

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045441.D
 Acq On : 21 May 2020 15:41
 Operator : CG/JU
 Sample : PB129042BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Manual Integrations
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Quant Time: May 21 16:33:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58865	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	239821	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	182316	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	454252	20.00	ng	0.00
76) Chrysene-d12	21.61	240	440745	20.00	ng	0.00
87) Perylene-d12	24.77	264	498030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	441273	146.50	ng	0.00
7) Phenol-d6	7.19	99	616022	143.69	ng	0.00
23) Nitrobenzene-d5	9.12	82	380589	86.54	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	321101	137.72	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	937996	87.27	ng	0.00
79) Terphenyl-d14	19.97	244	1720658	91.05	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	55644	37.254	ng	98
3) Pyridine	3.81	79	127379	30.620	ng	94
4) n-Nitrosodimethylamine	3.72	42	57554	42.280	ng	97
6) Aniline	7.29	93	138440	24.737	ng	98
8) 2-Chlorophenol	7.55	128	158171	47.885	ng	98
9) Benzaldehyde	7.10	77	105951	37.932	ng	95
10) Phenol	7.21	94	214954	48.649	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	142550	41.362	ng	99
12) 1,3-Dichlorobenzene	7.85	146	168448	42.436	ng	98
13) 1,4-Dichlorobenzene	8.00	146	171098	43.678	ng	98
14) 1,2-Dichlorobenzene	8.32	146	159746	42.399	ng	94
15) Benzyl Alcohol	8.22	79	160280	45.257	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	134805	41.207	ng	97
17) 2-Methylphenol	8.45	107	147236	44.520	ng	96
18) Hexachloroethane	9.05	117	63094	42.054	ng	92
19) n-Nitroso-di-n-propylamine	8.77	70	130800	44.121	ng	99
20) 3+4-Methylphenols	8.78	107	197080	43.762	ng	# 49
22) Acetophenone	8.78	105	242269	42.623	ng	# 92
24) Nitrobenzene	9.16	77	200294	42.509	ng	96
25) Isophorone	9.69	82	370005	42.721	ng	98
26) 2-Nitrophenol	9.88	139	91498	45.394	ng	# 88
27) 2,4-Dimethylphenol	9.97	122	156567	52.372	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	204276	44.973	ng	97
29) 2,4-Dichlorophenol	10.45	162	169650	48.056	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	184150	44.145	ng	94
31) Naphthalene	10.82	128	497382	44.506	ng	100
32) Benzoic acid	10.15	122	103015	50.109	ng	95
33) 4-Chloroaniline	10.94	127	75700	16.205	ng	95
34) Hexachlorobutadiene	11.11	225	125239	42.472	ng	99
35) Caprolactam	11.70	113	61029m	47.098	ng	
36) 4-Chloro-3-methylphenol	12.11	107	198350	49.861	ng	95
37) 2-Methylnaphthalene	12.43	142	381668	45.821	ng	97
38) 1-Methylnaphthalene	12.65	142	362010	46.009	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	216032	42.423	ng	97

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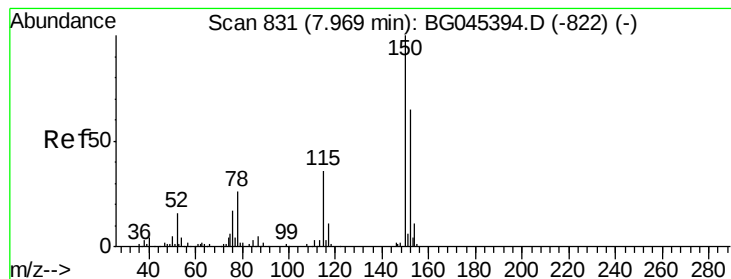
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	286418	97.447	nq	100
43) 2,4,6-Trichlorophenol	13.05	196	154871	43.780	nq	97
44) 2,4,5-Trichlorophenol	13.15	196	167252	41.374	nq	96
46) 1,1'-Biphenyl	13.44	154	505030	45.082	nq	98
47) 2-Chloronaphthalene	13.48	162	386161	42.450	nq	99
48) 2-Nitroaniline	13.69	65	123374	41.230	nq	89
49) Acenaphthylene	14.33	152	656208	44.909	nq	99
50) Dimethylphthalate	14.06	163	545796	43.640	nq	99
51) 2,6-Dinitrotoluene	14.18	165	123899	43.902	nq	91
52) Acenaphthene	14.67	154	382293	39.086	nq	97
53) 3-Nitroaniline	14.52	138	53285	18.574	nq	# 81
54) 2,4-Dinitrophenol	14.72	184	137988	75.006	nq	98
55) Dibenzofuran	15.00	168	635680	43.765	nq	97
56) 4-Nitrophenol	14.89	139	196169	90.318	nq	91
57) 2,4-Dinitrotoluene	14.97	165	179079	43.814	nq	97
58) Fluorene	15.66	166	536332	44.946	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	157986	44.423	nq	99
60) Diethylphthalate	15.43	149	572360	43.969	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	298977	43.784	nq	99
62) 4-Nitroaniline	15.69	138	119631	39.944	nq	92
63) Azobenzene	15.94	77	529760	43.645	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112003	42.336	nq	94
66) n-Nitrosodiphenylamine	15.87	169	475335	43.582	nq	98
67) 4-Bromophenyl-phenylether	16.54	248	208301	42.348	nq	97
68) Hexachlorobenzene	16.67	284	227432	44.207	nq	99
69) Atrazine	16.82	200	184900	41.159	nq	98
70) Pentachlorophenol	17.02	266	232039	86.863	nq	97
71) Phenanthrene	17.40	178	887318	44.745	nq	100
72) Anthracene	17.49	178	915528	45.973	nq	98
73) Carbazole	17.76	167	844256	43.492	nq	99
74) Di-n-butylphthalate	18.32	149	1009655	43.334	nq	99
75) Fluoranthene	19.41	202	1141453	45.254	nq	99
77) Benzidine	19.59	184	357433	28.875	nq	98
78) Pyrene	19.77	202	1125994	44.817	nq	99
80) Butylbenzylphthalate	20.65	149	455597	42.012	nq	98
81) Benzo(a)anthracene	21.59	228	1087413	44.289	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	204851	21.270	nq	97
83) Chrysene	21.66	228	1046185	44.315	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	641340	43.022	nq	98
85) Di-n-octyl phthalate	22.70	149	1095692	42.795	nq	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1396548	45.237	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1188306	44.489	nq	99
89) Benzo(k)fluoranthene	23.84	252	1132992	45.151	nq	99
90) Benzo(a)pyrene	24.62	252	1088639	43.763	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1136275	45.455	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1158091	46.322	nq	97

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



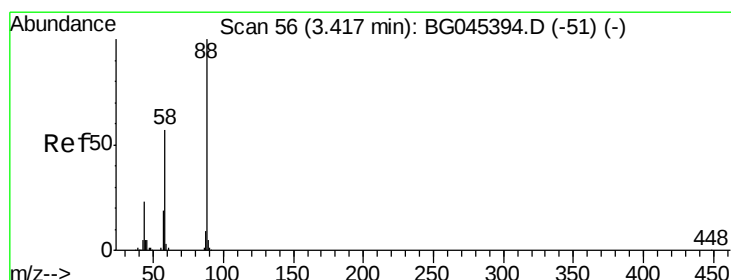
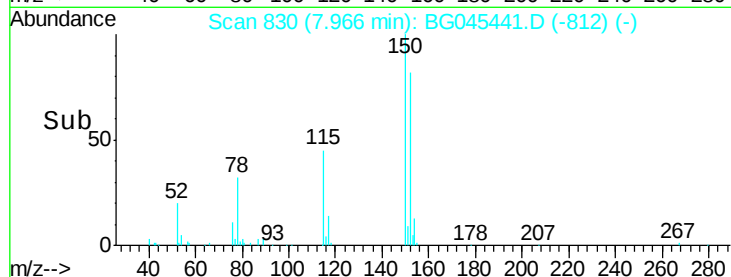
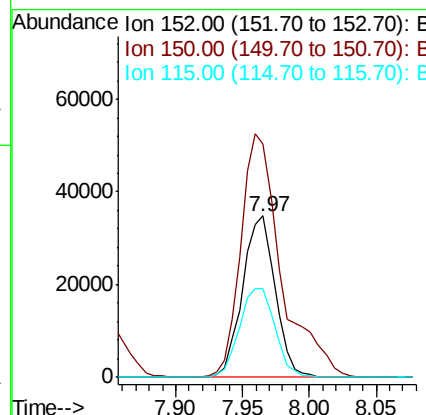
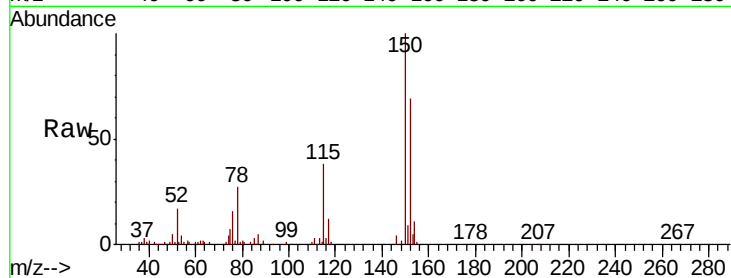
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	122.4	183.6
115	55.2	44.2	66.4

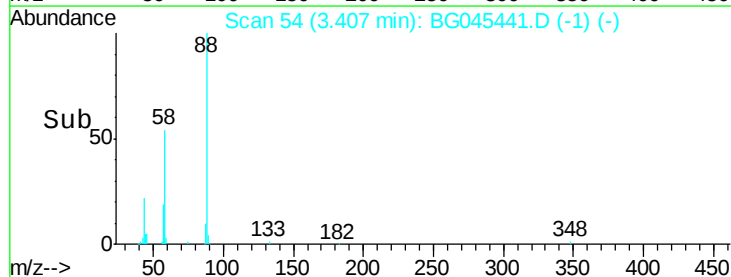
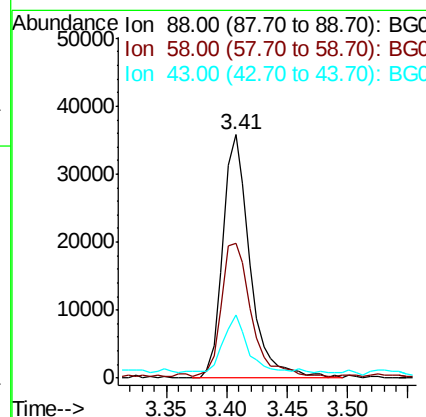
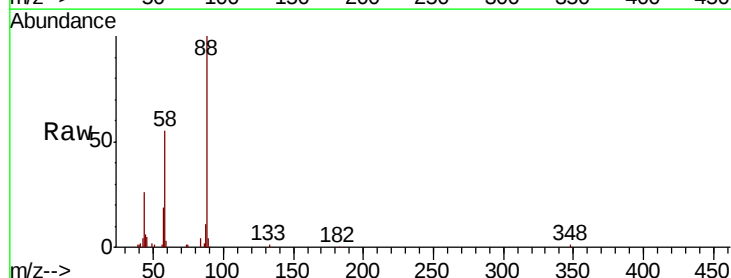
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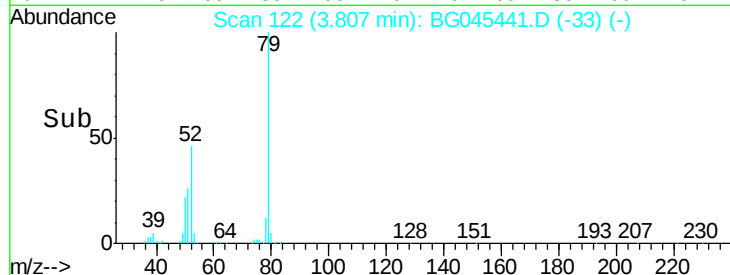
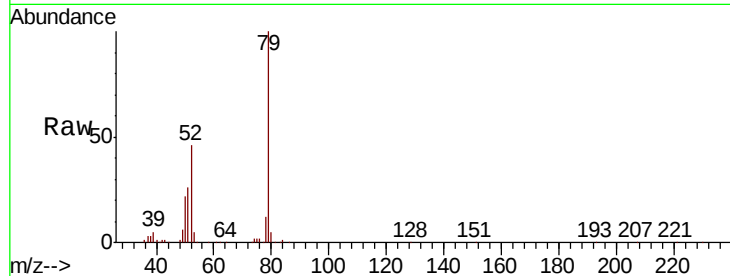
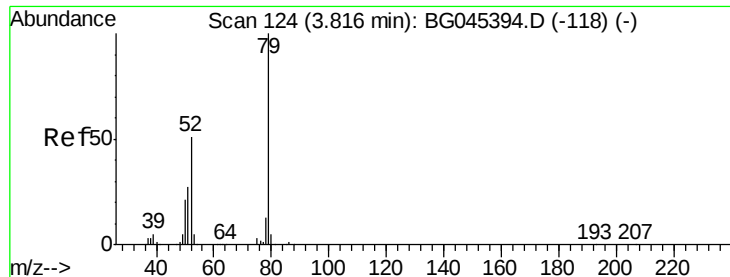
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#2
 1,4-Dioxane
 Concen: 37.254 ng
 RT: 3.41 min Scan# 54
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	45.7	68.5
43	21.8	16.8	25.2





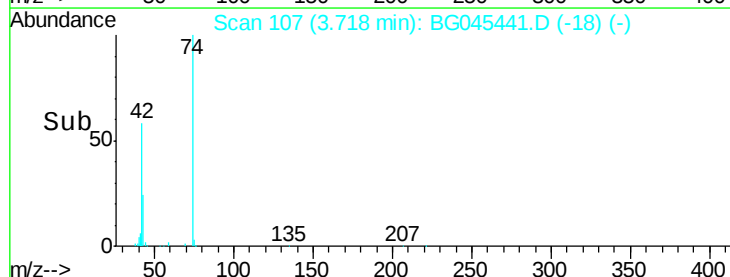
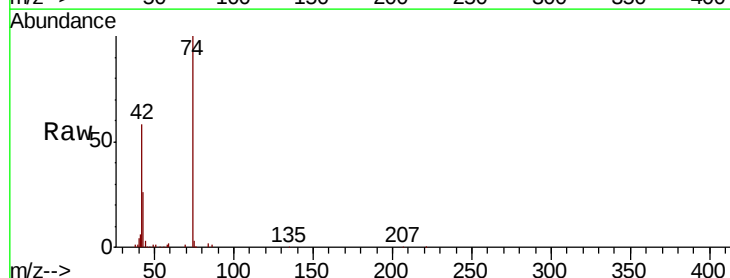
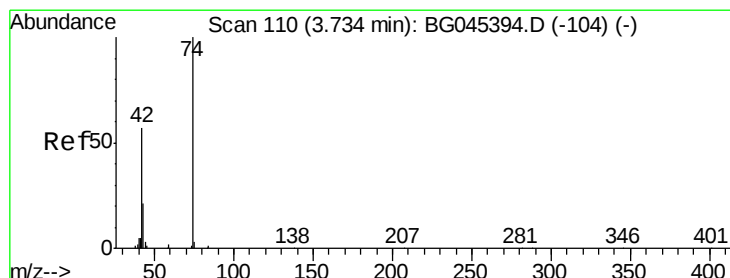
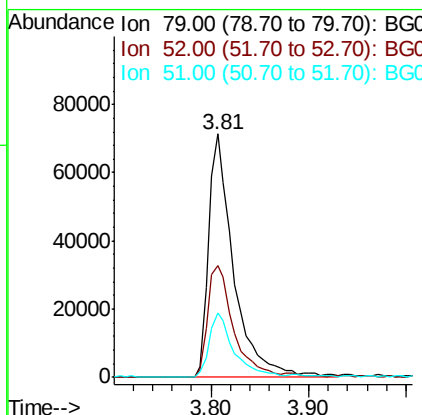
#3
Pvridine
Concen: 30.620 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	127379		
52	52	45.7		40.8	61.2
51	51	26.3		21.9	32.9

Instrument :
BNA_G
ClientSampleId :
PB129042BS

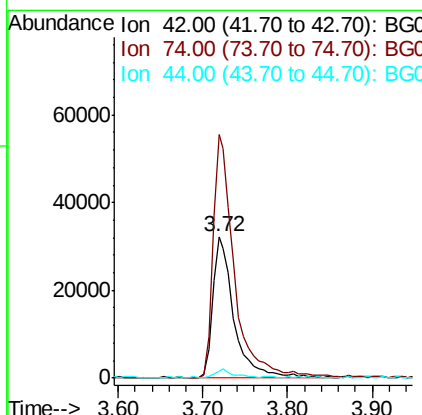
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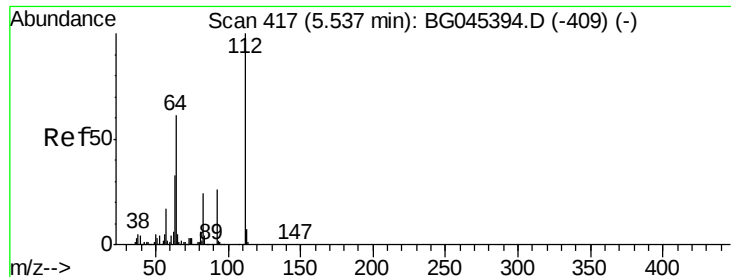
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#4
n-Nitrosodimethylamine
Concen: 42.280 ng
RT: 3.72 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	57554		
74	74	172.0		141.3	211.9
44	44	4.8		4.2	6.4





#5

2-Fluorophenol

Concen: 146.501 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

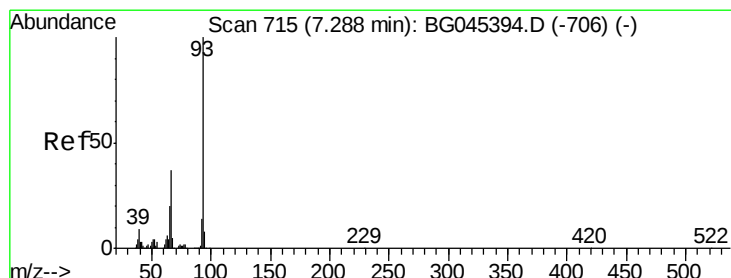
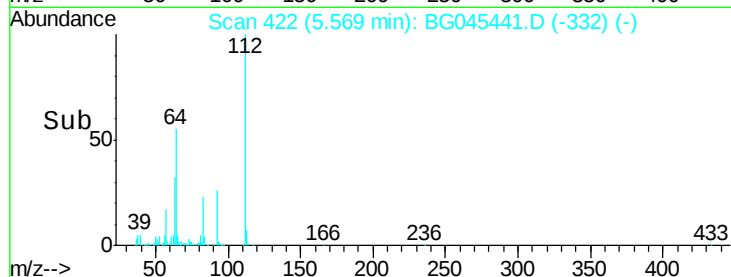
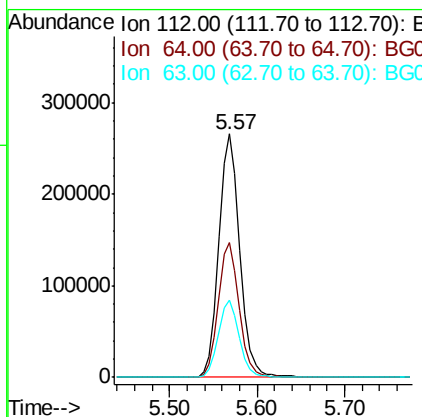
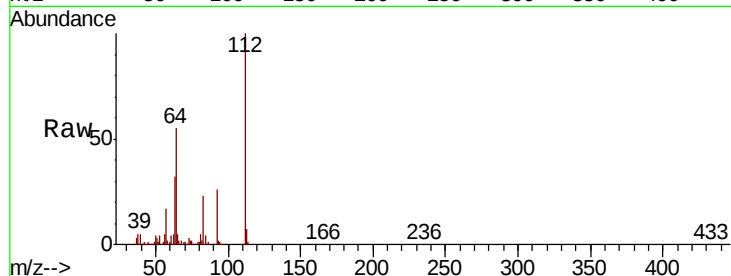
ClientSampleId :

PB129042BS

Tot Ion:	112	Resp:	441273
Ion Ratio	Lower	Upper	
112	100		
64	55.2	48.6	72.8
63	31.8	26.5	39.7

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#6

Aniline

Concen: 24.737 ng

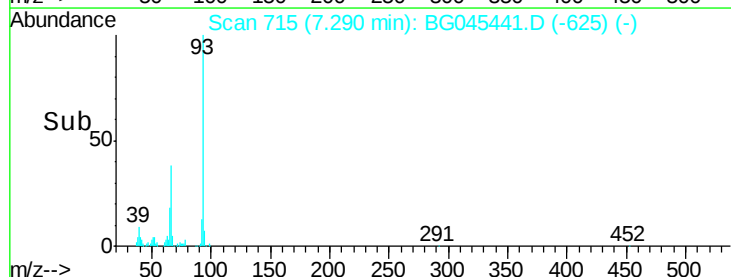
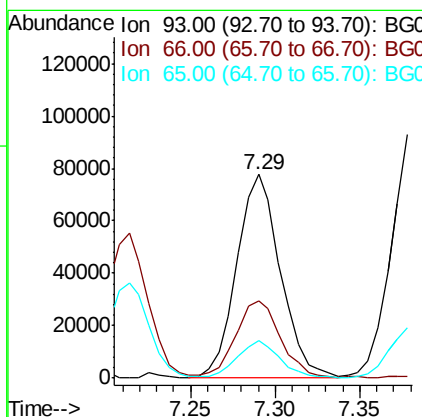
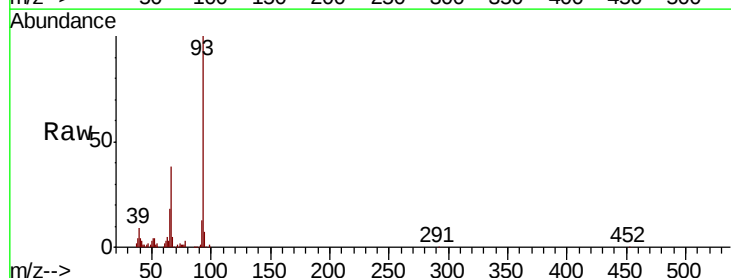
RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	93	Resp:	138440
Ion Ratio	Lower	Upper	
93	100		
66	38.0	29.6	44.4
65	18.2	15.9	23.9





#7

Phenol-d6

Concen: 143.692 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

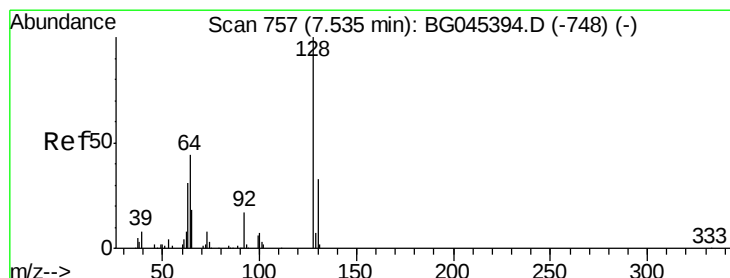
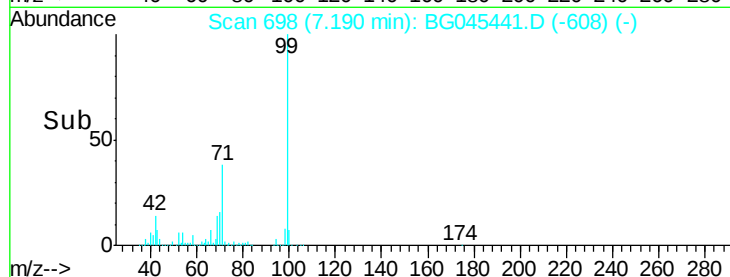
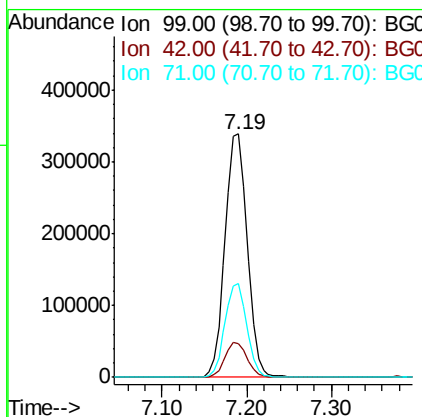
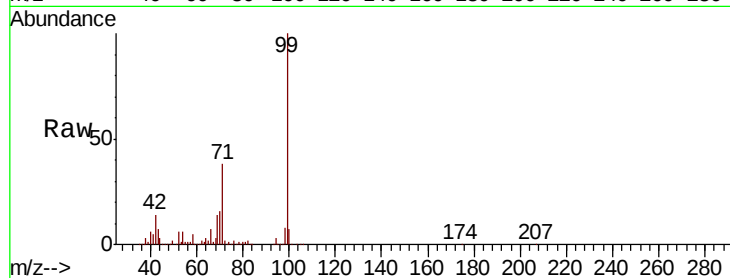
ClientSampleId :

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Tot Ion:	99	Resp:	616022
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	38.3	30.8	46.2

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#8

2-Chlorophenol

Concen: 47.885 ng

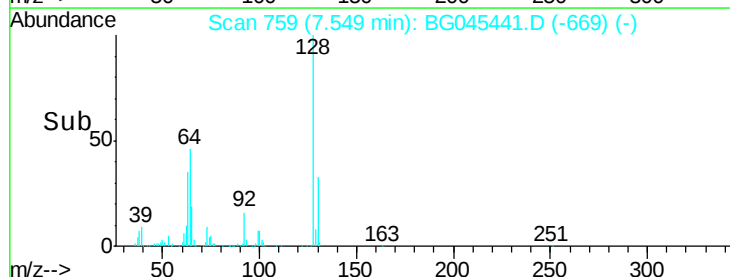
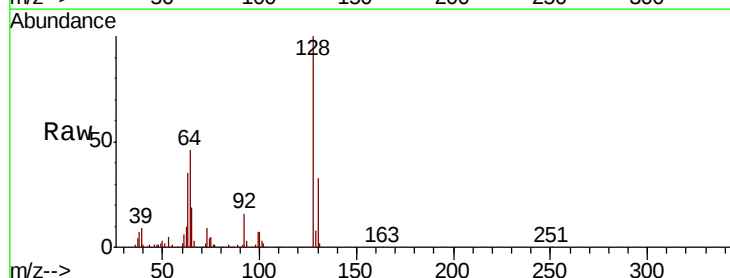
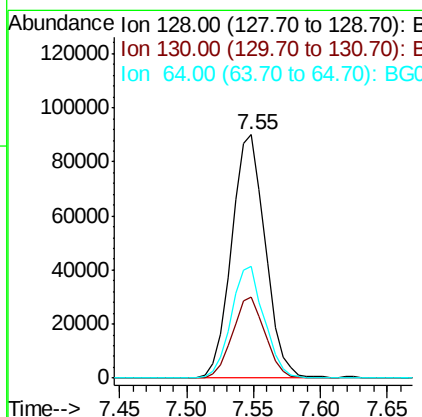
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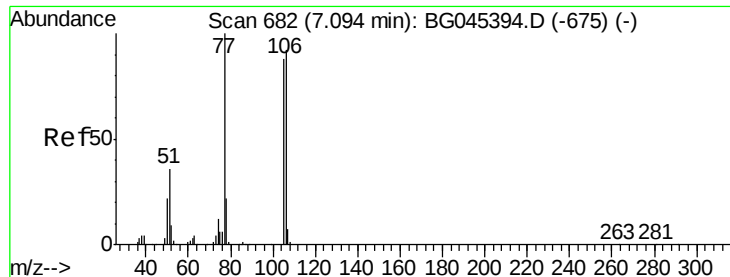
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	128	Resp:	158171
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.6	52.6
64	45.7	27.0	67.0





#9

Benzaldehyde

Concen: 37.932 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

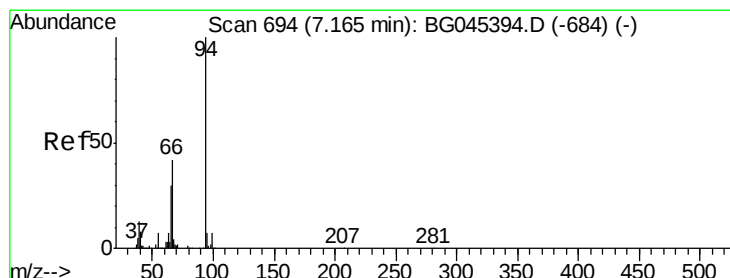
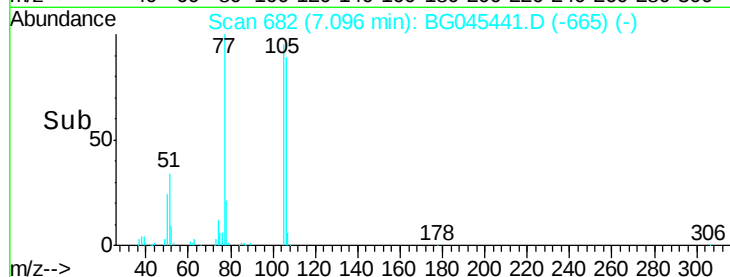
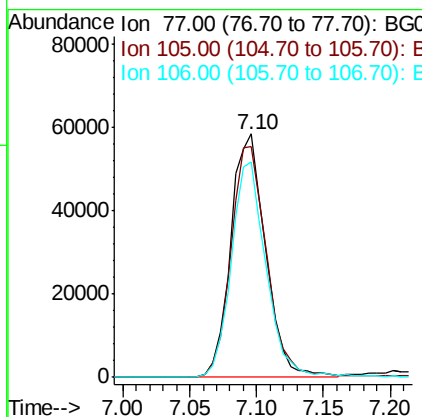
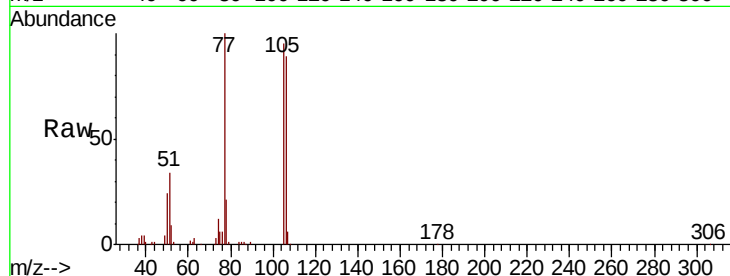
ClientSampleId :

PB129042BS

Tot Ion:	77	Resp:	105951
Ion	Ratio	Lower	Upper
77	100		
105	94.9	68.5	108.5
106	88.6	71.6	111.6

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#10

Phenol

Concen: 48.649 ng

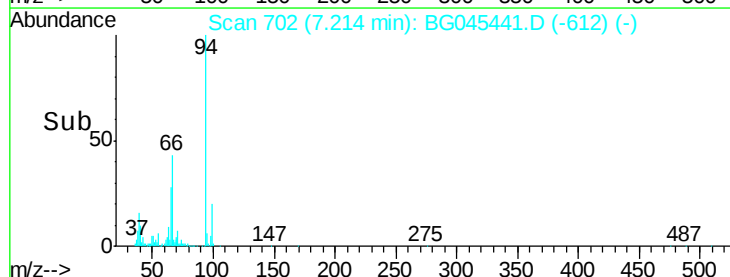
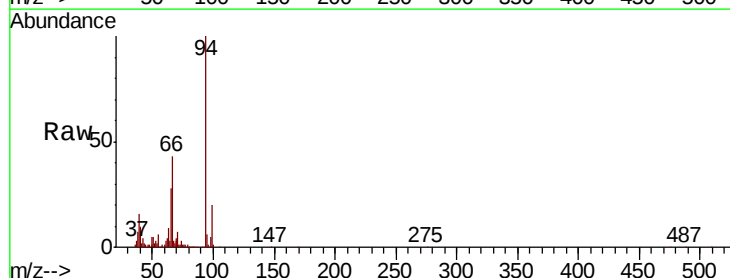
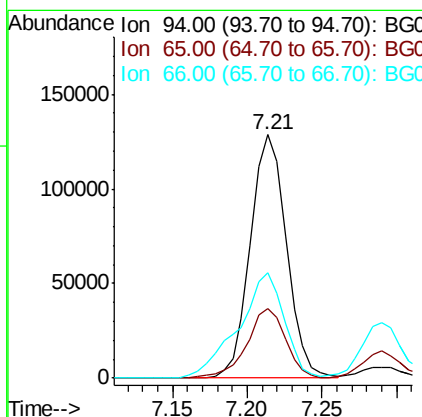
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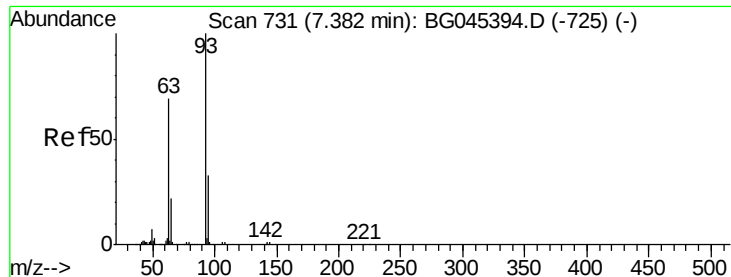
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	94	Resp:	214954
Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.8	49.8
66	43.1	22.0	62.0





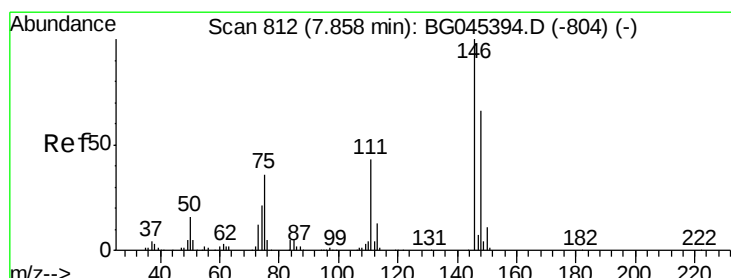
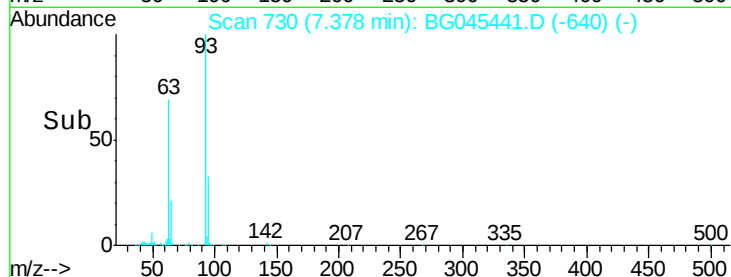
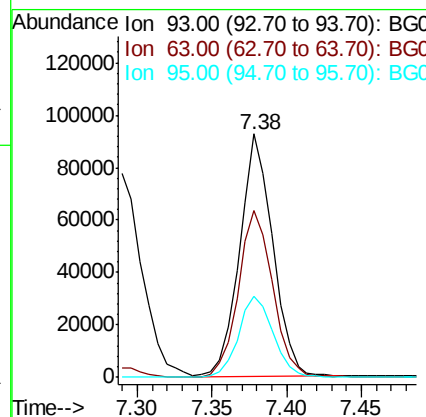
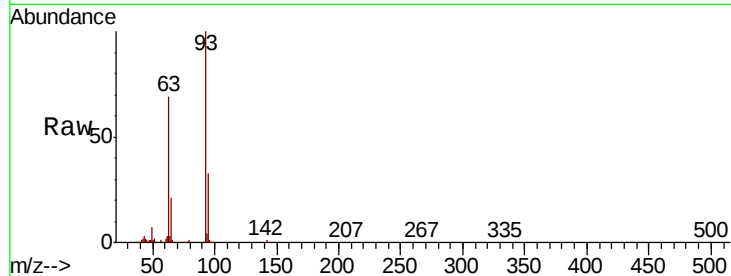
#11
bis(2-Chloroethyl)ether
Concen: 41.362 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion:	93	Resp:	142550
Ion Ratio	Lower	Upper	
93	100		
63	68.6	48.4	88.4
95	33.1	12.4	52.4

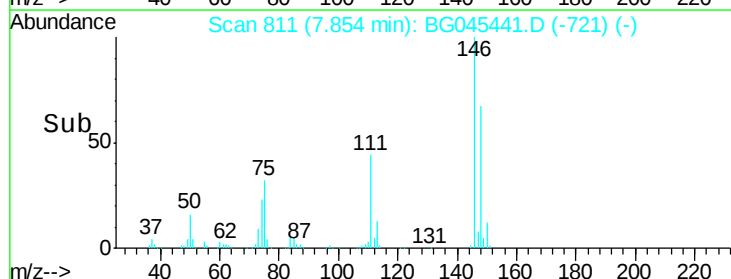
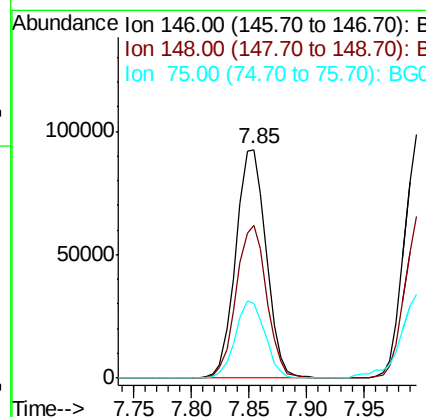
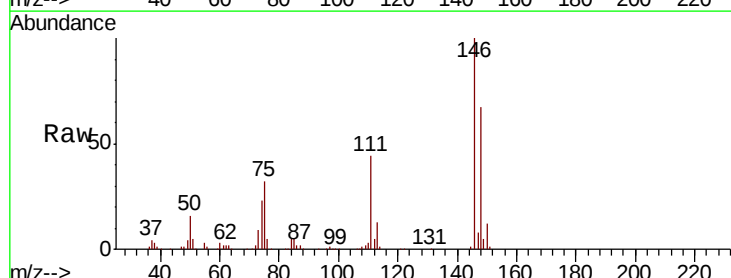
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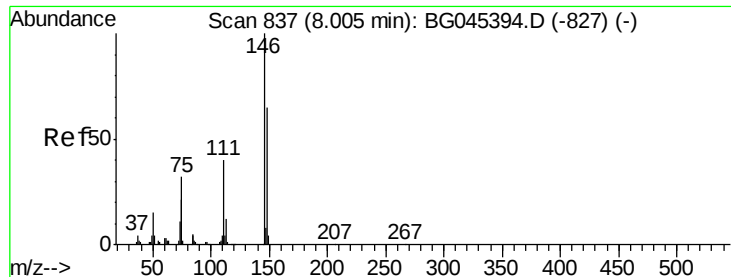
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.436 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion:	146	Resp:	168448
Ion Ratio	Lower	Upper	
146	100		
148	66.6	53.2	79.8
75	32.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.678 ng

RT: 8.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

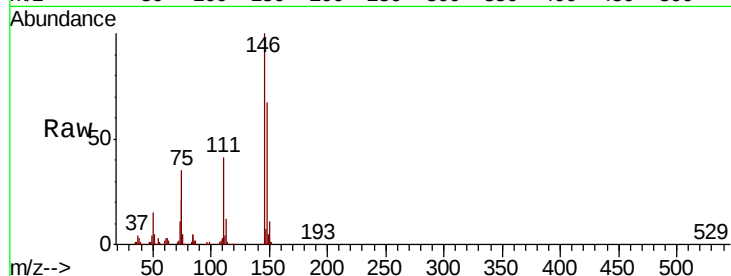
ClientSampled :

PB129042BS

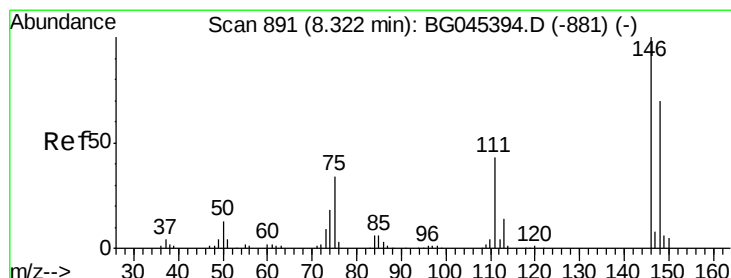
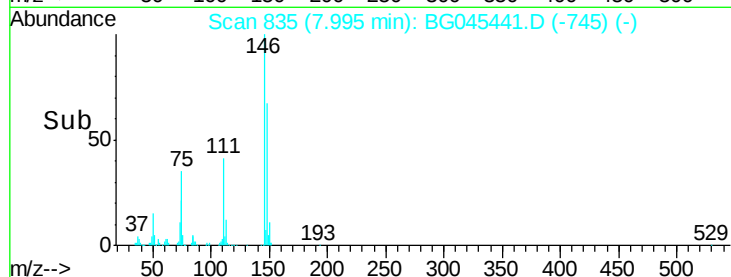
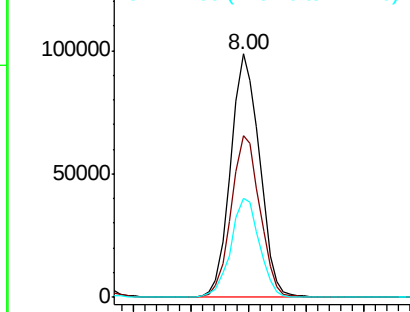
Tot Ion:	146	Resp:	171098
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.8	77.8
111	40.7	32.1	48.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.399 ng

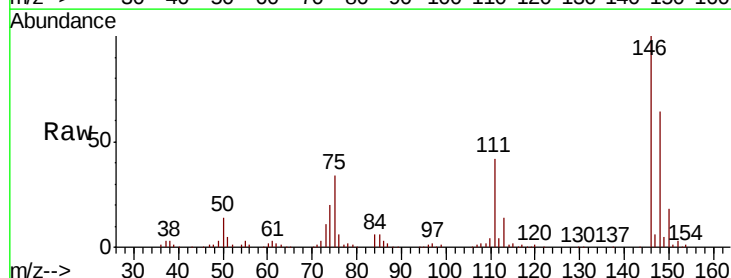
RT: 8.32 min Scan# 890

Delta R.T. 0.00 min

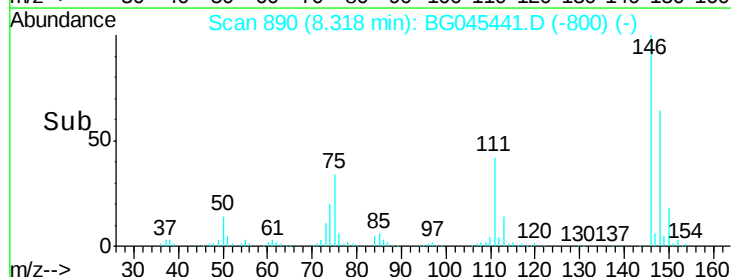
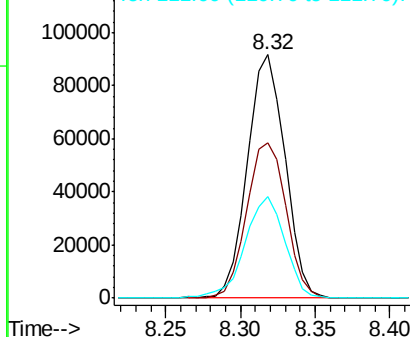
Lab File: BG045441.D

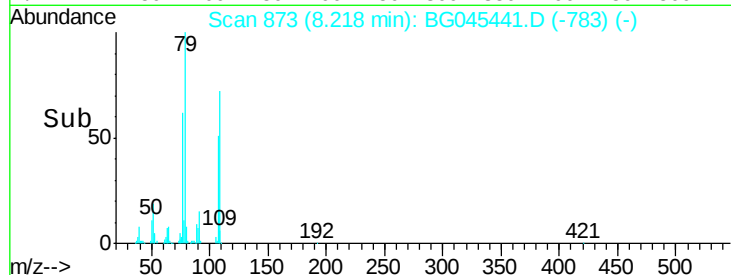
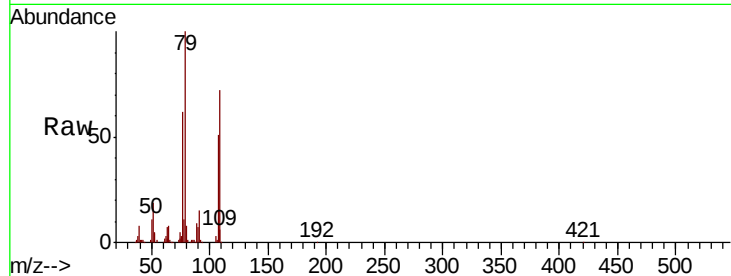
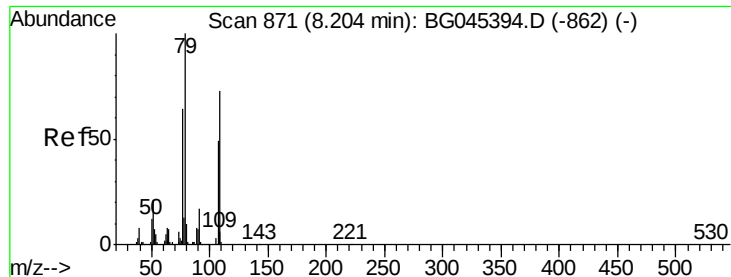
Acq: 21 May 2020 15:41

Tgt Ion:	146	Resp:	159746
Ion Ratio	Lower	Upper	
146	100		
148	64.0	55.9	83.9
111	41.7	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.257 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tot Ion:	79	Resp:	160280
Ion Ratio	Lower	Upper	
79	100		
108	72.1	58.2	87.4
77	61.6	51.0	76.4

Instrument :

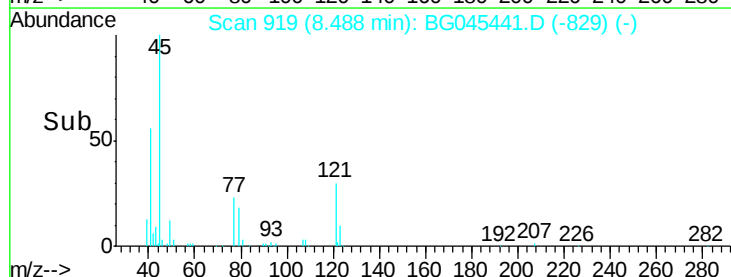
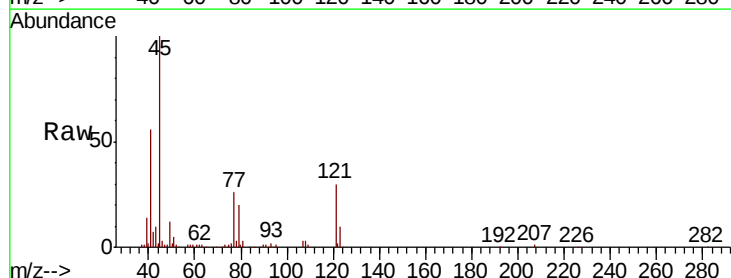
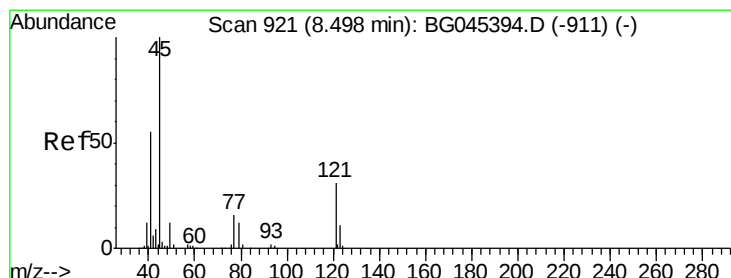
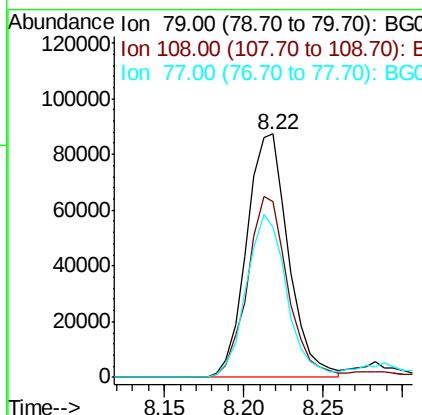
BNA_G

ClientSampleId :

PB129042BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.207 ng

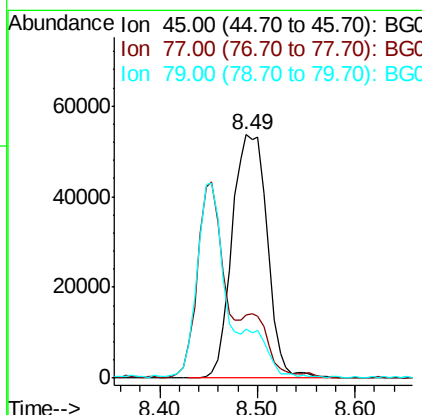
RT: 8.49 min Scan# 919

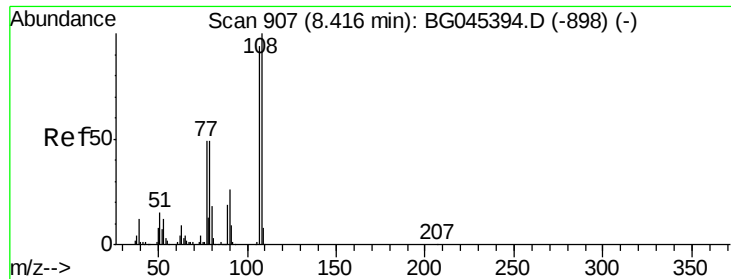
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	45	Resp:	134805
Ion Ratio	Lower	Upper	
45	100		
77	25.7	4.0	44.0
79	20.0	0.0	38.6





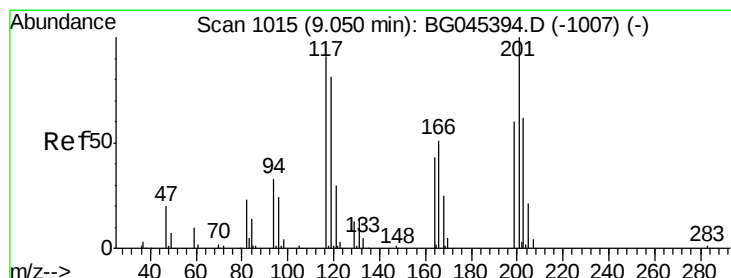
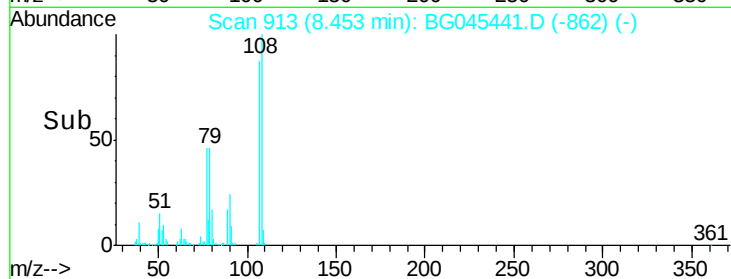
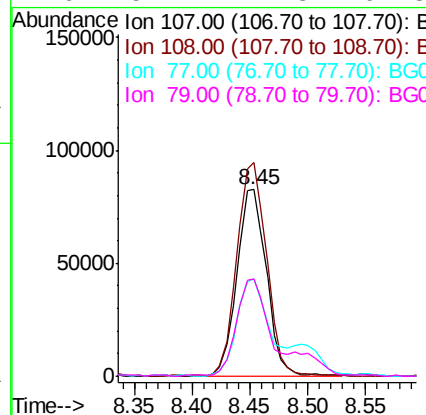
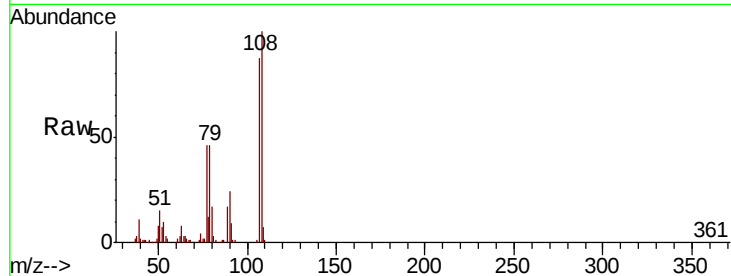
#17
2-Methylphenol
Concen: 44.520 ng
RT: 8.45 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	85.2	127.8	
77	52.4	41.6	62.4	
79	52.1	41.8	62.8	

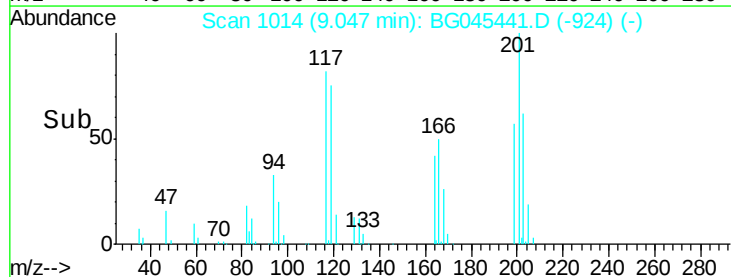
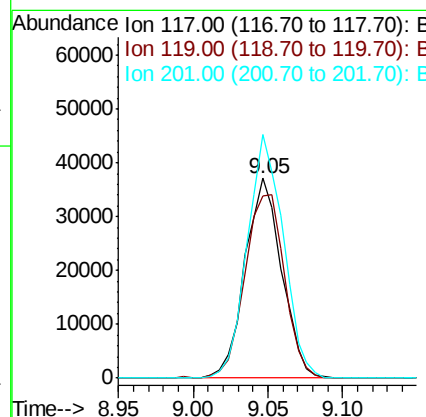
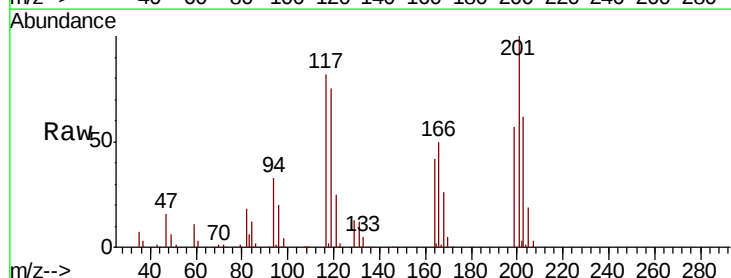
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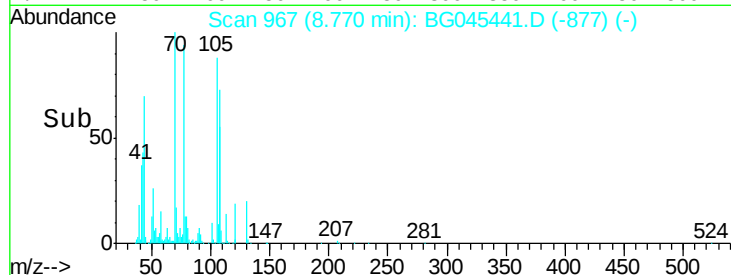
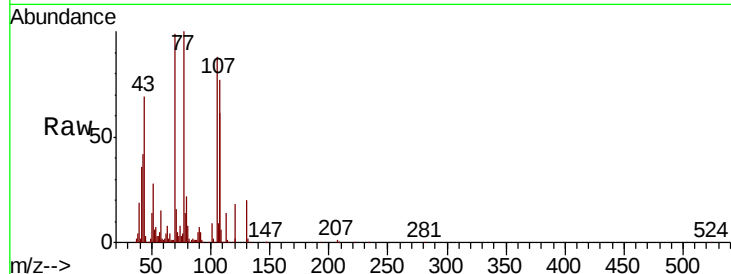
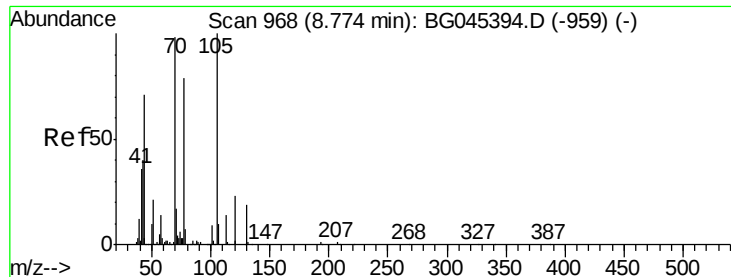
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#18
Hexachloroethane
Concen: 42.054 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	71.3	106.9	
201	122.0	87.5	131.3	





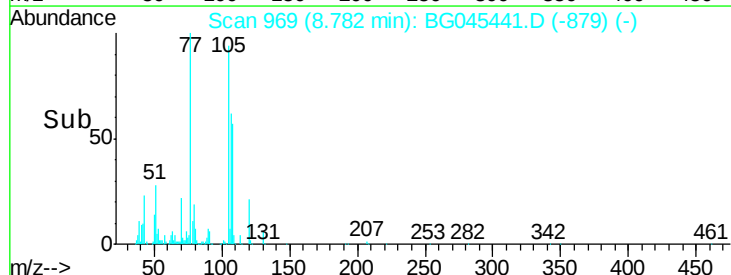
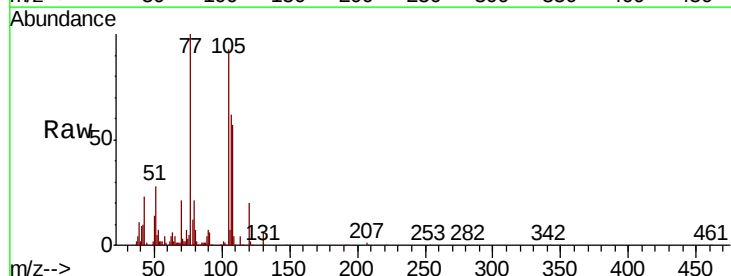
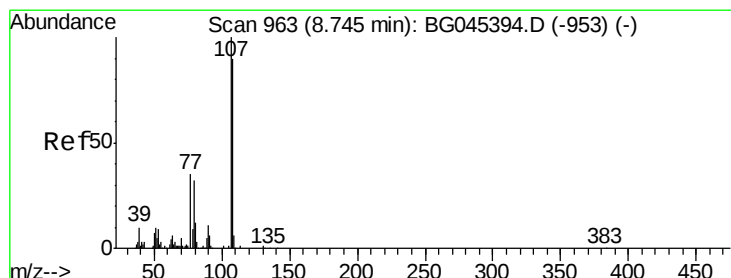
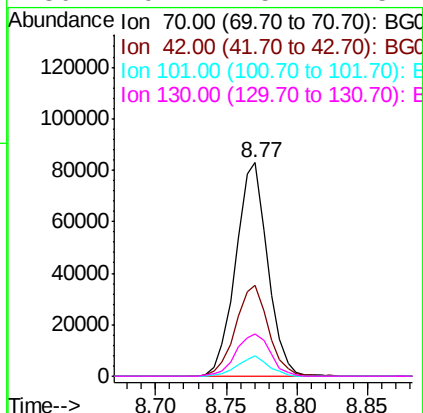
#19
n-Nitroso-di-n-propylamine
Concen: 44.121 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

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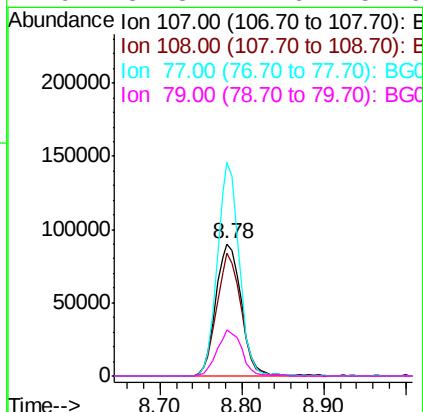
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.8	33.2	49.8	
101	9.5	7.8	11.6	
130	19.7	15.4	23.2	



#20
3+4-Methylphenols
Concen: 43.762 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	70.3	110.3	
77	161.9	15.4	55.4	
79	34.8	12.6	52.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

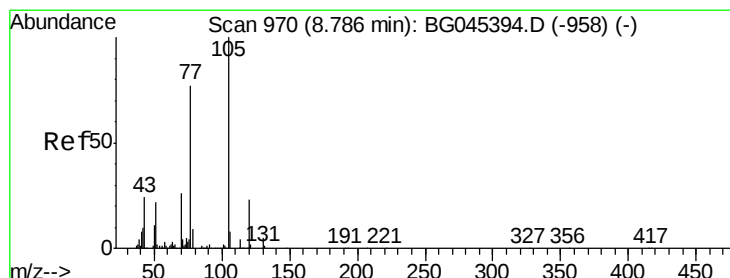
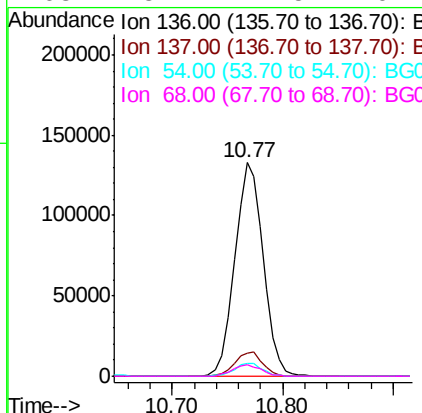
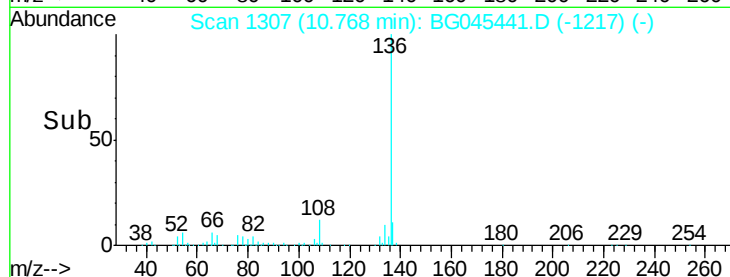
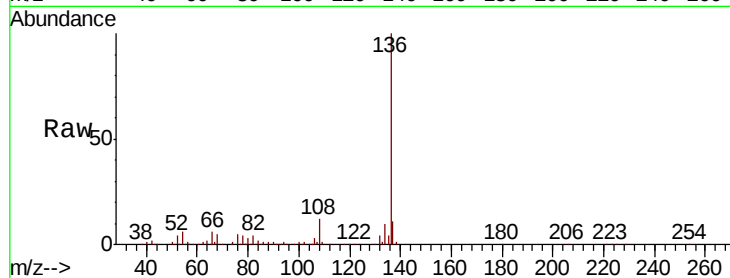
ClientSampleId :

PB129042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		239821		
137	10.6		9.4	14.2	
54	5.9		5.8	8.6	
68	5.4		4.5	6.7	

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#22

Acetophenone

Concen: 42.623 ng

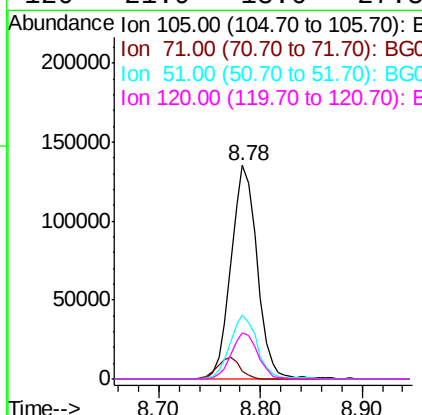
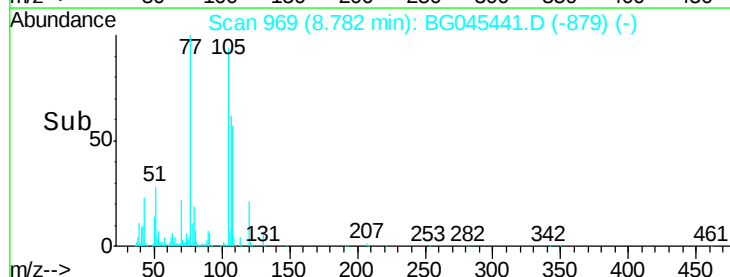
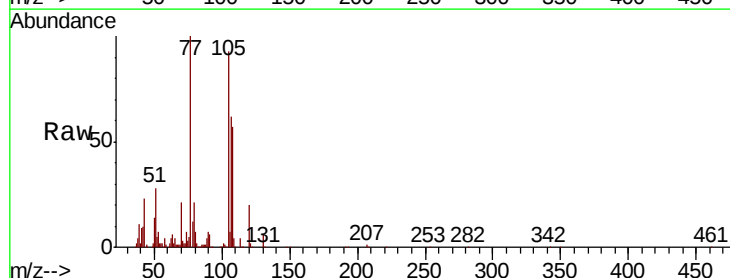
RT: 8.78 min Scan# 969

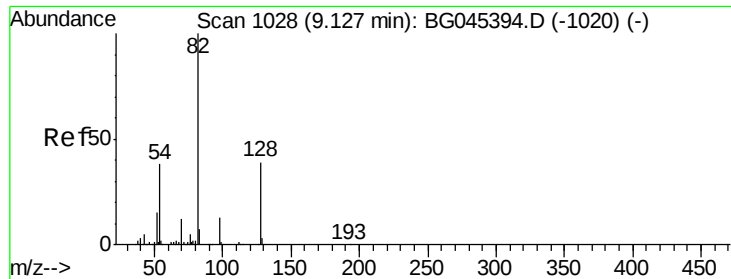
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		242269		
71	3.5		3.4	5.0	
51	30.1		18.2	27.2	
120	21.9		18.6	27.8	





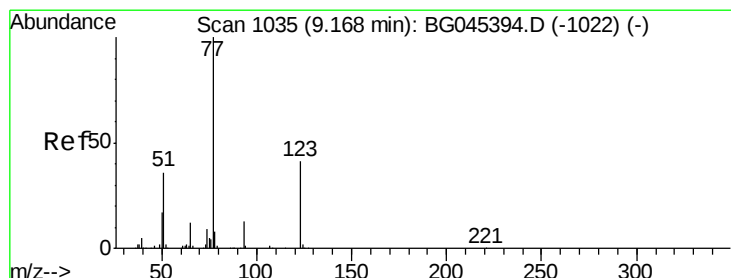
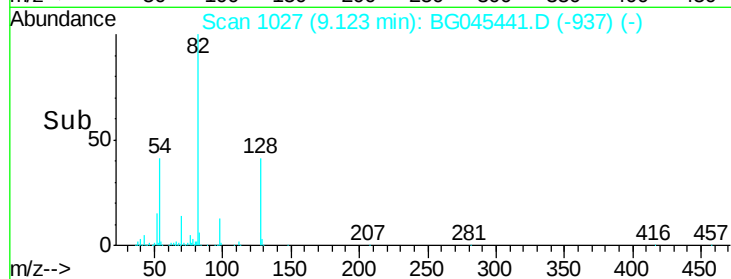
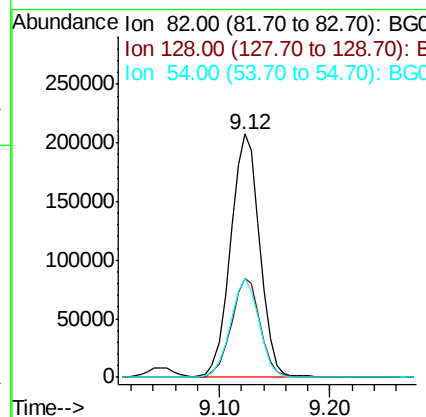
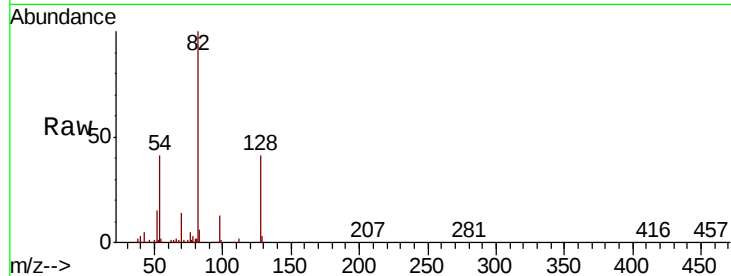
#23
 Nitrobenzene-d5
 Concen: 86.540 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampled :
 PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	30.9	46.3	
54	40.7	30.3	45.5	

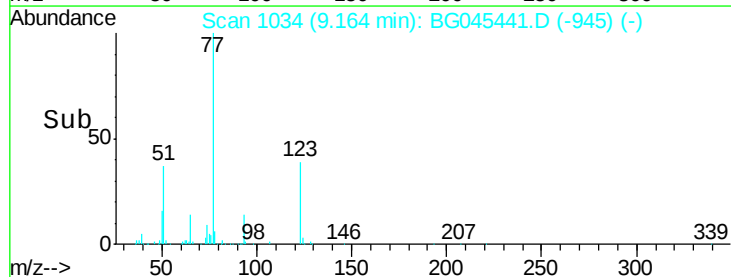
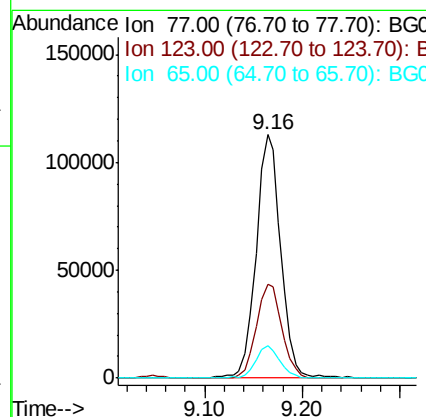
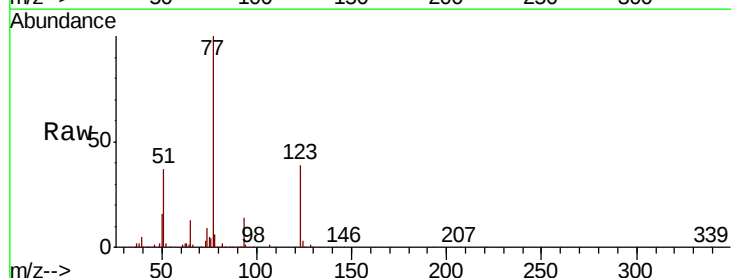
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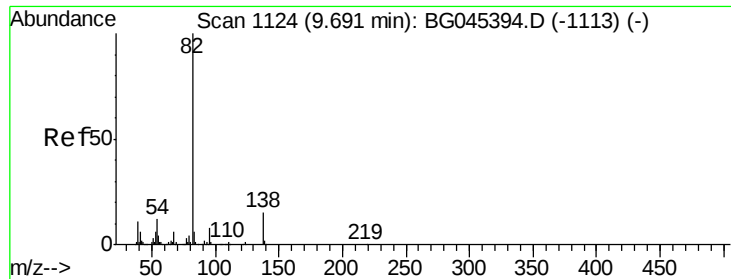
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#24
 Nitrobenzene
 Concen: 42.509 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.6	32.9	49.3	
65	13.5	9.4	14.2	





#25

Isophorone

Concen: 42.721 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

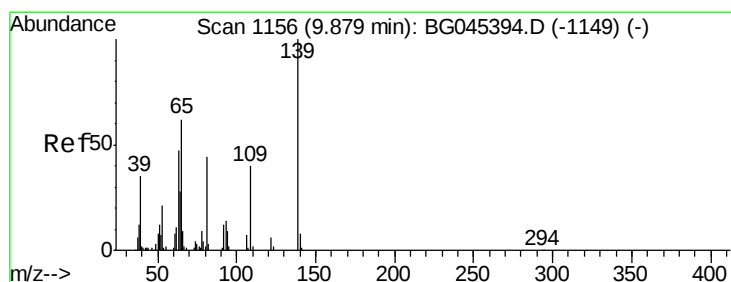
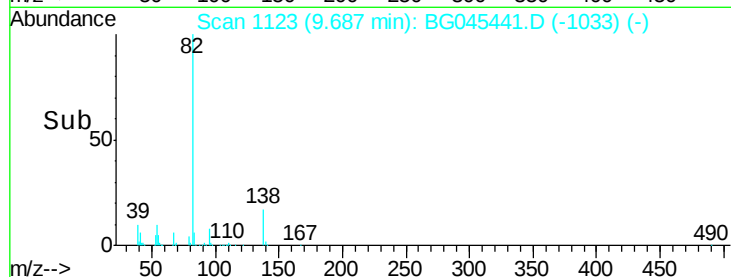
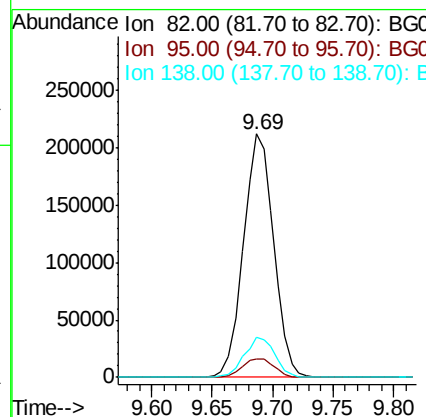
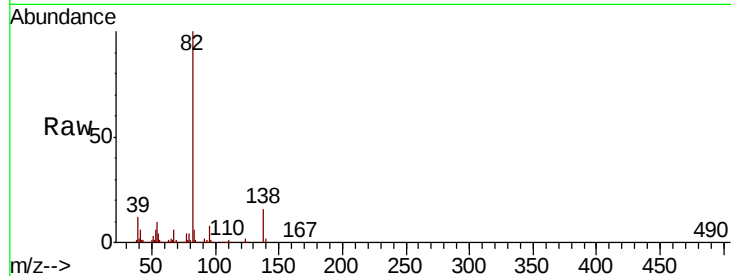
ClientSampleId :

PB129042BS

Tot Ion:	82	Resp:	370005
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.7	10.1
138	16.3	12.2	18.4

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#26

2-Nitrophenol

Concen: 45.394 ng

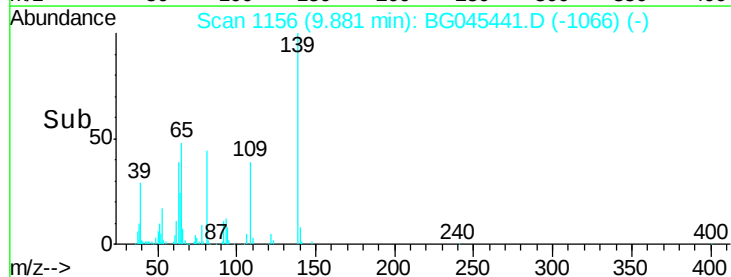
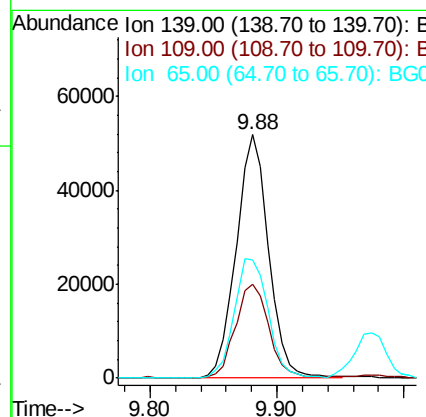
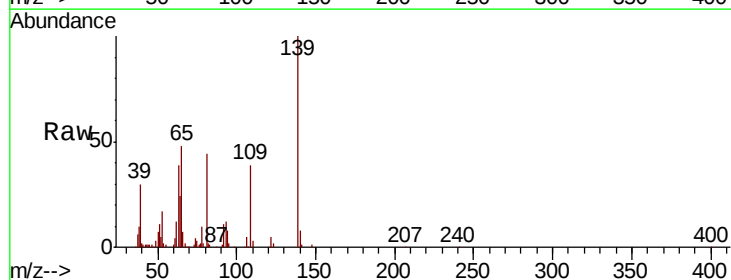
RT: 9.88 min Scan# 1156

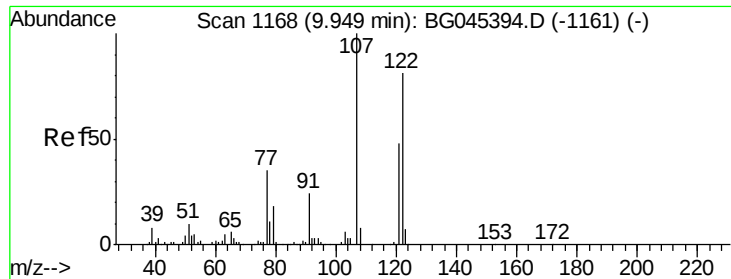
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	139	Resp:	91498
Ion Ratio	Lower	Upper	
139	100		
109	38.7	32.2	48.4
65	48.4	49.6	74.4#





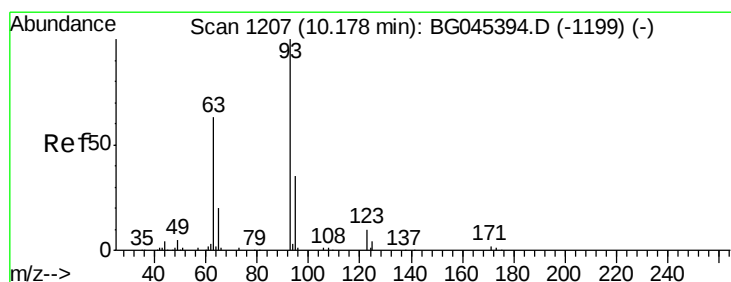
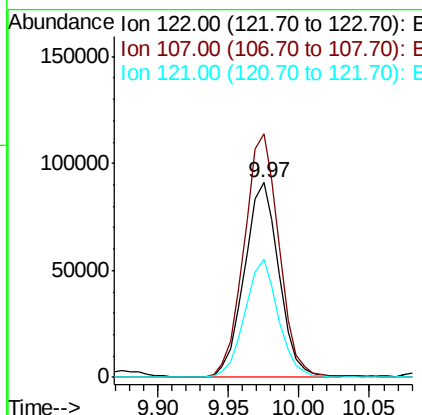
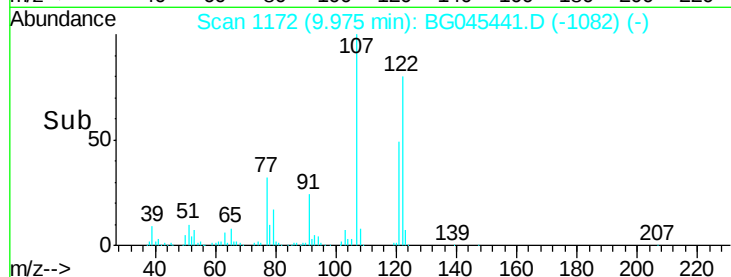
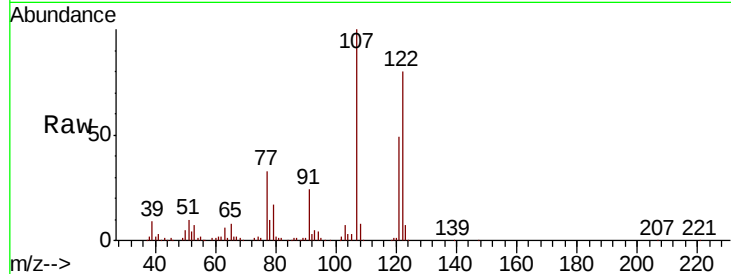
#27
 2,4-Dimethylphenol
 Concen: 52.372 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion:	122	Resp:	156567
Ion Ratio	Lower	Upper	
122	100		
107	125.0	99.0	148.4
121	60.7	47.7	71.5

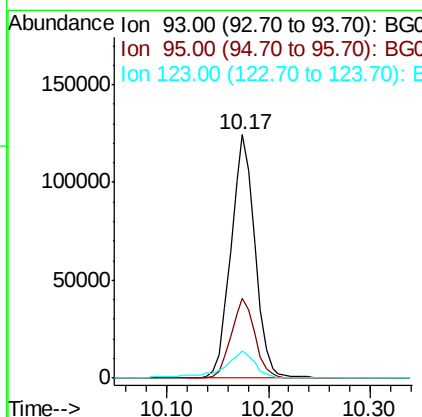
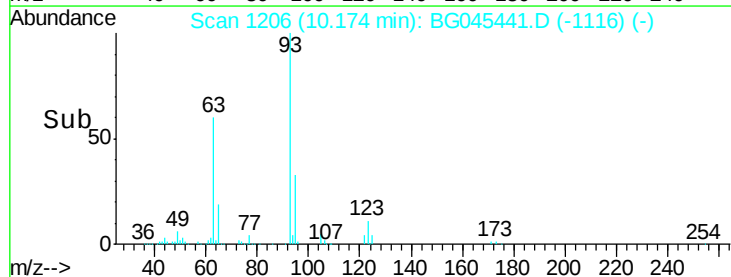
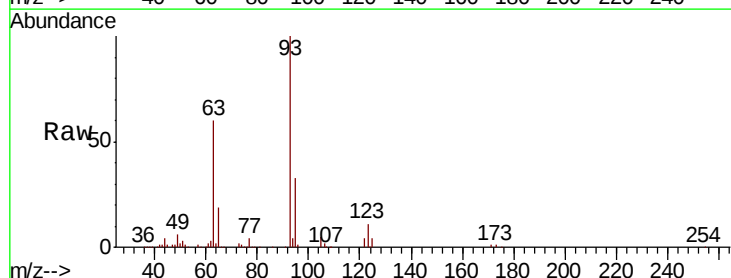
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.973 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion:	93	Resp:	204276
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.6	41.4
123	11.2	8.1	12.1





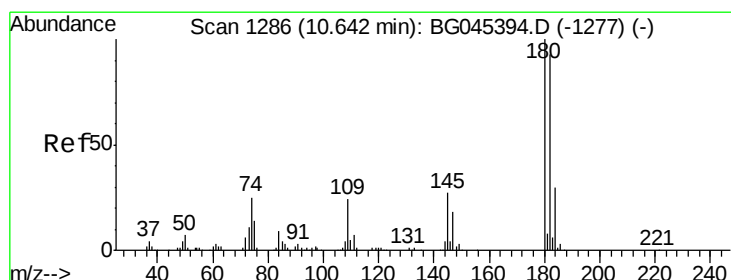
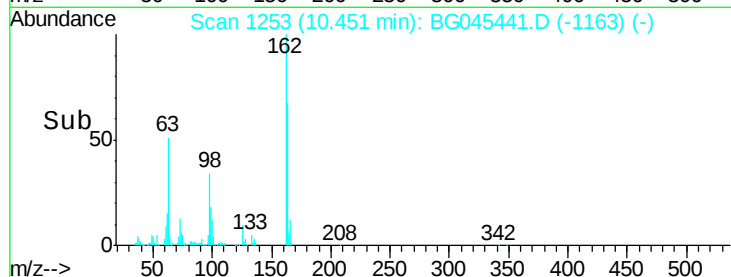
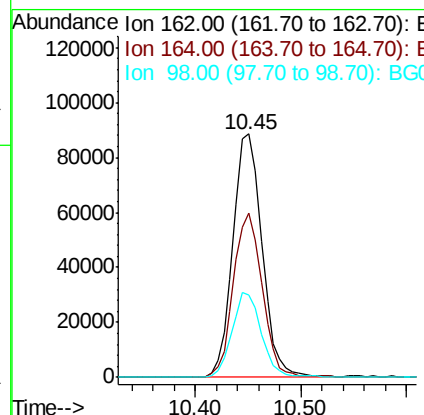
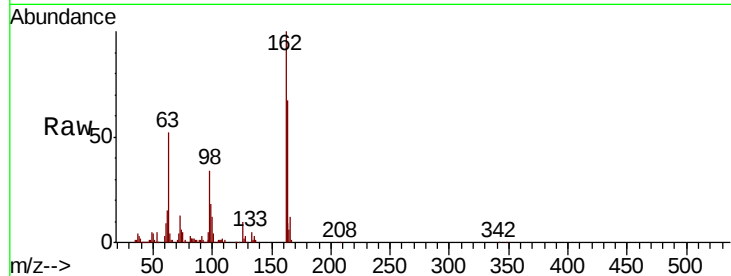
#29
 2,4-Dichlorophenol
 Concen: 48.056 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	169650		
164	67.3	46.8	86.8	
98	34.0	15.2	55.2	

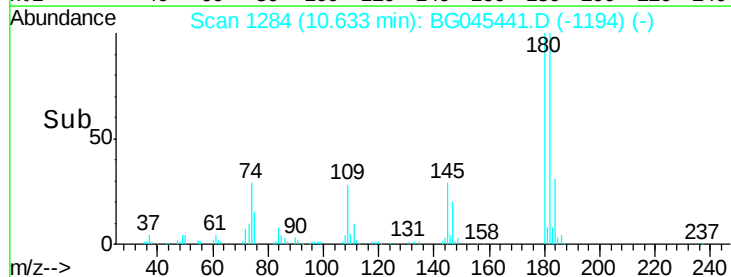
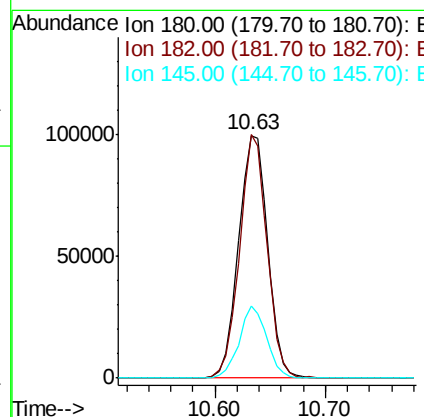
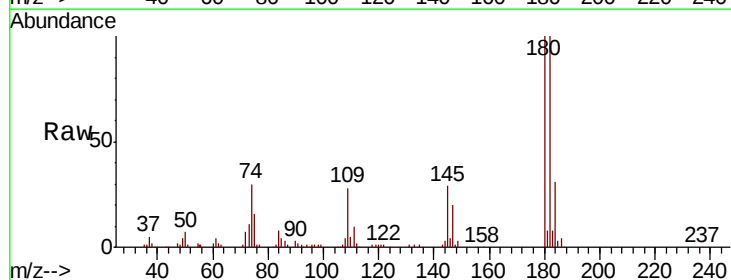
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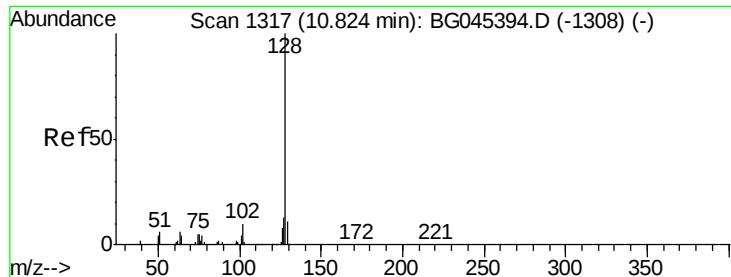
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.145 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	184150		
182	100.2	74.8	112.2	
145	29.4	21.9	32.9	





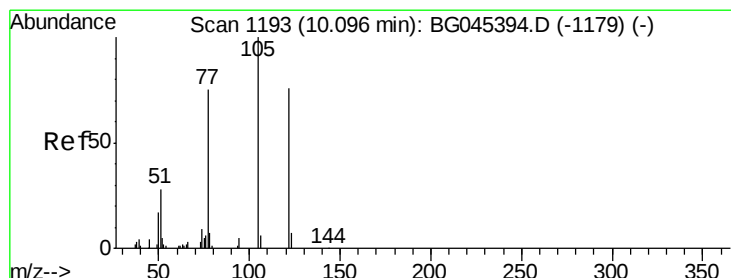
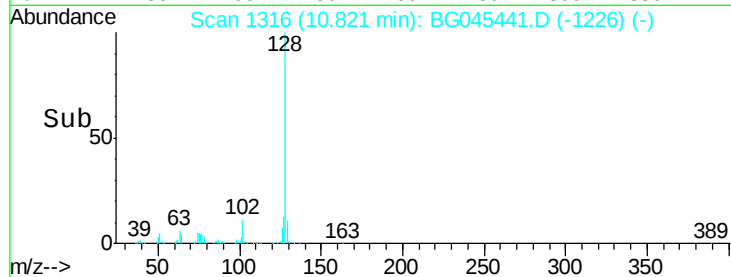
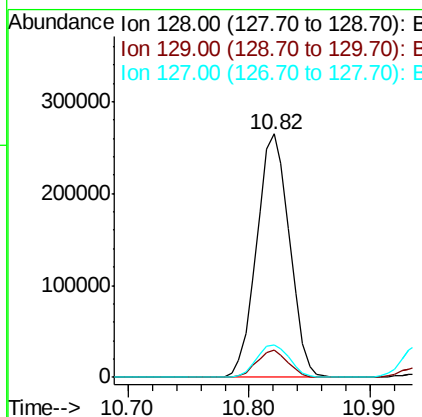
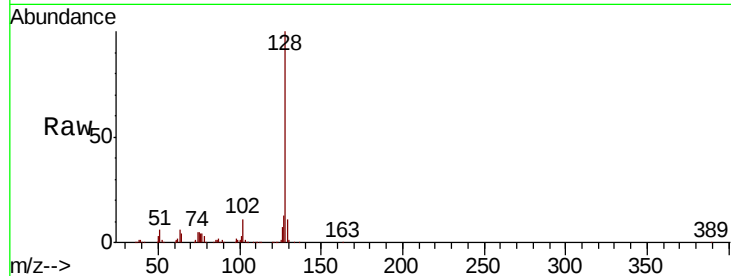
#31
Naphthalene
Concen: 44.506 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	497382		
129	11.3	9.0	13.6	
127	13.3	10.7	16.1	

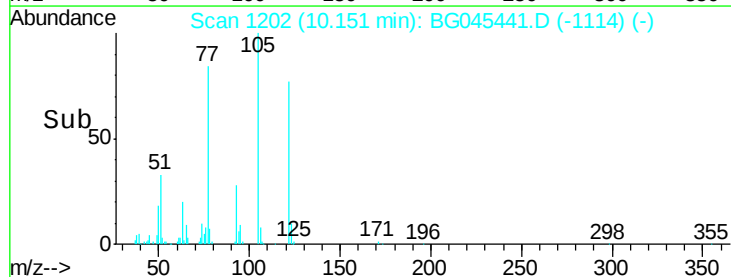
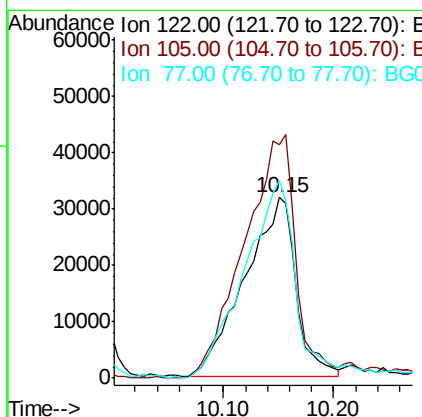
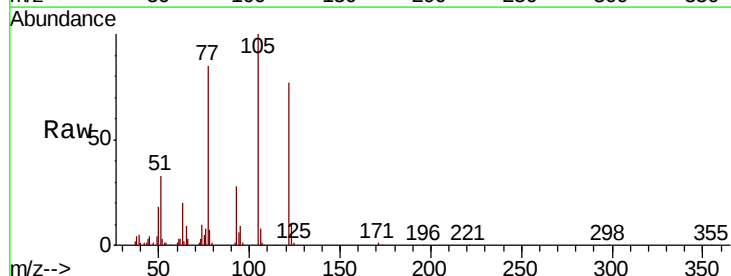
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#32
Benzoic acid
Concen: 50.109 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	103015		
105	129.1	107.9	147.9	
77	109.2	78.9	118.9	





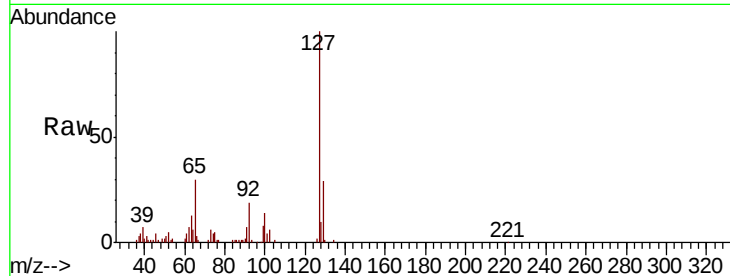
#33
4-Chloroaniline
Concen: 16.205 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.4	24.7	37.1		
65	30.3	26.2	39.2		
92	18.7	17.9	26.9		

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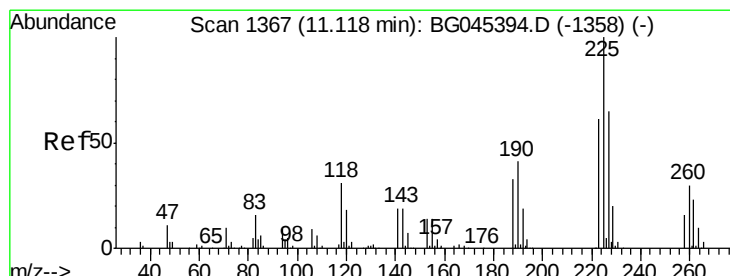
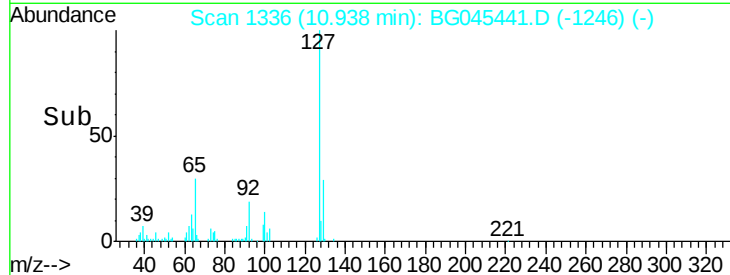
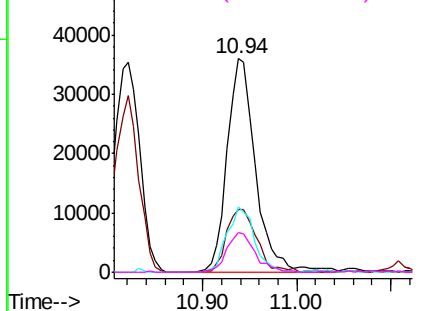
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

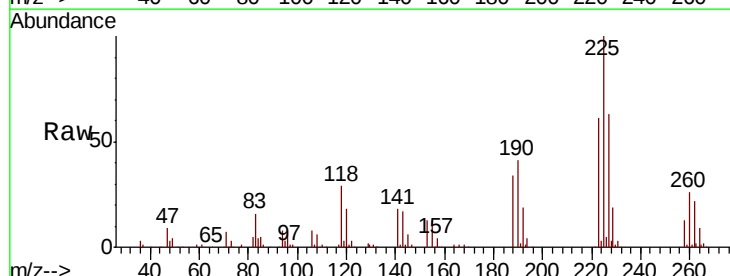
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.472 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	49.1	73.7		
227	63.0	52.0	78.0		

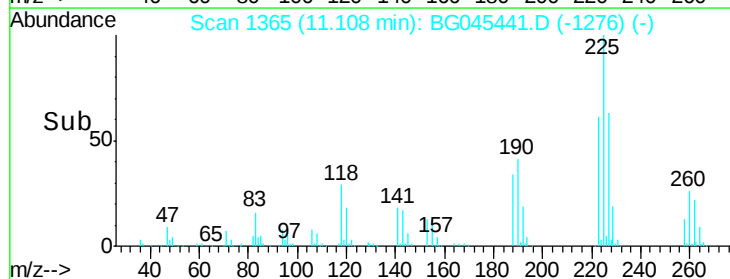
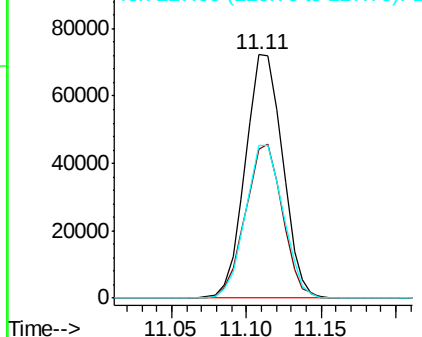


Abundance

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: 47.098 ng/ml

RT: 11.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

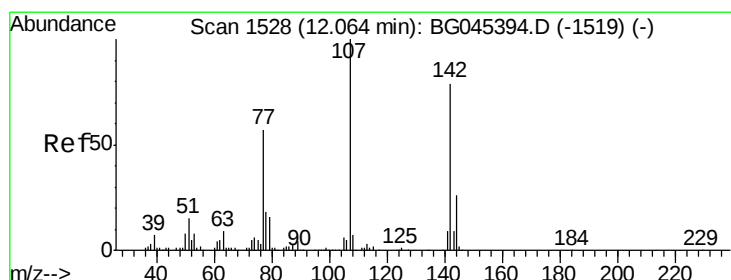
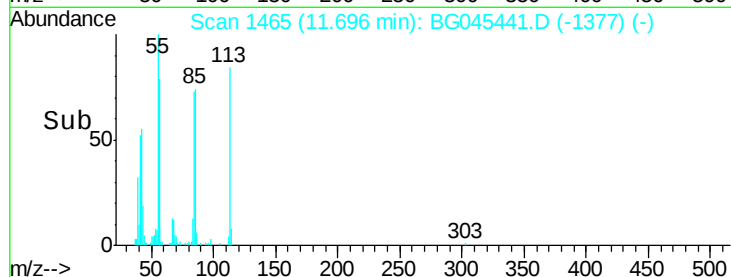
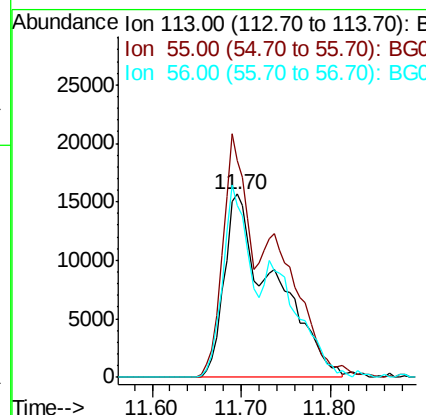
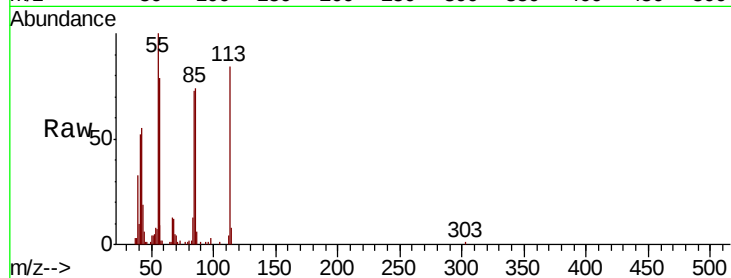
ClientSampled :

PB129042BS

Tot Ion:	113	Resp:	61029
Ion	Ratio	Lower	Upper
113	100		
55	118.8	96.0	136.0
56	94.2	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 49.861 ng/ml

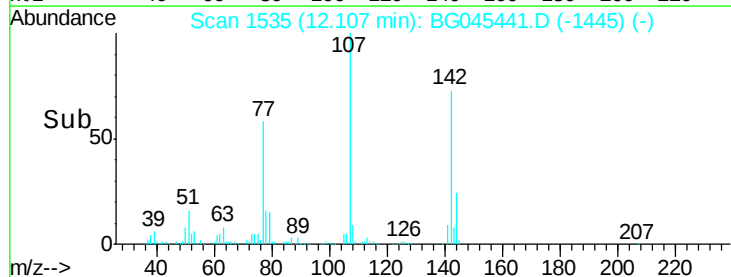
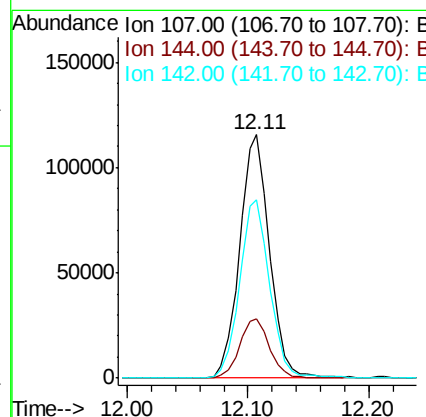
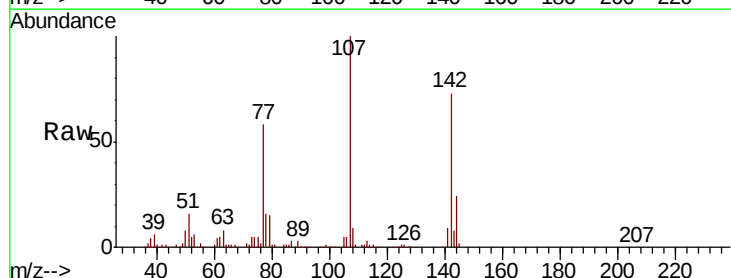
RT: 12.11 min Scan# 1535

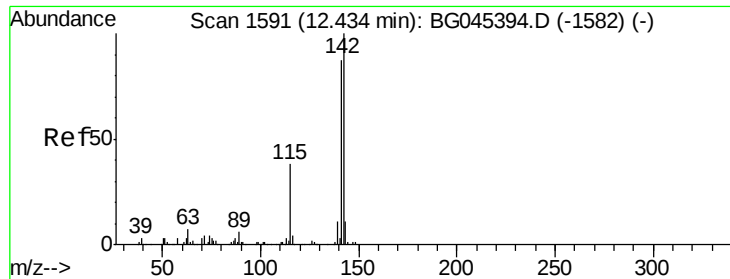
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	107	Resp:	198350
Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.8	31.2
142	73.0	62.8	94.2





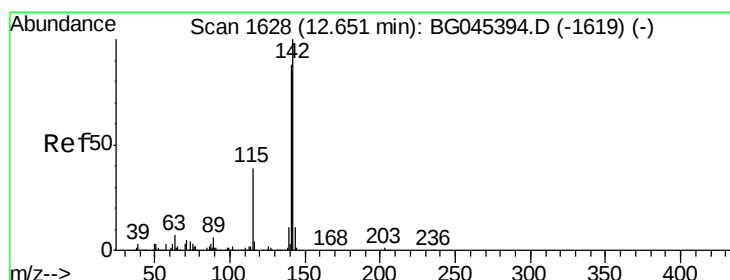
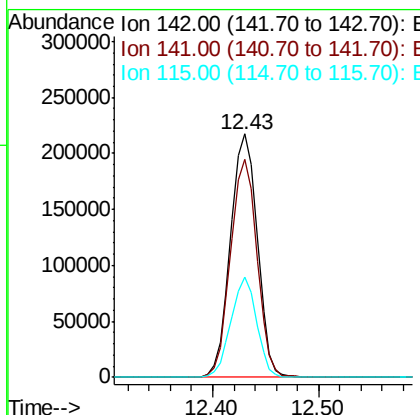
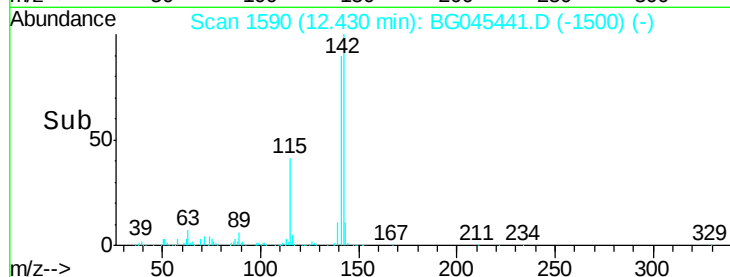
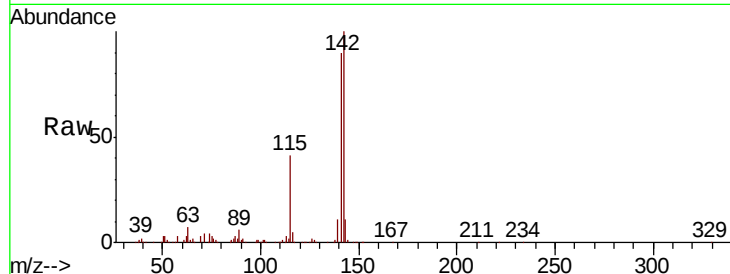
#37
2-Methylnaphthalene
Concen: 45.821 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	41.0	30.8	46.2

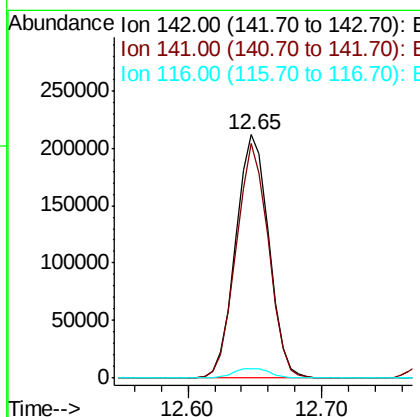
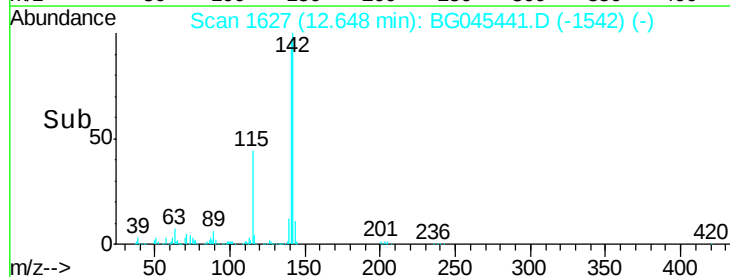
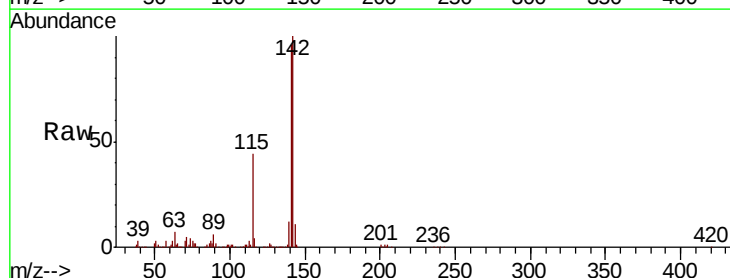
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#38
1-Methylnaphthalene
Concen: 46.009 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	70.8	106.2
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

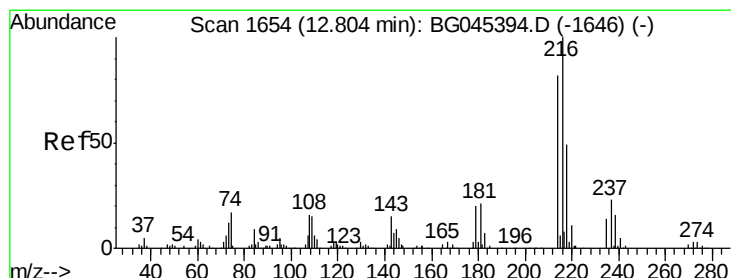
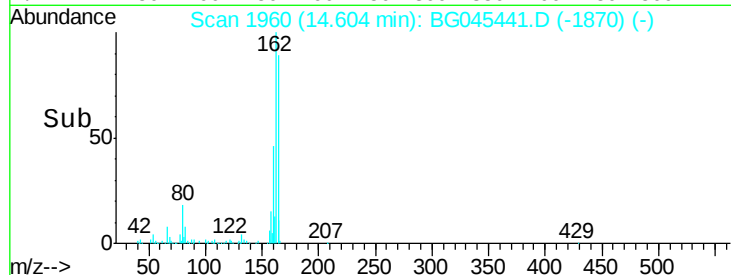
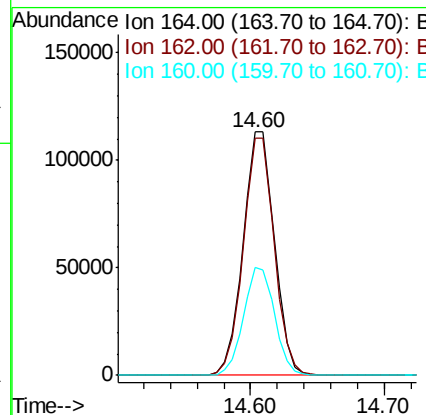
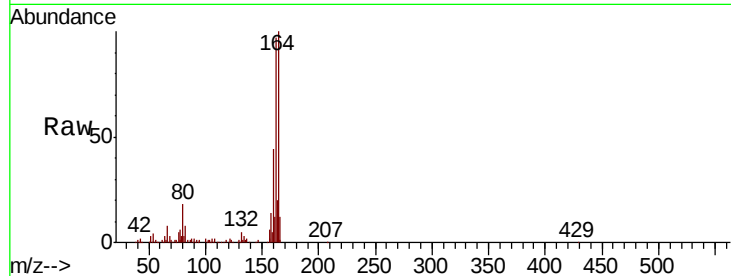
ClientSampleId :

PB129042BS

Tot Ion:	164	Resp:	182316
Ion Ratio	Lower	Upper	
164	100		
162	97.3	76.9	115.3
160	44.4	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.423 ng

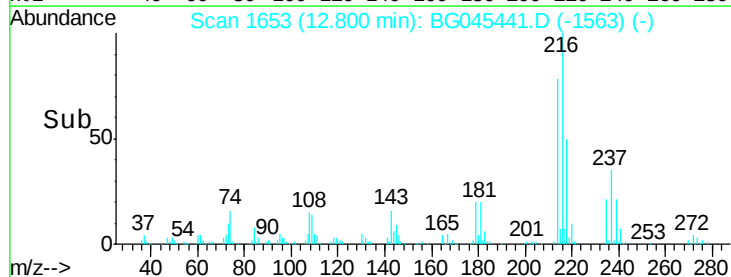
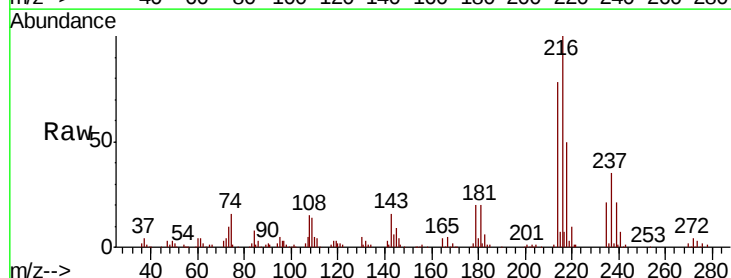
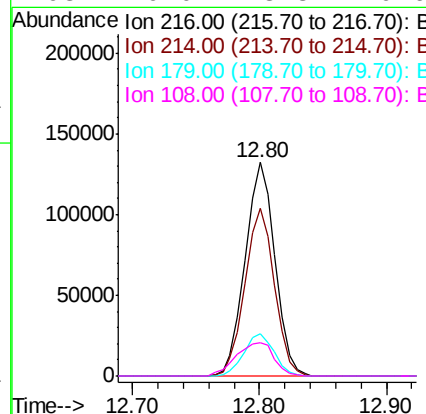
RT: 12.80 min Scan# 1653

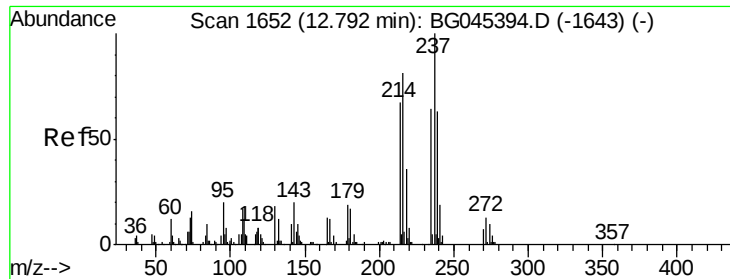
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	216	Resp:	216032
Ion Ratio	Lower	Upper	
216	100		
214	77.5	63.7	95.5
179	19.7	16.1	24.1
108	20.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 97.447 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

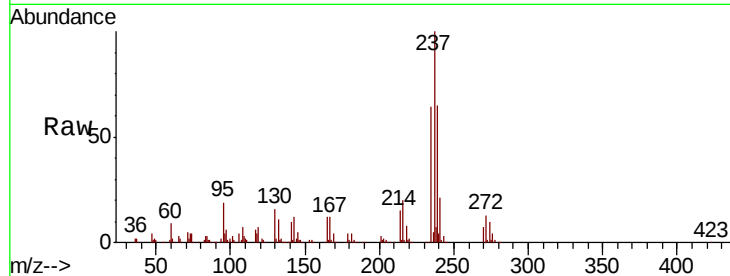
ClientSampleId :

PB129042BS

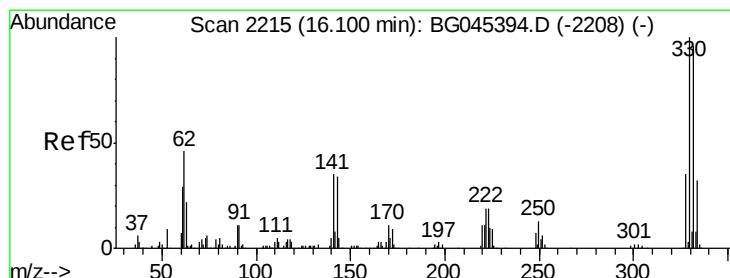
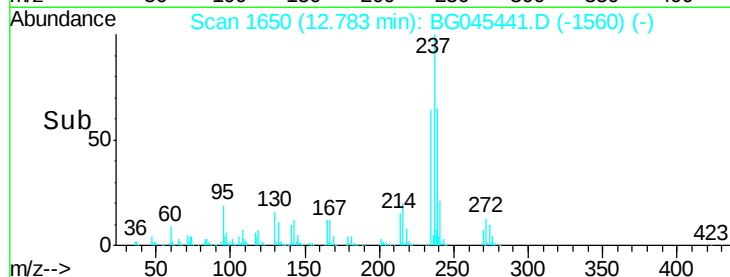
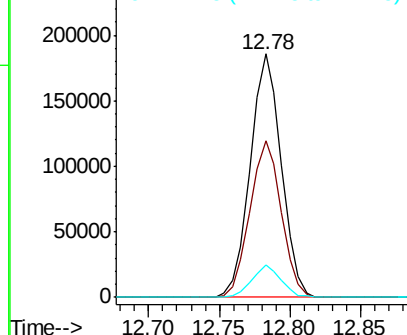
Tot Ion:	237	Resp:	286418
Ion Ratio	Lower	Upper	
237	100		
235	64.3	44.4	84.4
272	13.2	0.0	32.5

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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: 137.716 ng

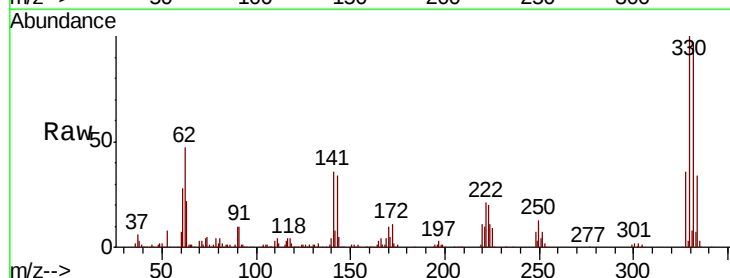
RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

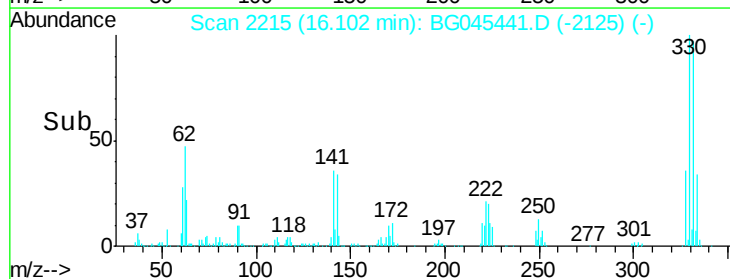
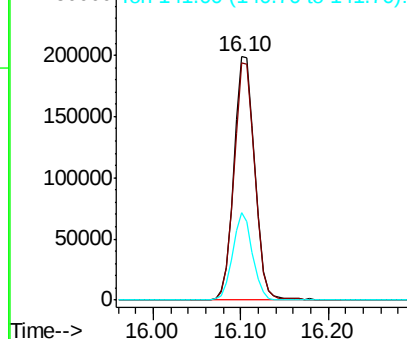
Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	330	Resp:	321101
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.2	117.4
141	34.1	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





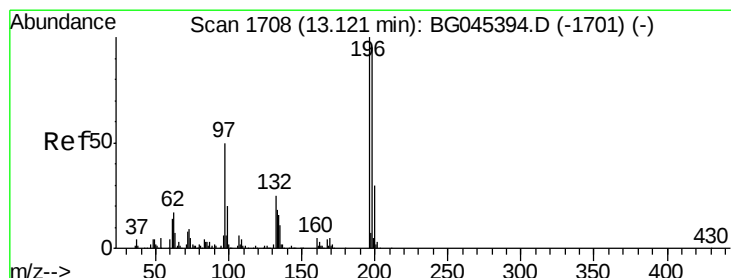
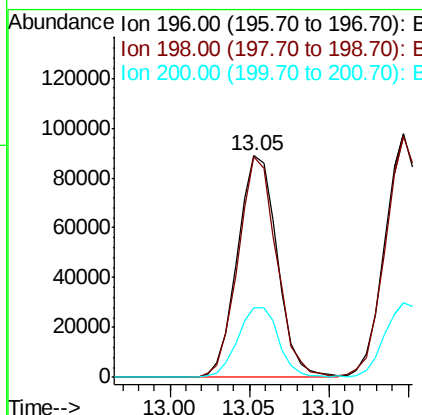
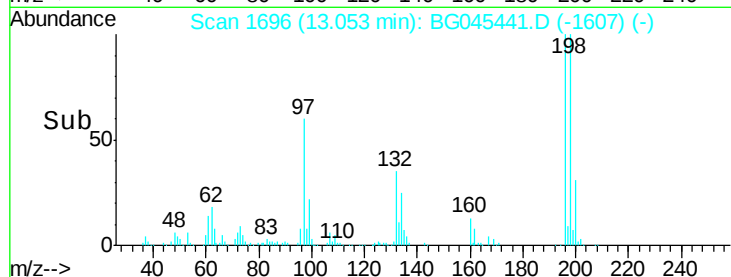
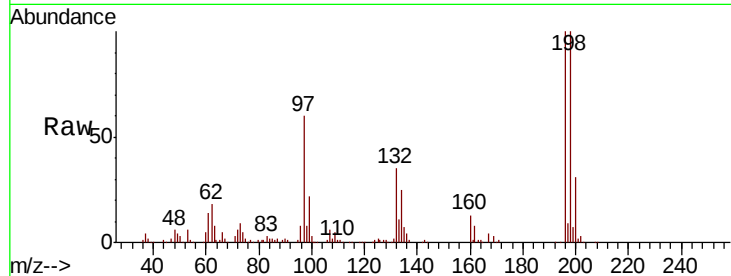
#43
 2,4,6-Trichlorophenol
 Concen: 43.780 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154871		
198	99.6	76.7	115.1	
200	31.5	24.9	37.3	

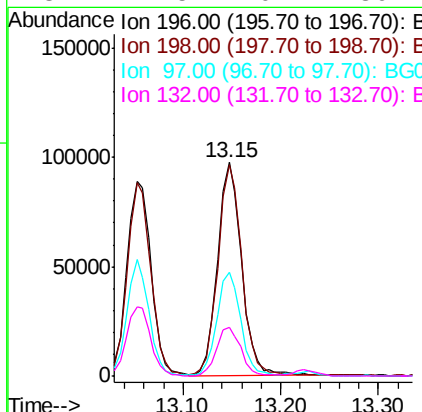
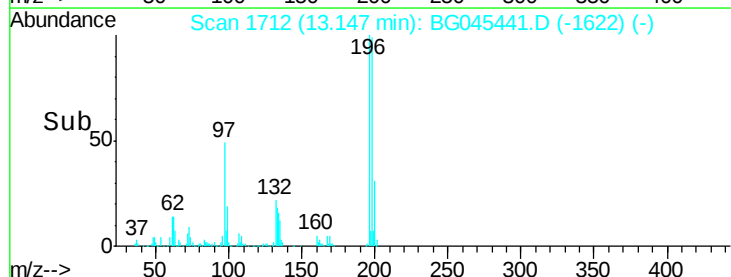
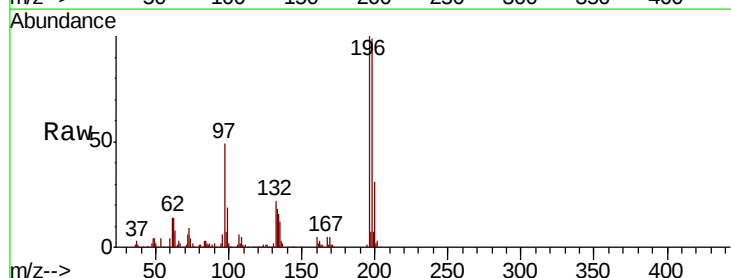
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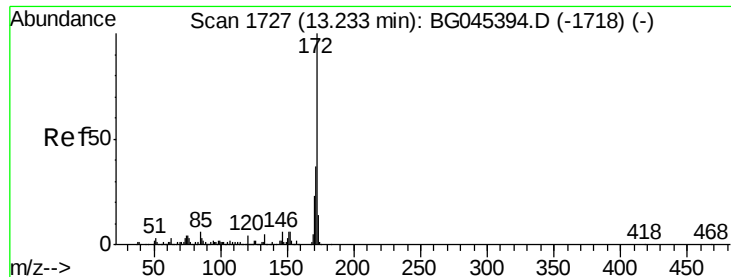
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#44
 2,4,5-Trichlorophenol
 Concen: 41.374 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167252		
198	99.0	76.1	114.1	
97	48.8	40.0	60.0	
132	22.5	20.2	30.2	





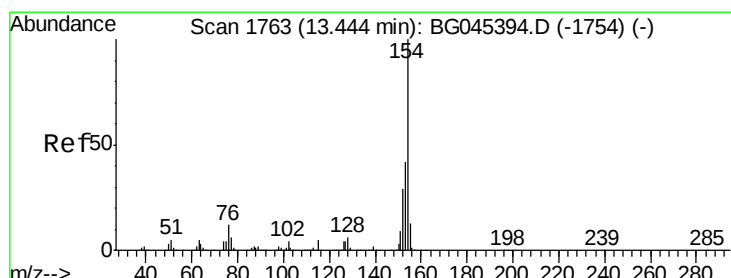
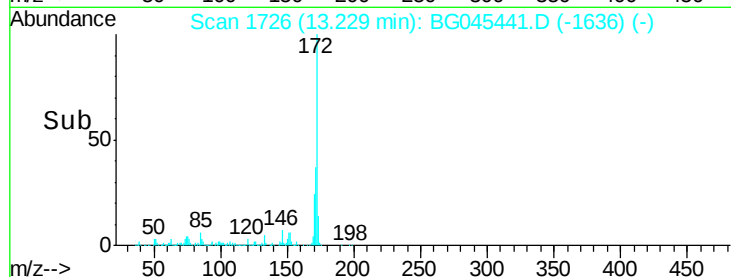
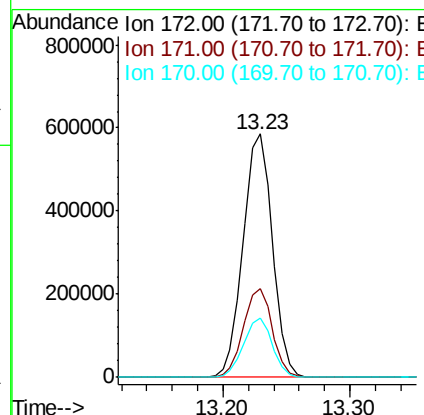
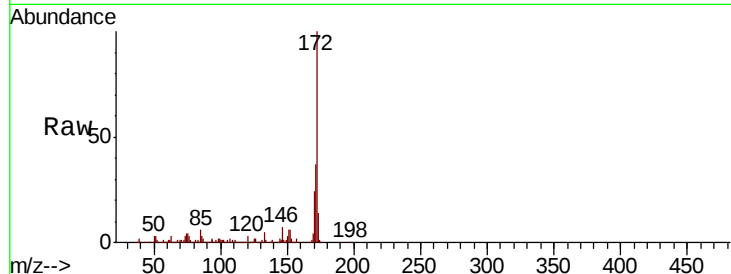
#45
2-Fluorobiphenyl
Concen: 87.268 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		937996		
171	36.5		29.5	44.3	
170	24.3		18.5	27.7	

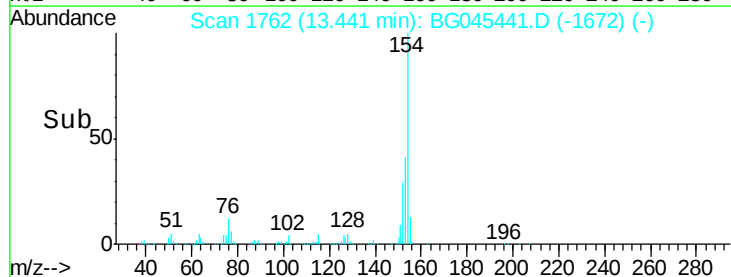
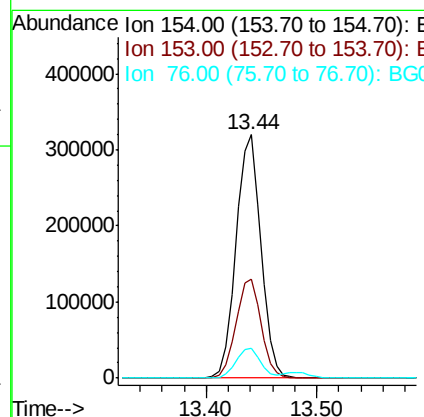
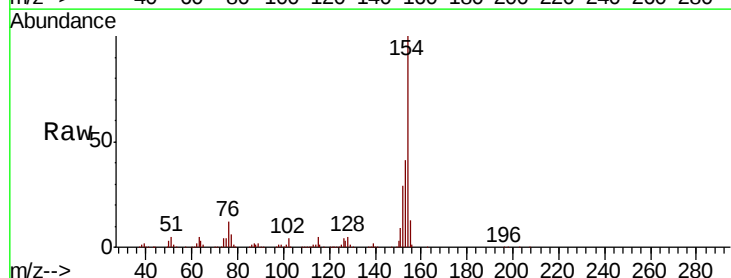
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#46
1,1'-Biphenyl
Concen: 45.082 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		505030		
153	40.5		22.2	62.2	
76	12.4		0.0	32.4	





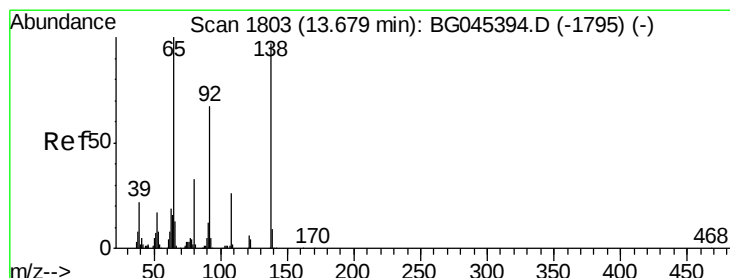
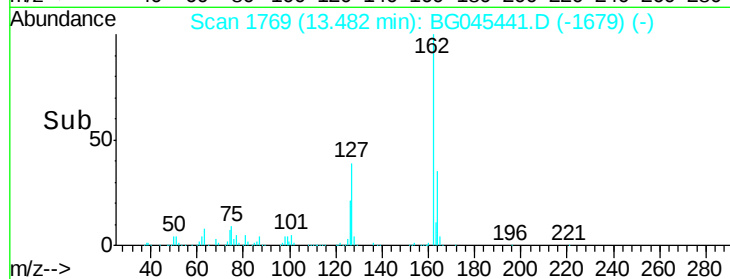
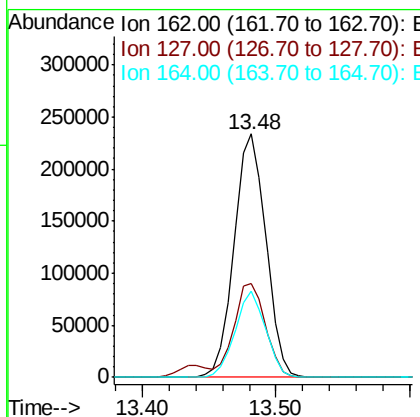
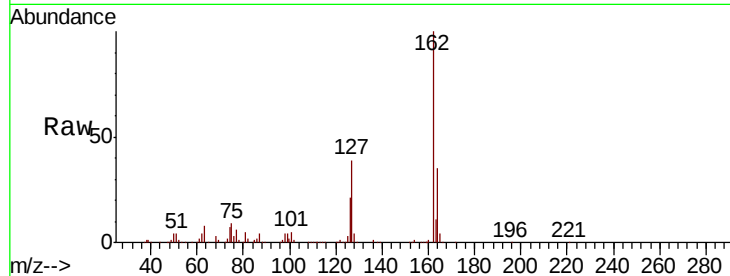
#47
2-Chloronaphthalene
Concen: 42.450 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		386161		
127	38.8		31.6	47.4	
164	35.5		28.1	42.1	

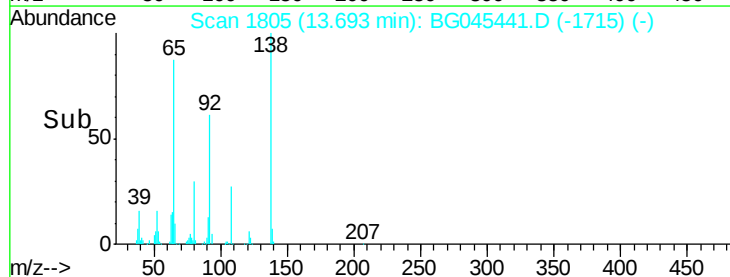
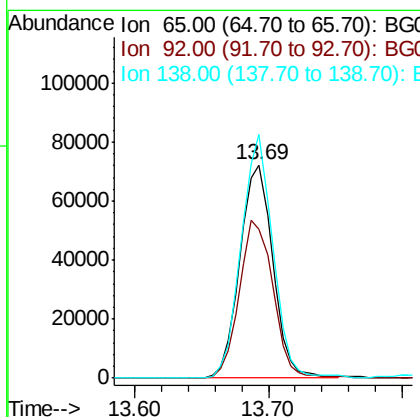
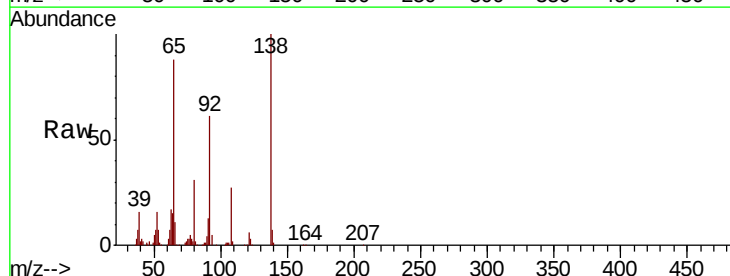
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#48
2-Nitroaniline
Concen: 41.230 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		123374		
92	70.0		53.8	80.8	
138	114.2		77.9	116.9	





#49

Acenaphthylene

Concen: 44.909 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

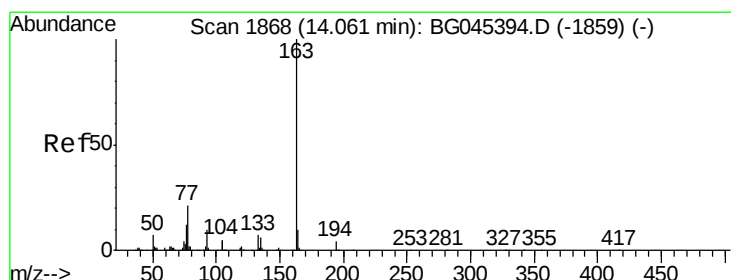
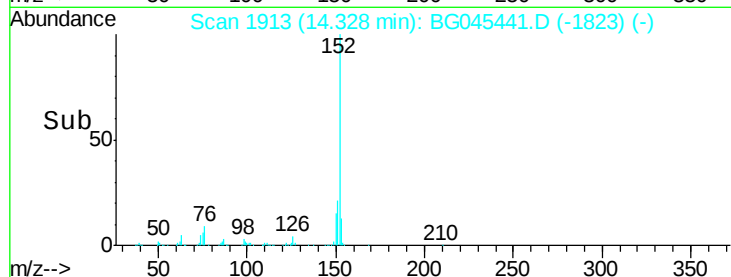
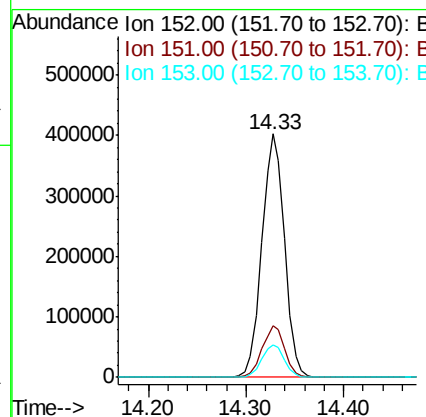
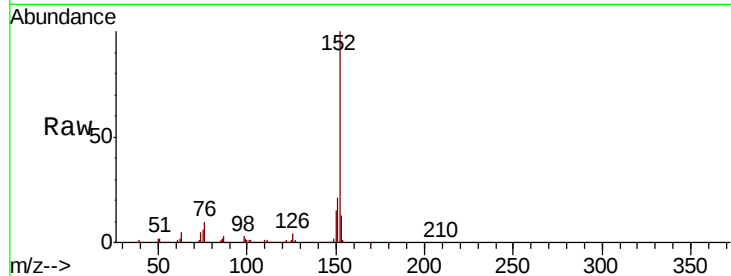
ClientSampleId :

PB129042BS

Tot Ion:	152	Resp:	656208
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.4	26.2
153	13.2	10.7	16.1

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#50

Dimethylphthalate

Concen: 43.640 ng

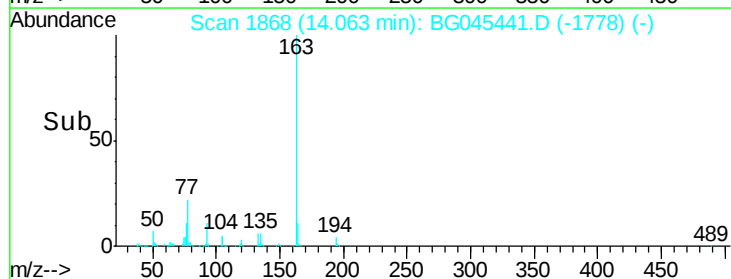
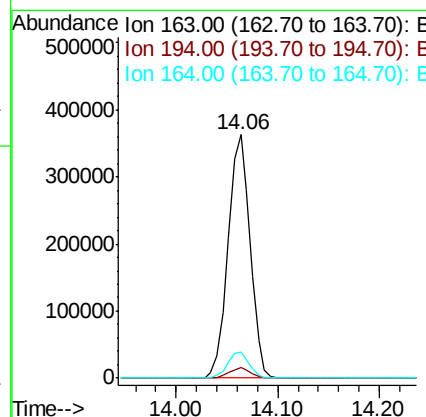
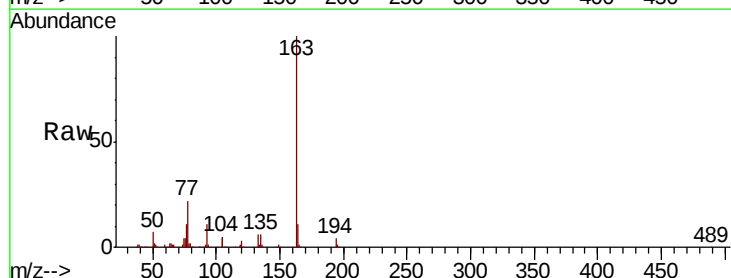
RT: 14.06 min Scan# 1868

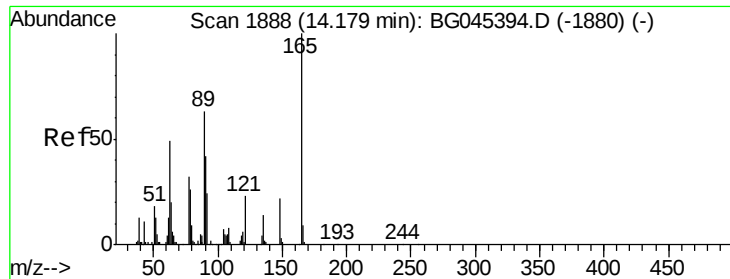
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	163	Resp:	545796
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.2	4.8
164	10.7	8.3	12.5





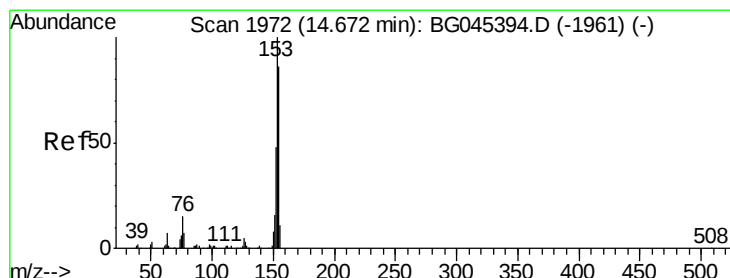
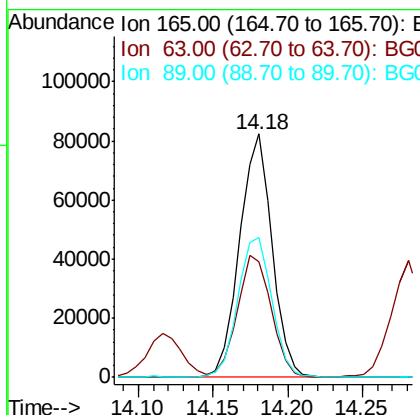
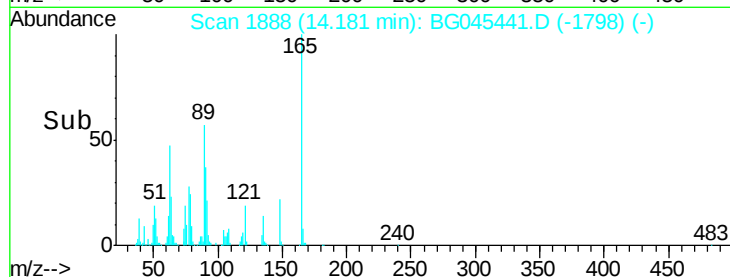
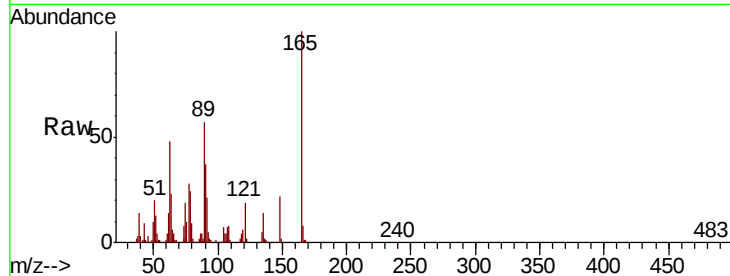
#51
2,6-Dinitrotoluene
Concen: 43.902 ng
RT: 14.18 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampled :
PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	45.0	67.4	
89	57.3	50.2	75.4	

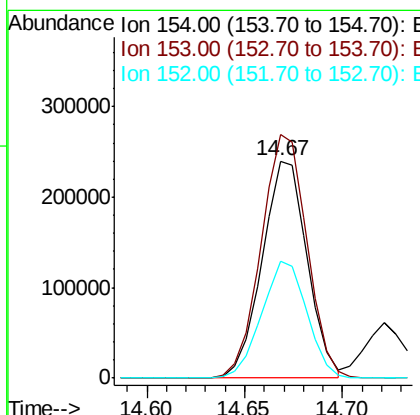
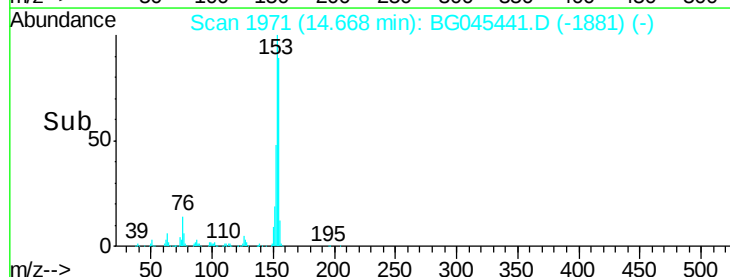
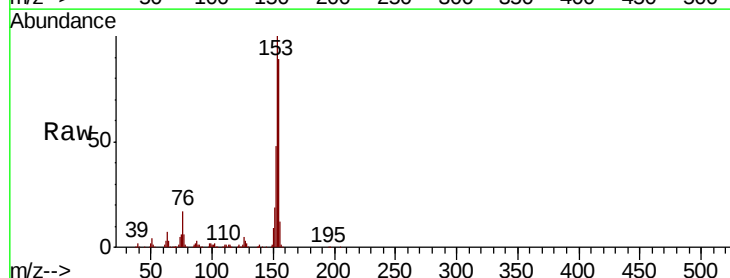
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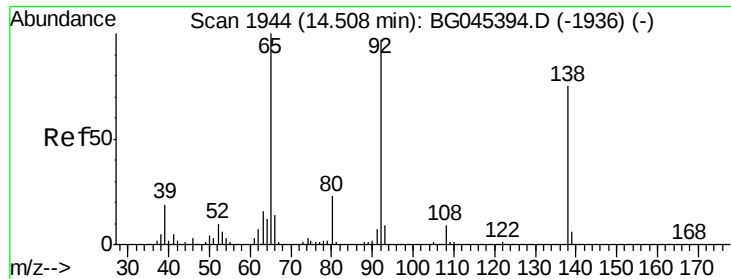
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#52
Acenaphthene
Concen: 39.086 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.2	92.8	139.2	
152	53.7	44.6	66.8	





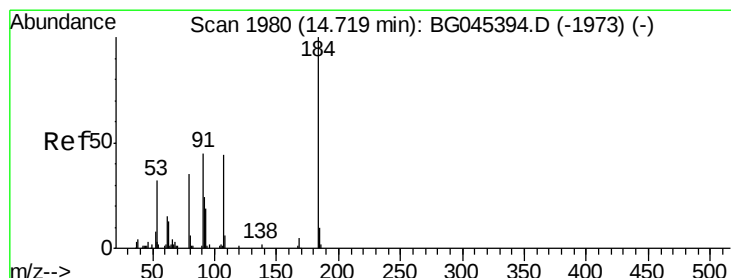
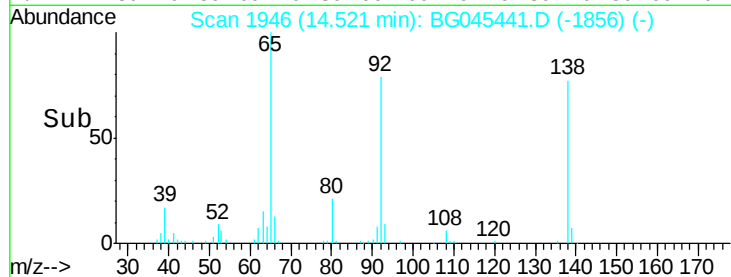
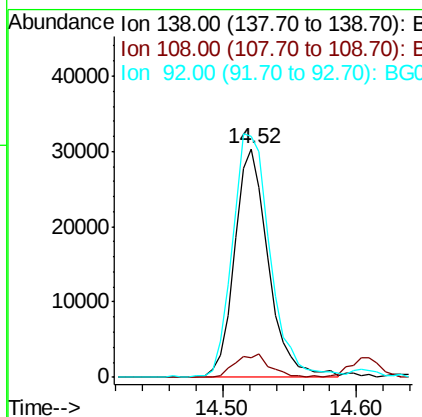
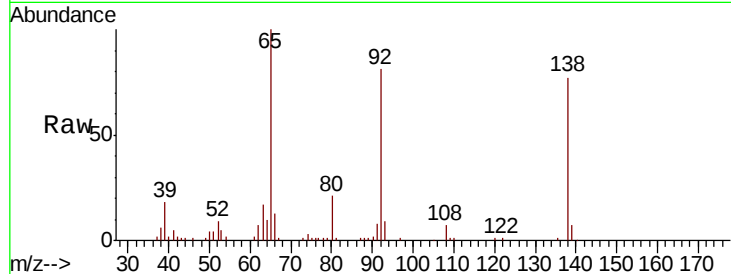
#53
 3-Nitroaniline
 Concen: 18.574 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.7	9.8	14.6#
92	105.8	103.0	154.4

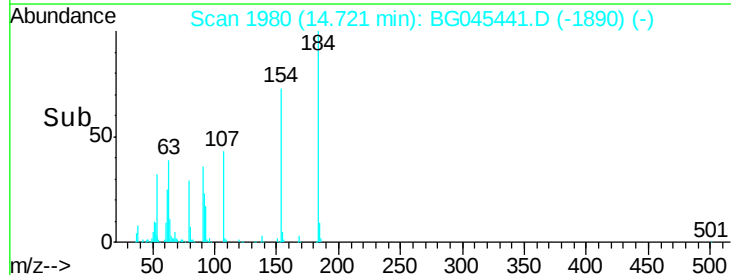
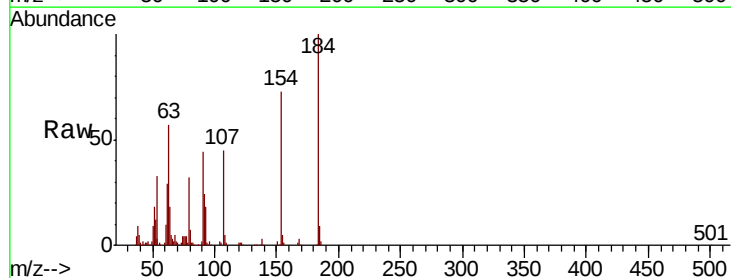
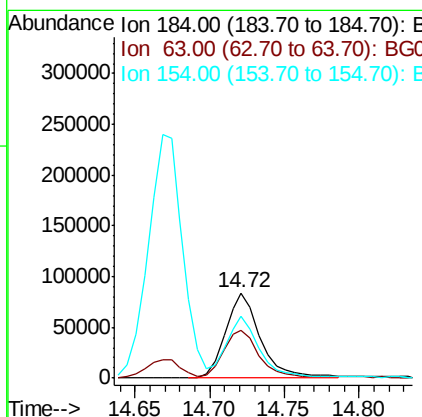
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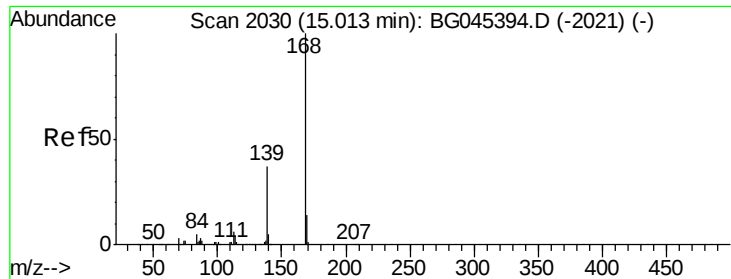
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#54
 2,4-Dinitrophenol
 Concen: 75.006 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	47.8	71.6
154	72.9	58.3	87.5





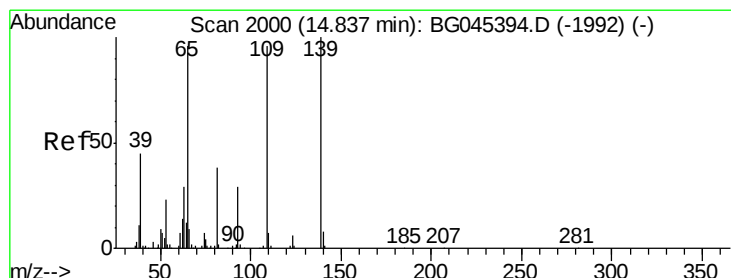
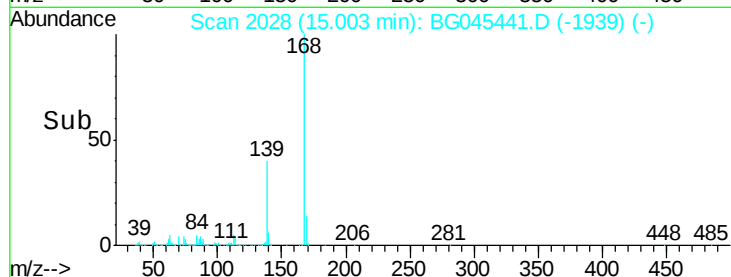
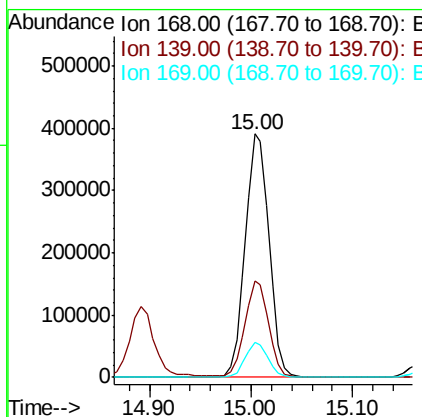
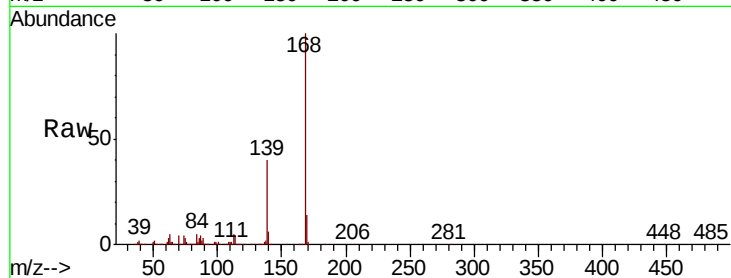
#55
Dibenzofuran
Concen: 43.765 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	29.9	44.9	
169	14.2	10.9	16.3	

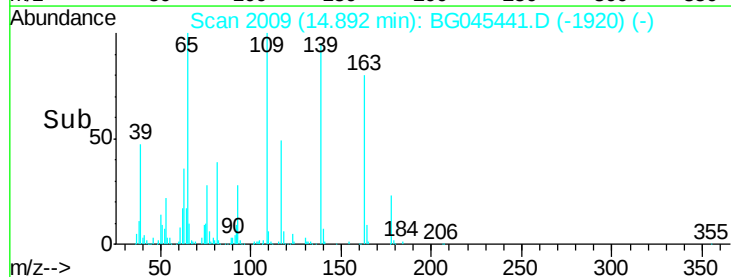
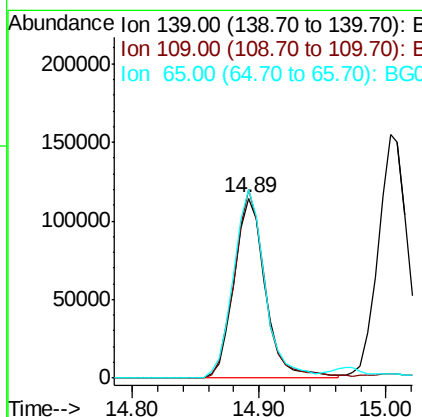
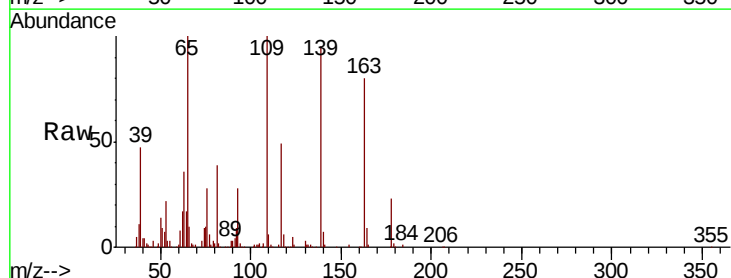
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#56
4-Nitrophenol
Concen: 90.318 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.5	75.6	115.6	
65	104.9	76.8	116.8	





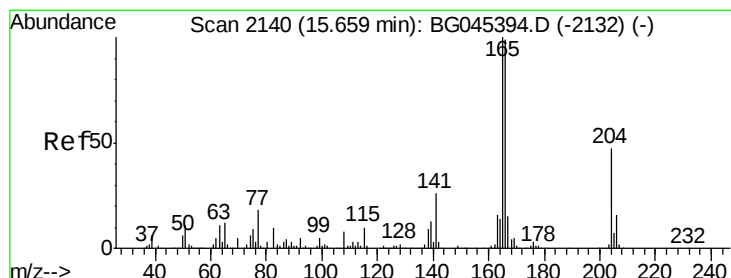
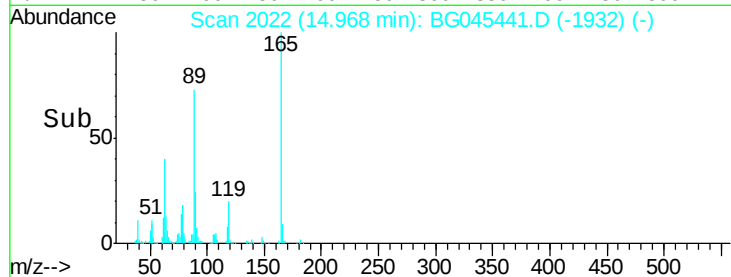
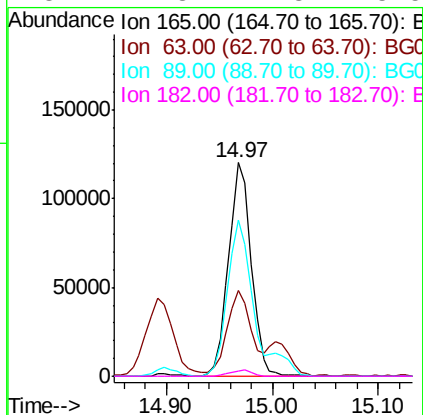
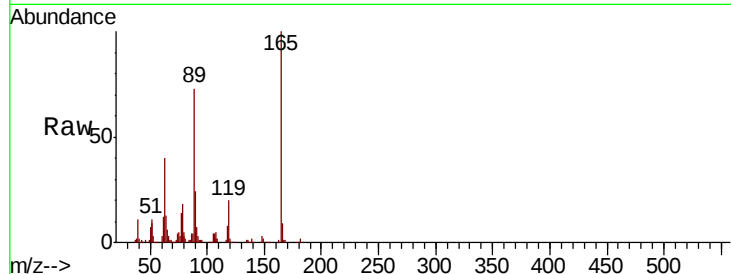
#57
2,4-Dinitrotoluene
Concen: 43.814 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179079		
63	40.4	32.5	48.7		
89	73.1	61.8	92.6		
182	2.3	2.3	3.5		

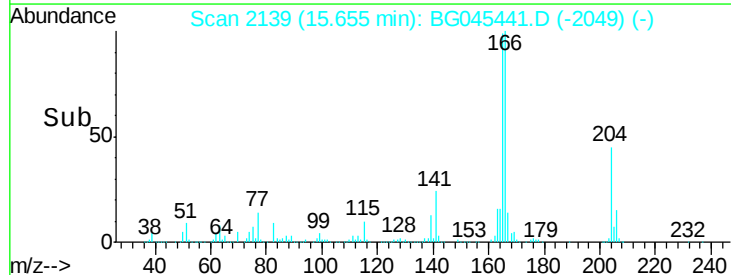
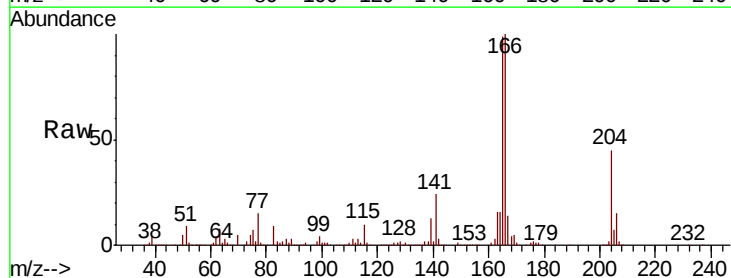
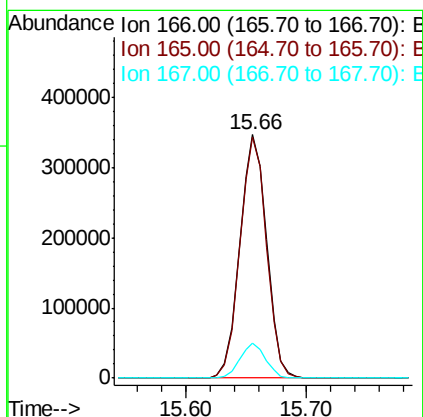
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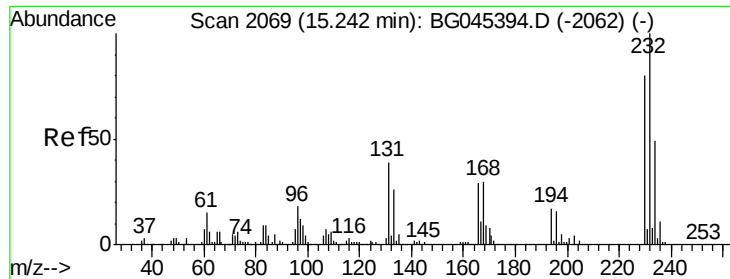
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#58
Fluorene
Concen: 44.946 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		536332		
165	99.1	80.8	121.2		
167	14.2	12.0	18.0		





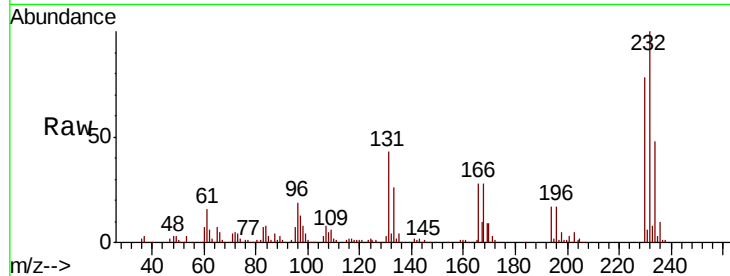
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.423 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

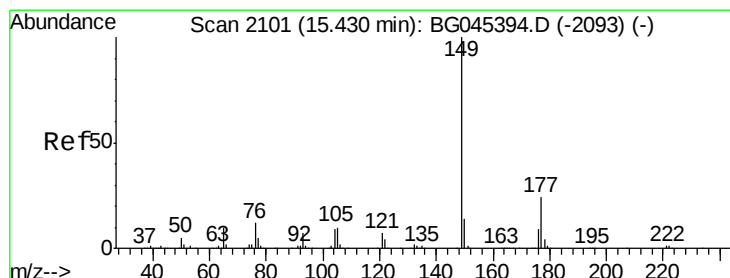
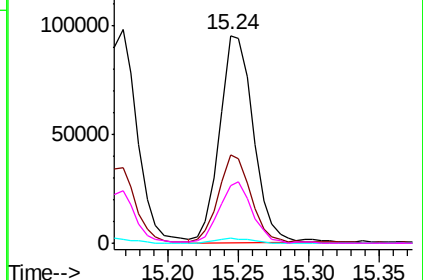
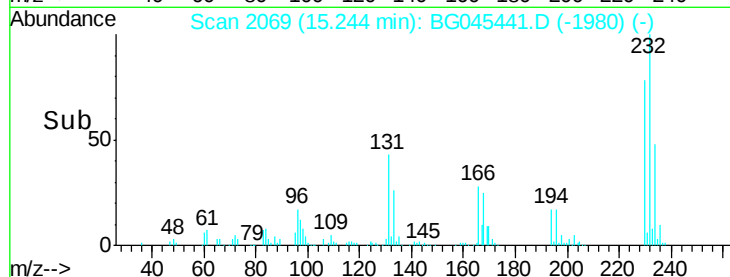
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		157986		
131	41.3	33.7	50.5		
130	2.5	2.1	3.1		
166	28.7	23.2	34.8		

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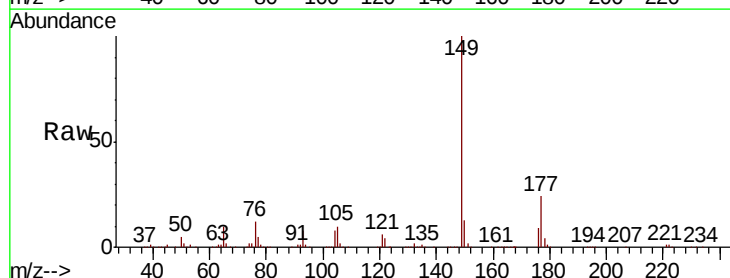


Abundance Ion 232.00 (231.70 to 232.70): E
 150000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

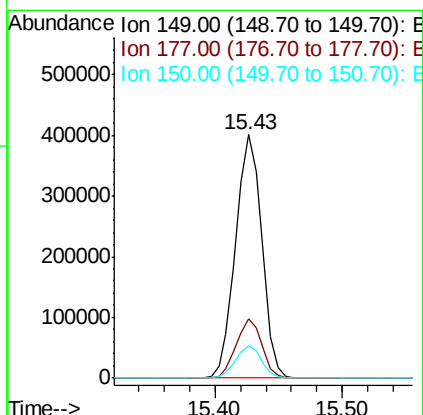
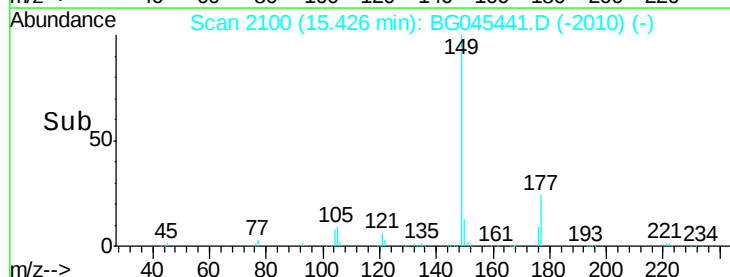


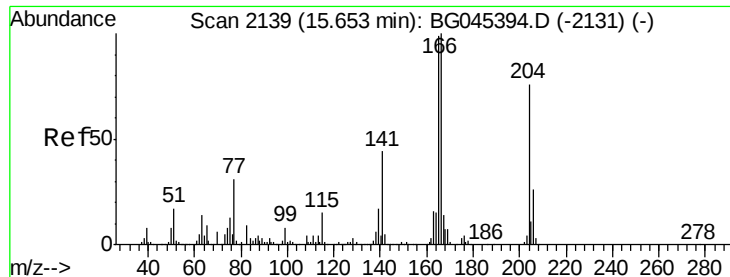
#60
 Diethylphthalate
 Concen: 43.969 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		572360		
177	24.4	19.0	28.4		
150	13.2	11.4	17.0		



Abundance Ion 149.00 (148.70 to 149.70): E
 500000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





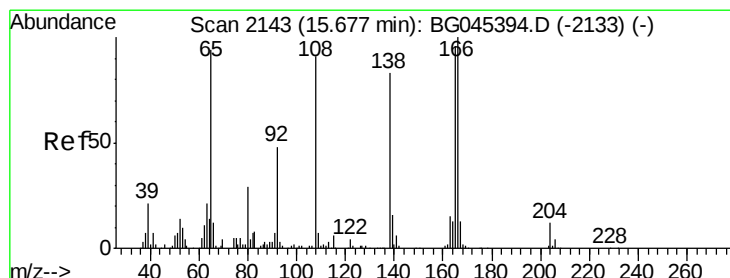
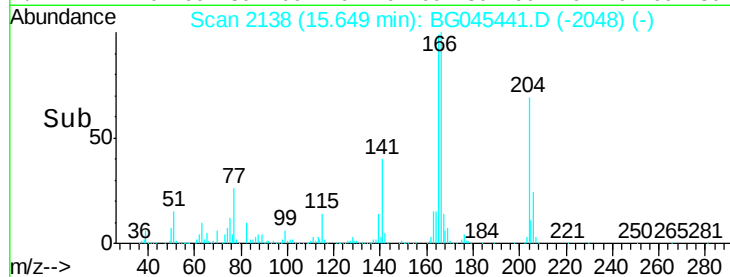
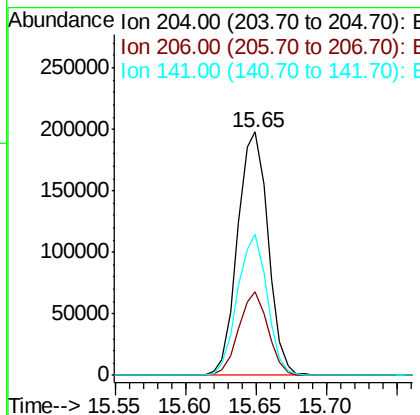
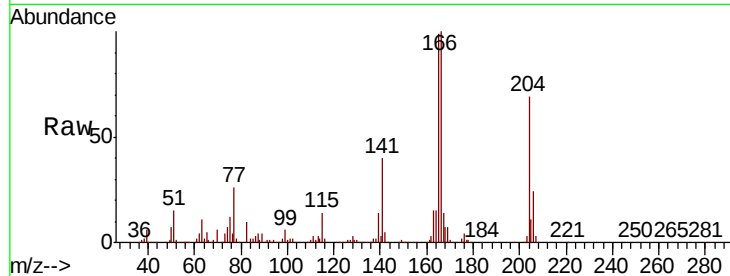
#61
4-Chlorophenyl-phenylether
Concen: 43.784 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampled :
PB129042BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	298977		
206	34.4	27.3	40.9	
141	57.8	45.9	68.9	

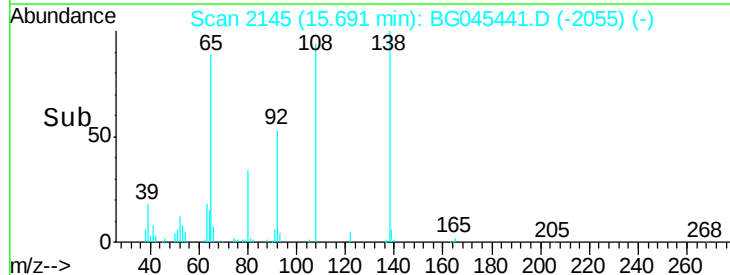
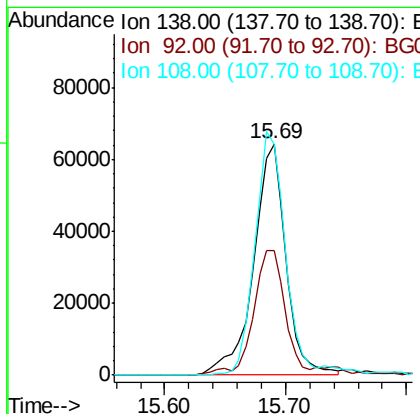
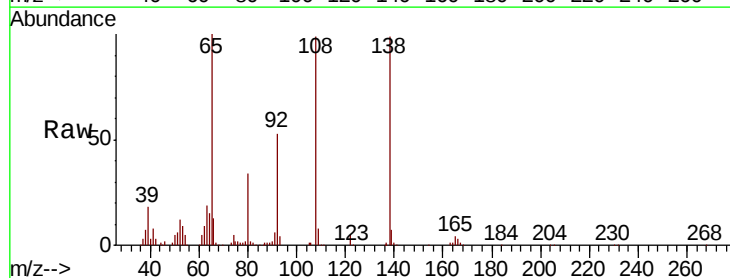
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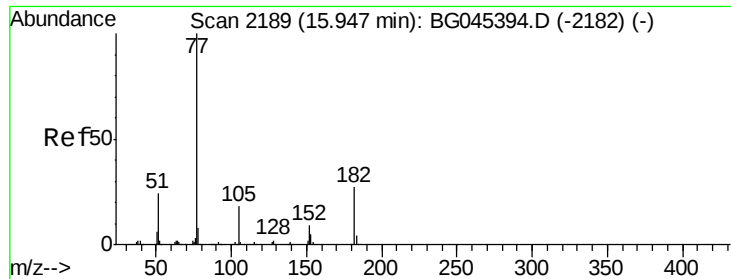
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#62
4-Nitroaniline
Concen: 39.944 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	119631		
92	53.6	38.0	78.0	
108	99.7	89.3	129.3	





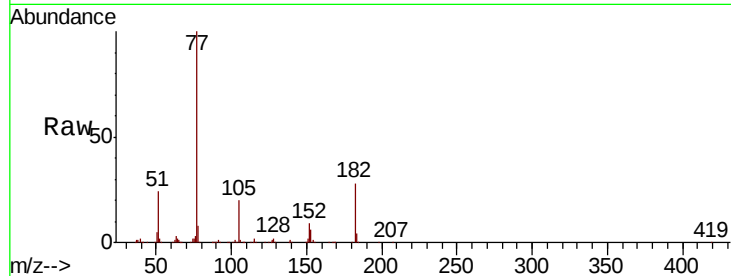
#63
Azobenzene
Concen: 43.645 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampled :
PB129042BS

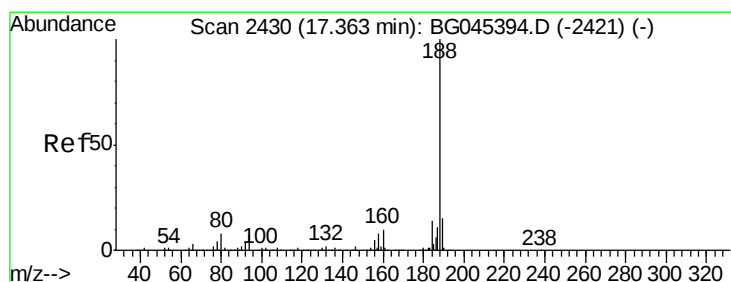
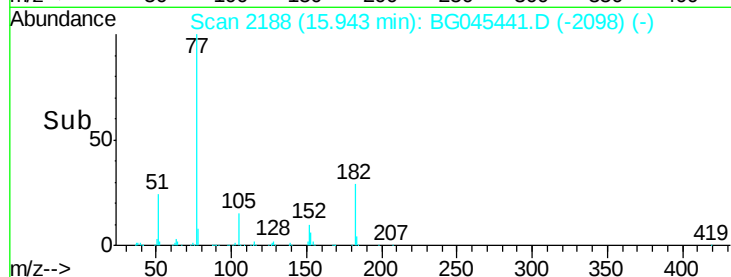
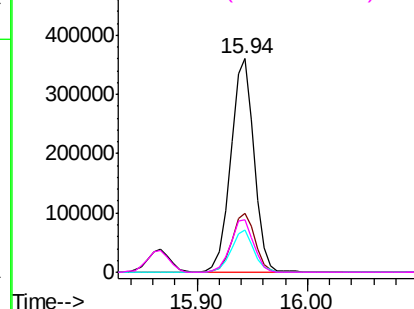
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.8	6.5	46.5		
105	19.6	0.0	37.9		
51	24.3	4.1	44.1		

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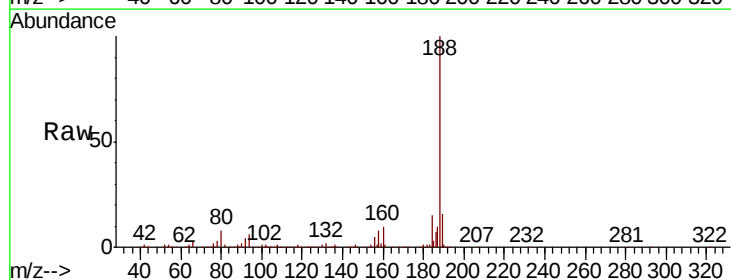


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

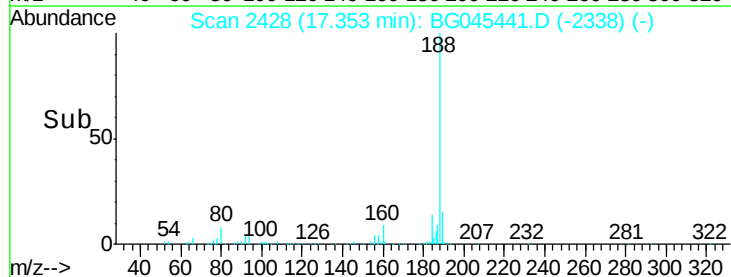
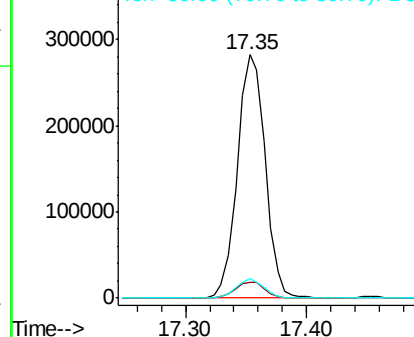


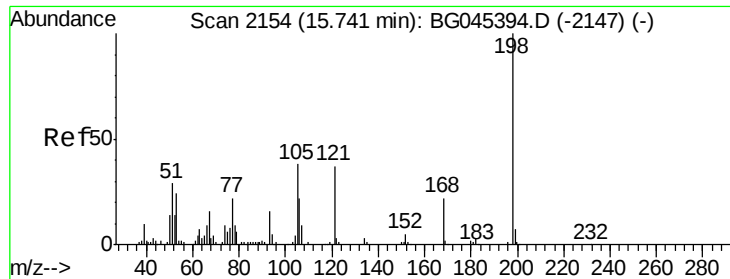
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.2	5.5	8.3		
80	8.0	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: 42.336 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampled :

PB129042BS

Tot Ion:198 Resp: 112003

Ion Ratio Lower Upper

198 100

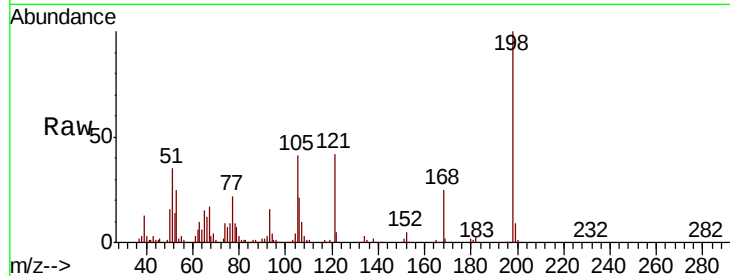
51 34.9 10.0 50.0

105 40.6 18.9 58.9

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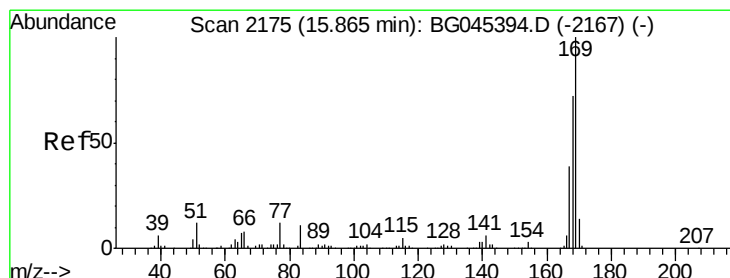
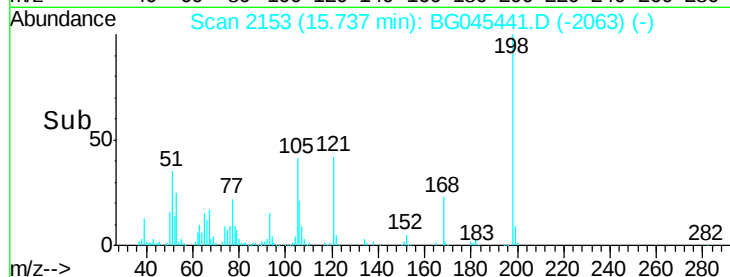
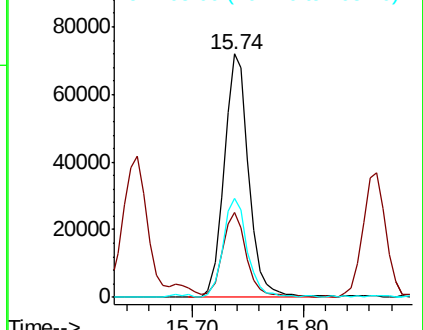
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.582 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

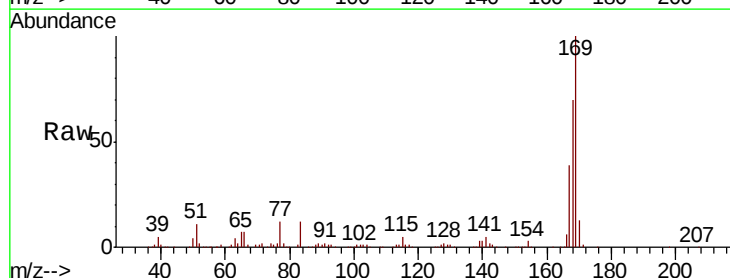
Tgt Ion:169 Resp: 475335

Ion Ratio Lower Upper

169 100

168 69.8 57.8 86.6

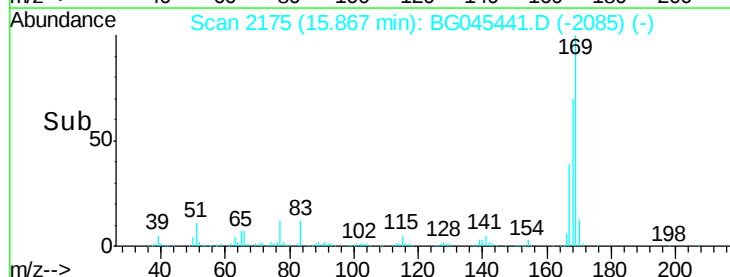
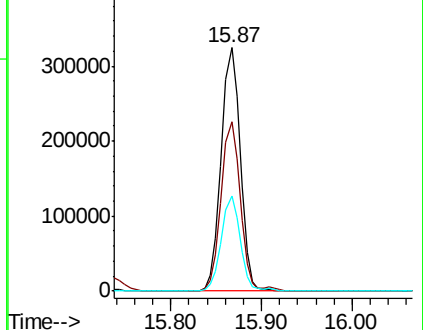
167 38.9 31.5 47.3

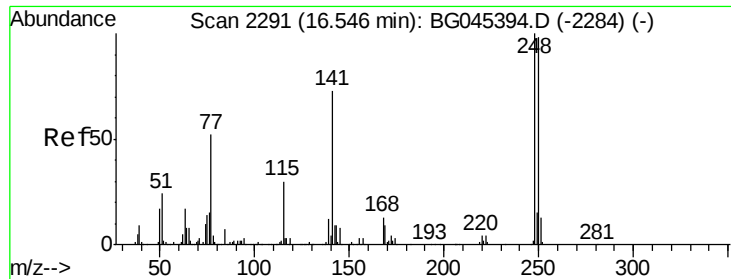


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





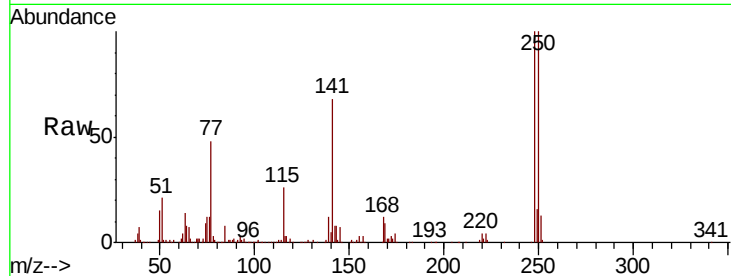
#67
4-Bromophenyl-phenylether
Concen: 42.348 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	68.2	58.2	87.2

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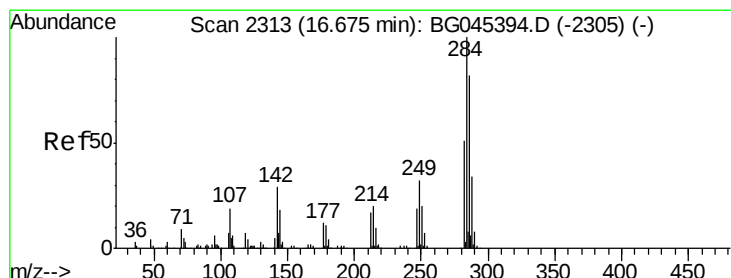
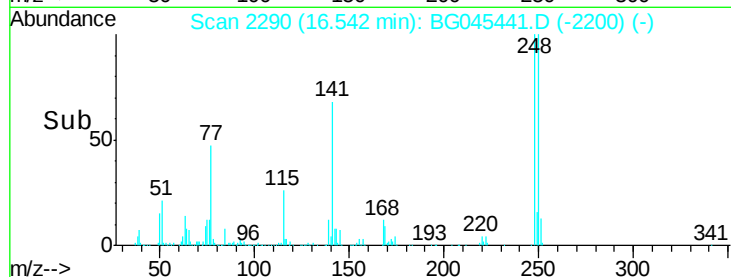
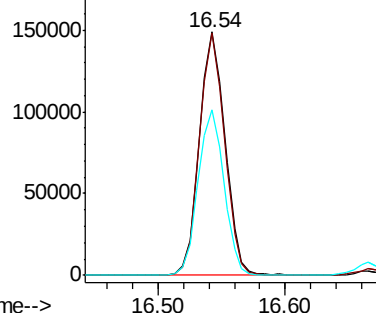


Abundance

Ion 248.00 (247.70 to 248.70): E

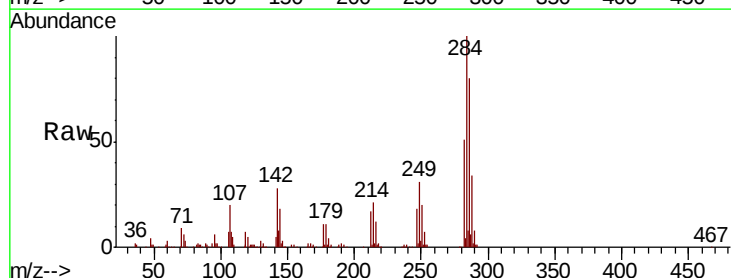
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.207 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	23.0	34.6
249	31.5	25.8	38.6

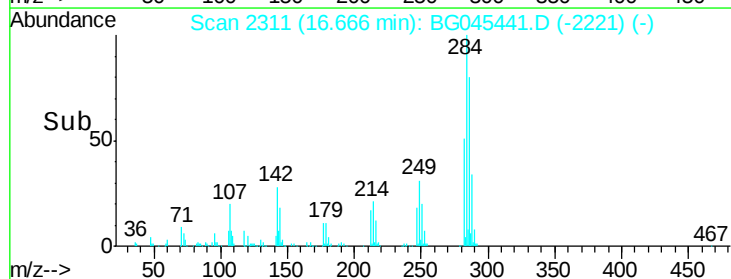
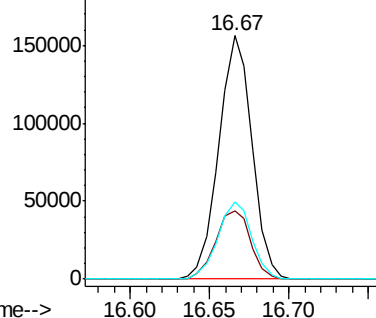


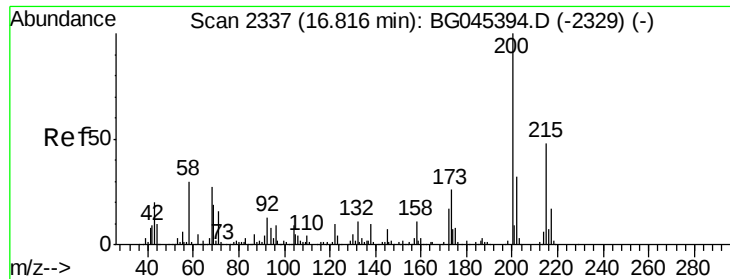
Abundance

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: 41.159 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

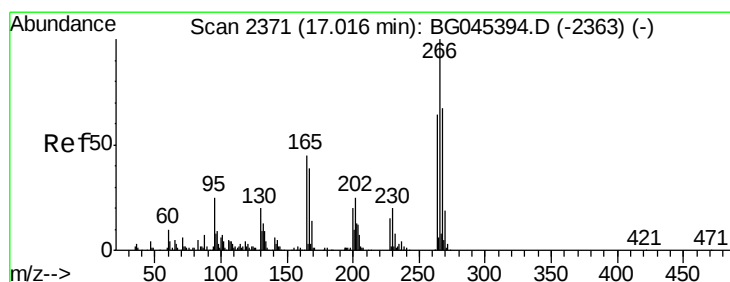
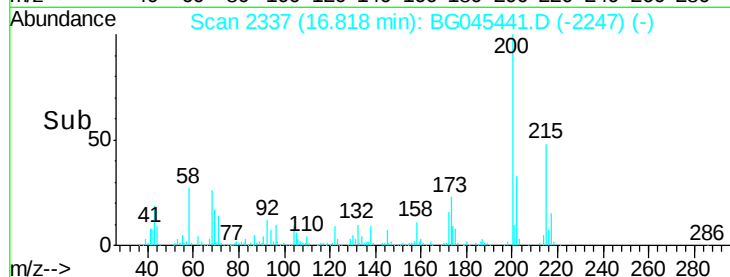
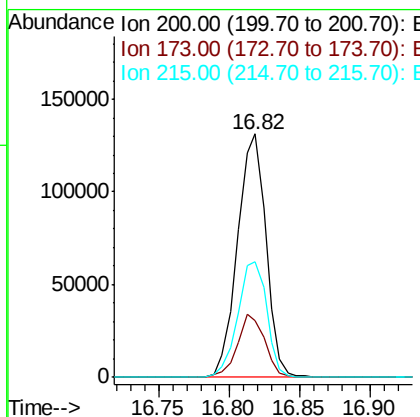
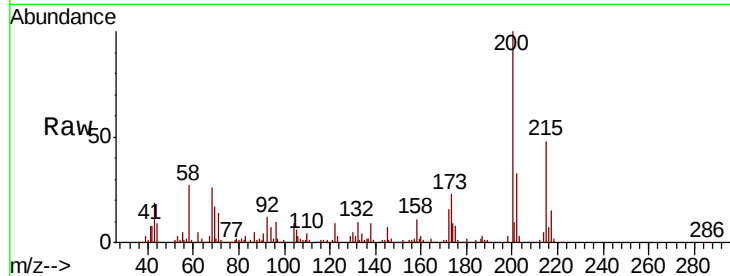
ClientSampleId :

PB129042BS

Tot Ion:	200	Resp:	184900
Ion Ratio	Lower	Upper	
200	100		
173	23.4	5.5	45.5
215	47.7	28.2	68.2

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#70

Pentachlorophenol

Concen: 86.863 ng

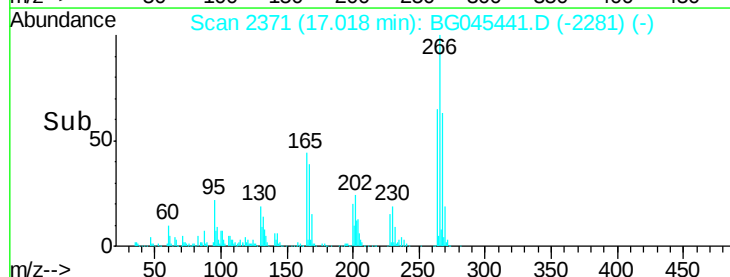
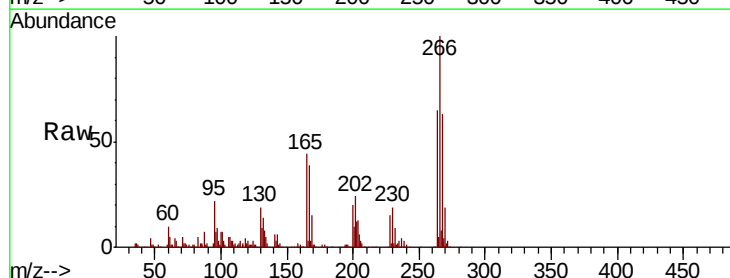
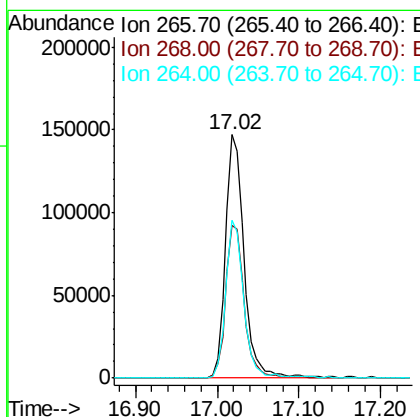
RT: 17.02 min Scan# 2371

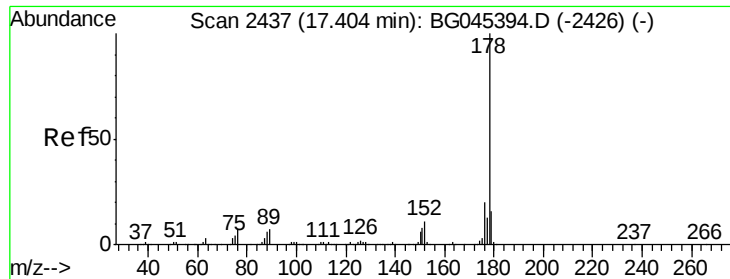
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion:	266	Resp:	232039
Ion Ratio	Lower	Upper	
266	100		
268	62.6	53.2	79.8
264	64.7	51.0	76.4





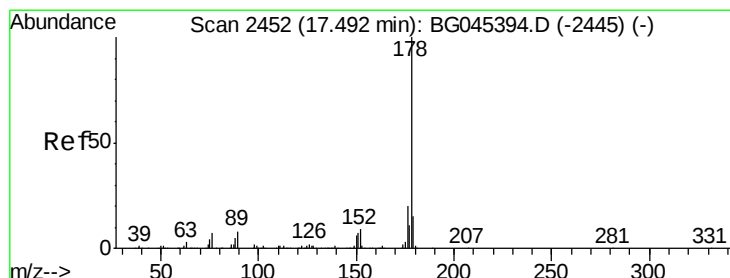
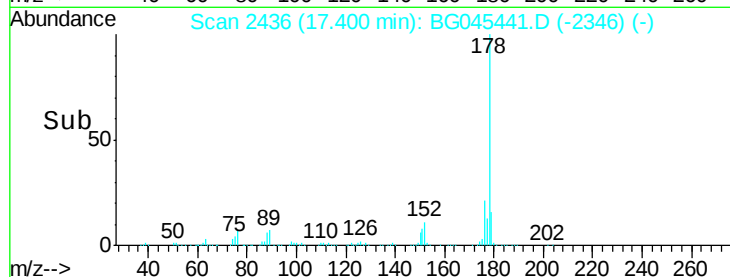
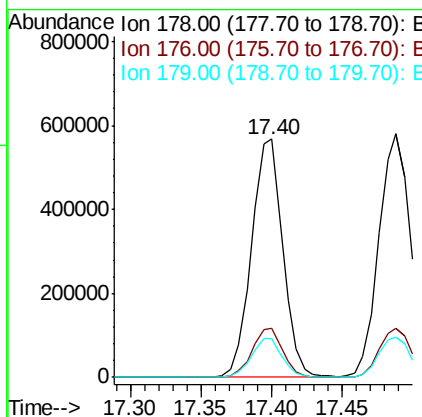
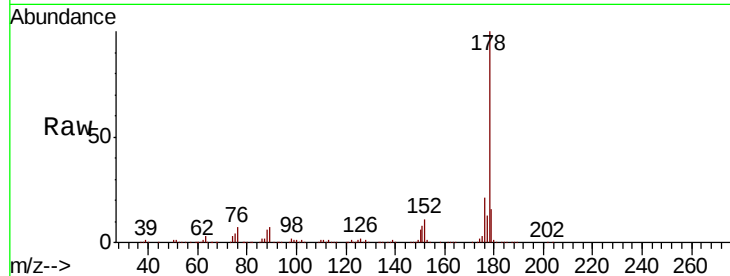
#71
Phenanthrene
Concen: 44.745 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.3	13.1	19.7

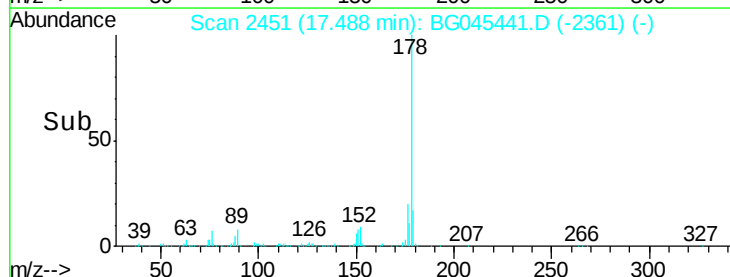
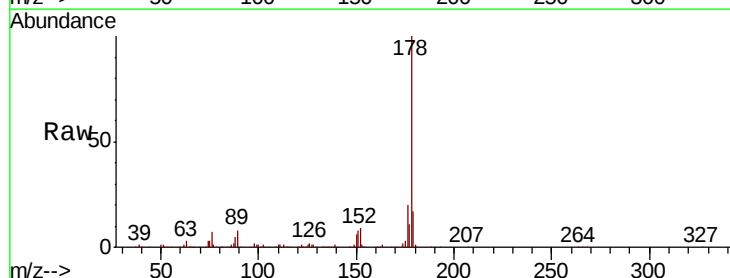
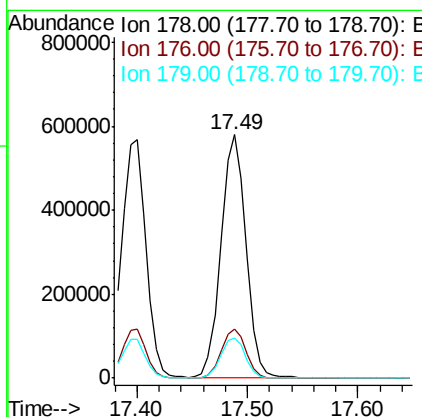
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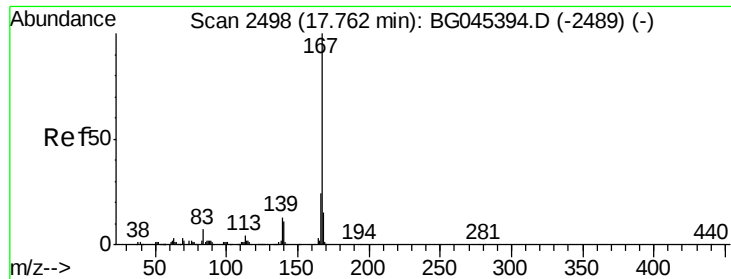
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#72
Anthracene
Concen: 45.973 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.7	12.2	18.4





#73

Carbazole

Concen: 43.492 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

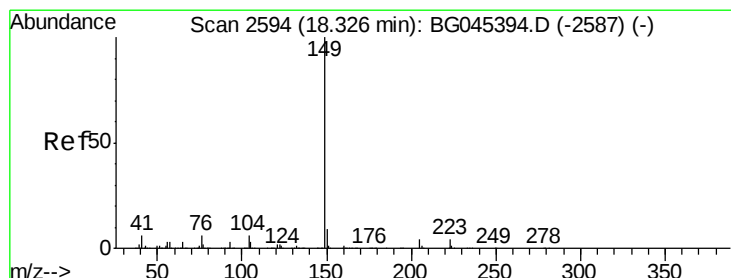
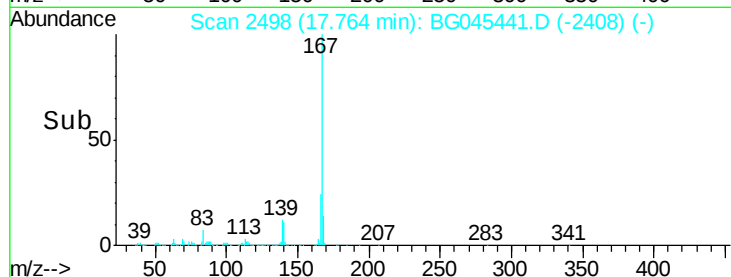
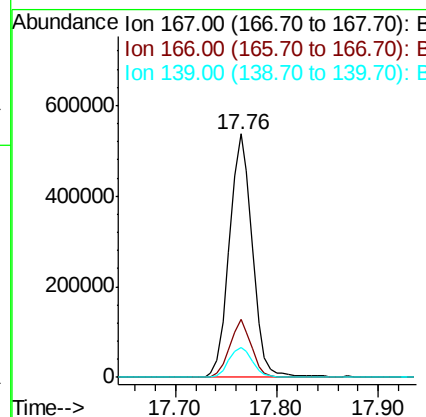
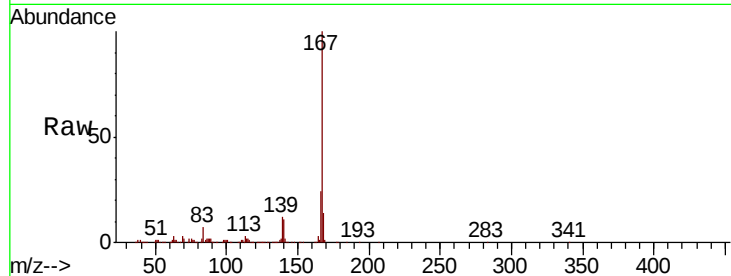
ClientSampleId :

PB129042BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	12.3	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 43.334 ng

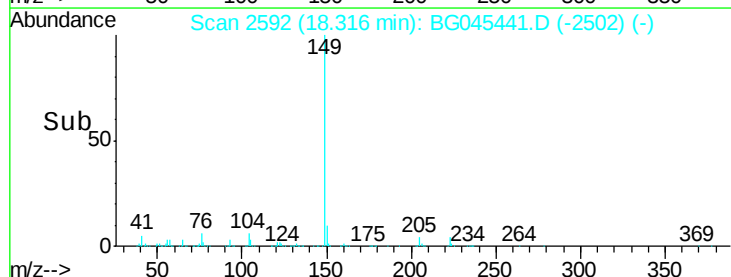
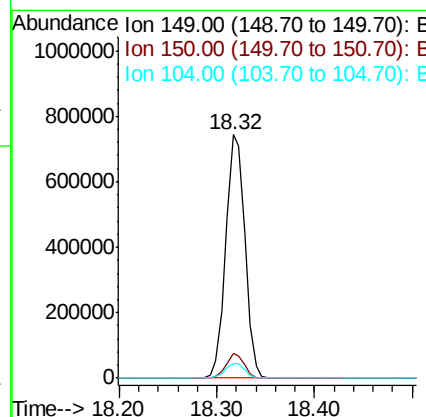
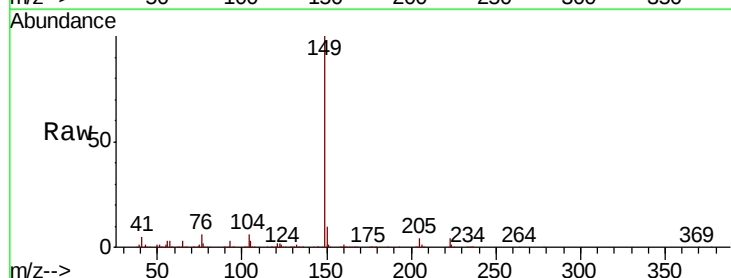
RT: 18.32 min Scan# 2592

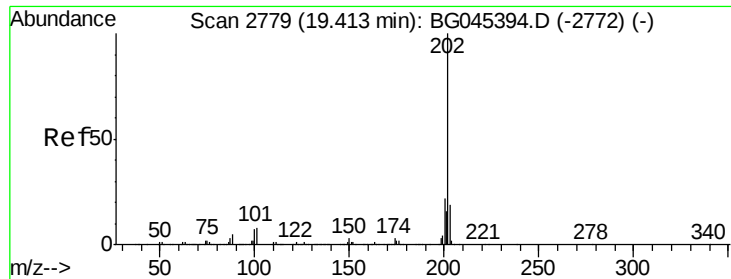
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 45.254 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

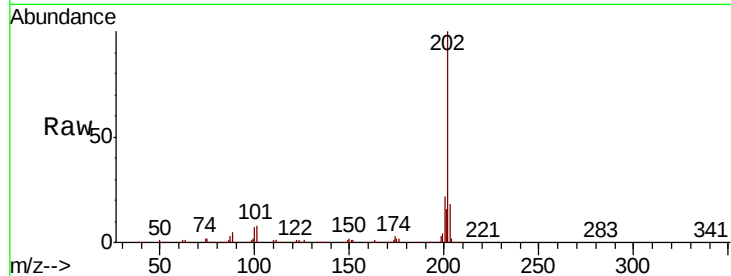
ClientSampleId :

PB129042BS

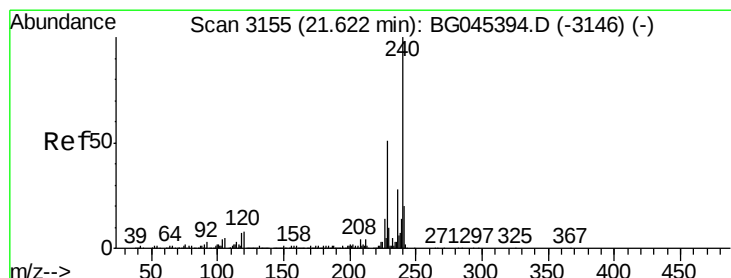
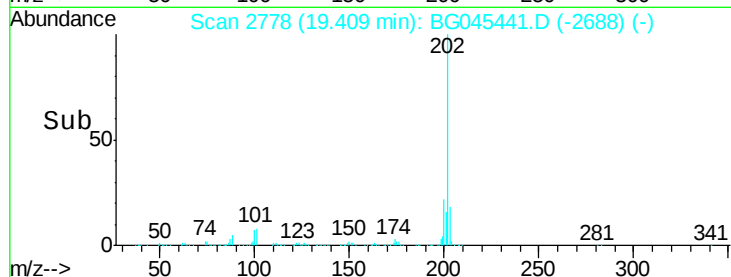
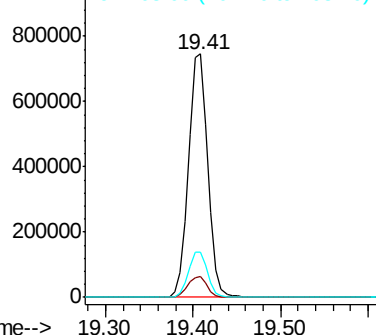
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.3
203	18.4	0.0	39.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

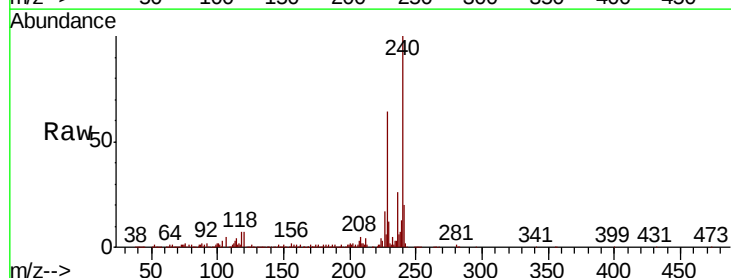
RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

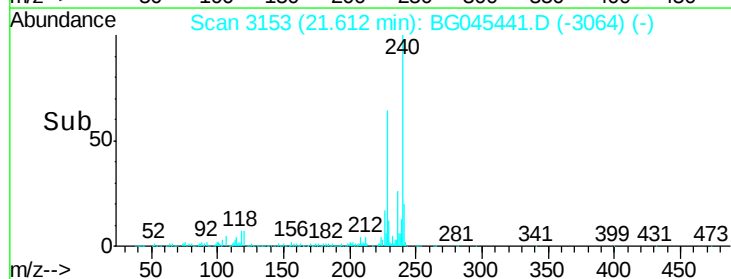
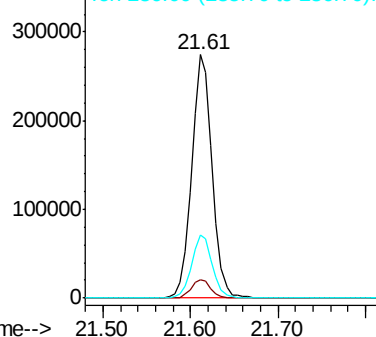
Lab File: BG045441.D

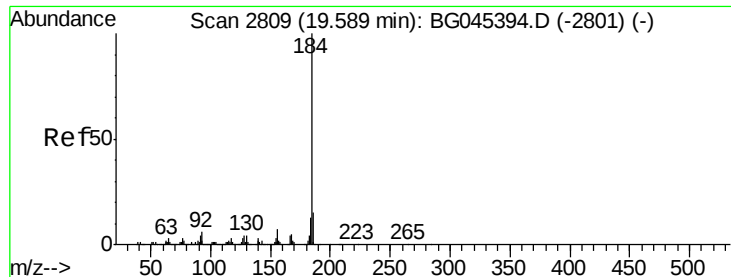
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.1	9.1
236	26.2	22.3	33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.875 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

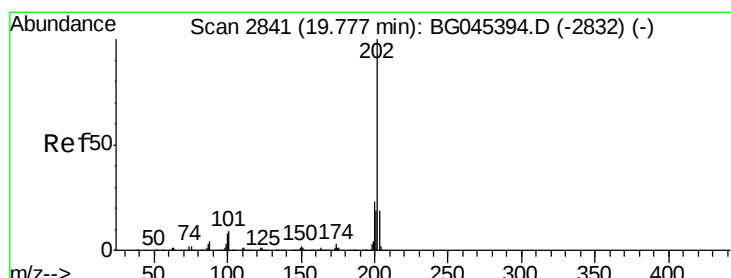
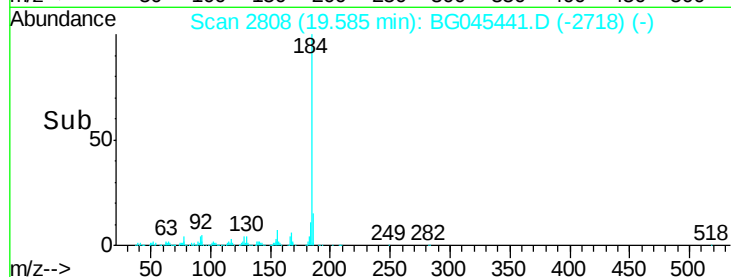
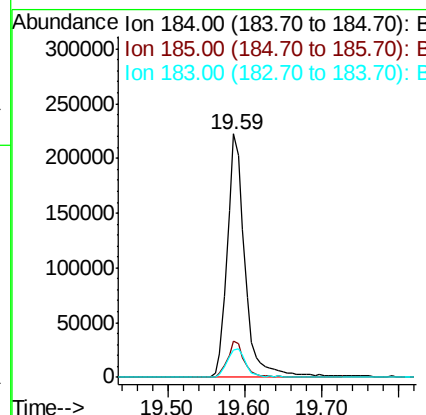
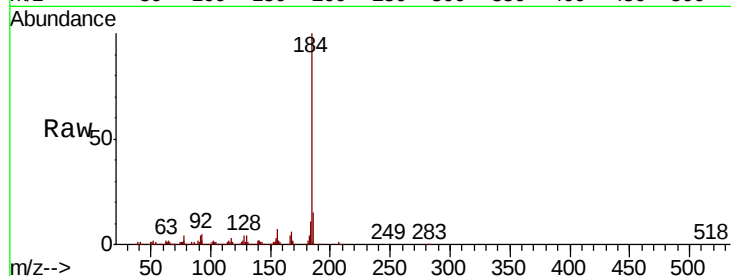
ClientSampleId :

PB129042BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	11.3	10.2	15.4

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#78

Pyrene

Concen: 44.817 ng

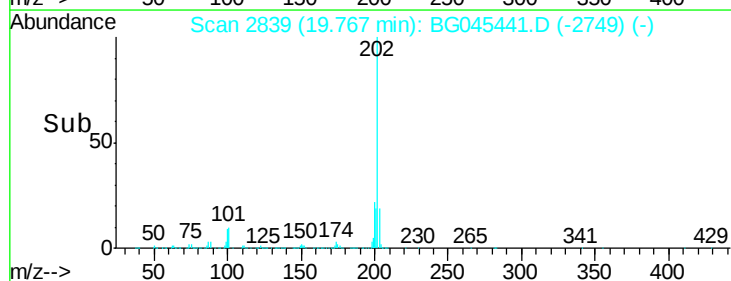
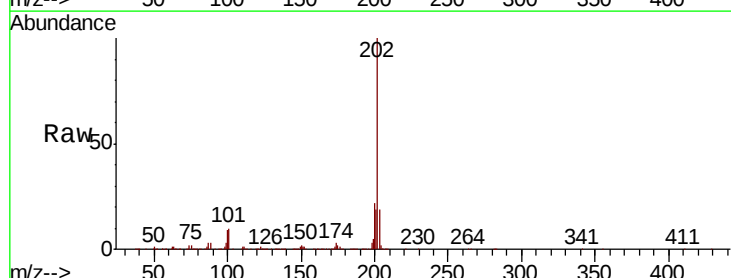
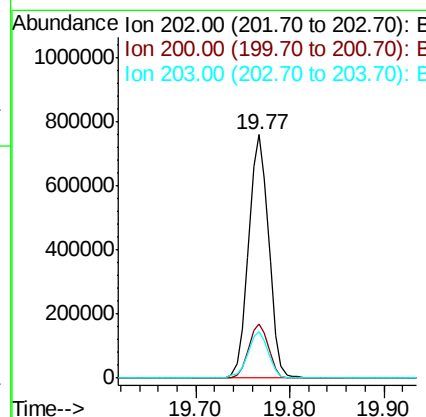
RT: 19.77 min Scan# 2839

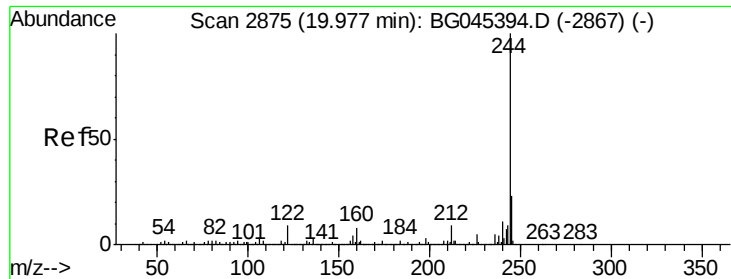
Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.2
203	19.2	15.1	22.7





#79
 Terphenyl-d14
 Concen: 91.052 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

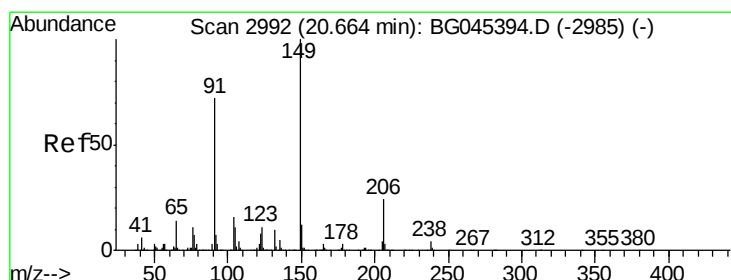
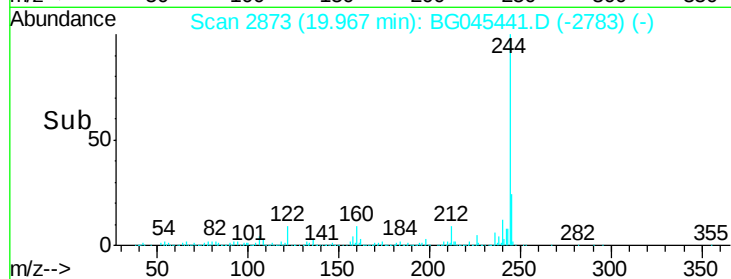
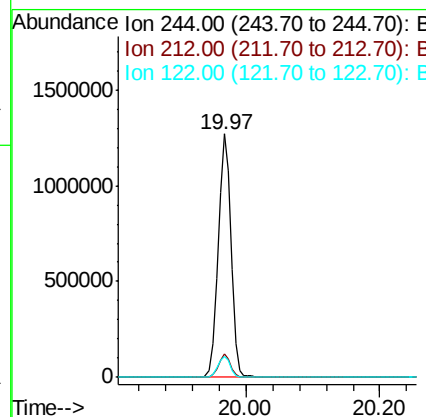
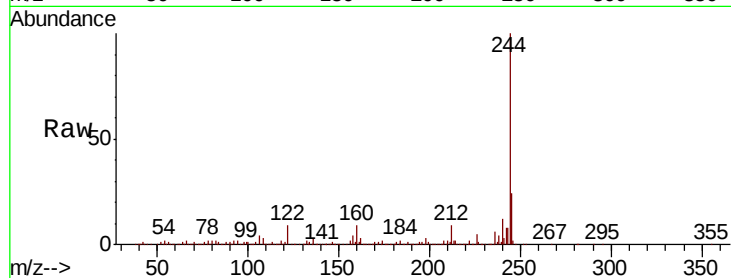
Instrument :
 BNA_G
 ClientSampleId :
 PB129042BS

Tot Ion:244 Resp: 1720658

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	8.7	6.8	10.2

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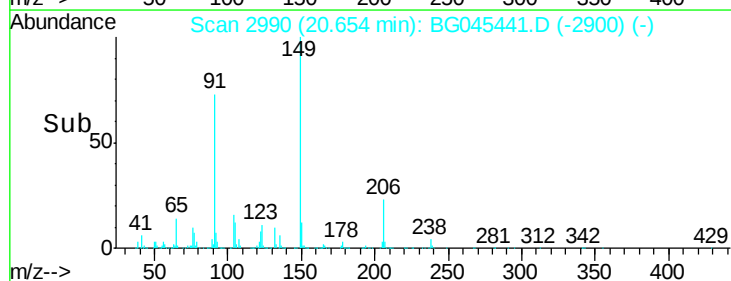
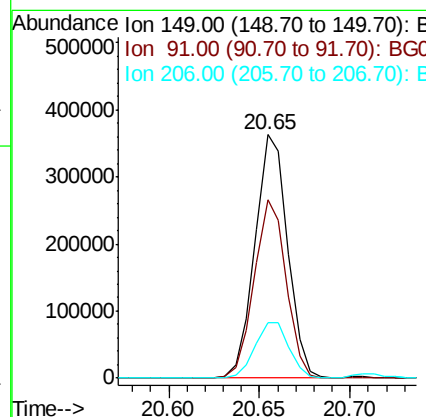
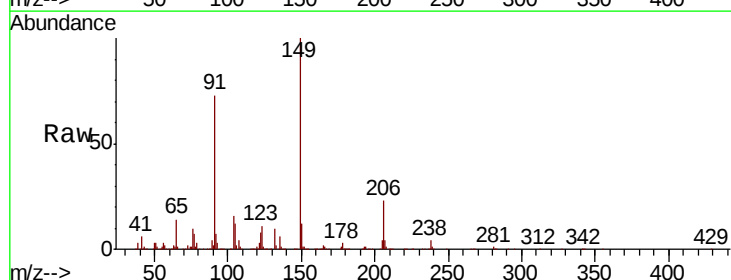
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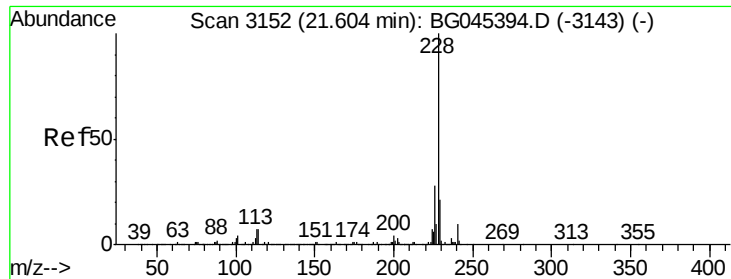


#80
 Butylbenzylphthalate
 Concen: 42.012 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.00 min
 Lab File: BG045441.D
 Acq: 21 May 2020 15:41

Tgt Ion:149 Resp: 455597

Ion	Ratio	Lower	Upper
149	100		
91	73.4	57.8	86.6
206	23.0	19.1	28.7





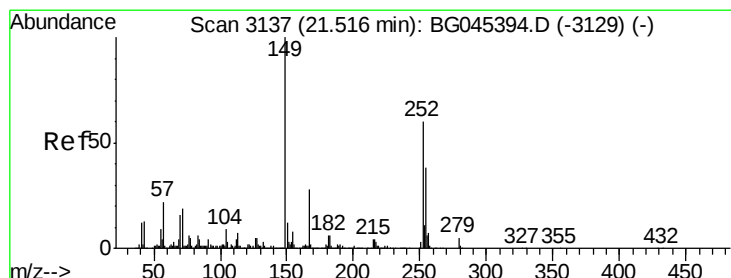
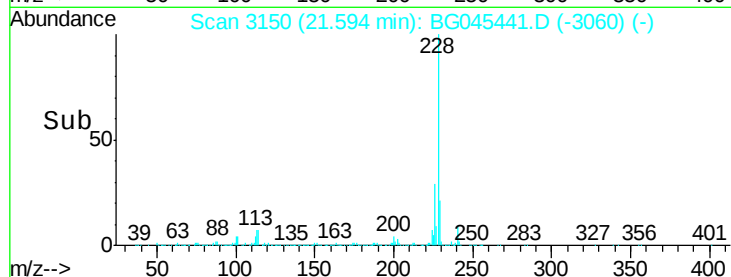
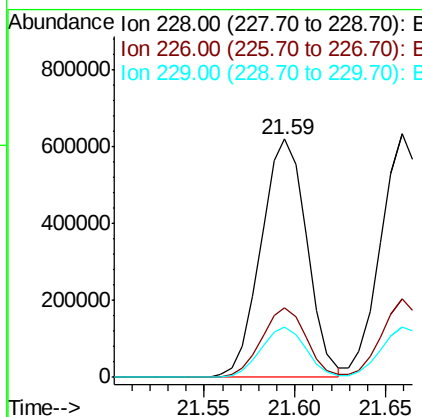
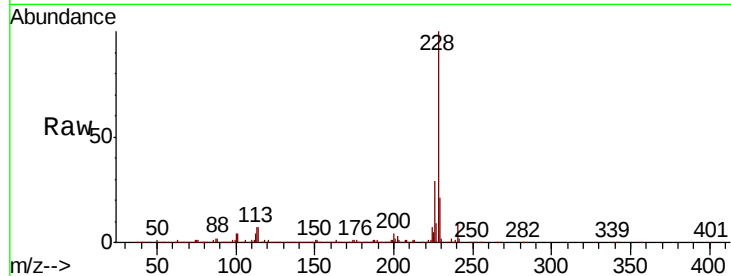
#81
Benzo(a)anthracene
Concen: 44.289 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.4	16.7	25.1

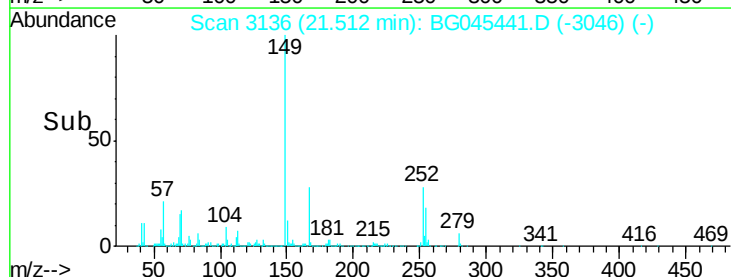
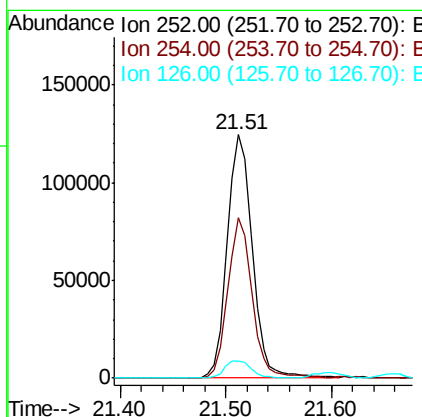
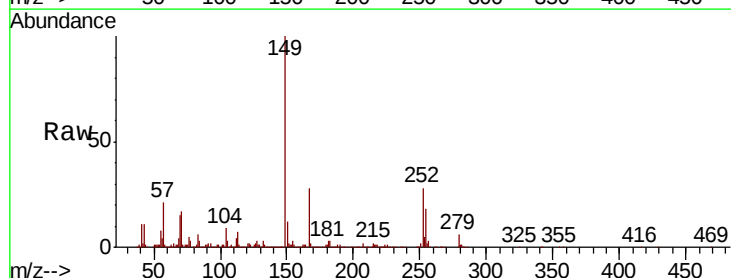
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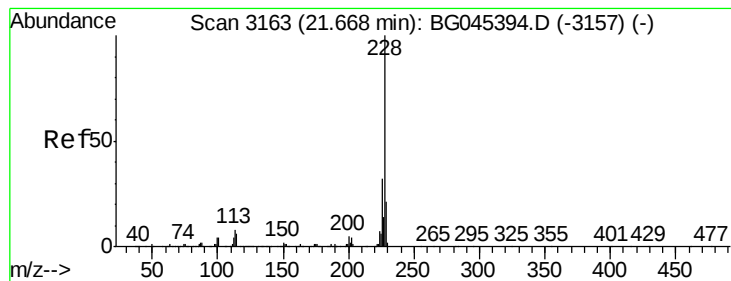
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#82
3,3'-Dichlorobenzidine
Concen: 21.270 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.3	76.9
126	7.0	6.6	10.0





#83

Chrysene

Concen: 44.315 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

Tot Ion:228 Resp: 1046185

Ion Ratio Lower Upper

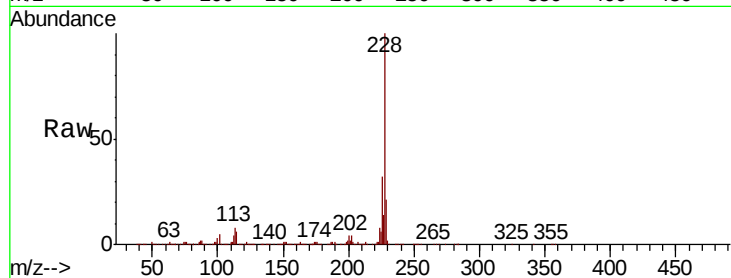
228 100

226 32.4 25.2 37.8

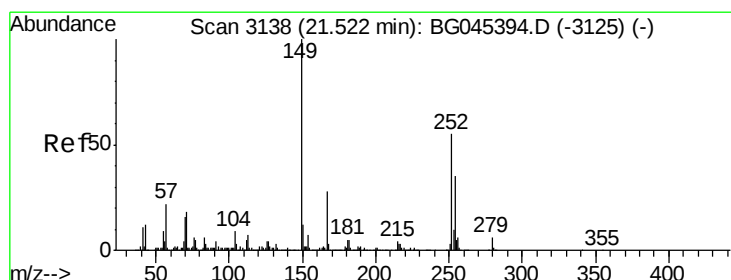
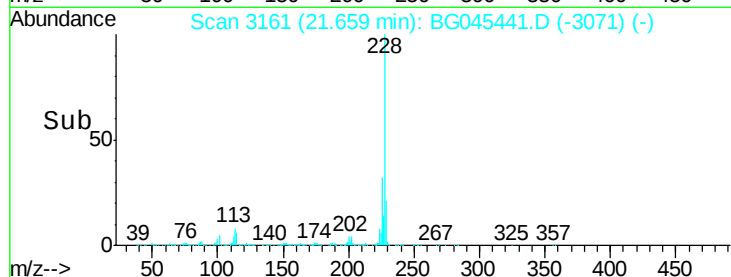
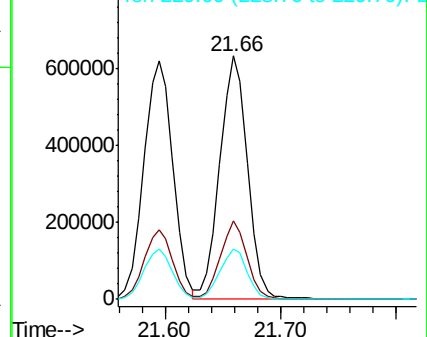
229 20.6 16.7 25.1

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.022 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

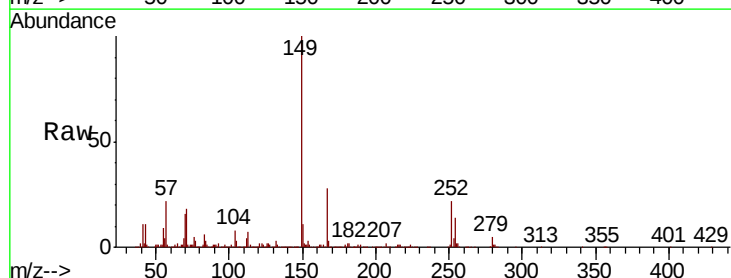
Tgt Ion:149 Resp: 641340

Ion Ratio Lower Upper

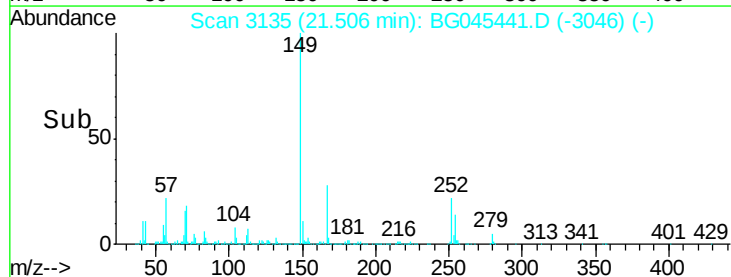
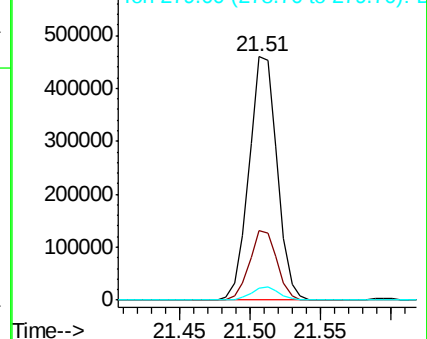
149 100

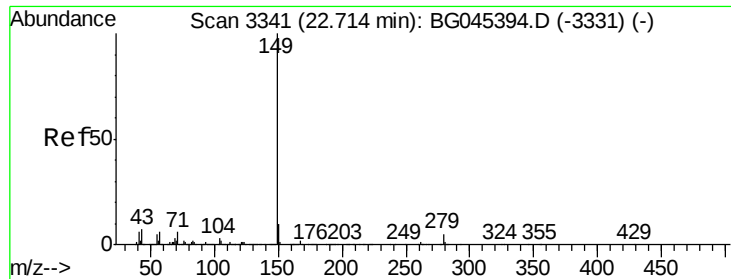
167 28.5 22.2 33.2

279 5.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.795 ng

RT: 22.70 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

Instrument :

BNA_G

ClientSampleId :

PB129042BS

Tot Ion:149 Resp: 1095692

Ion Ratio Lower Upper

149 100

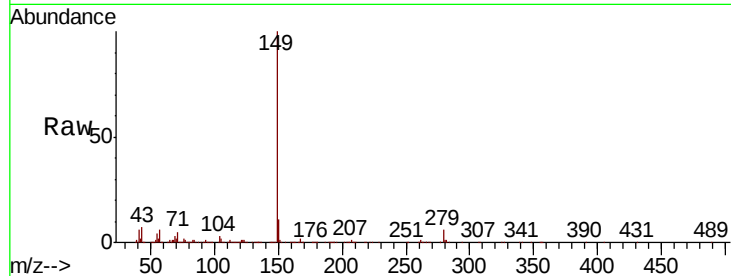
167 1.7 1.4 2.0

43 6.8 5.8 8.8

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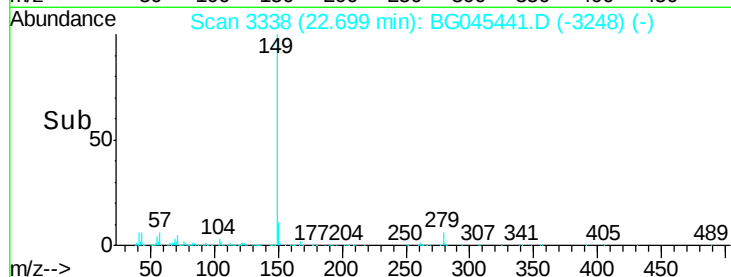
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

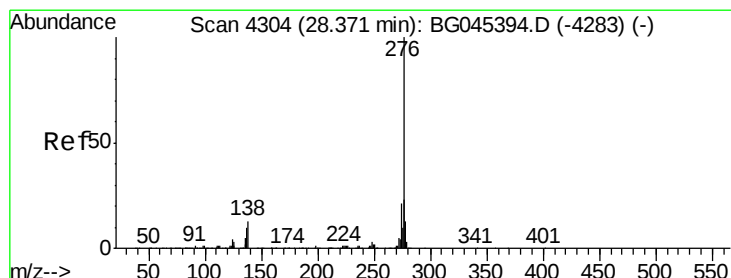
Ion 43.00 (42.70 to 43.70): B

22.70

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.237 ng

RT: 28.35 min Scan# 4300

Delta R.T. 0.00 min

Lab File: BG045441.D

Acq: 21 May 2020 15:41

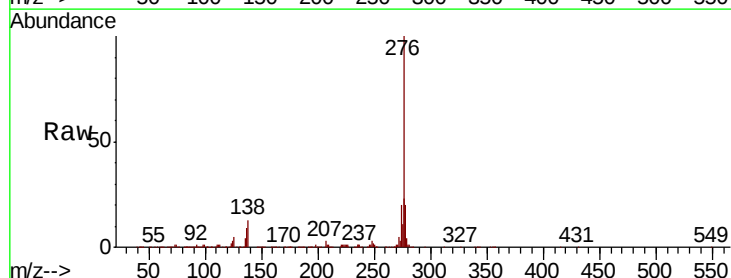
Tgt Ion:276 Resp: 1396548

Ion Ratio Lower Upper

276 100

138 15.2 8.6 12.8#

277 25.9 20.2 30.4



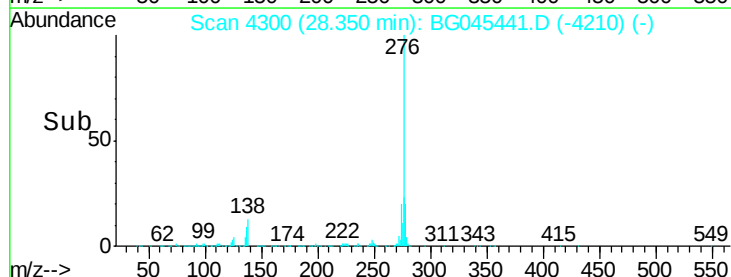
Abundance Ion 276.00 (275.70 to 276.70): E

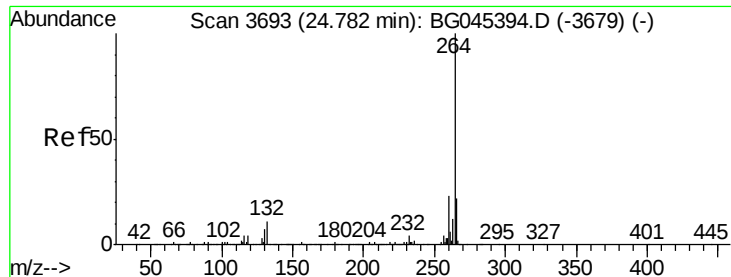
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.35

Time-->





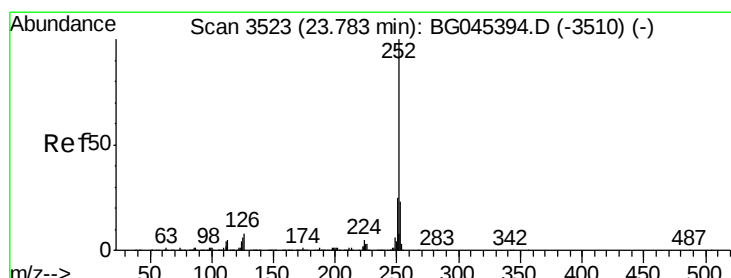
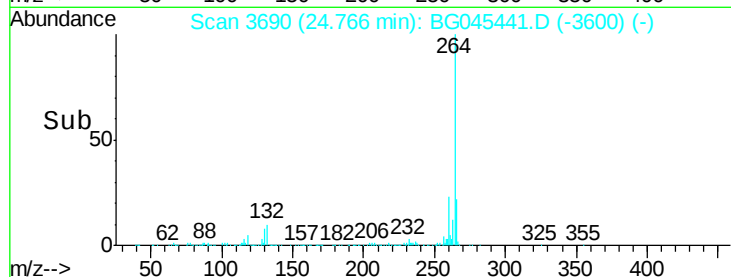
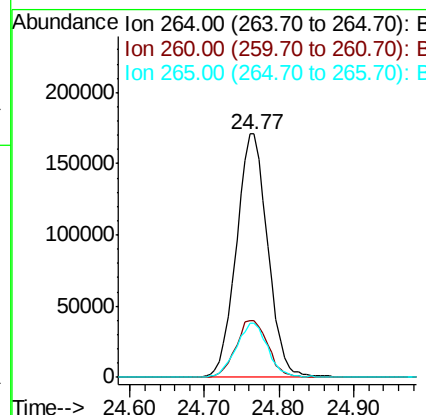
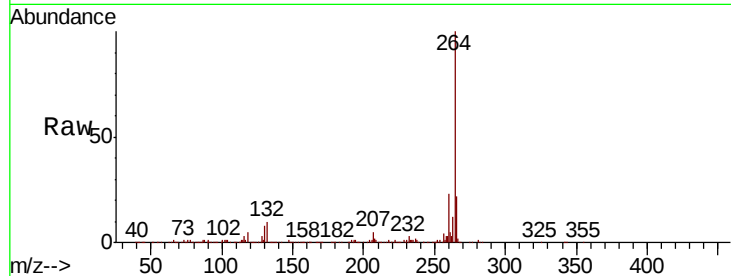
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3690
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.1	17.6	26.4

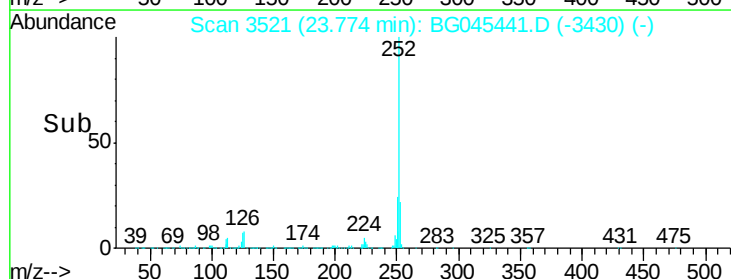
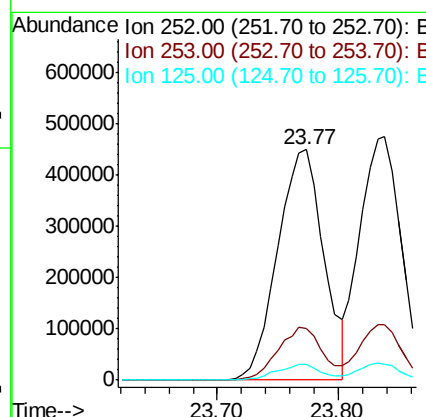
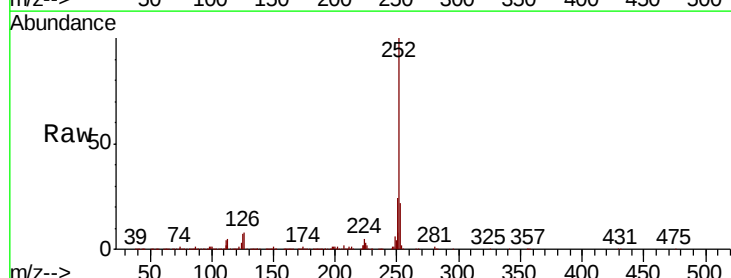
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#88
Benzo(b)fluoranthene
Concen: 44.489 ng
RT: 23.77 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	7.0	5.0	7.6





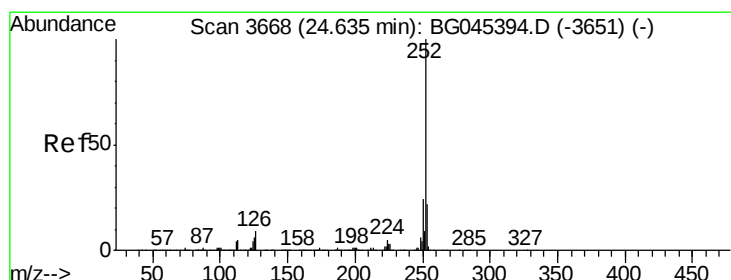
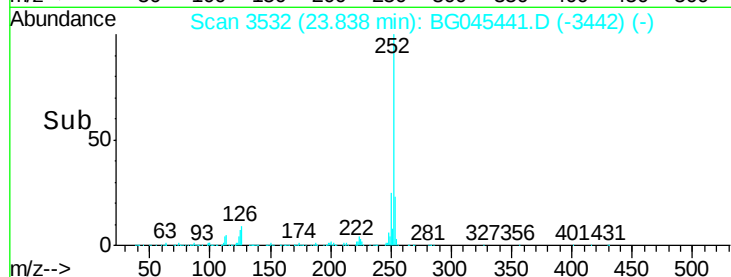
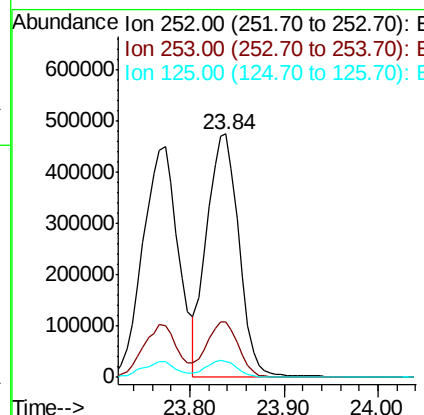
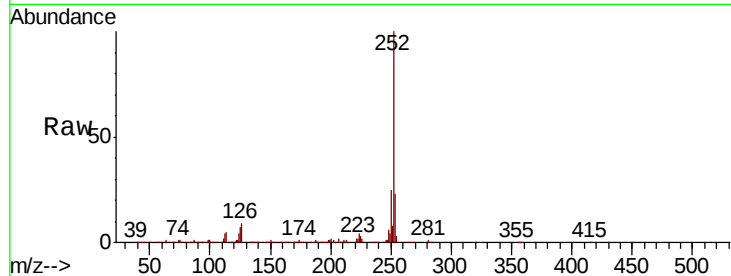
#89
Benzo(k)fluoranthene
Concen: 45.151 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.6	5.7	8.5

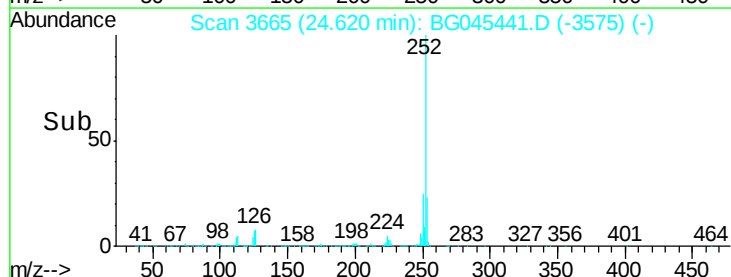
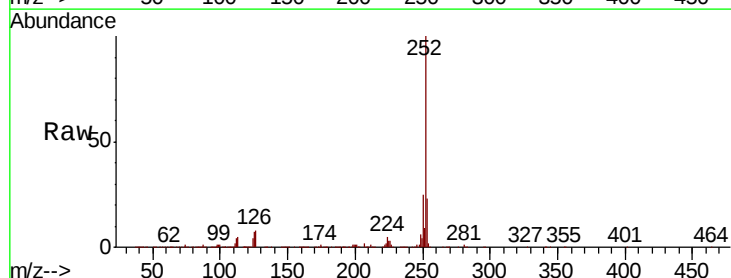
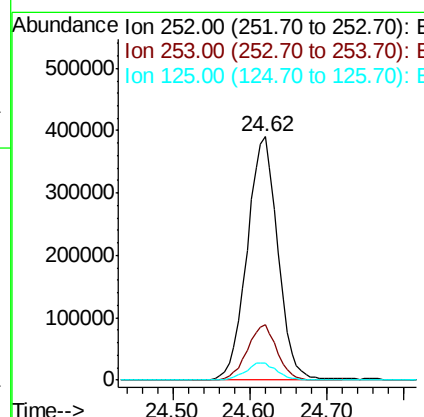
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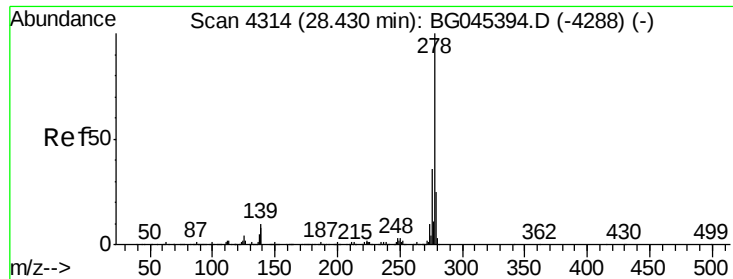
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#90
Benzo(a)pyrene
Concen: 43.763 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	7.0	5.0	7.6





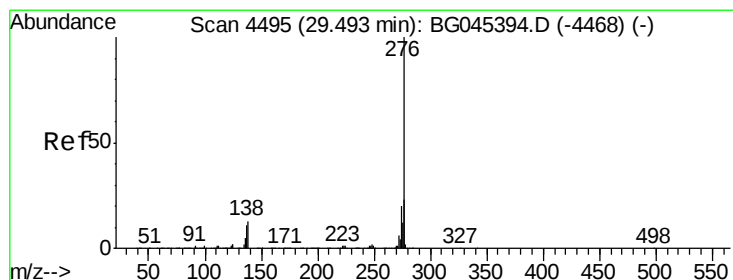
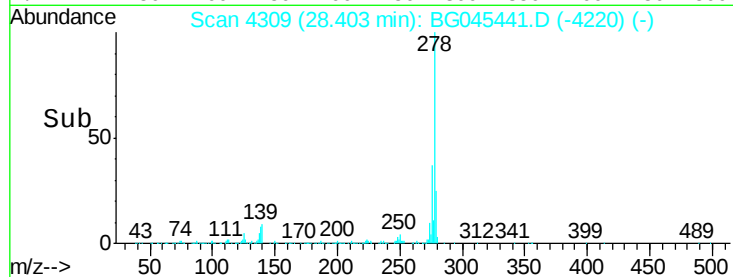
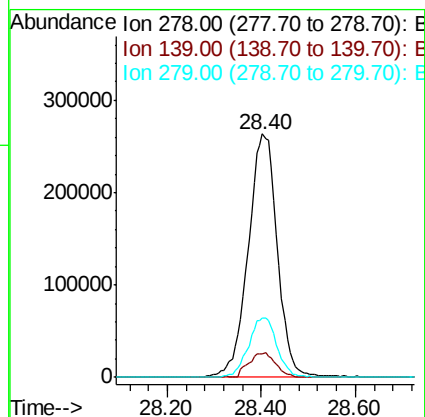
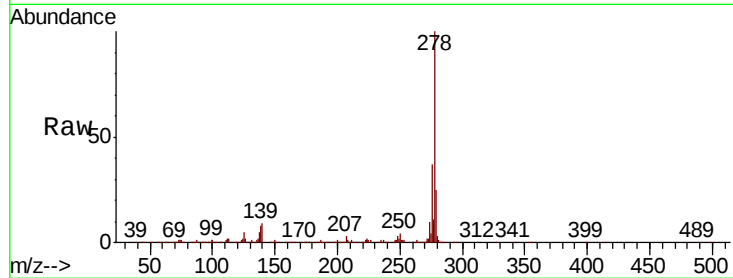
#91
Dibenzo(a,h)anthracene
Concen: 45.455 ng
RT: 28.40 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Instrument :
BNA_G
ClientSampleId :
PB129042BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	24.6	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.322 ng
RT: 29.47 min Scan# 4490
Delta R.T. 0.00 min
Lab File: BG045441.D
Acq: 21 May 2020 15:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.1	27.1
138	13.5	10.2	15.4

