

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045584.D
 Acq On : 3 Jun 2020 16:59
 Operator : CG/JU
 Sample : PB129260BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BSD

Manual Integrations
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 6/4/2020 12:11:21 PM

Quant Time: Jun 03 17:36:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59942	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244665	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	177689	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	426779	20.00	ng	0.00
76) Chrysene-d12	21.61	240	390188	20.00	ng	0.00
87) Perylene-d12	24.76	264	433134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	484126	157.84	ng	0.00
7) Phenol-d6	7.15	99	679218	155.59	ng	0.00
23) Nitrobenzene-d5	9.11	82	438912	97.83	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	339952	149.60	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	994970	94.98	ng	0.00
79) Terphenyl-d14	19.96	244	1742033	104.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	62994	41.417	ng	96
3) Pyridine	3.80	79	144717	34.163	ng	93
4) n-Nitrosodimethylamine	3.72	42	65504	47.256	ng	99
6) Aniline	7.28	93	183251	32.156	ng	98
8) 2-Chlorophenol	7.53	128	177042	52.635	ng	99
9) Benzaldehyde	7.08	77	114396	40.220	ng	95
10) Phenol	7.18	94	232906	51.765	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	164095	46.758	ng	97
12) 1,3-Dichlorobenzene	7.84	146	189271	46.825	ng	98
13) 1,4-Dichlorobenzene	7.99	146	191569	48.025	ng	98
14) 1,2-Dichlorobenzene	8.30	146	179524	46.793	ng	96
15) Benzyl Alcohol	8.20	79	182025	50.474	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151818	45.574	ng	97
17) 2-Methylphenol	8.42	107	158434	47.046	ng	94
18) Hexachloroethane	9.04	117	72753	47.621	ng	88
19) n-Nitroso-di-n-propylamine	8.76	70	147956	49.011	ng	99
20) 3+4-Methylphenols	8.75	107	216580	47.227	ng	89
22) Acetophenone	8.77	105	269165	46.417	ng	# 98
24) Nitrobenzene	9.16	77	223292	46.452	ng	97
25) Isophorone	9.68	82	408763	46.261	ng	99
26) 2-Nitrophenol	9.87	139	101931	49.569	ng	92
27) 2,4-Dimethylphenol	9.95	122	167051	54.773	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	226516	48.883	ng	94
29) 2,4-Dichlorophenol	10.42	162	183504	50.951	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	201643	47.381	ng	98
31) Naphthalene	10.81	128	533365	46.781	ng	99
32) Benzoic acid	10.12	122	101849	48.871	ng	93
33) 4-Chloroaniline	10.92	127	85307	17.900	ng	96
34) Hexachlorobutadiene	11.10	225	137667	45.763	ng	96
35) Caprolactam	11.69	113	68054m	51.480	ng	
36) 4-Chloro-3-methylphenol	12.08	107	210212	51.797	ng	96
37) 2-Methylnaphthalene	12.42	142	404687	47.623	ng	96
38) 1-Methylnaphthalene	12.64	142	386964m	48.207	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	234128	47.174	ng	99

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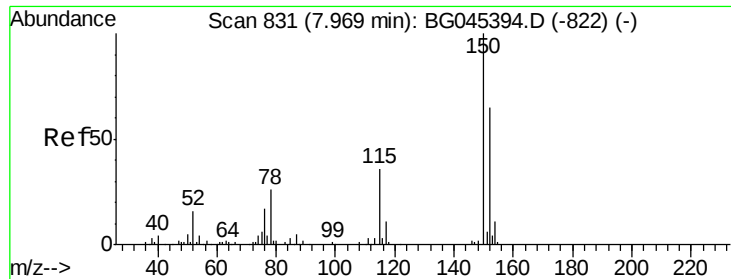
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	289793	101.162	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	164059	47.585	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	173937	44.148	nq	98
46) 1,1'-Biphenyl	13.43	154	530104	48.552	nq	99
47) 2-Chloronaphthalene	13.47	162	399046	45.009	nq	99
48) 2-Nitroaniline	13.68	65	136842	46.921	nq	91
49) Acenaphthylene	14.32	152	678496	47.644	nq	99
50) Dimethylphthalate	14.05	163	565893	46.425	nq	99
51) 2,6-Dinitrotoluene	14.17	165	129246	46.990	nq	98
52) Acenaphthene	14.66	154	396276	41.570	nq	98
53) 3-Nitroaniline	14.51	138	68235	24.404	nq	94
54) 2,4-Dinitrophenol	14.71	184	146365	81.149	nq	94
55) Dibenzofuran	15.00	168	657996	46.481	nq	98
56) 4-Nitrophenol	14.85	139	193926	91.610	nq	87
57) 2,4-Dinitrotoluene	14.97	165	187375	47.038	nq	98
58) Fluorene	15.65	166	546873	47.023	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	167410	48.298	nq	100
60) Diethylphthalate	15.42	149	595423	46.931	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	305197	45.859	nq	99
62) 4-Nitroaniline	15.68	138	129033	44.205	nq	95
63) Azobenzene	15.93	77	557307	47.110	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	118657	47.739	nq	96
66) n-Nitrosodiphenylamine	15.86	169	496153	48.420	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	211740	45.818	nq	99
68) Hexachlorobenzene	16.66	284	230725	47.734	nq	98
69) Atrazine	16.81	200	198689	47.076	nq	98
70) Pentachlorophenol	17.01	266	238277	94.940	nq	99
71) Phenanthrene	17.39	178	898526	48.227	nq	99
72) Anthracene	17.48	178	924254	49.399	nq	99
73) Carbazole	17.75	167	859111	47.106	nq	99
74) Di-n-butylphthalate	18.31	149	1038123	47.424	nq	99
75) Fluoranthene	19.40	202	1145871	48.353	nq	99
77) Benzidine	19.58	184	407477	37.183	nq	98
78) Pyrene	19.76	202	1124828	50.572	nq	99
80) Butylbenzylphthalate	20.65	149	454209	47.311	nq	99
81) Benzo(a)anthracene	21.59	228	1055029	48.538	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	257211	30.167	nq	97
83) Chrysene	21.66	228	1009881	48.319	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	629389	47.691	nq	99
85) Di-n-octyl phthalate	22.69	149	1069044	47.164	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1294662	47.371	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1108483	47.719	nq	99
89) Benzo(k)fluoranthene	23.83	252	1089178	49.908	nq	99
90) Benzo(a)pyrene	24.61	252	1024248	47.344	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1059229	48.722	nq	99
92) Benzo(g,h,i)perylene	29.46	276	1081044	49.719	nq	97

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



#1

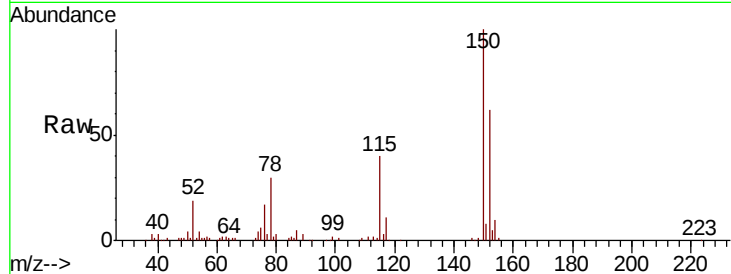
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.4	183.6
115	65.1	44.2	66.4

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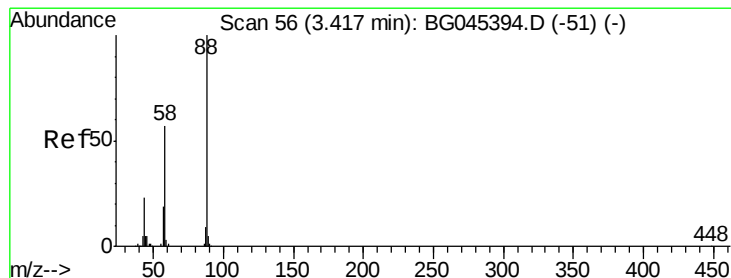
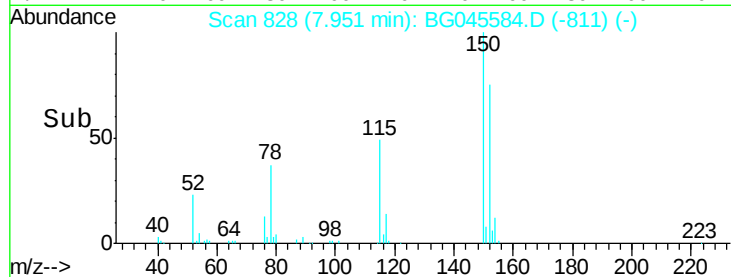
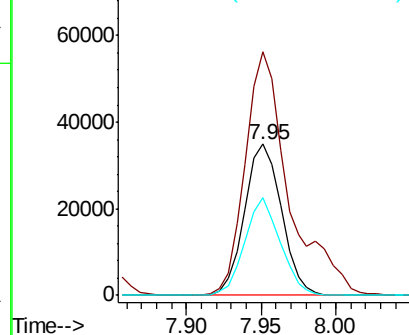


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

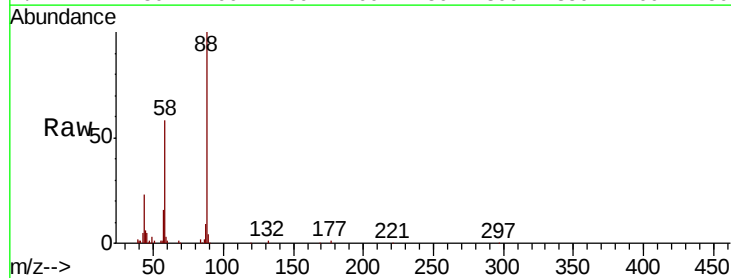
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.417 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	45.7	68.5
43	23.4	16.8	25.2

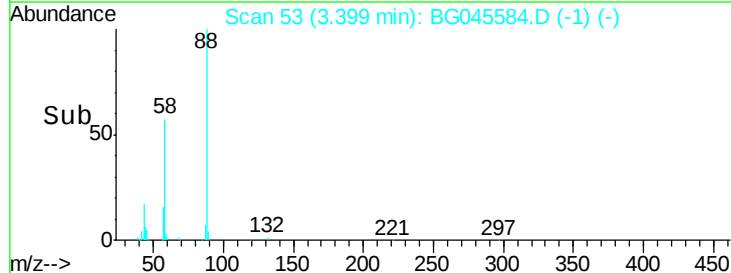
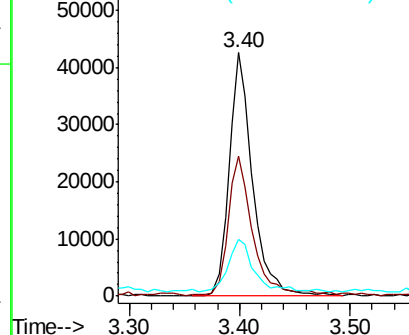


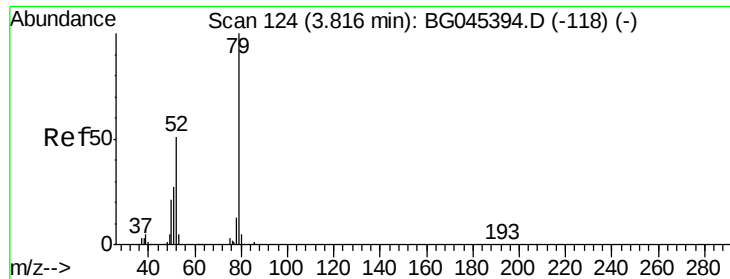
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.163 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

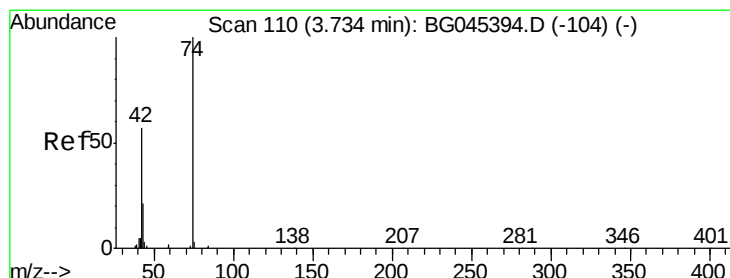
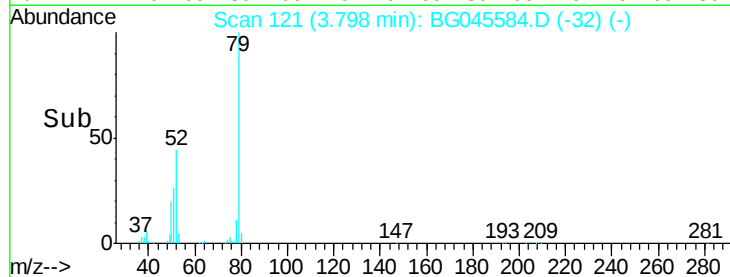
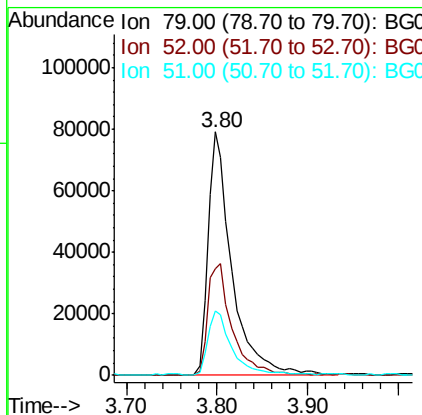
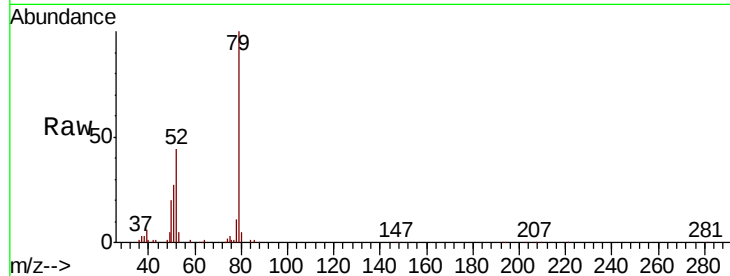
ClientSampleId :

PB129260BSD

Tot Ion:	79	Resp:	144717
Ion	Ratio	Lower	Upper
79	100		
52	43.9	40.8	61.2
51	26.7	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 47.256 ng

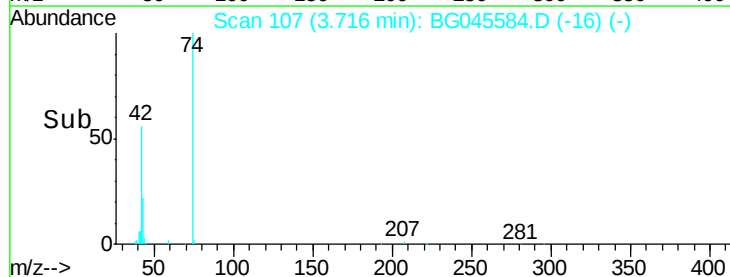
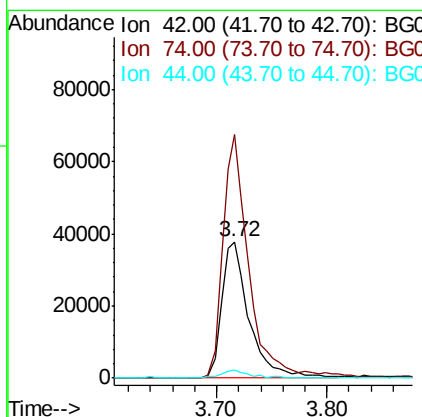
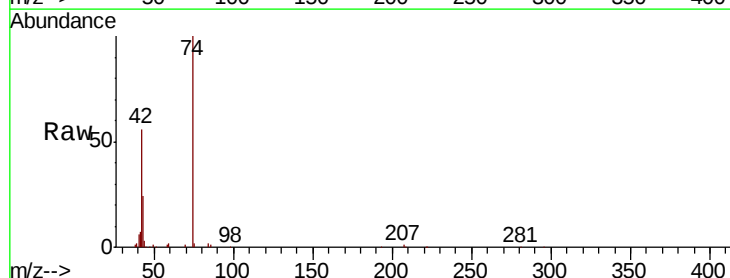
RT: 3.72 min Scan# 107

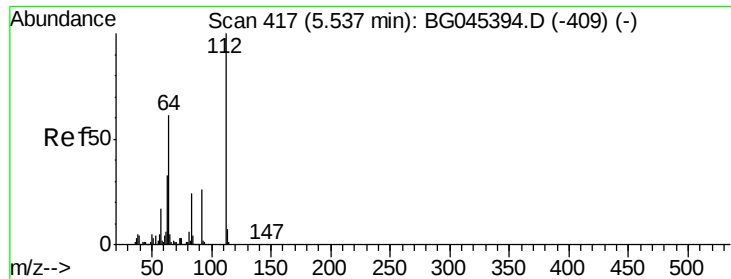
Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	42	Resp:	65504
Ion	Ratio	Lower	Upper
42	100		
74	178.5	141.3	211.9
44	5.7	4.2	6.4





#5

2-Fluorophenol

Concen: 157.840 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

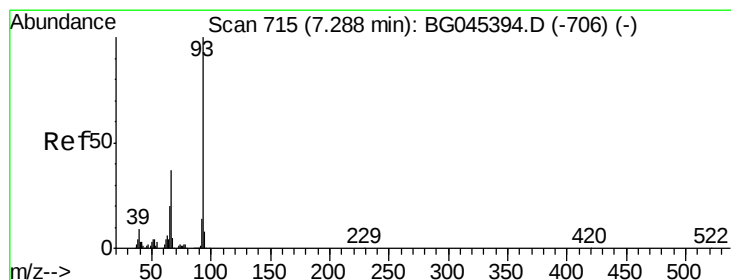
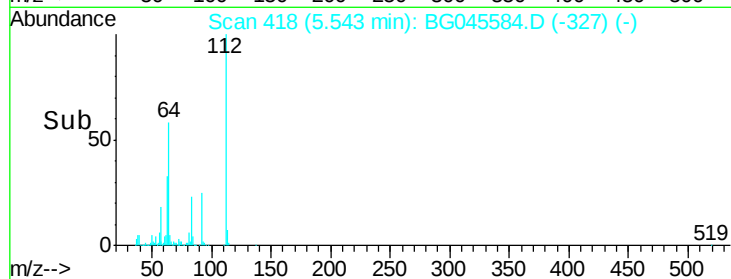
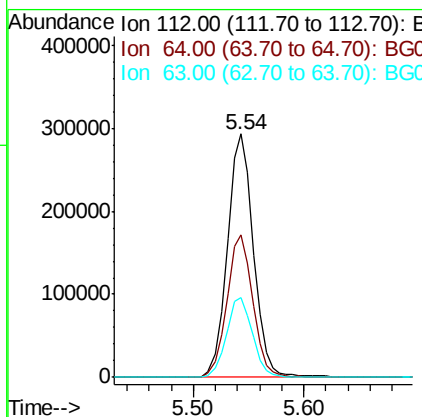
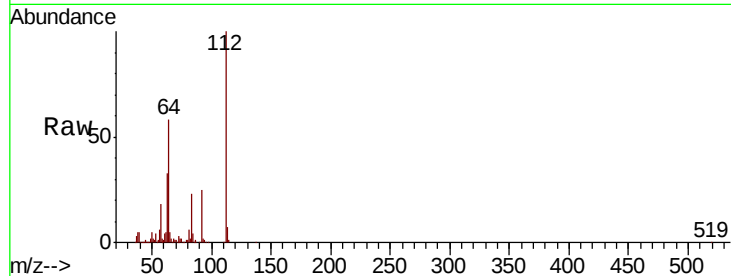
ClientSampleId :

PB129260BSD

Tot Ion:	112	Resp:	484126
Ion Ratio	Lower	Upper	
112	100		
64	58.4	48.6	72.8
63	32.6	26.5	39.7

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#6

Aniline

Concen: 32.156 ng

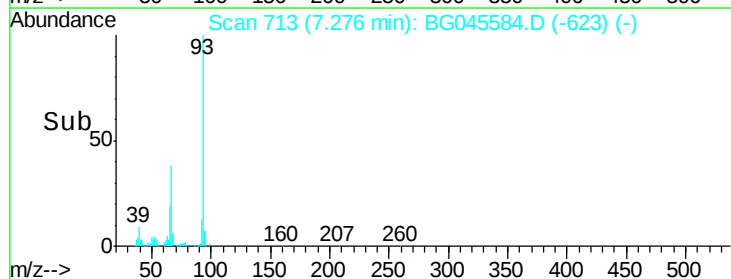
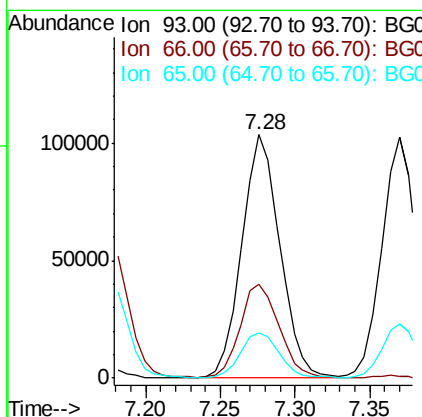
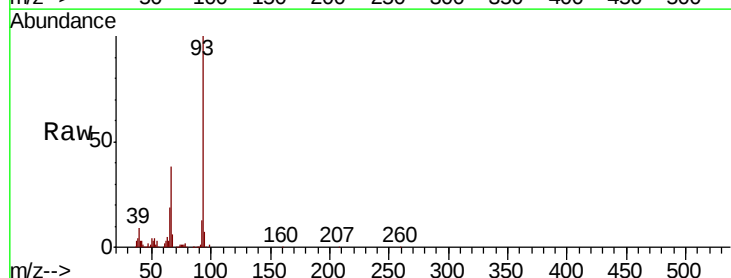
RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	93	Resp:	183251
Ion Ratio	Lower	Upper	
93	100		
66	38.3	29.6	44.4
65	18.8	15.9	23.9





#7

Phenol-d6

Concen: 155.587 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

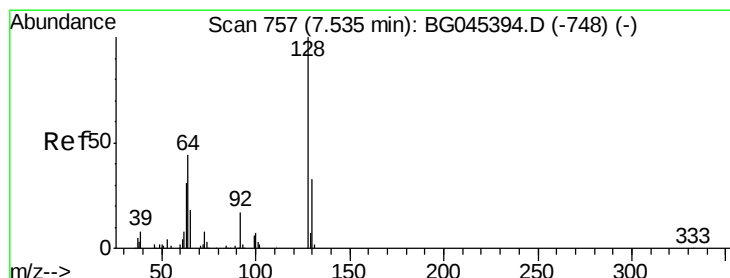
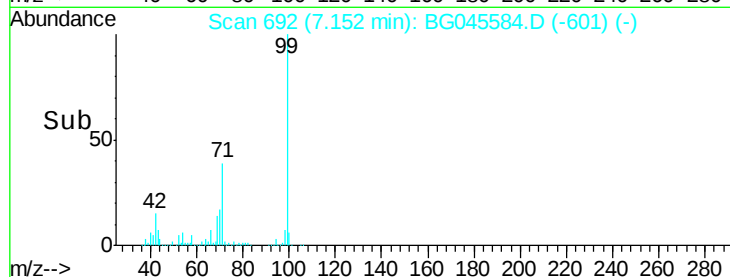
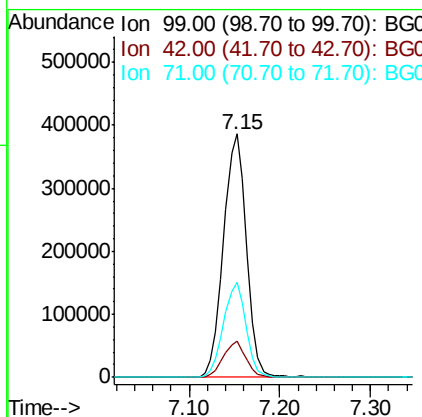
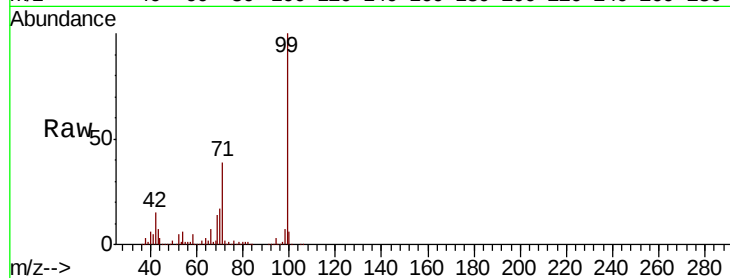
ClientSampleId :

PB129260BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		679218		
42	15.0	11.3	16.9		
71	39.0	30.8	46.2		

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#8

2-Chlorophenol

Concen: 52.635 ng

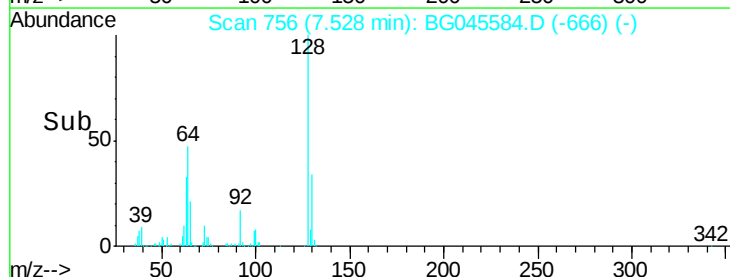
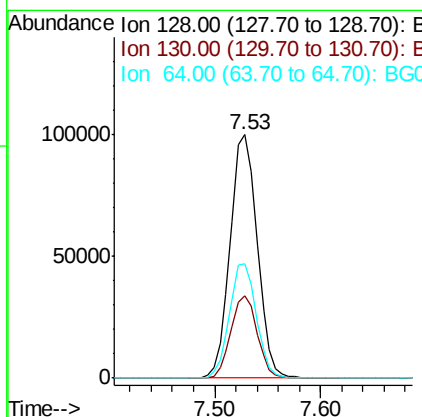
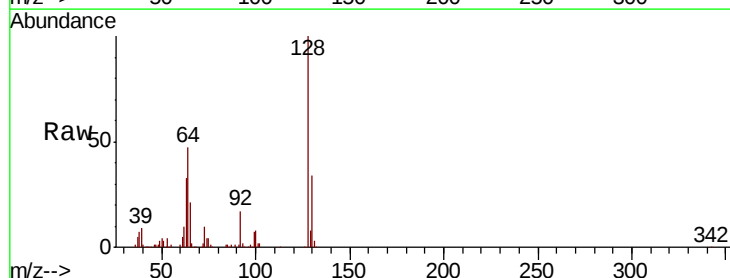
RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		177042		
130	33.6	12.6	52.6		
64	47.1	27.0	67.0		





#9

Benzaldehyde

Concen: 40.220 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

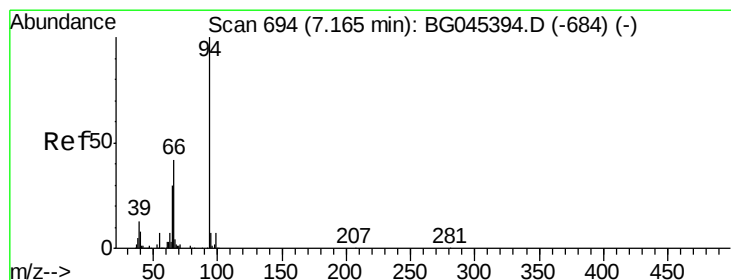
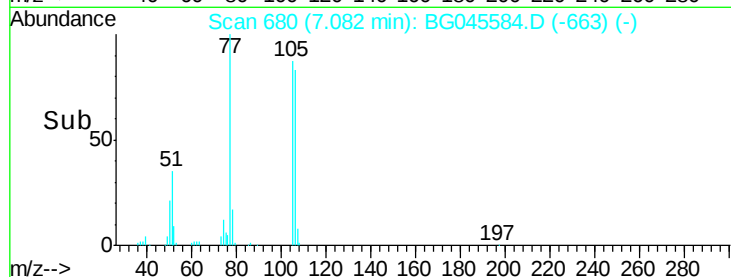
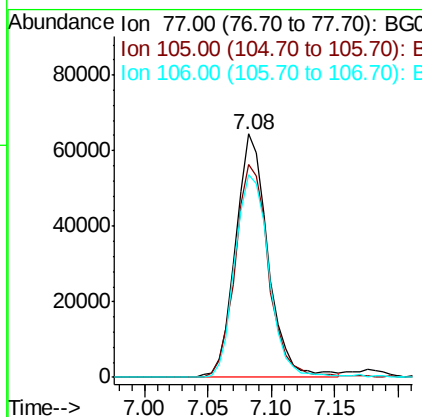
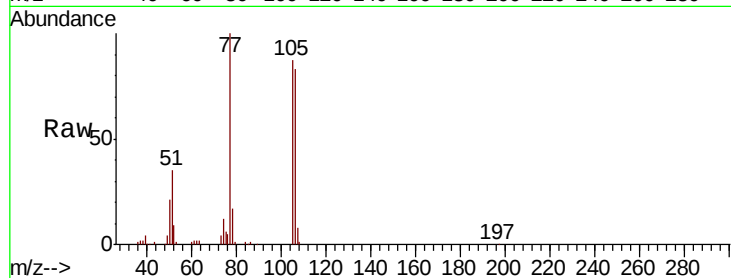
ClientSampleId :

PB129260BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	87.4	68.5	108.5	
106	83.4	71.6	111.6	

Manual Integrations
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#10

Phenol

Concen: 51.765 ng

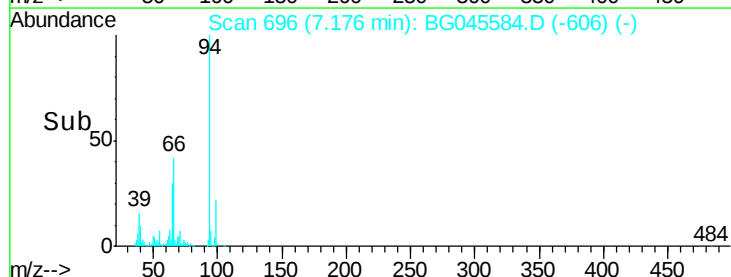
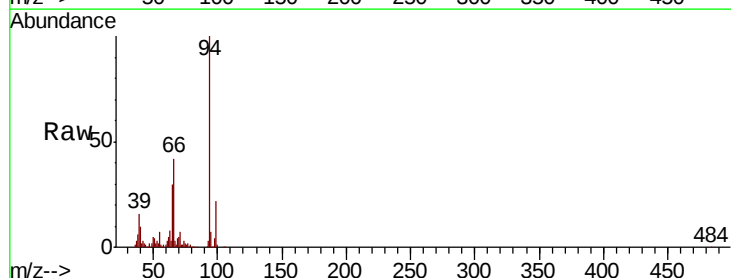
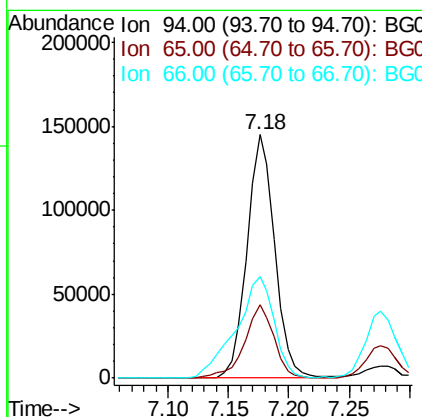
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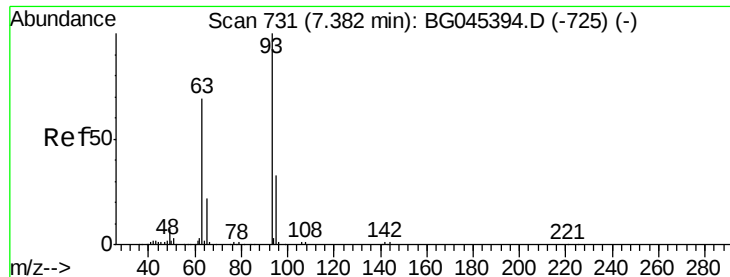
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.4	9.8	49.8	
66	41.8	22.0	62.0	





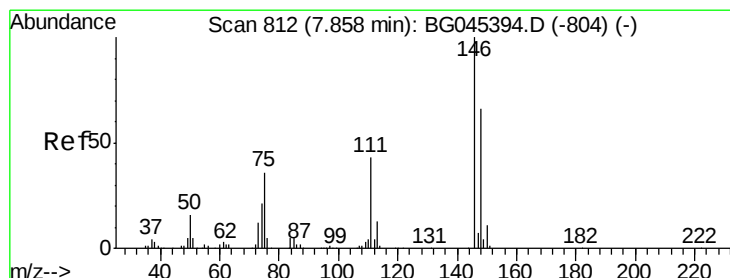
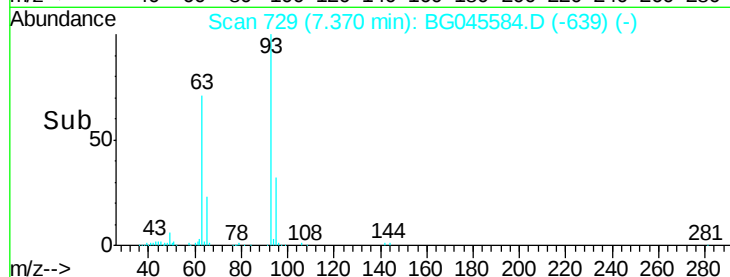
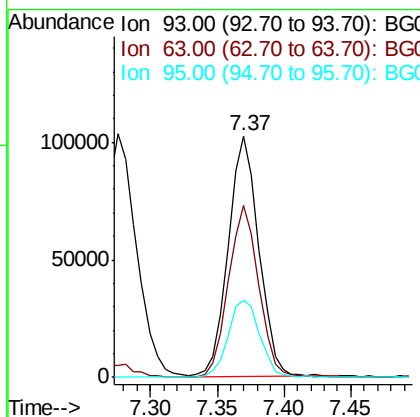
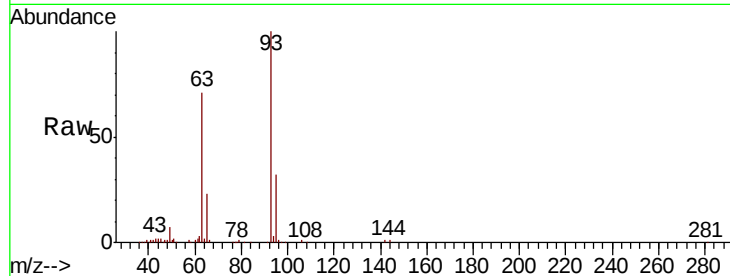
#11
bis(2-Chloroethyl)ether
Concen: 46.758 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	48.4	88.4
95	32.2	12.4	52.4

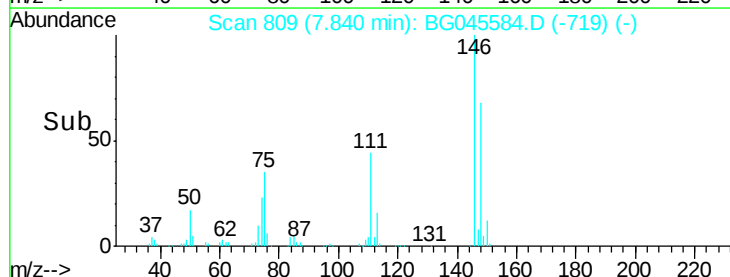
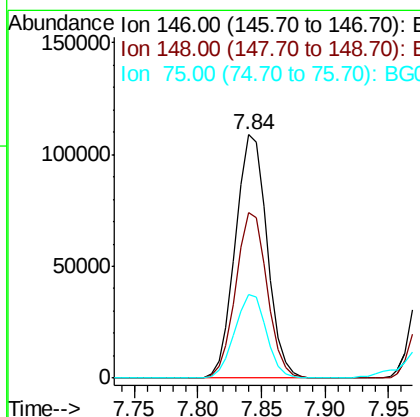
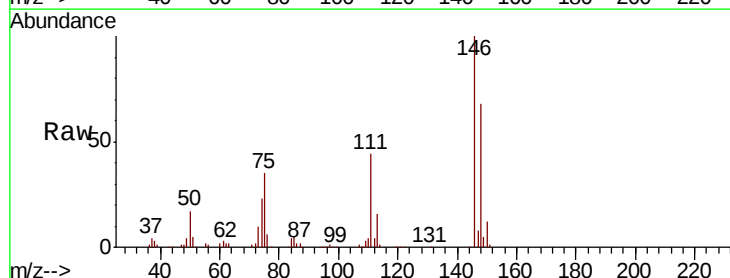
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#12
1,3-Dichlorobenzene
Concen: 46.825 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.2	79.8
75	34.6	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 48.025 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

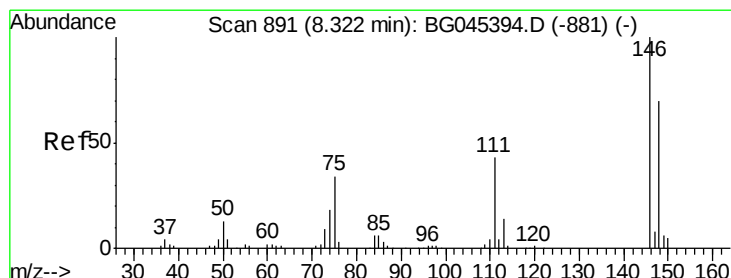
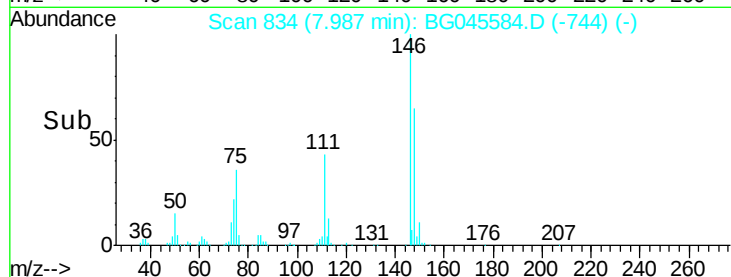
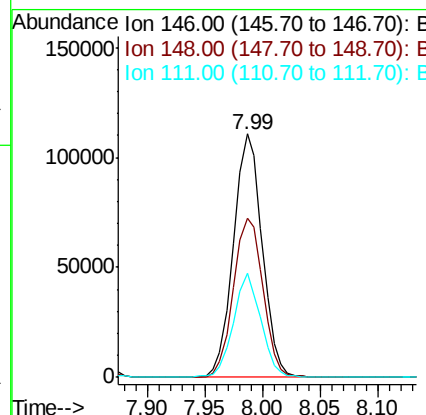
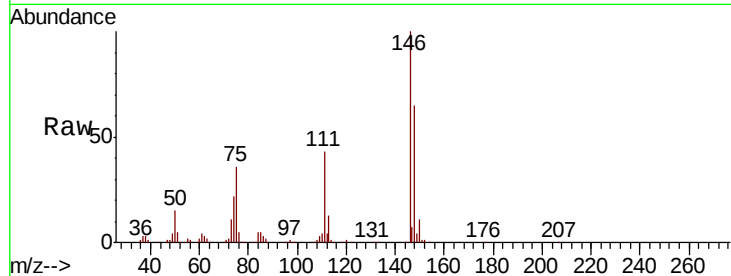
ClientSampleId :

PB129260BSD

Tot Ion:	146	Resp:	191569
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.8
111	42.7	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 46.793 ng

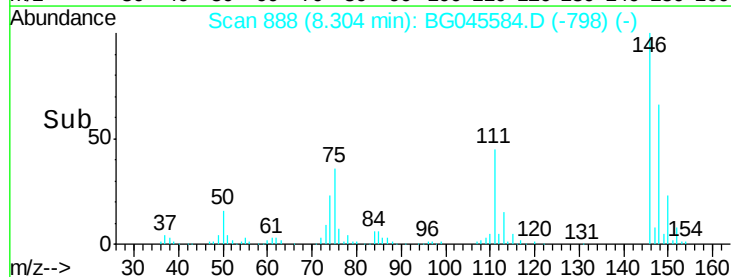
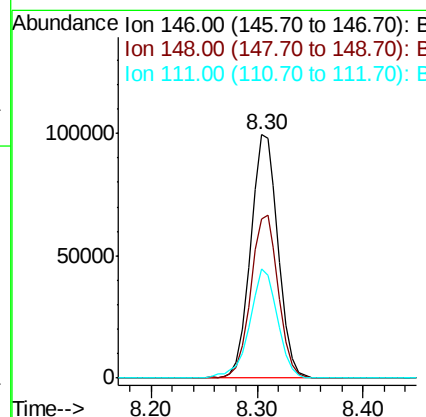
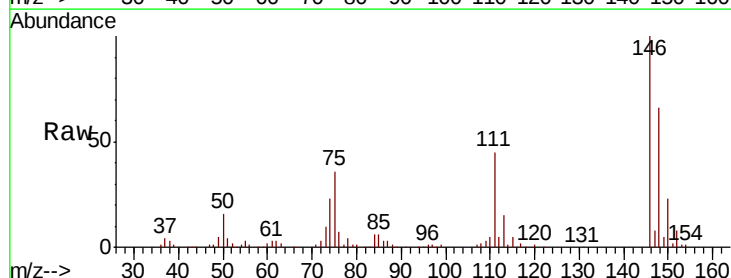
RT: 8.30 min Scan# 888

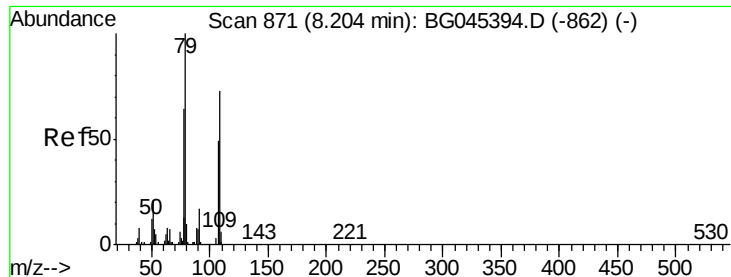
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	146	Resp:	179524
Ion Ratio	Lower	Upper	
146	100		
148	65.6	55.9	83.9
111	45.1	35.0	52.4





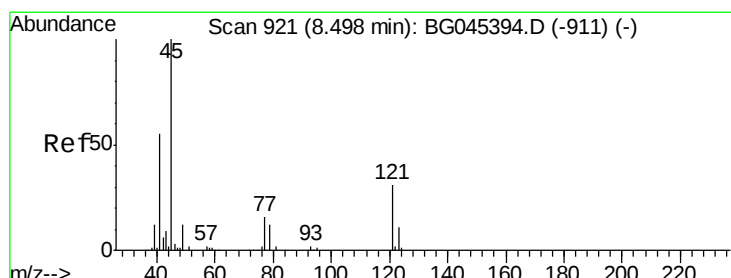
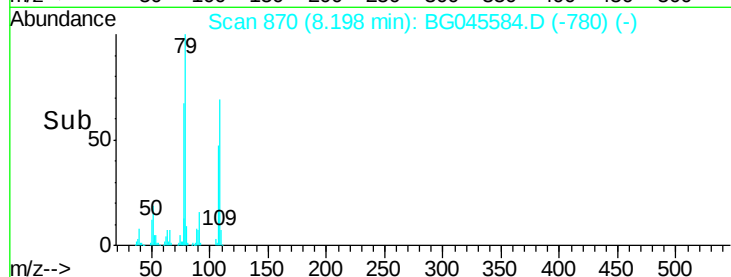
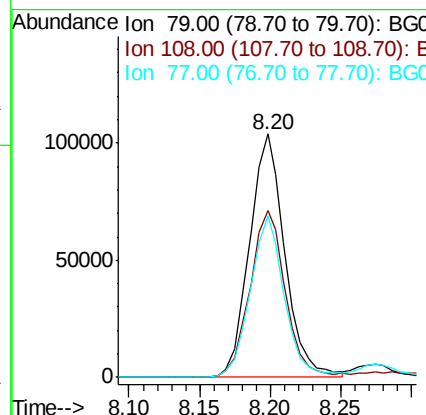
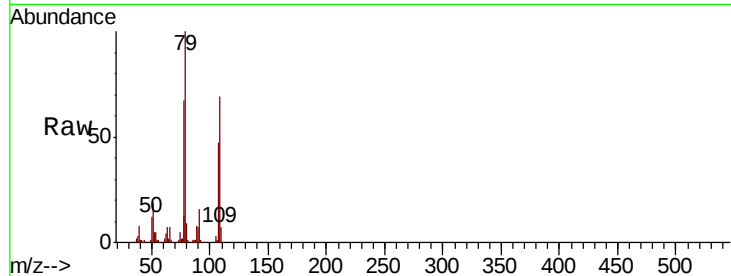
#15
Benzyl Alcohol
Concen: 50.474 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleID :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.5	58.2	87.4
77	66.5	51.0	76.4

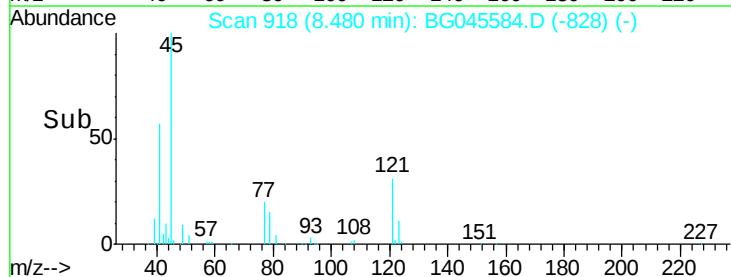
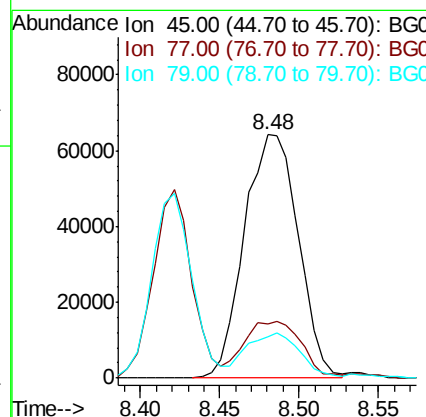
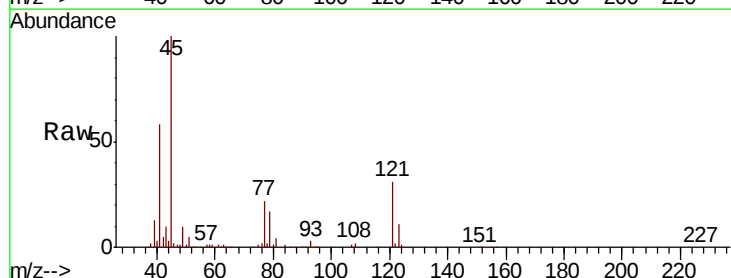
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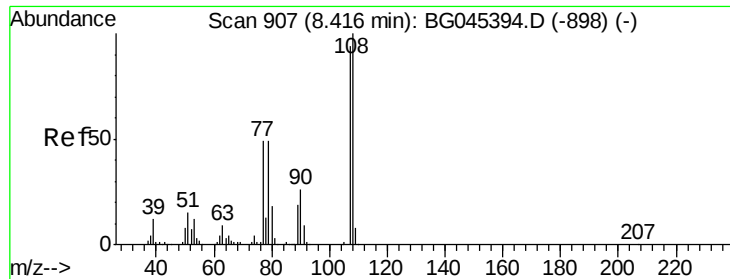
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.574 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.5	4.0	44.0
79	16.9	0.0	38.6





#17

2-Methylphenol

Concen: 47.046 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

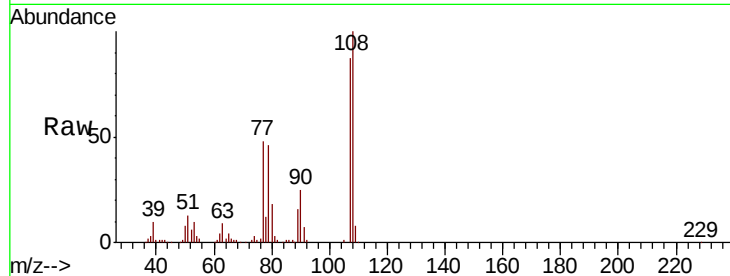
ClientSampleId :

PB129260BSD

Tot Ion:	107	Resp:	158434
Ion Ratio	Lower	Upper	
107	100		
108	115.6	85.2	127.8
77	54.9	41.6	62.4
79	53.7	41.8	62.8

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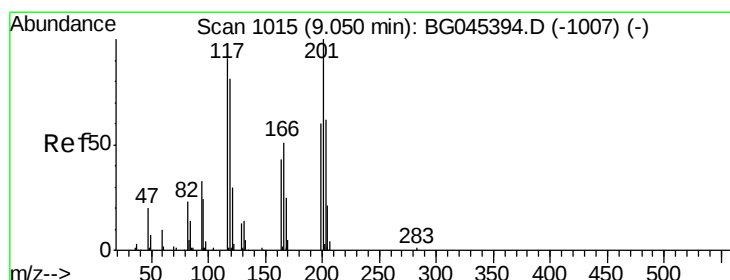
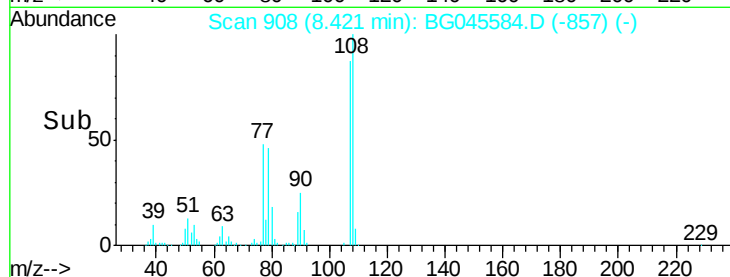
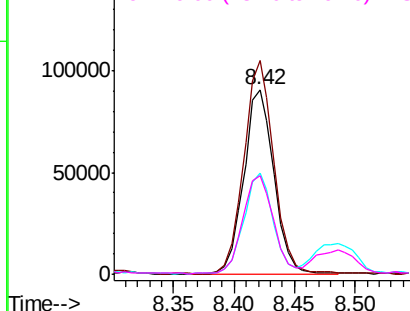
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.621 ng

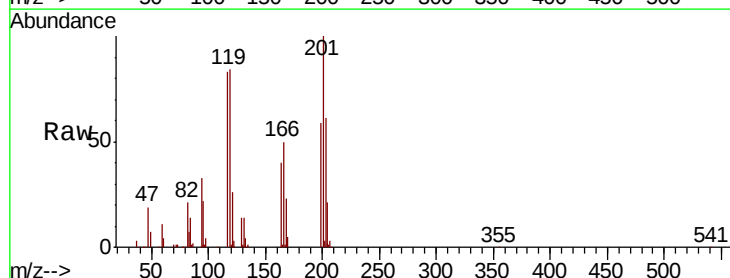
RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	117	Resp:	72753
Ion Ratio	Lower	Upper	
117	100		
119	101.6	71.3	106.9
201	120.9	87.5	131.3

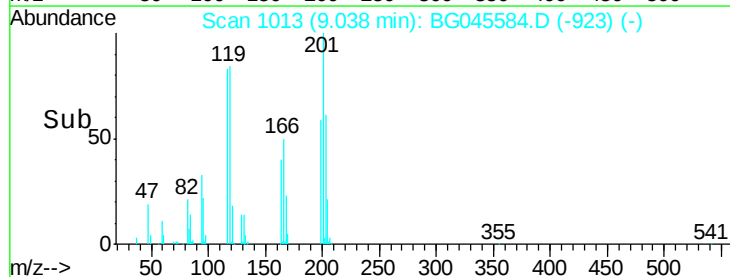
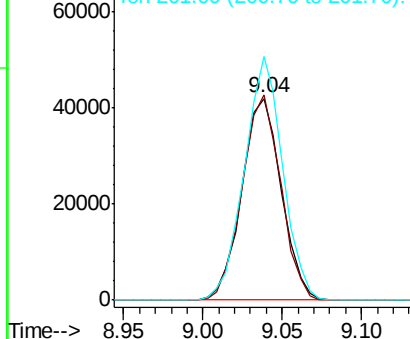


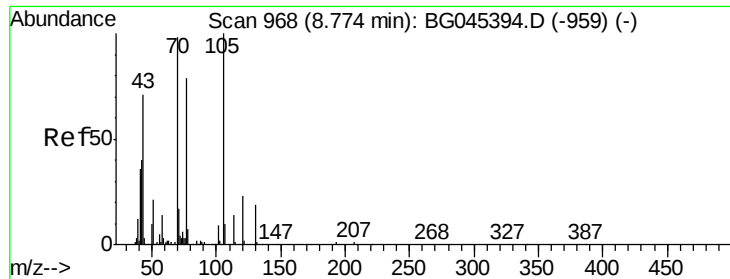
Abundance

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





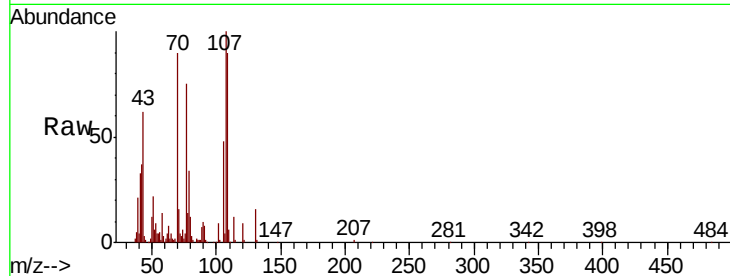
#19
n-Nitroso-di-n-propylamine
Concen: 49.011 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

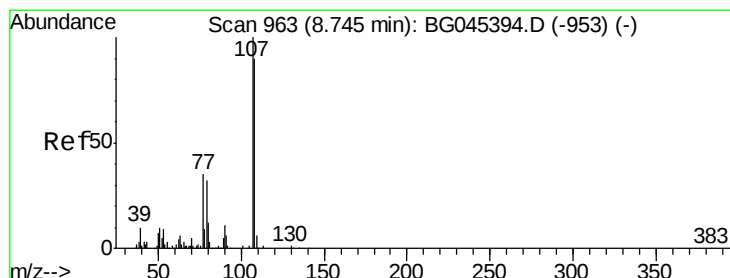
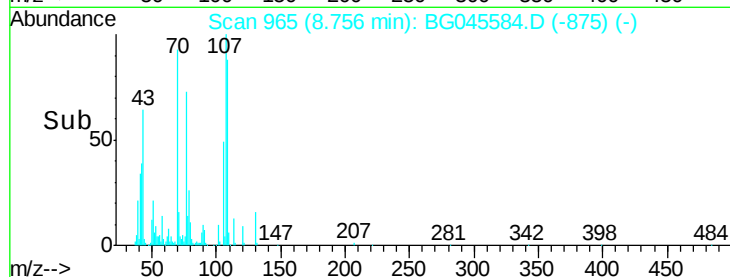
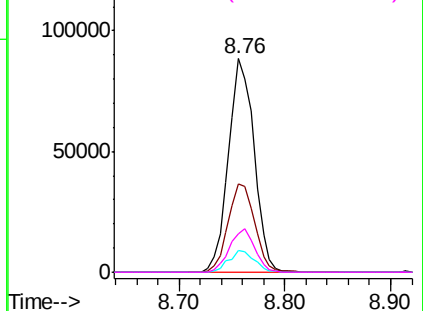
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.6	33.2	49.8		
101	10.2	7.8	11.6		
130	17.7	15.4	23.2		

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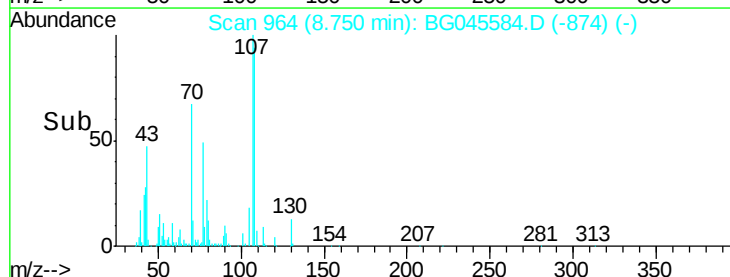
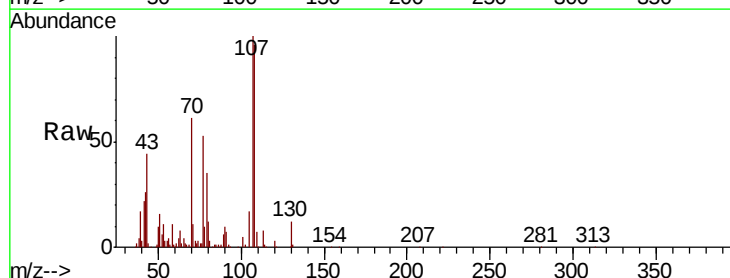
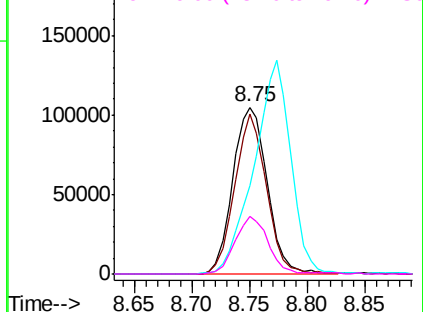
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.227 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.2	70.3	110.3		
77	52.9	15.4	55.4		
79	34.7	12.6	52.6		

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





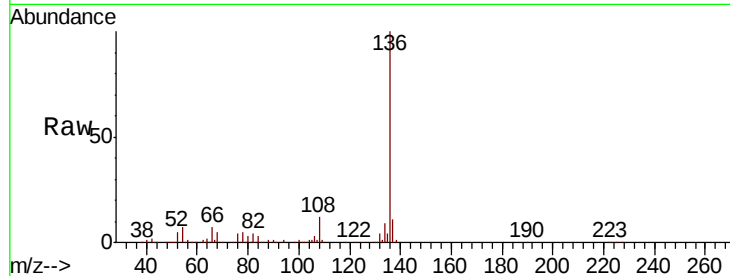
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244665		
137	11.5	9.4	14.2	
54	6.6	5.8	8.6	
68	5.4	4.5	6.7	

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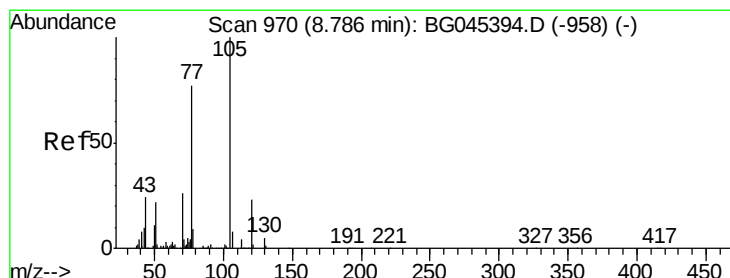
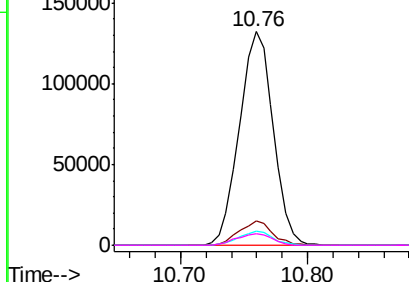
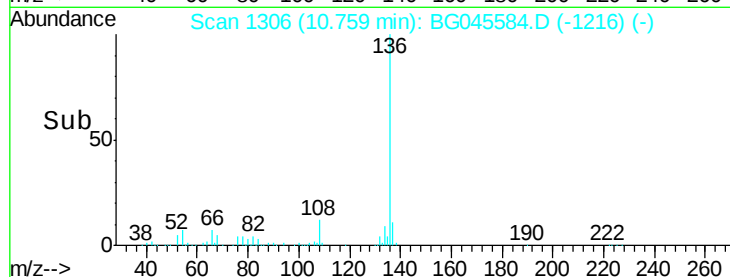
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

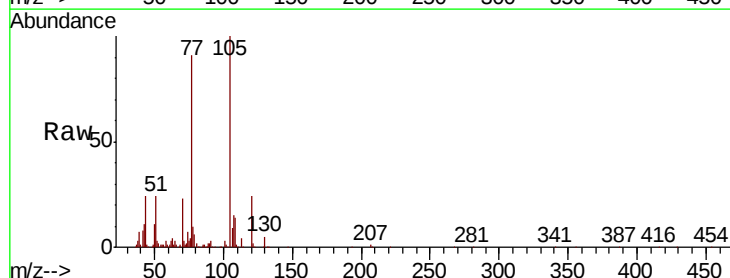
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.417 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269165		
71	3.0	3.4	5.0#	
51	24.5	18.2	27.2	
120	23.6	18.6	27.8	



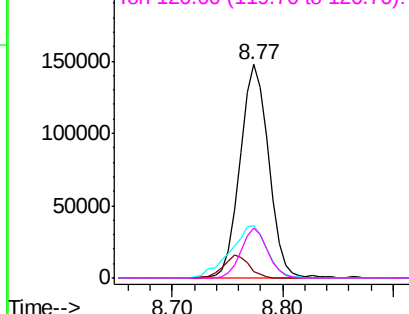
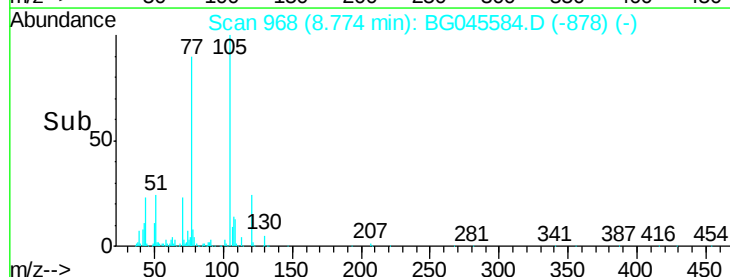
Abundance

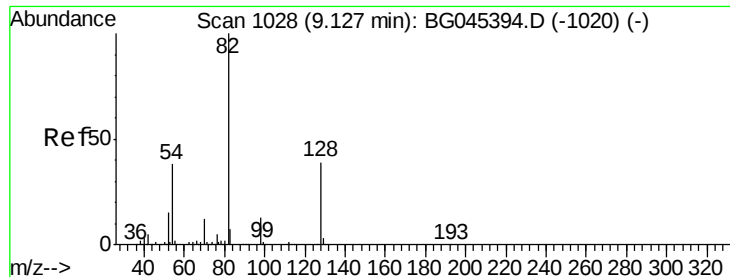
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





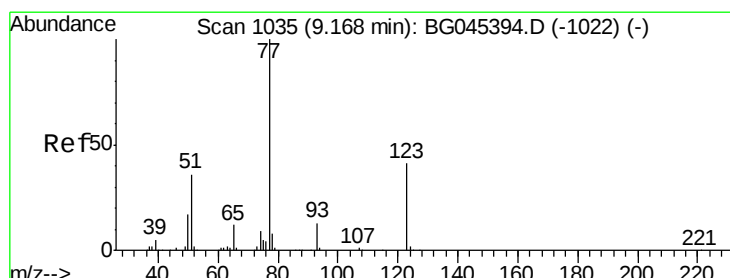
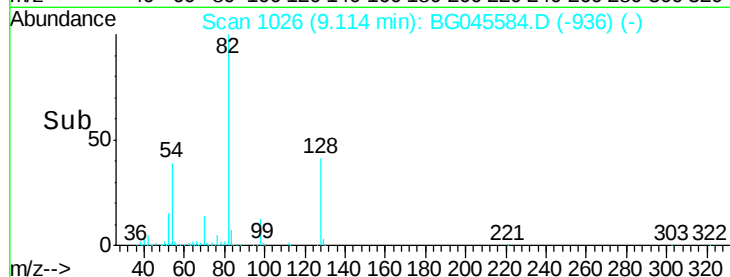
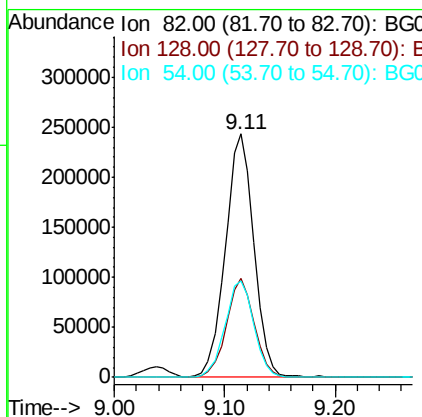
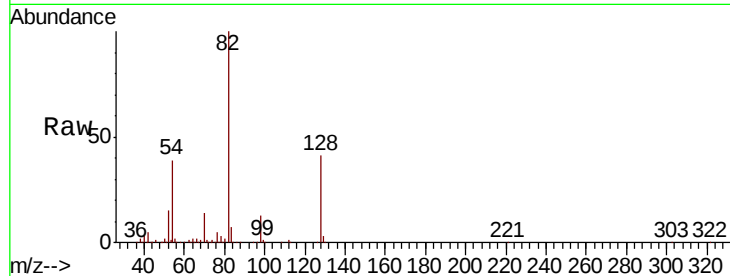
#23
Nitrobenzene-d5
Concen: 97.826 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	30.9	46.3	
54	39.4	30.3	45.5	

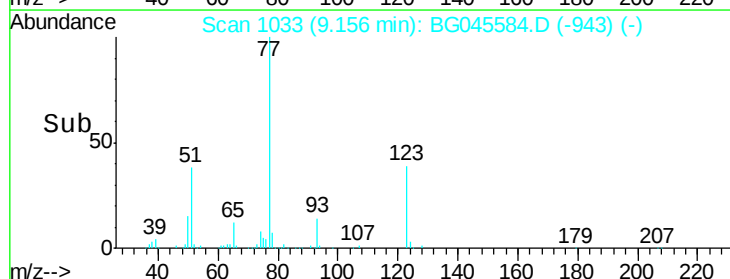
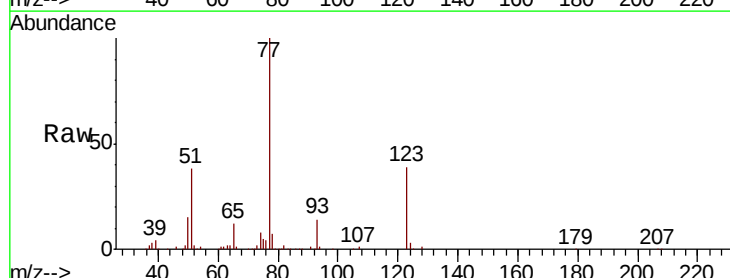
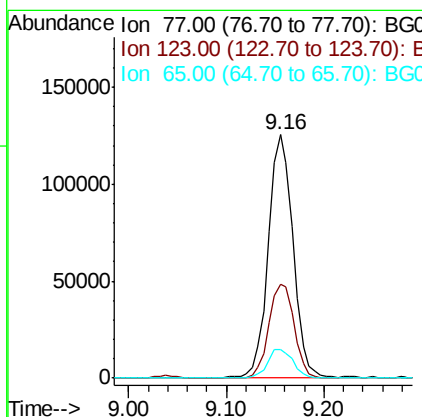
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#24
Nitrobenzene
Concen: 46.452 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.7	32.9	49.3	
65	11.8	9.4	14.2	





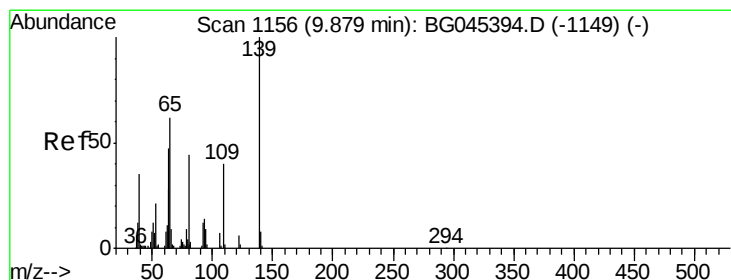
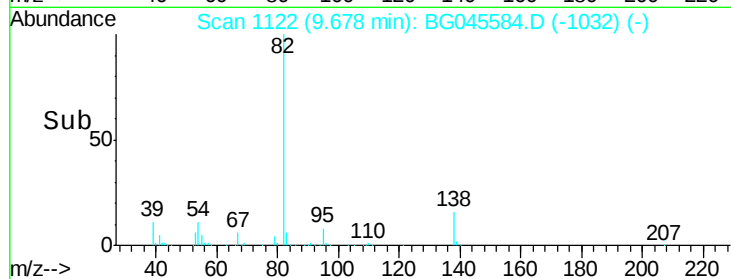
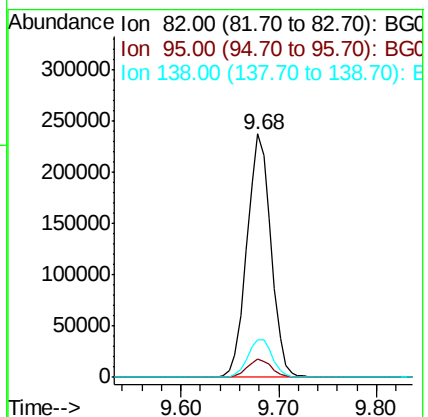
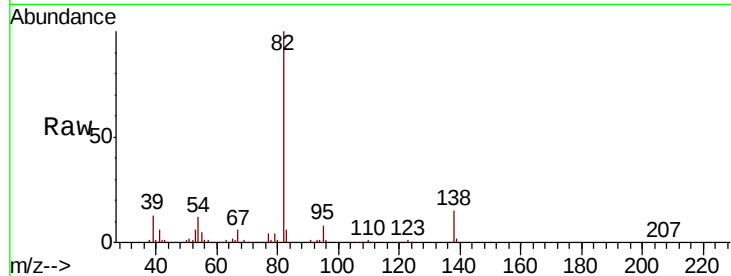
#25
Isophorone
Concen: 46.261 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	408763		
95	7.7		6.7	10.1
138	15.4		12.2	18.4

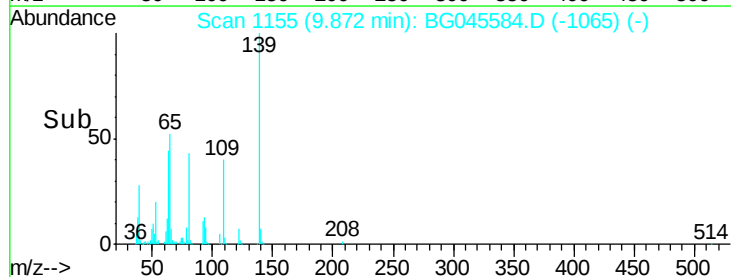
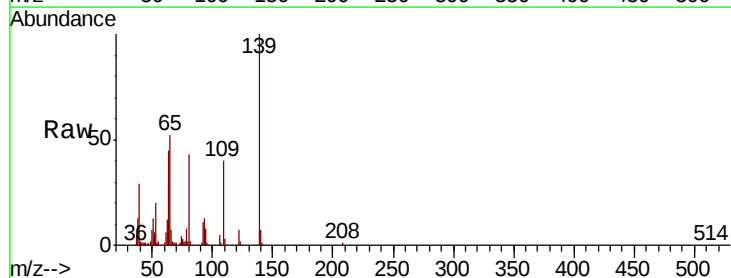
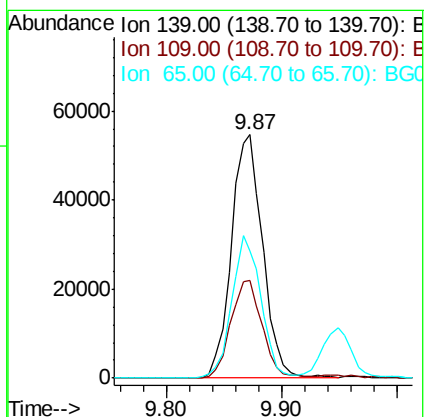
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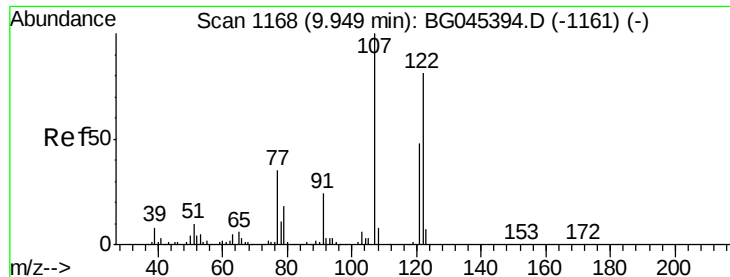
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#26
2-Nitrophenol
Concen: 49.569 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101931		
109	40.0		32.2	48.4
65	52.2		49.6	74.4





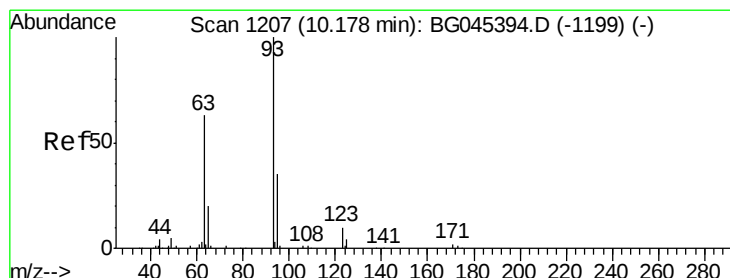
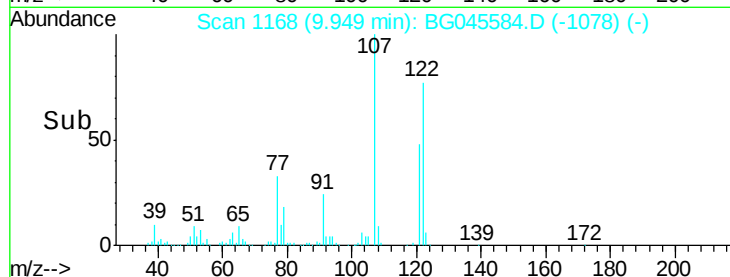
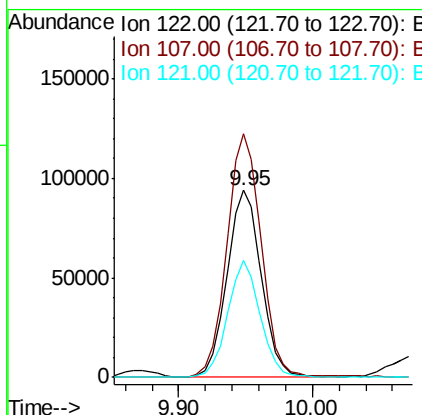
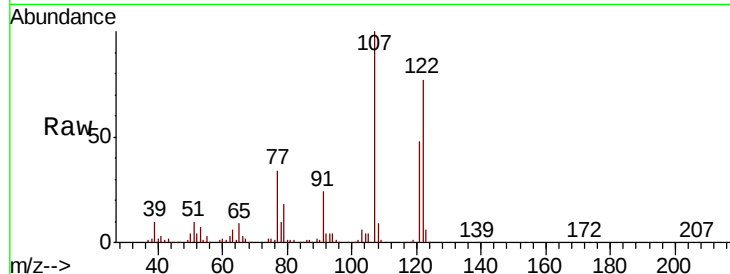
#27
2,4-Dimethylphenol
Concen: 54.773 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.2	99.0	148.4
121	62.3	47.7	71.5

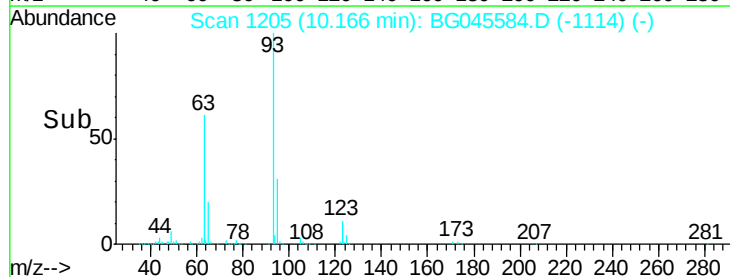
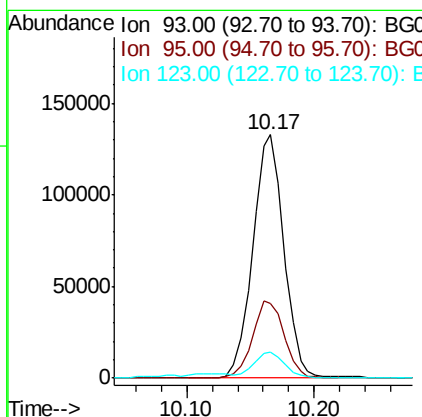
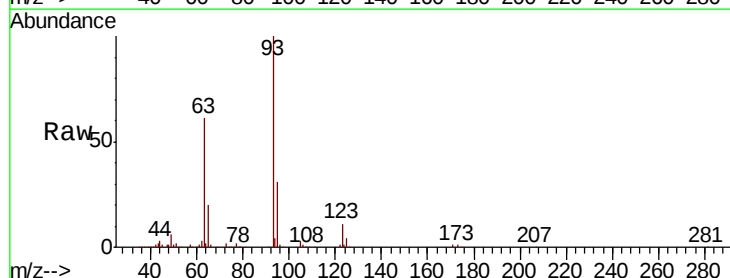
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#28
bis(2-Chloroethoxy)methane
Concen: 48.883 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	27.6	41.4
123	10.7	8.1	12.1





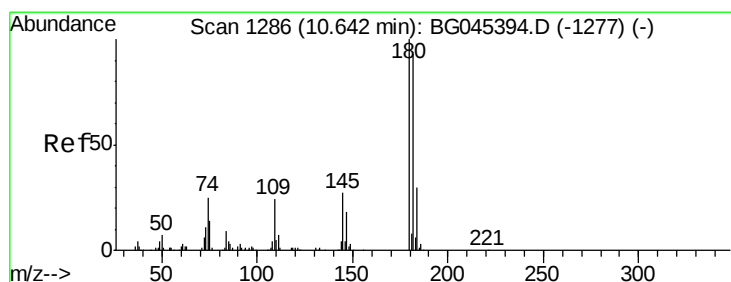
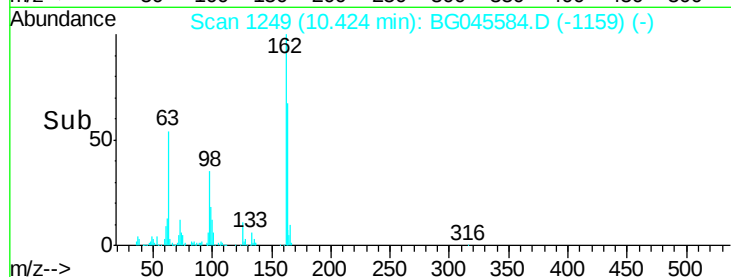
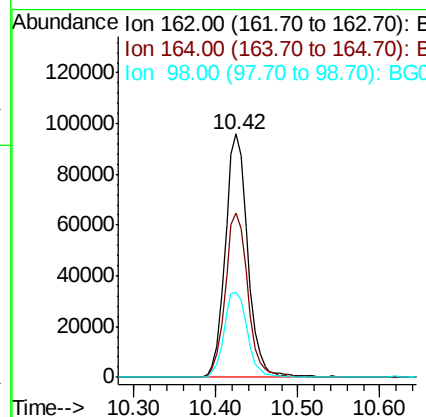
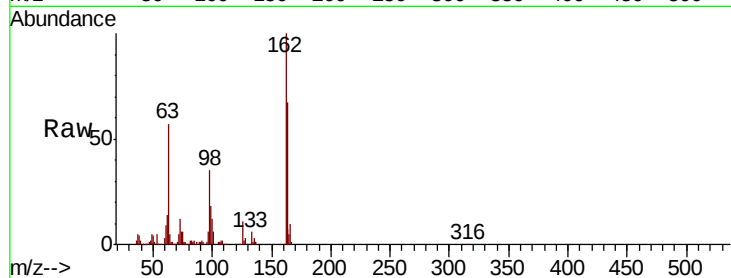
#29
 2,4-Dichlorophenol
 Concen: 50.951 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BSD

Tot Ion:	162	Resp:	183504
Ion Ratio	Lower	Upper	
162	100		
164	67.5	46.8	86.8
98	34.7	15.2	55.2

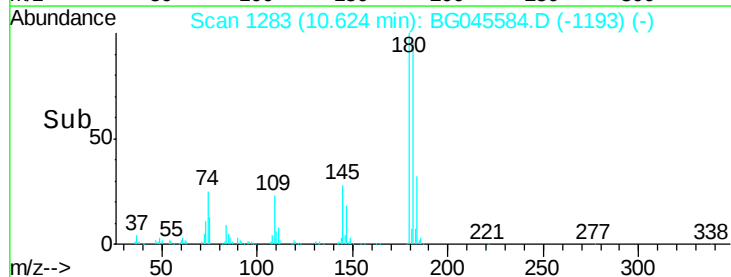
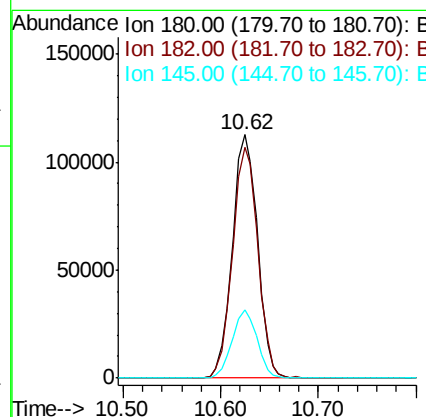
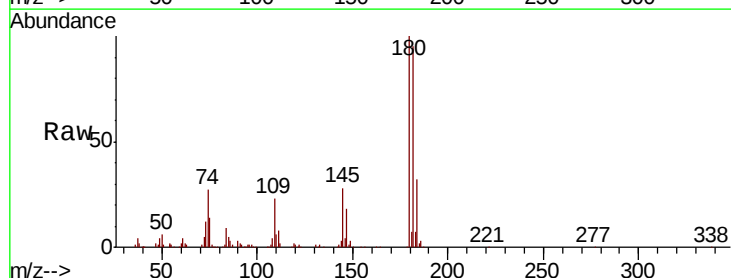
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.381 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion:	180	Resp:	201643
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.8	112.2
145	28.2	21.9	32.9





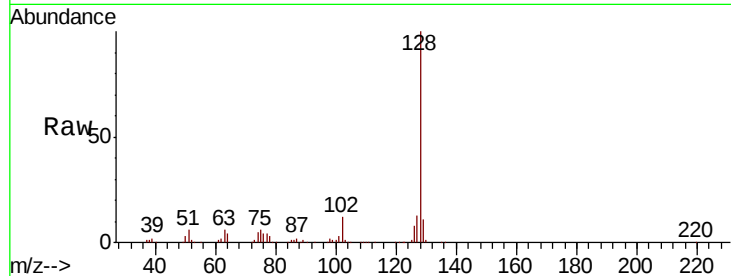
#31
Naphthalene
Concen: 46.781 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.6	
127	13.4	10.7	16.1	

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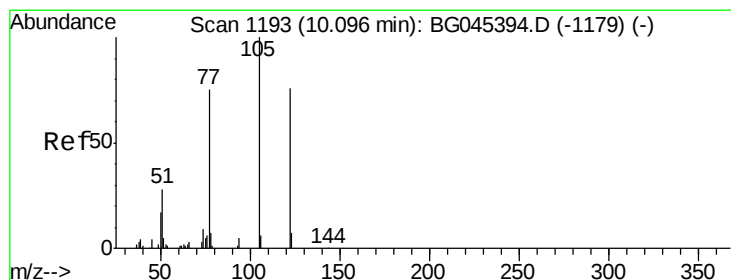
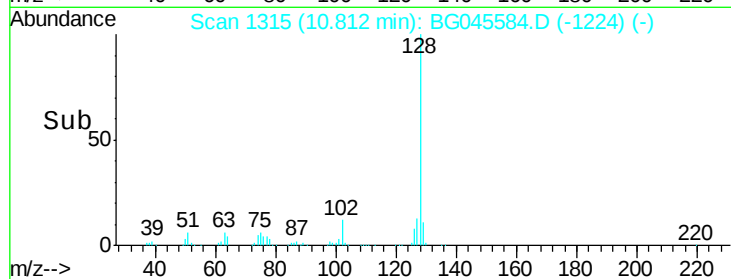
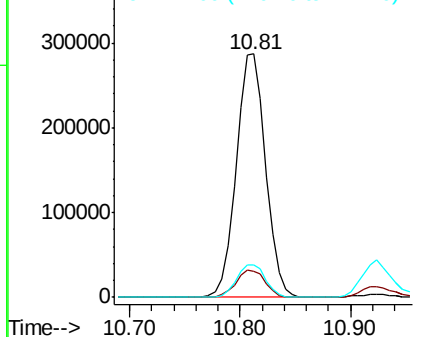


Abundance

Ion 128.00 (127.70 to 128.70): E

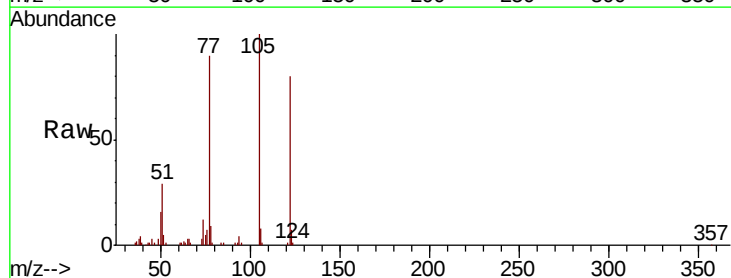
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.871 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.9	107.9	147.9	
77	112.4	78.9	118.9	

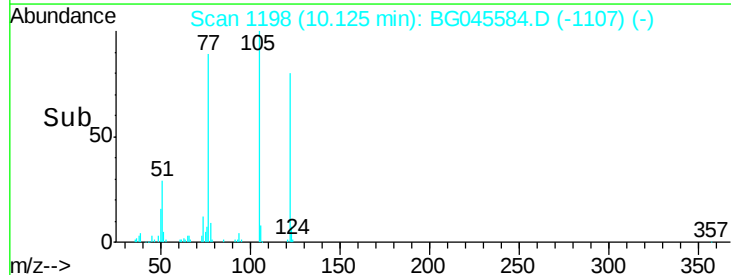
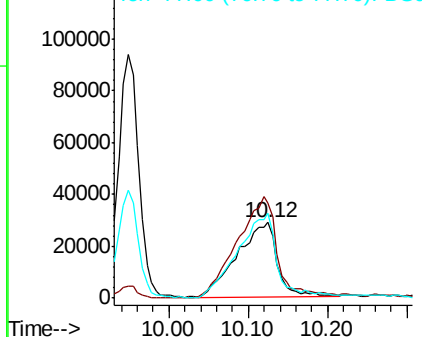


Abundance

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): BG





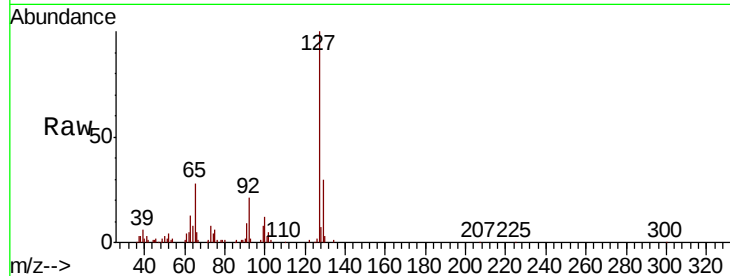
#33
4-Chloroaniline
Concen: 17.900 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

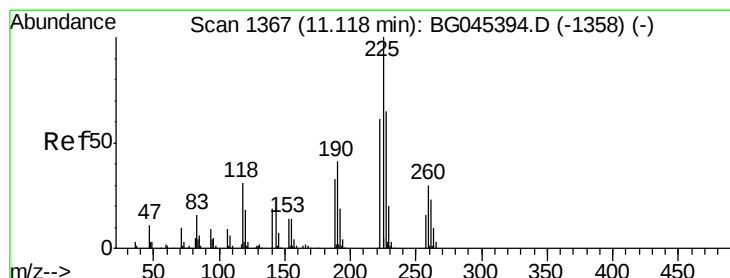
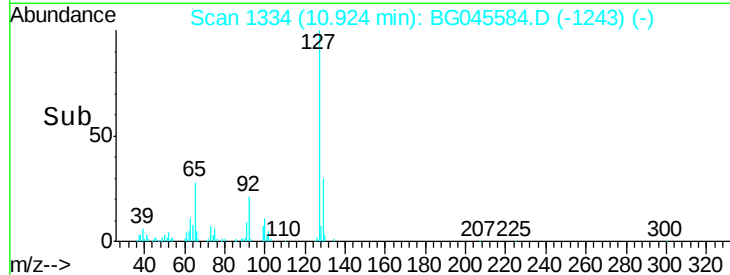
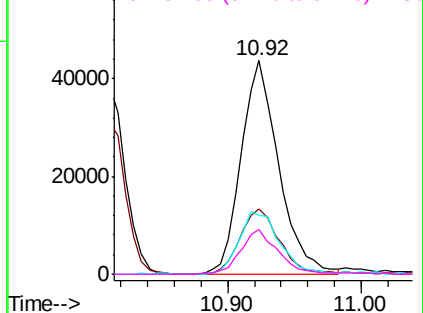
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	24.7	37.1		
65	27.8	26.2	39.2		
92	20.9	17.9	26.9		

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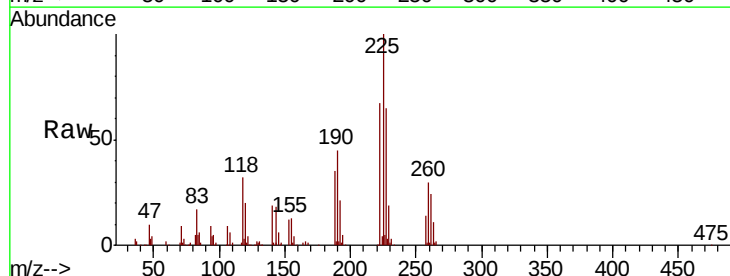


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

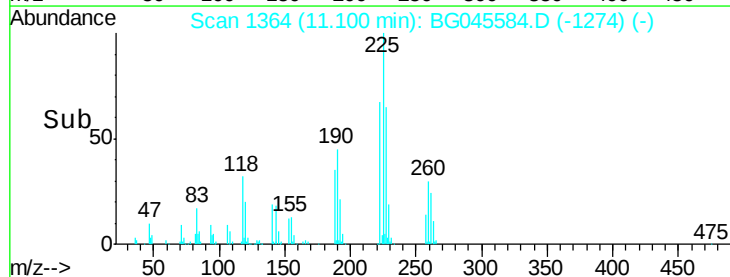
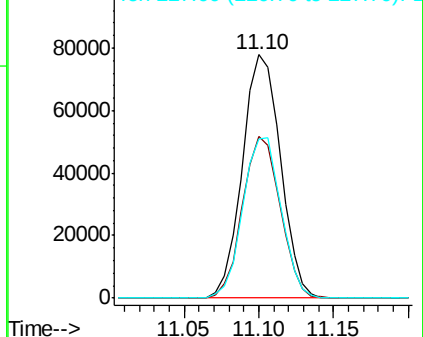


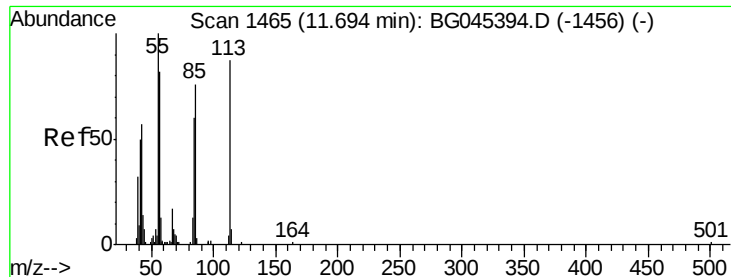
#34
Hexachlorobutadiene
Concen: 45.763 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.6	49.1	73.7		
227	65.3	52.0	78.0		



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





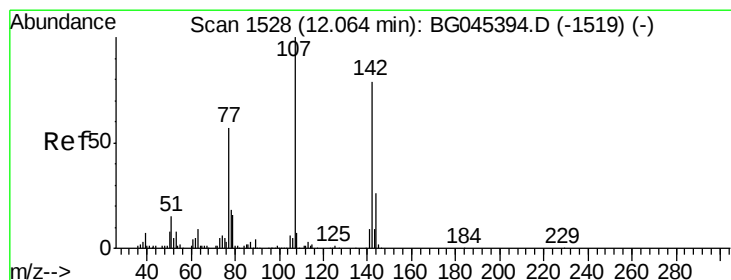
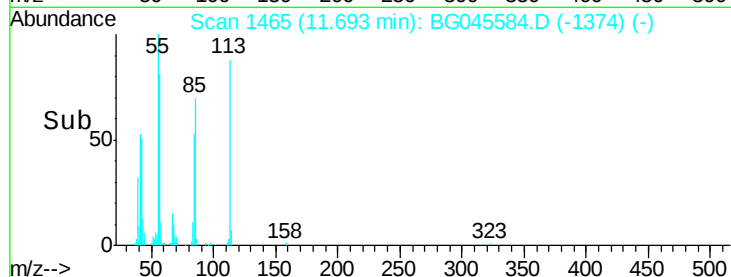
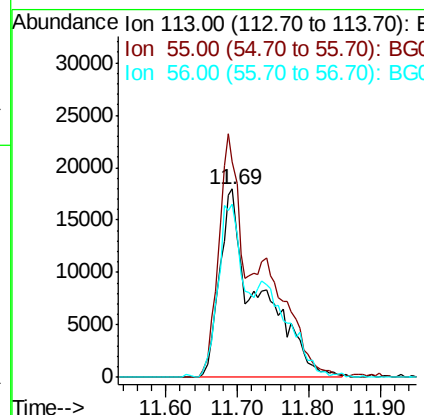
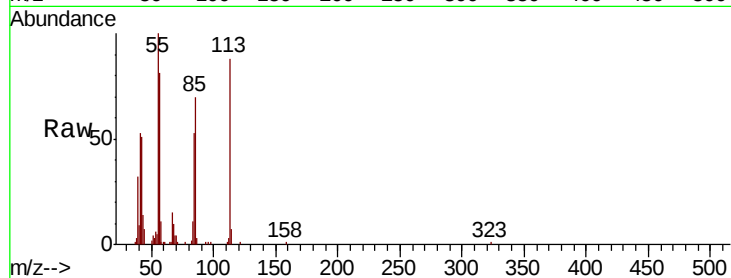
#35
Caprolactam
Concen: 51.480 ng/ml
RT: 11.69 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		68054		
55	114.3	96.0	136.0		
56	92.0	75.1	115.1		

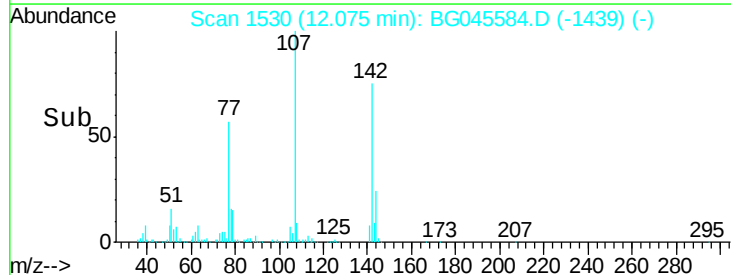
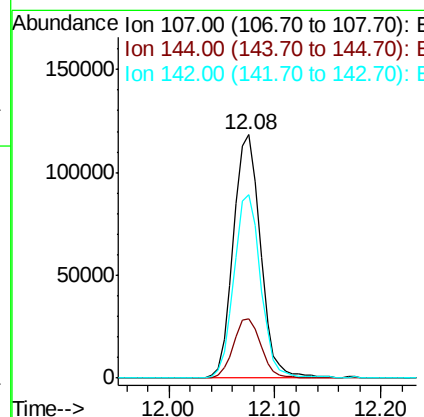
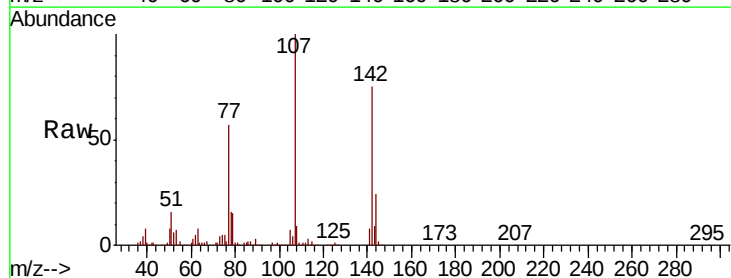
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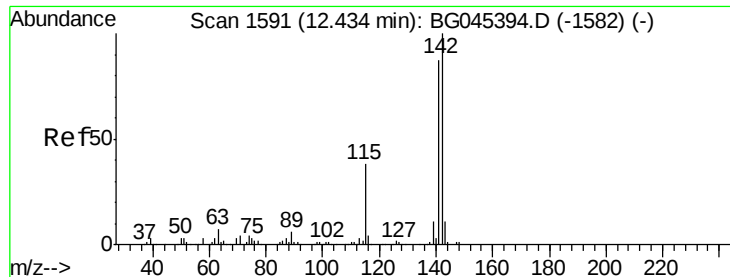
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#36
4-Chloro-3-methylphenol
Concen: 51.797 ng/ml
RT: 12.08 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		210212		
144	24.2	20.8	31.2		
142	75.4	62.8	94.2		





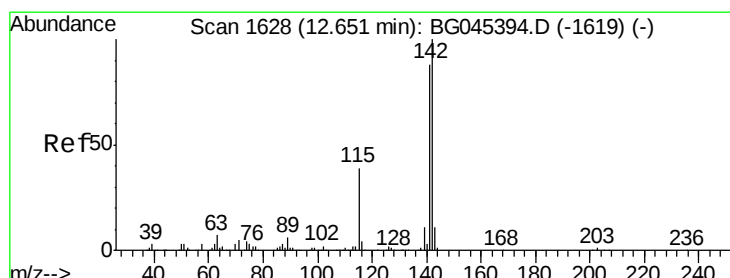
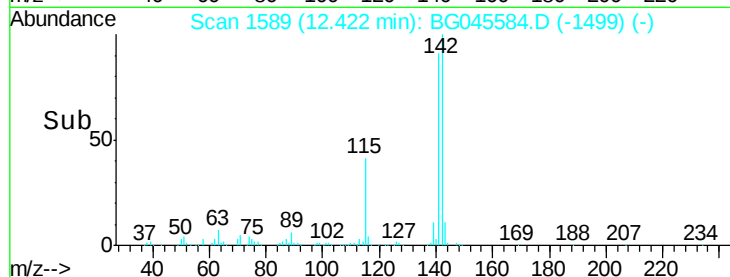
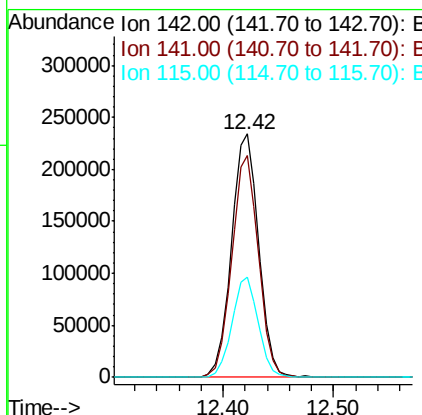
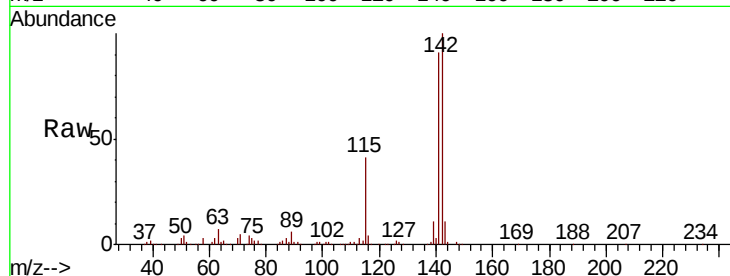
#37
2-Methylnaphthalene
Concen: 47.623 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.0	105.0
115	41.1	30.8	46.2

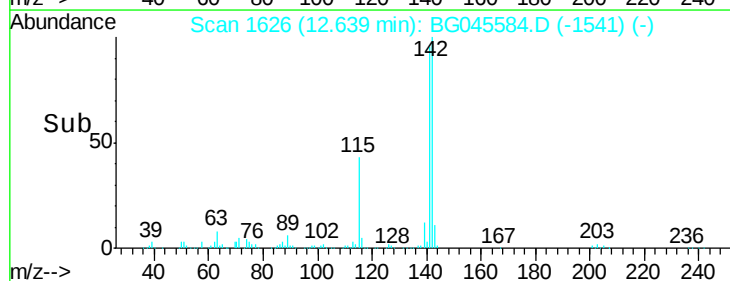
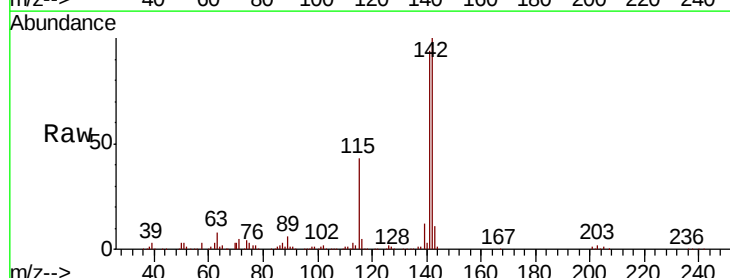
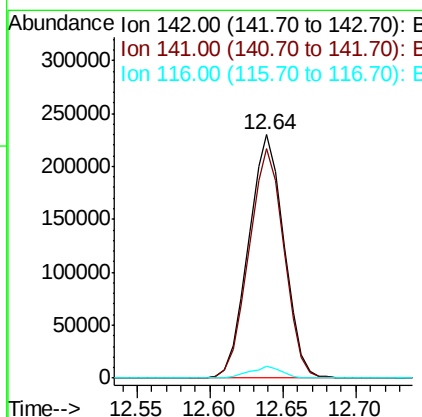
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#38
1-Methylnaphthalene
Concen: 48.207 ng m
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.8	106.2
116	4.7	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

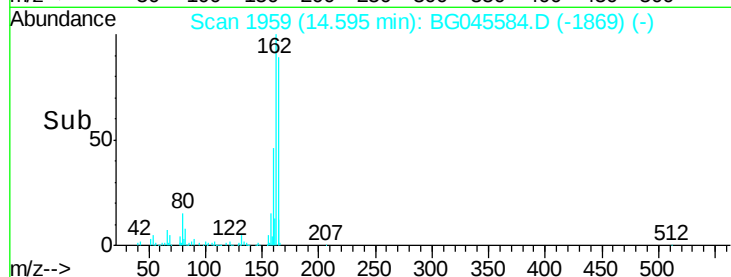
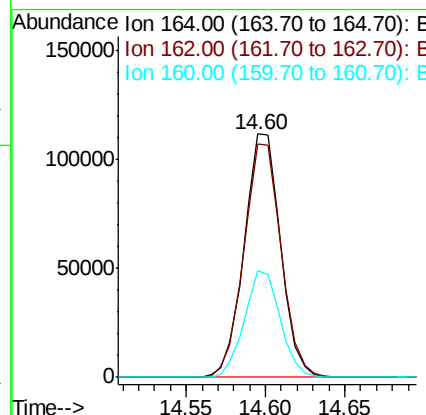
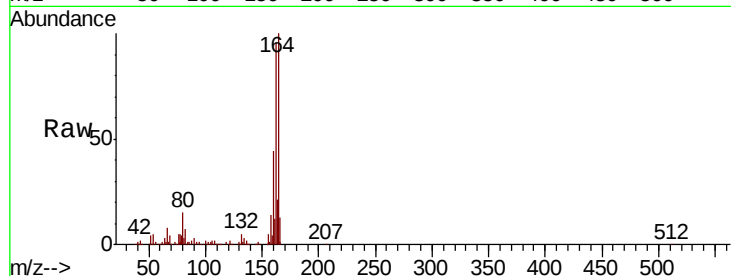
ClientSampleId :

PB129260BSD

Tot Ion:	164	Resp:	177689
Ion Ratio	Lower	Upper	
164	100		
162	95.9	76.9	115.3
160	43.9	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.174 ng

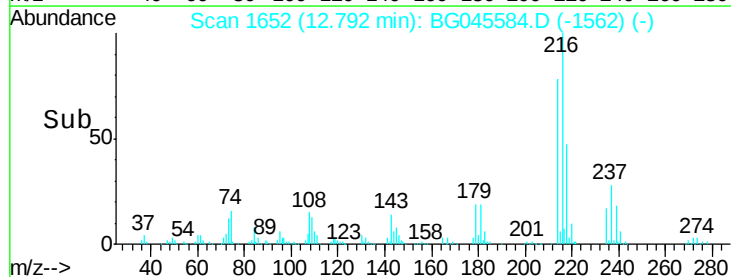
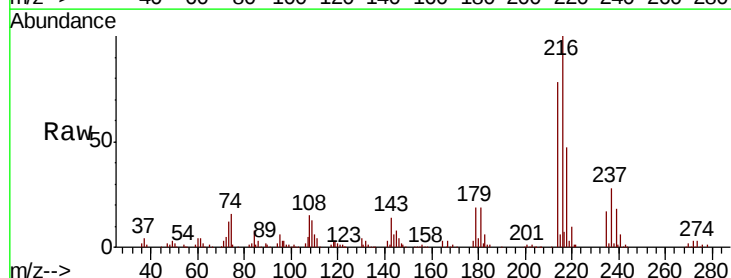
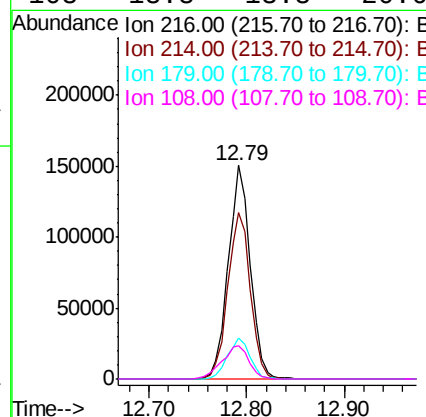
RT: 12.79 min Scan# 1652

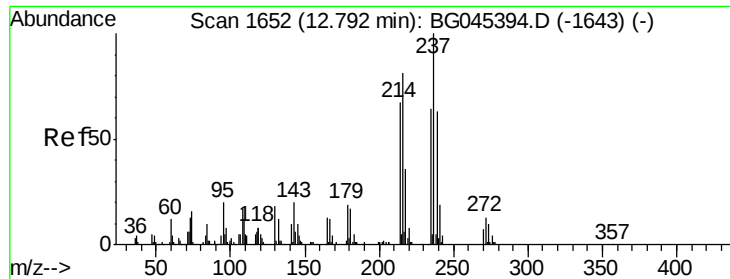
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	216	Resp:	234128
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.7	95.5
179	19.6	16.1	24.1
108	18.8	13.8	20.6





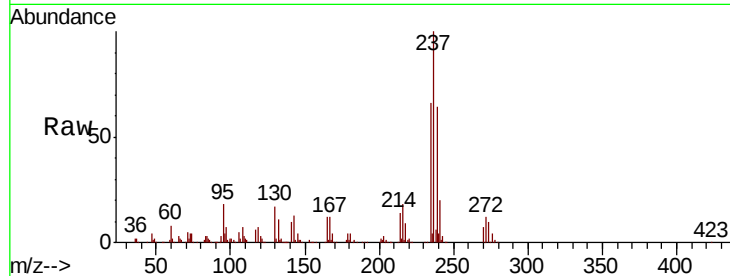
#41
Hexachlorocyclopentadiene
Concen: 101.162 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.9	44.4	84.4
272	12.5	0.0	32.5

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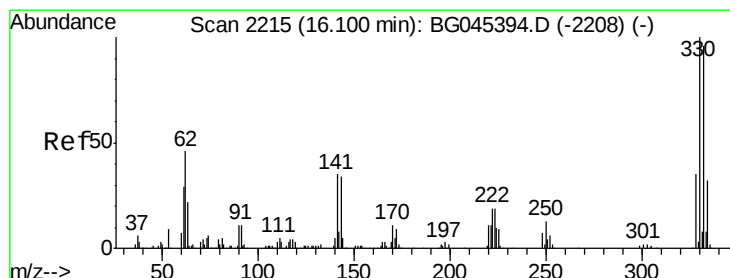
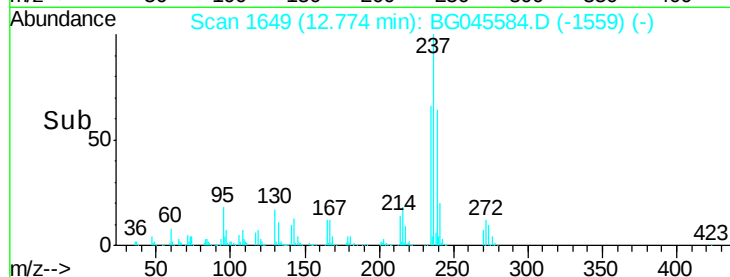
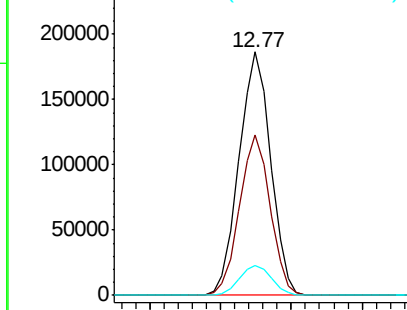


Abundance

Ion 236.80 (236.50 to 237.50): E

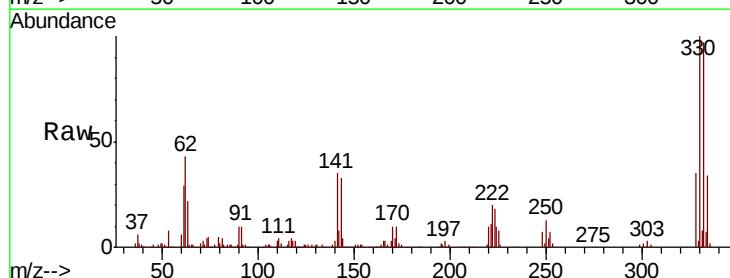
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 149.598 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	78.2	117.4
141	34.7	28.2	42.4

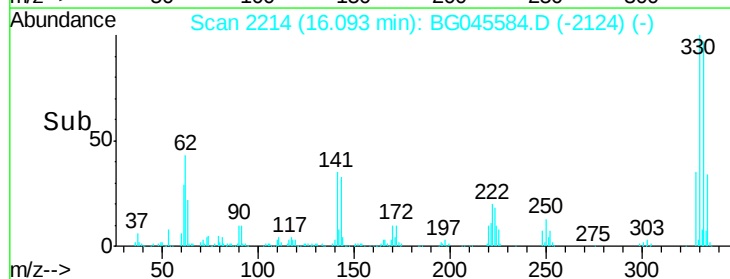
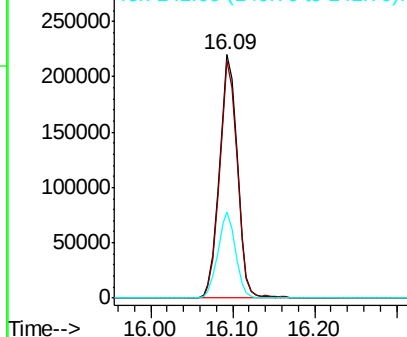


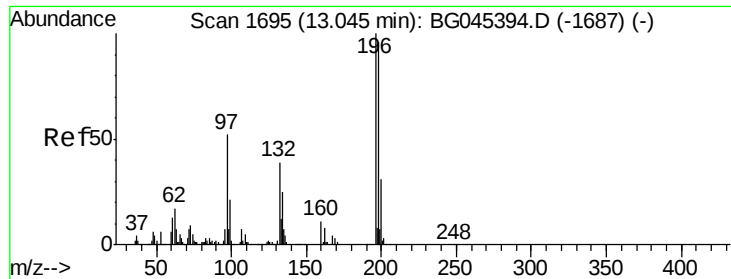
Abundance

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





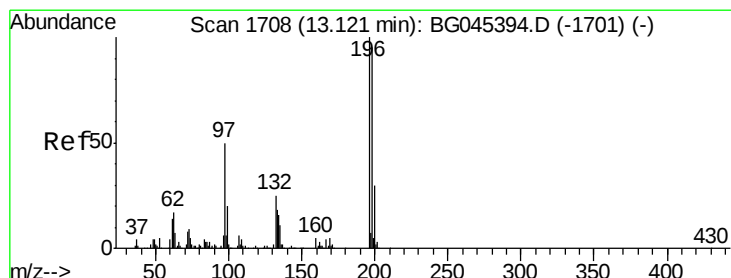
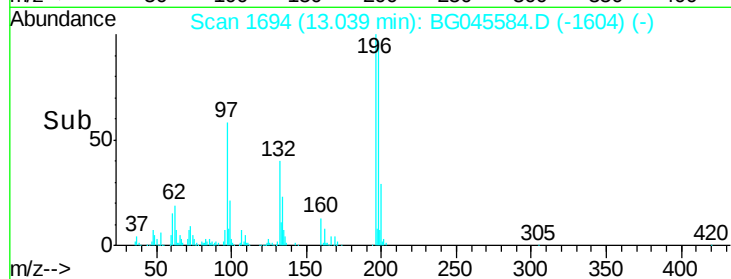
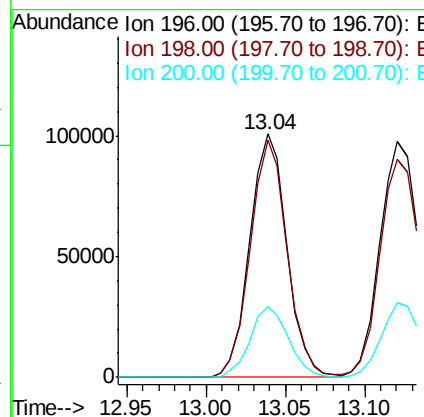
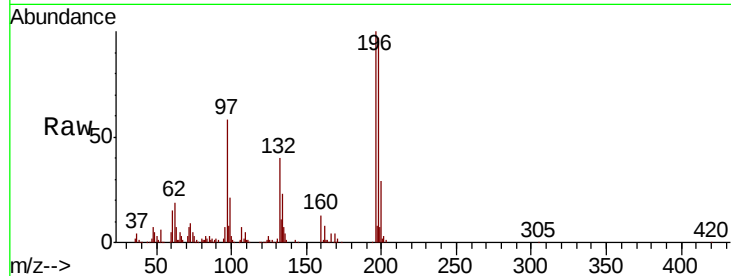
#43
 2,4,6-Trichlorophenol
 Concen: 47.585 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164059		
198	97.3	76.7	115.1	
200	29.1	24.9	37.3	

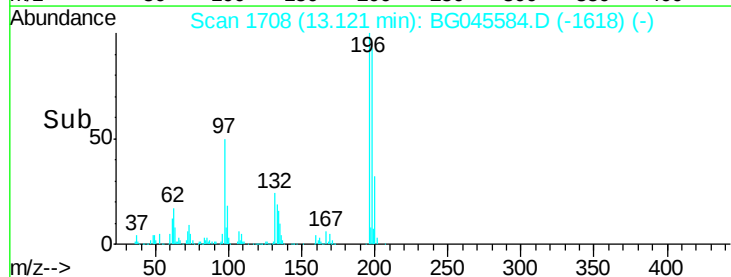
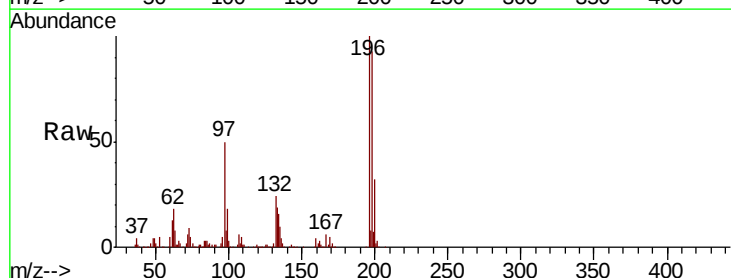
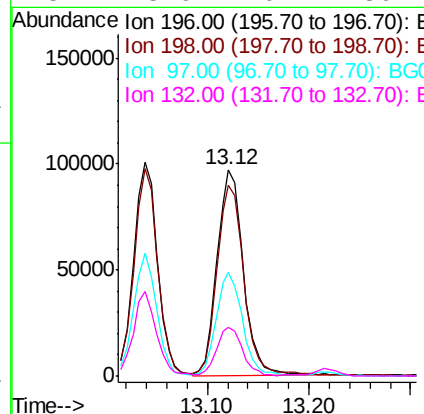
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#44
 2,4,5-Trichlorophenol
 Concen: 44.148 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173937		
198	92.6	76.1	114.1	
97	50.1	40.0	60.0	
132	23.9	20.2	30.2	





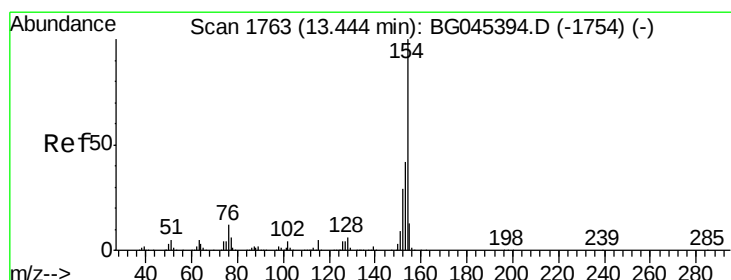
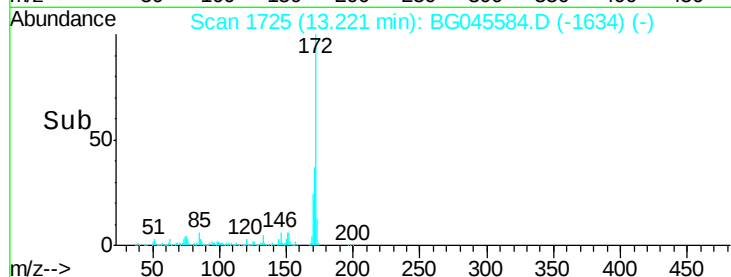
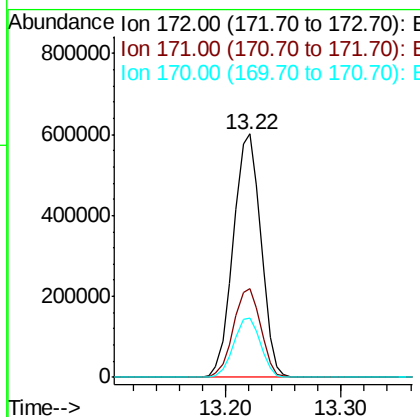
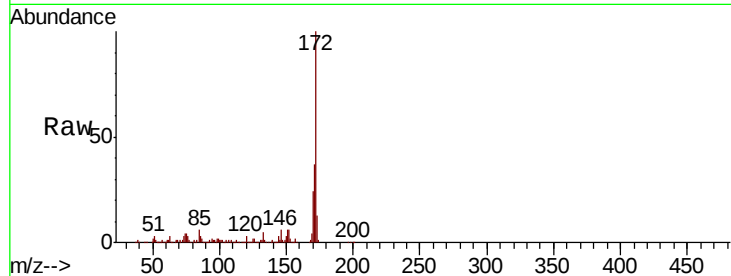
#45
2-Fluorobiphenyl
Concen: 94.979 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.2	18.5	27.7

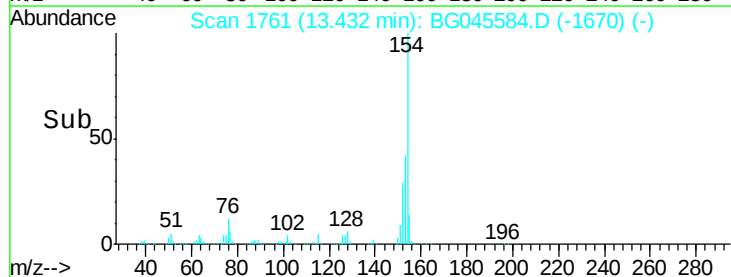
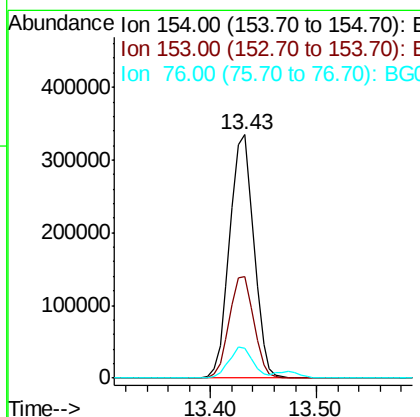
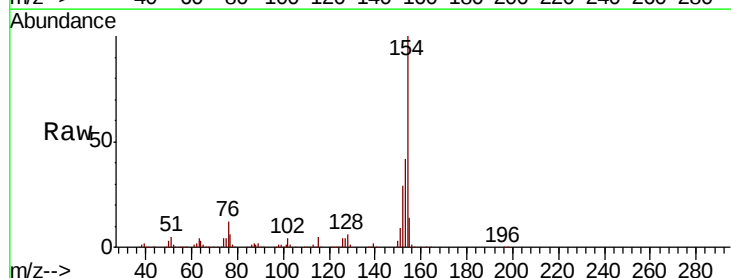
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#46
1,1'-Biphenyl
Concen: 48.552 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.2	62.2
76	12.1	0.0	32.4





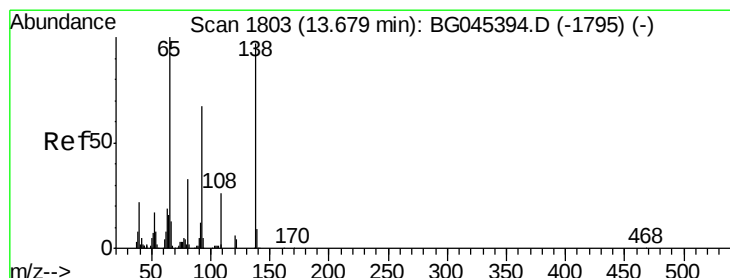
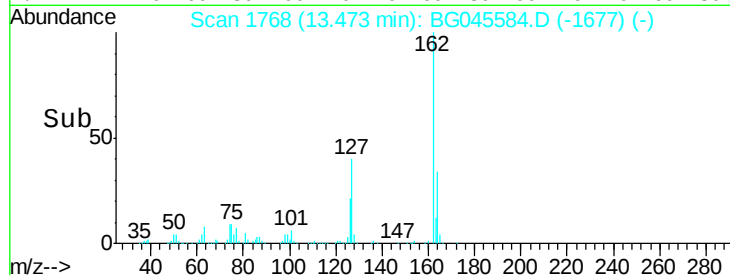
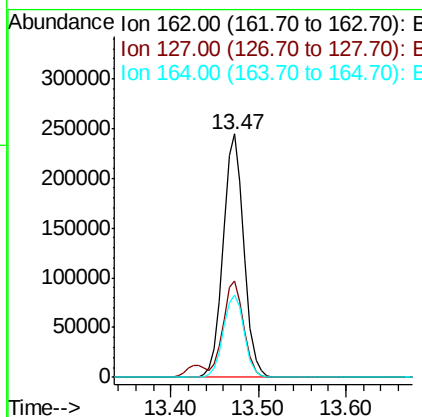
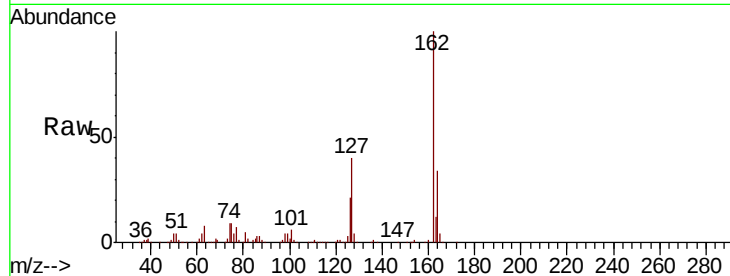
#47
2-Chloronaphthalene
Concen: 45.009 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	33.7	28.1	42.1

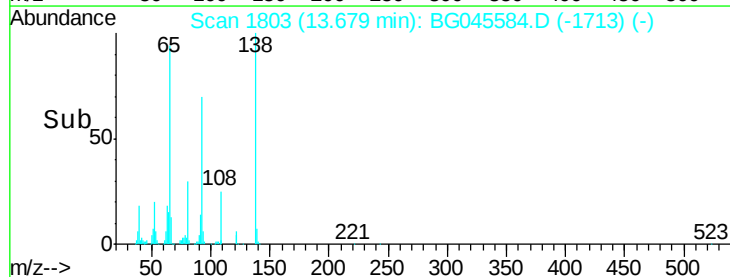
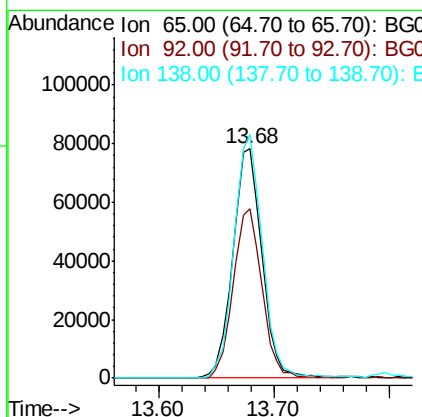
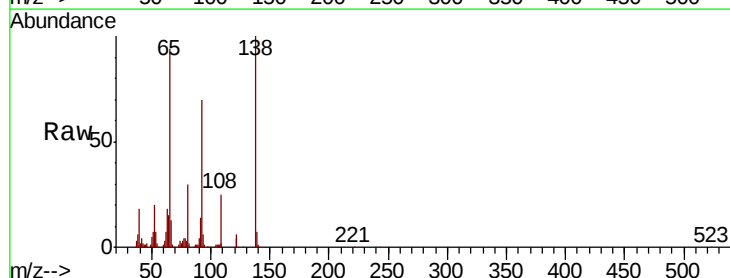
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#48
2-Nitroaniline
Concen: 46.921 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.8	80.8
138	106.1	77.9	116.9





#49

Acenaphthylene

Concen: 47.644 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

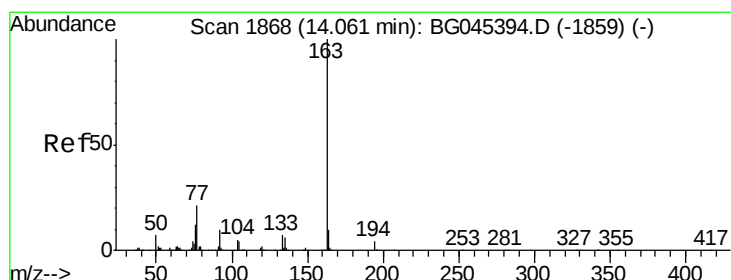
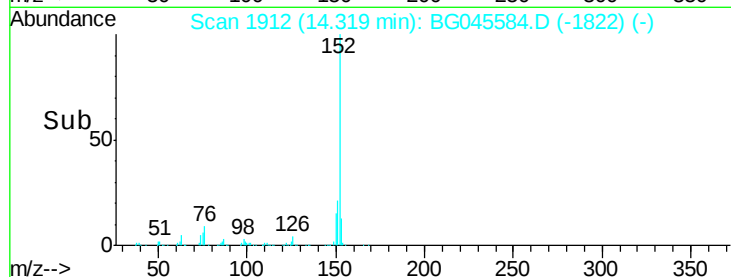
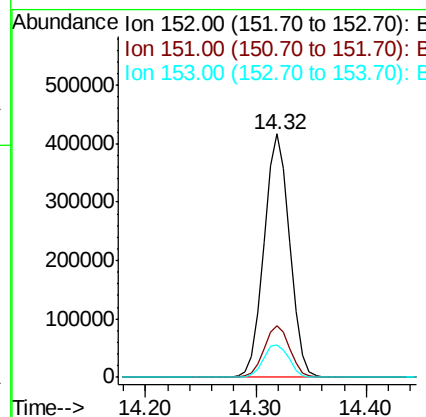
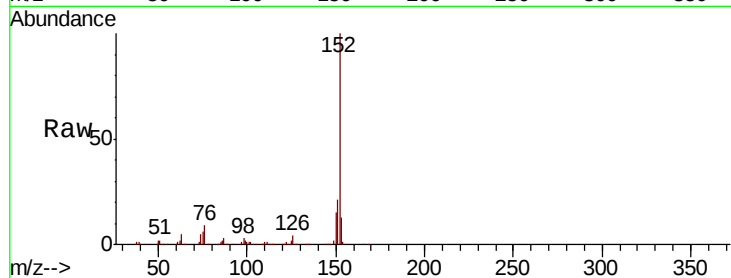
ClientSampleId :

PB129260BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.2
153	13.3	10.7	16.1

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#50

Dimethylphthalate

Concen: 46.425 ng

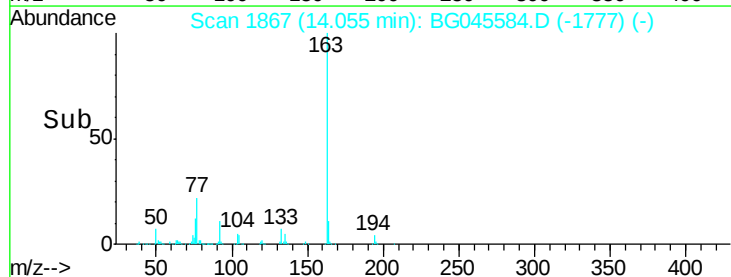
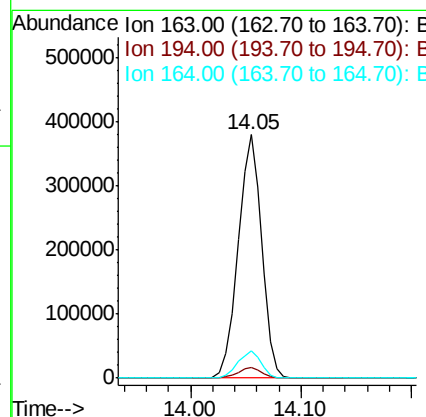
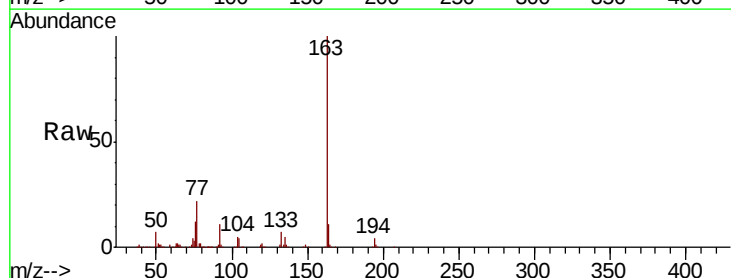
RT: 14.05 min Scan# 1867

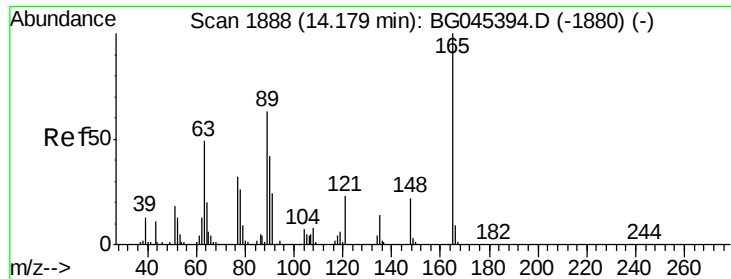
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.0	8.3	12.5





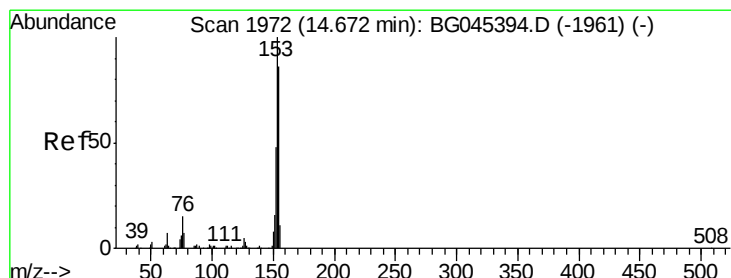
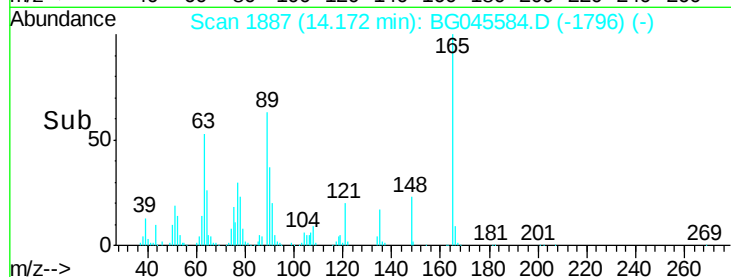
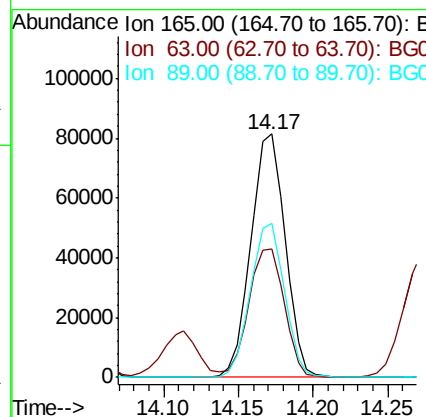
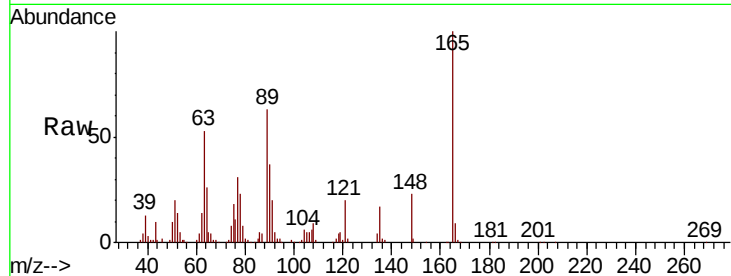
#51
2,6-Dinitrotoluene
Concen: 46.990 ng
RT: 14.17 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129246		
63	52.9	45.0	67.4	
89	63.2	50.2	75.4	

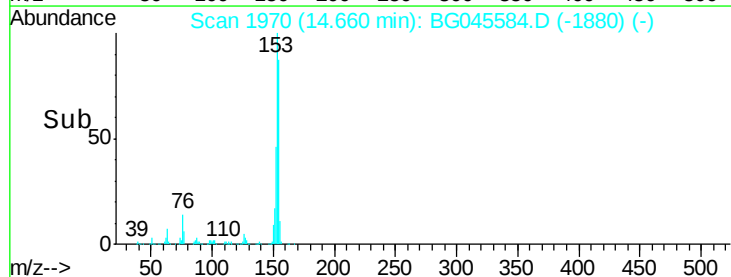
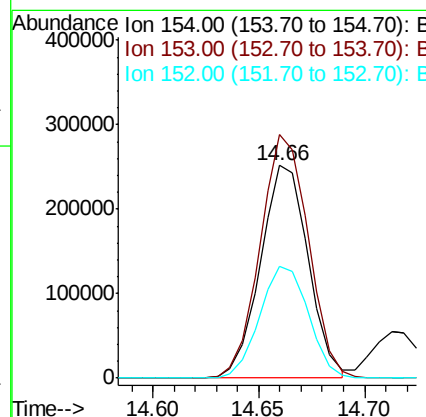
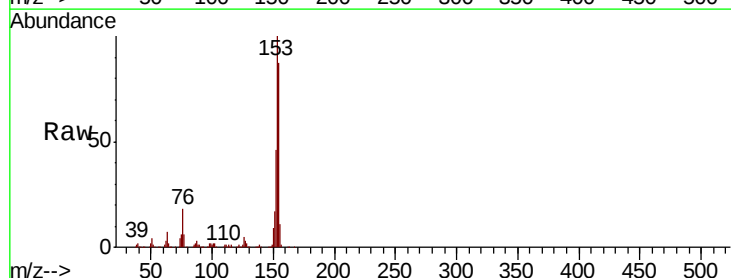
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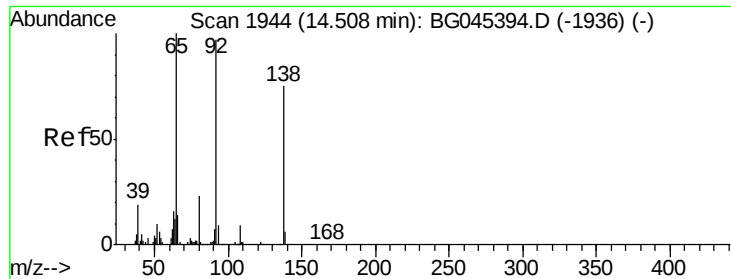
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#52
Acenaphthene
Concen: 41.570 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	396276		
153	114.4	92.8	139.2	
152	52.5	44.6	66.8	





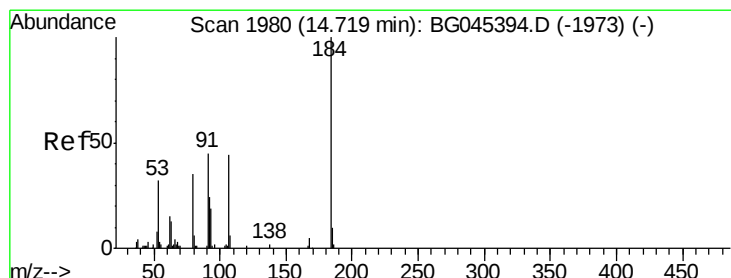
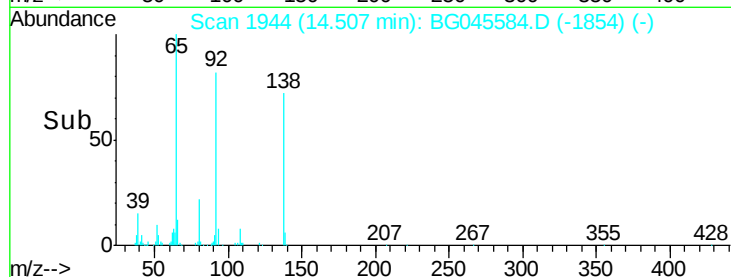
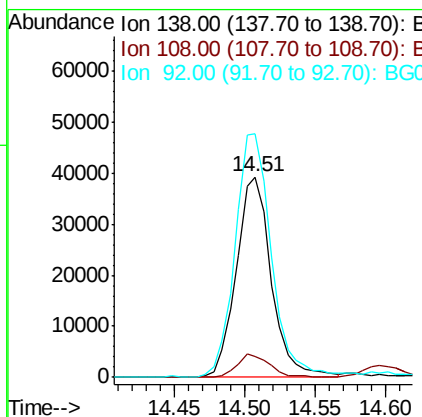
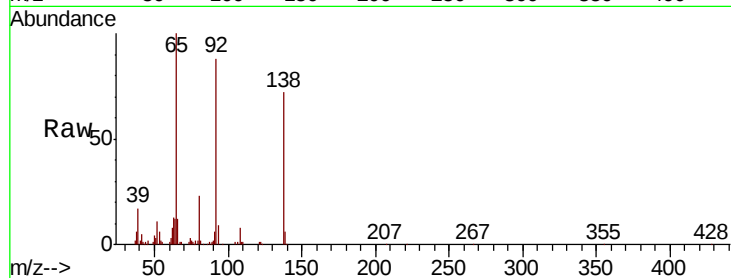
#53
3-Nitroaniline
Concen: 24.404 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.6
92	121.5	103.0	154.4

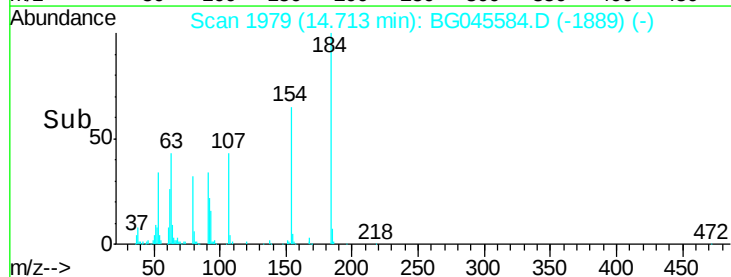
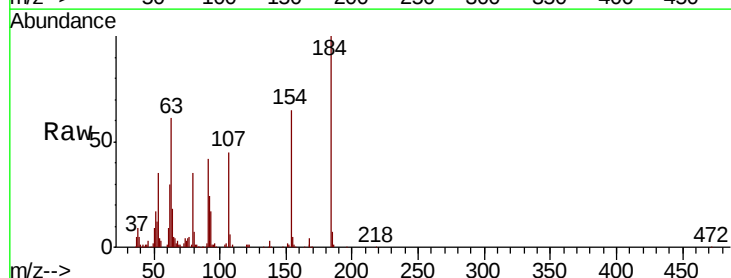
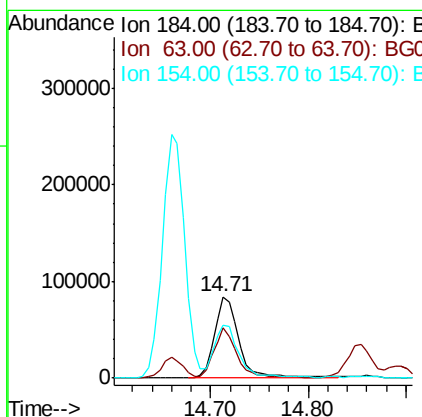
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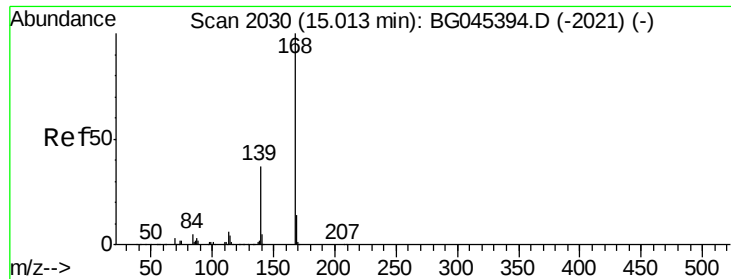
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#54
2,4-Dinitrophenol
Concen: 81.149 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	47.8	71.6
154	64.7	58.3	87.5





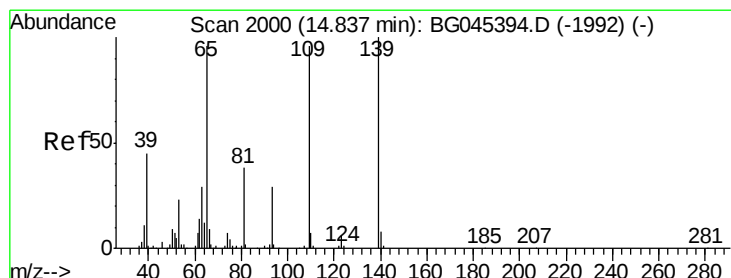
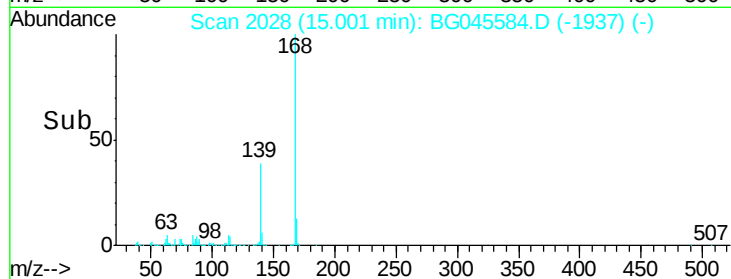
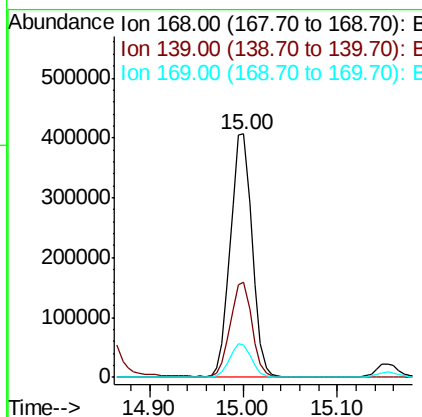
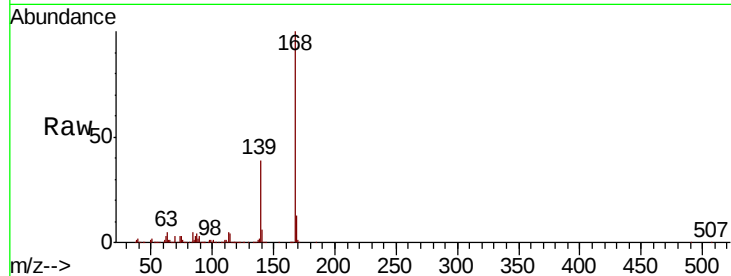
#55
Dibenzofuran
Concen: 46.481 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	29.9	44.9	
169	13.1	10.9	16.3	

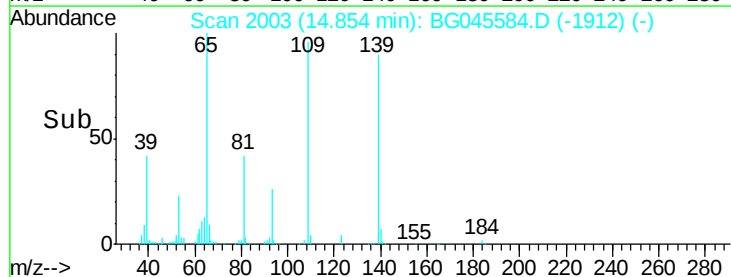
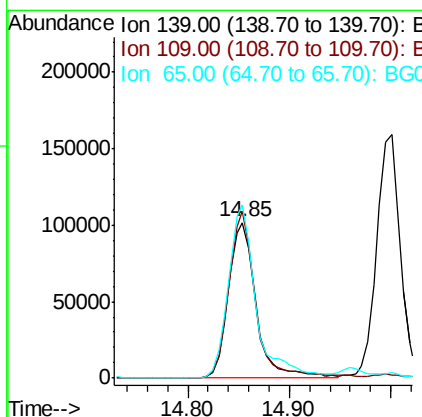
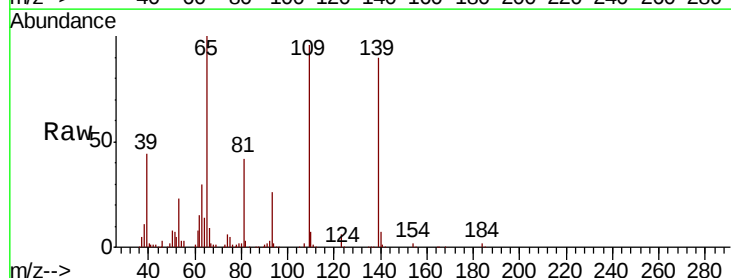
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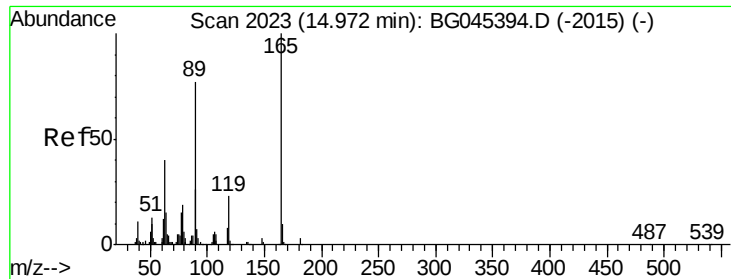
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#56
4-Nitrophenol
Concen: 91.610 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.1	75.6	115.6	
65	111.1	76.8	116.8	





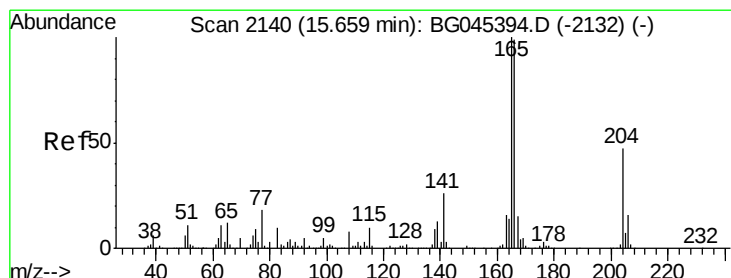
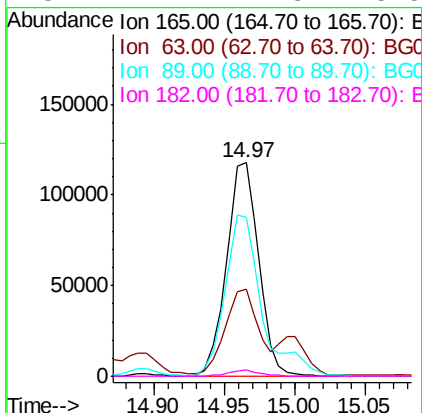
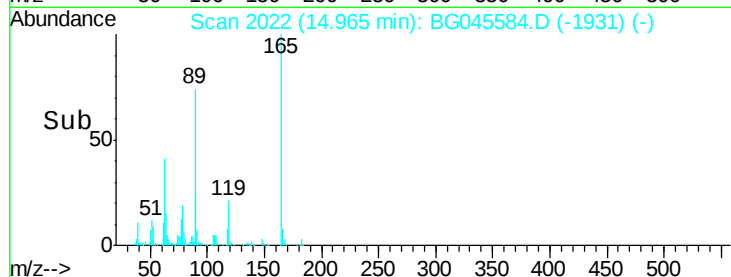
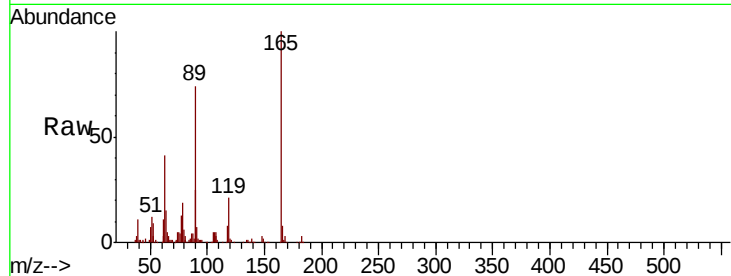
#57
2,4-Dinitrotoluene
Concen: 47.038 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		187375		
63	40.9	32.5	48.7		
89	74.2	61.8	92.6		
182	2.7	2.3	3.5		

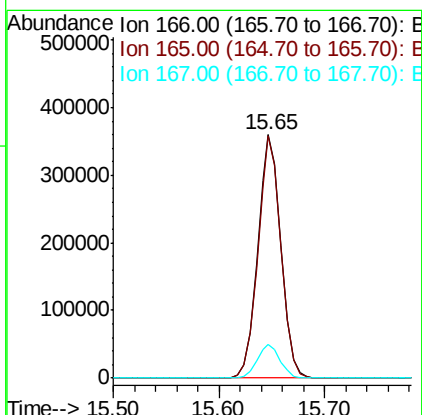
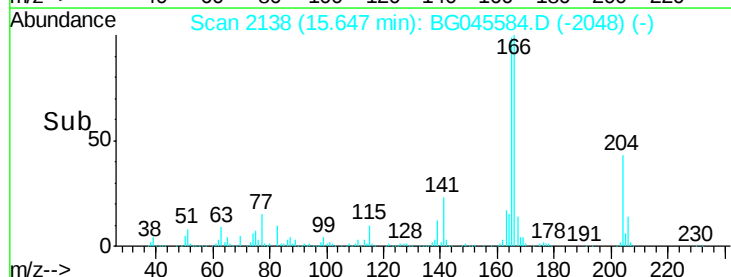
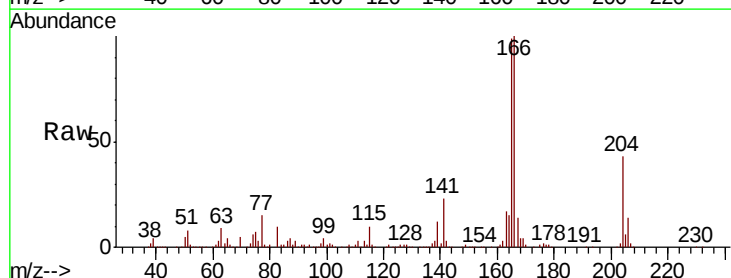
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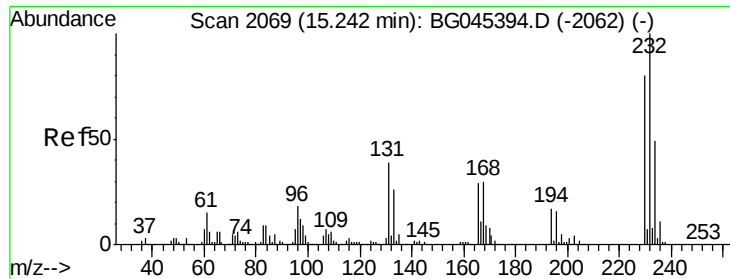
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#58
Fluorene
Concen: 47.023 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		546873		
165	99.3	80.8	121.2		
167	14.1	12.0	18.0		





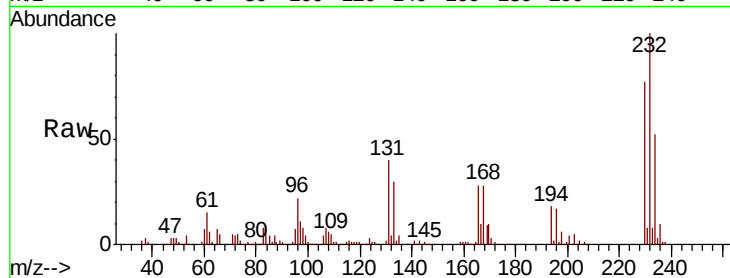
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.298 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

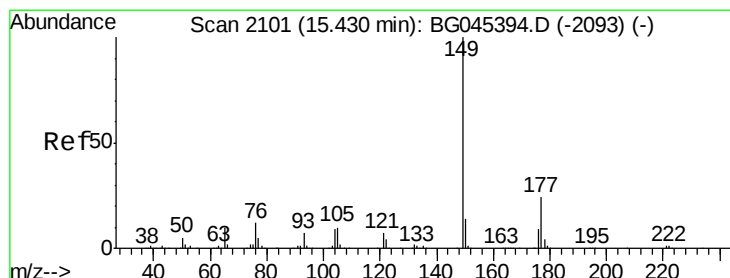
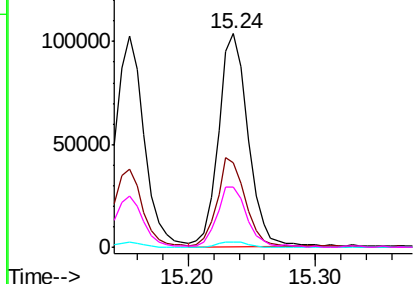
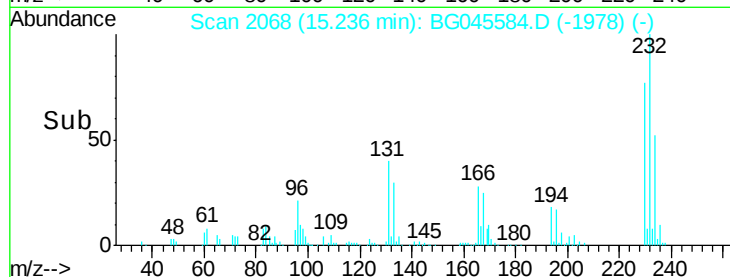
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		167410		
131	41.9	33.7	50.5		
130	2.5	2.1	3.1		
166	29.2	23.2	34.8		

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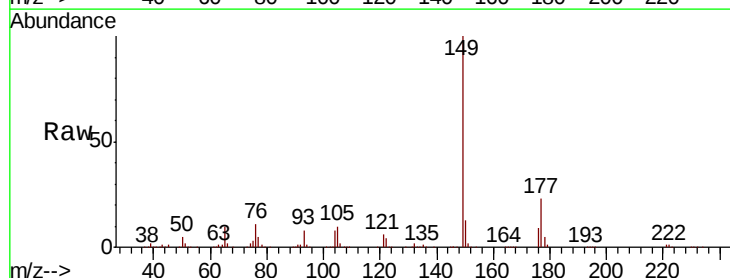


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

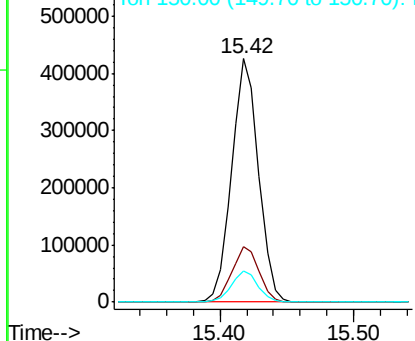
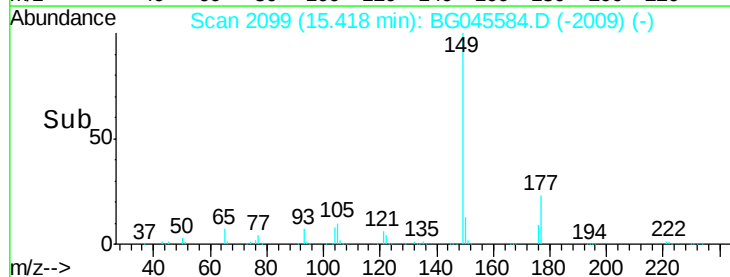


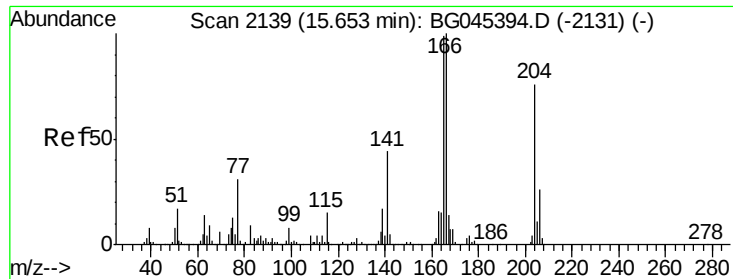
#60
Diethylphthalate
Concen: 46.931 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		595423		
177	22.8	19.0	28.4		
150	13.0	11.4	17.0		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





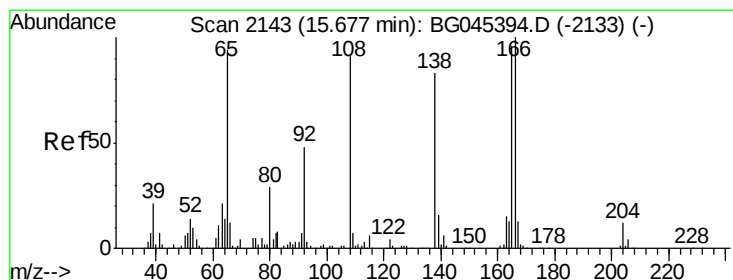
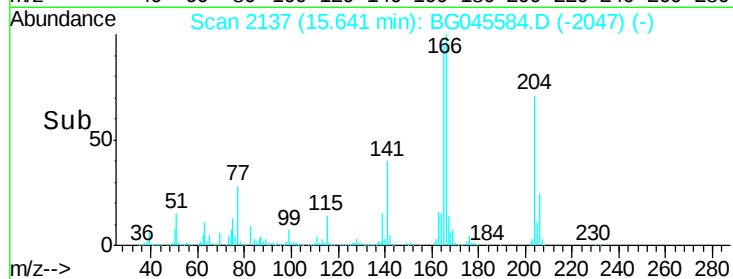
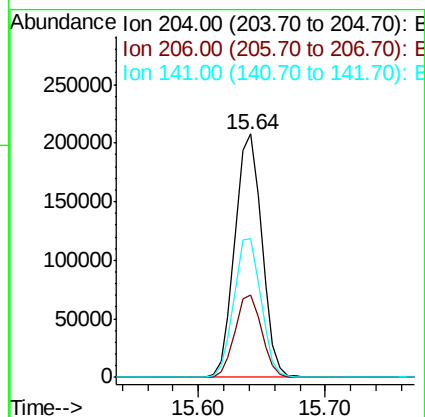
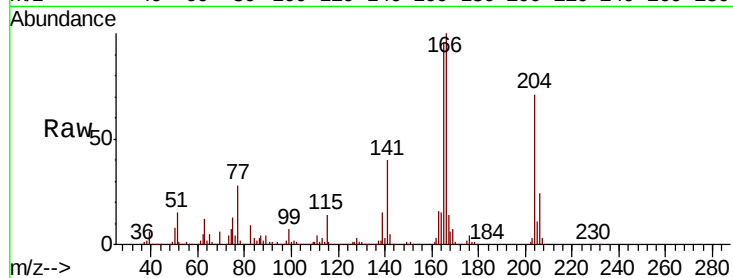
#61
4-Chlorophenyl-phenylether
Concen: 45.859 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleID :
PB129260BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	305197		
206	33.6	27.3	40.9	
141	57.0	45.9	68.9	

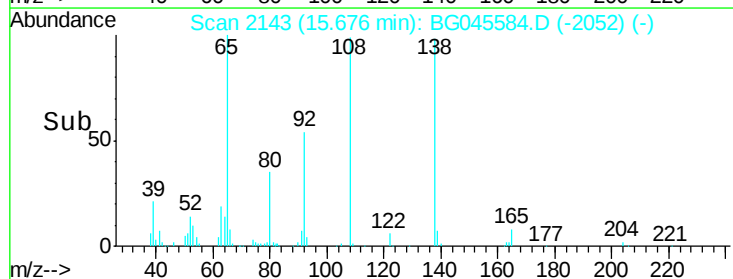
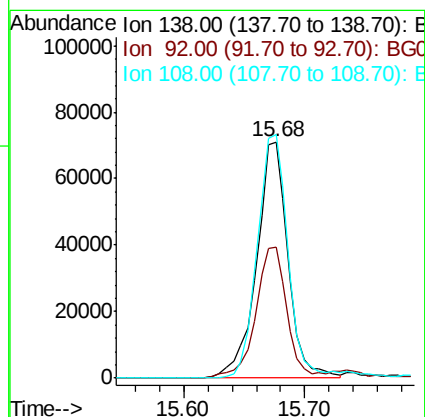
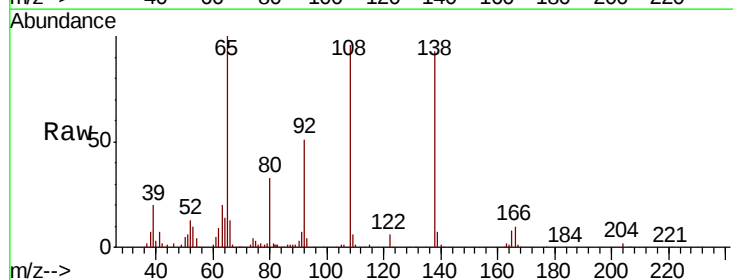
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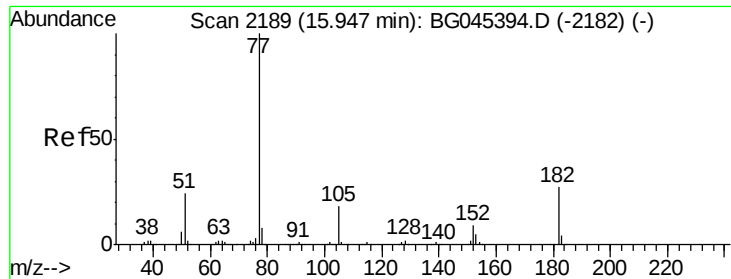
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#62
4-Nitroaniline
Concen: 44.205 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129033		
92	55.3	38.0	78.0	
108	103.1	89.3	129.3	





#63

Azobenzene

Concen: 47.110 ng

RT: 15.93 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

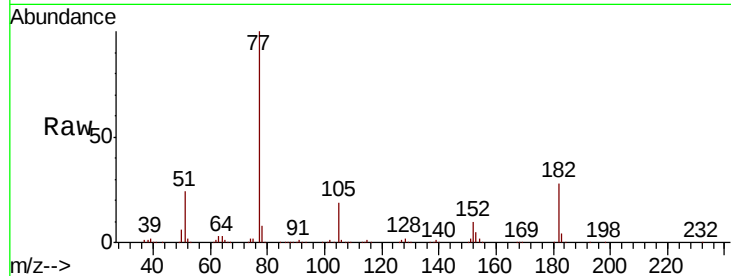
ClientSampleId :

PB129260BSD

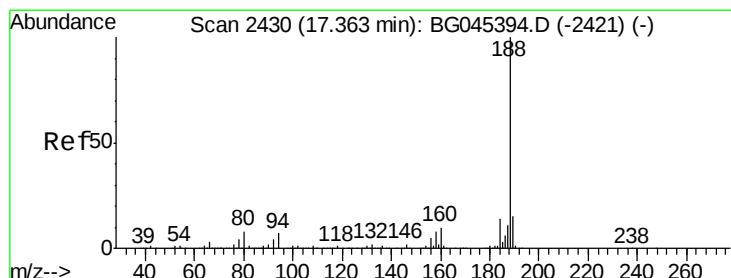
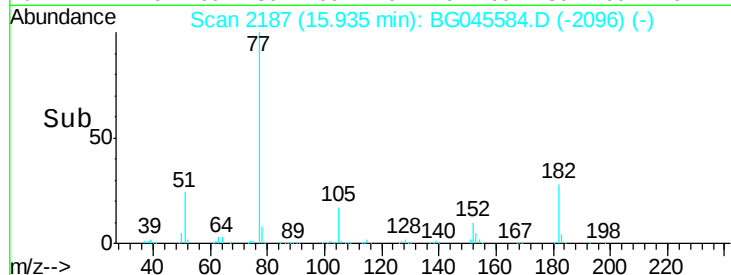
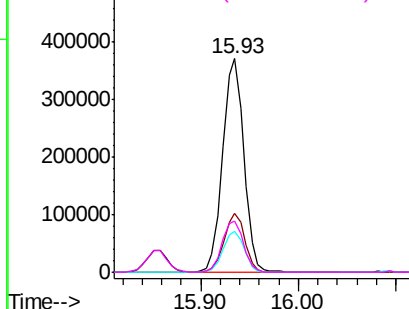
Tot Ion:	77	Resp:	557307
Ion Ratio	Lower	Upper	
77	100		
182	27.5	6.5	46.5
105	19.0	0.0	37.9
51	24.0	4.1	44.1

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

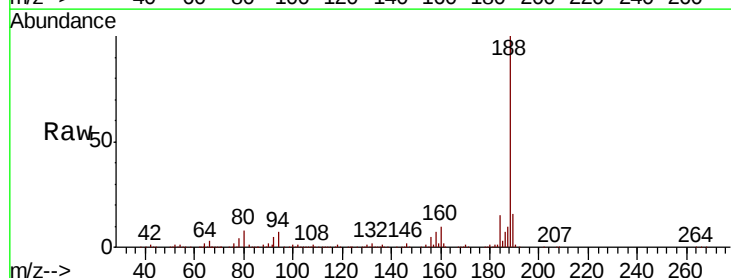
RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

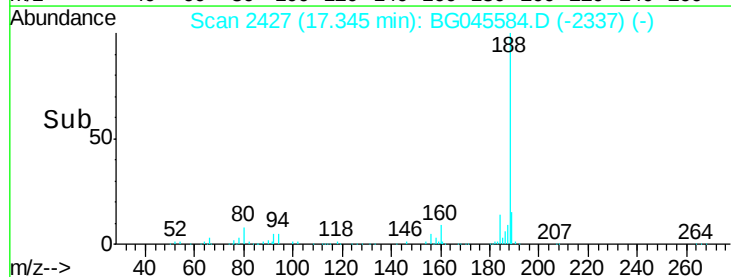
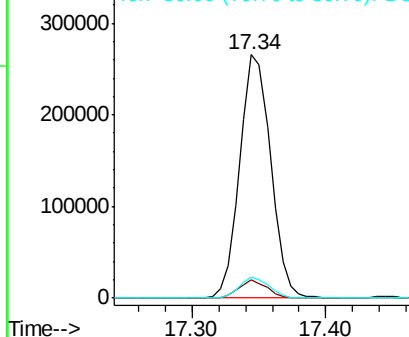
Lab File: BG045584.D

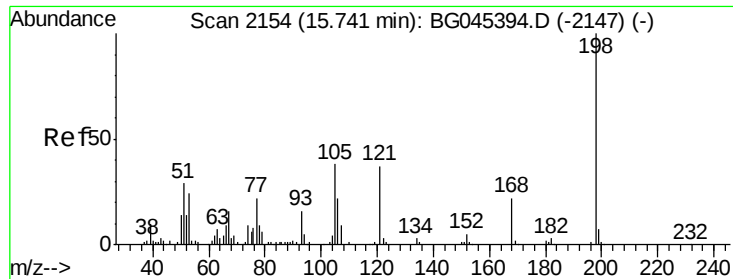
Acq: 3 Jun 2020 16:59

Tgt Ion:	188	Resp:	426779
Ion Ratio	Lower	Upper	
188	100		
94	7.3	5.5	8.3
80	8.5	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.739 ng

RT: 15.73 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

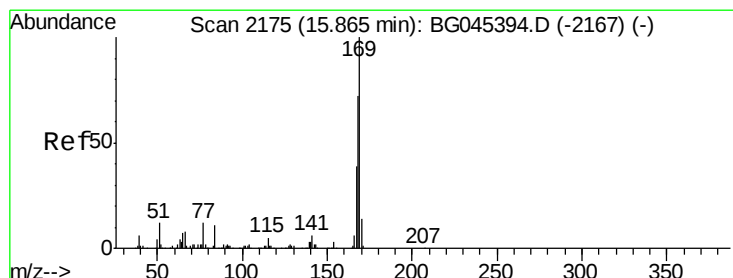
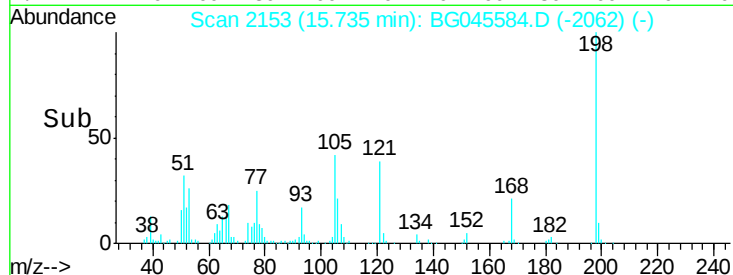
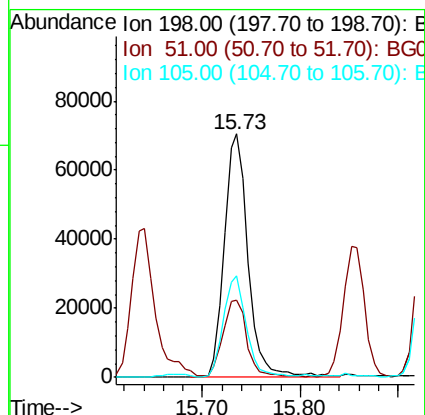
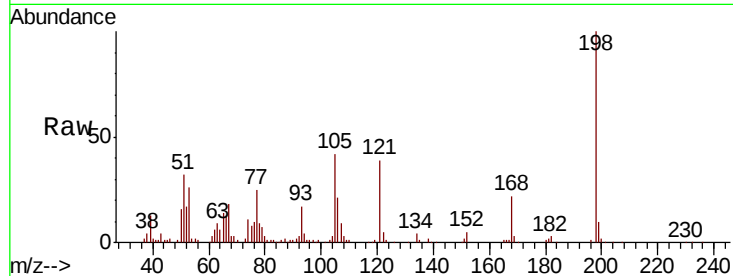
ClientSampleId :

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Tot Ion:	198	Resp:	118657
Ion Ratio	Lower	Upper	
198	100		
51	31.8	10.0	50.0
105	41.7	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 48.420 ng

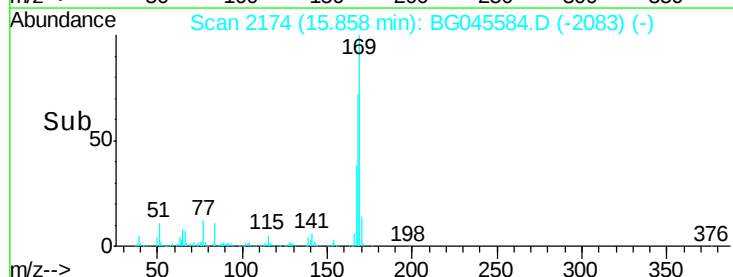
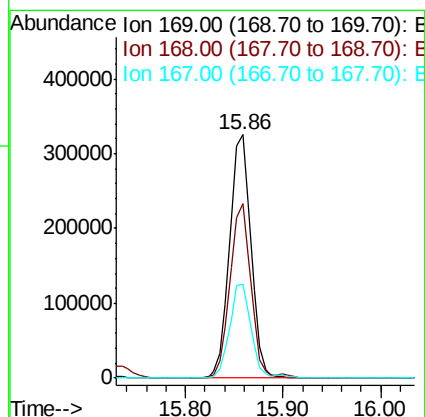
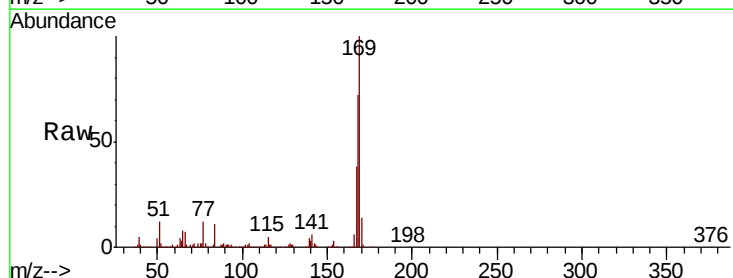
RT: 15.86 min Scan# 2174

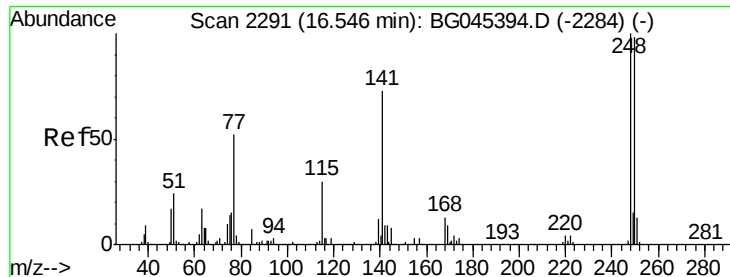
Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	169	Resp:	496153
Ion Ratio	Lower	Upper	
169	100		
168	71.8	57.8	86.6
167	38.3	31.5	47.3





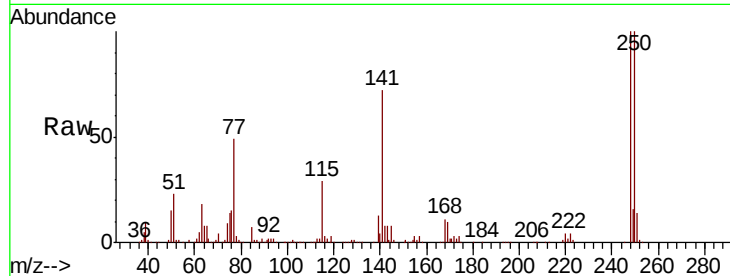
#67
4-Bromophenyl-phenylether
Concen: 45.818 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

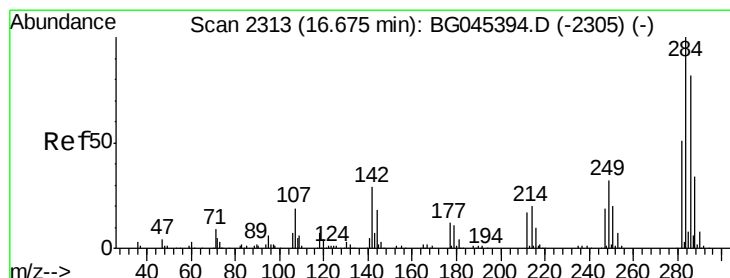
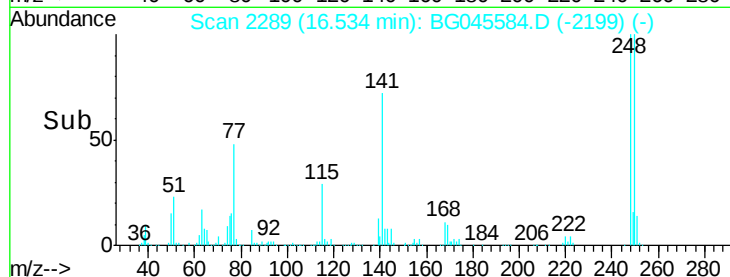
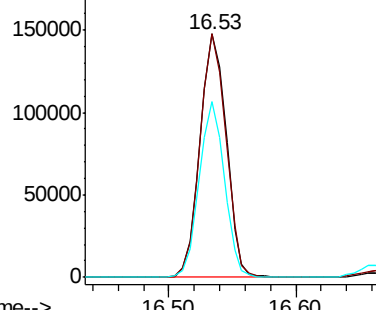
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.6	117.8
141	72.1	58.2	87.2

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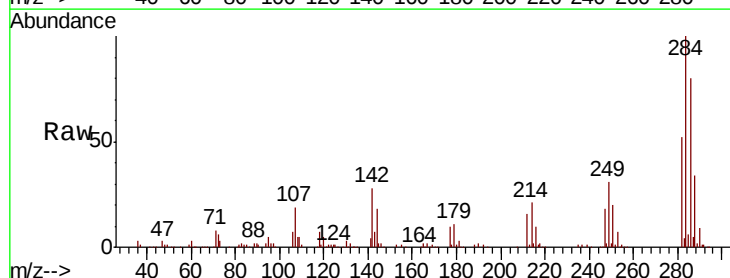


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

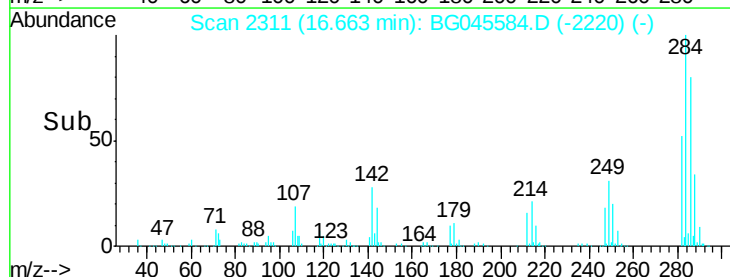
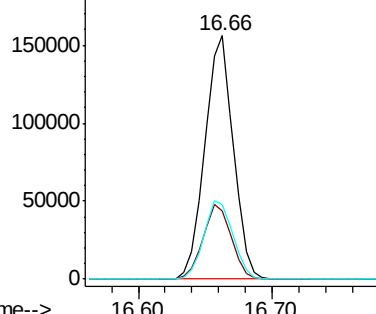


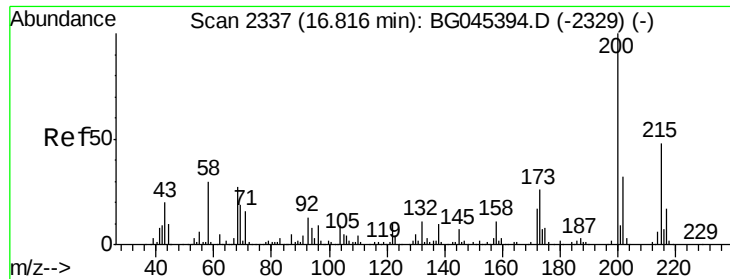
#68
Hexachlorobenzene
Concen: 47.734 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	23.0	34.6
249	30.9	25.8	38.6



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





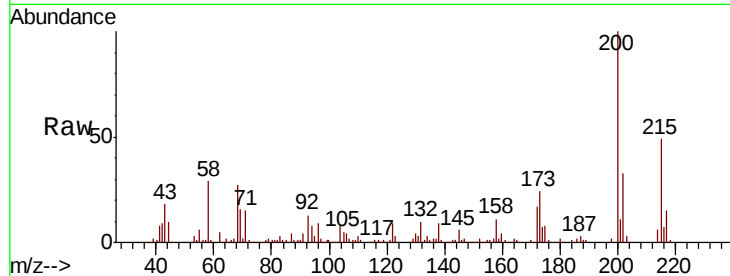
#69
Atrazine
Concen: 47.076 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

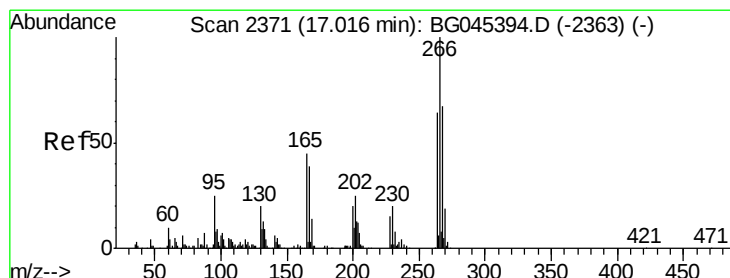
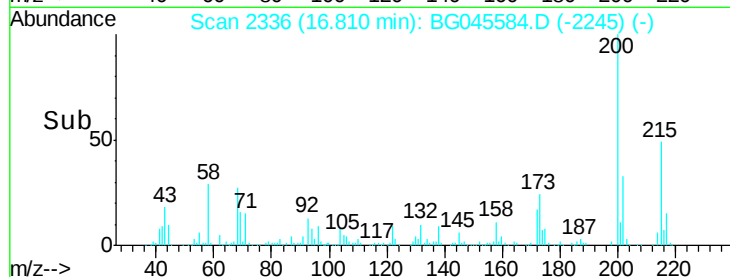
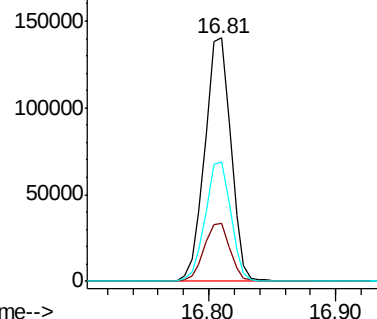
Tot Ion	Ratio	Resp	Lower	Upper
200	100	198689		
173	23.7	5.5	45.5	
215	49.0	28.2	68.2	

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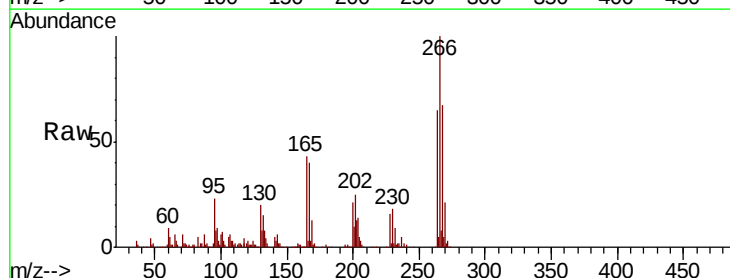


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

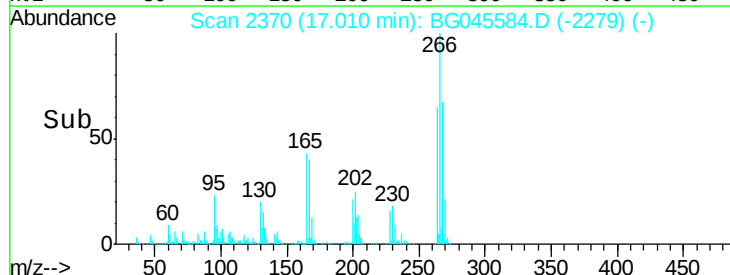
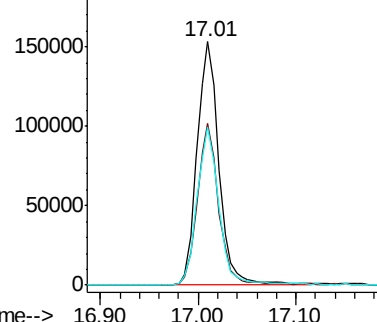


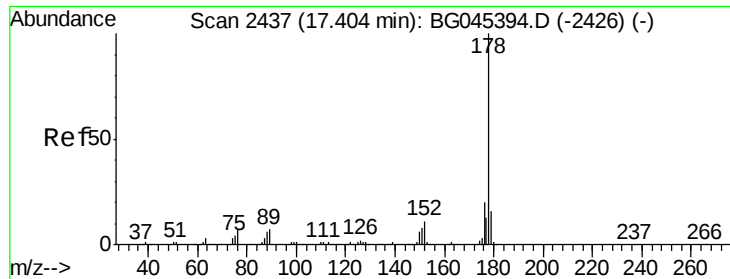
#70
Pentachlorophenol
Concen: 94.940 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	238277		
268	66.6	53.2	79.8	
264	65.0	51.0	76.4	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





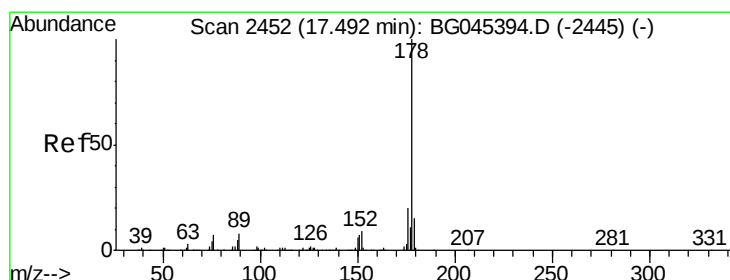
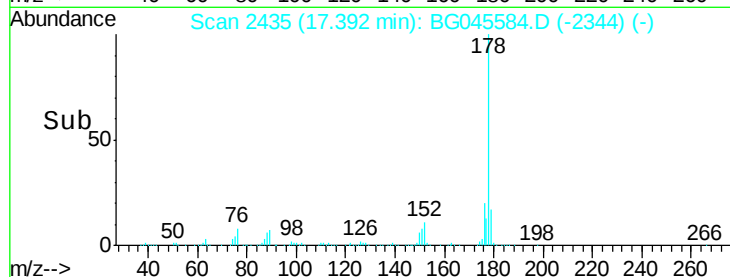
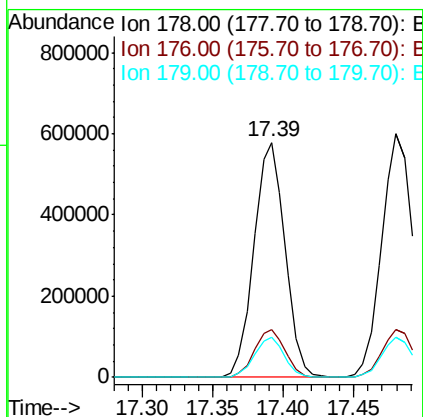
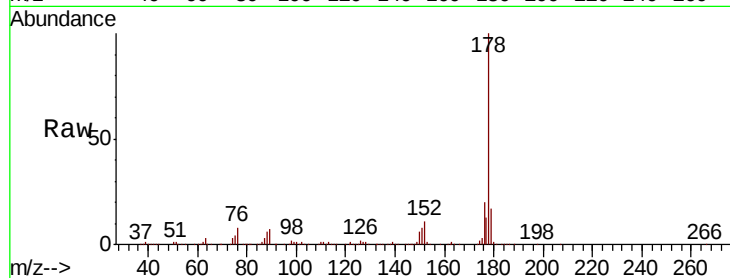
#71
Phenanthrene
Concen: 48.227 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	17.0	13.1	19.7

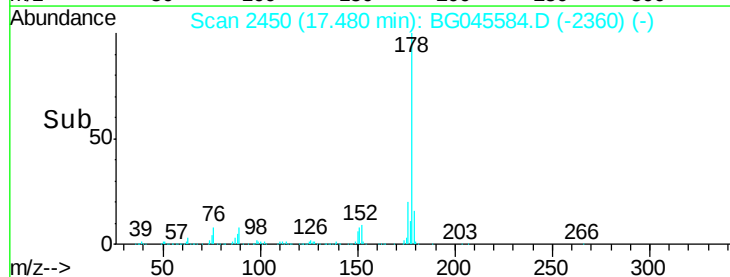
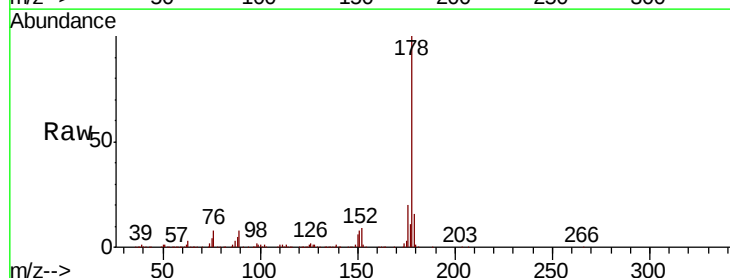
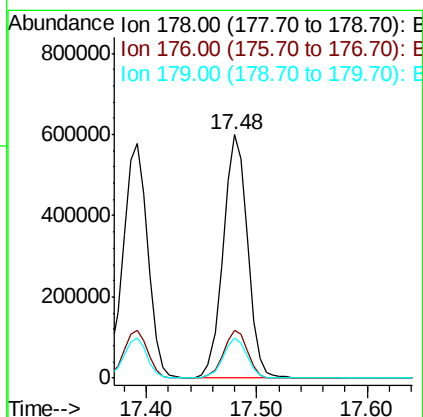
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#72
Anthracene
Concen: 49.399 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.3	12.2	18.4





#73

Carbazole

Concen: 47.106 ng

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

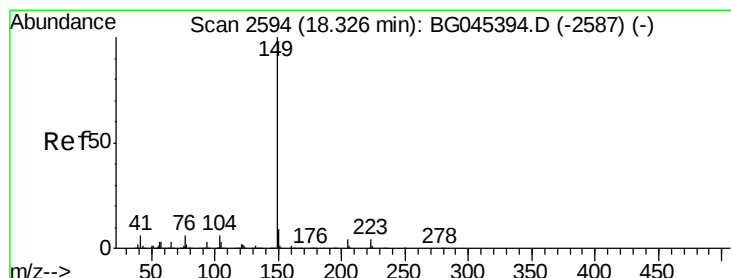
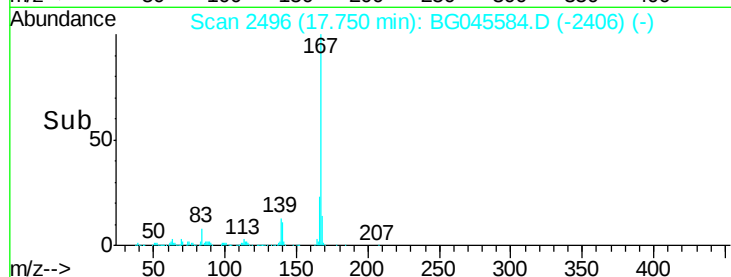
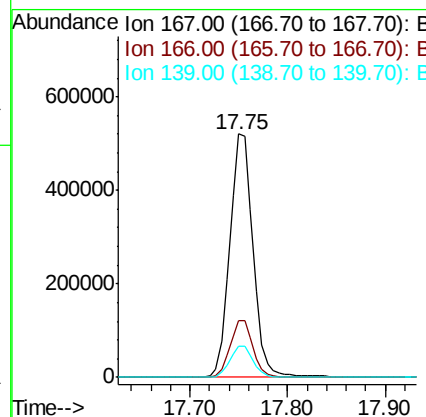
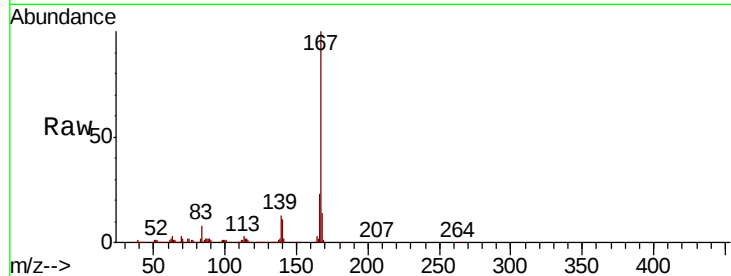
ClientSampleId :

PB129260BSD

Tot Ion:	167	Resp:	859111
Ion Ratio	Lower	Upper	
167	100		
166	23.2	19.2	28.8
139	13.0	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 47.424 ng

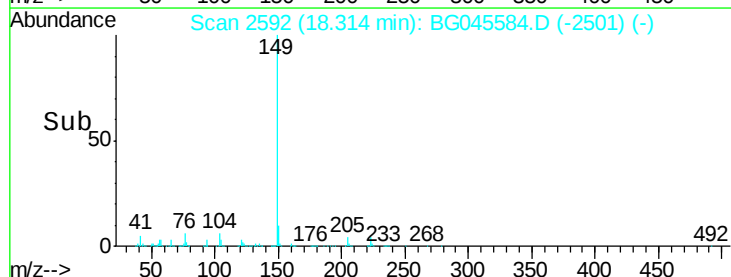
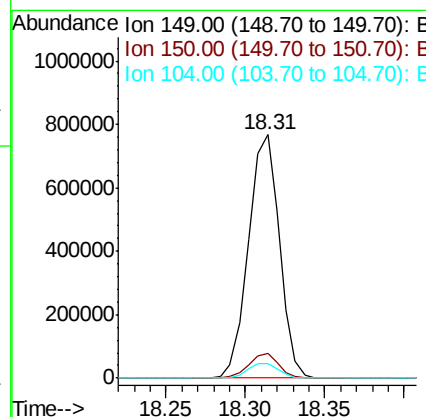
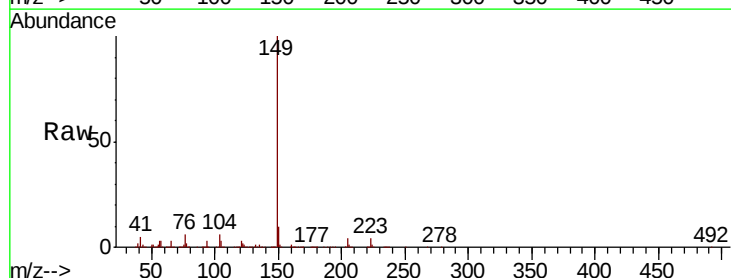
RT: 18.31 min Scan# 2592

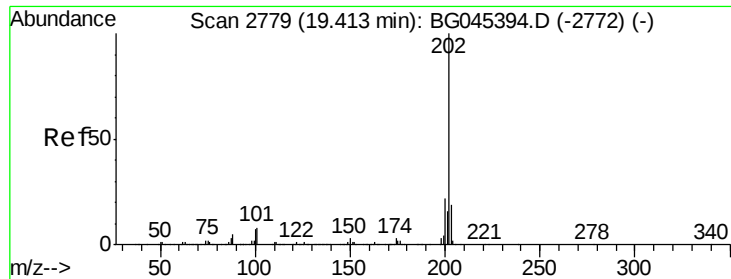
Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	149	Resp:	1038123
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 48.353 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

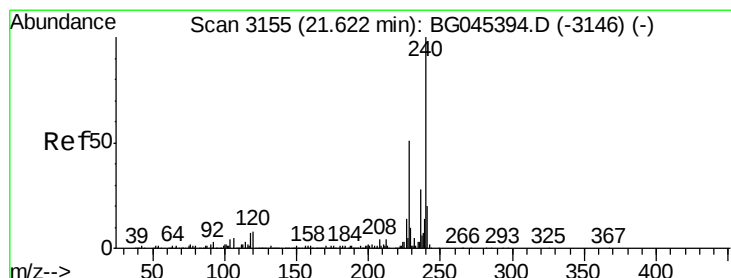
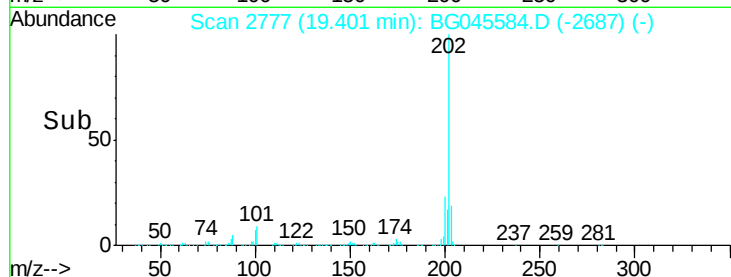
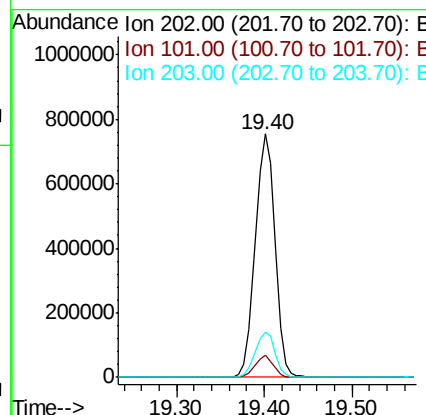
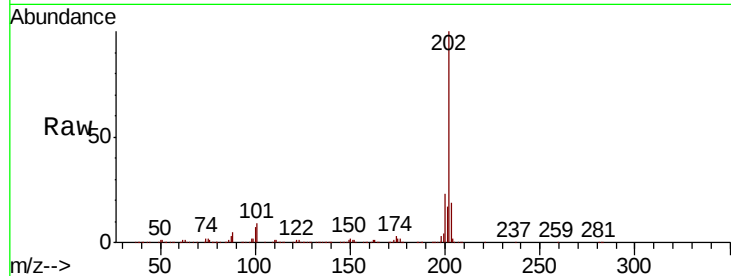
ClientSampleId :

PB129260BSD

Tot Ion:	202	Resp:	1145871
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	28.3
203	18.7	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

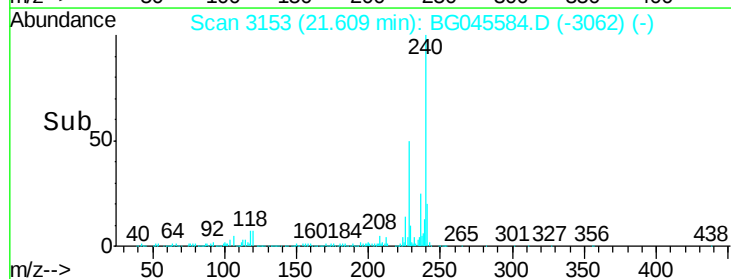
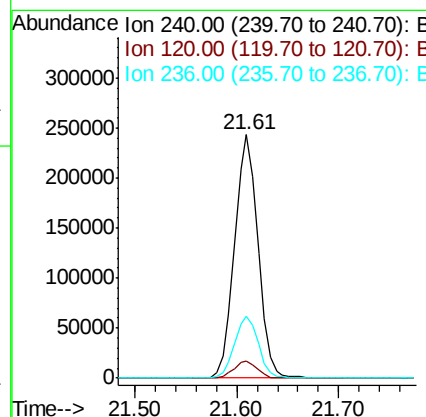
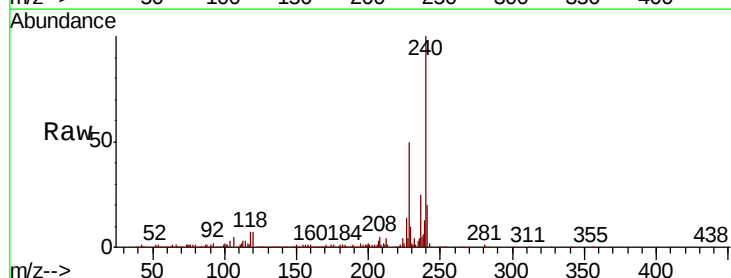
RT: 21.61 min Scan# 3153

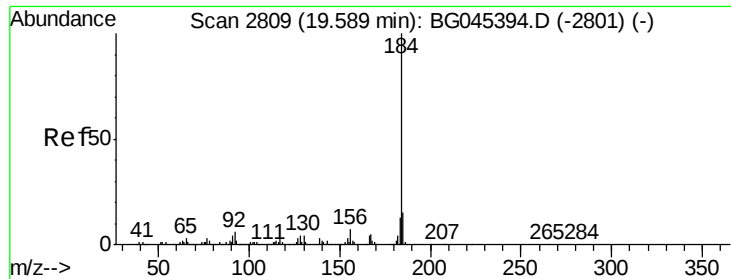
Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion:	240	Resp:	390188
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.1	9.1
236	25.2	22.3	33.5





#77

Benzidine

Concen: 37.183 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

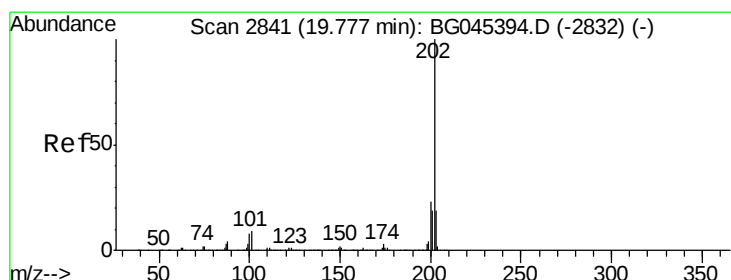
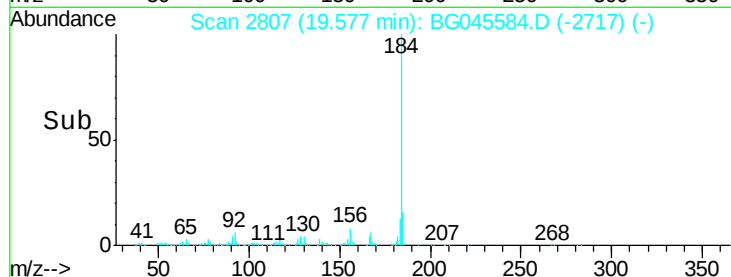
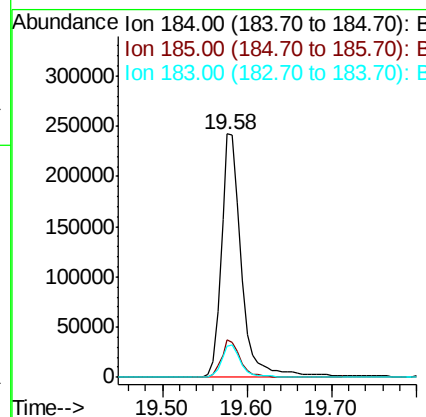
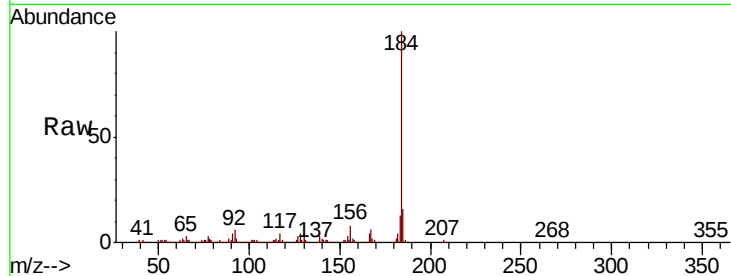
ClientSampleId :

PB129260BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.7	17.5
183	12.5	10.2	15.4

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#78

Pyrene

Concen: 50.572 ng

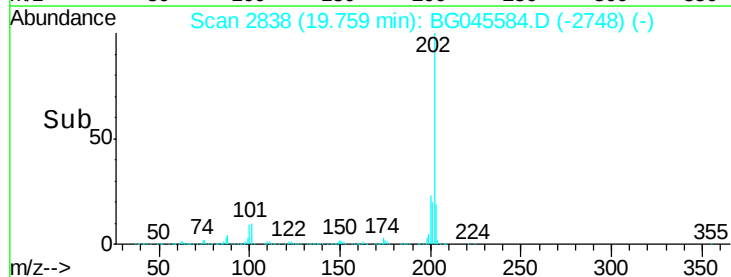
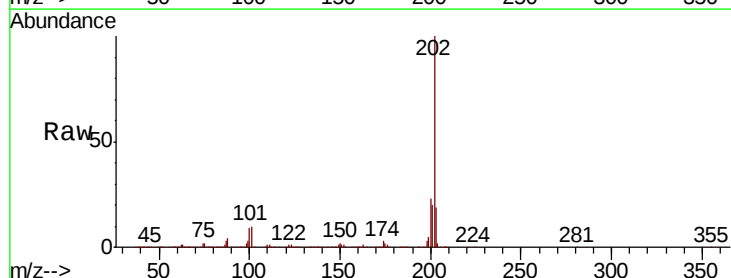
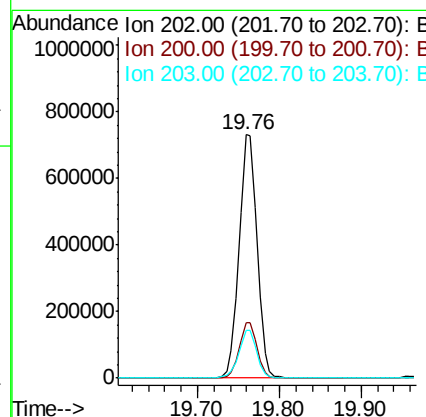
RT: 19.76 min Scan# 2838

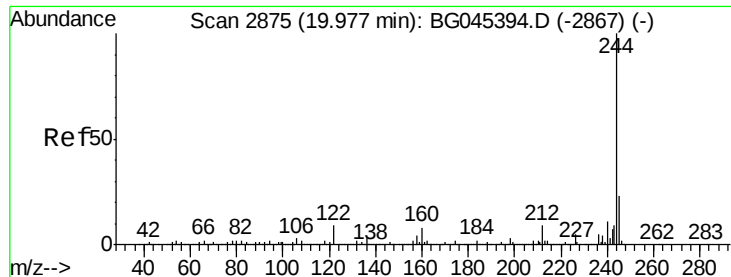
Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	19.4	15.1	22.7





#79

Terphenyl-d14

Concen: 104.128 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB129260BSD

Tot Ion:244 Resp: 1742033

Ion Ratio Lower Upper

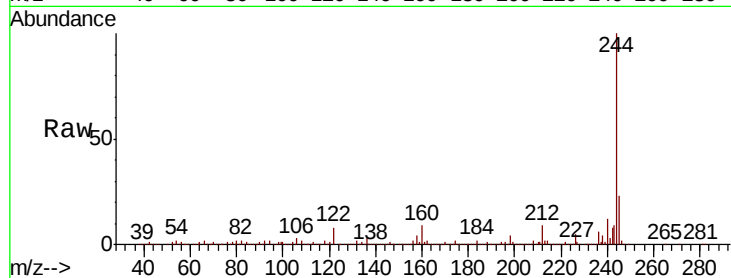
244 100

212 9.1 7.4 11.0

122 8.3 6.8 10.2

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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

19.96

1500000

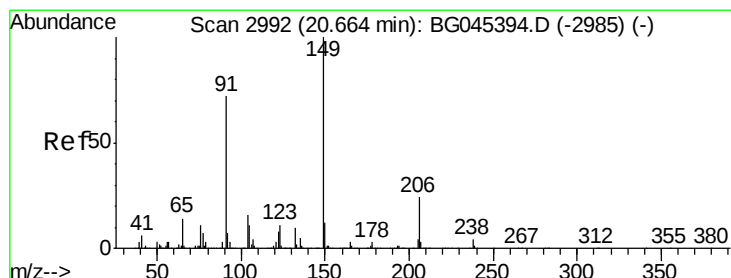
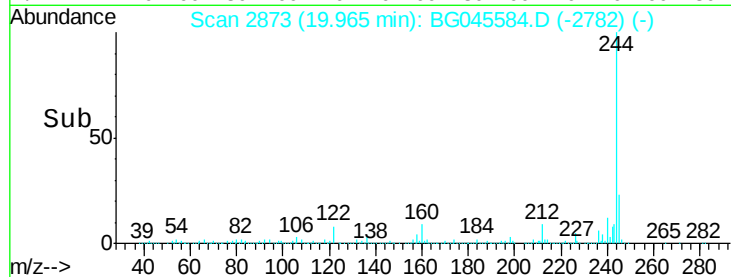
1000000

500000

0

19.90 20.00

Time-->



#80

Butylbenzylphthalate

Concen: 47.311 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

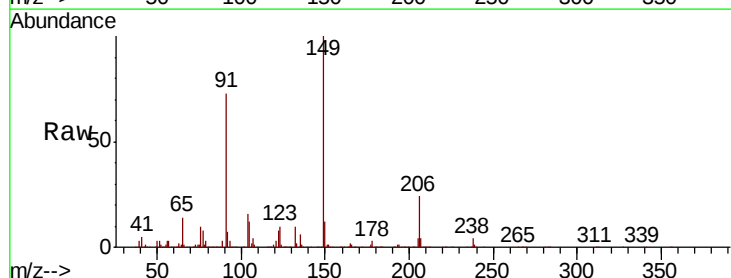
Tgt Ion:149 Resp: 454209

Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.6

206 23.6 19.1 28.7



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

20.65

500000

400000

300000

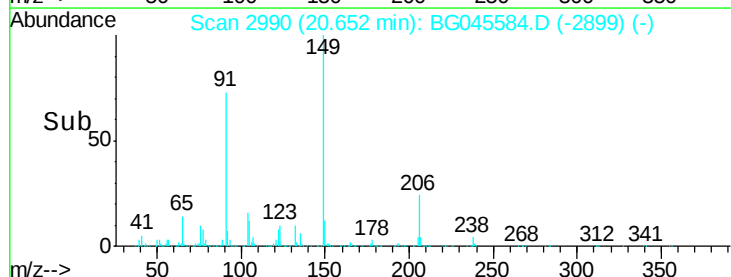
200000

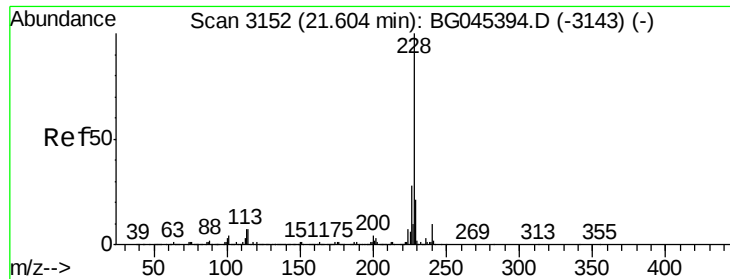
100000

0

20.60 20.65 20.70

Time-->





#81

Benzo(a)anthracene

Concen: 48.538 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB129260BSD

Tot Ion:228 Resp: 1055029

Ion Ratio Lower Upper

228 100

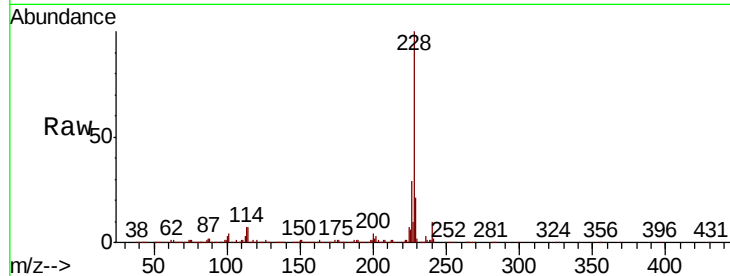
226 29.1 22.7 34.1

229 21.1 16.7 25.1

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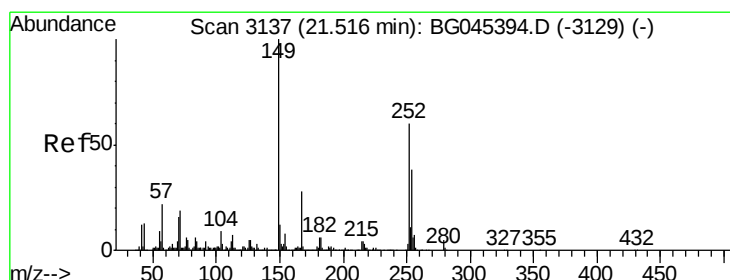
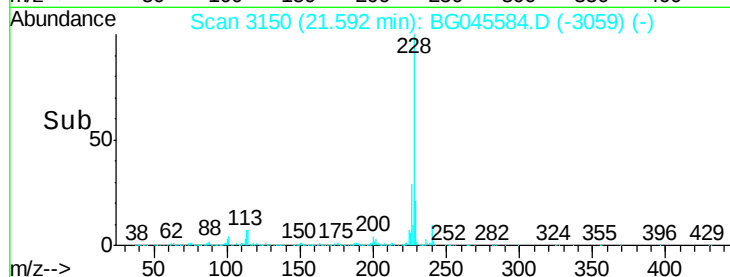
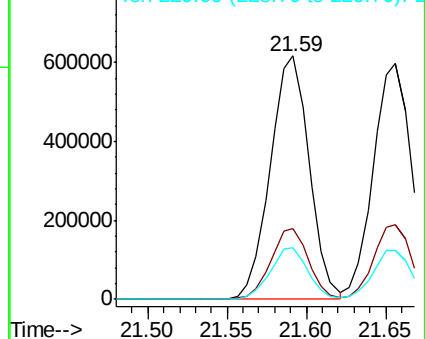


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.167 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

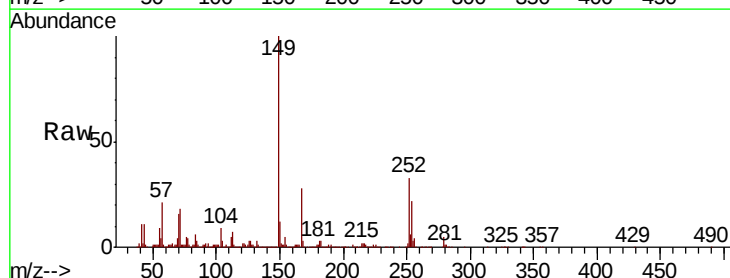
Tgt Ion:252 Resp: 257211

Ion Ratio Lower Upper

252 100

254 66.9 51.3 76.9

126 8.6 6.6 10.0

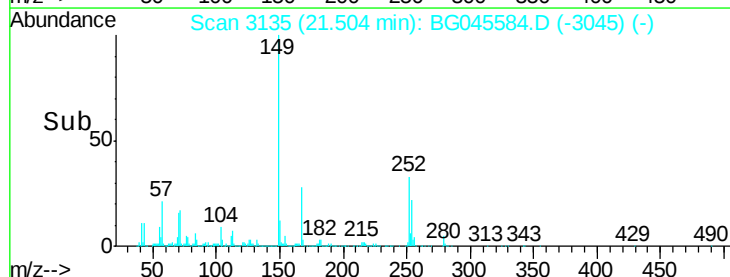
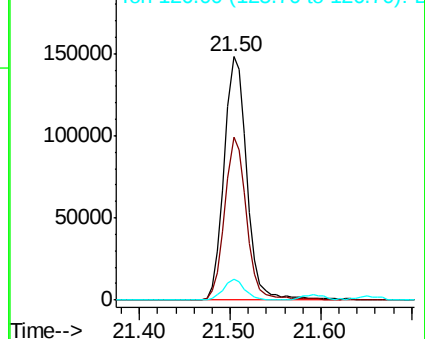


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





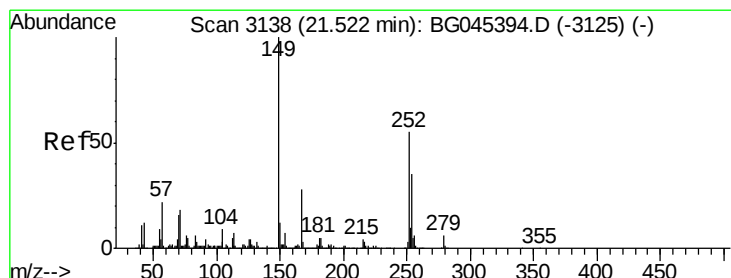
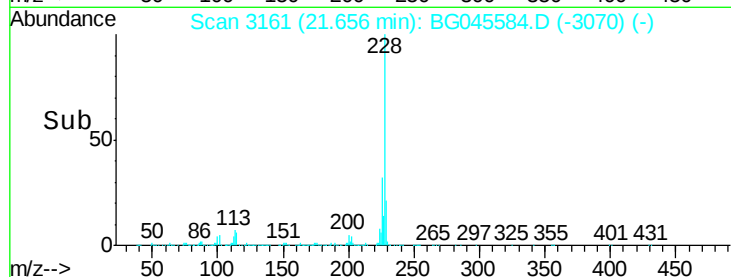
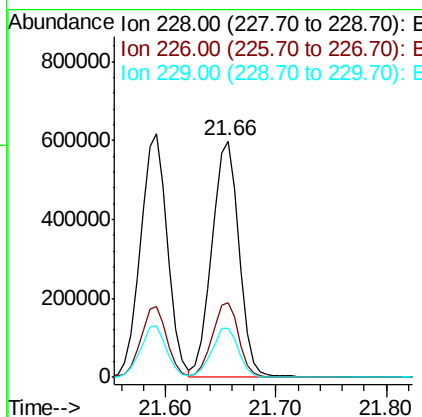
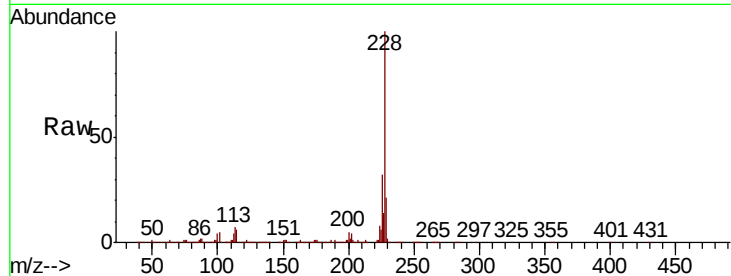
#83
 Chrvsene
 Concen: 48.319 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 PB129260BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.7	16.7	25.1

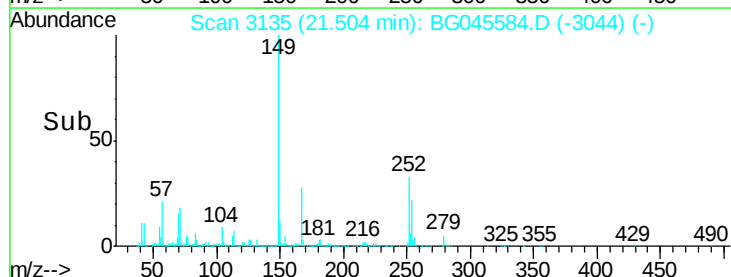
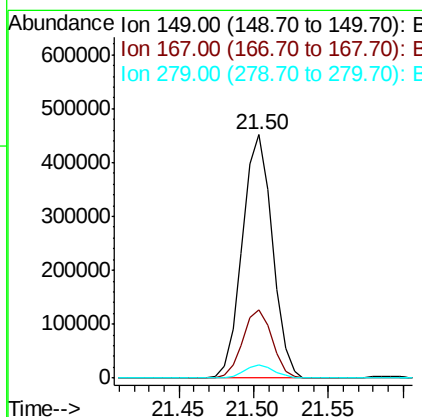
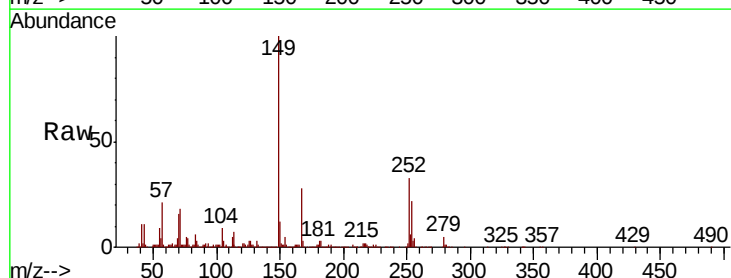
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.691 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045584.D
 Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.4	4.7	7.1





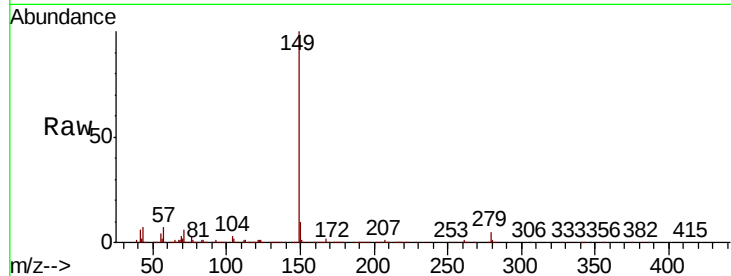
#85
Di-n-octyl phthalate
Concen: 47.164 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

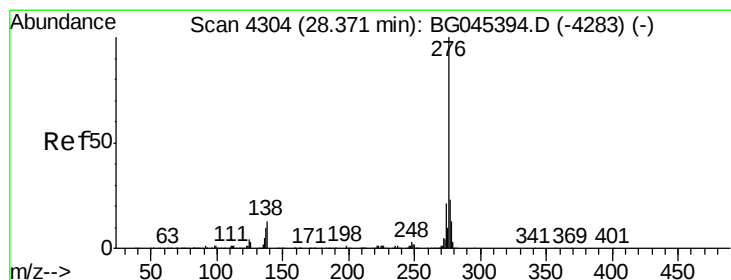
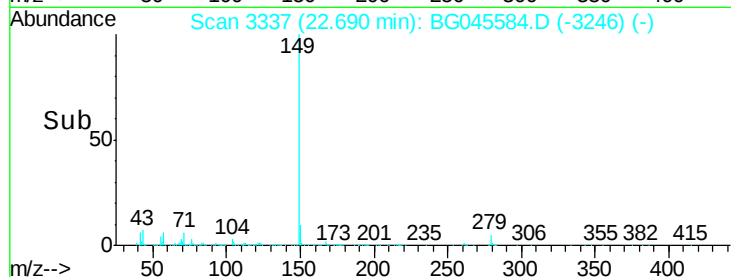
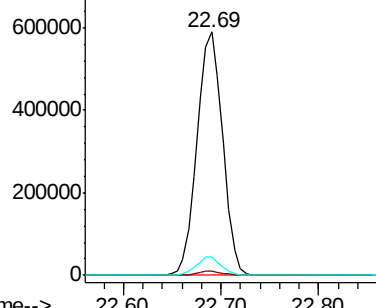
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

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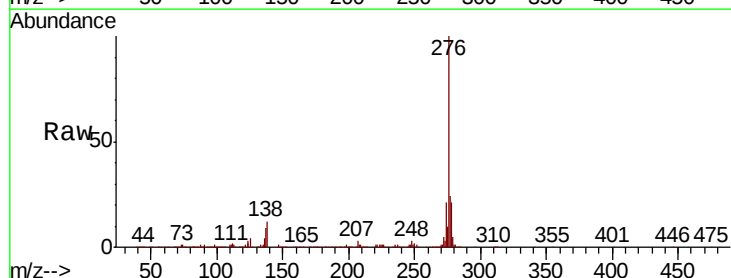


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

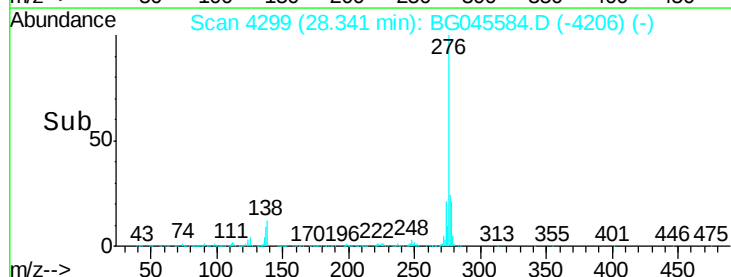
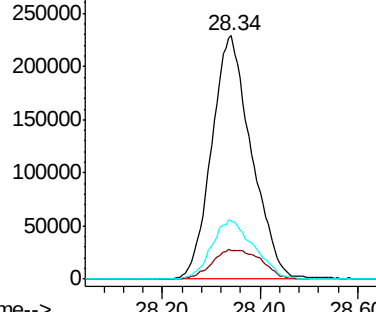


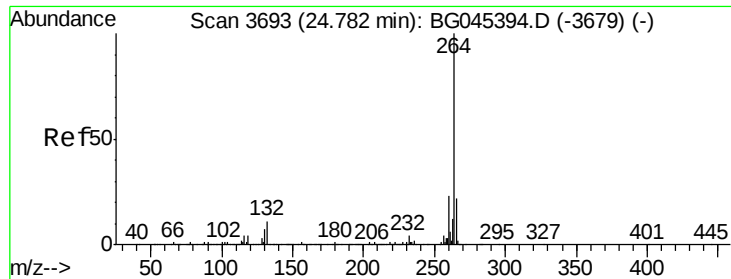
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.371 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.6	12.8#
277	25.7	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





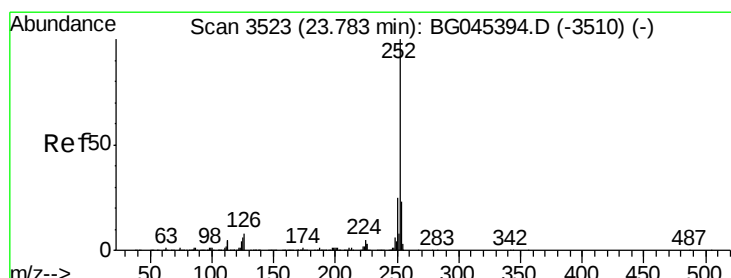
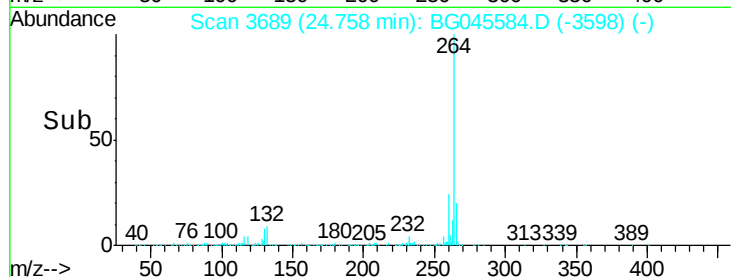
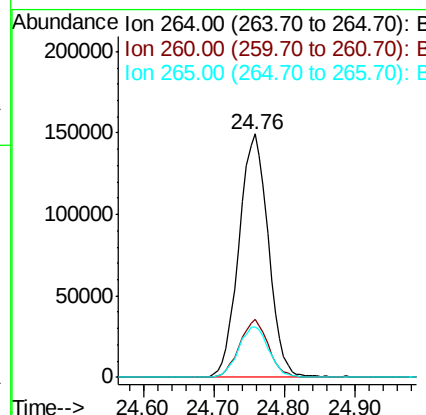
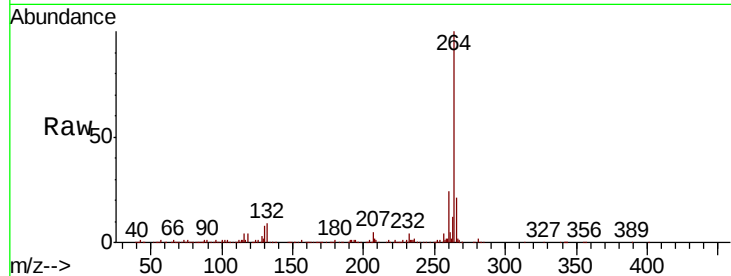
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Instrument :
BNA_G
ClientSampleId :
PB129260BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.7	17.6	26.4

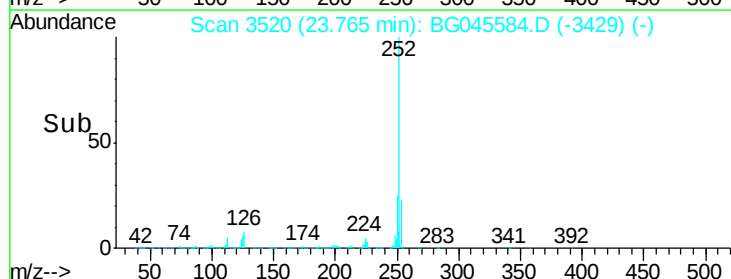
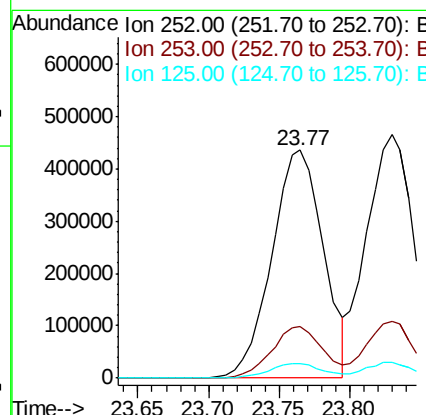
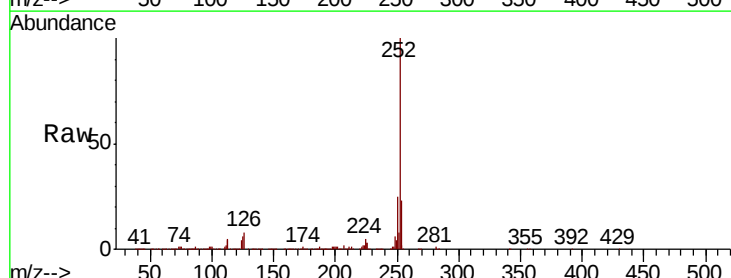
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#88
Benzo(b)fluoranthene
Concen: 47.719 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045584.D
Acq: 3 Jun 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 49.908 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB129260BSD

Tot Ion:252 Resp: 1089178

Ion Ratio Lower Upper

252 100

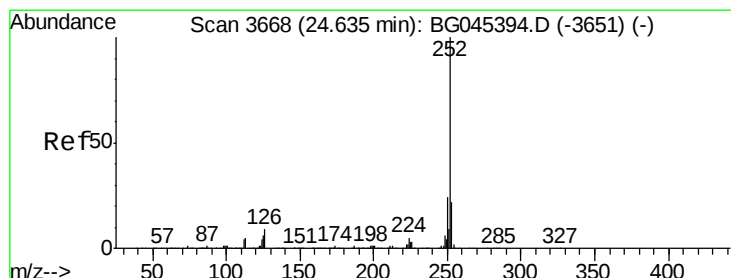
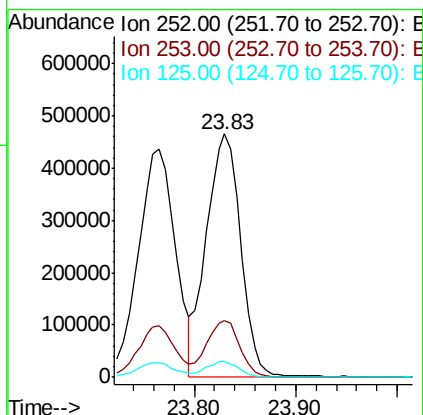
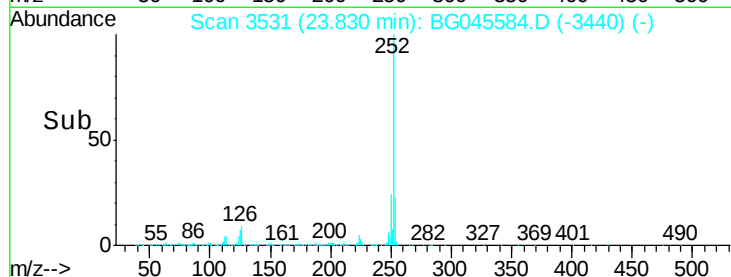
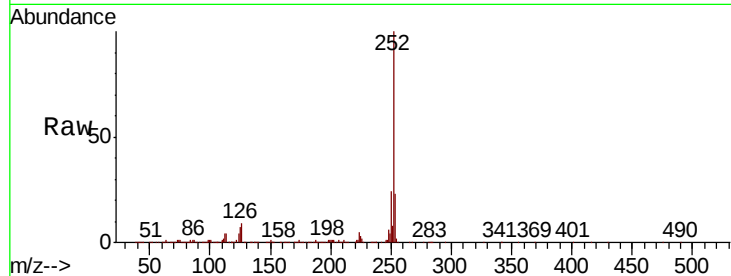
253 23.4 18.4 27.6

125 6.5 5.7 8.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 47.344 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

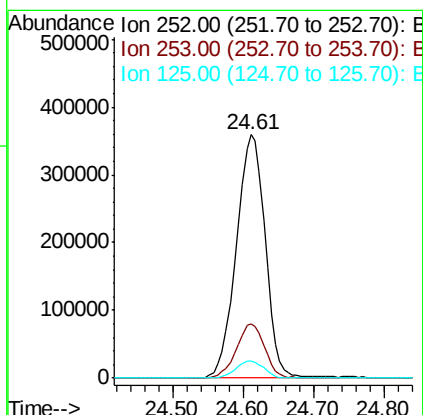
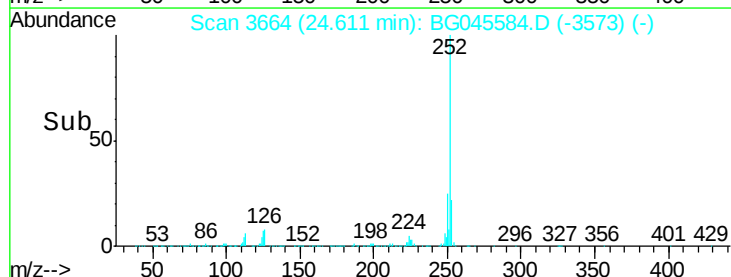
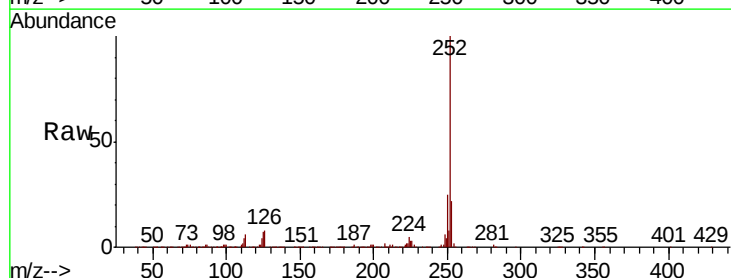
Tgt Ion:252 Resp: 1024248

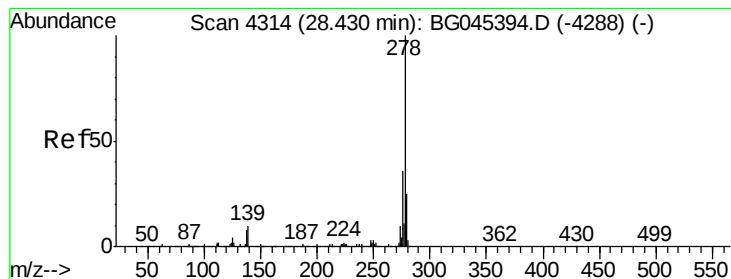
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 6.9 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 48.722 ng

RT: 28.39 min Scan# 4308

Delta R.T. 0.01 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB129260BSD

Tot Ion:278 Resp: 1059229

Ion Ratio Lower Upper

278 100

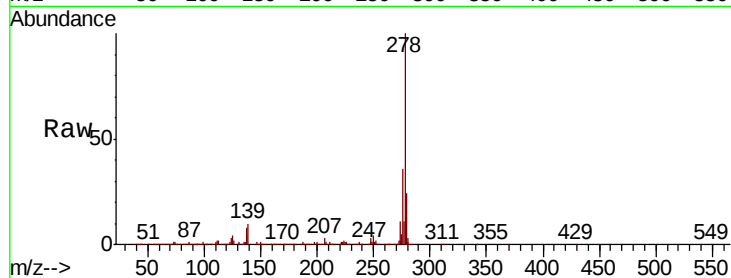
139 10.1 7.8 11.8

279 24.5 19.8 29.8

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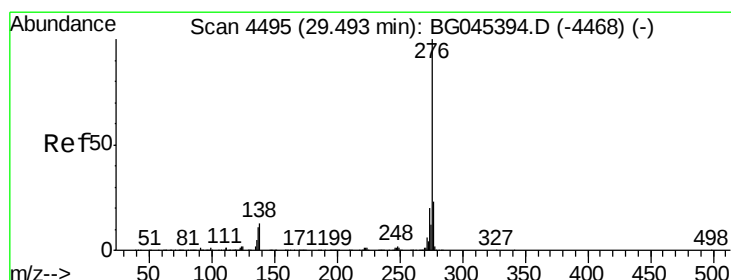
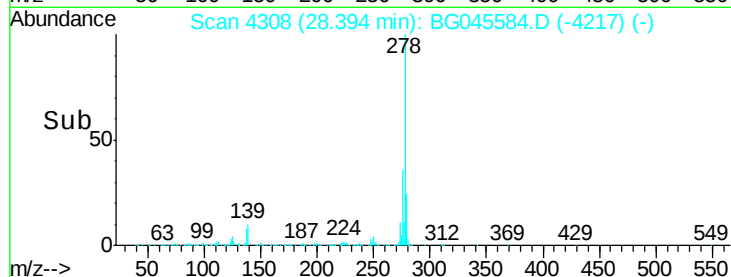
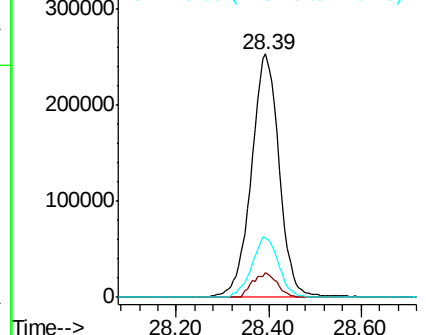
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.719 ng

RT: 29.46 min Scan# 4489

Delta R.T. 0.02 min

Lab File: BG045584.D

Acq: 3 Jun 2020 16:59

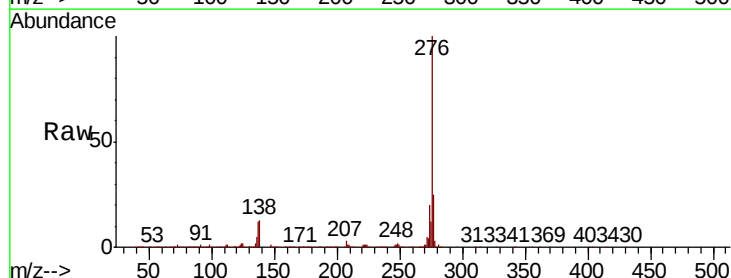
Tgt Ion:276 Resp: 1081044

Ion Ratio Lower Upper

276 100

277 24.8 18.1 27.1

138 12.7 10.2 15.4



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

