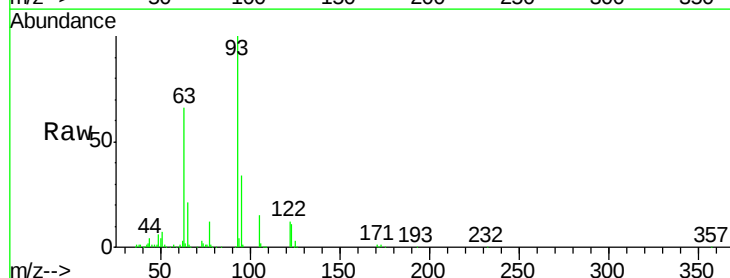


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

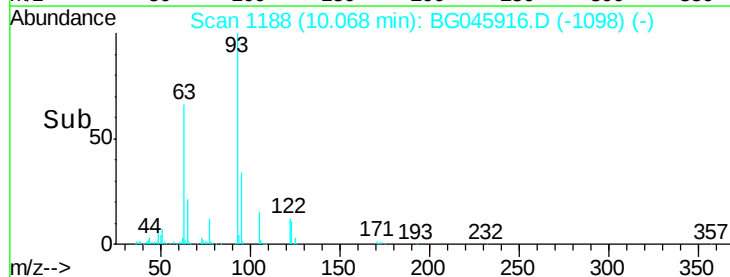
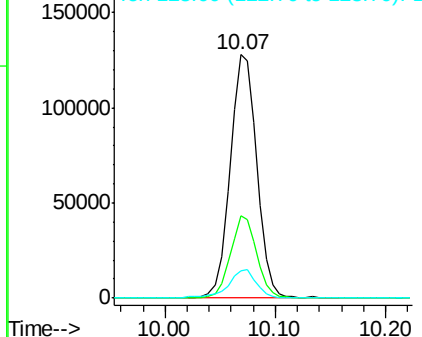


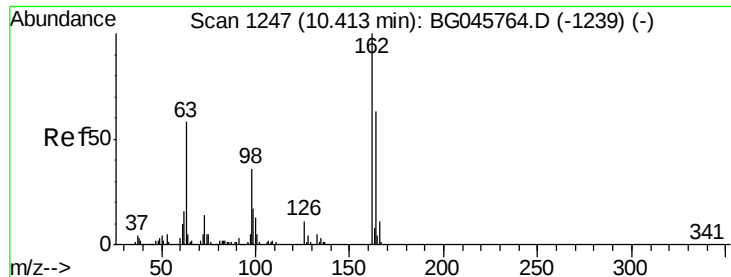
#28
bis(2-Chloroethoxy)methane
Concen: 48.212 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.1	28.2	42.2	
123	11.4	9.2	13.8	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





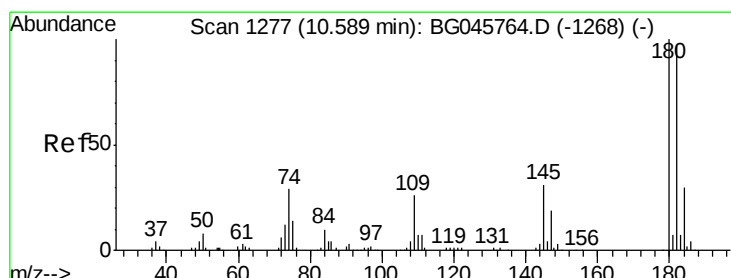
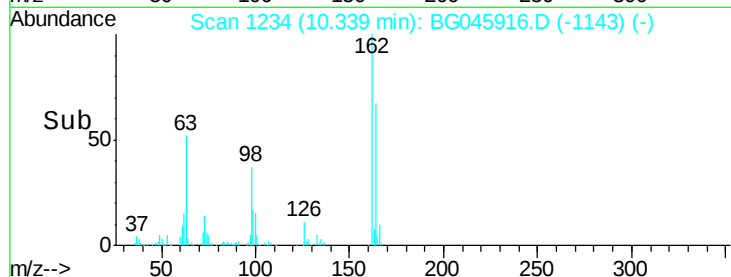
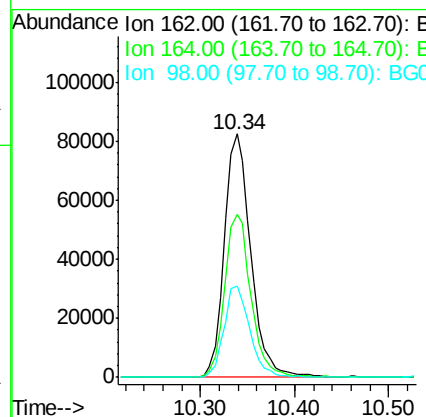
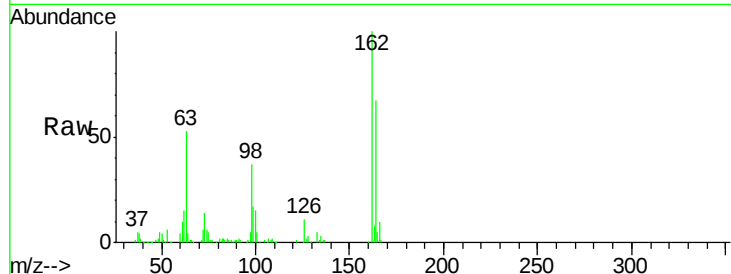
#29
 2,4-Dichlorophenol
 Concen: 46.004 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampled :
 SP2-LMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.8	41.9	81.9
98	37.4	17.1	57.1

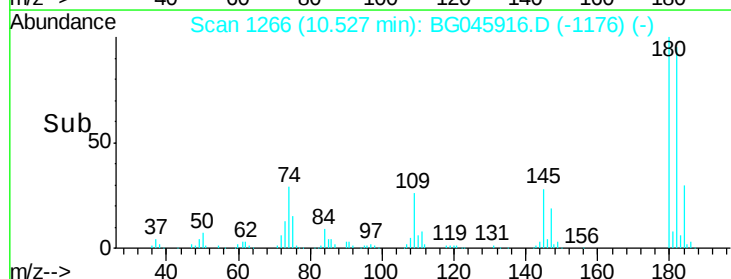
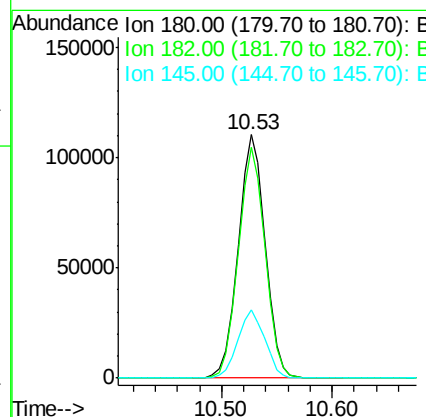
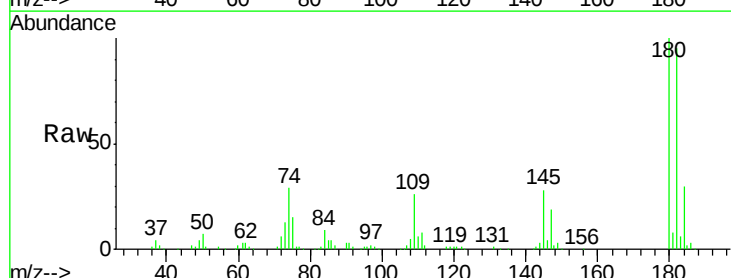
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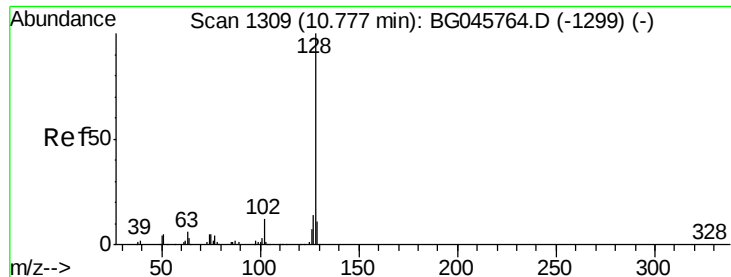
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.398 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	75.8	113.6
145	28.1	22.7	34.1





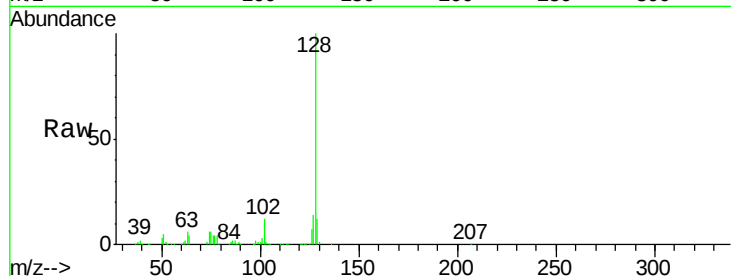
#31
Naphthalene
Concen: 45.258 ng
RT: 10.71 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

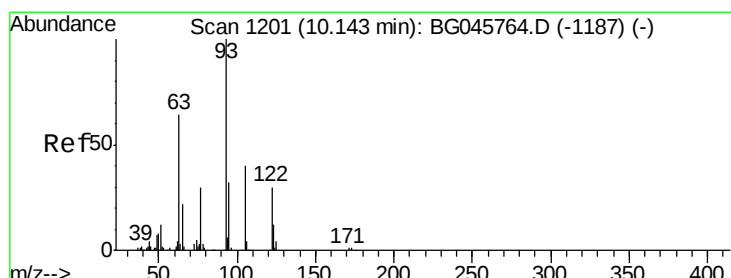
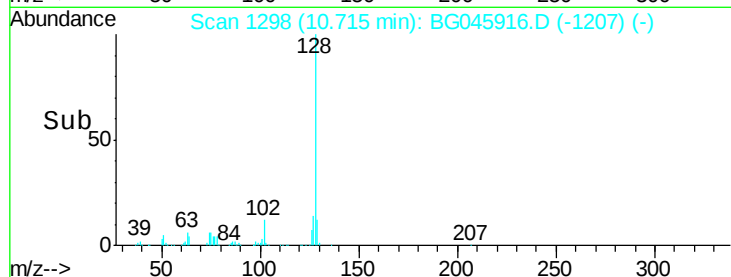
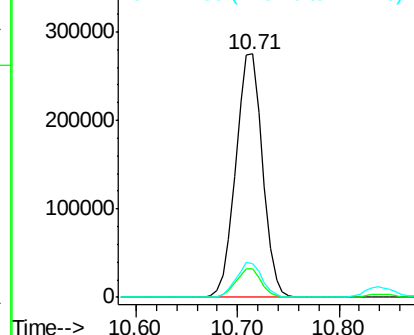
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.1	13.7	
127	13.9	10.8	16.2	

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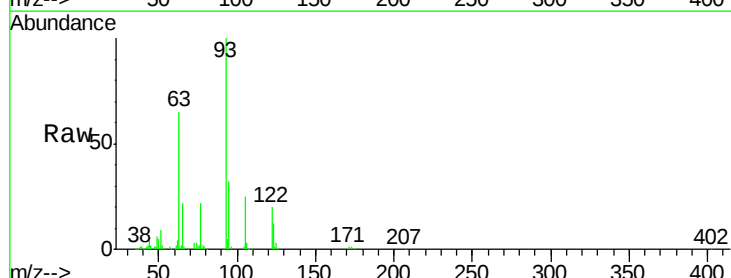


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

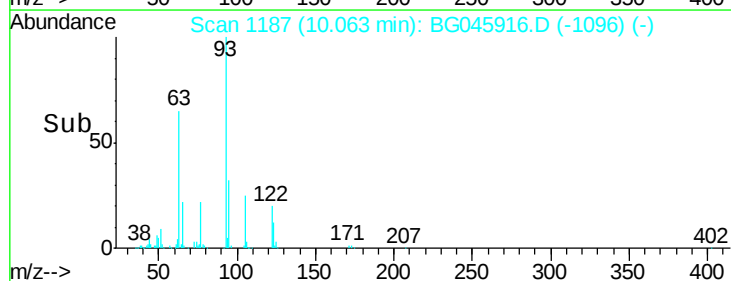
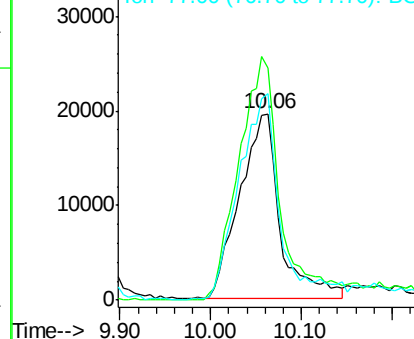


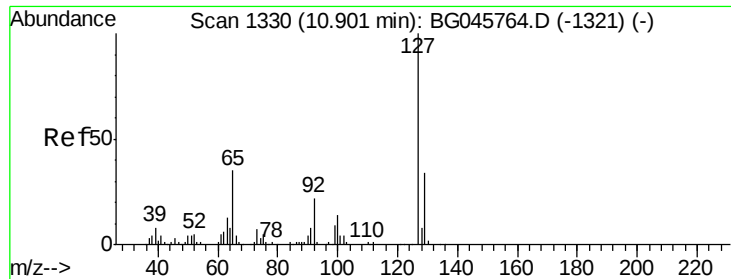
#32
Benzoic acid
Concen: 34.123 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.7	123.1	163.1	
77	111.0	93.9	133.9	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





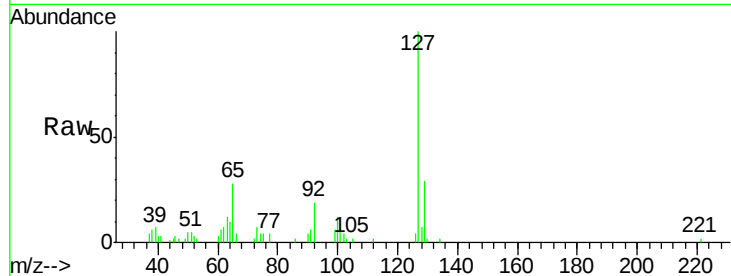
#33
4-Chloroaniline
Concen: 5.413 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

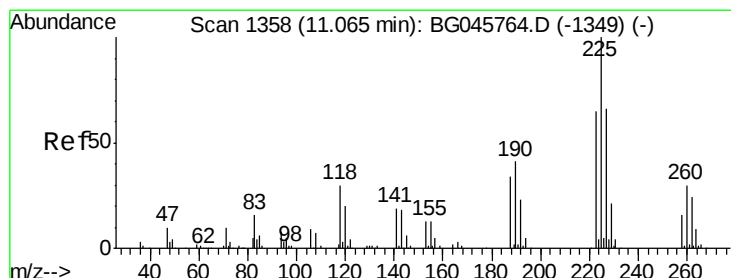
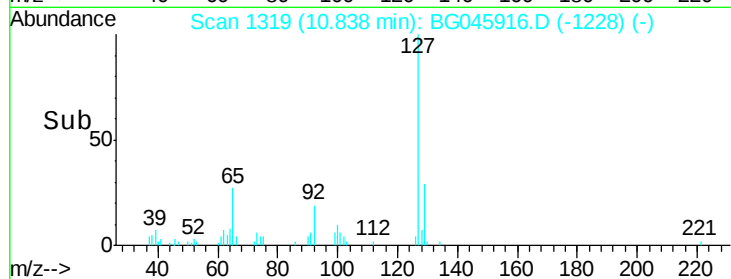
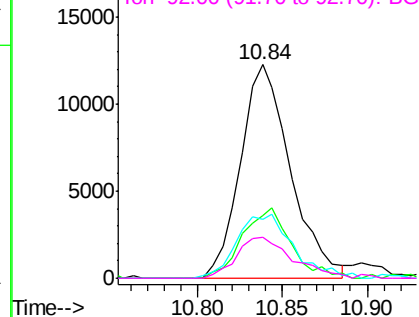
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		25189		
129	29.2	26.2	39.2		
65	27.8	26.9	40.3		
92	19.3	17.8	26.6		

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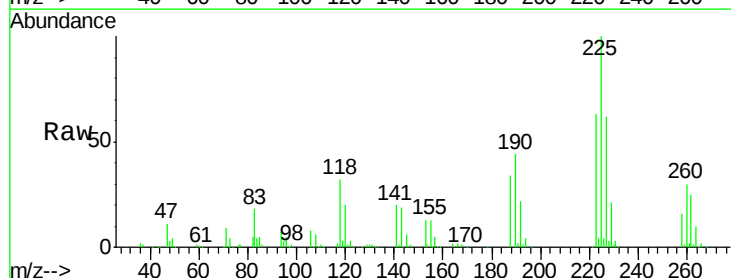


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

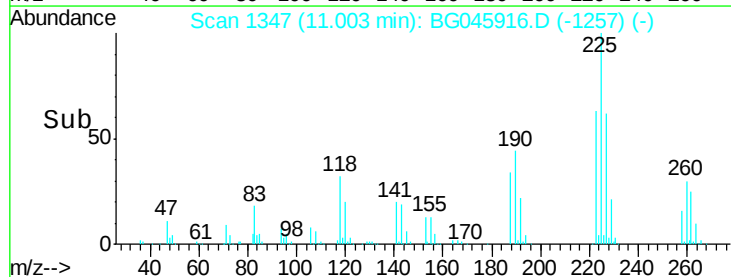
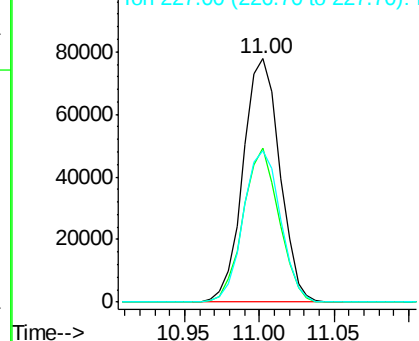


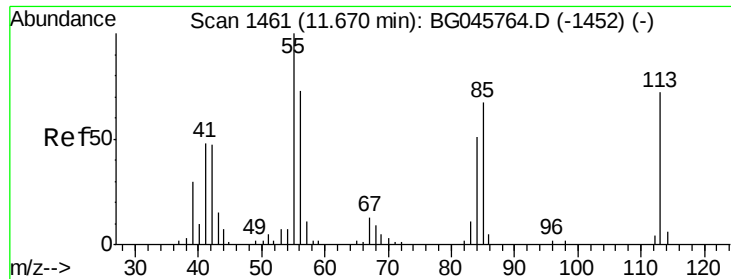
#34
Hexachlorobutadiene
Concen: 44.618 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132257		
223	63.0	52.0	78.0		
227	62.4	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.321 ng/mL

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

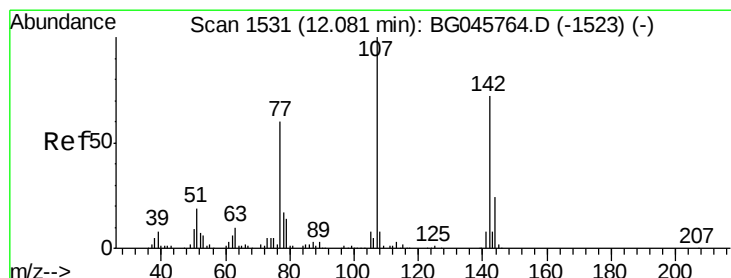
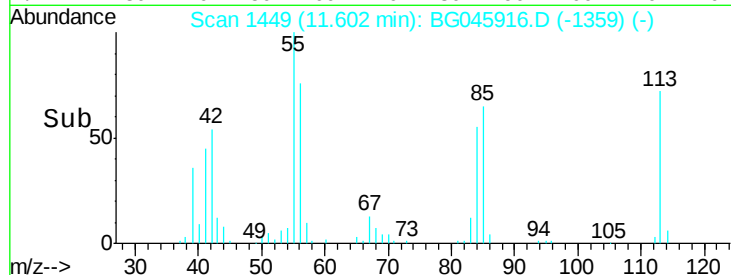
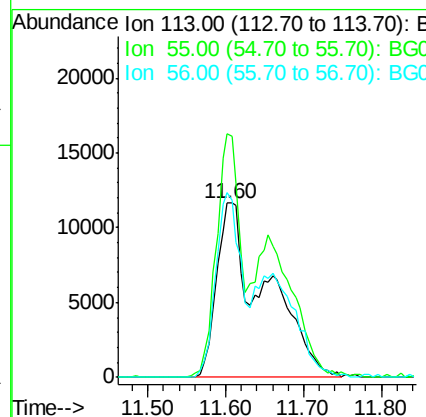
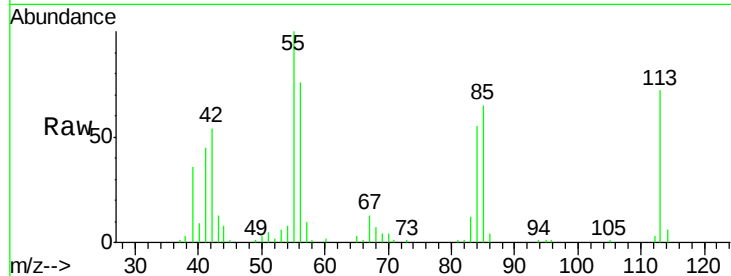
ClientSampleId :

SP2-LMSD

Tot Ion:	113	Resp:	50495
Ion Ratio	Lower	Upper	
113	100		
55	139.6	110.6	150.6
56	106.0	81.1	121.1

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#36

4-Chloro-3-methylphenol

Concen: 46.688 ng/mL

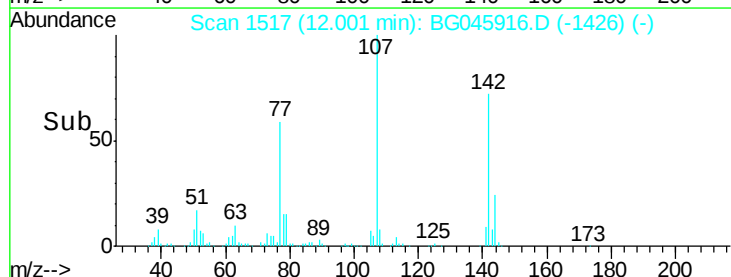
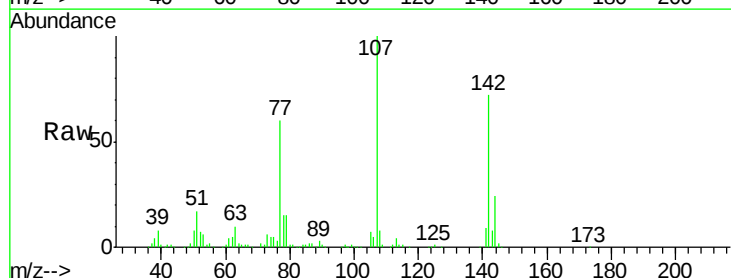
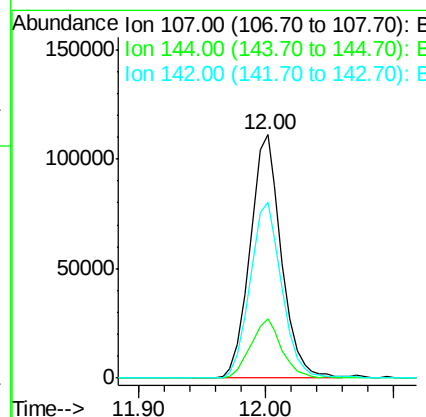
RT: 12.00 min Scan# 1517

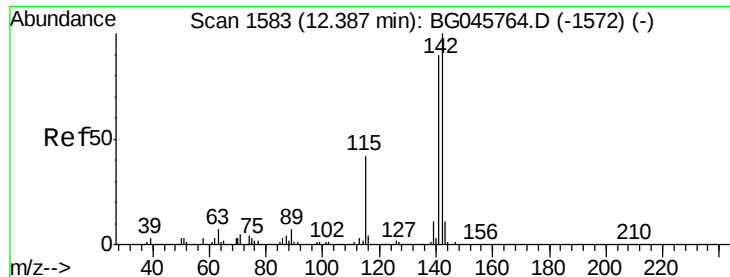
Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	107	Resp:	189787
Ion Ratio	Lower	Upper	
107	100		
144	24.4	18.7	28.1
142	72.2	55.6	83.4





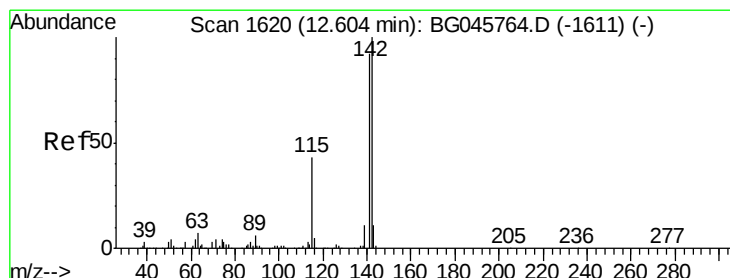
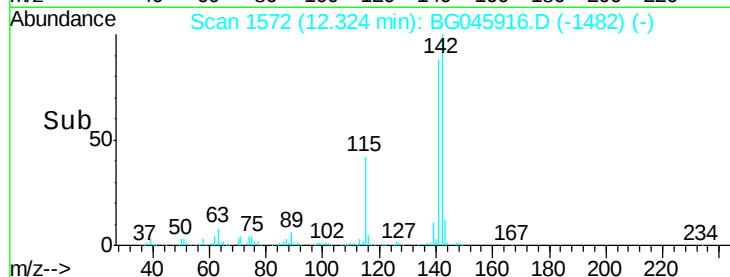
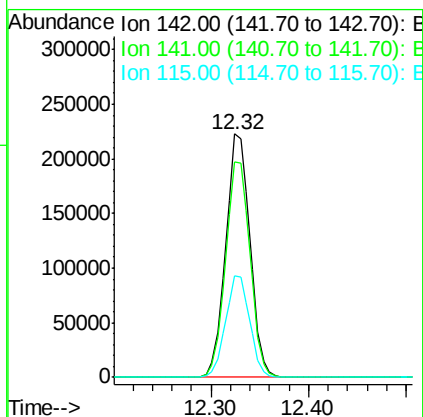
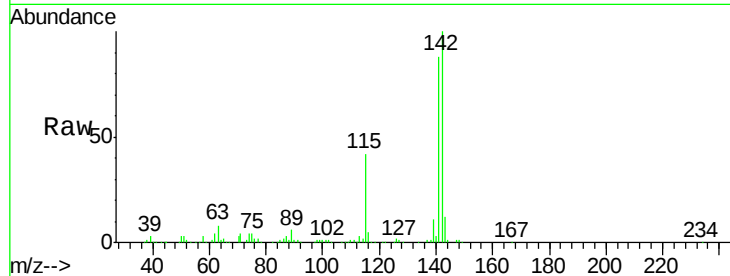
#37
2-Methylnaphthalene
Concen: 46.342 ng
RT: 12.32 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	41.9	31.7	47.5

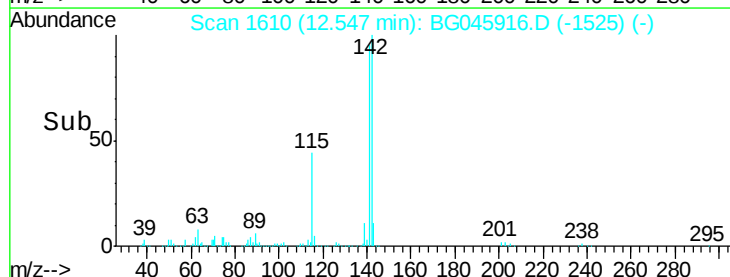
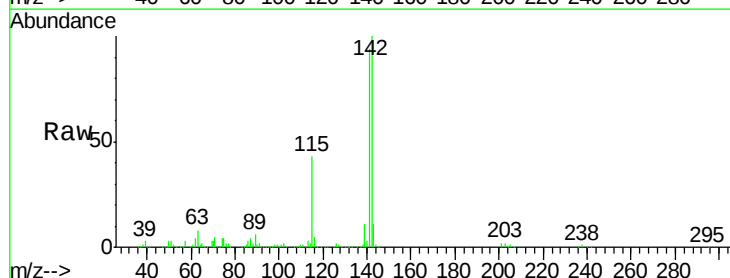
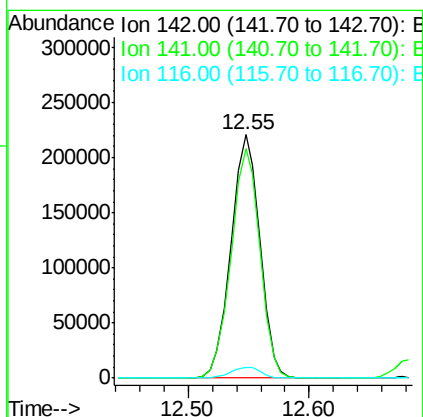
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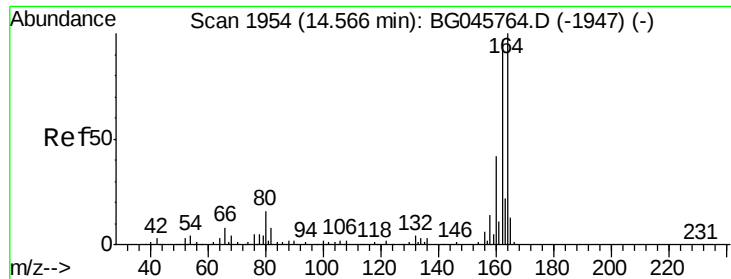
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#38
1-Methylnaphthalene
Concen: 46.794 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.5	111.7
116	4.5	3.4	5.2





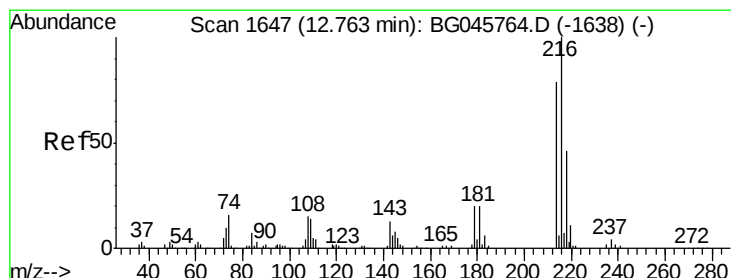
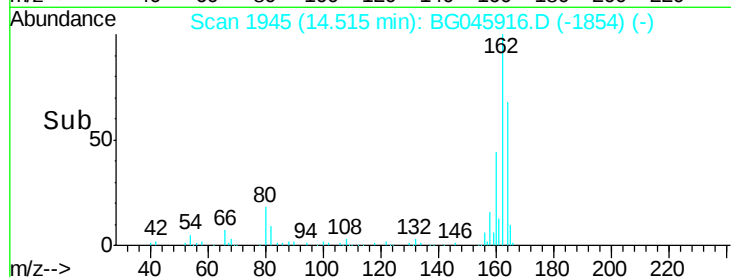
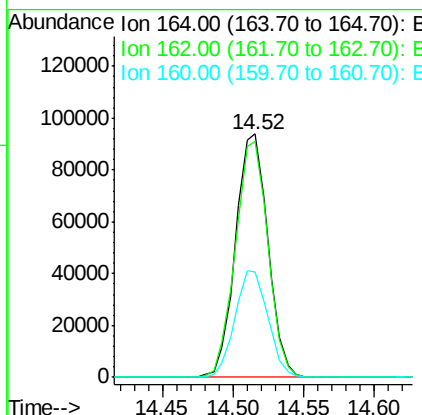
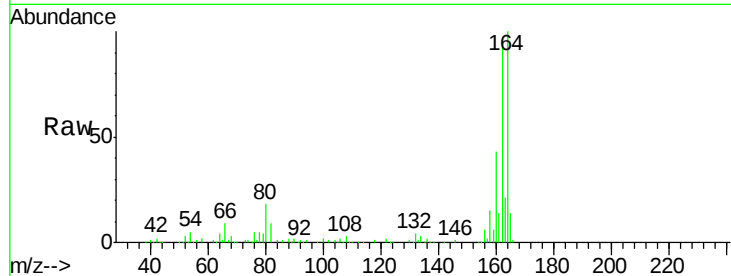
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	43.1	33.8	50.6

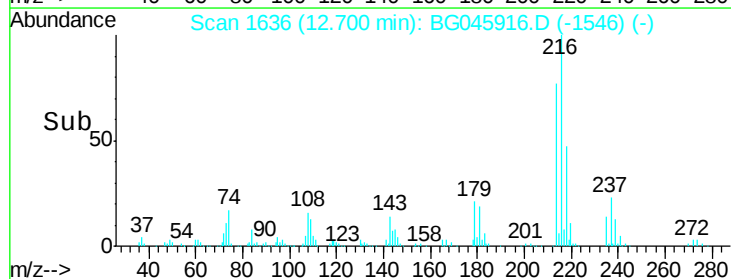
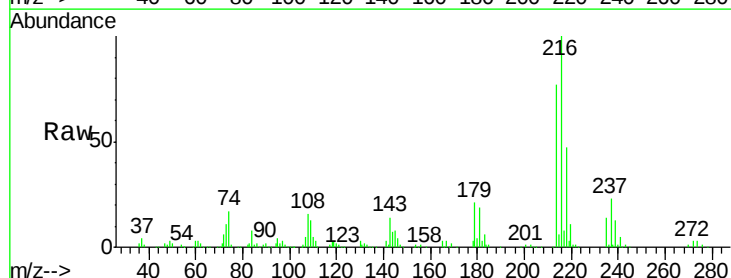
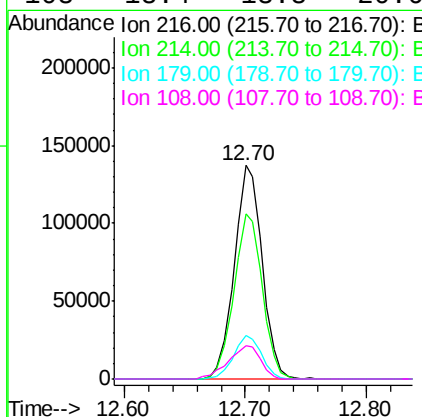
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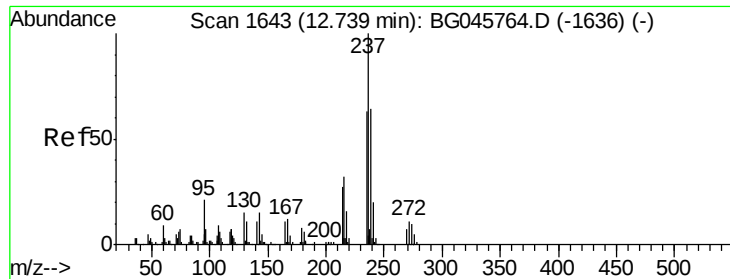
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.411 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.8	92.8
179	20.4	15.8	23.6
108	18.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 83.591 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

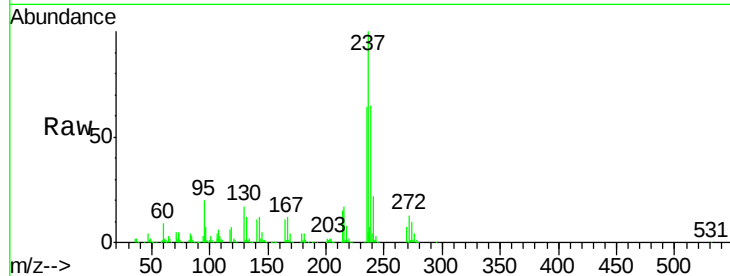
ClientSampleId :

SP2-LMSD

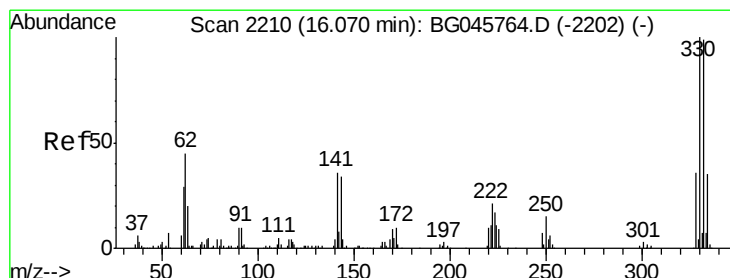
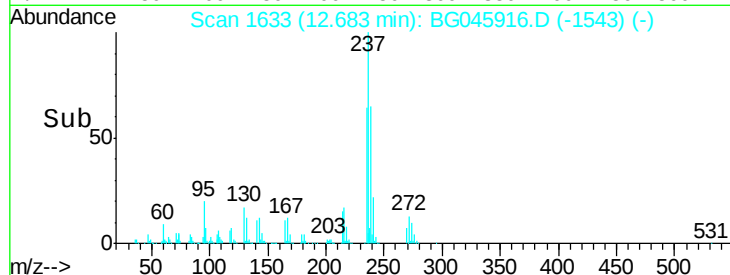
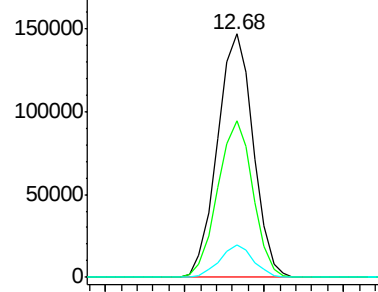
Tot Ion:	237	Resp:	229577
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.3	83.3
272	13.1	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.613 ng

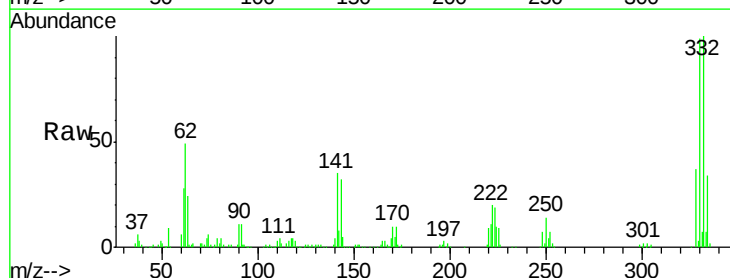
RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

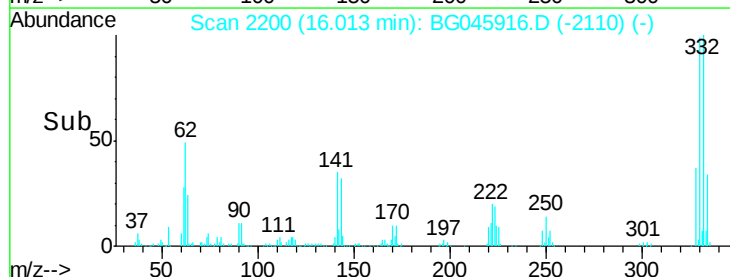
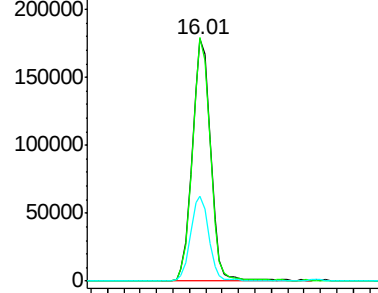
Lab File: BG045916.D

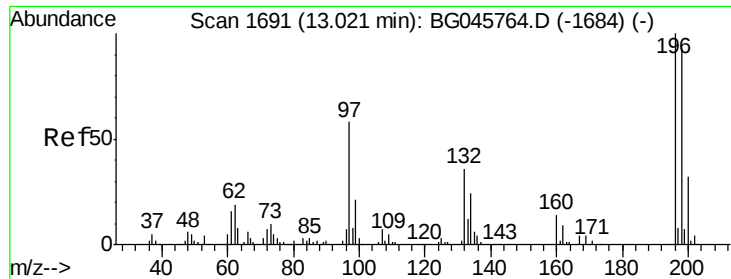
Acq: 2 Jul 2020 16:03

Tgt Ion:	330	Resp:	280386
Ion Ratio	Lower	Upper	
330	100		
332	97.8	79.4	119.0
141	35.0	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





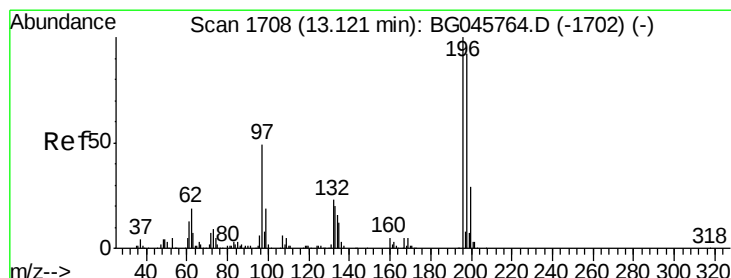
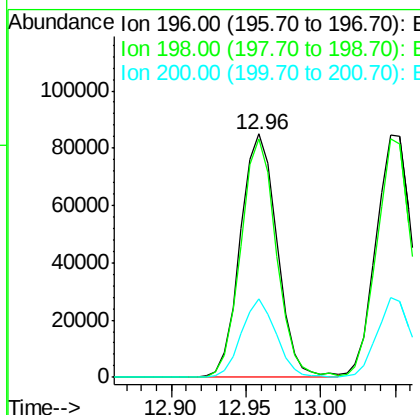
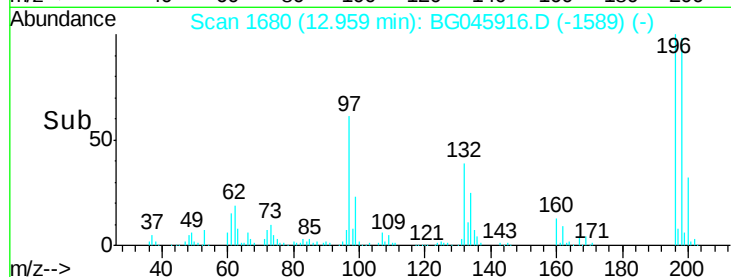
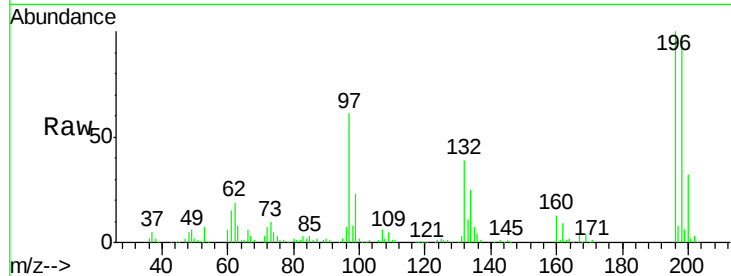
#43
 2,4,6-Trichlorophenol
 Concen: 43.120 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampled :
 SP2-LMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144630		
198	98.1	78.1	117.1	
200	32.3	25.8	38.6	

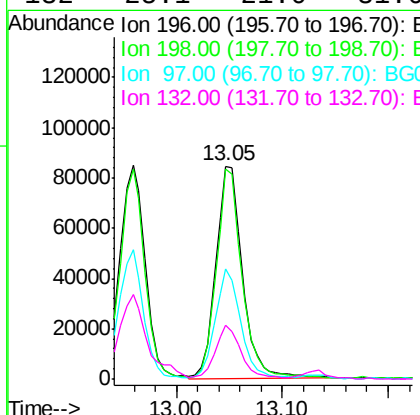
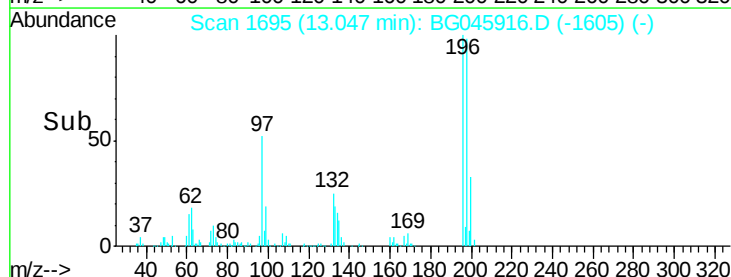
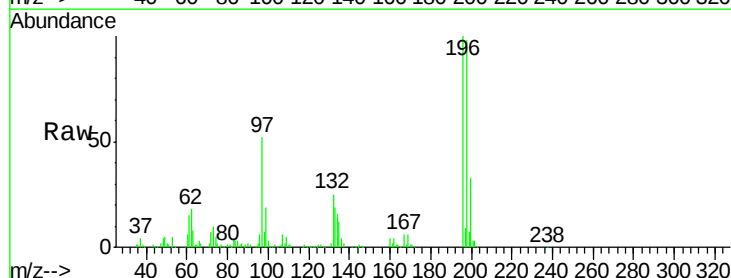
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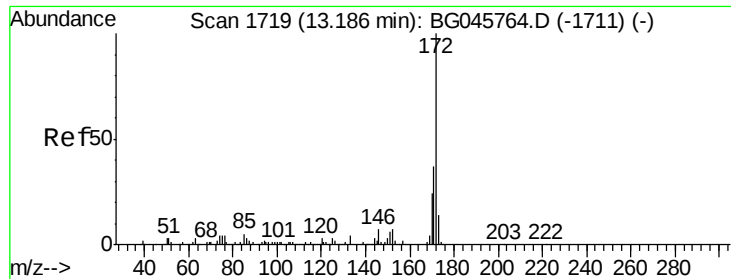
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#44
 2,4,5-Trichlorophenol
 Concen: 38.676 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147848		
198	98.4	76.5	114.7	
97	51.8	39.9	59.9	
132	25.1	21.0	31.6	





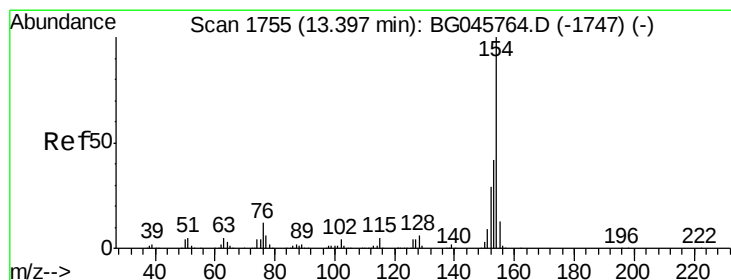
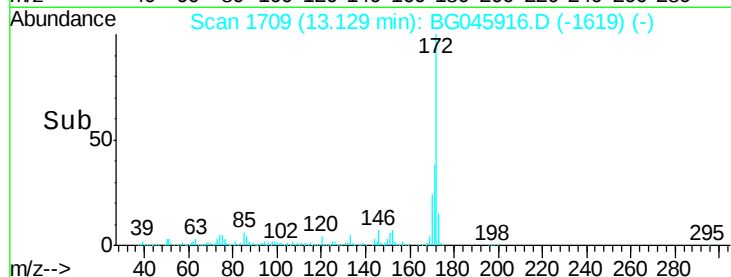
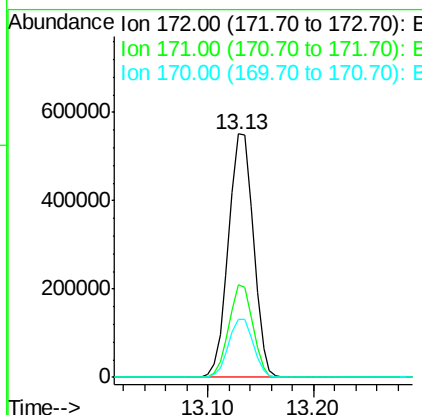
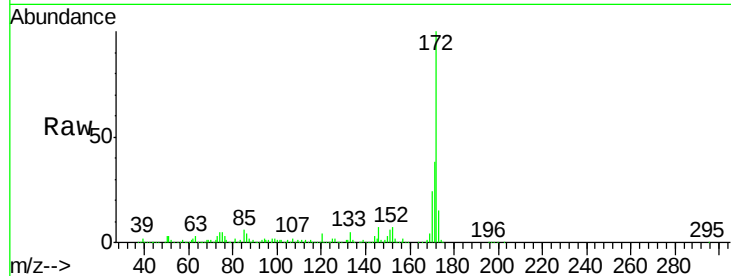
#45
2-Fluorobiphenyl
Concen: 87.918 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.5	42.7
170	23.6	18.9	28.3

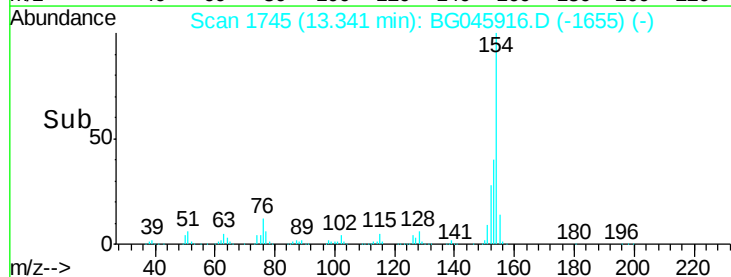
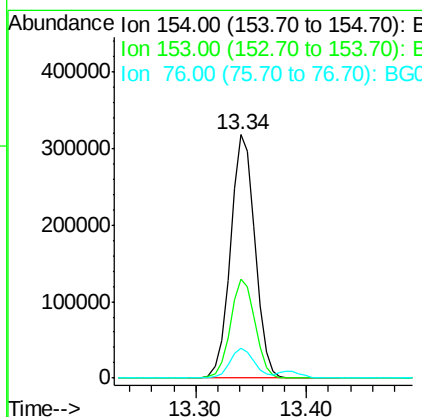
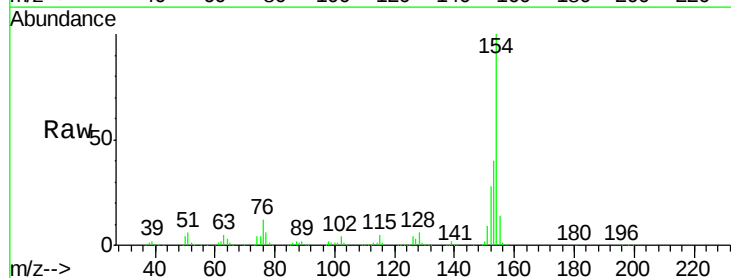
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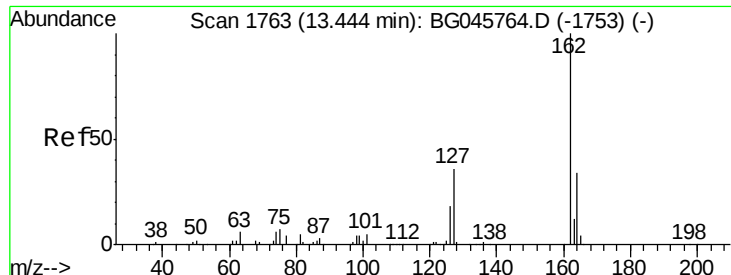
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#46
1,1'-Biphenyl
Concen: 45.828 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	12.2	0.0	32.9





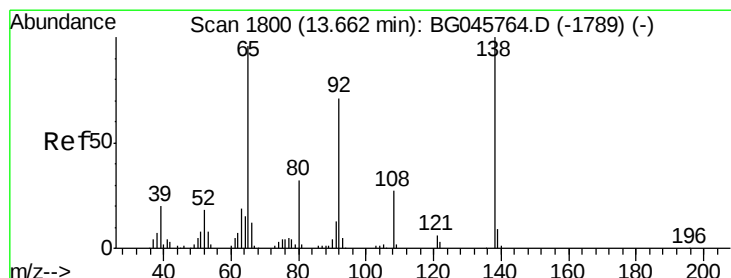
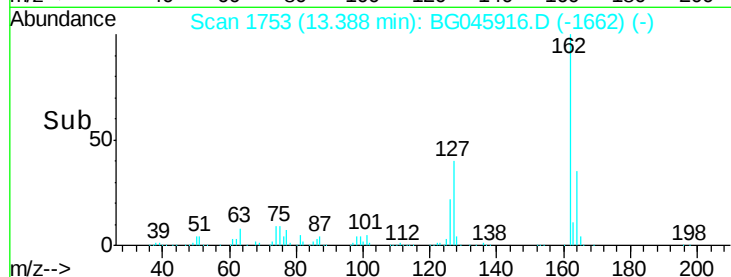
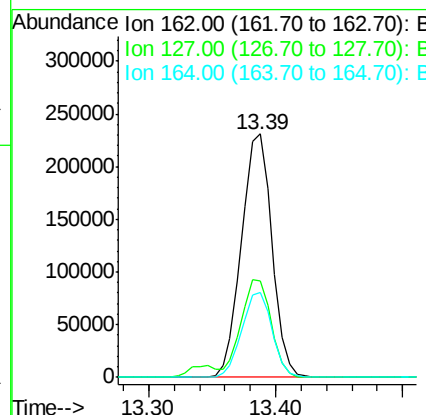
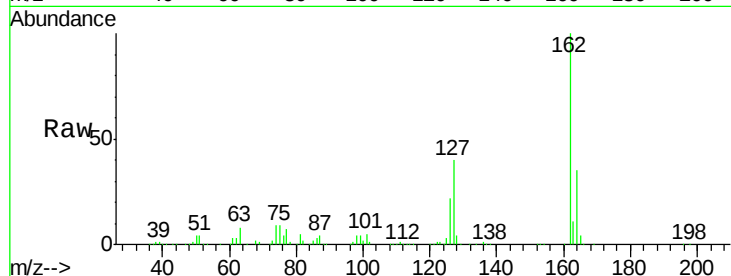
#47
 2-Chloronaphthalene
 Concen: 44.322 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.4	47.0
164	34.8	28.1	42.1

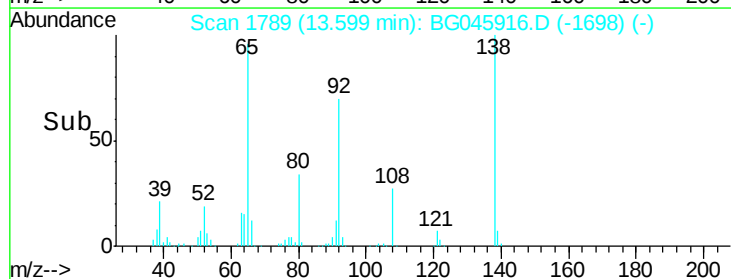
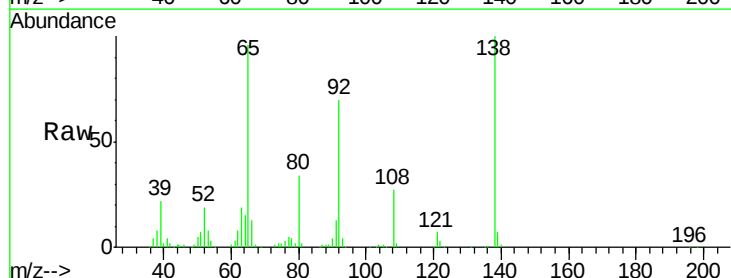
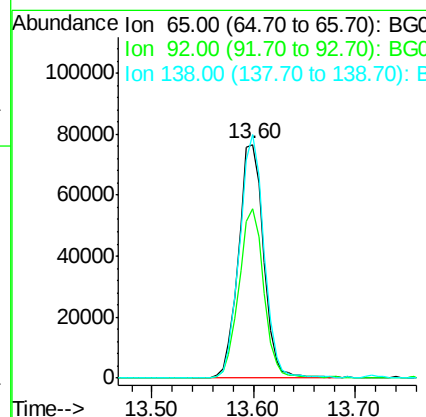
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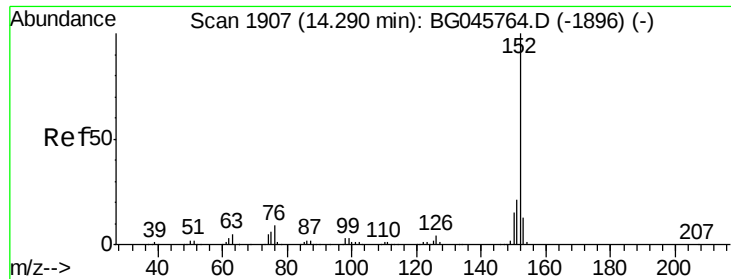
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#48
 2-Nitroaniline
 Concen: 45.956 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	54.1	81.1
138	104.2	79.0	118.6





#49

Acenaphthylene

Concen: 45.109 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

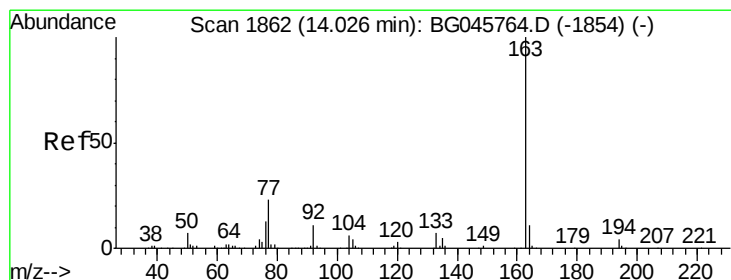
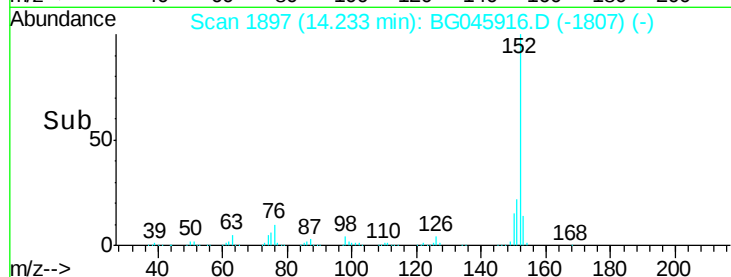
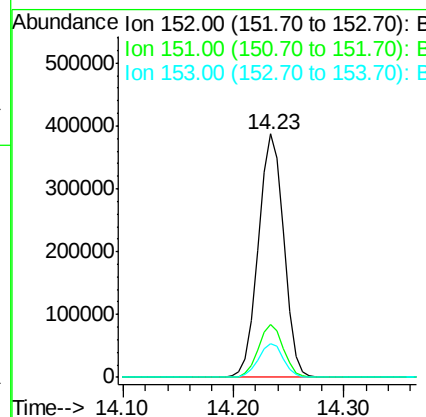
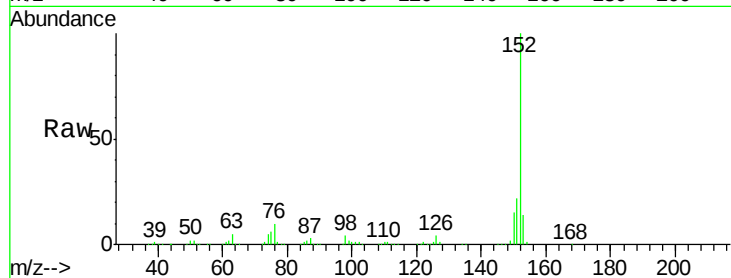
ClientSampled :

SP2-LMSD

Tot Ion:	152	Resp:	627803
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.0	25.4
153	13.7	11.4	17.0

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#50

Dimethylphthalate

Concen: 50.561 ng

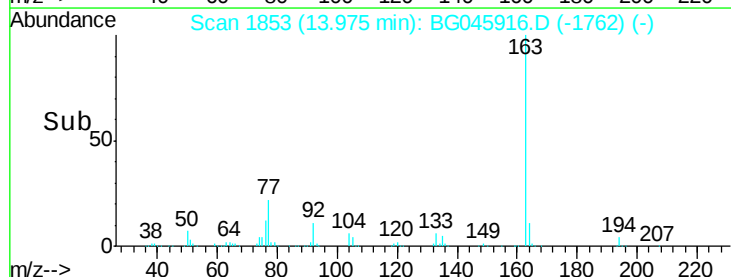
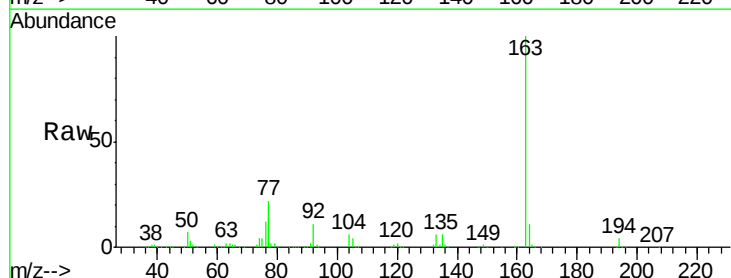
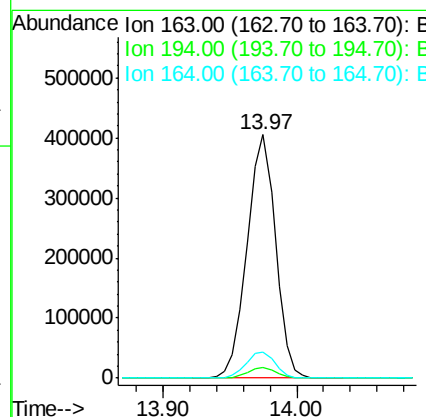
RT: 13.97 min Scan# 1853

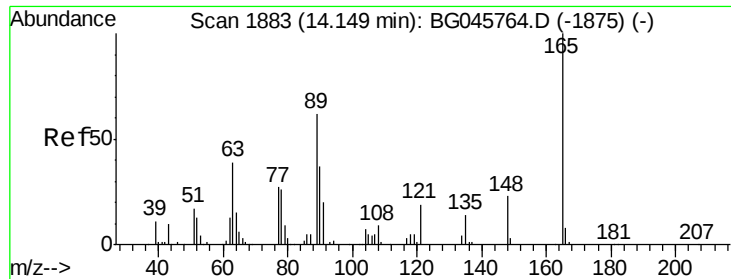
Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	163	Resp:	595103
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 45.039 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampled :

SP2-LMSD

Tot Ion:165 Resp: 119064
Ion Ratio Lower Upper

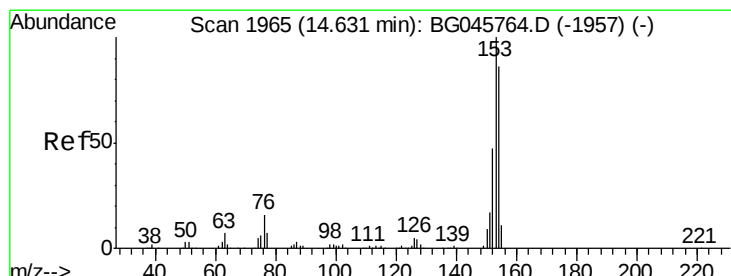
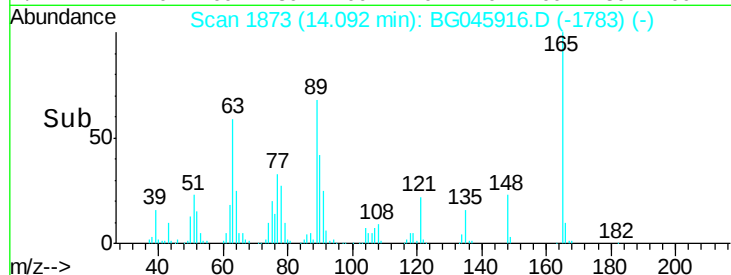
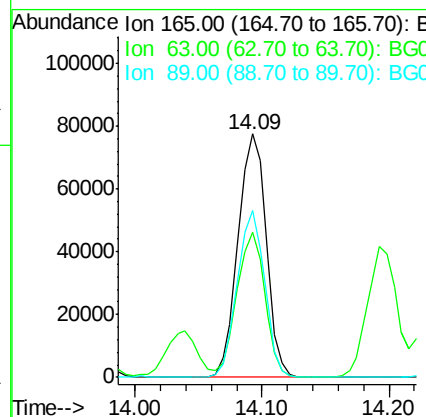
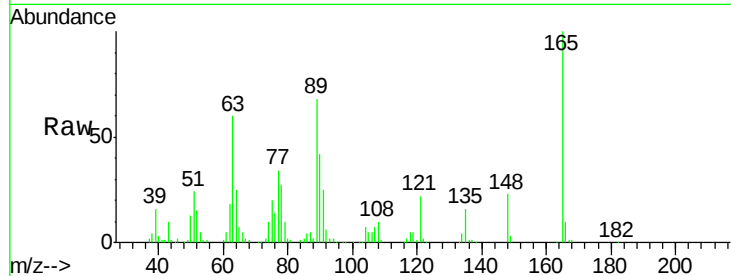
165 100

63 59.6 41.4 62.2

89 68.4 45.4 68.0#

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#52

Acenaphthene

Concen: 45.428 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG045916.D

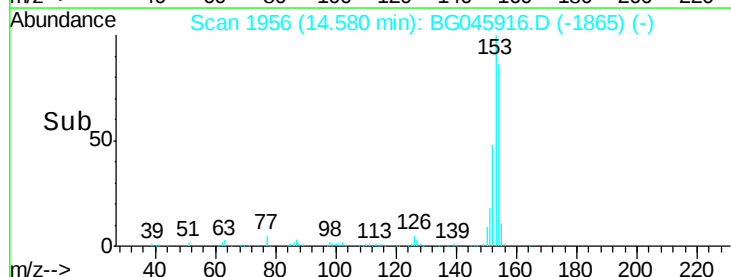
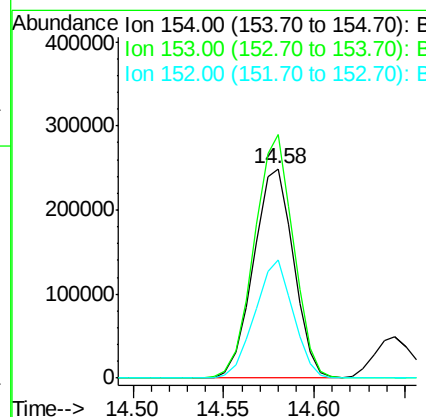
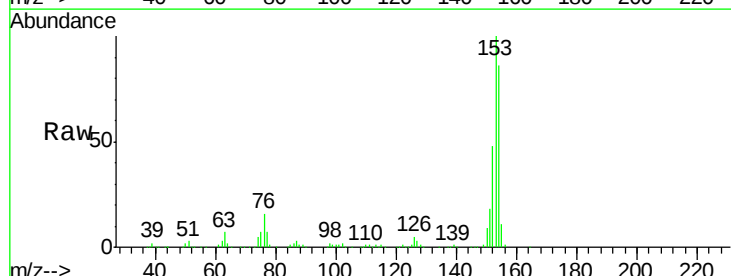
Acq: 2 Jul 2020 16:03

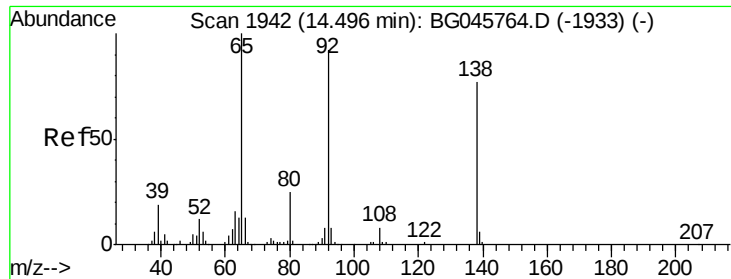
Tgt Ion:154 Resp: 383233
Ion Ratio Lower Upper

154 100

153 116.2 92.5 138.7

152 56.2 43.4 65.2





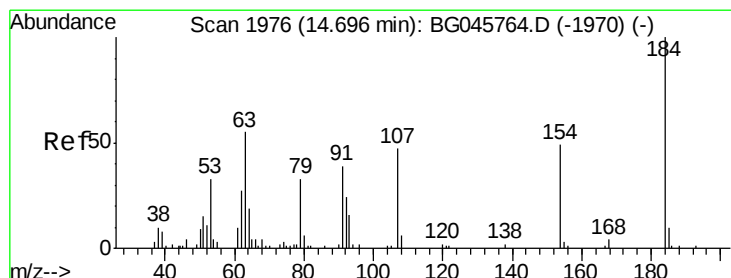
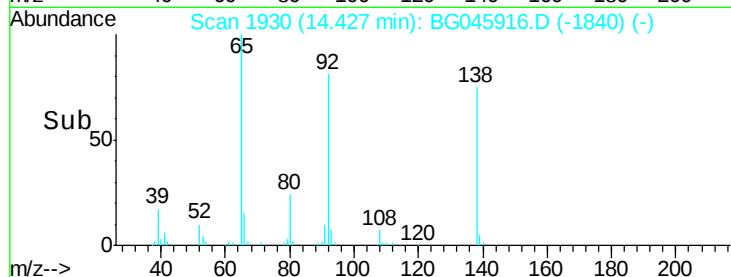
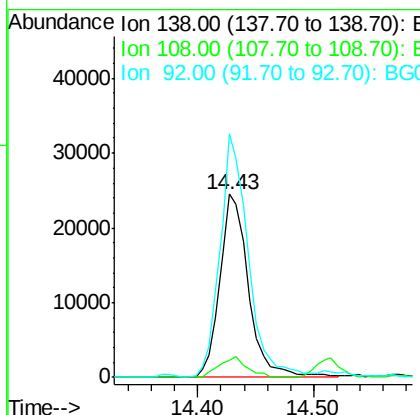
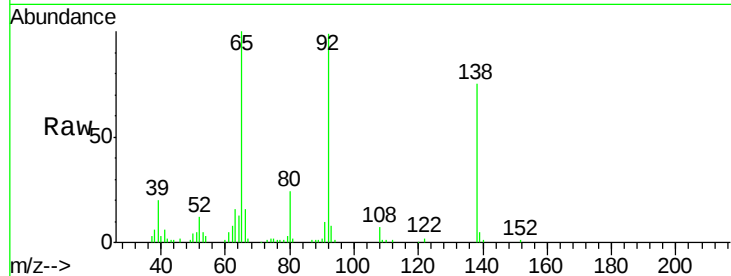
#53
3-Nitroaniline
Concen: 16.010 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.2	12.2
92	132.9	101.3	151.9

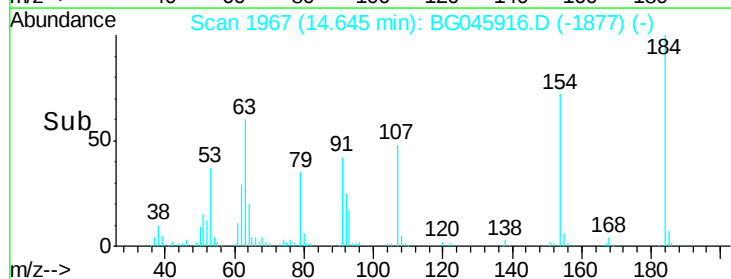
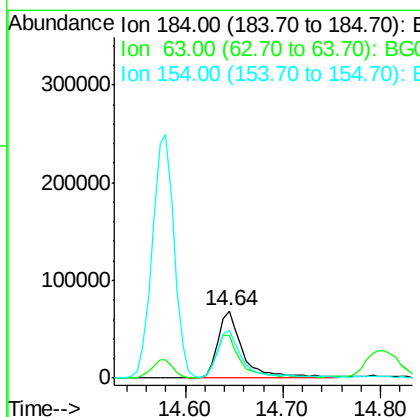
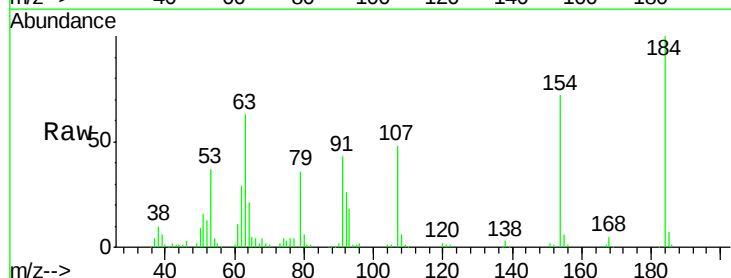
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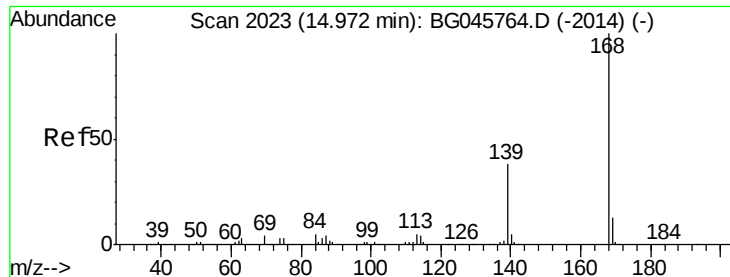
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#54
2,4-Dinitrophenol
Concen: 83.386 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	49.4	74.0
154	71.7	59.8	89.8





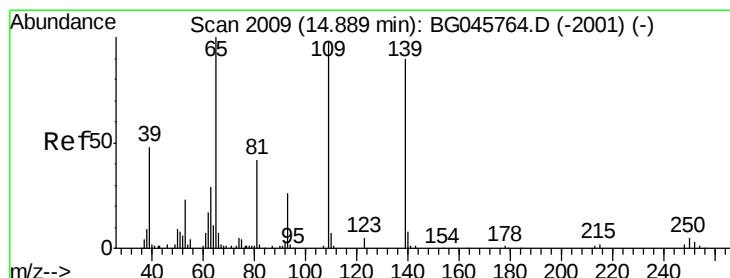
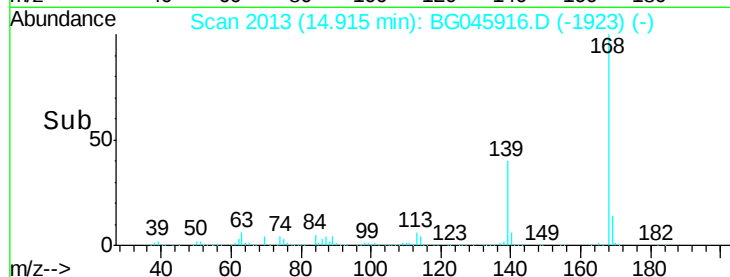
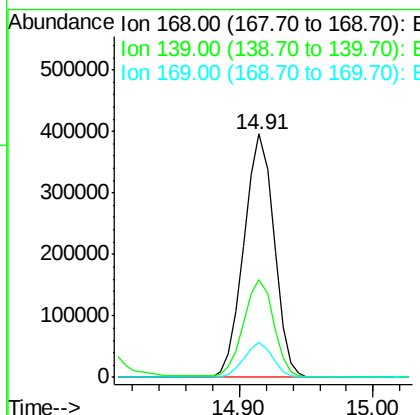
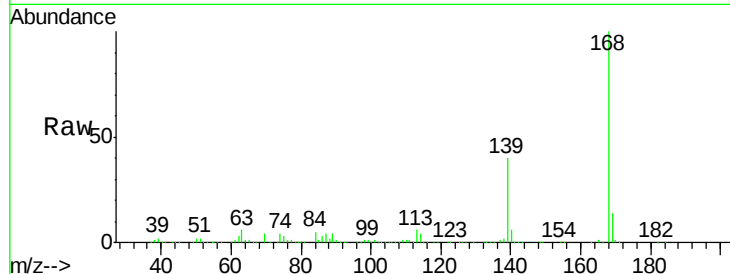
#55
Dibenzenofuran
Concen: 44.996 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.6	48.8
169	14.2	11.4	17.2

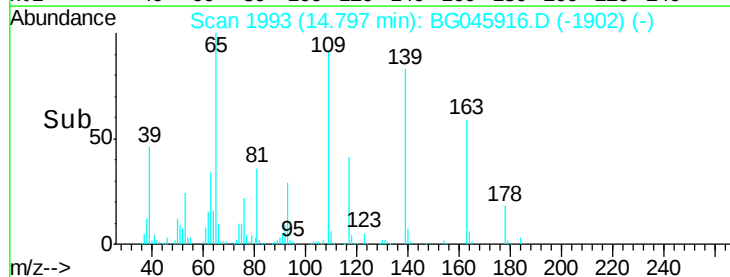
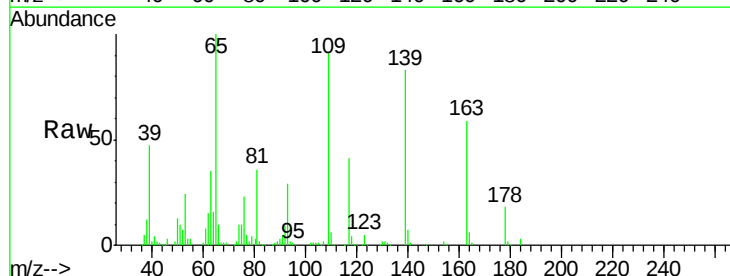
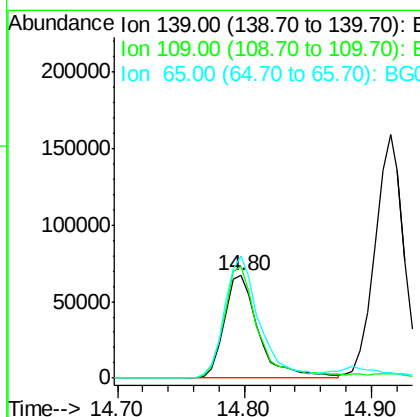
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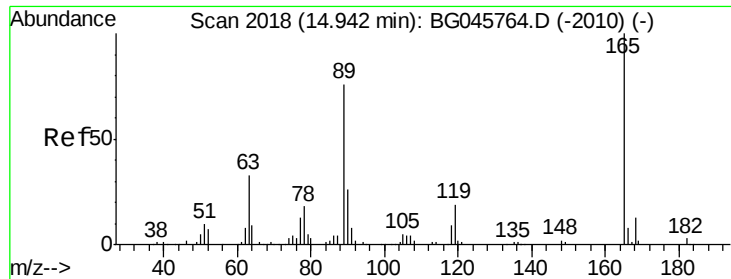
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#56
4-Nitrophenol
Concen: 67.873 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.6	79.2	119.2
65	119.9	91.0	131.0





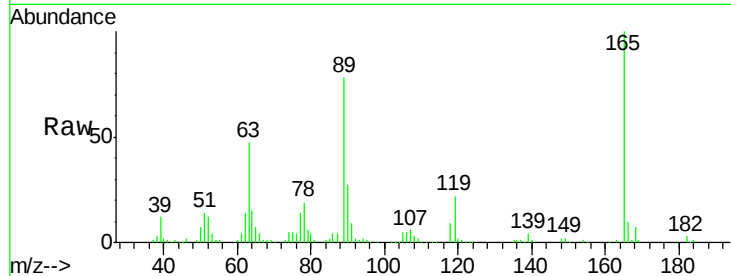
#57
2,4-Dinitrotoluene
Concen: 46.335 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175500		
63	47.3	34.5	51.7	
89	77.6	60.8	91.2	
182	3.5	2.3	3.5	

Manual Integrations
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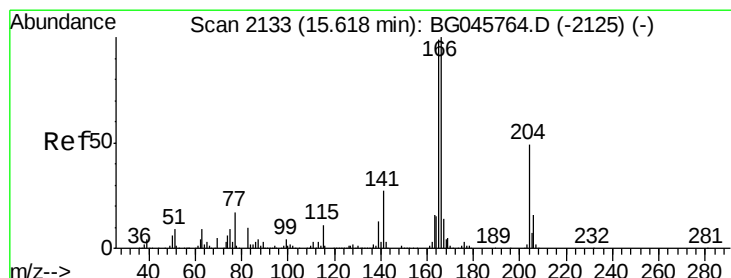
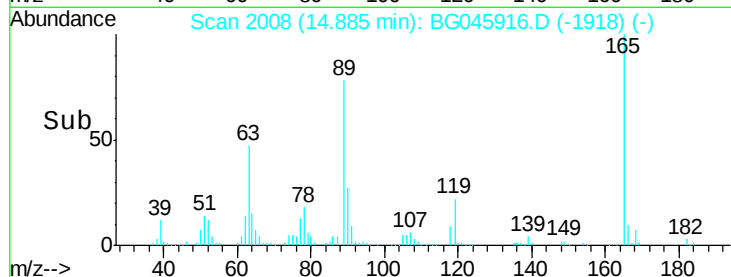
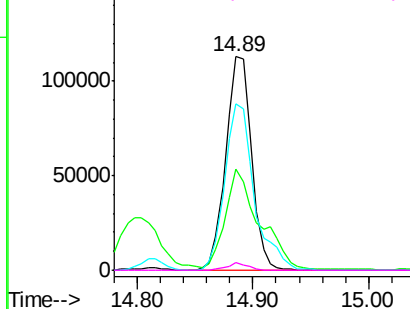


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

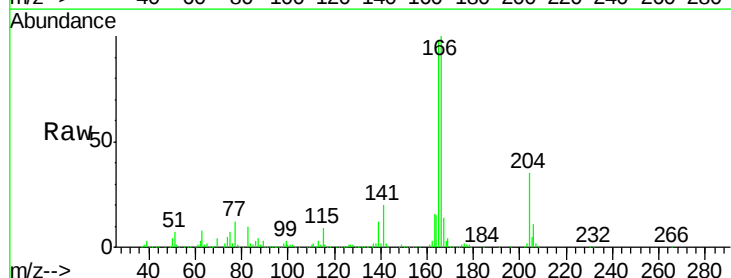
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.203 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

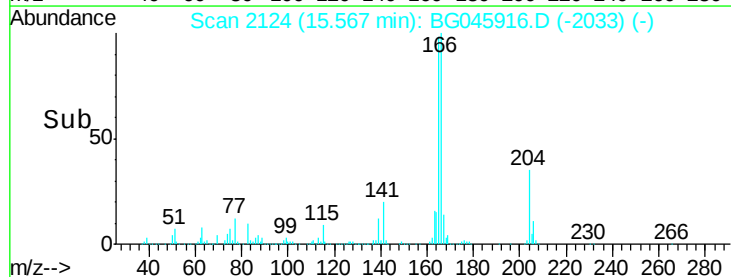
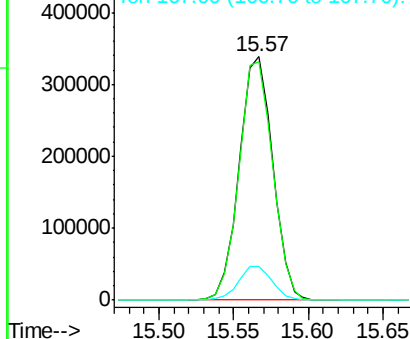
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	526508		
165	97.9	76.9	115.3	
167	13.7	11.3	16.9	

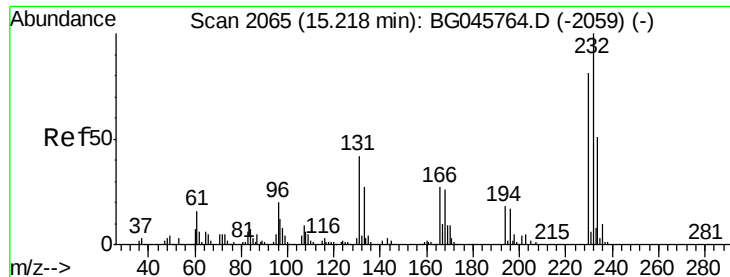


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





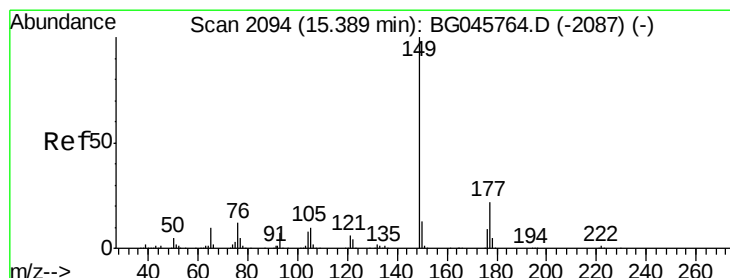
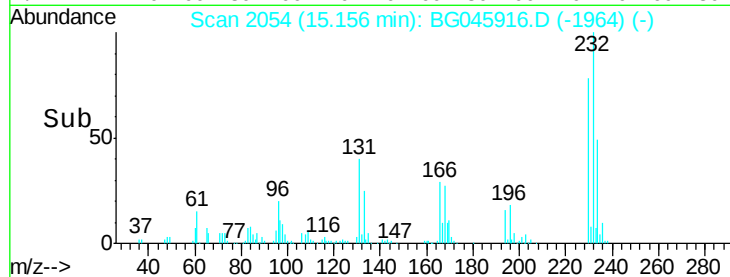
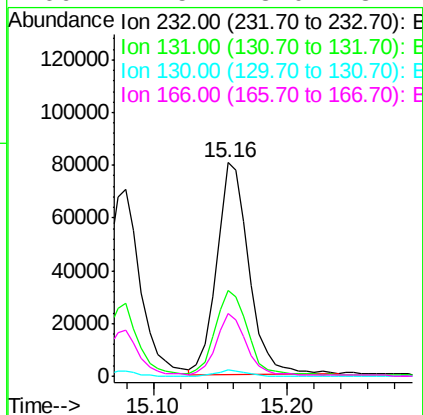
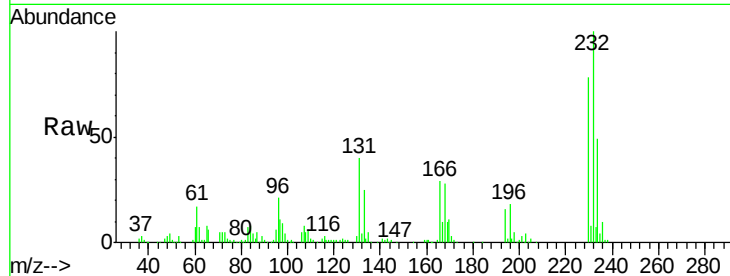
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.781 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Tot Ion:	232	Resp:	135307
Ion Ratio	Lower	Upper	
232	100		
131	41.2	34.2	51.2
130	2.7	2.1	3.1
166	27.5	23.0	34.4

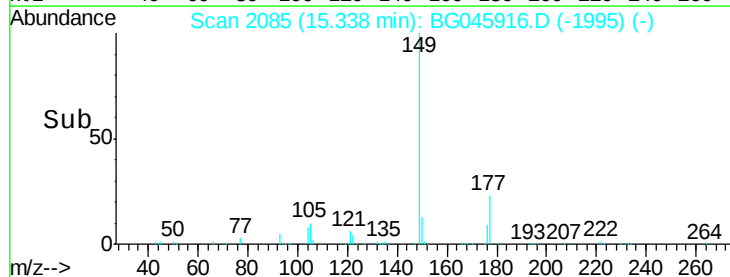
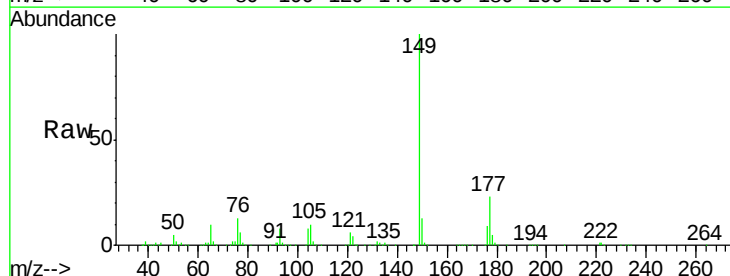
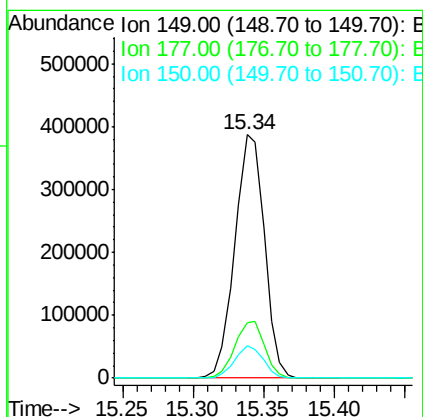
Manual Integrations
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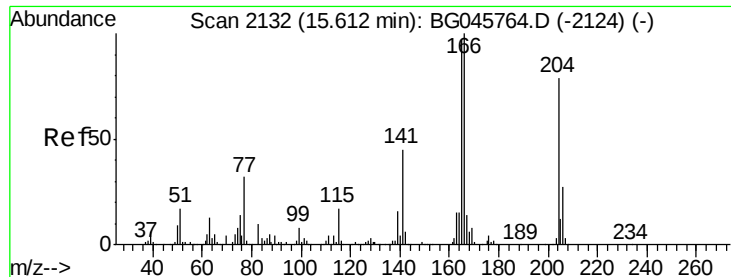
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#60
 Diethylphthalate
 Concen: 47.049 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:	149	Resp:	566094
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.6	28.0
150	13.1	10.2	15.2





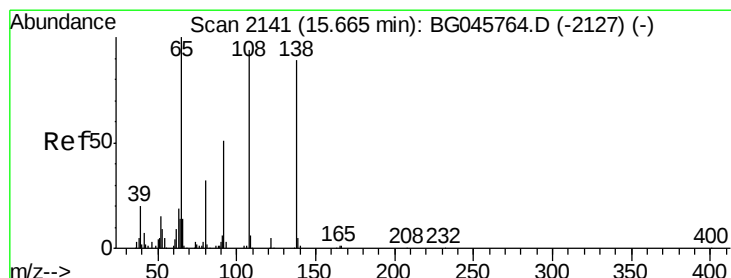
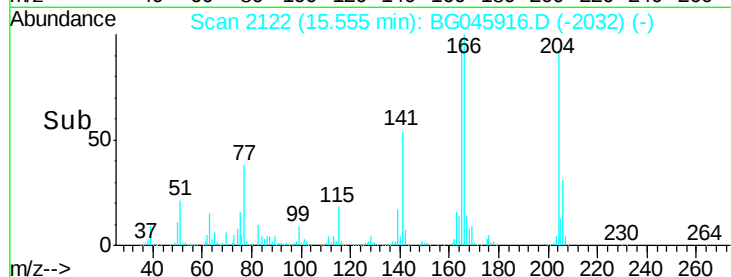
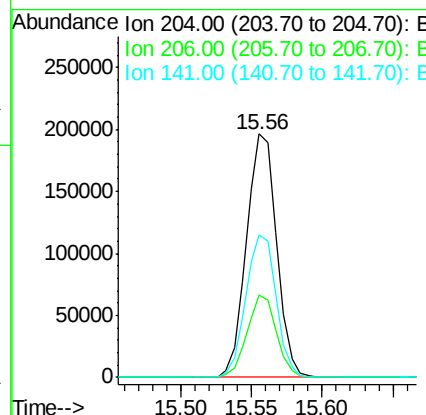
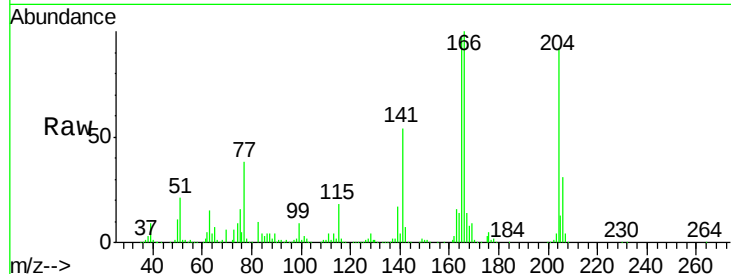
#61
4-Chlorophenyl-phenylether
Concen: 44.710 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.8	26.4	39.6
141	58.8	47.9	71.9

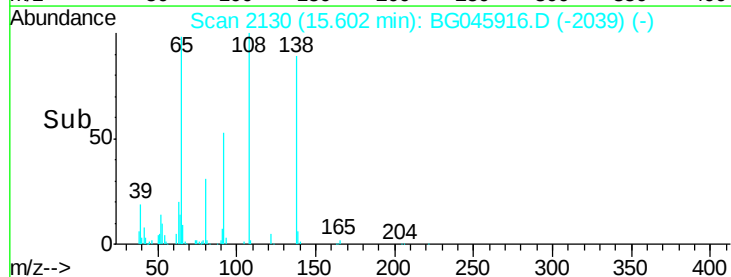
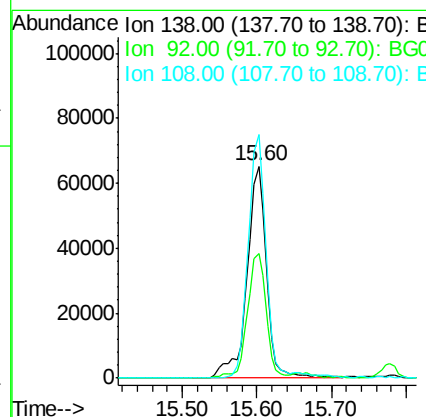
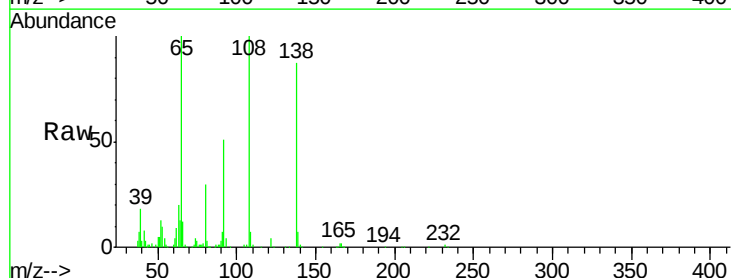
Manual Integrations
APPROVED

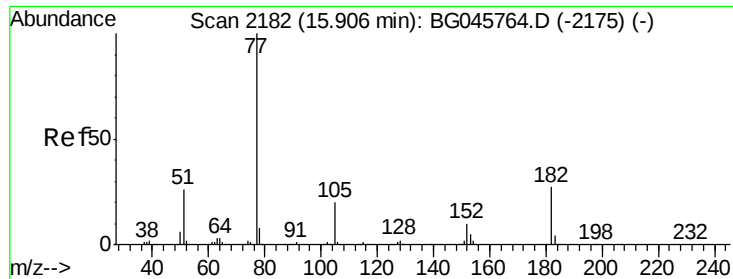
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#62
4-Nitroaniline
Concen: 43.781 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	58.9	34.9	74.9
108	114.9	92.3	132.3





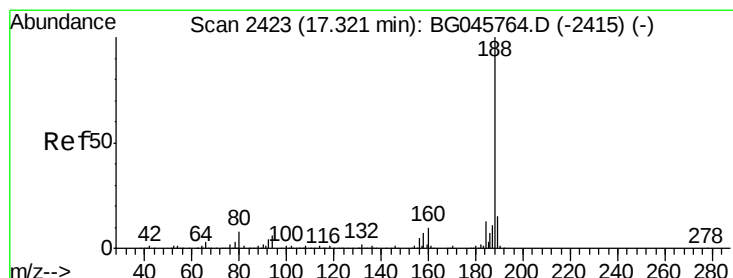
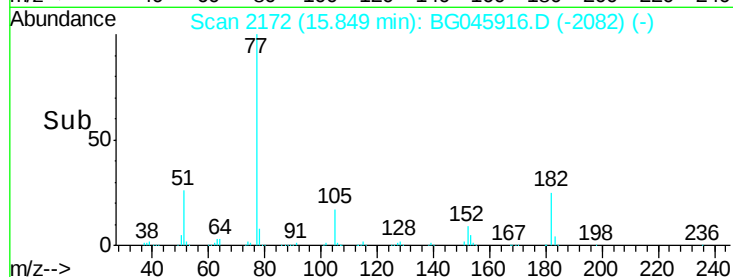
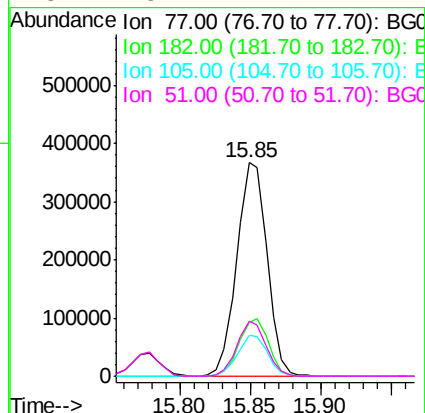
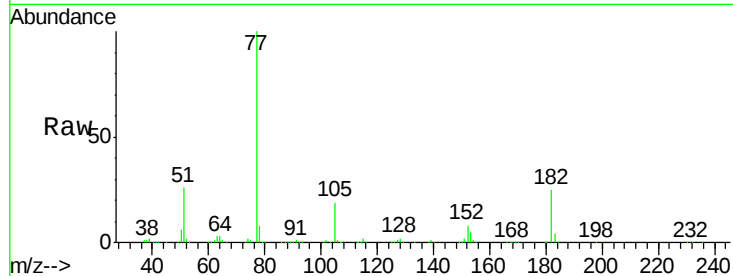
#63
Azobenzene
Concen: 47.305 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	6.0	46.0
105	18.9	0.0	38.0
51	25.7	4.7	44.7

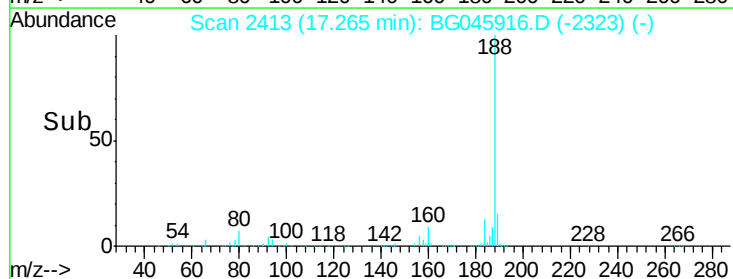
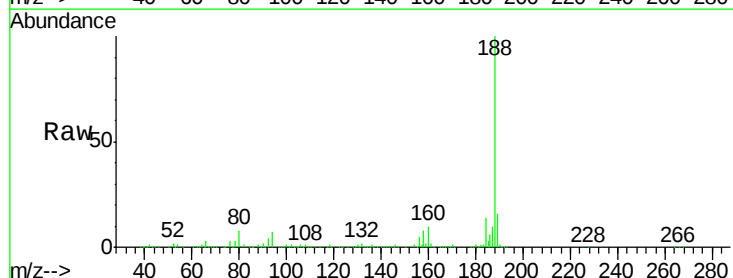
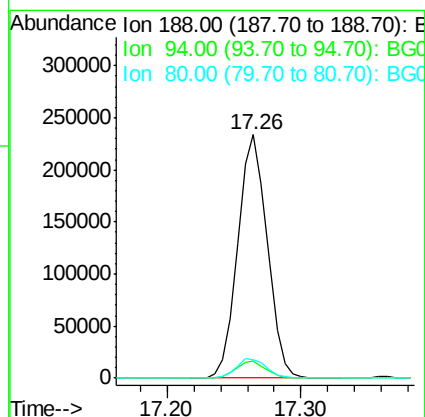
Manual Integrations
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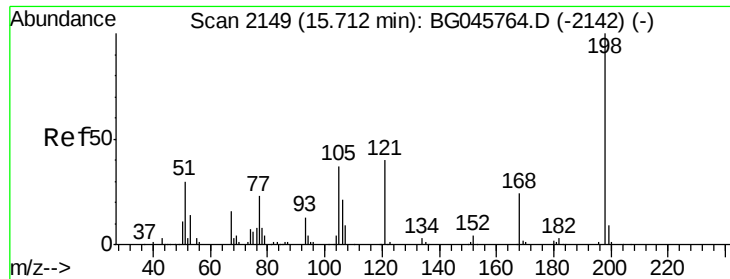
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.7	6.1	9.1





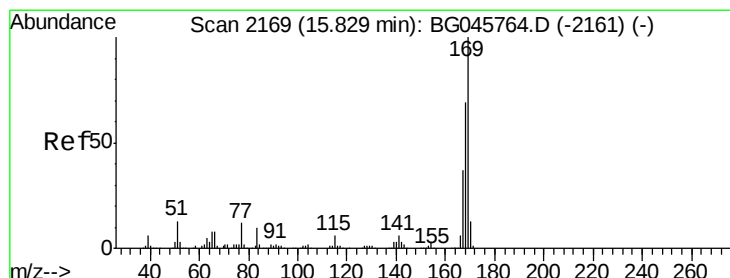
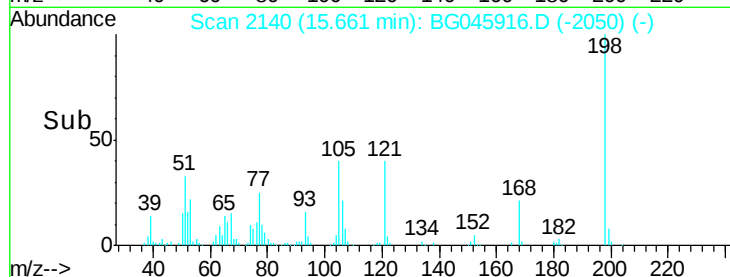
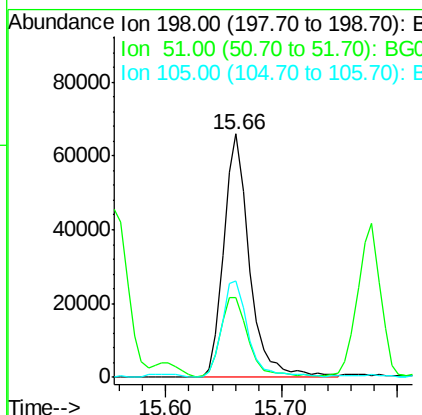
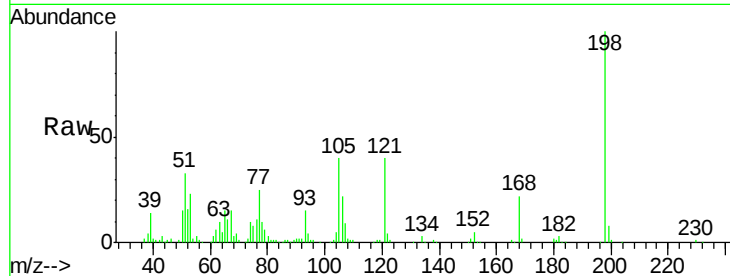
#65
4,6-Dinitro-2-methylphenol
Concen: 46.222 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	102072		
51	32.7		14.6	54.6
105	39.6		20.1	60.1

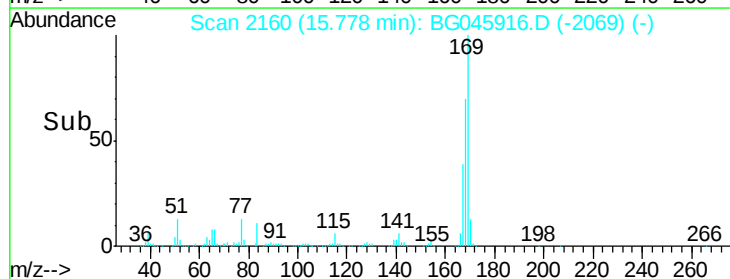
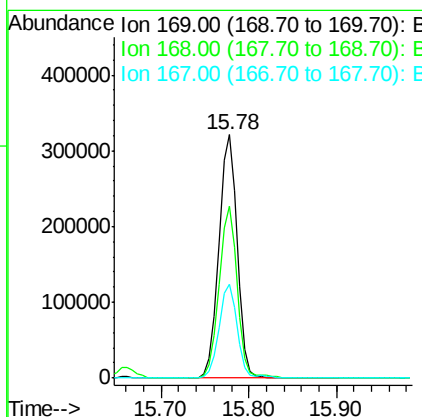
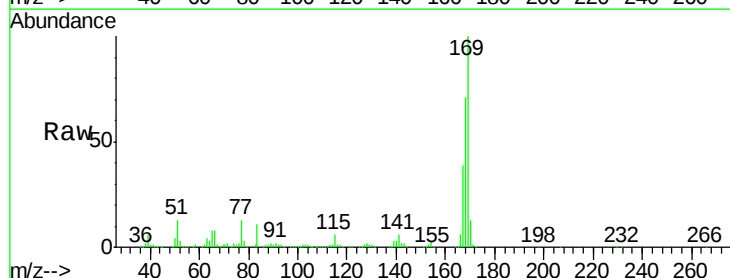
Manual Integrations
APPROVED

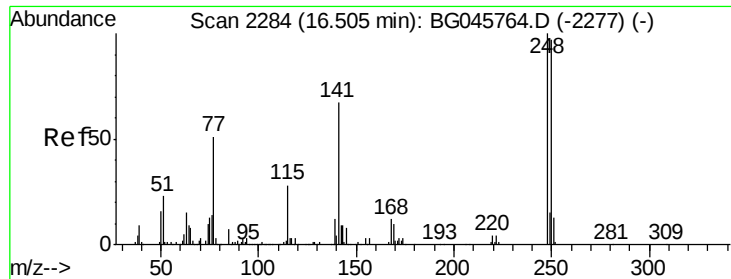
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#66
n-Nitrosodiphenylamine
Concen: 46.262 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	468223		
168	70.6		53.6	80.4
167	38.8		30.7	46.1





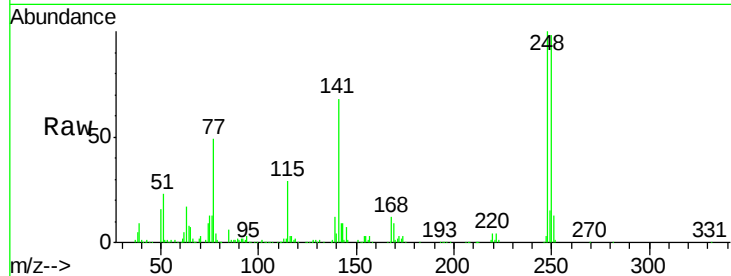
#67
4-Bromophenyl-phenylether
Concen: 44.007 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

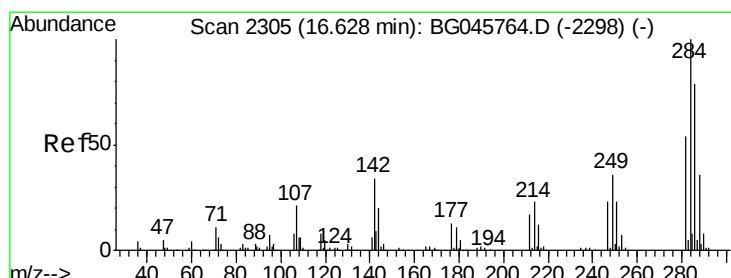
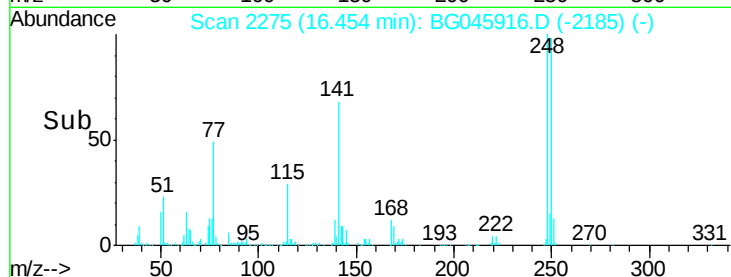
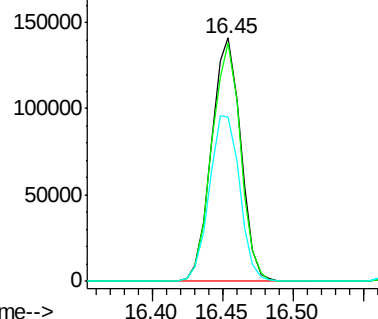
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.2	115.8
141	67.5	52.6	79.0

Manual Integrations
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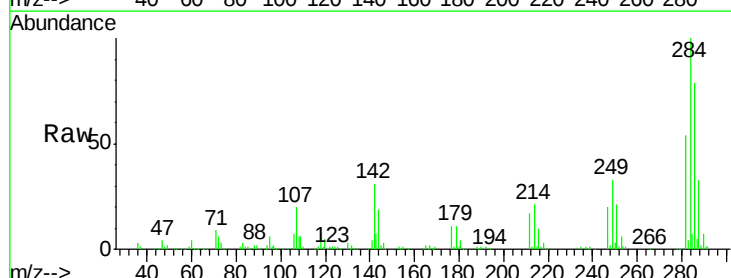


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

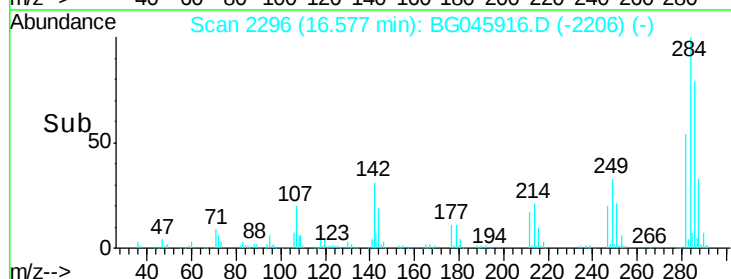
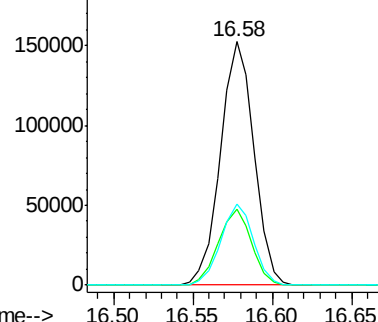


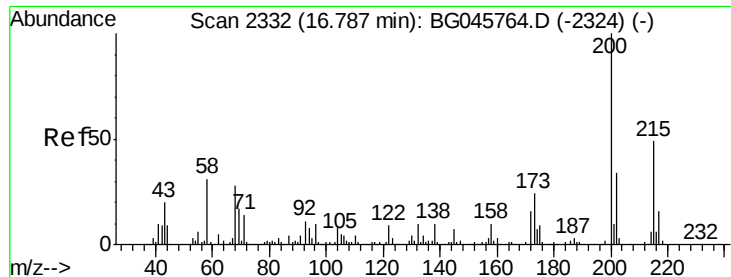
#68
Hexachlorobenzene
Concen: 46.428 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.2	34.8
249	33.2	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





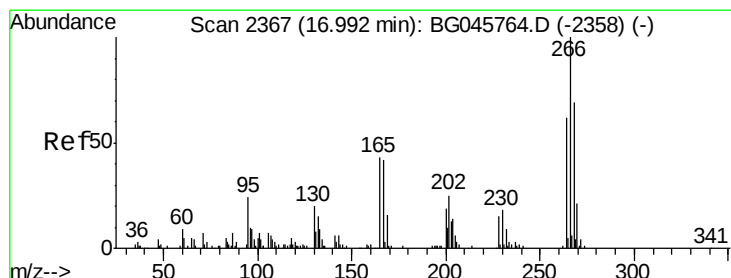
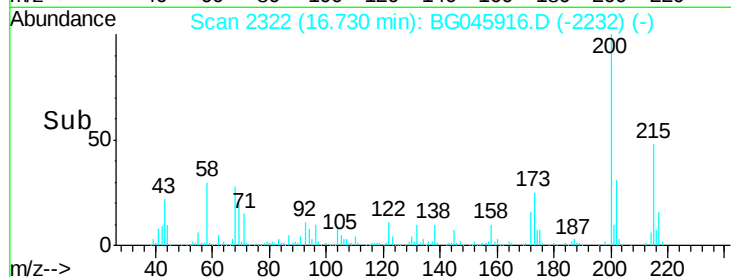
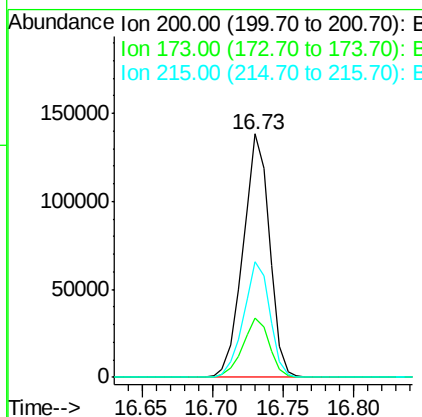
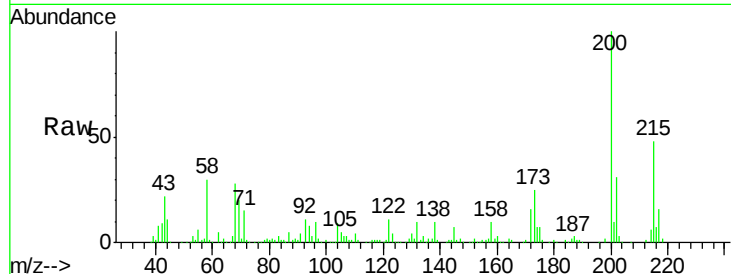
#69
Atrazine
Concen: 46.168 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampled :
SP2-LMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	4.3	44.3
215	47.7	30.5	70.5

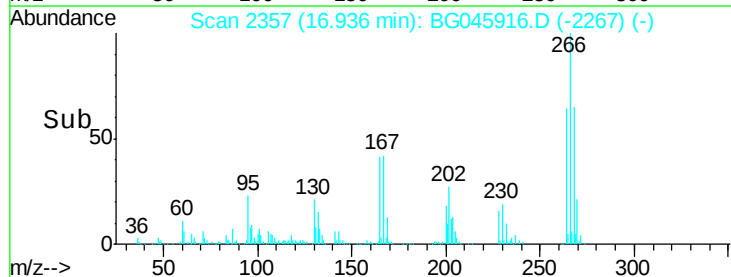
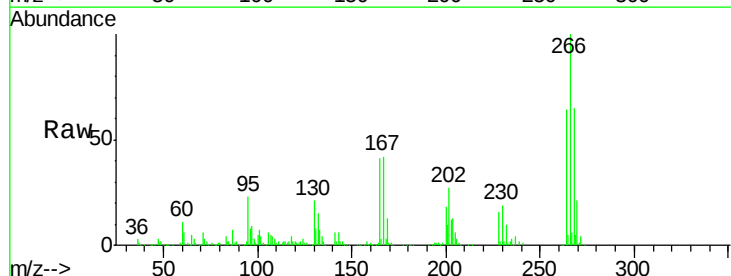
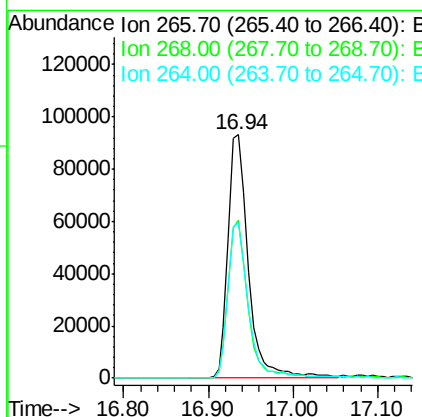
Manual Integrations
APPROVED

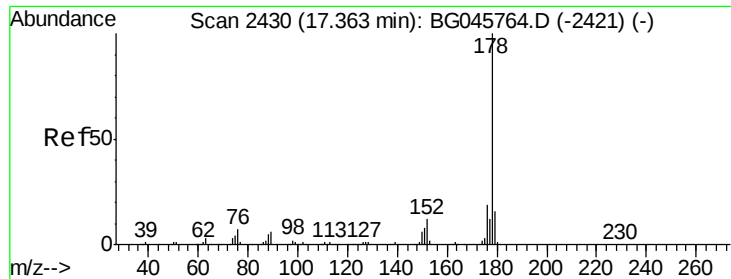
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#70
Pentachlorophenol
Concen: 66.727 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	50.5	75.7
264	63.8	47.0	70.6





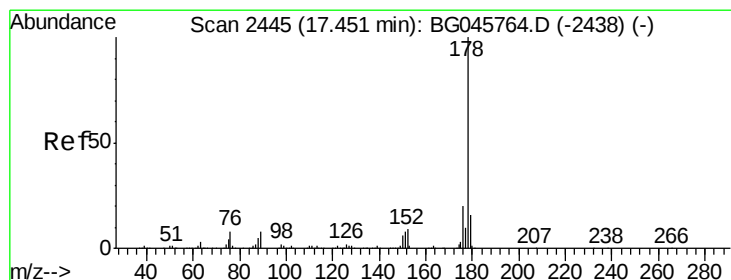
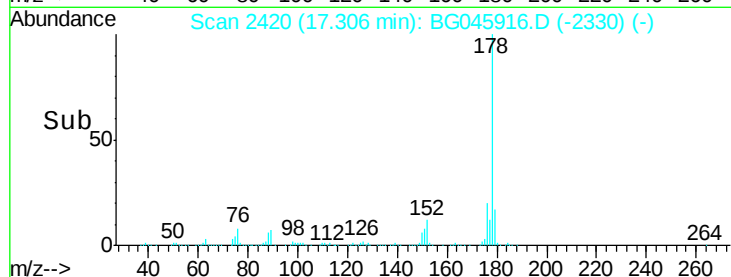
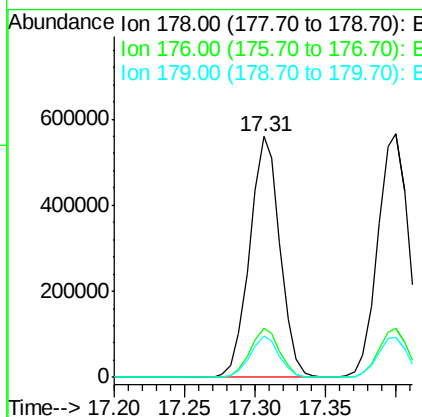
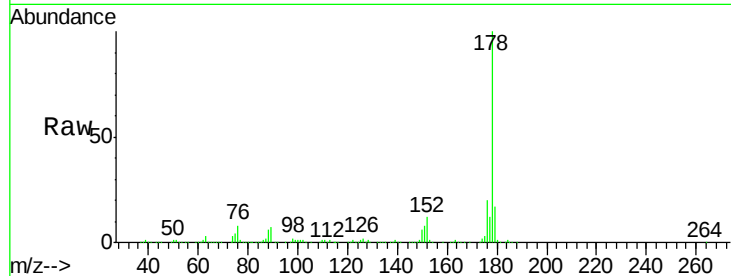
#71
Phenanthrene
Concen: 45.793 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.9	12.6	19.0

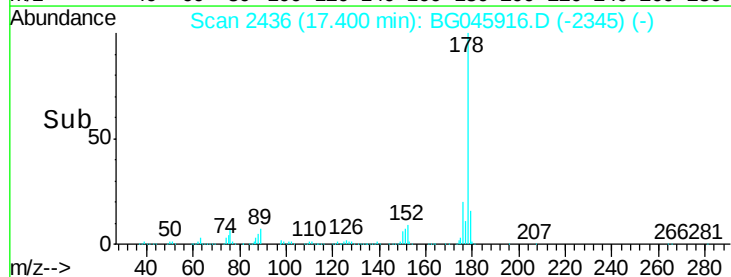
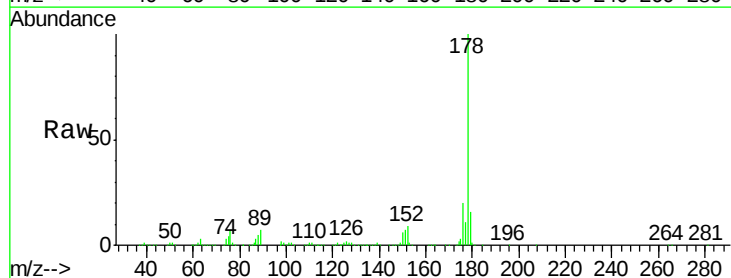
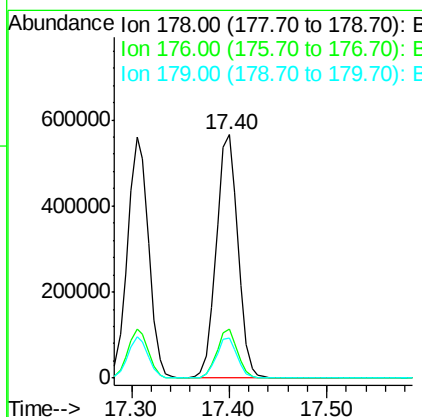
Manual Integrations
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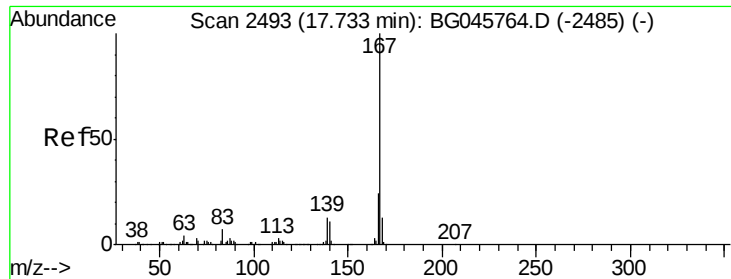
Sohil
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#72
Anthracene
Concen: 47.150 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.4	13.0	19.4





#73

Carbazole

Concen: 46.055 ng

RT: 17.68 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

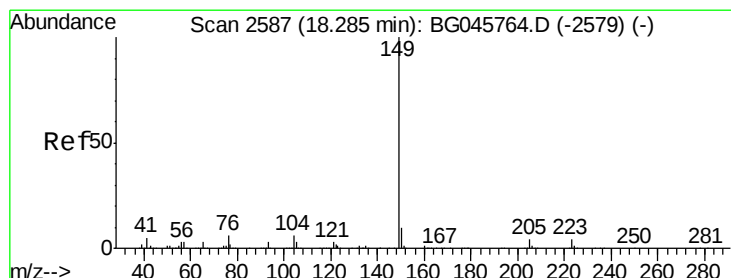
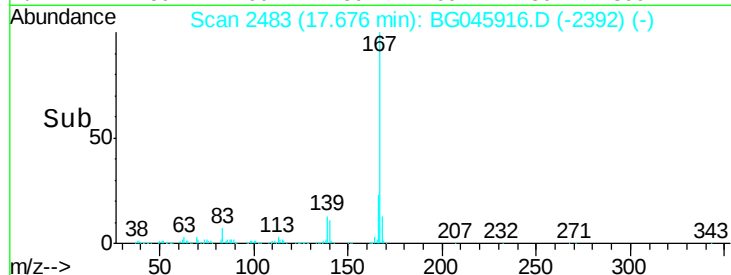
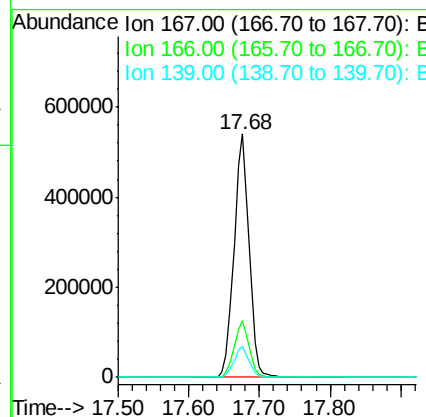
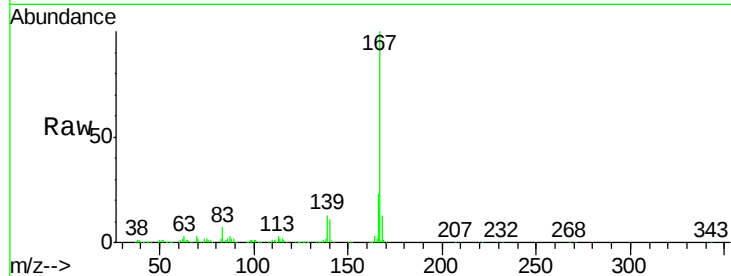
ClientSampleId :

SP2-LMSD

Tot Ion:	167	Resp:	804753
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.9	28.3
139	13.0	11.4	17.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 46.866 ng

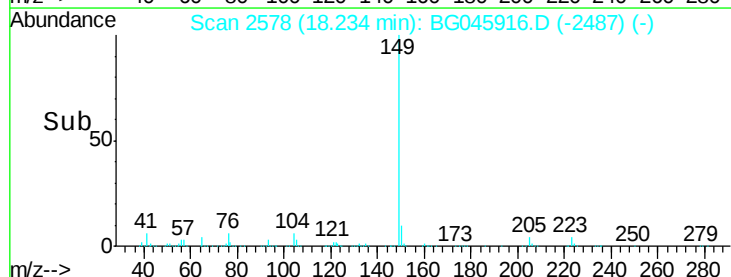
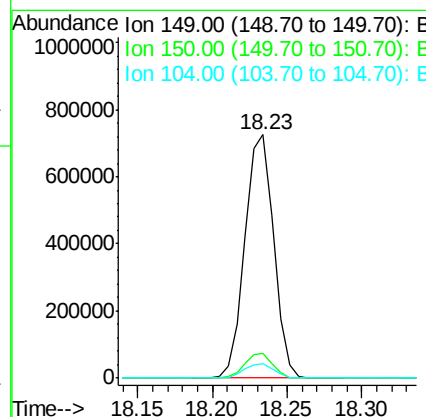
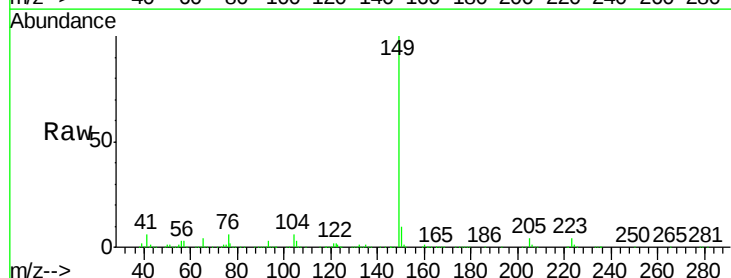
RT: 18.23 min Scan# 2578

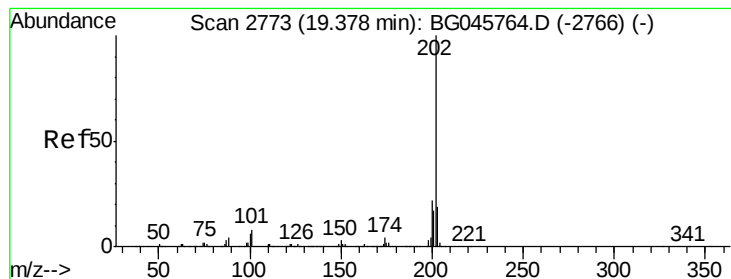
Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	149	Resp:	969660
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.0
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 46.566 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

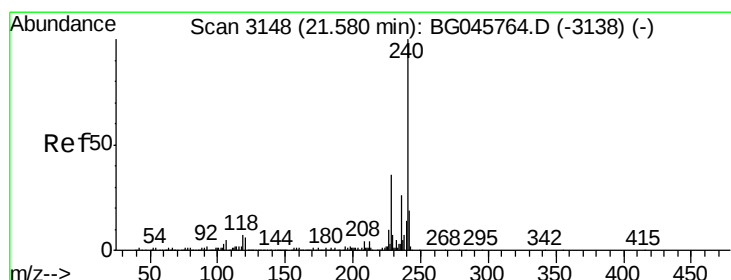
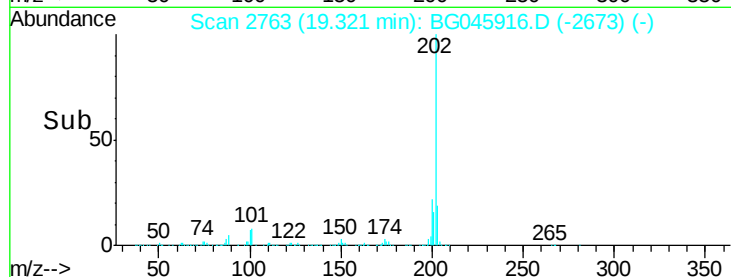
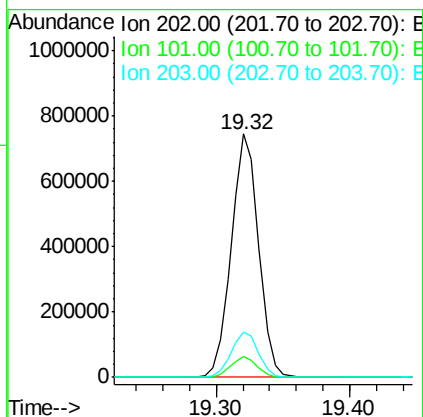
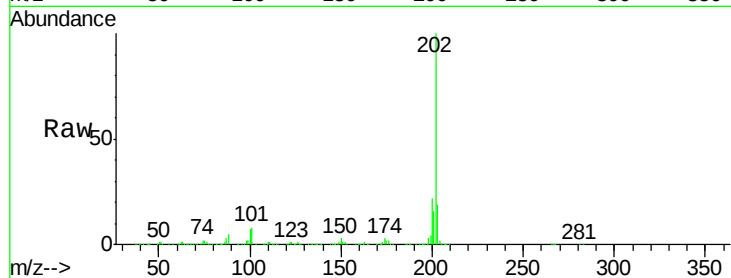
ClientSampleId :

SP2-LMSD

Tot Ion:	202	Resp:	1055268
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	18.7	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

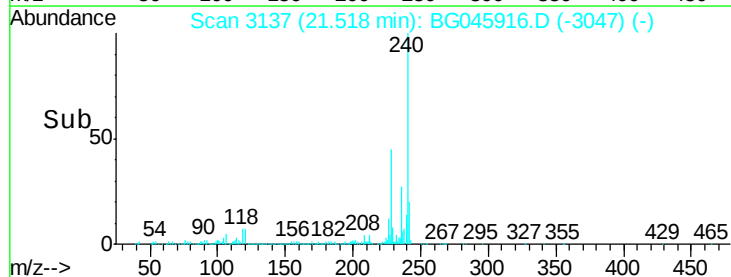
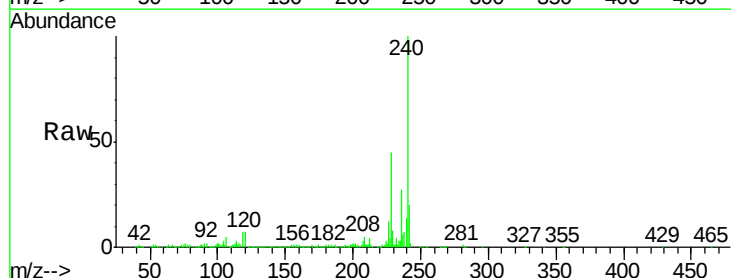
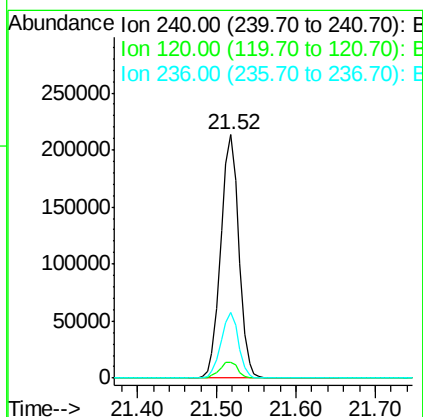
RT: 21.52 min Scan# 3137

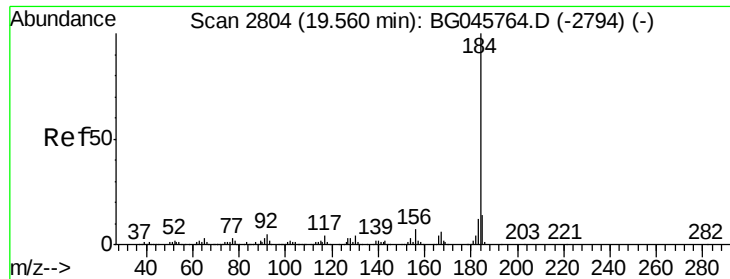
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	240	Resp:	337119
Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.2	7.8
236	26.8	20.8	31.2





#77

Benzidine

Concen: 14.272 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

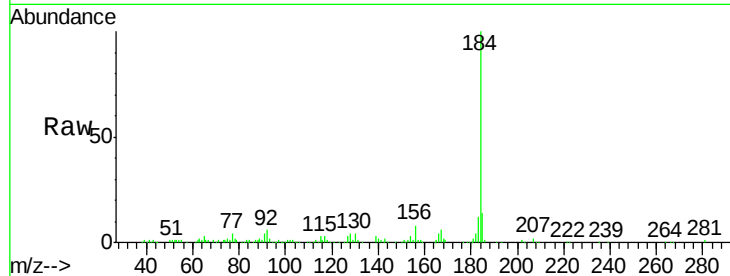
ClientSampleId :

SP2-LMSD

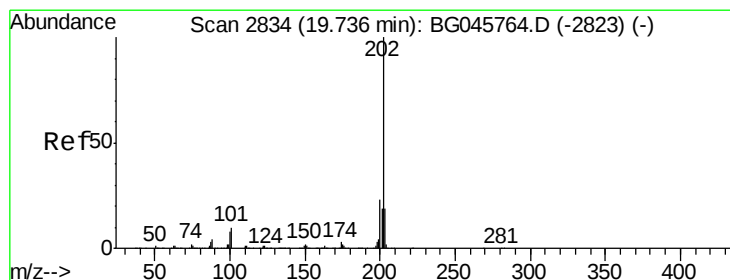
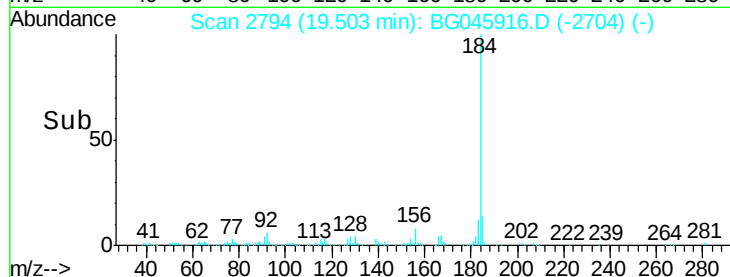
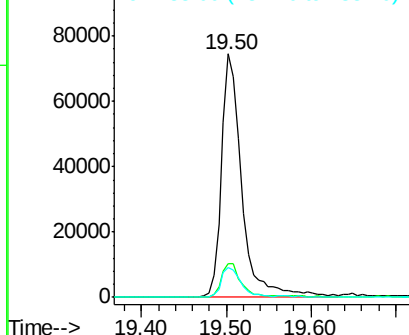
Tot Ion:	184	Resp:	125079
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.1	16.7
183	12.4	10.6	15.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.387 ng

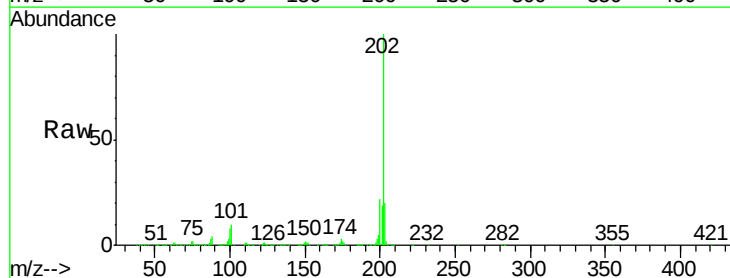
RT: 19.68 min Scan# 2825

Delta R.T. 0.00 min

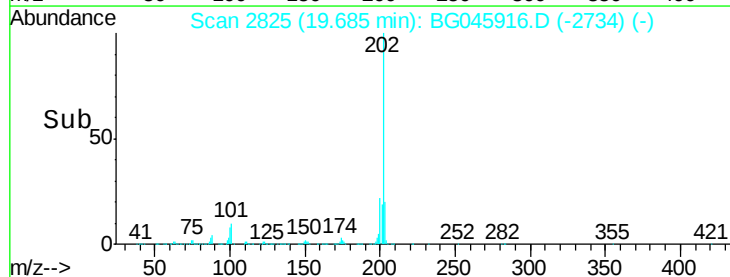
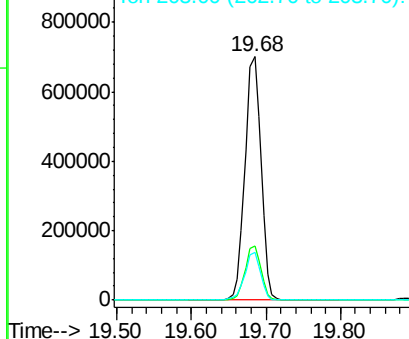
Lab File: BG045916.D

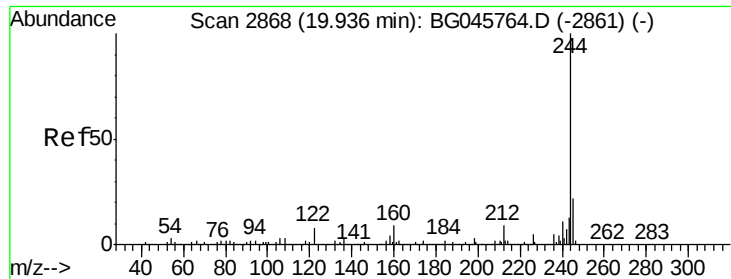
Acq: 2 Jul 2020 16:03

Tgt Ion:	202	Resp:	1047167
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.1	27.1
203	19.6	15.1	22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.205 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampled :

SP2-LMSD

Tot Ion:244 Resp: 1550443

Ion Ratio Lower Upper

244 100

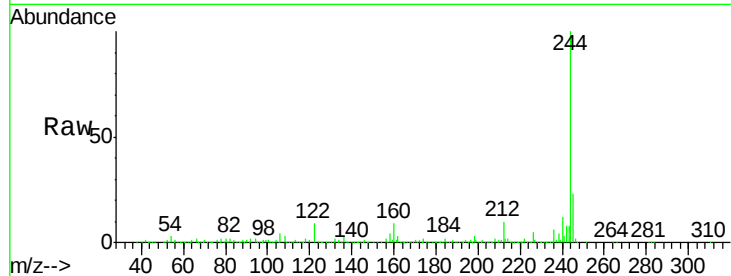
212 9.8 7.0 10.6

122 8.8 6.6 9.8

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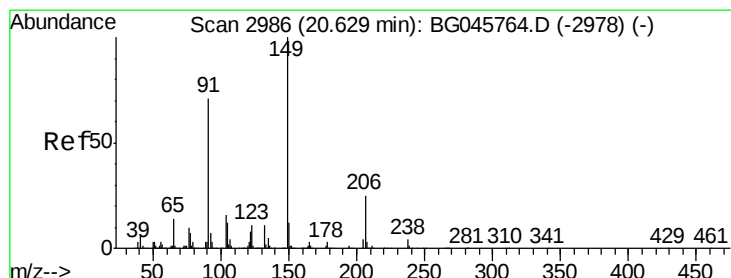
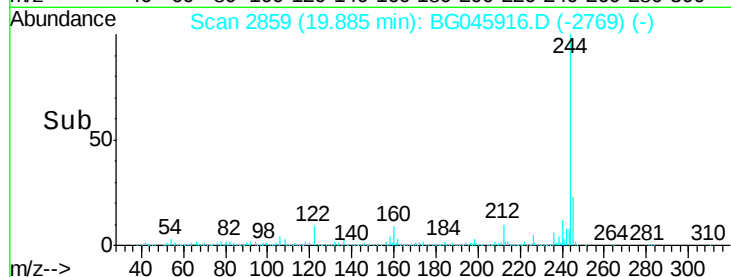
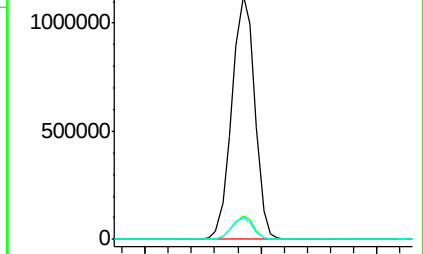
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.089 ng

RT: 20.58 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

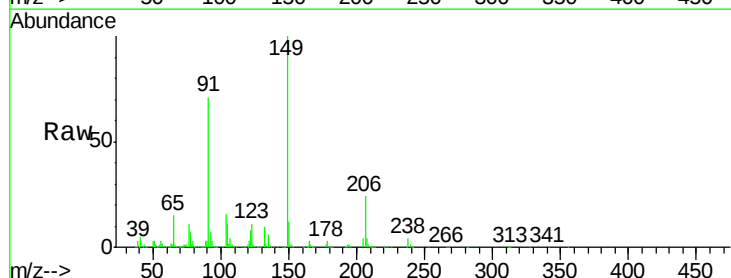
Tgt Ion:149 Resp: 435502

Ion Ratio Lower Upper

149 100

91 71.1 60.4 90.6

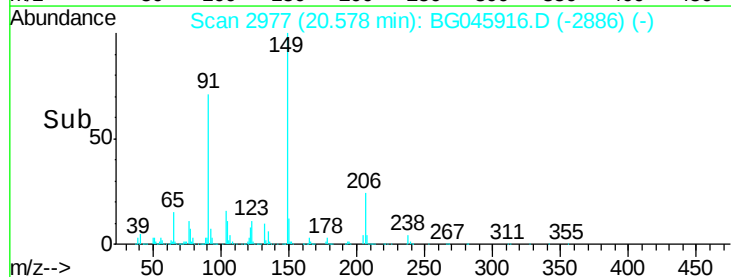
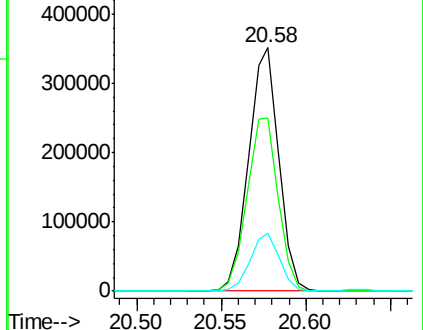
206 24.1 19.8 29.6

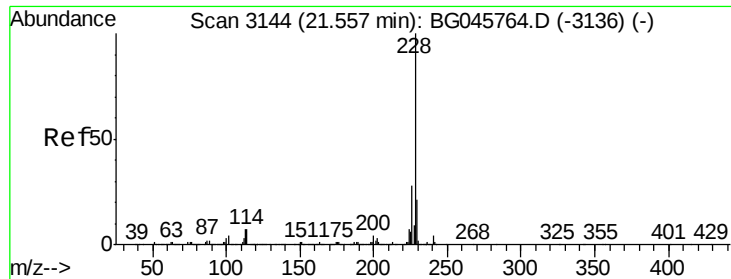


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





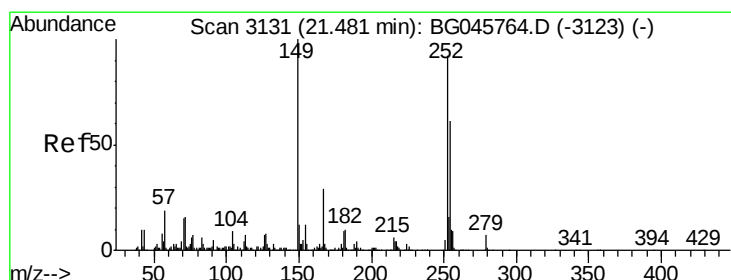
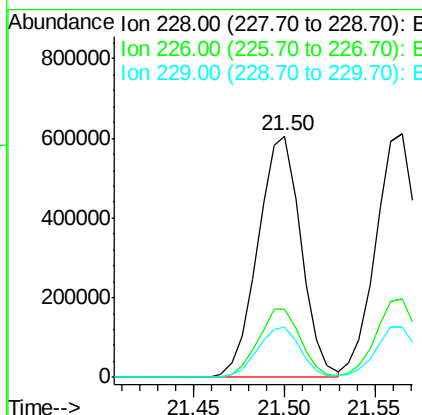
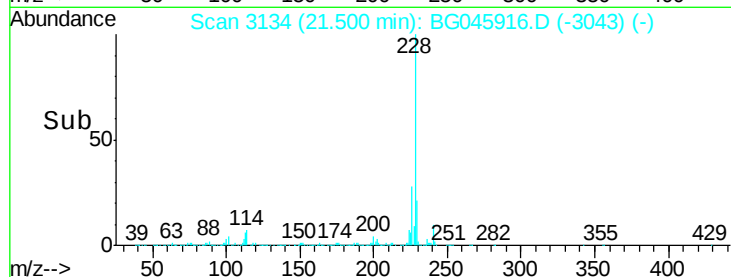
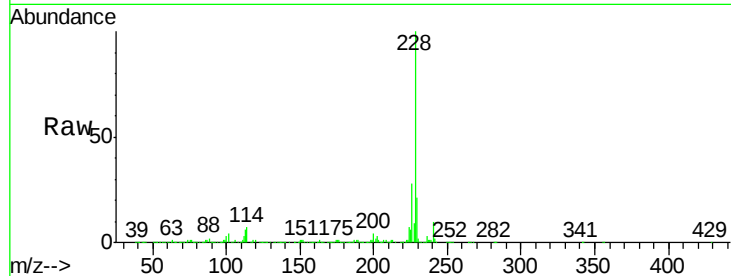
#81
Benzo(a)anthracene
Concen: 45.786 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.3	34.9
229	20.7	16.6	24.8

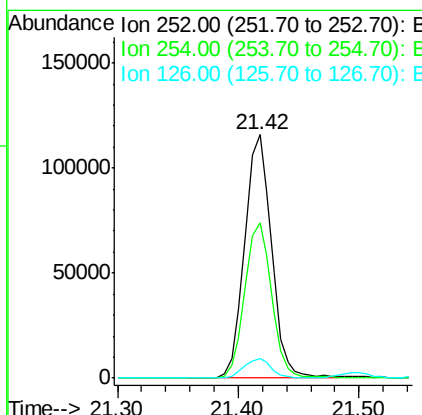
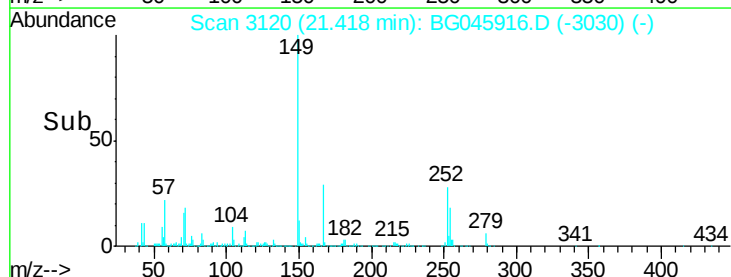
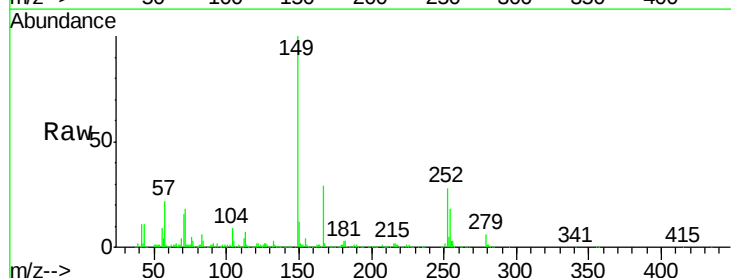
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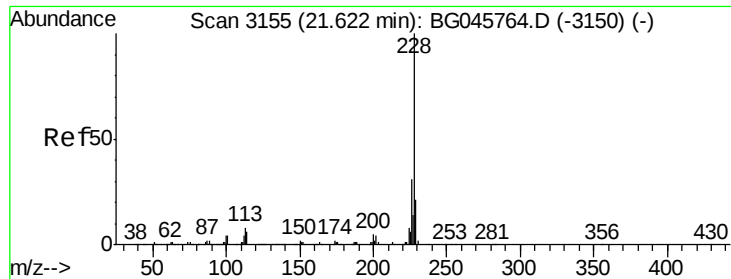
Sohil
7/7/2020 8:19:38 AM



#82
3,3'-Dichlorobenzidine
Concen: 21.960 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.8	80.6
126	7.8	6.4	9.6





#83

Chrysene

Concen: 45.815 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

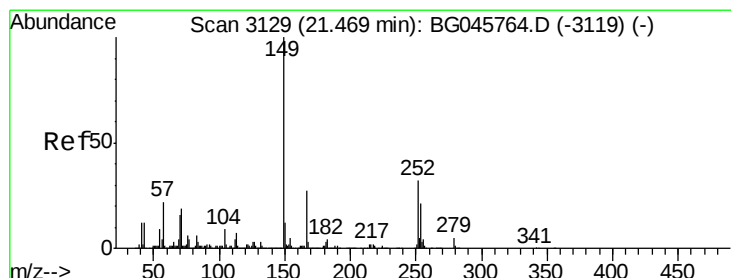
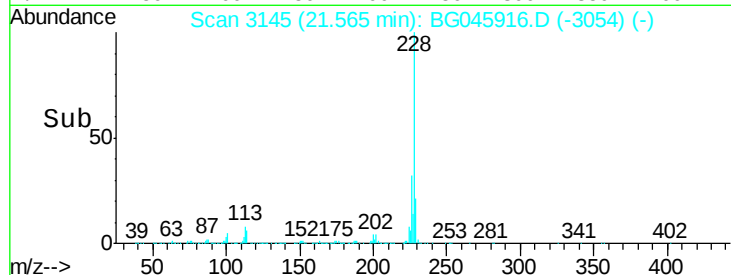
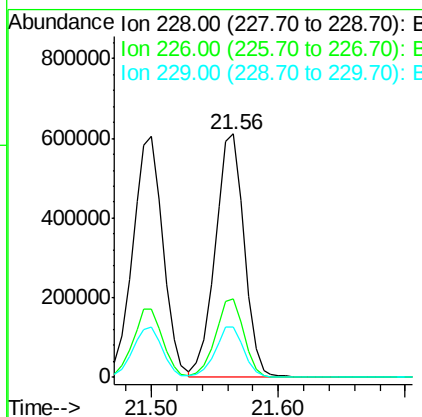
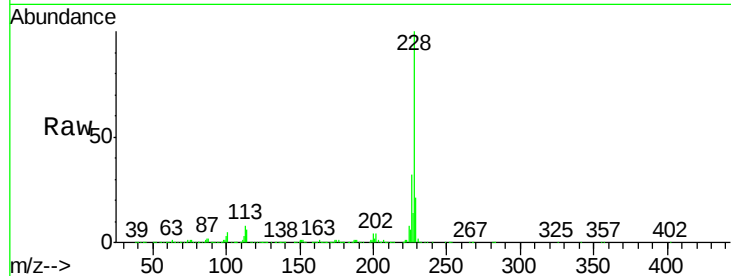
ClientSampleId :

SP2-LMSD

Tot Ion:	228	Resp:	968547
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.8	38.6
229	20.8	16.4	24.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.802 ng

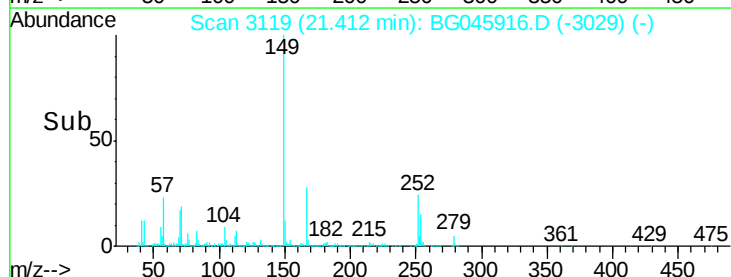
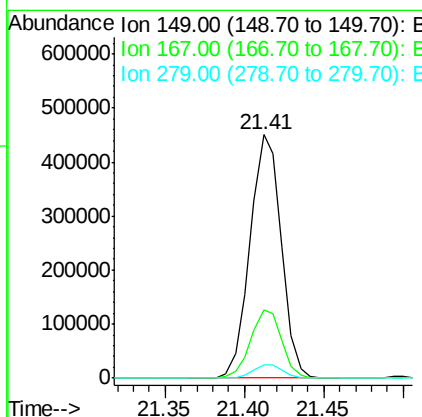
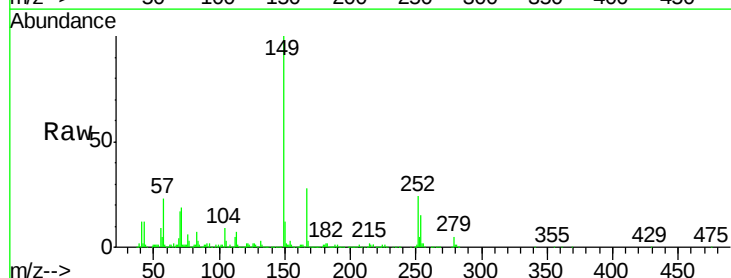
RT: 21.41 min Scan# 3119

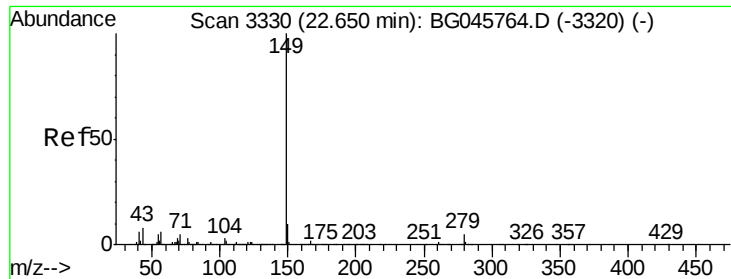
Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Tgt Ion:	149	Resp:	615145
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.5	33.7
279	5.4	4.4	6.6





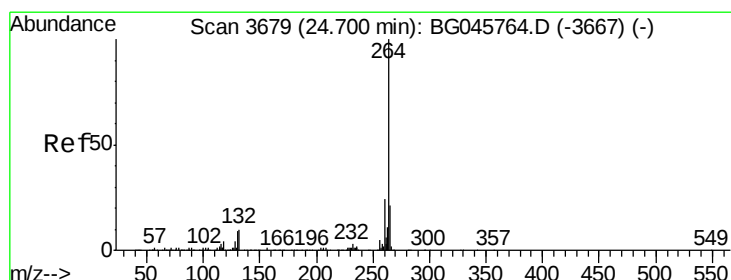
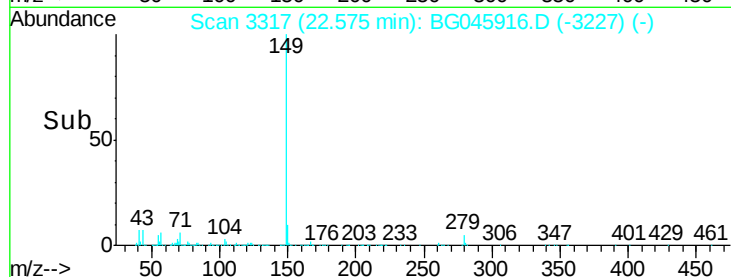
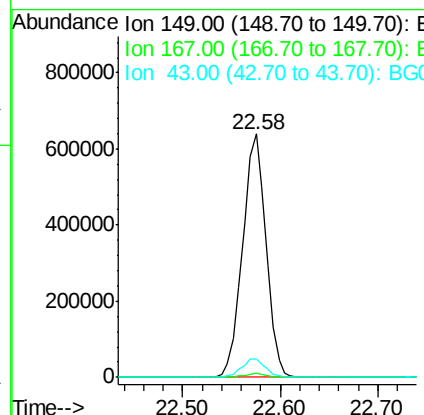
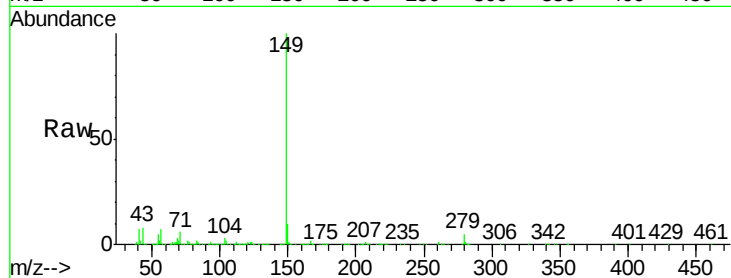
#85
Di-n-octyl phthalate
Concen: 46.674 ng
RT: 22.58 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.5	6.1	9.1

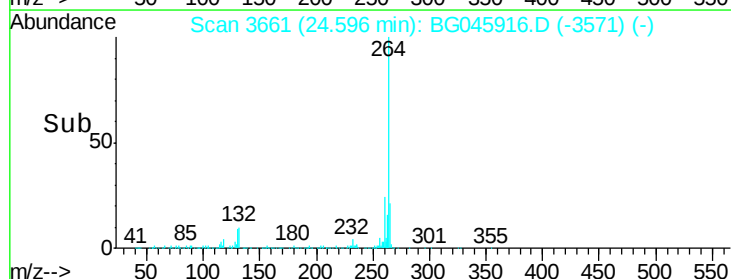
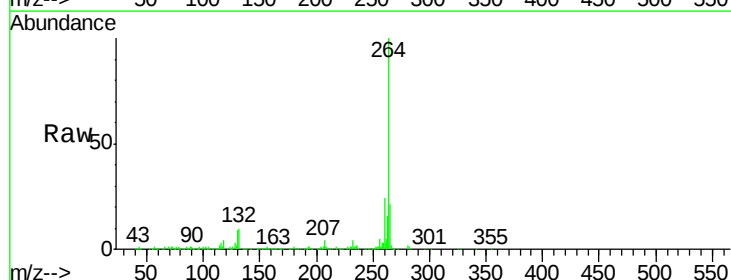
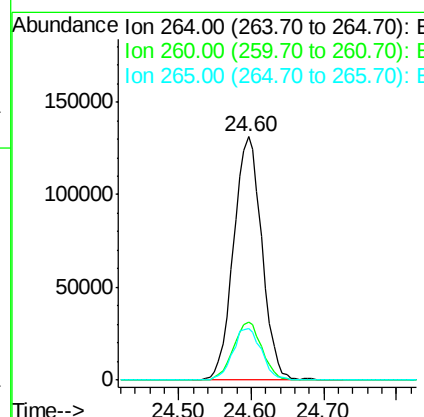
Manual Integrations
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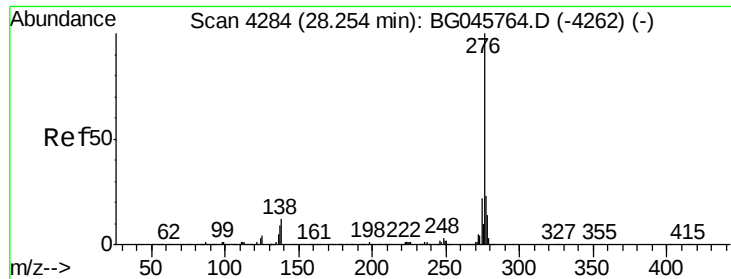
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	16.4	24.6





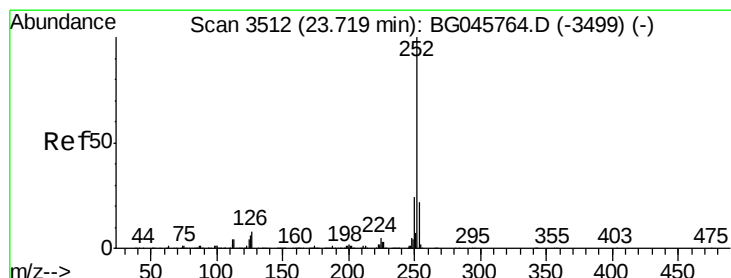
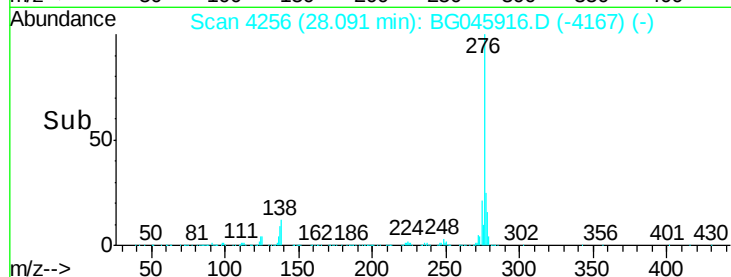
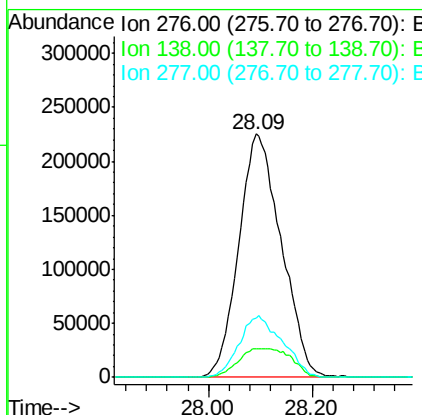
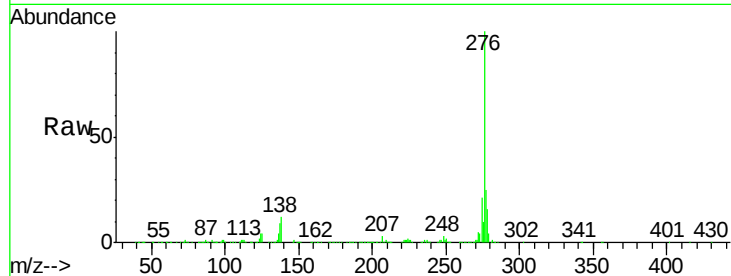
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.864 ng
 RT: 28.09 min Scan# 4256
 Delta R.T. -0.01 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMSD

Tot Ion:276 Resp: 1283178
 Ion Ratio Lower Upper
 276 100
 138 14.7 8.4 12.6#
 277 25.8 20.8 31.2

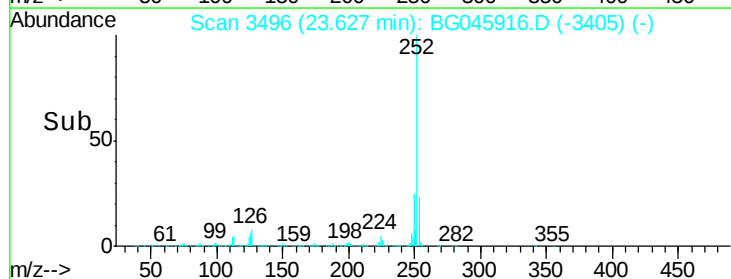
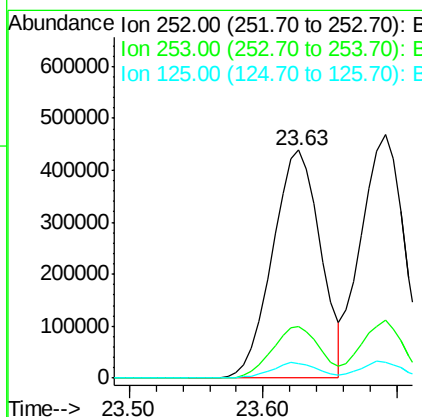
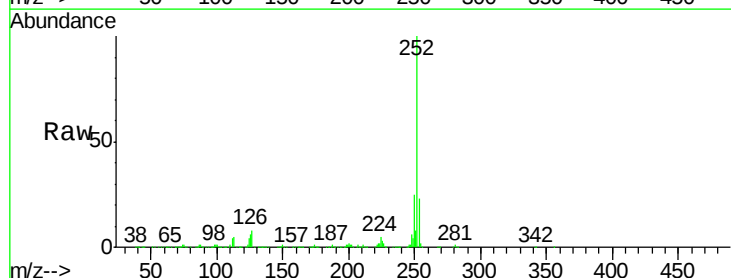
Manual Integrations
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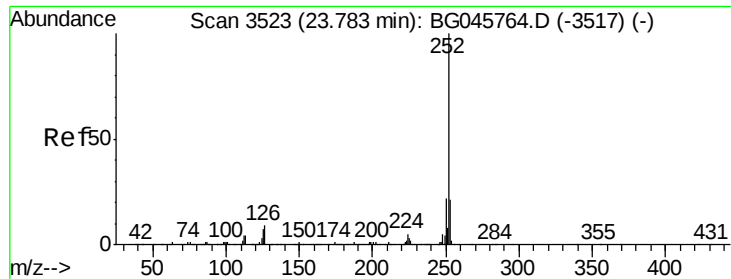
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#88
 Benzo(b)fluoranthene
 Concen: 49.151 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG045916.D
 Acq: 2 Jul 2020 16:03

Tgt Ion:252 Resp: 1093925
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.5 27.7
 125 6.4 5.2 7.8





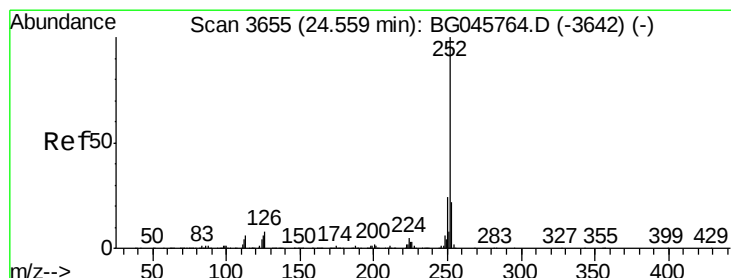
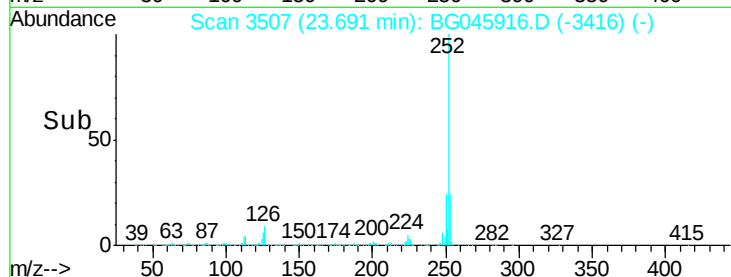
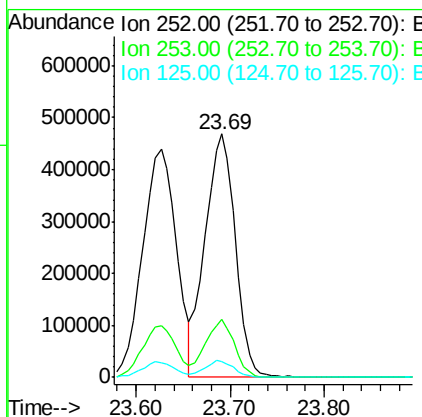
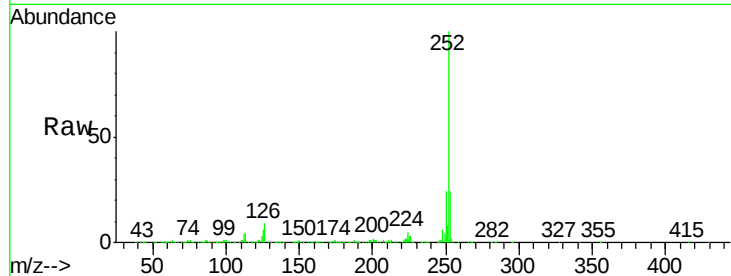
#89
Benzo(k)fluoranthene
Concen: 49.264 ng
RT: 23.69 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Instrument :
BNA_G
ClientSampleId :
SP2-LMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	6.3	5.2	7.8

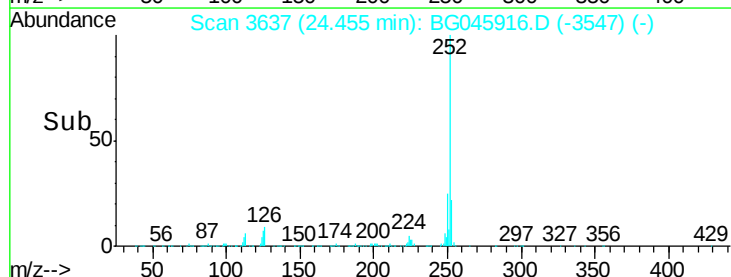
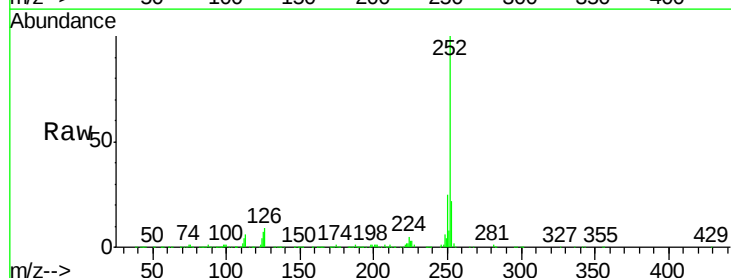
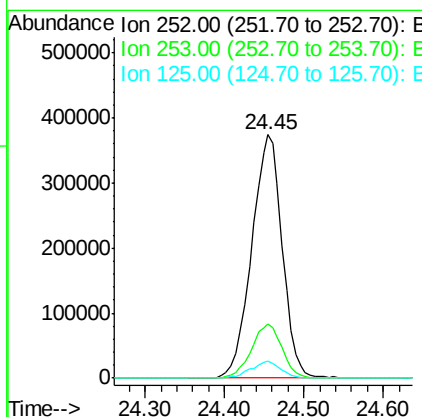
Manual Integrations
APPROVED

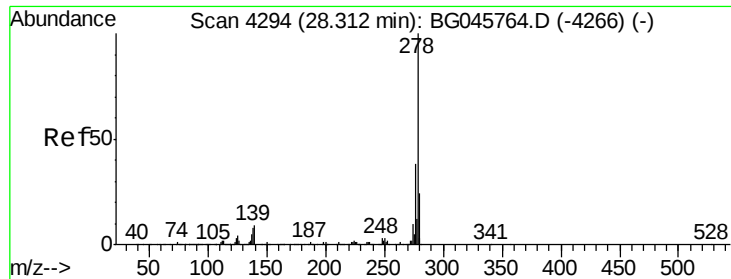
Sohil
7/7/2020 8:19:38 AM



#90
Benzo(a)pyrene
Concen: 48.010 ng
RT: 24.45 min Scan# 3637
Delta R.T. -0.00 min
Lab File: BG045916.D
Acq: 2 Jul 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	6.9	5.4	8.0





#91

Dibenzo(a,h)anthracene

Concen: 49.956 ng

RT: 28.15 min Scan# 4266

Delta R.T. -0.00 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

Instrument :

BNA_G

ClientSampleId :

SP2-LMSD

Tot Ion:278 Resp: 1030895

Ion Ratio Lower Upper

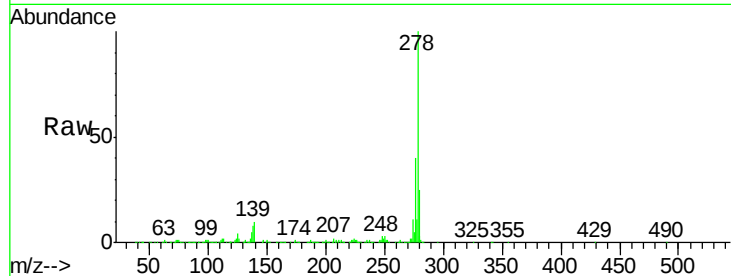
278 100

139 9.5 7.8 11.8

279 25.3 19.4 29.0

Manual Integrations
APPROVED

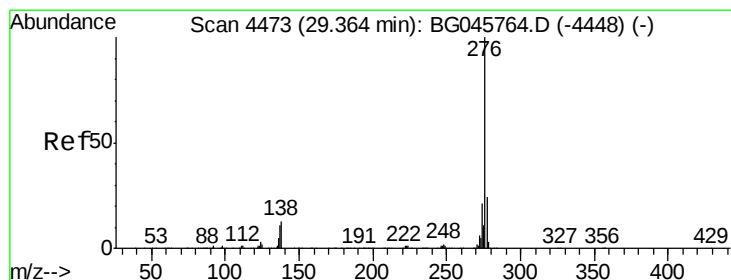
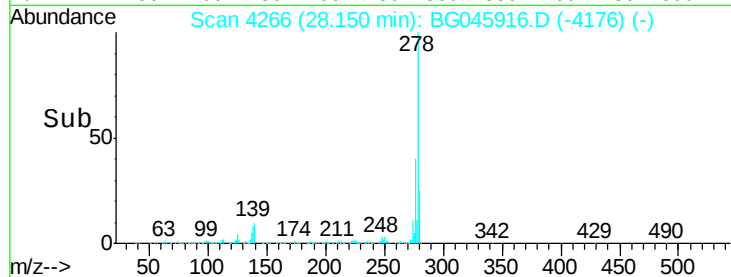
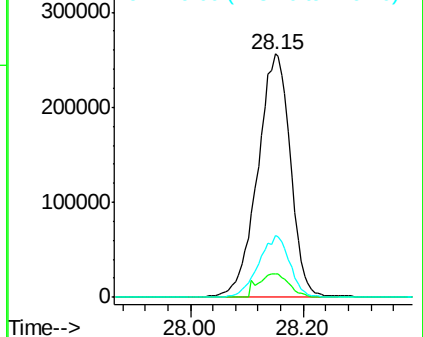
Sohil
7/7/2020 8:19:38 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.149 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.01 min

Lab File: BG045916.D

Acq: 2 Jul 2020 16:03

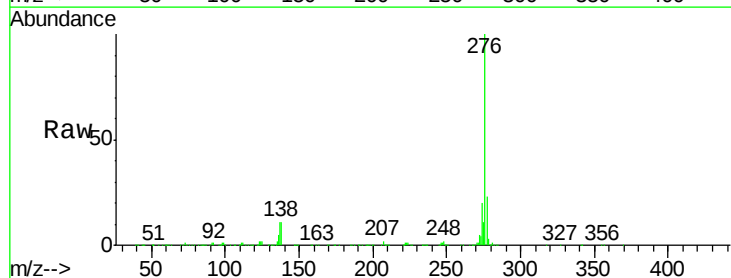
Tgt Ion:276 Resp: 1035829

Ion Ratio Lower Upper

276 100

277 23.0 18.2 27.2

138 11.5 10.1 15.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

