

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030547.D
 Acq On : 29 Oct 2017 4:41
 Operator : SJ/JU
 Sample : I6080-15MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Manual Integrations
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Sohil
 10/30/2017 6:26:18 PM

Quant Time: Oct 30 07:38:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68408	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	307000	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	205965	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	497004	20.00	ng	0.00
75) Chrysene-d12	21.80	240	521180	20.00	ng	0.00
86) Perylene-d12	25.10	264	527950	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	657854	160.65	ng	0.00
7) Phenol-d6	7.32	99	823898	143.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	538433	111.45	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	474976	178.61	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1384949	98.62	ng	0.00
78) Terphenyl-d14	20.11	244	2208913	96.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	86081	51.811	ng	83
3) Pyridine	4.00	79	205362	42.445	ng	91
4) n-Nitrosodimethylamine	3.90	42	113440	50.158	ng	# 90
6) Aniline	7.49	93	207030	29.087	ng	95
8) 2-Chlorophenol	7.73	128	254303	54.179	ng	91
9) Benzaldehyde	7.29	77	125366	43.363	ng	91
10) Phenol	7.35	94	310187	50.056	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	241176	53.419	ng	91
12) 1,3-Dichlorobenzene	8.05	146	276662	52.501	ng	97
13) 1,4-Dichlorobenzene	8.20	146	278879	51.834	ng	96
14) 1,2-Dichlorobenzene	8.52	146	264971	51.060	ng	98
15) Benzyl Alcohol	8.40	79	238303	58.832	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.69	45	391549	51.067	ng	94
17) 2-Methylphenol	8.61	107	226816	55.100	ng	97
18) Hexachloroethane	9.26	117	96613	52.693	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	209303	53.554	ng	# 96
20) 3+4-Methylphenols	8.93	107	317955	54.818	ng	95
22) Acetophenone	8.99	105	385996	52.172	ng	# 92
24) Nitrobenzene	9.37	77	289552	53.306	ng	92
25) Isophorone	9.90	82	592750	58.773	ng	# 94
26) 2-Nitrophenol	10.09	139	154160	59.381	ng	88
27) 2,4-Dimethylphenol	10.14	122	265854	56.600	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	356244	57.605	ng	96
29) 2,4-Dichlorophenol	10.63	162	294646	58.825	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	291638	53.894	ng	100
31) Naphthalene	11.03	128	795326	51.981	ng	98
32) Benzoic acid	10.27	122	108498	27.587	ng	86
33) 4-Chloroaniline	11.14	127	71895	11.171	ng	95
34) Hexachlorobutadiene	11.31	225	183455	54.527	ng	96
35) Caprolactam	11.91	113	89658m	53.859	ng	
36) 4-Chloro-3-methylphenol	12.25	107	311908	56.618	ng	88
37) 2-Methylnaphthalene	12.62	142	623001	55.869	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	350516	46.612	ng	98
40) Hexachlorocyclopentadiene	12.97	237	378739	129.869	ng	91

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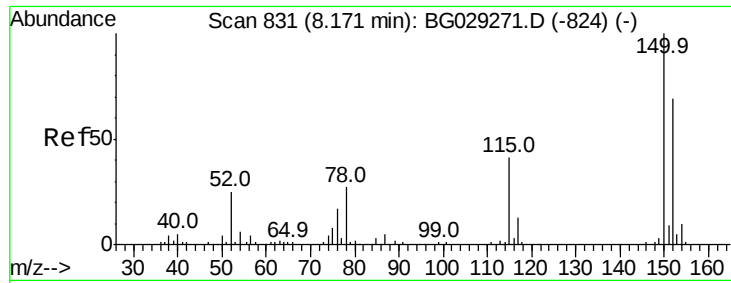
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	260380	55.158	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	283781	58.536	nq	95
45) 1,1'-Biphenyl	13.62	154	840874	47.498	nq	96
46) 2-Chloronaphthalene	13.67	162	656972	50.876	nq	97
47) 2-Nitroaniline	13.86	65	211993	59.769	nq	# 84
48) Acenaphthylene	14.51	152	1045595	51.738	nq	98
49) Dimethylphthalate	14.23	163	973570	60.583	nq	99
50) 2,6-Dinitrotoluene	14.36	165	206735	61.368	nq	# 79
51) Acenaphthene	14.85	154	652616	49.632	nq	99
52) 3-Nitroaniline	14.68	138	122583	33.722	nq	# 80
53) 2,4-Dinitrophenol	14.89	184	110083	61.054	nq	# 52
54) Dibenzofuran	15.18	168	1045863	55.716	nq	98
55) 4-Nitrophenol	14.99	139	302900	101.071	nq	# 82
56) 2,4-Dinitrotoluene	15.14	165	291901	64.009	nq	# 76
57) Fluorene	15.83	166	830340	53.547	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	271109	67.029	nq	94
59) Diethylphthalate	15.59	149	903771	56.432	nq	97
60) 4-Chlorophenyl-phenylether	15.81	204	472074	57.098	nq	96
61) 4-Nitroaniline	15.84	138	213401	57.171	nq	86
62) Azobenzene	16.11	77	788320	58.372	nq	95
64) 4,6-Dinitro-2-methylphenol	15.90	198	115587	41.637	nq	84
65) n-Nitrosodiphenylamine	16.03	169	773591	51.960	nq	99
66) 4-Bromophenyl-phenylether	16.71	248	319146	55.961	nq	100
67) Hexachlorobenzene	16.83	284	338196	52.353	nq	99
68) Atrazine	16.97	200	307438	57.873	nq	98
69) Pentachlorophenol	17.17	266	344476	92.827	nq	98
70) Phenanthrene	17.57	178	1353097	52.700	nq	95
71) Anthracene	17.66	178	1383468	53.661	nq	97
72) Carbazole	17.92	167	1274524	51.463	nq	98
73) Di-n-butylphthalate	18.46	149	1488176	52.246	nq	98
74) Fluoranthene	19.56	202	1641069	54.646	nq	94
76) Benzidine	19.73	184	167638	10.653	nq	99
77) Pyrene	19.92	202	1679874	53.134	nq	94
79) Butylbenzylphthalate	20.79	149	715975	53.155	nq	89
80) Benzo(a)anthracene	21.78	228	1700202	55.563	nq	96
81) 3,3'-Dichlorobenzidine	21.68	252	412386	32.651	nq	100
82) Chrysene	21.85	228	1594514	54.412	nq	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	1009207	52.207	nq	99
84) Di-n-octyl phthalate	22.90	149	1709784	50.750	nq	97
85) Indeno(1,2,3-cd)pyrene	28.90	276	2062038	57.196	nq	97
87) Benzo(b)fluoranthene	24.06	252	1736342	57.446	nq	99
88) Benzo(k)fluoranthene	24.12	252	1699226	56.429	nq	98
89) Benzo(a)pyrene	24.96	252	1672851	57.571	nq	98
90) Dibenzo(a,h)anthracene	28.97	278	1721036	58.504	nq	96
91) Benzo(g,h,i)perylene	30.11	276	1707750	62.479	nq	98

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



#1

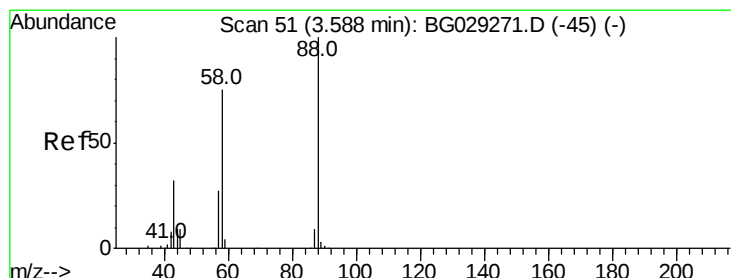
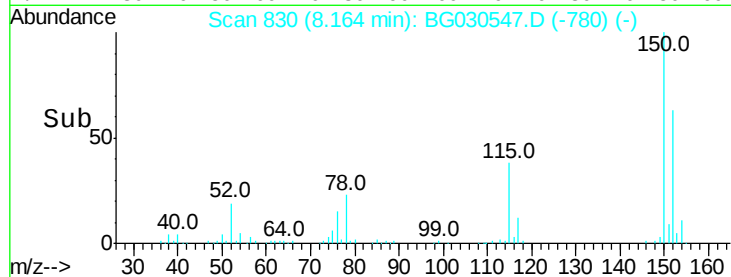
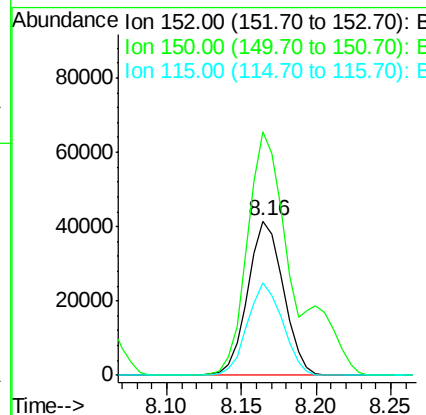
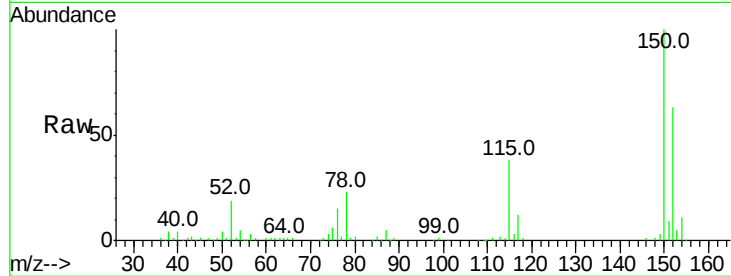
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	60.1	53.0	79.4

Manual Integrations
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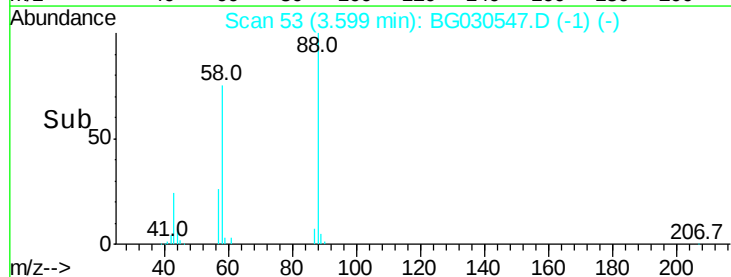
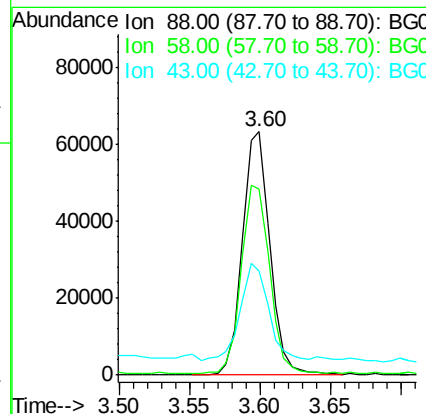
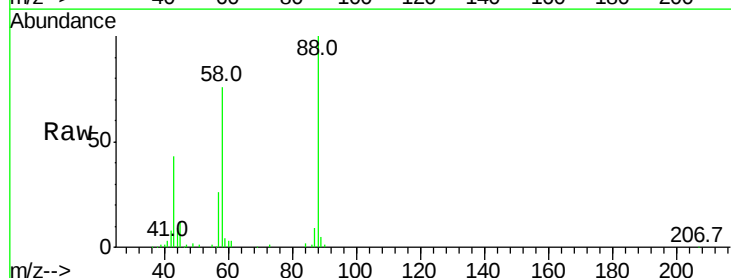
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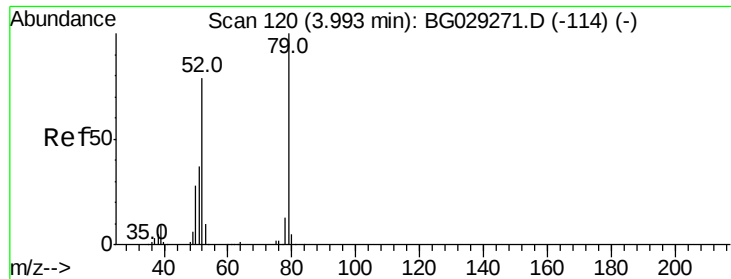


#2

1,4-Dioxane
Concen: 51.811 ng
RT: 3.60 min Scan# 53
Delta R.T. 0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	79.6	119.4
43	40.7	27.4	41.0





#3

Pvridine

Concen: 42.445 ng

RT: 4.00 min Scan# 122

Delta R.T. 0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

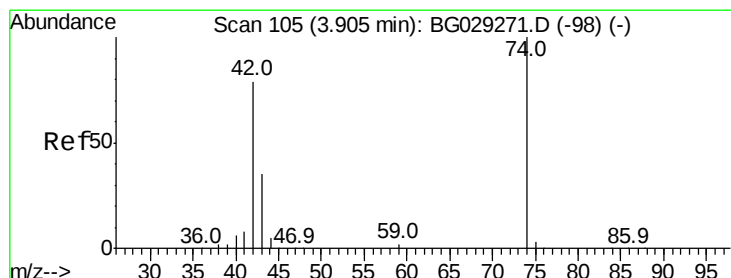
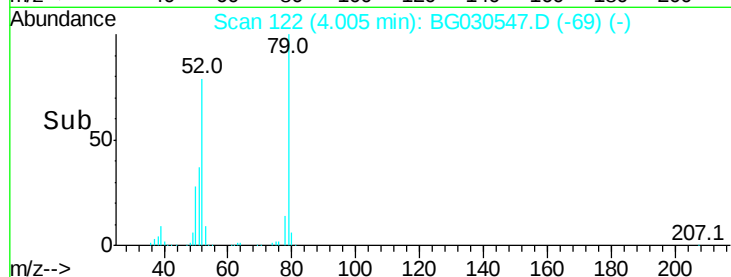
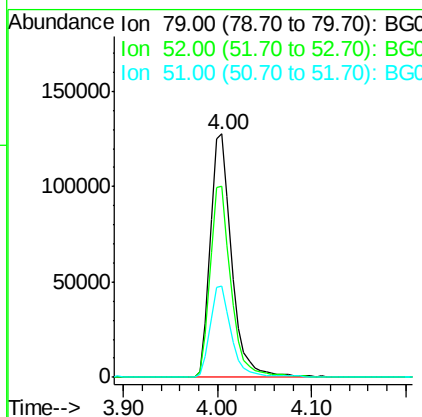
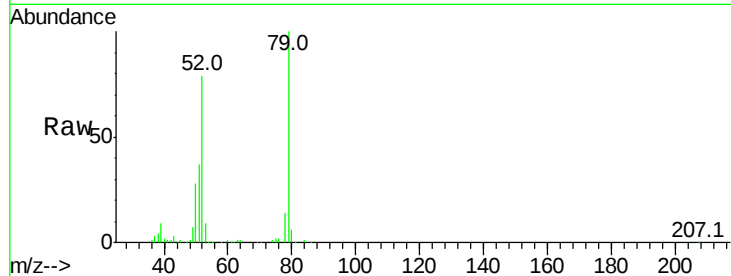
SB-7-FILL(4-7)MSD

Tot Ion: 79 Resp: 205362

Ion	Ratio	Lower	Upper
79	100		
52	78.7	69.9	104.9
51	37.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.158 ng

RT: 3.90 min Scan# 105

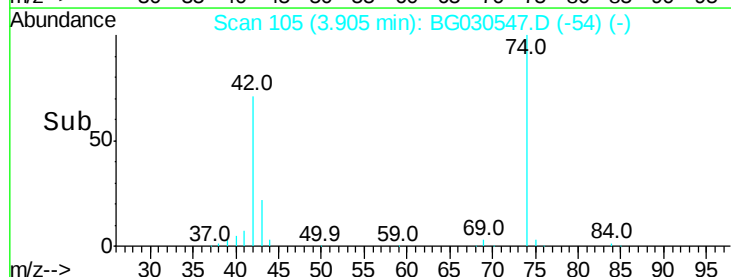
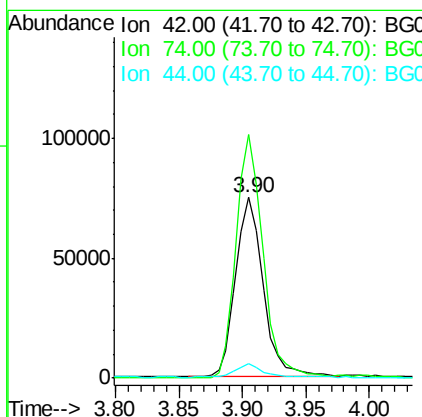
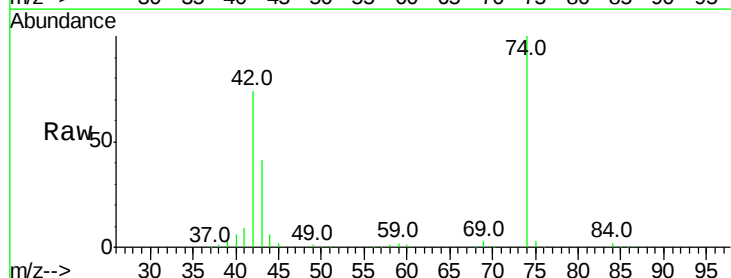
Delta R.T. -0.00 min

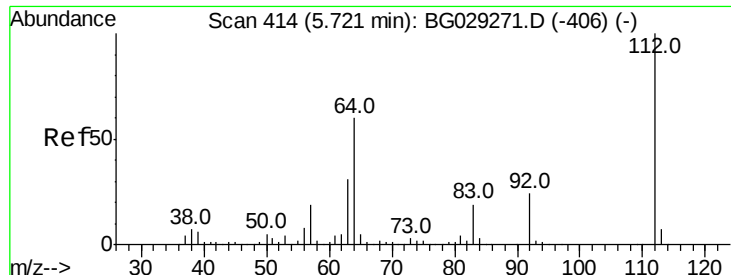
Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion: 42 Resp: 113440

Ion	Ratio	Lower	Upper
42	100		
74	134.8	102.5	153.7
44	8.0	18.9	28.3





#5

2-Fluorophenol

Concen: 160.651 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

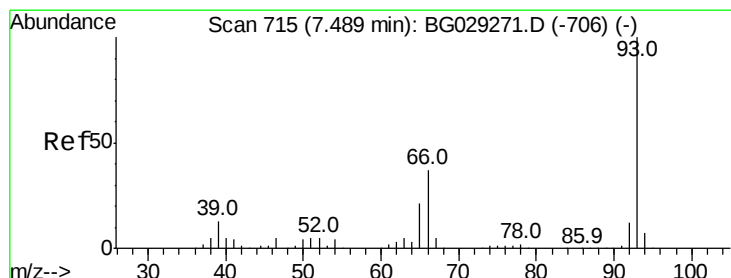
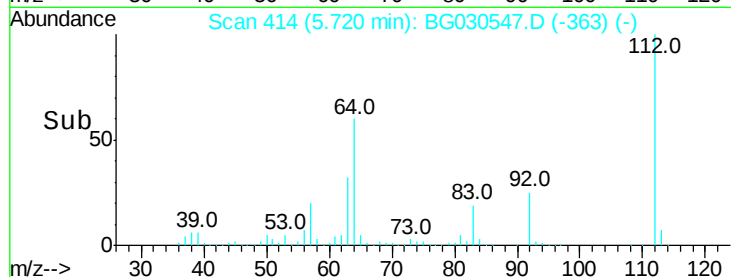
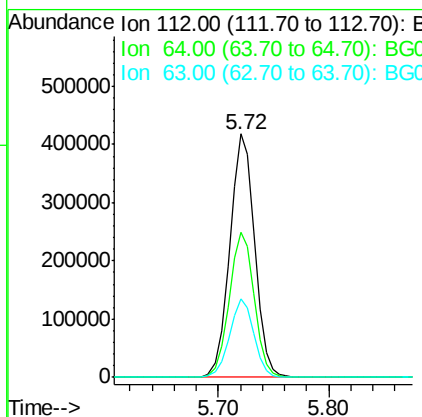
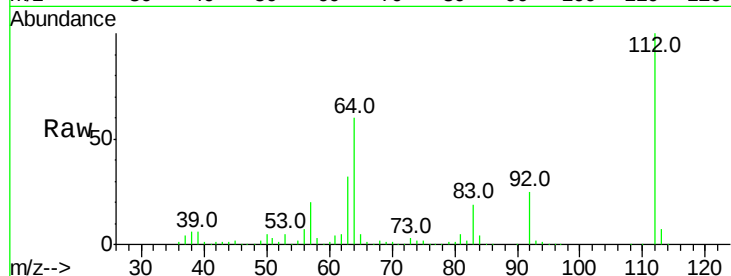
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	112	Resp:	657854
Ion Ratio	Lower	Upper	
112	100		
64	59.6	56.3	84.5
63	32.1	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 29.087 ng

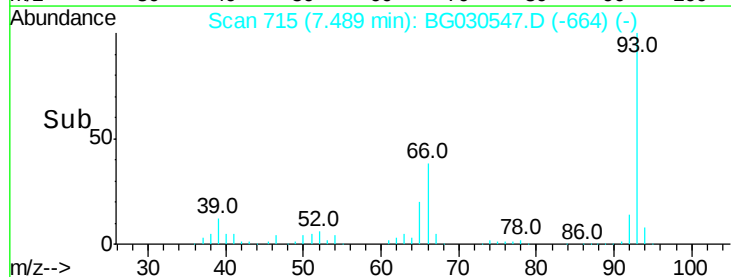
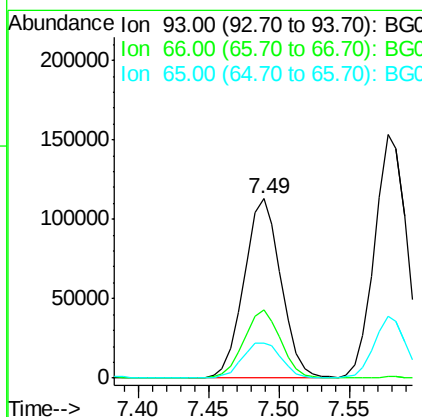
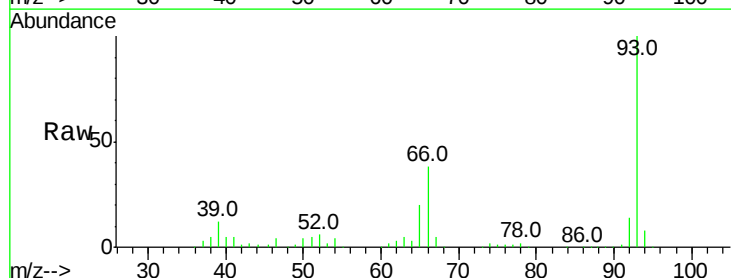
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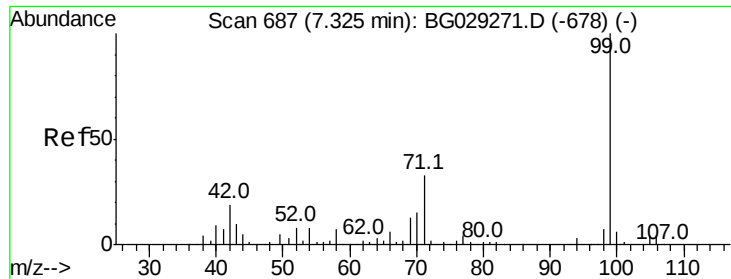
Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	93	Resp:	207030
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 143.340 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

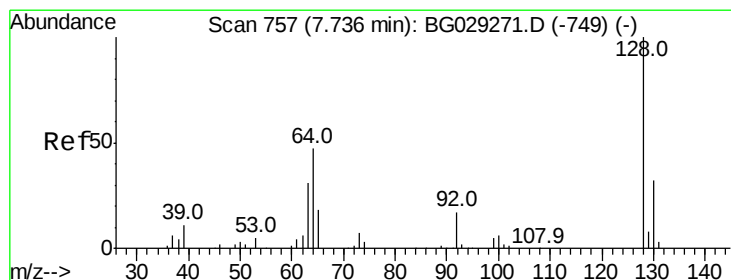
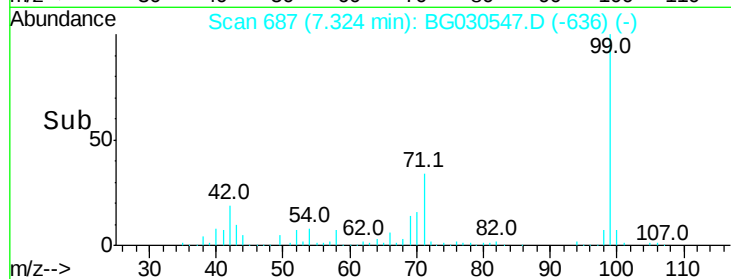
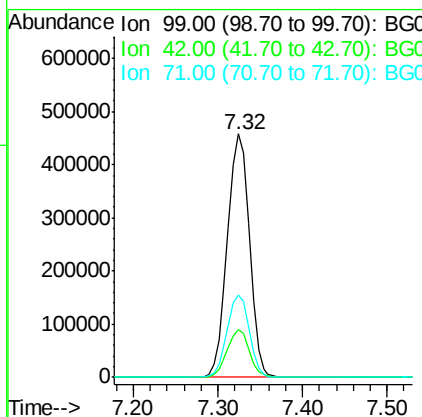
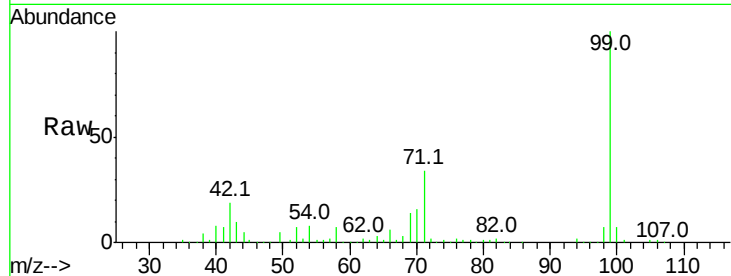
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	99	Resp:	823898
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.1	21.1
71	33.8	26.1	39.1

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#8

2-Chlorophenol

Concen: 54.179 ng

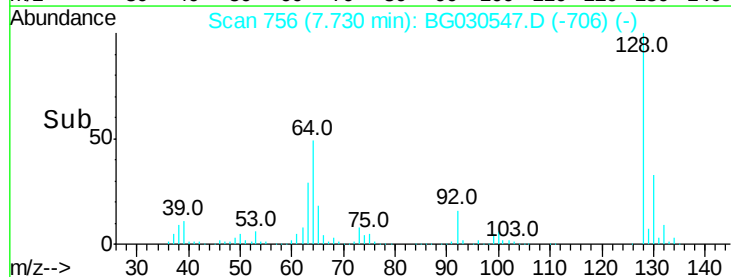
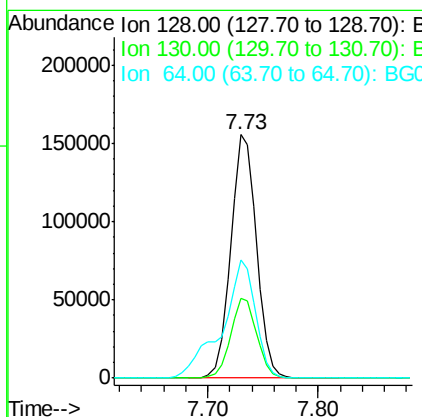
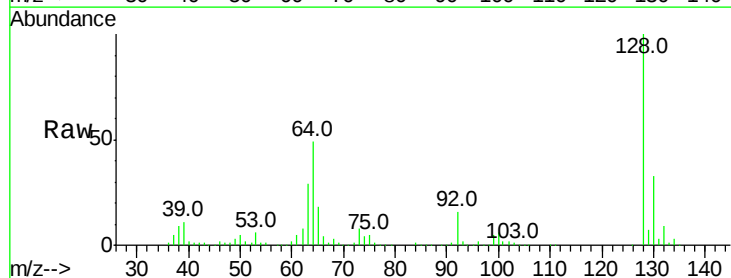
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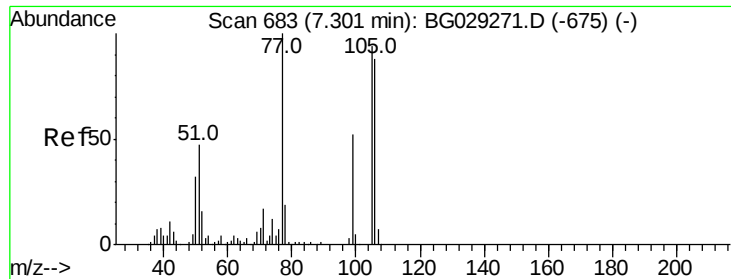
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	128	Resp:	254303
Ion Ratio	Lower	Upper	
128	100		
130	32.6	14.0	54.0
64	48.7	37.7	77.7





#9

Benzaldehyde

Concen: 43.363 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

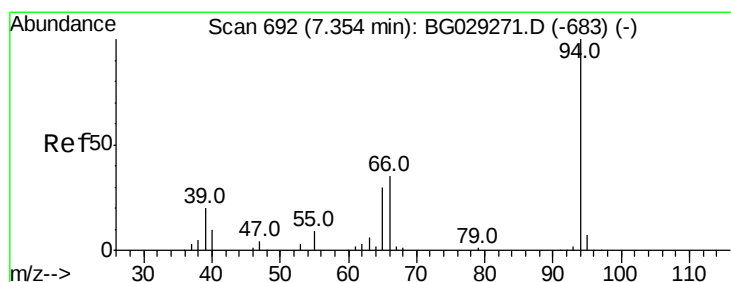
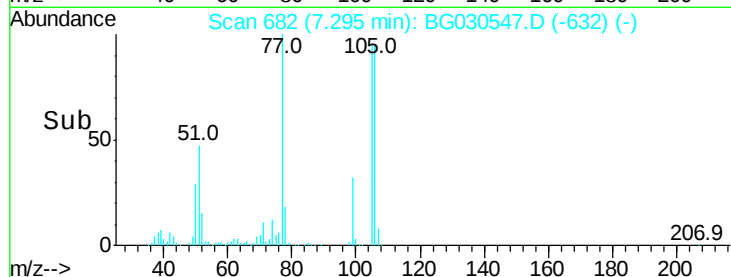
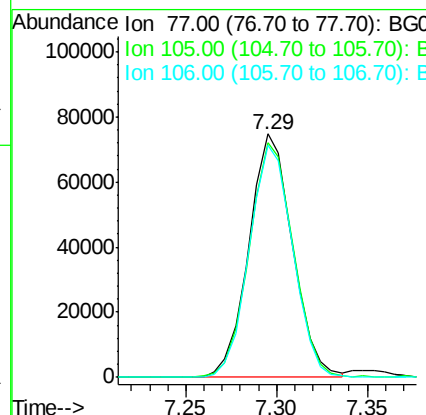
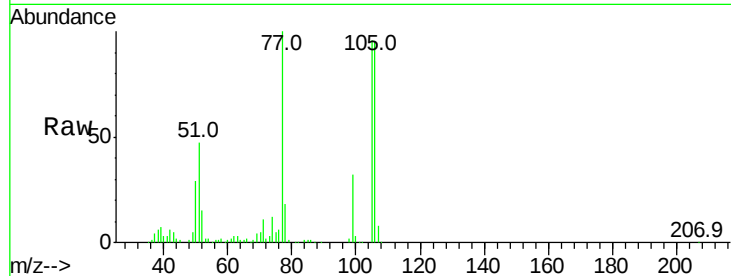
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	77	Resp:	125366
Ion	Ratio	Lower	Upper
77	100		
105	96.2	71.3	111.3
106	95.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 50.056 ng

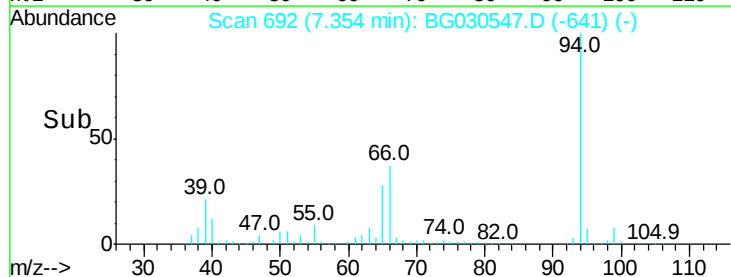
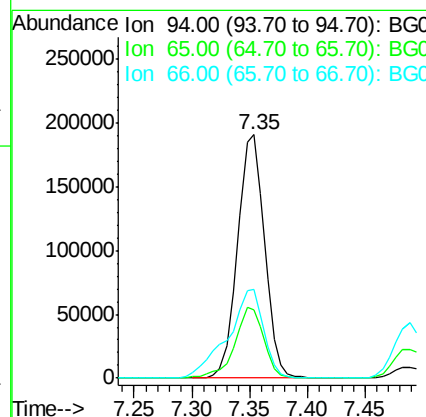
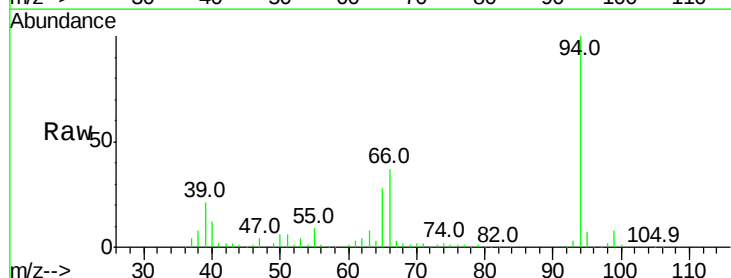
RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	94	Resp:	310187
Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.9	51.9
66	36.7	22.2	62.2





#11

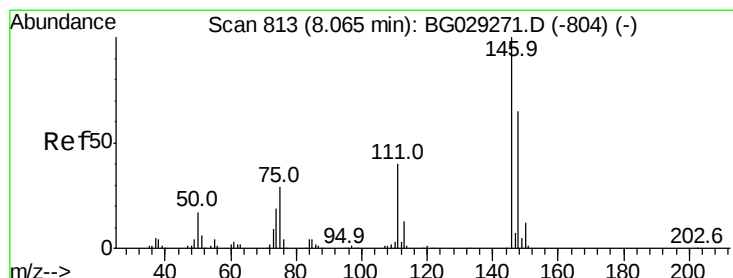
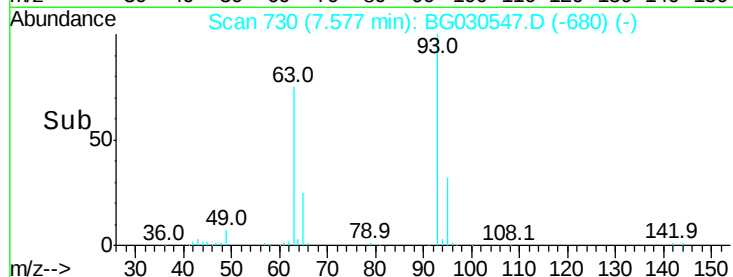
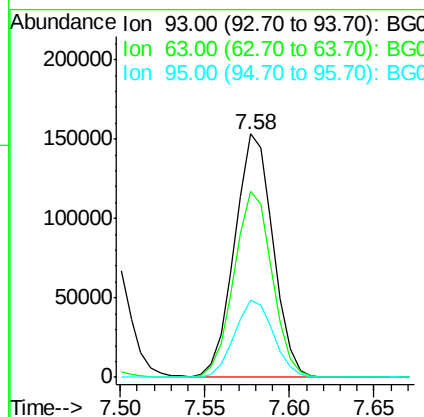
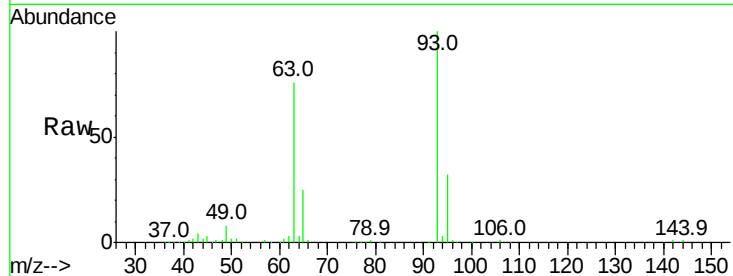
bis(2-Chloroethyl)ether
Concen: 53.419 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion:	93	Resp:	241176
Ion Ratio	Lower	Upper	
93	100		
63	76.3	67.1	107.1
95	31.9	11.5	51.5

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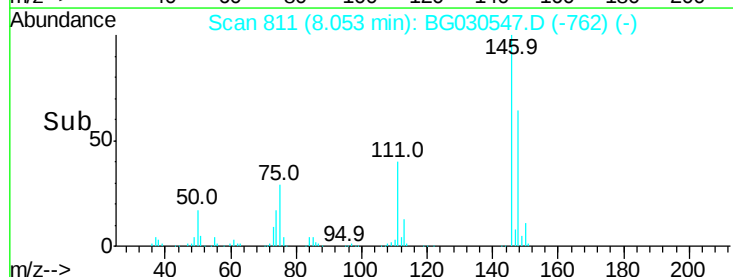
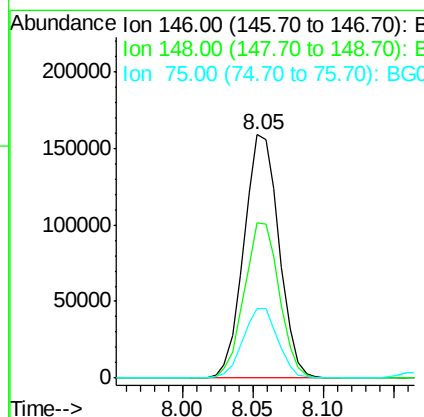
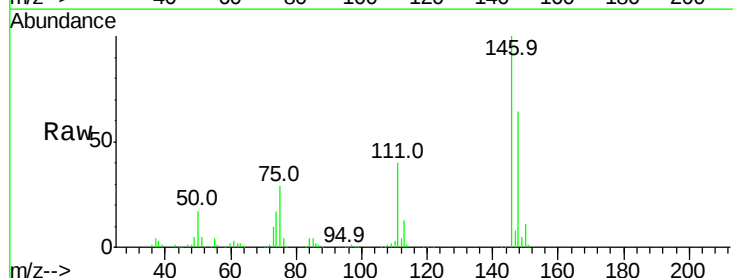
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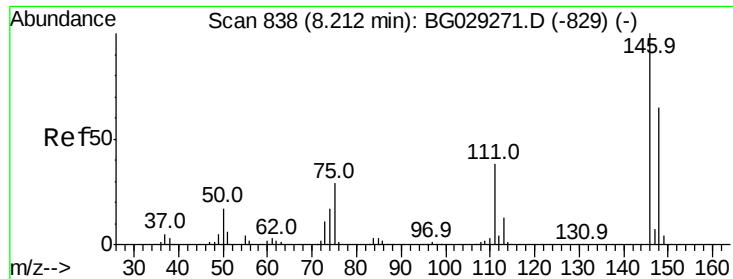


#12

1,3-Dichlorobenzene
Concen: 52.501 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:	146	Resp:	276662
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.2
75	28.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 51.834 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

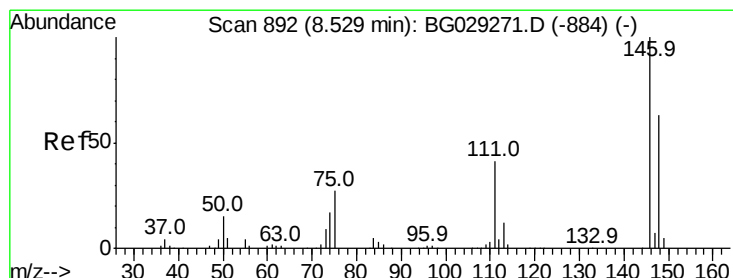
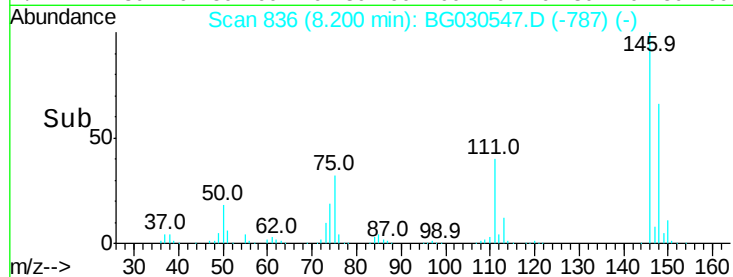
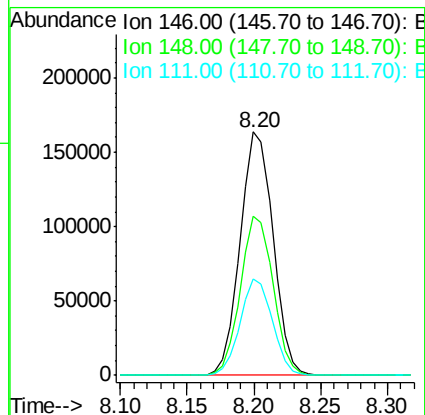
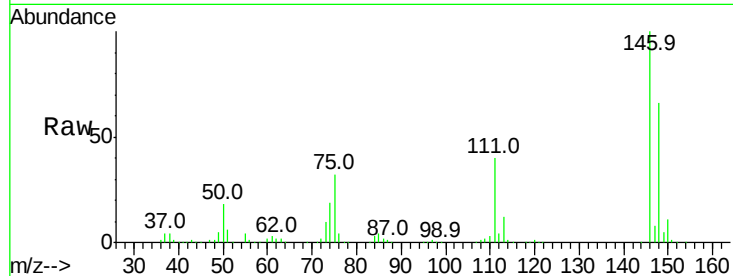
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	146	Resp:	278879
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.7	80.5
111	39.6	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 51.060 ng

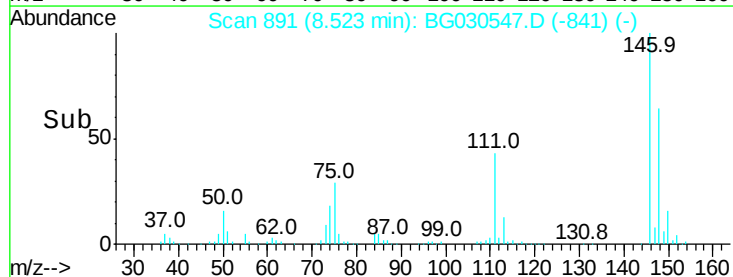
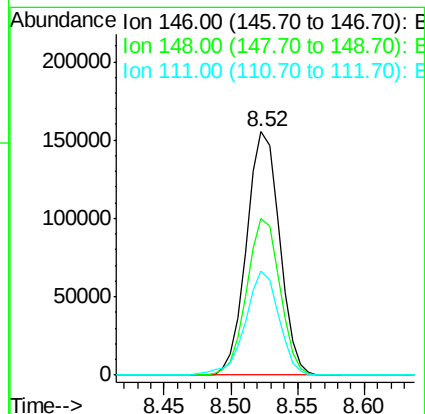
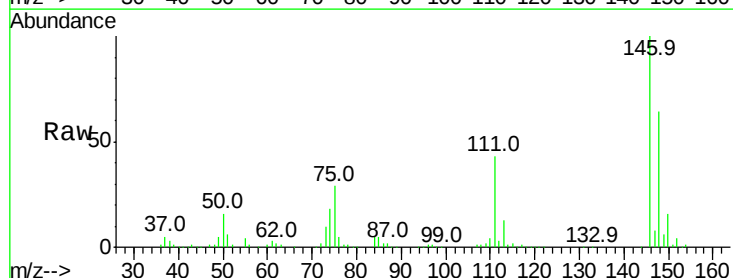
RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	146	Resp:	264971
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.3	73.9
111	42.7	34.3	51.5





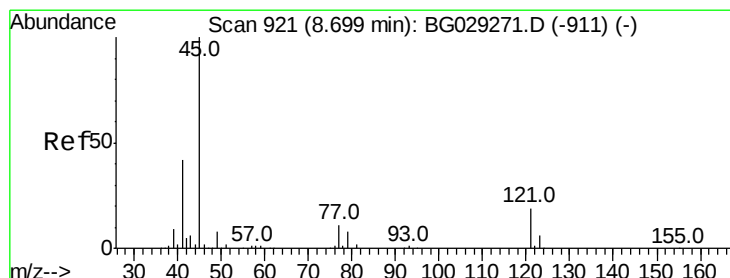
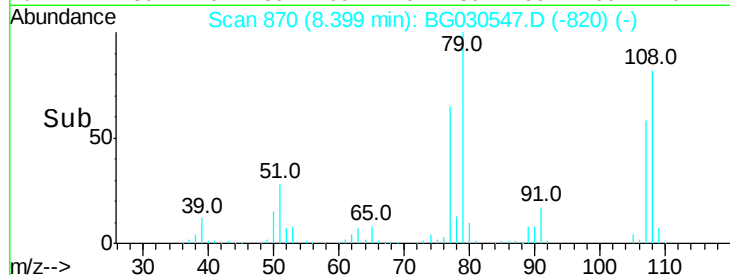
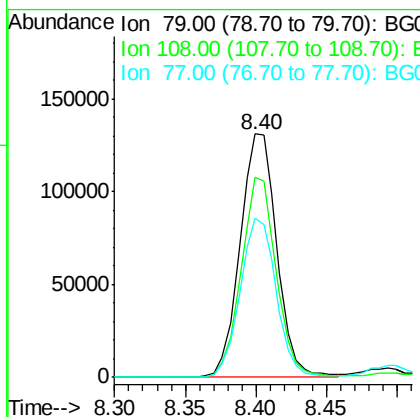
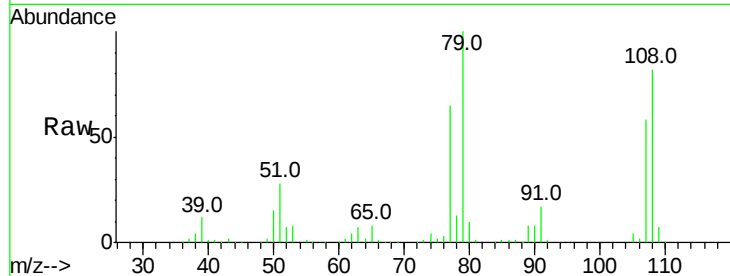
#15
Benzyl Alcohol
Concen: 58.832 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	57.2	85.8
77	65.4	46.1	69.1

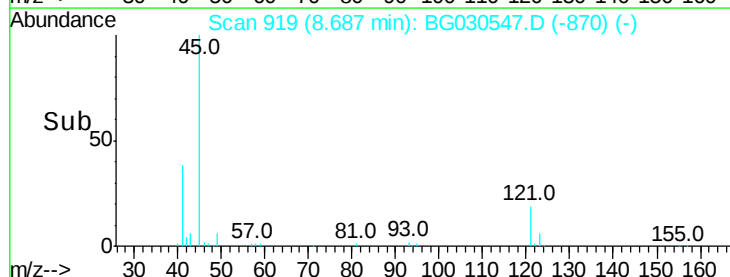
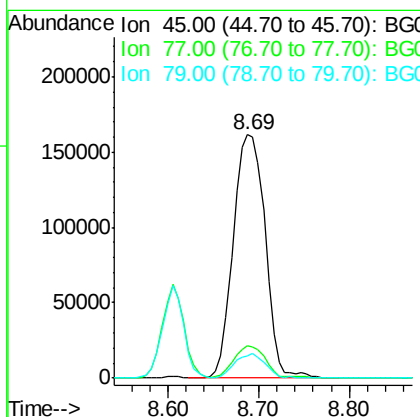
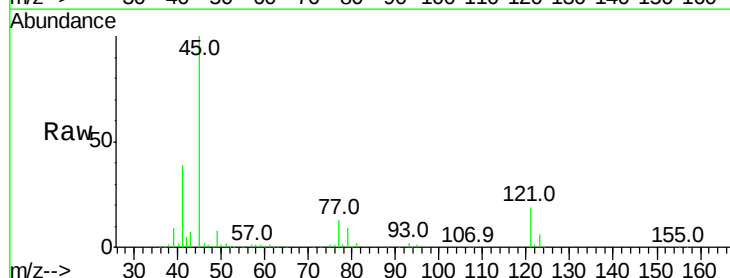
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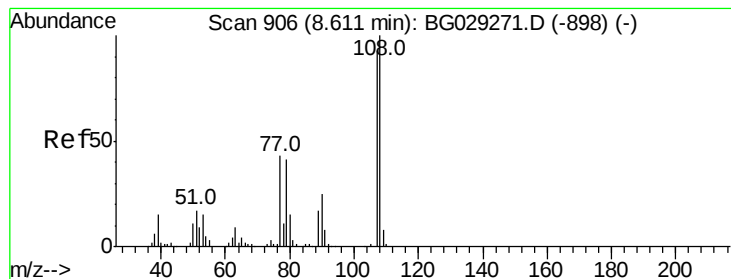
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#16
2,2'-oxybis(1-chloropropane)
Concen: 51.067 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	30.2
79	9.1	0.0	27.9





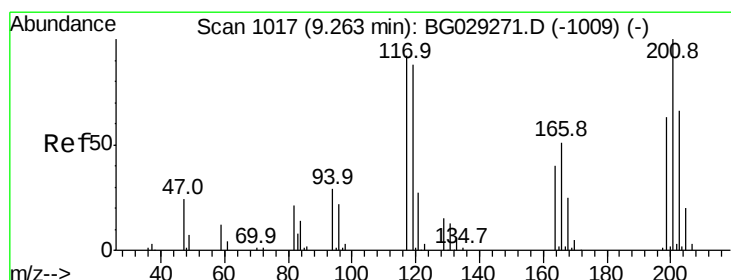
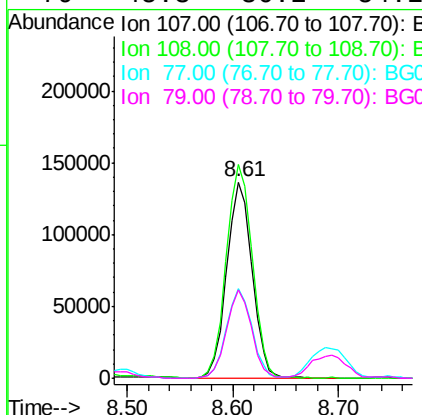
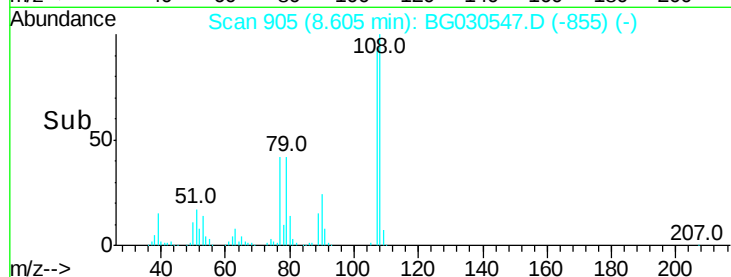
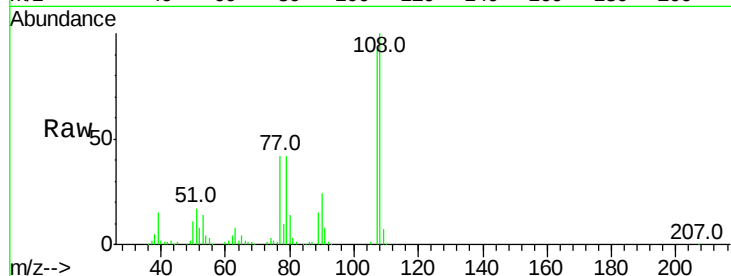
#17
2-Methylphenol
Concen: 55.100 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	83.9	125.9	
77	45.5	37.2	55.8	
79	45.3	36.2	54.2	

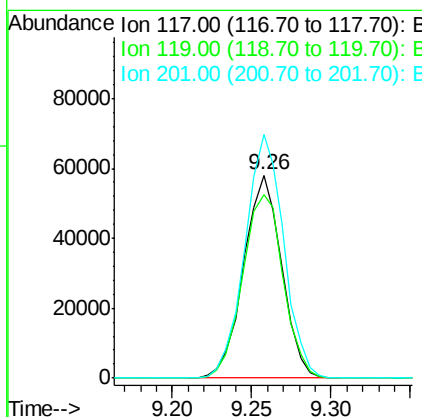
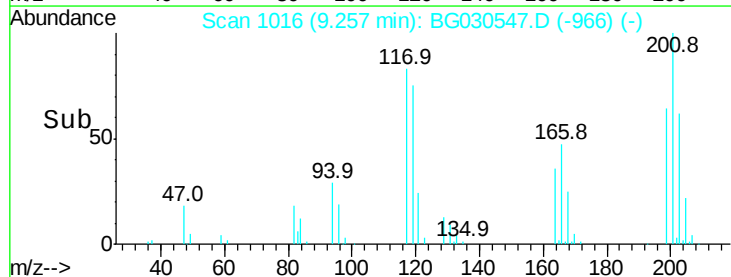
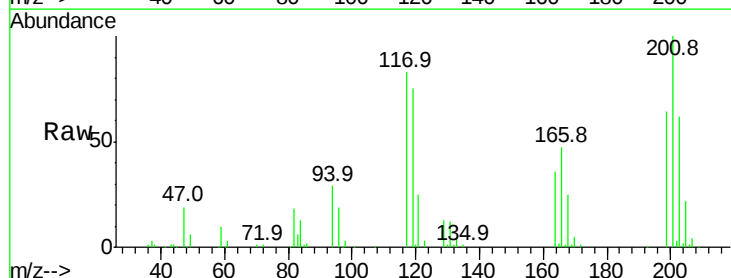
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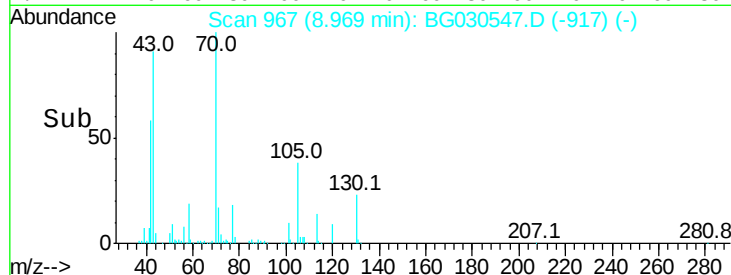
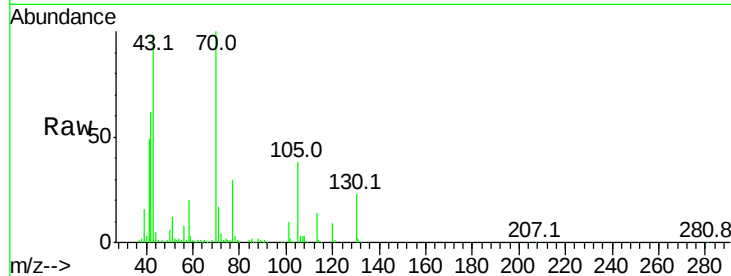
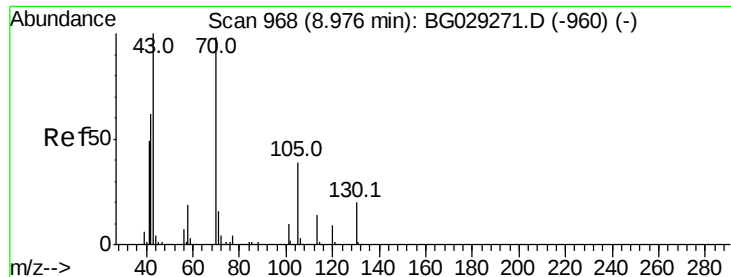
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#18
Hexachloroethane
Concen: 52.693 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	76.7	115.1	
201	120.1	95.7	143.5	





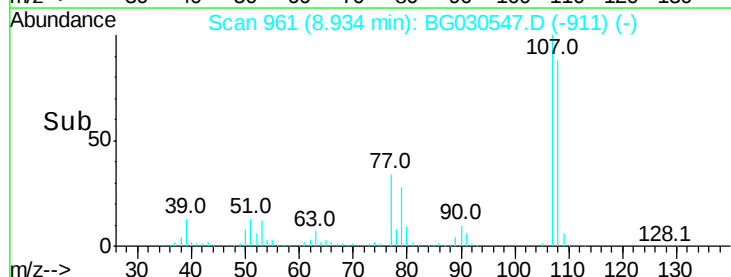
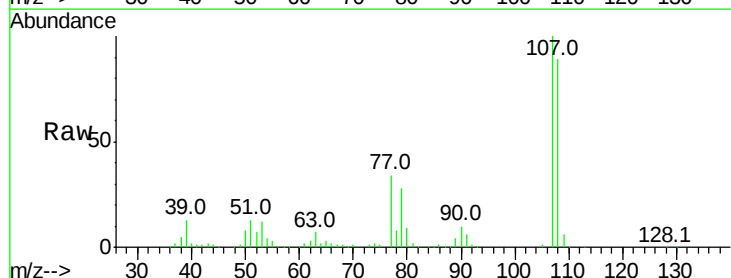
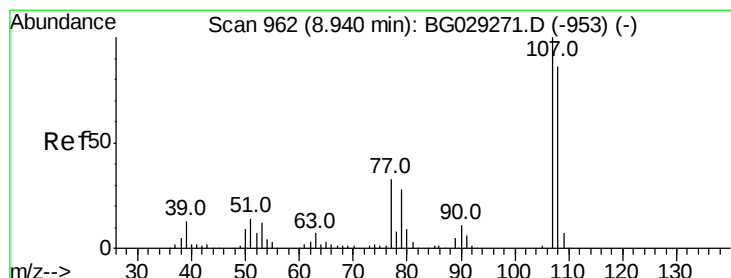
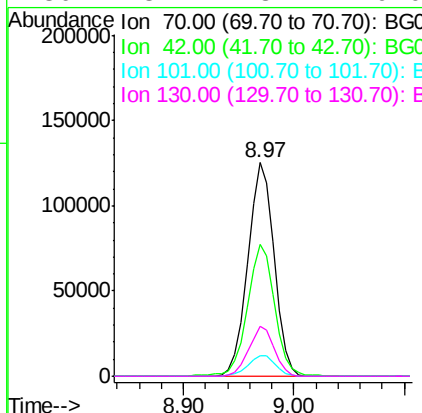
#19
n-Nitroso-di-n-propylamine
Concen: 53.554 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.1	73.7
101	9.7	8.5	12.7
130	23.2	13.4	20.0#

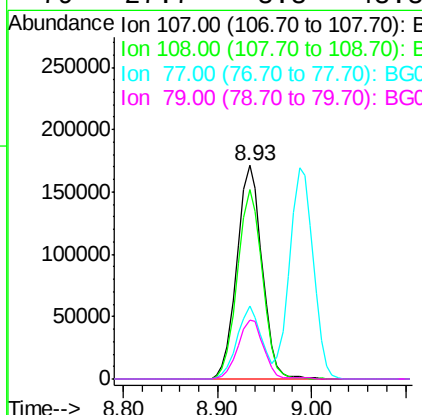
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#20
3+4-Methylphenols
Concen: 54.818 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	61.6	101.6
77	34.2	13.9	53.9
79	27.7	8.8	48.8





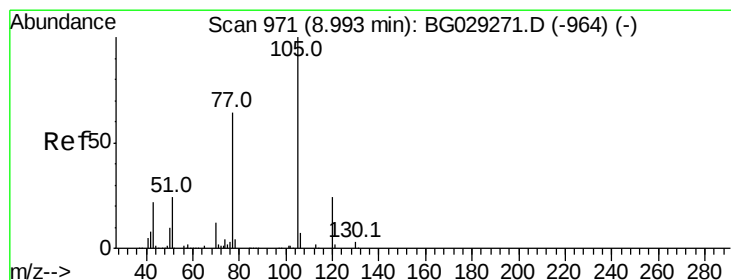
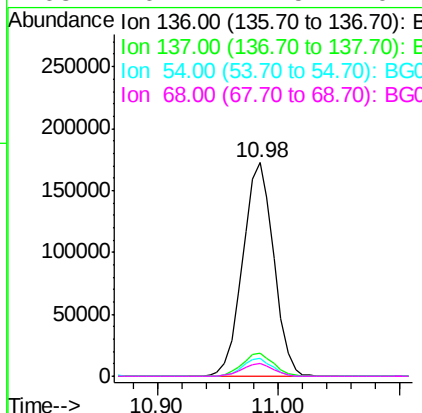
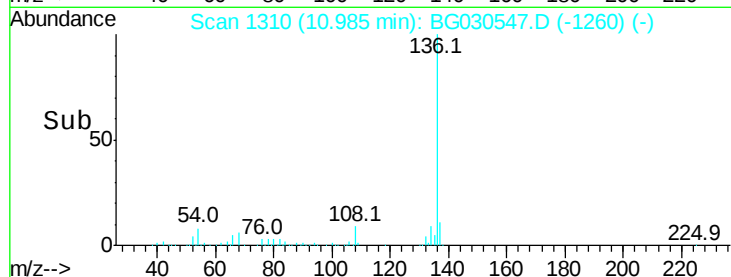
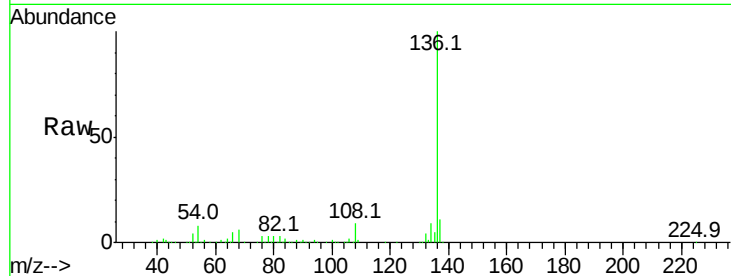
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	8.3	10.3	15.5	
68	6.1	4.5	6.7	

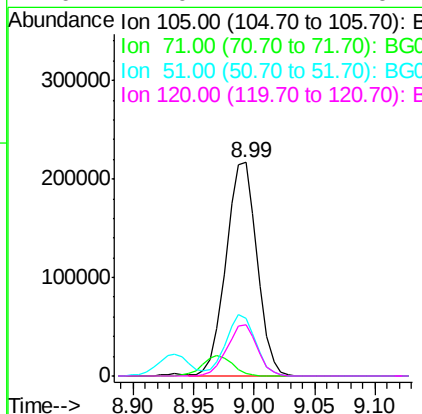
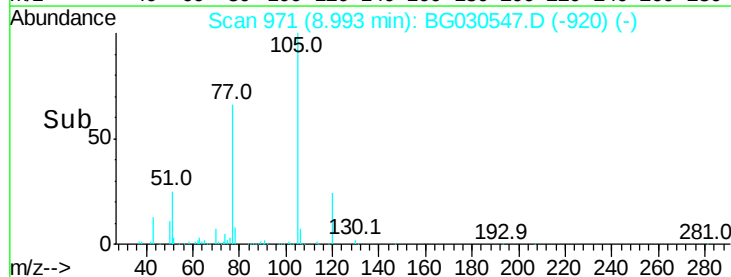
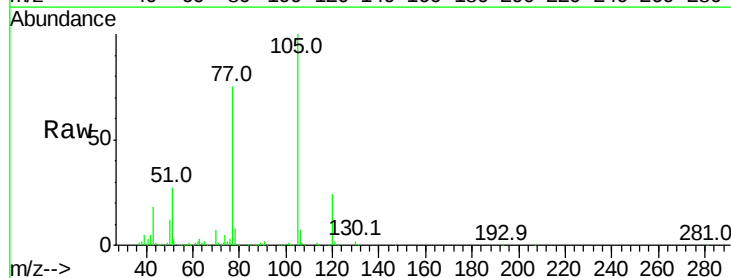
Manual Integrations
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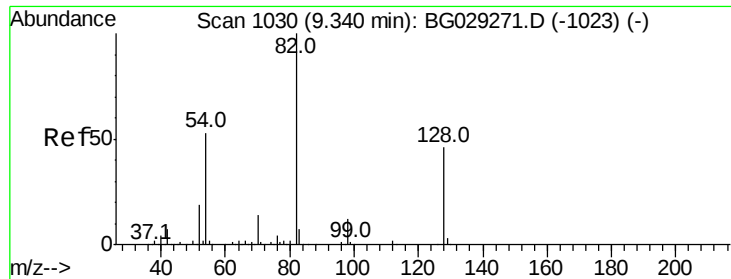
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#22
Acetophenone
Concen: 52.172 ng
RT: 8.99 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	26.7	26.1	39.1	
120	24.0	17.4	26.2	





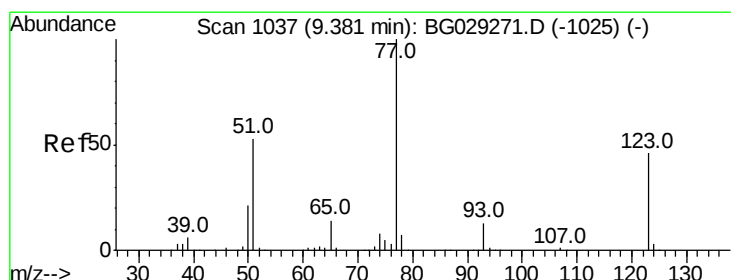
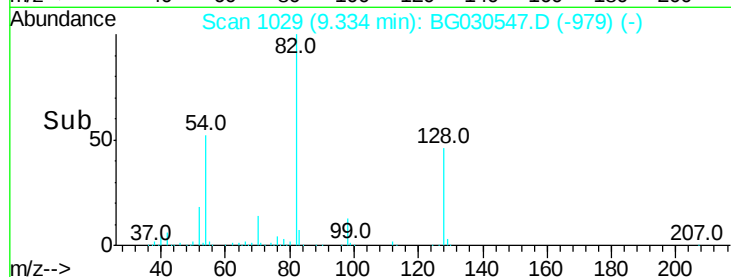
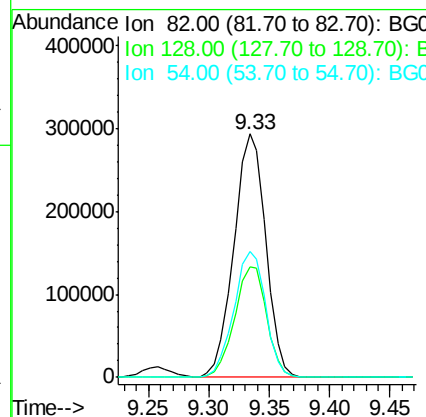
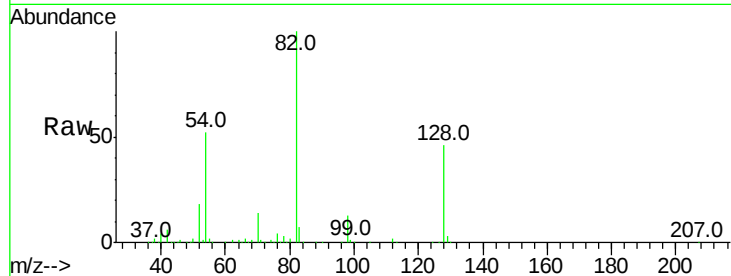
#23
 Nitrobenzene-d5
 Concen: 111.453 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	51.6	43.1	64.7

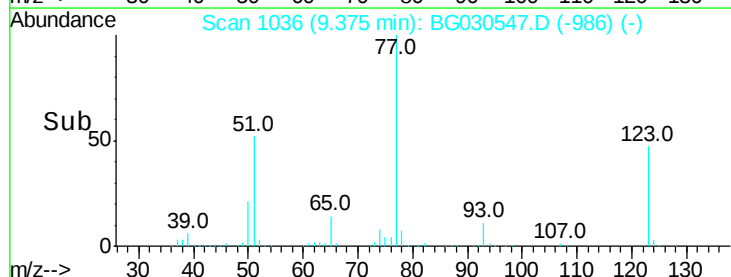
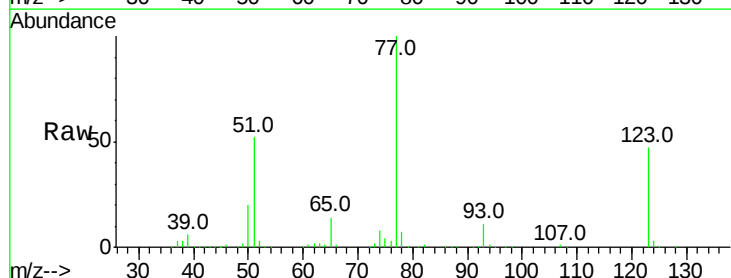
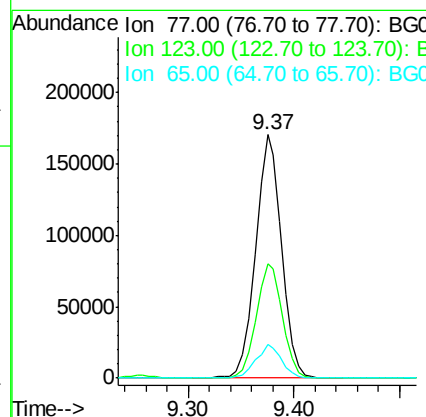
Manual Integrations
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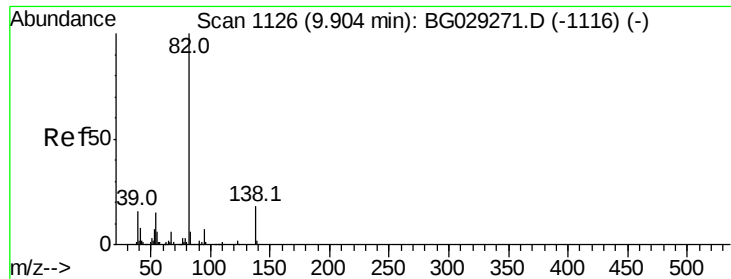
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#24
 Nitrobenzene
 Concen: 53.306 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 58.773 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

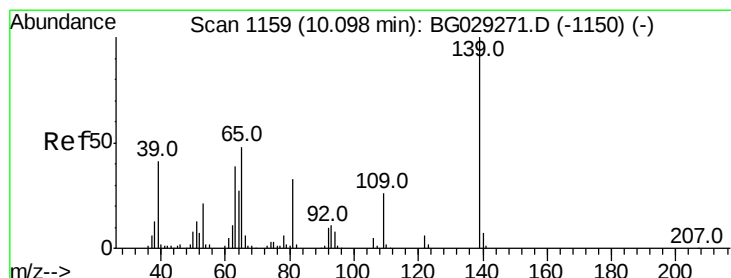
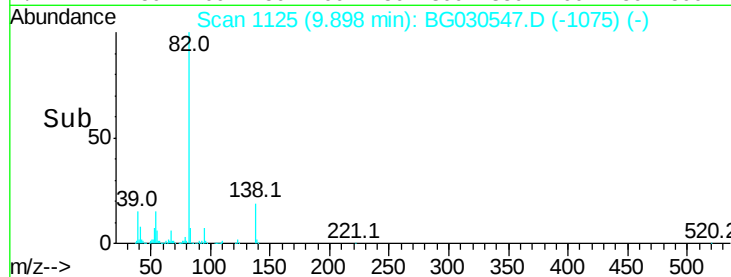
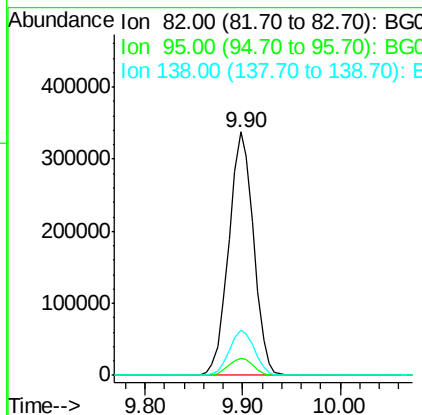
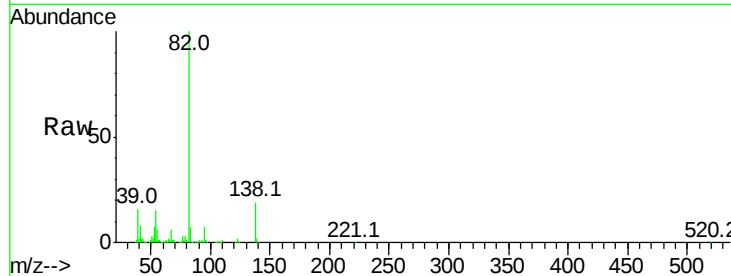
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	82	Resp:	592750
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.2	9.2
138	18.6	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.381 ng

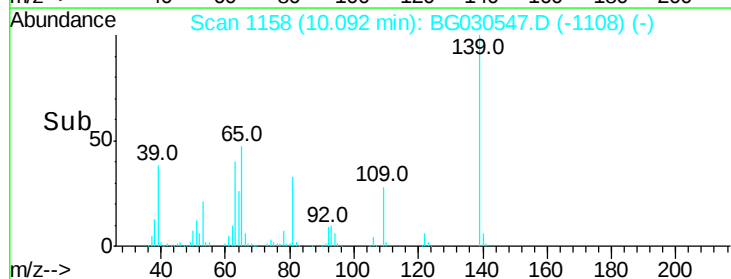
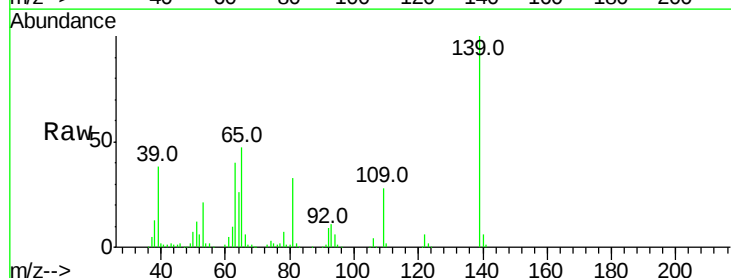
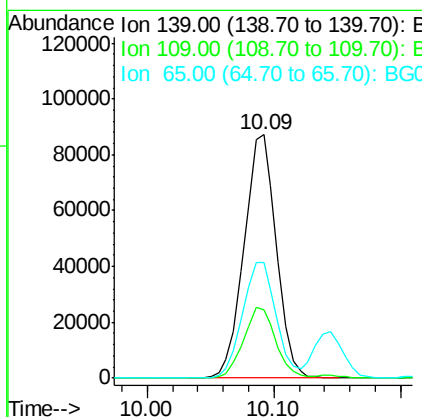
RT: 10.09 min Scan# 1158

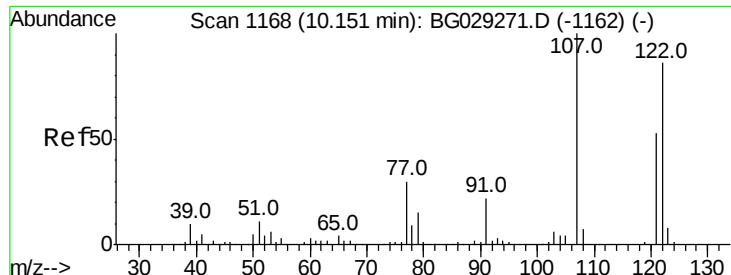
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	139	Resp:	154160
Ion Ratio	Lower	Upper	
139	100		
109	28.3	24.2	36.2
65	47.4	47.4	71.0





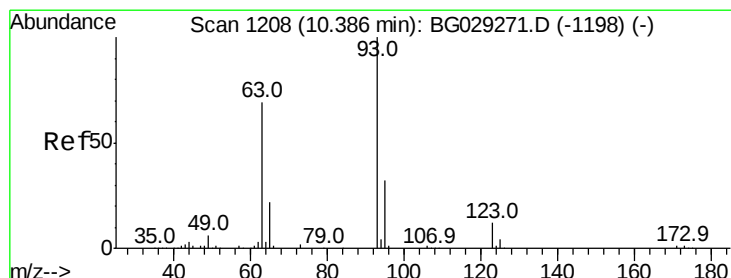
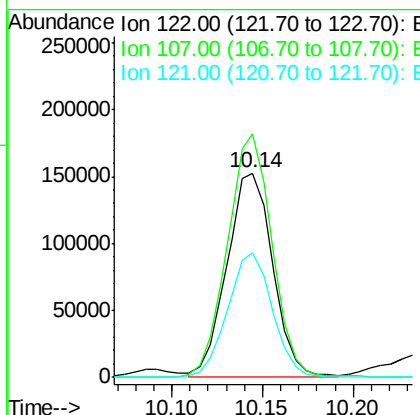
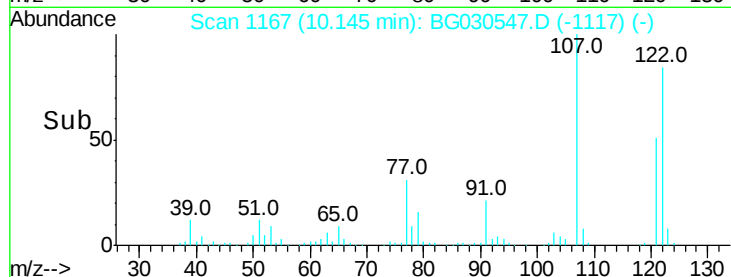
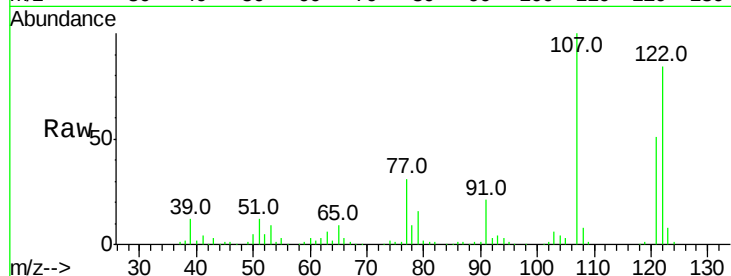
#27
2,4-Dimethylphenol
Concen: 56.600 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	100.2	150.2
121	61.3	44.4	66.6

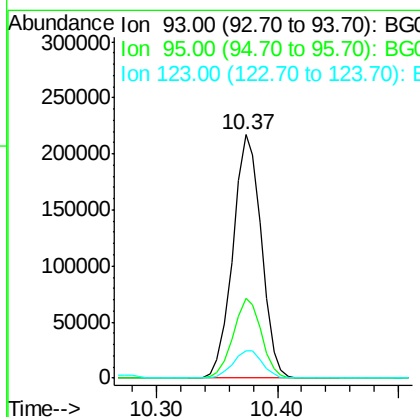
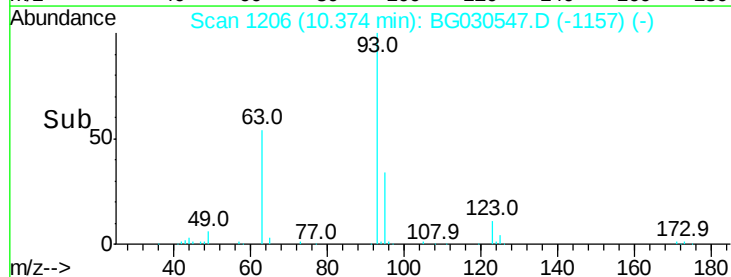
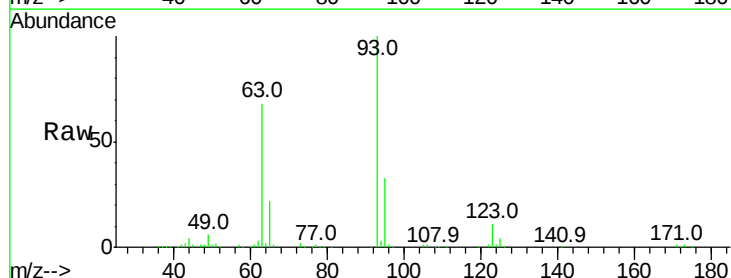
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#28
bis(2-Chloroethoxy)methane
Concen: 57.605 ng
RT: 10.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	11.4	8.4	12.6





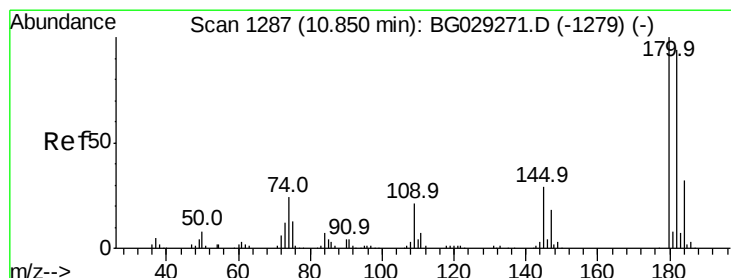
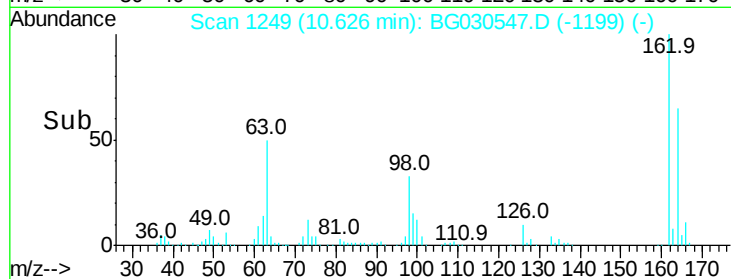
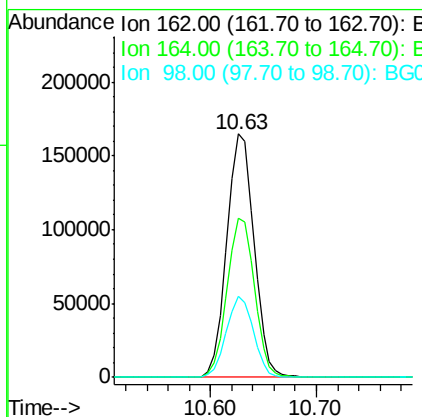
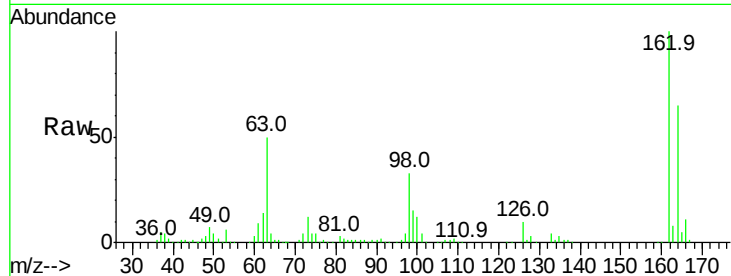
#29
 2,4-Dichlorophenol
 Concen: 58.825 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294646		
164	65.3	48.0	88.0	
98	33.4	21.1	61.1	

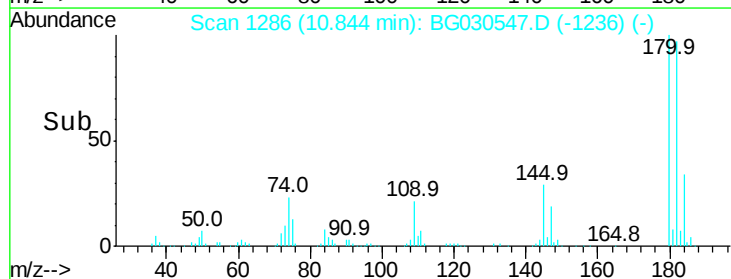
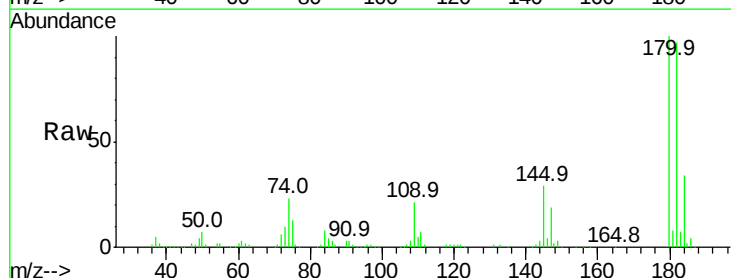
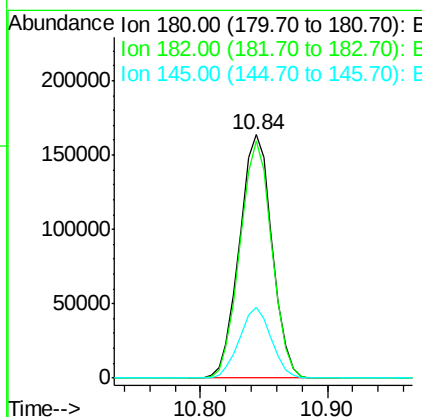
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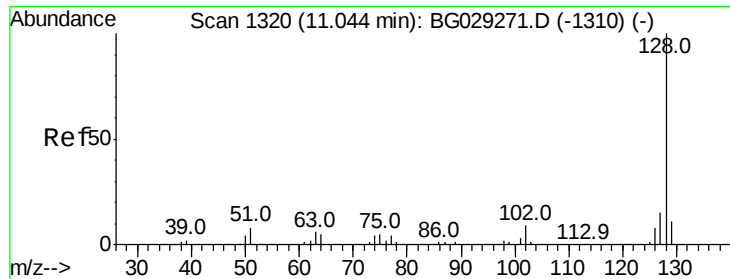
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.894 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	291638		
182	97.2	77.5	116.3	
145	29.2	23.4	35.2	





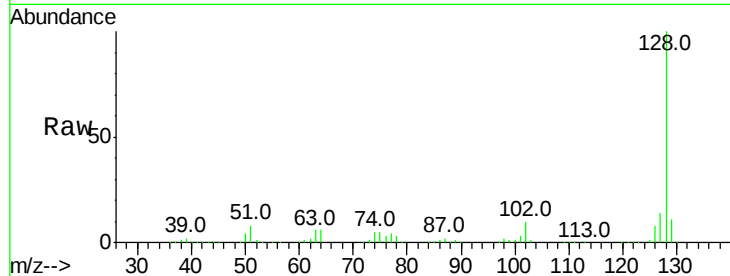
#31
Naphthalene
Concen: 51.981 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

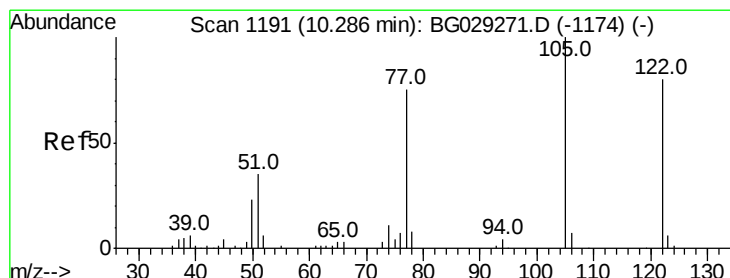
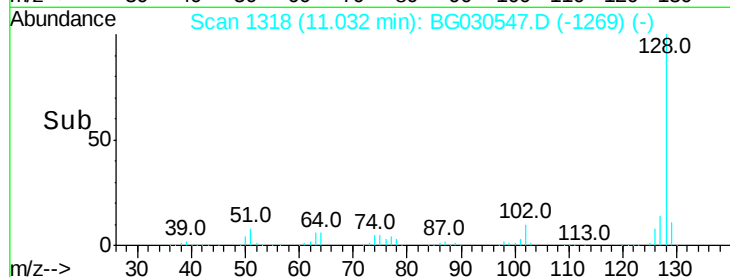
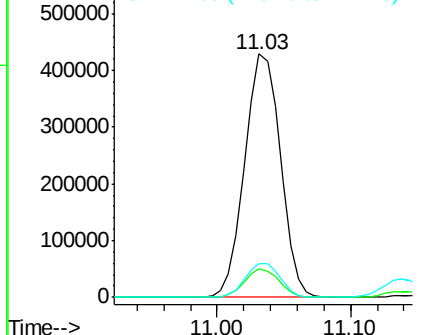
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.0	11.6	17.4

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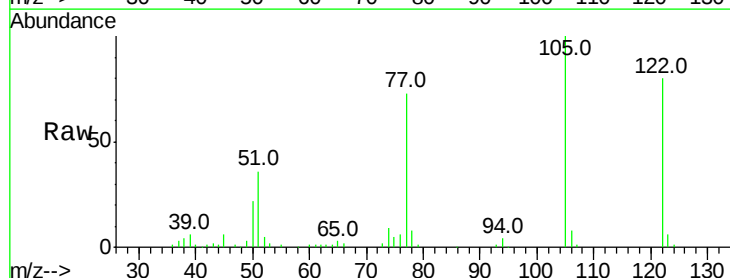


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

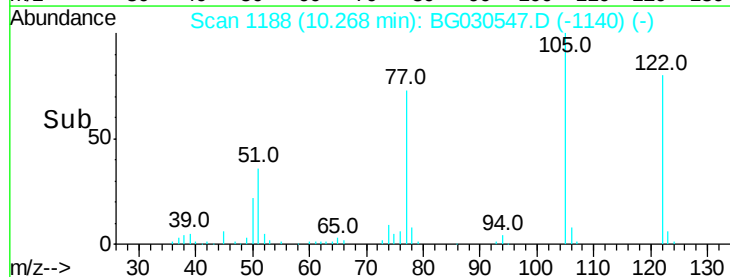
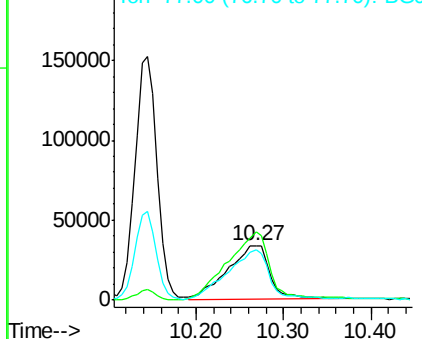


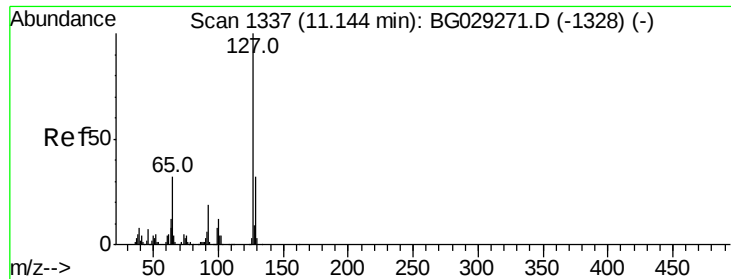
#32
Benzoic acid
Concen: 27.587 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	123.5	163.5
77	91.9	85.7	125.7



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





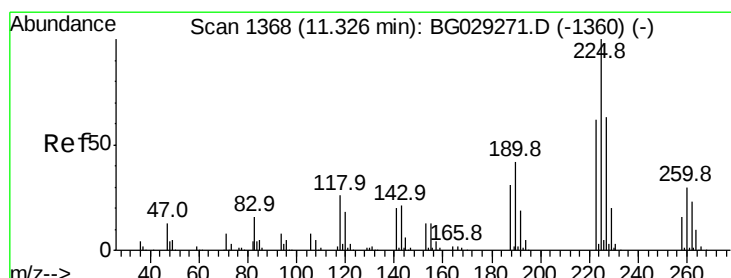
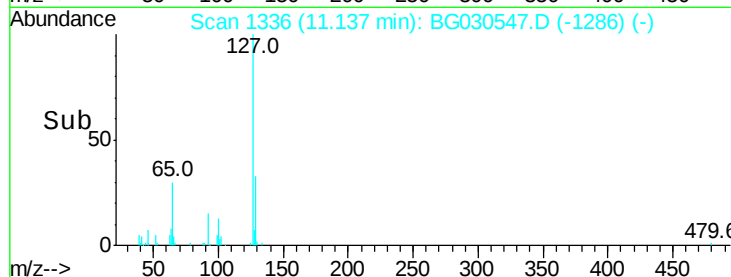
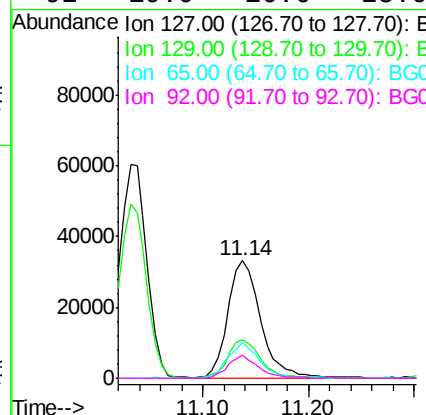
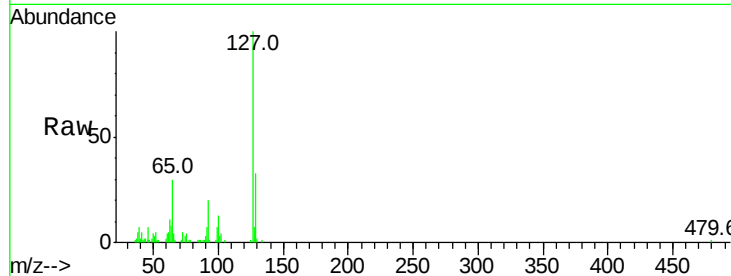
#33
4-Chloroaniline
Concen: 11.171 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	30.1	27.0	40.4
92	19.9	16.6	25.0

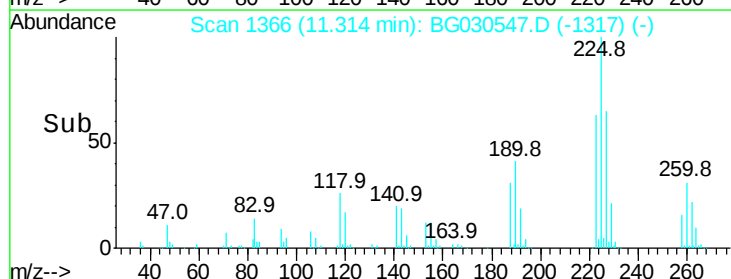
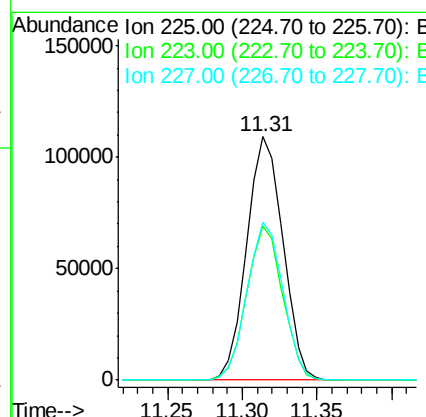
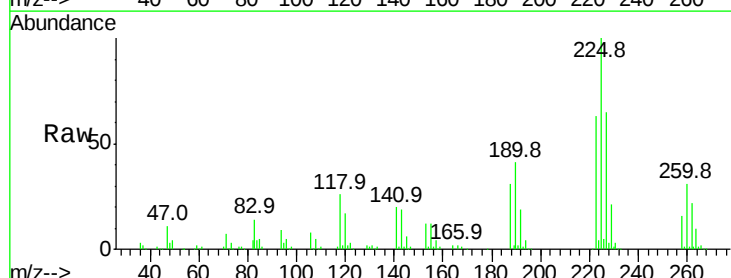
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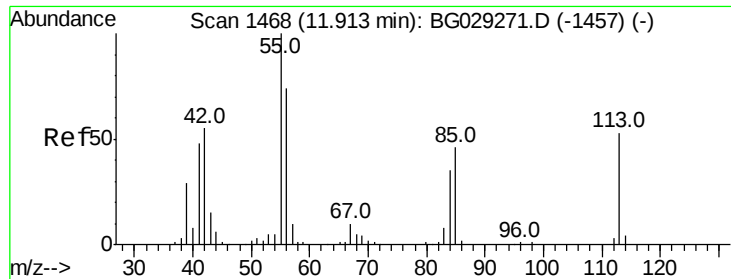
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#34
Hexachlorobutadiene
Concen: 54.527 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	65.0	48.1	72.1





#35

Caprolactam

Concen: 53.859 ng/mL

RT: 11.91 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:113 Resp: 89658

Ion Ratio Lower Upper

113 100

55 173.8 186.9 226.9#

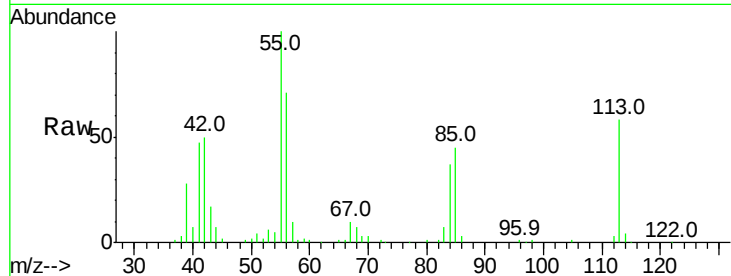
56 123.5 130.9 170.9#

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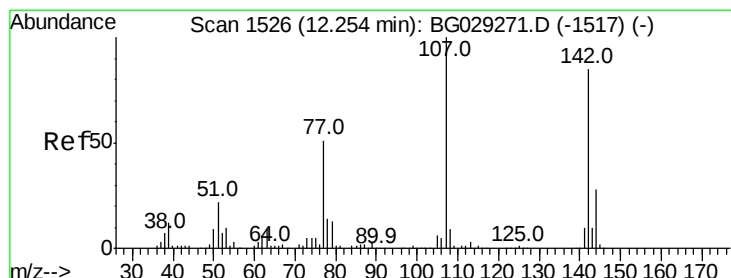
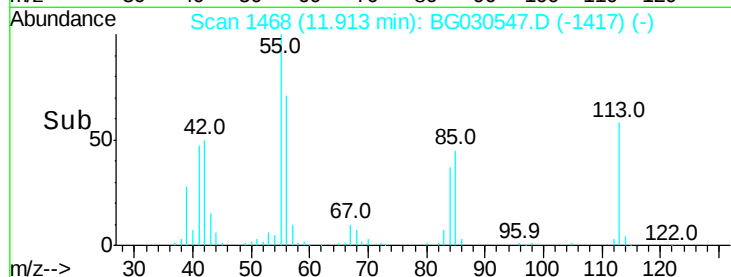
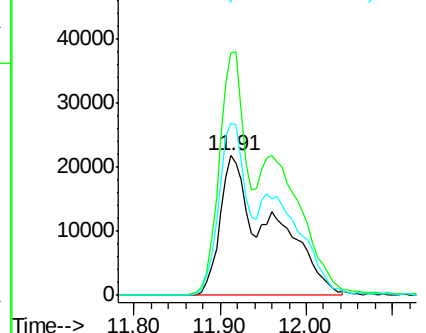
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.618 ng/mL

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

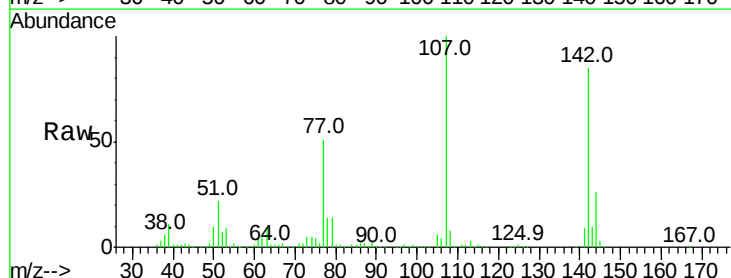
Tgt Ion:107 Resp: 311908

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

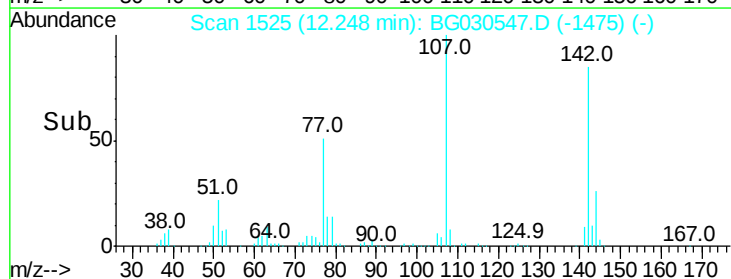
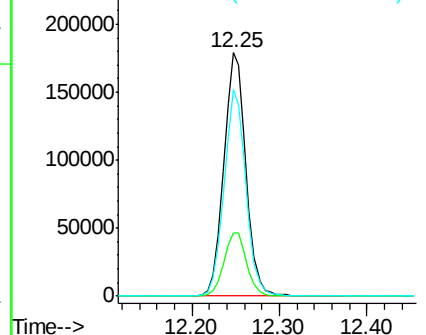
142 84.6 59.0 88.4

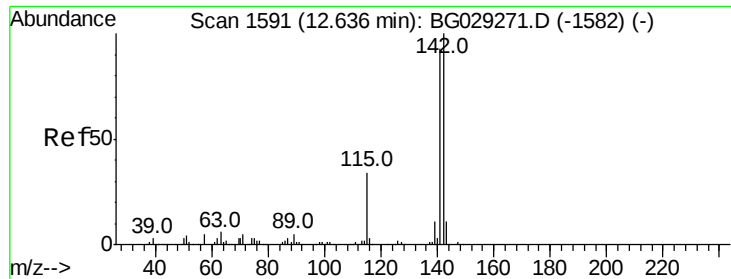


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





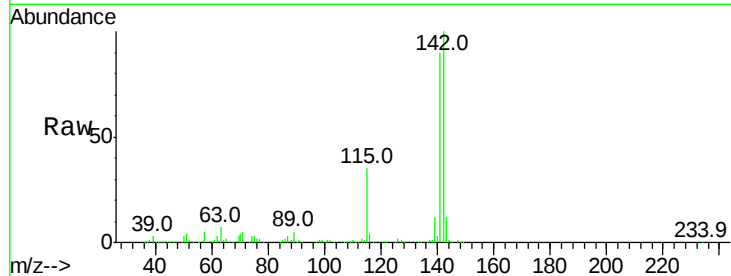
#37
2-Methylnaphthalene
Concen: 55.869 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	35.0	30.7	46.1

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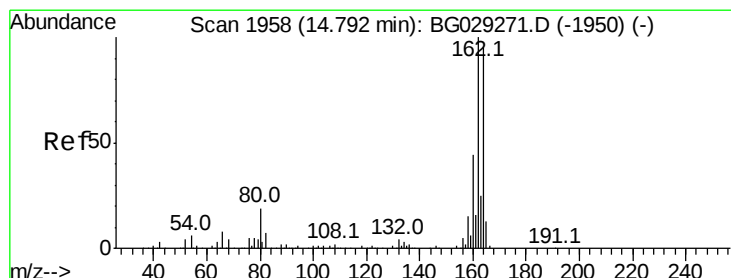
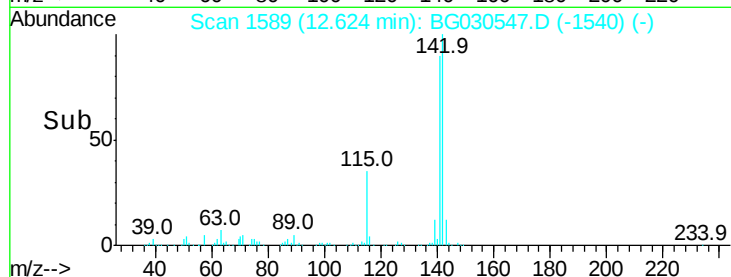
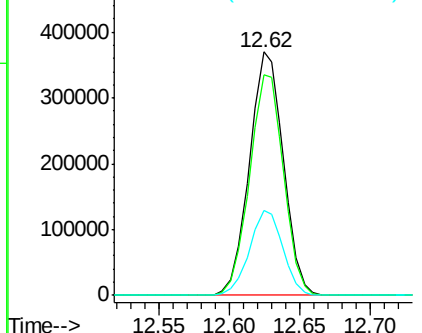


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

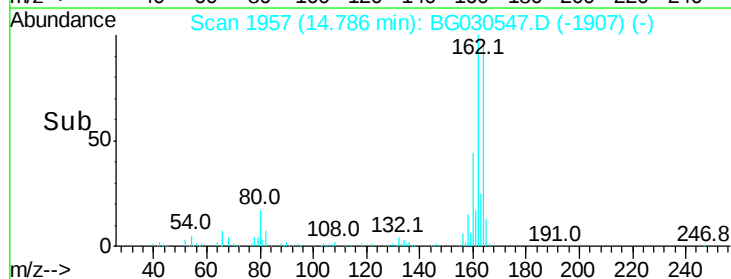
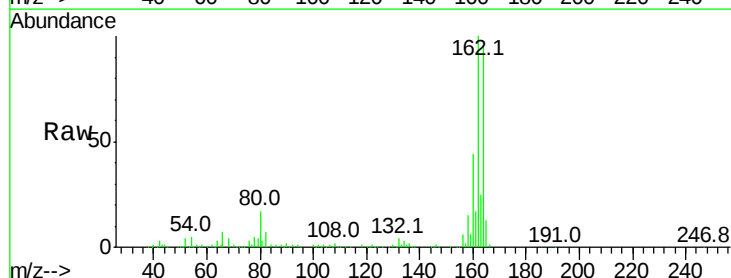
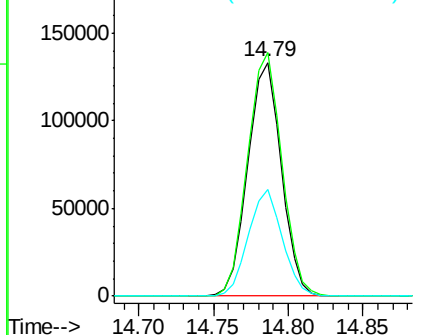
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	45.9	35.4	53.0

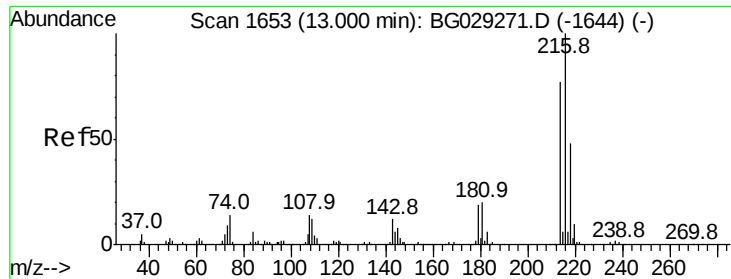
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





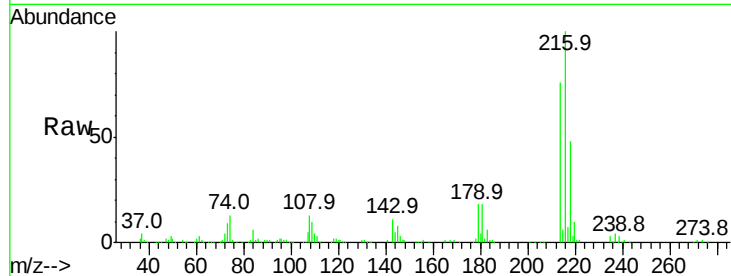
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.612 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.5	63.0	94.4	
179	19.5	17.0	25.6	
108	16.3	12.8	19.2	

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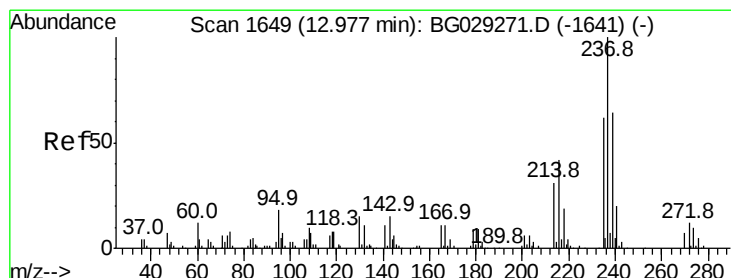
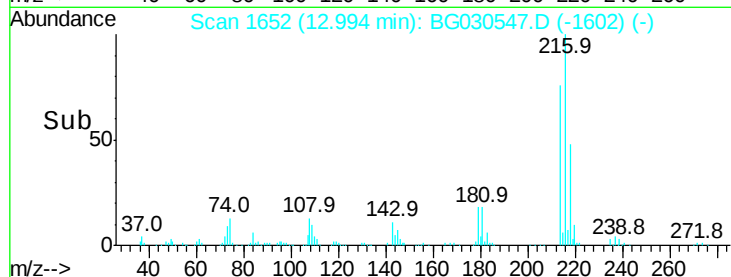
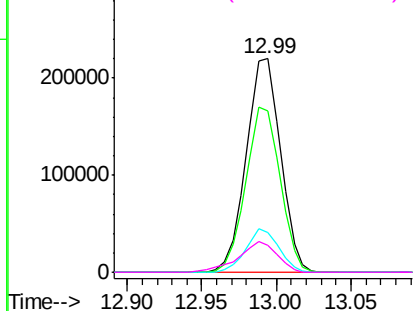


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

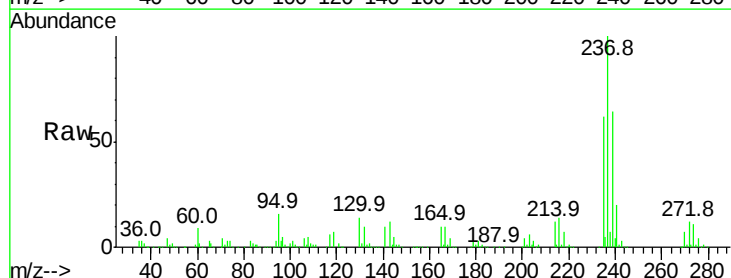
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 129.869 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

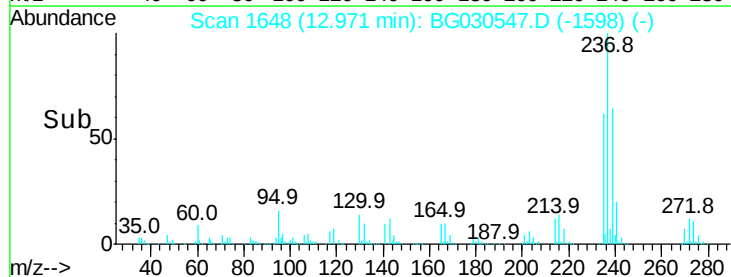
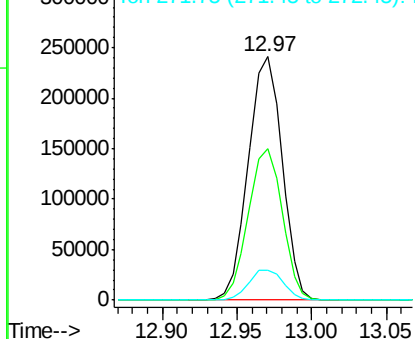
Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	50.4	90.4	
272	12.5	0.0	31.8	

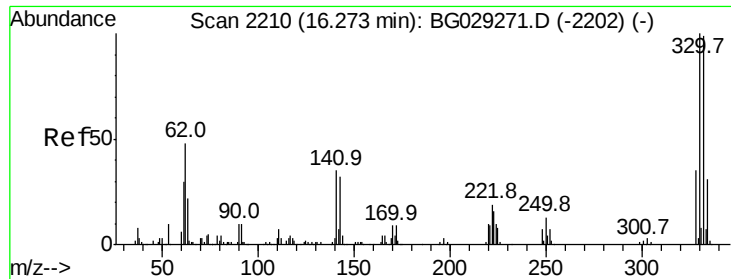


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 178.615 ng

RT: 16.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:330 Resp: 474976

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

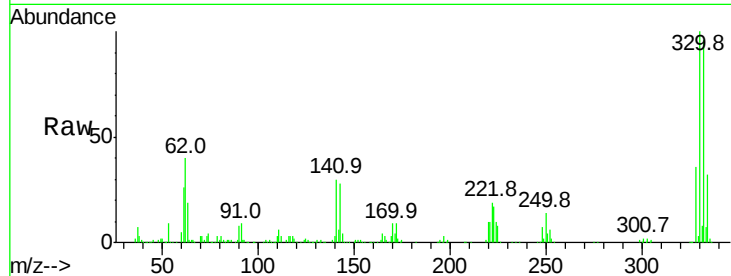
141 32.8 25.2 37.8

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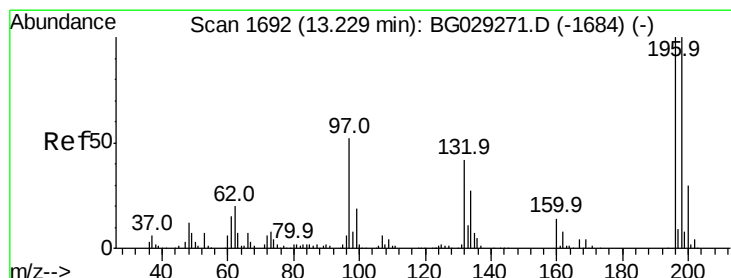
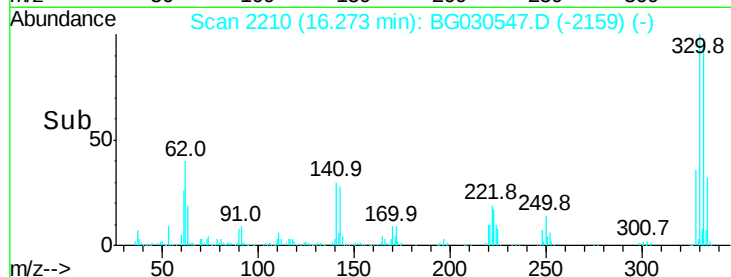
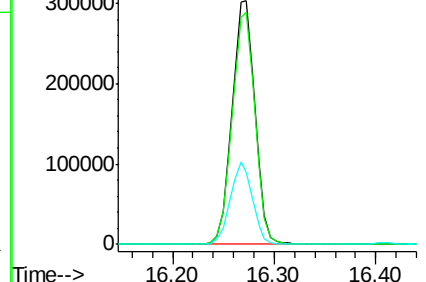
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 55.158 ng

RT: 13.22 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

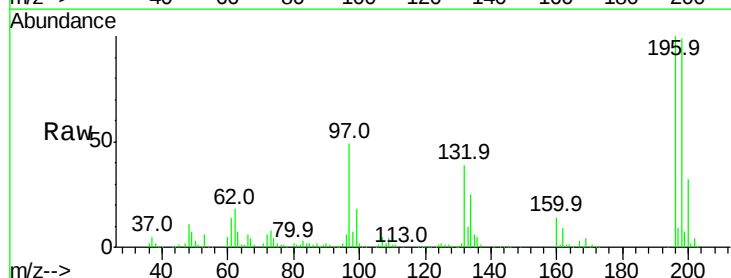
Tgt Ion:196 Resp: 260380

Ion Ratio Lower Upper

196 100

198 99.2 78.2 117.2

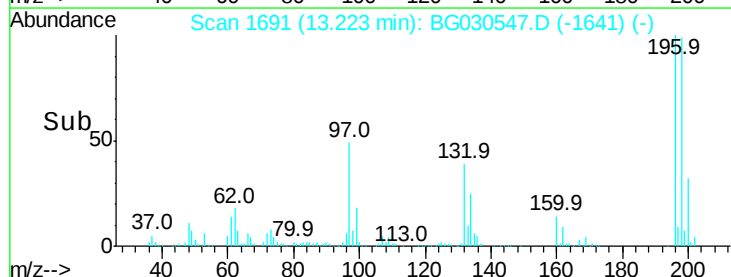
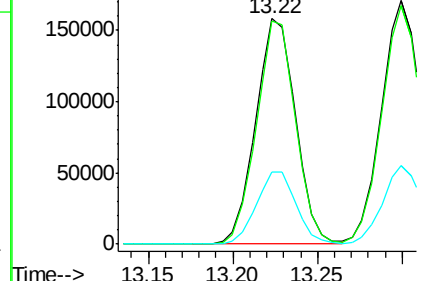
200 32.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





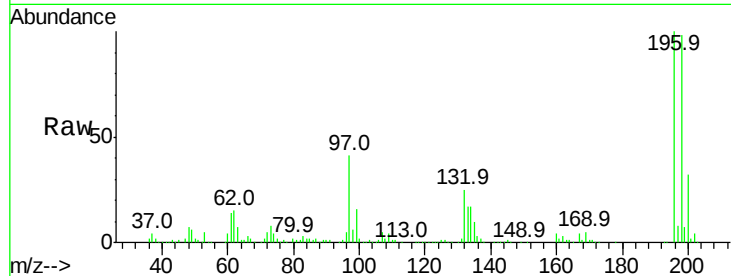
#43
 2,4,5-Trichlorophenol
 Concen: 58.536 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	196	Resp	283781
Ion Ratio	Lower	Upper	
196	100		
198	98.1	76.2	114.4
97	41.3	38.7	58.1
132	25.3	20.2	30.2

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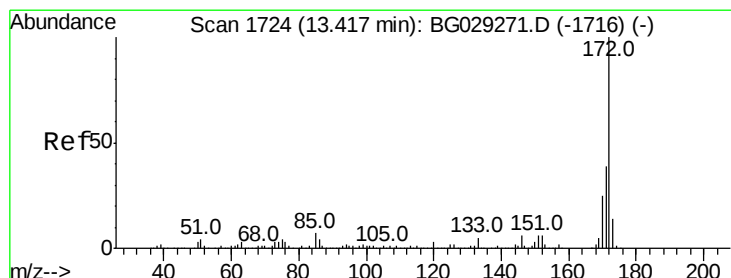
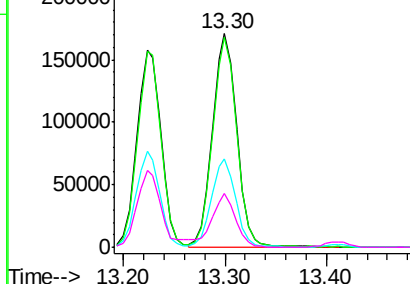
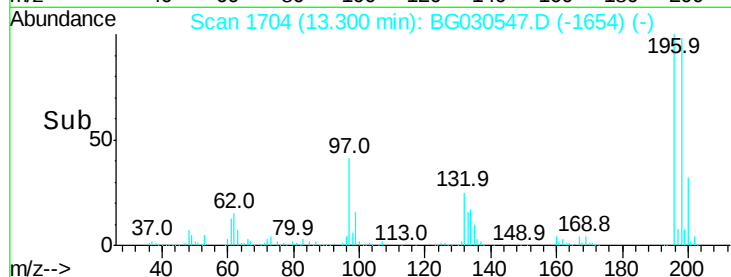
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

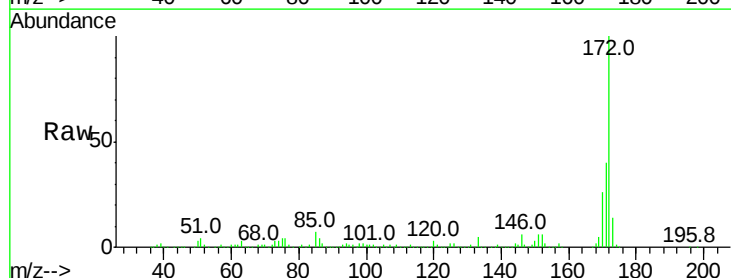
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.621 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	172	Resp	1384949
Ion Ratio	Lower	Upper	
172	100		
171	40.0	30.0	45.0
170	26.1	19.5	29.3

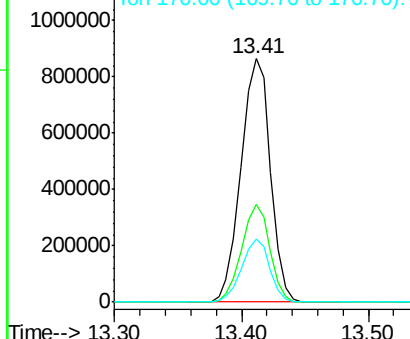
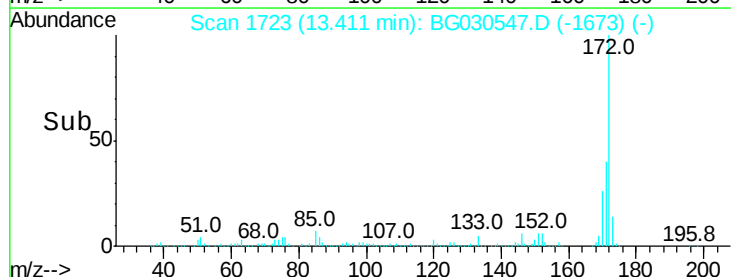


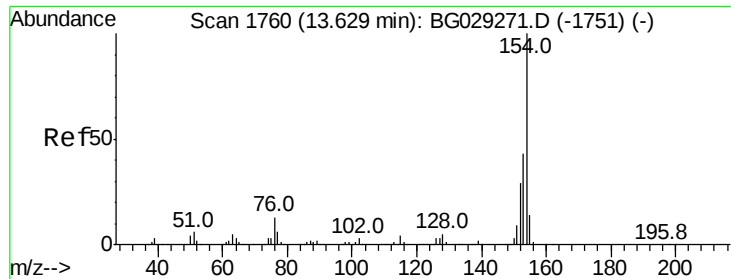
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





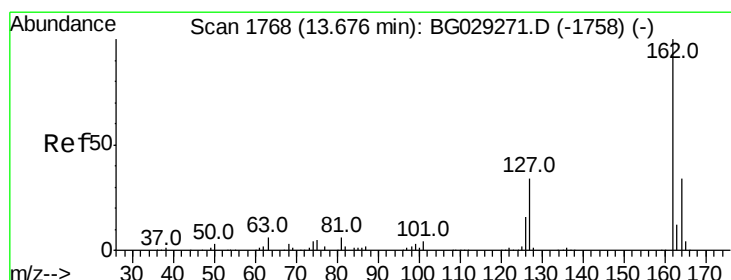
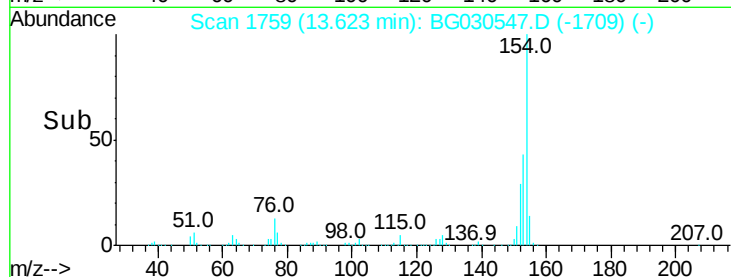
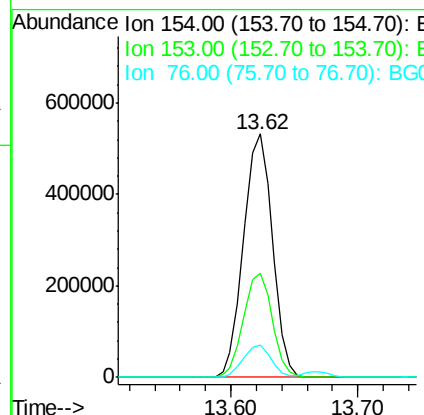
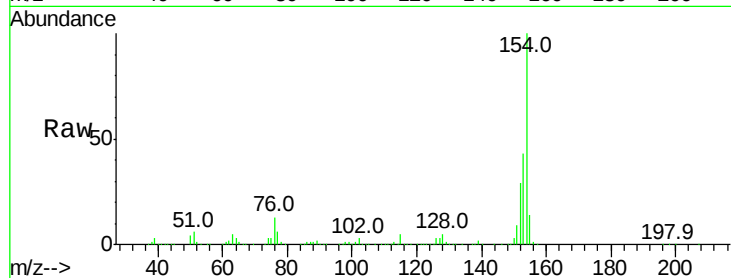
#45
 1,1'-Biphenyl
 Concen: 47.498 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.8	59.8
76	13.1	0.0	31.9

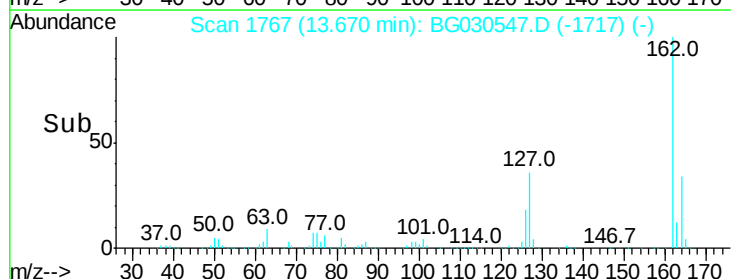
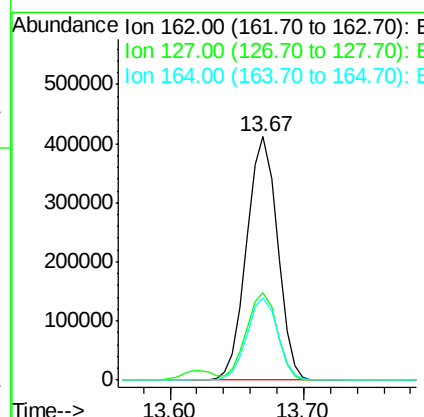
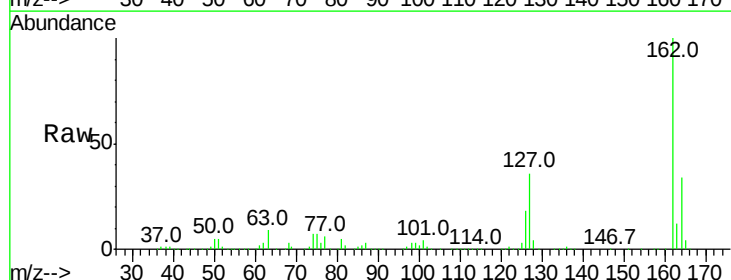
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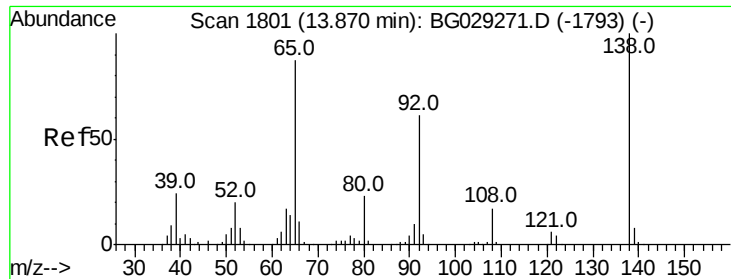
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#46
 2-Chloronaphthalene
 Concen: 50.876 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 59.769 ng

RT: 13.86 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

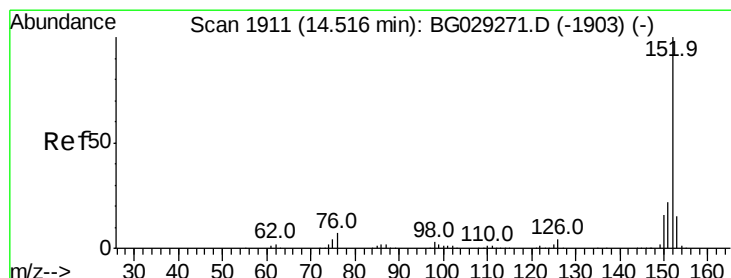
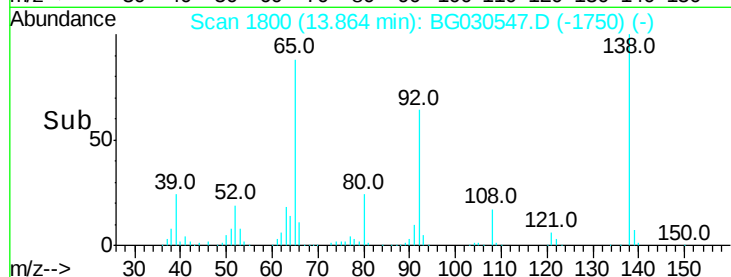
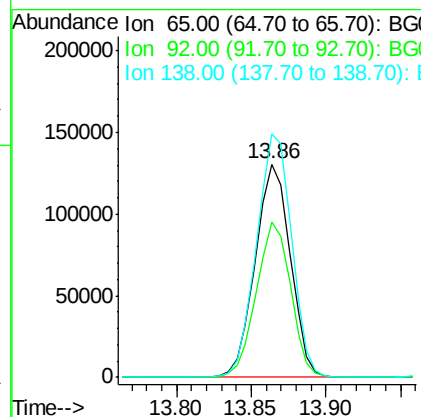
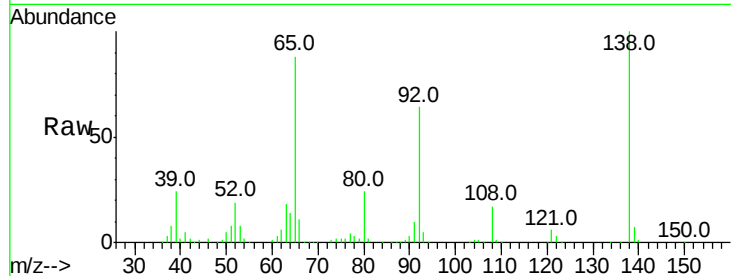
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	65	Resp:	211993
Ion Ratio	Lower	Upper	
65	100		
92	72.7	54.6	82.0
138	114.3	72.9	109.3#

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#48

Acenaphthylene

Concen: 51.738 ng

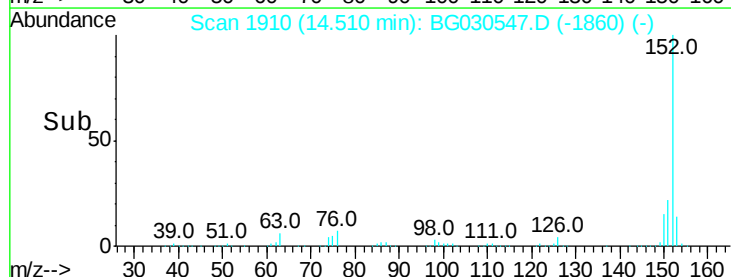
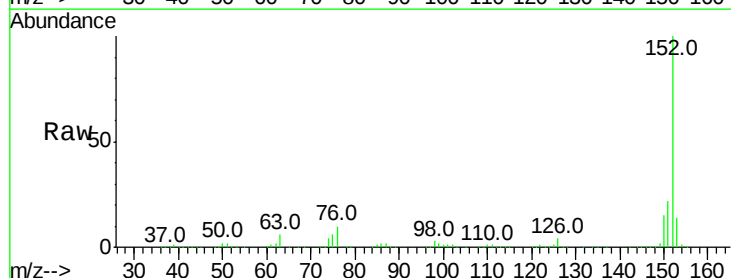
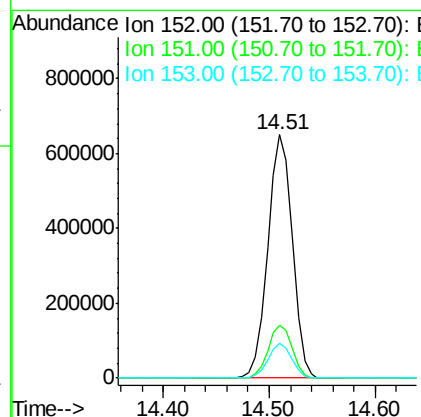
RT: 14.51 min Scan# 1910

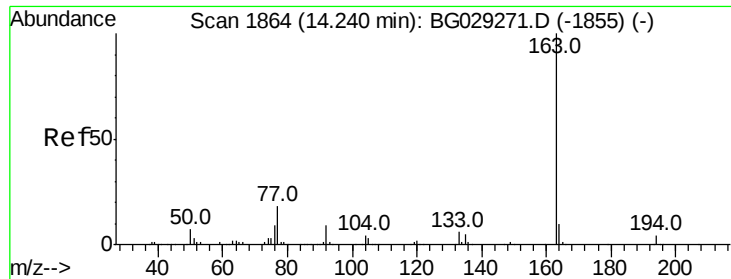
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	152	Resp:	1045595
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.2	25.8
153	14.5	10.2	15.4





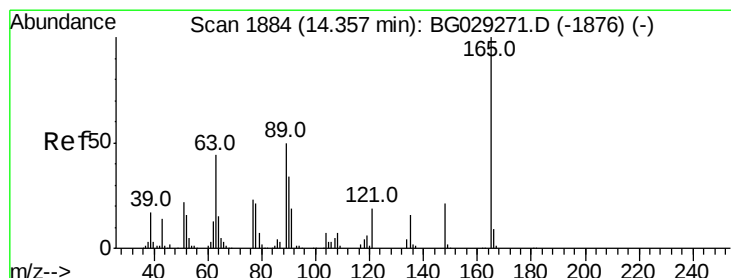
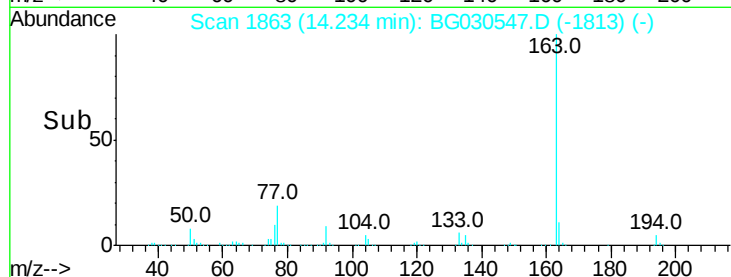
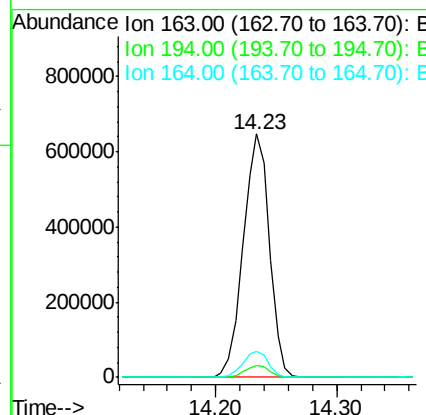
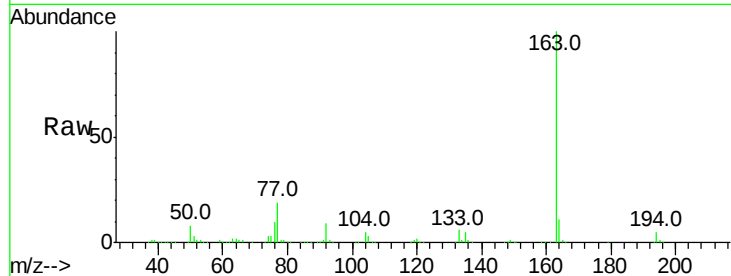
#49
Dimethylphthalate
Concen: 60.583 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.7	8.2	12.4

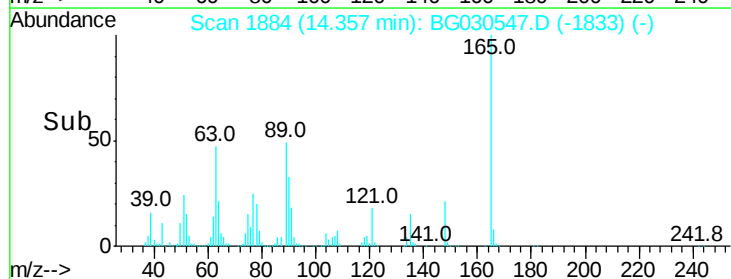
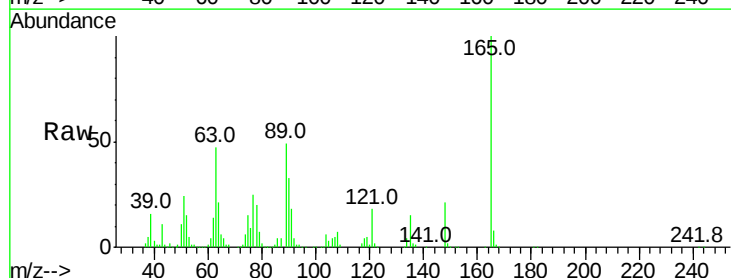
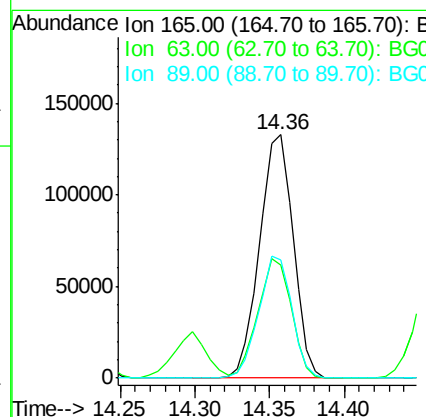
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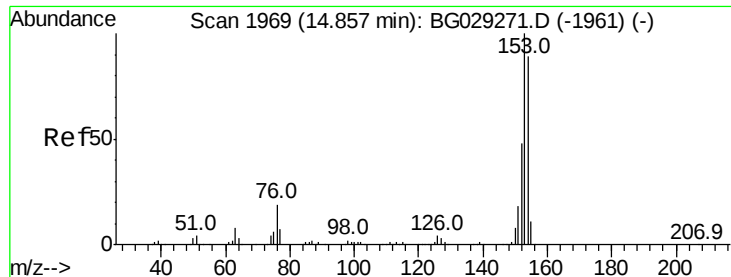
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#50
2,6-Dinitrotoluene
Concen: 61.368 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.5	52.7	79.1#
89	48.7	49.2	73.8#





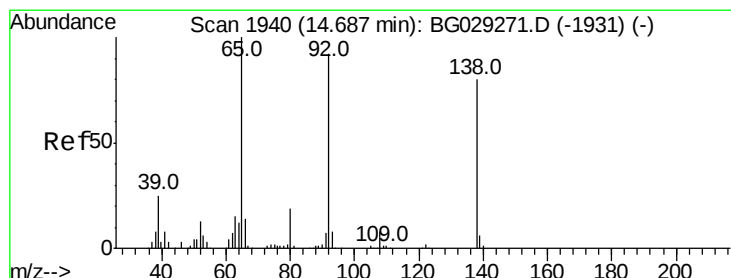
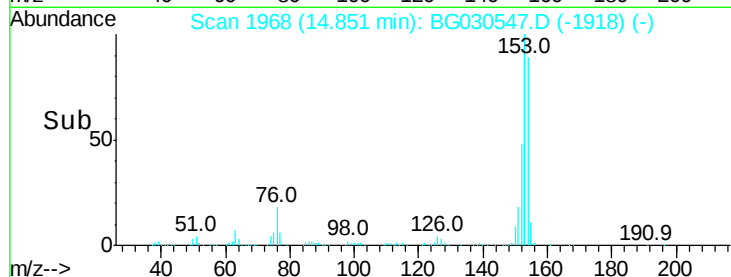
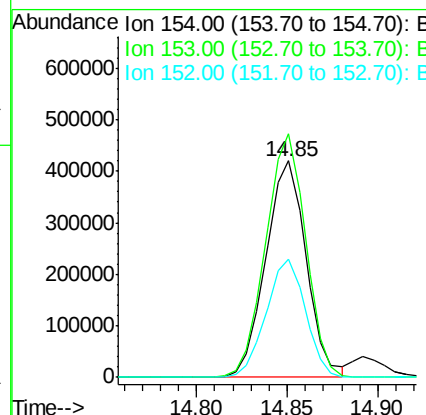
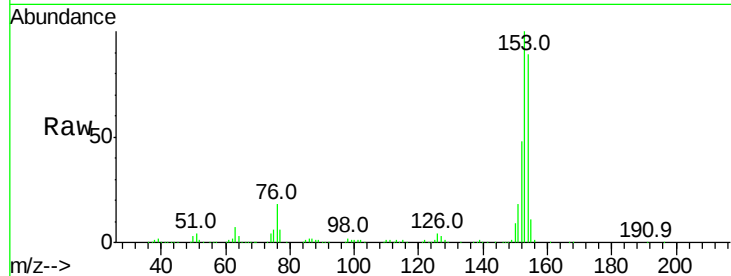
#51
Acenaphthene
Concen: 49.632 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.4	135.6
152	54.5	41.6	62.4

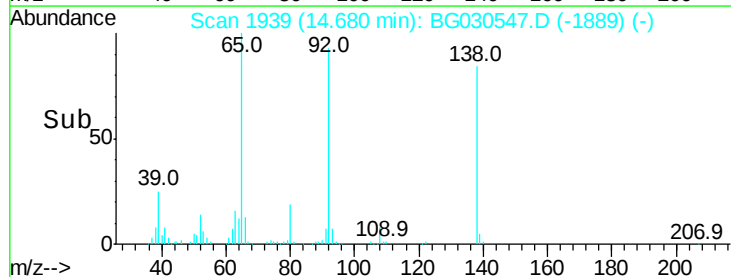
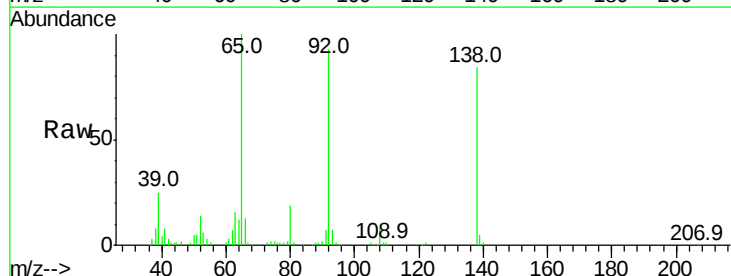
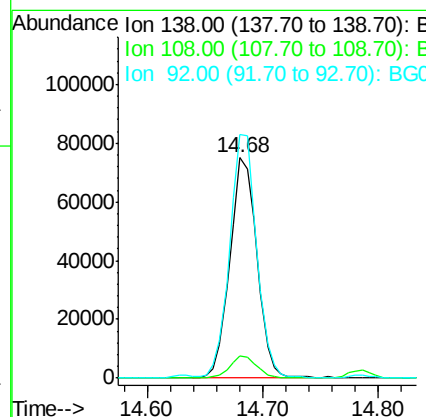
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#52
3-Nitroaniline
Concen: 33.722 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	17.5	26.3#
92	110.4	105.8	158.8





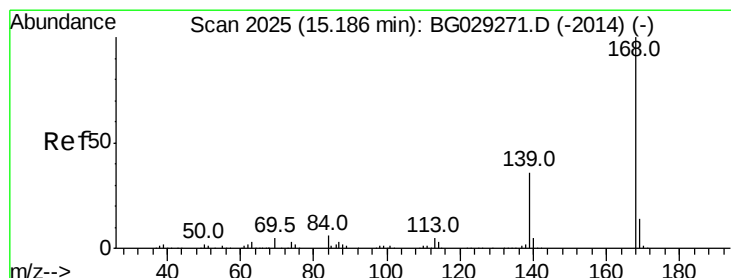
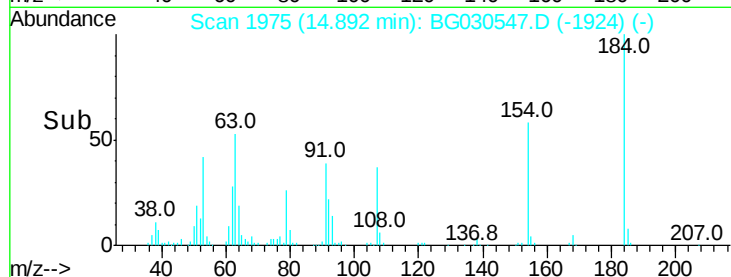
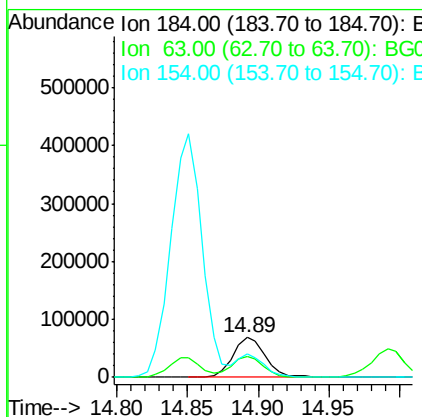
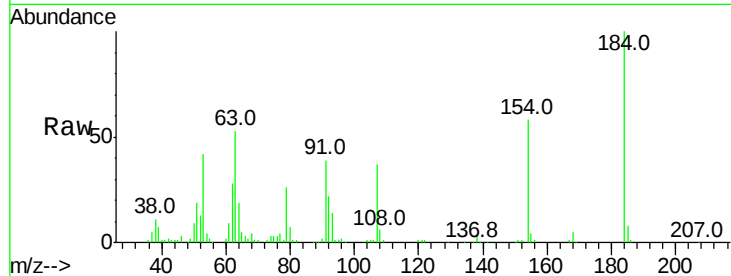
#53
 2,4-Dinitrophenol
 Concen: 61.054 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.8	59.8	89.8#
154	57.7	101.8	152.8#

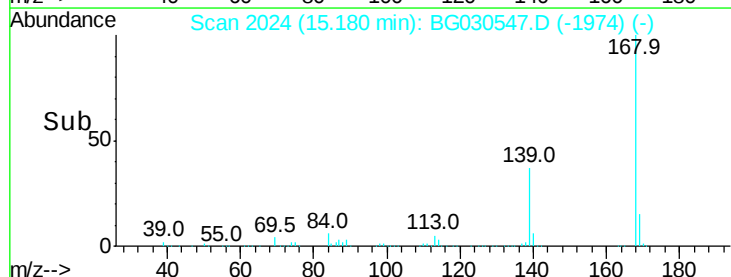
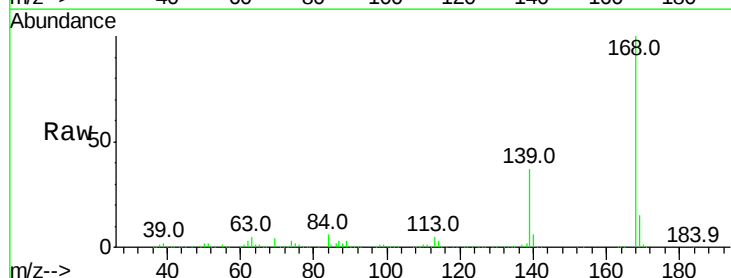
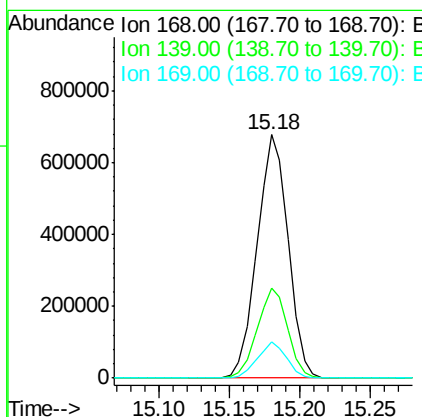
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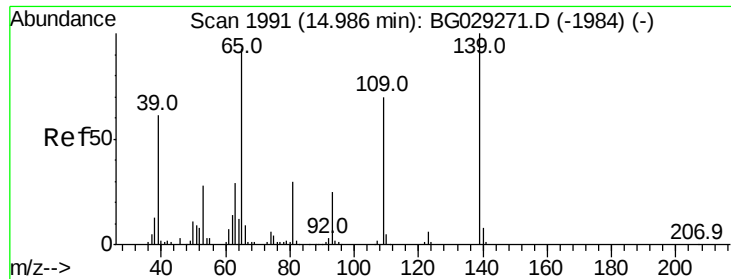
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#54
 Dibenzofuran
 Concen: 55.716 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.6	43.0
169	14.7	11.2	16.8





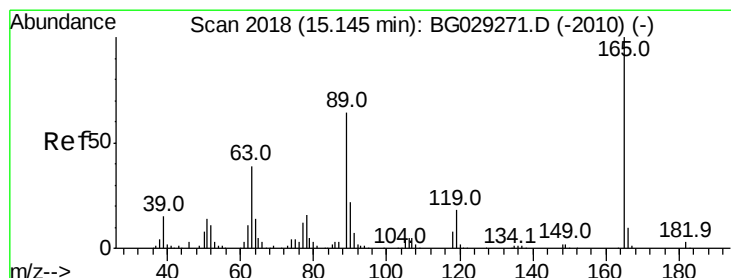
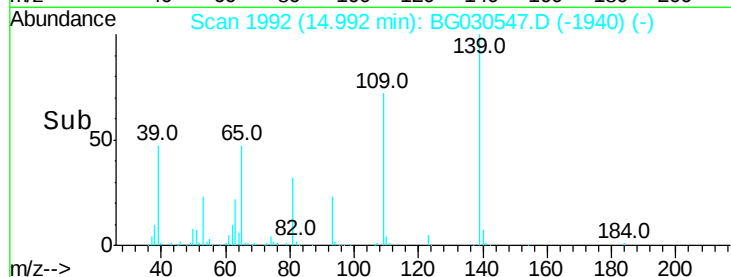
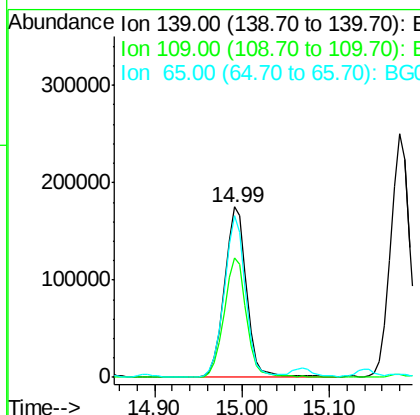
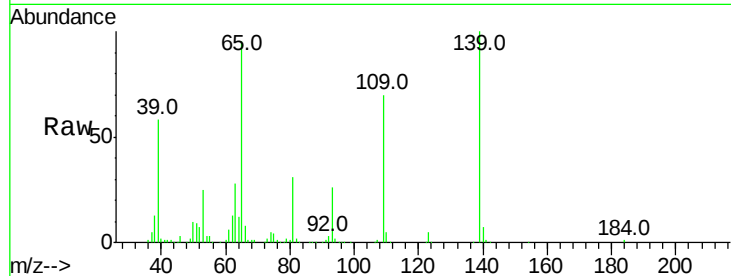
#55
4-Nitrophenol
Concen: 101.071 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.9	62.2	102.2
65	94.9	97.2	137.2#

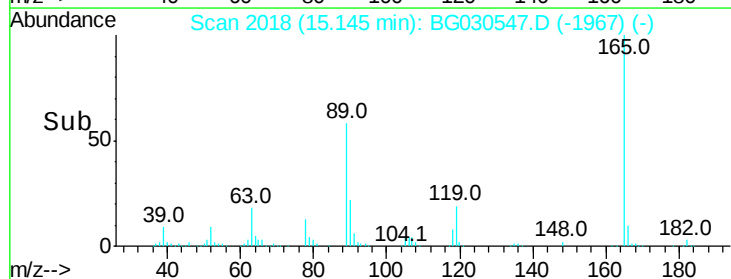
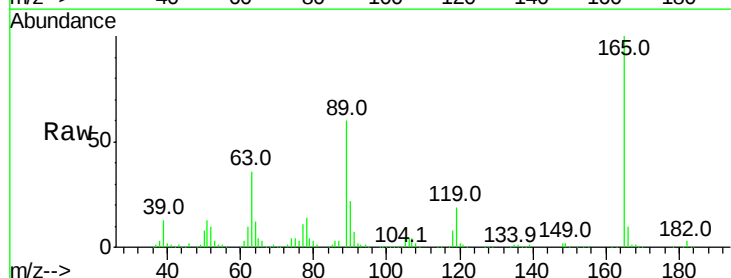
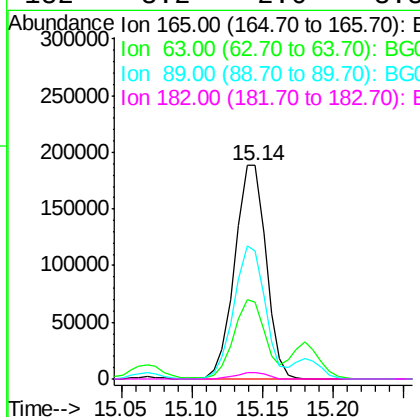
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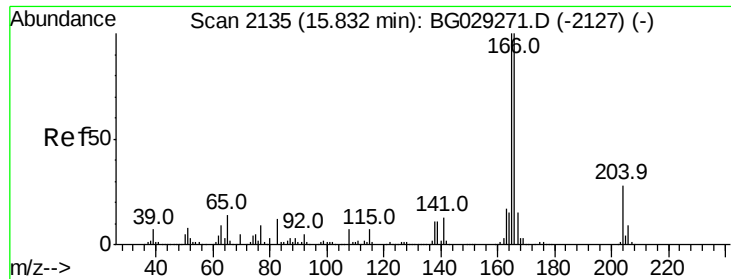
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#56
2,4-Dinitrotoluene
Concen: 64.009 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.1	42.0	63.0#
89	60.1	66.9	100.3#
182	3.2	2.6	3.8





#57

Fluorene

Concen: 53.547 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

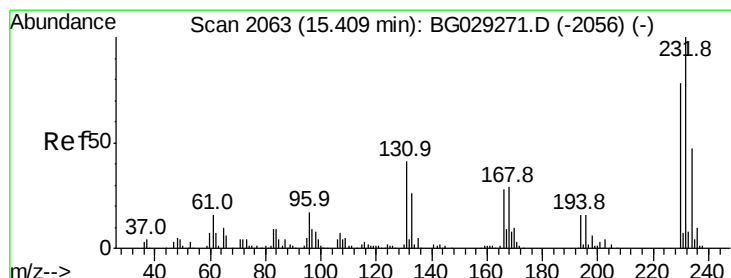
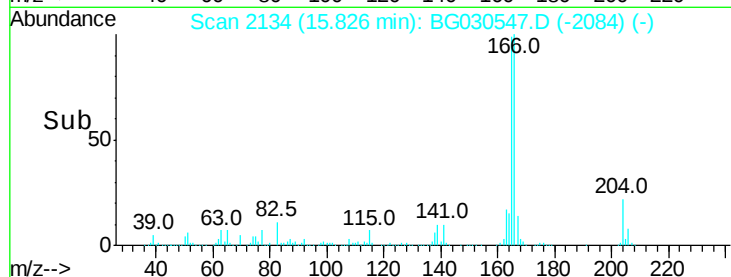
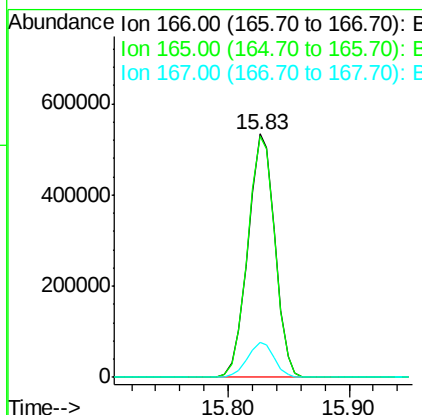
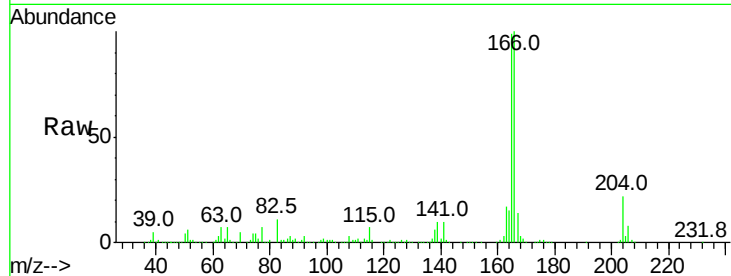
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	166	Resp:	830340
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 67.029 ng

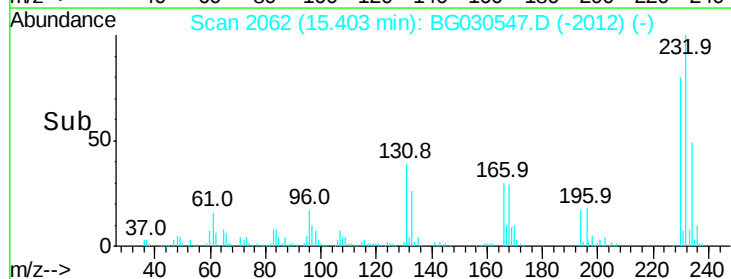
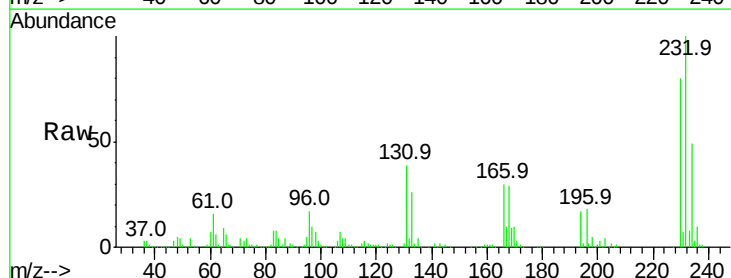
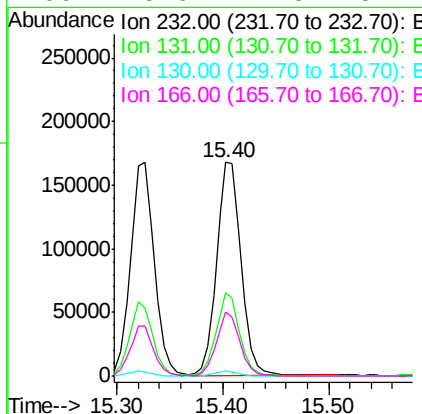
RT: 15.40 min Scan# 2062

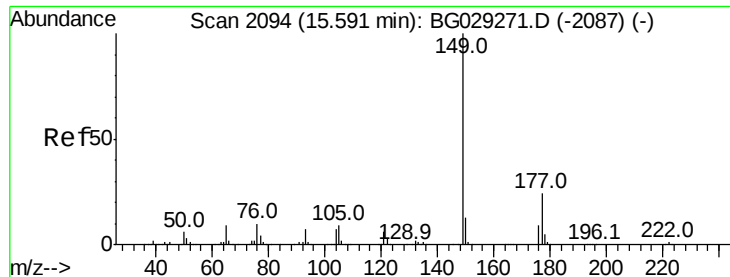
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	232	Resp:	271109
Ion Ratio	Lower	Upper	
232	100		
131	37.4	33.5	50.3
130	2.2	2.2	3.2
166	28.6	24.8	37.2





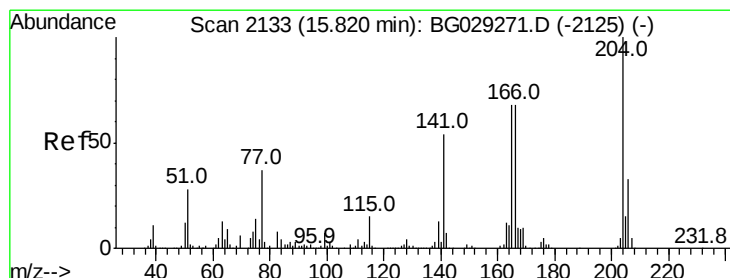
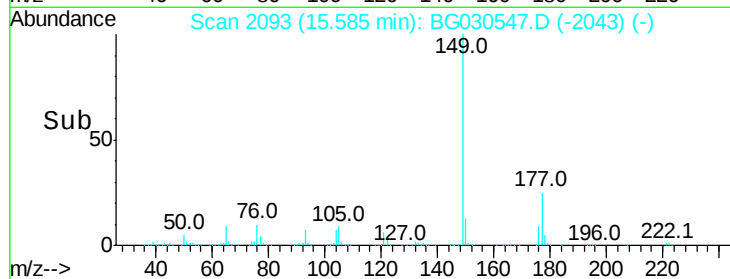
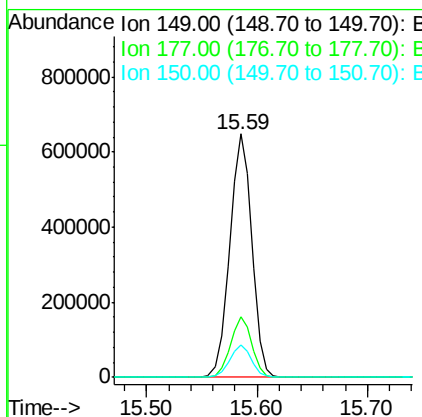
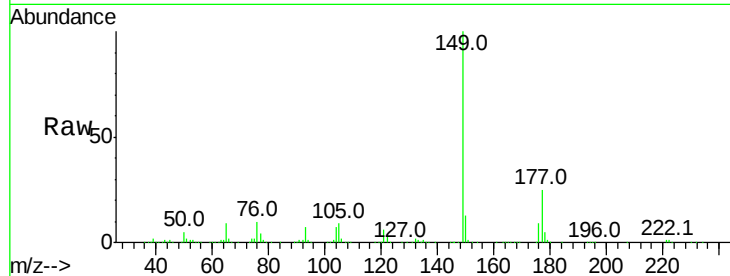
#59
 Diethylphthalate
 Concen: 56.432 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion:	149	Resp:	903771
Ion Ratio	Lower	Upper	
149	100		
177	25.1	18.5	27.7
150	13.3	10.2	15.2

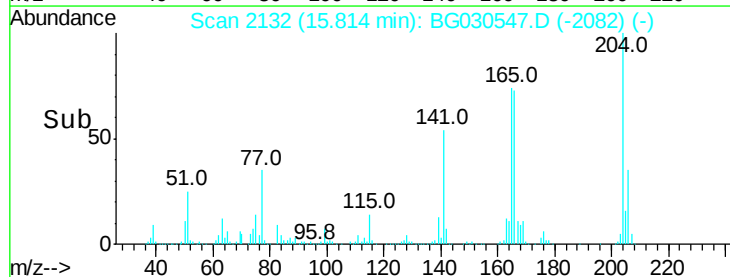
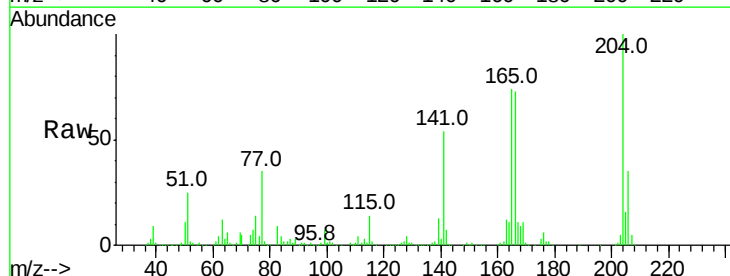
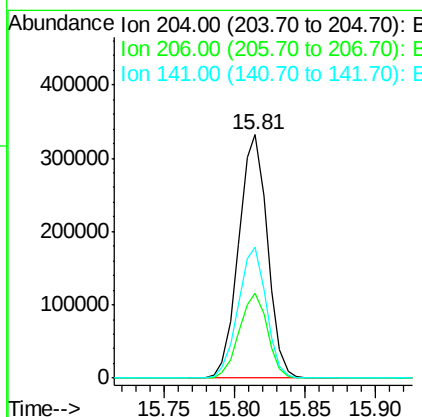
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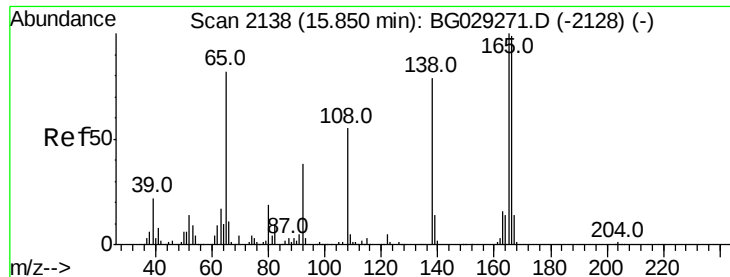
Sohil
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#60
 4-Chlorophenyl-phenylether
 Concen: 57.098 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:	204	Resp:	472074
Ion Ratio	Lower	Upper	
204	100		
206	34.7	26.2	39.2
141	53.8	45.8	68.6





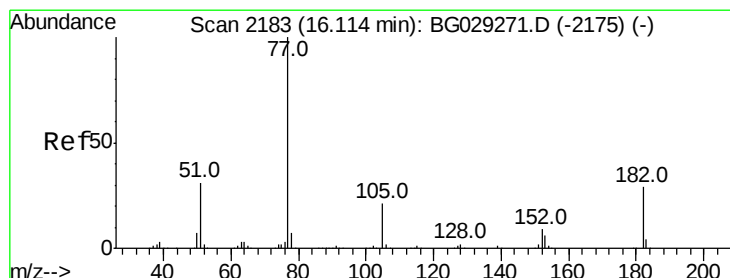
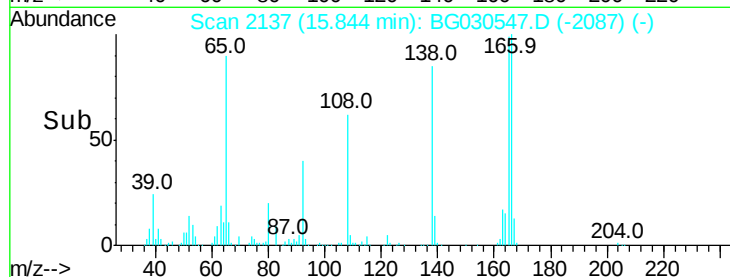
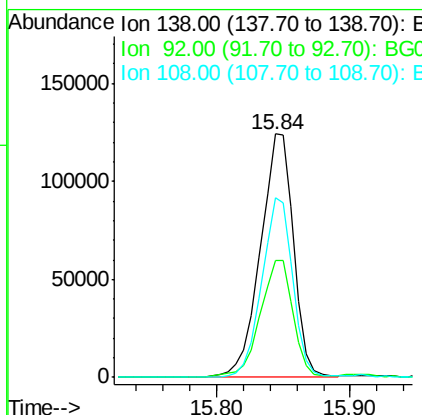
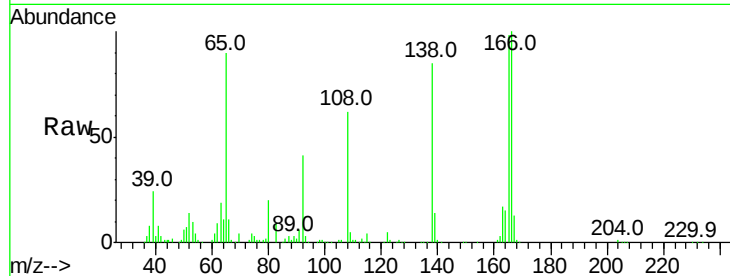
#61
4-Nitroaniline
Concen: 57.171 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	40.1	80.1
108	73.5	65.4	105.4

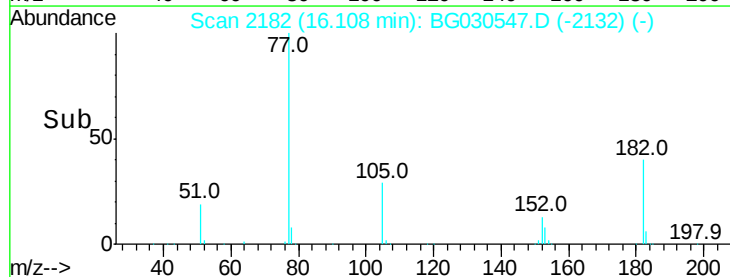
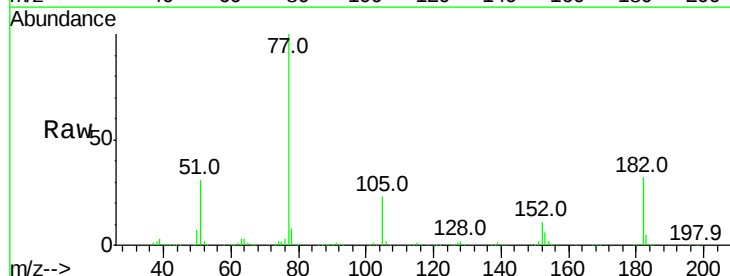
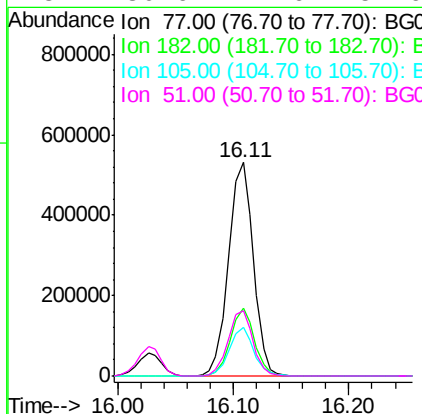
Manual Integrations
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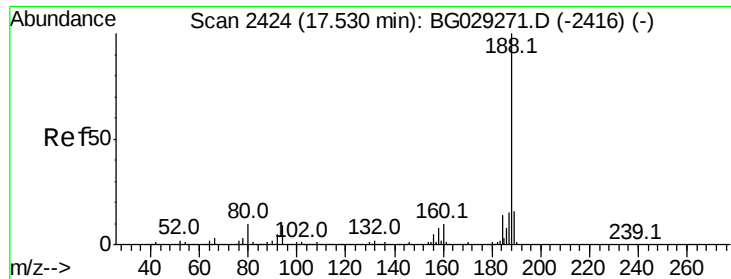
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#62
Azobenzene
Concen: 58.372 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	7.4	47.4
105	22.6	0.3	40.3
51	30.6	11.6	51.6





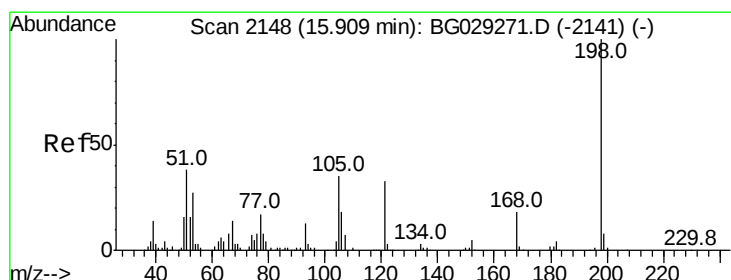
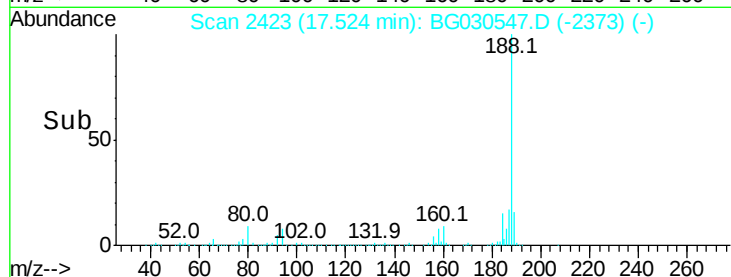
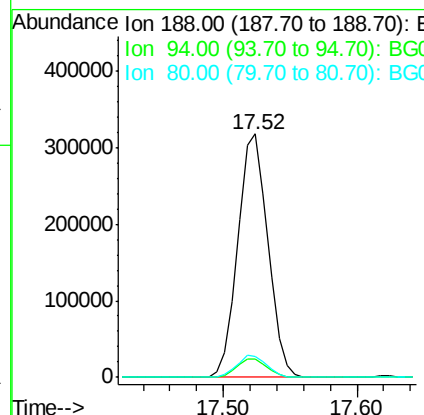
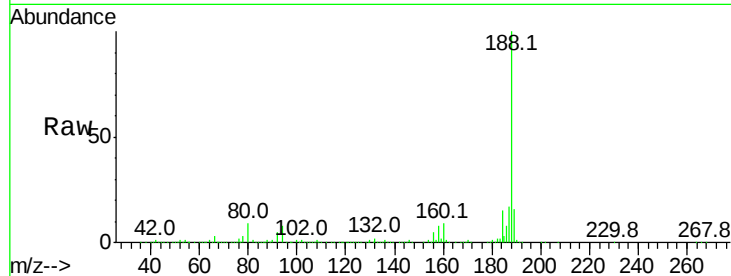
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	497004		
94	7.6		6.9	10.3
80	8.6		7.7	11.5

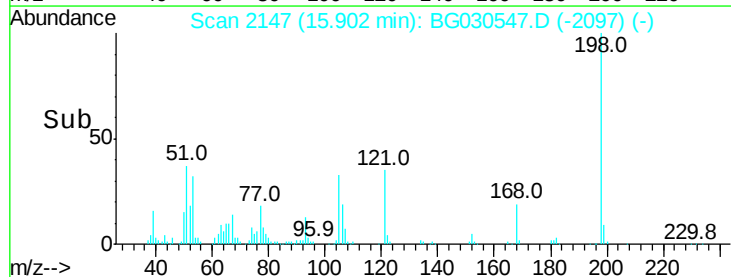
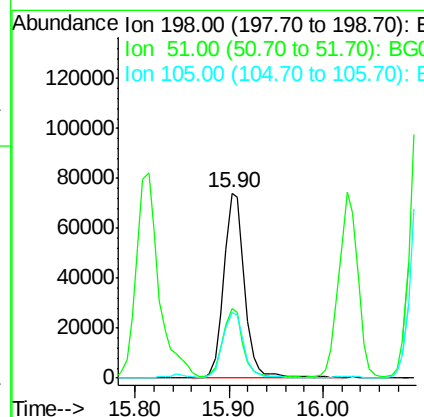
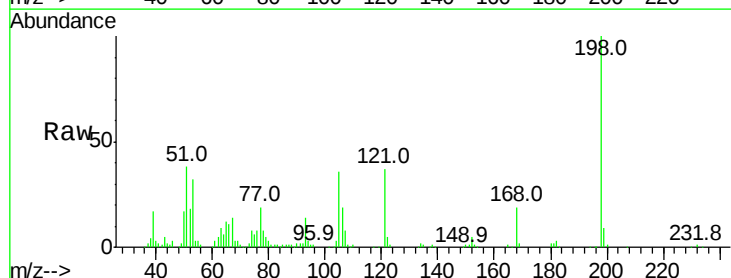
Manual Integrations
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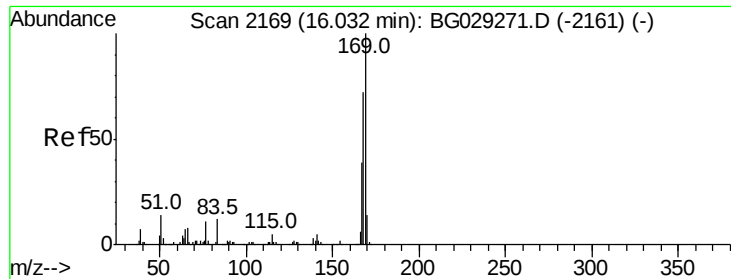
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	115587		
51	37.8		30.6	70.6
105	35.6		23.8	63.8





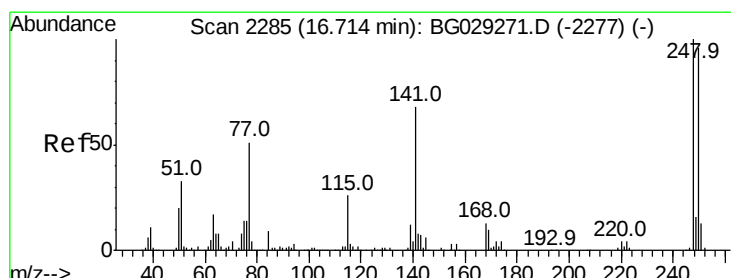
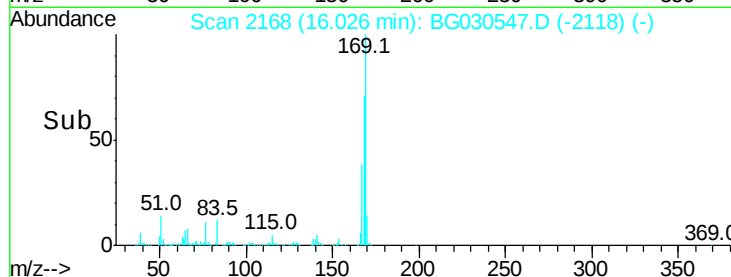
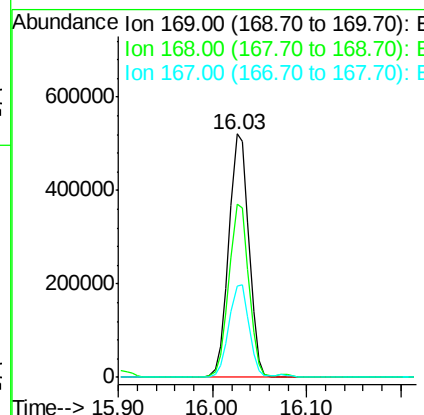
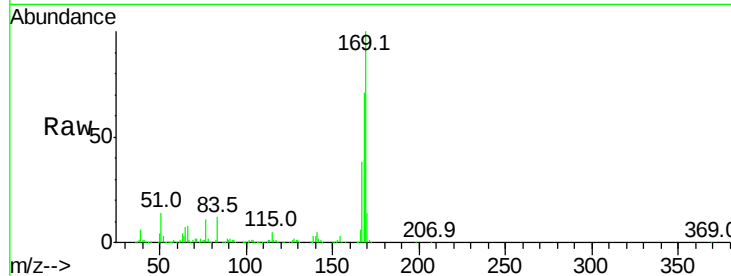
#65
n-Nitrosodiphenylamine
Concen: 51.960 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	773591		
168	70.9		55.7	83.5
167	37.7		30.1	45.1

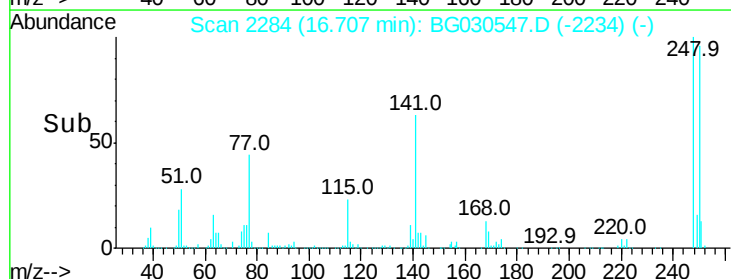
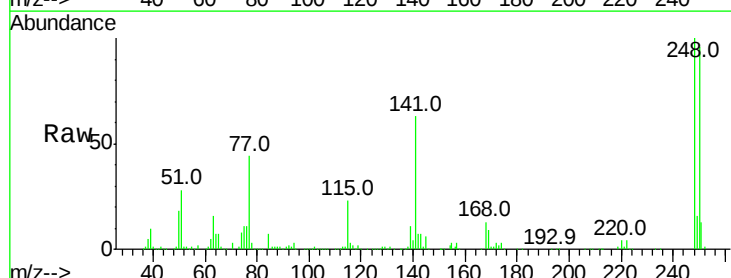
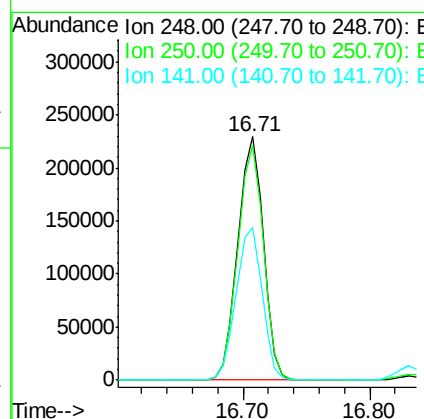
Manual Integrations
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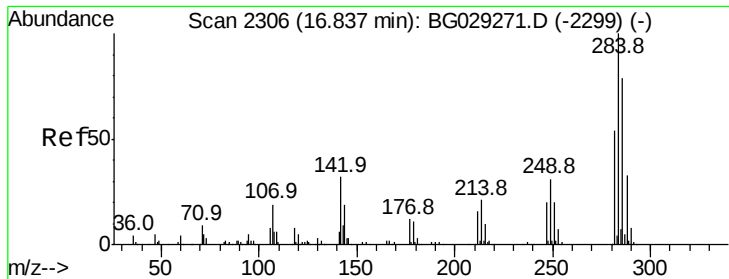
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#66
4-Bromophenyl-phenylether
Concen: 55.961 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	319146		
250	96.2		77.1	115.7
141	62.8		50.8	76.2





#67

Hexachlorobenzene

Concen: 52.353 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

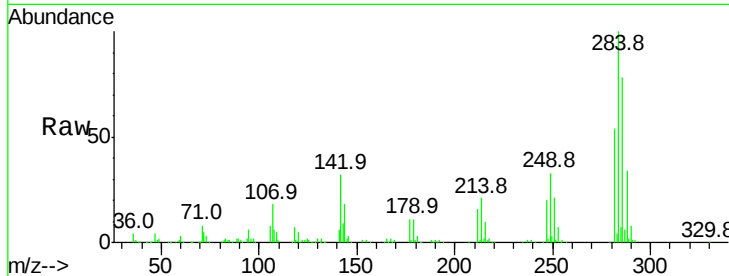
ClientSampleId :

SB-7-FILL(4-7)MSD

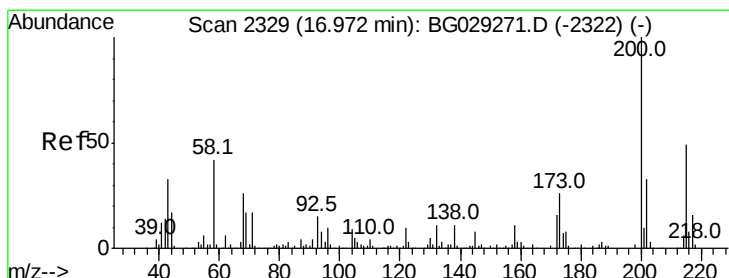
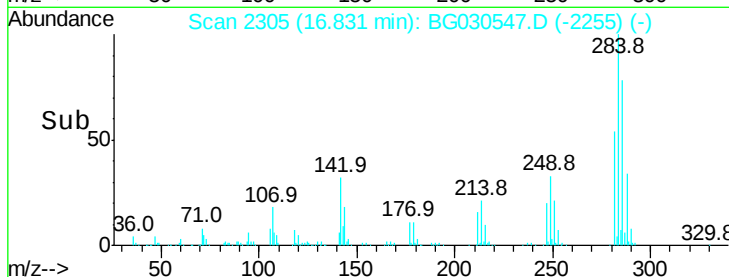
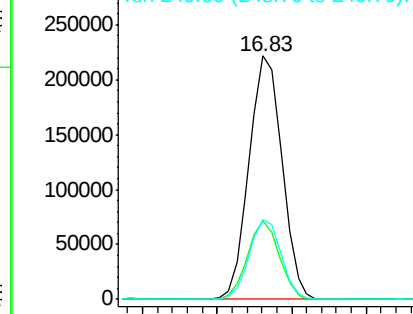
Tot Ion:	284	Resp:	338196
Ion Ratio		Lower	Upper
284	100		
142	32.1	26.8	40.2
249	32.8	26.3	39.5

Manual Integrations
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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



#68

Atrazine

Concen: 57.873 ng

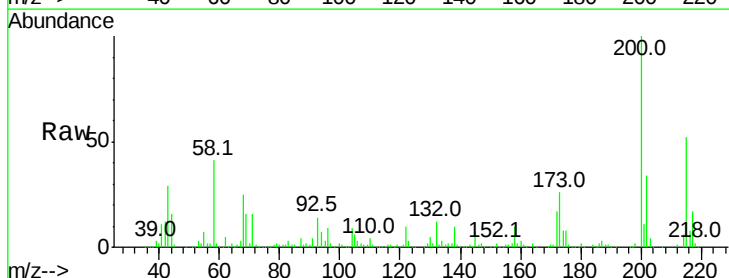
RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

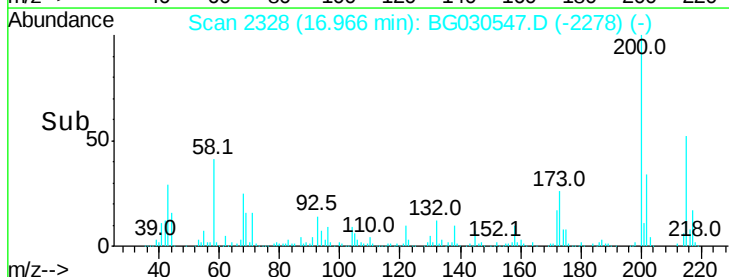
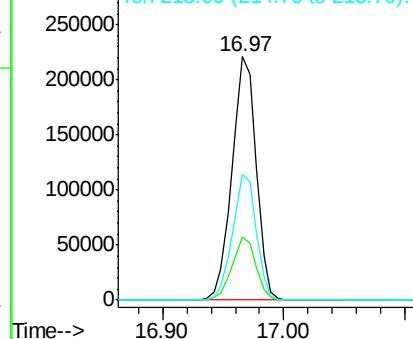
Lab File: BG030547.D

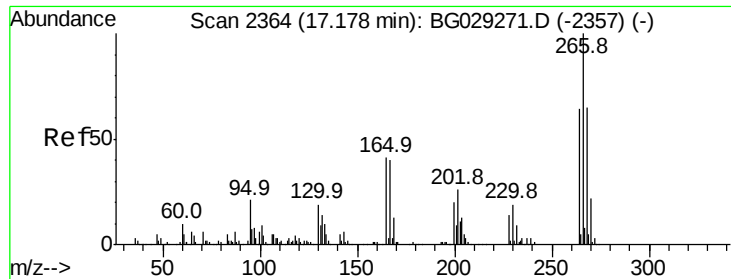
Acq: 29 Oct 2017 4:41

Tgt Ion:	200	Resp:	307438
Ion Ratio		Lower	Upper
200	100		
173	25.7	5.2	45.2
215	51.8	30.4	70.4



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





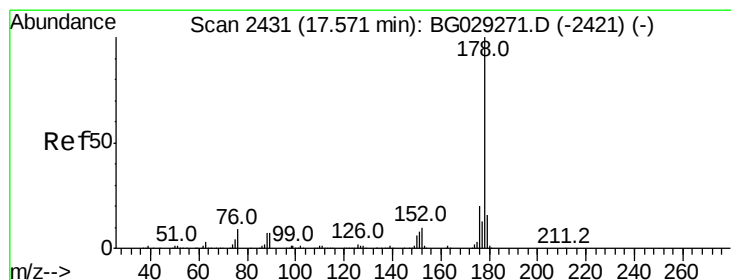
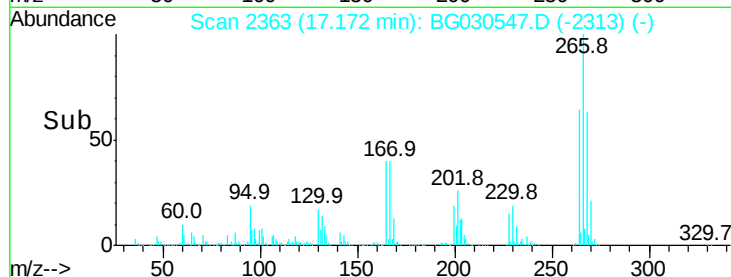
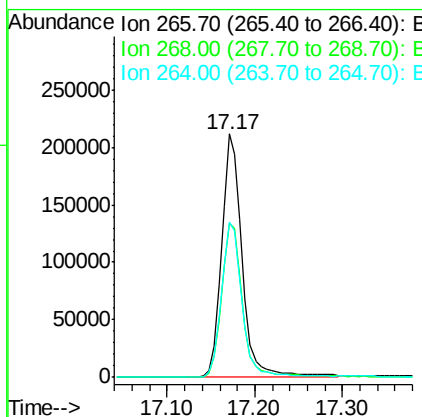
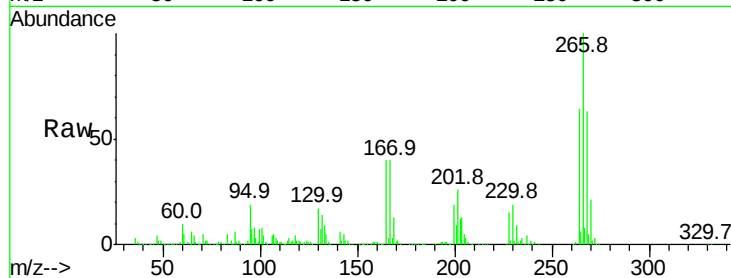
#69
 Pentachlorophenol
 Concen: 92.827 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.6	49.6	74.4

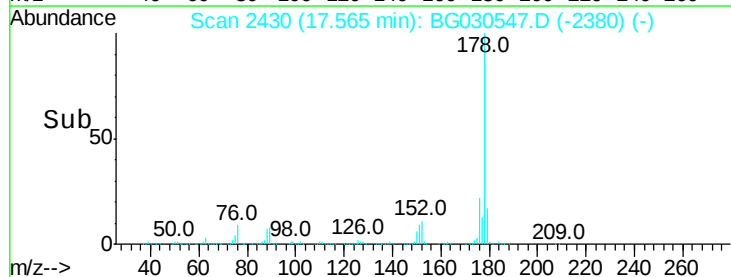
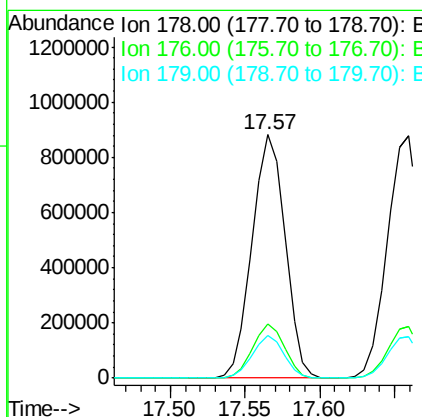
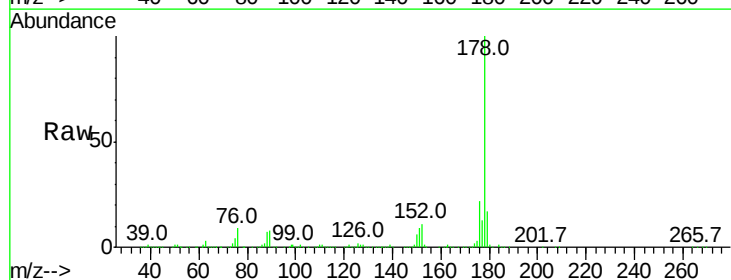
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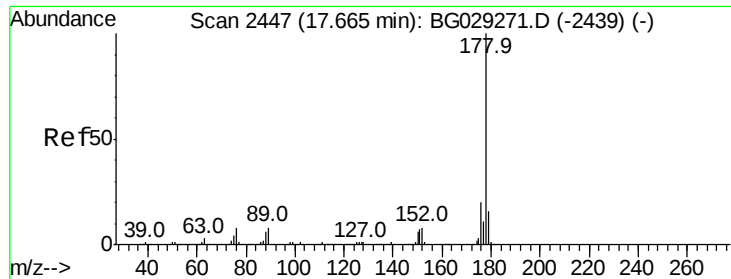
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#70
 Phenanthrene
 Concen: 52.700 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.7	23.5
179	17.3	12.5	18.7





#71

Anthracene

Concen: 53.661 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:178 Resp: 1383468

Ion Ratio Lower Upper

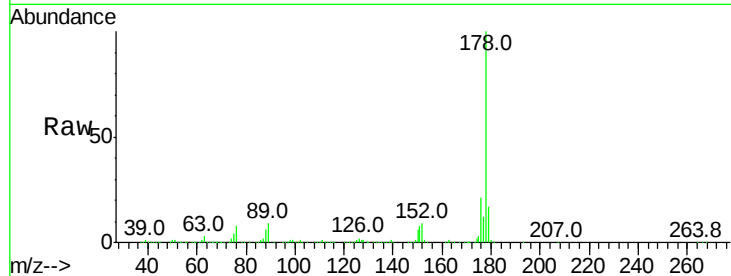
178 100

176 21.4 16.0 24.0

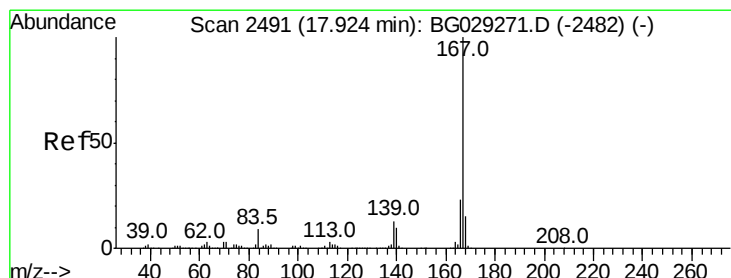
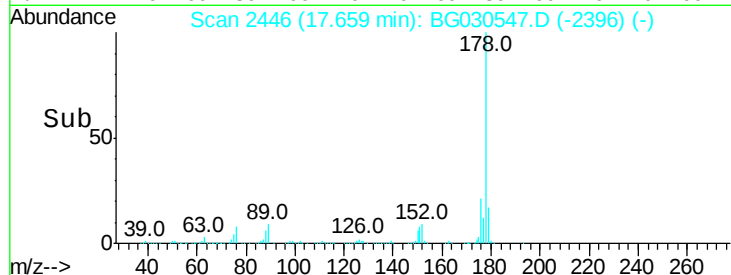
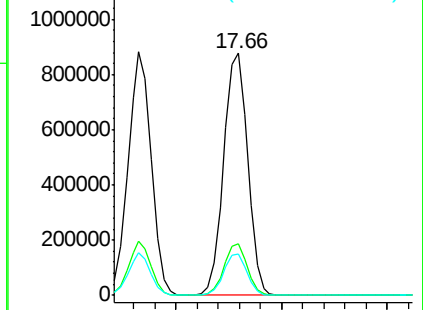
179 16.9 12.5 18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.463 ng

RT: 17.92 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

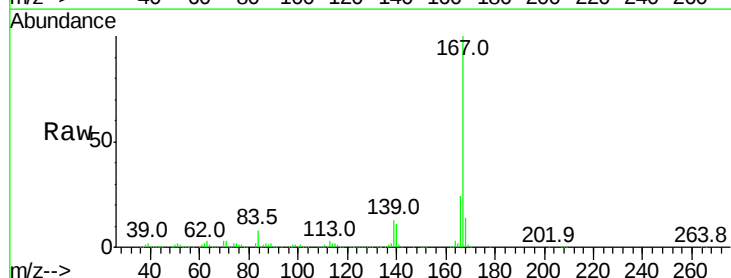
Tgt Ion:167 Resp: 1274524

Ion Ratio Lower Upper

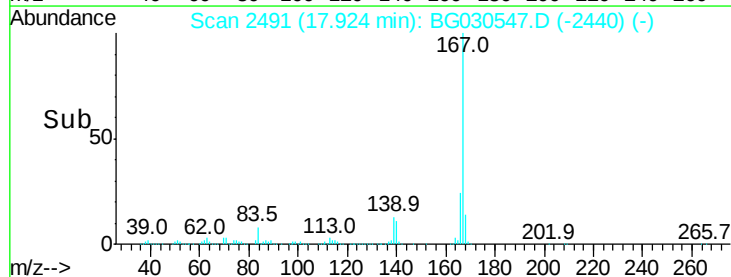
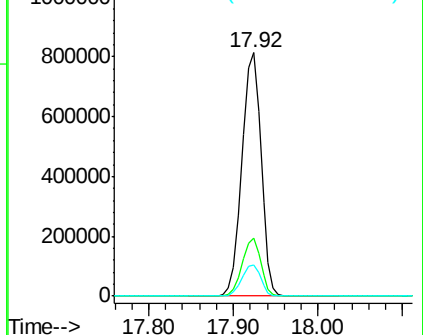
167 100

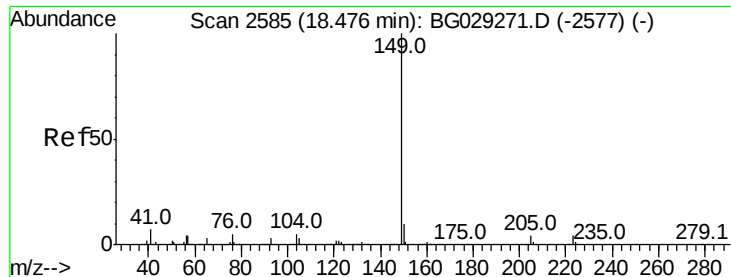
166 23.7 18.2 27.4

139 12.8 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





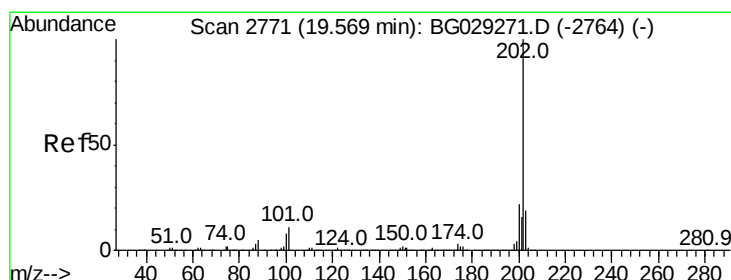
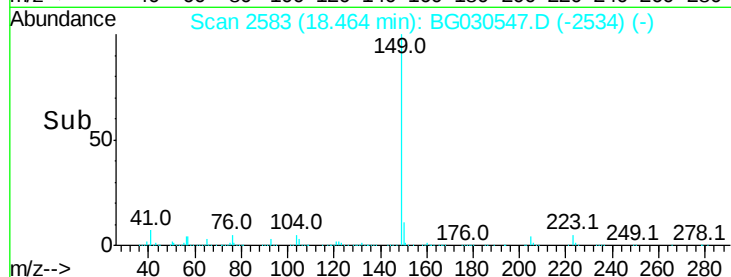
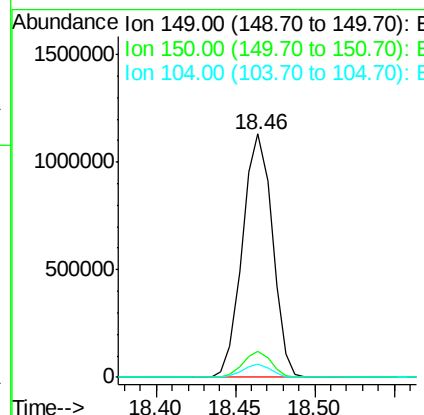
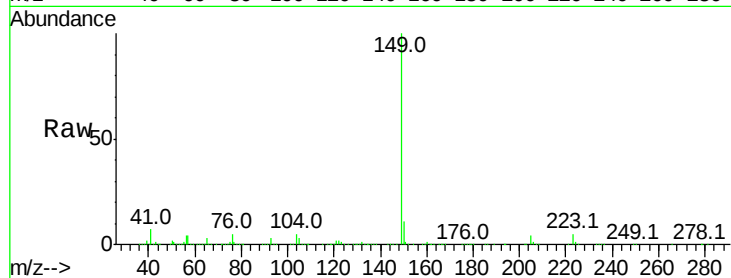
#73
Di-n-butylphthalate
Concen: 52.246 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.8	11.6
104	5.2	3.9	5.9

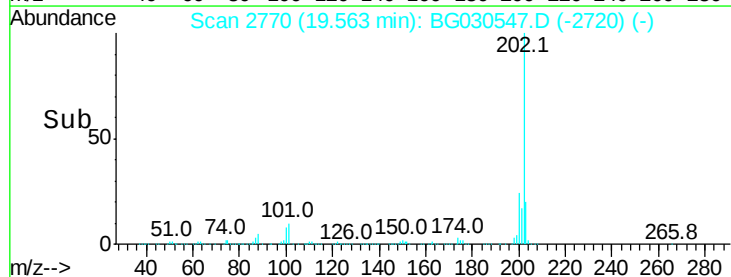
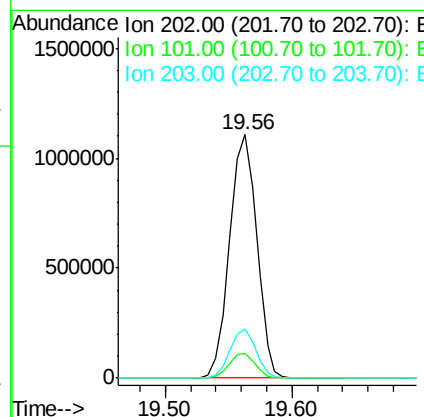
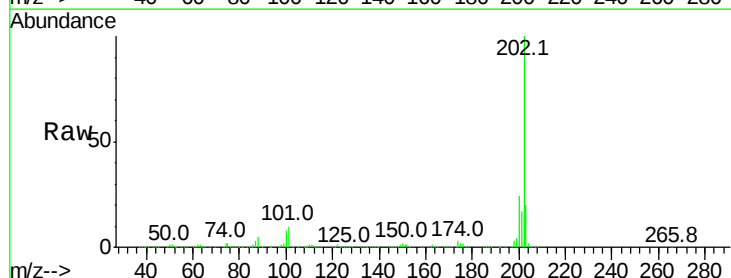
Manual Integrations
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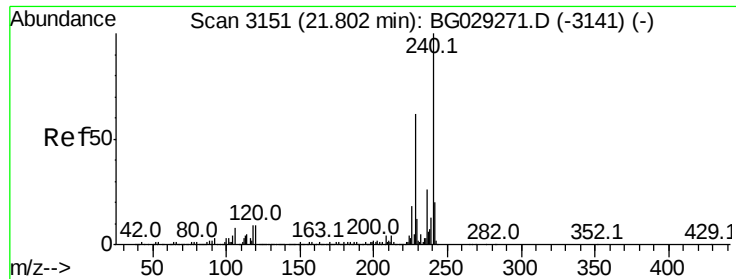
Sohil
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#74
Fluoranthene
Concen: 54.646 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.9
203	20.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

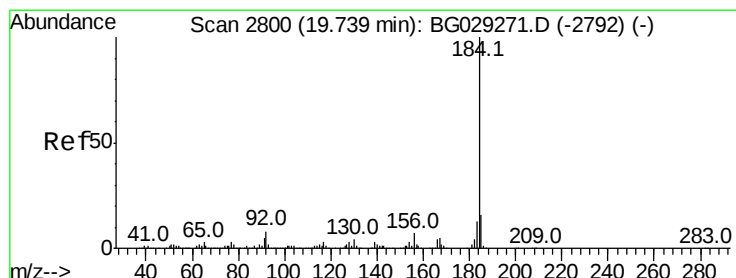
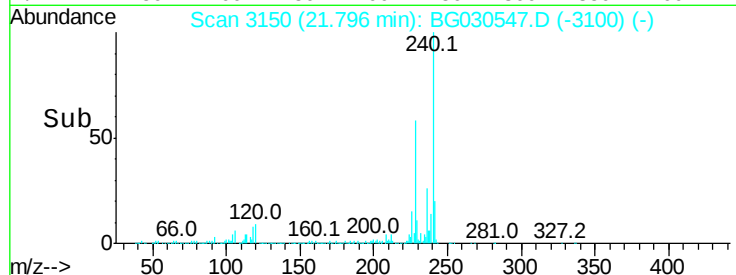
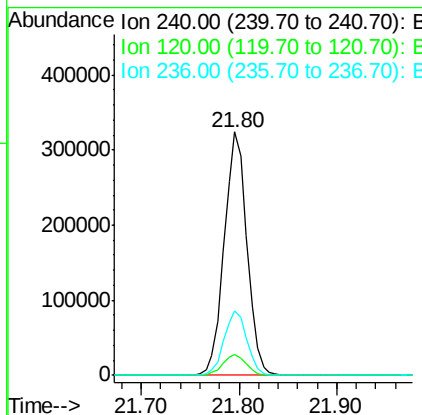
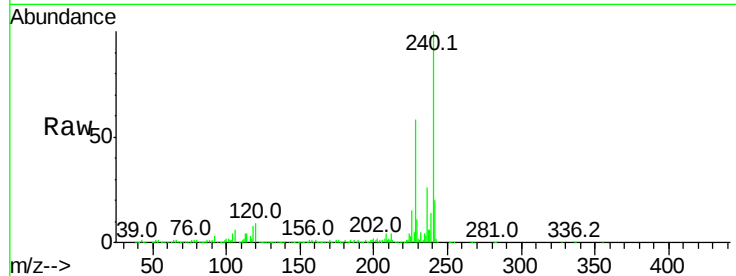
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	240	Resp:	521180
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.8	10.2
236	26.3	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 10.653 ng

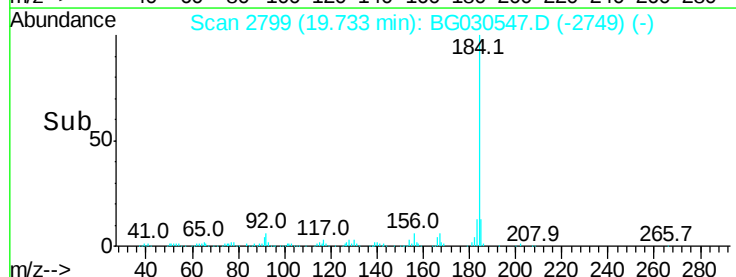
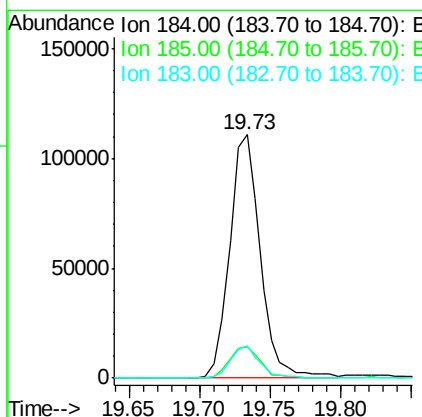
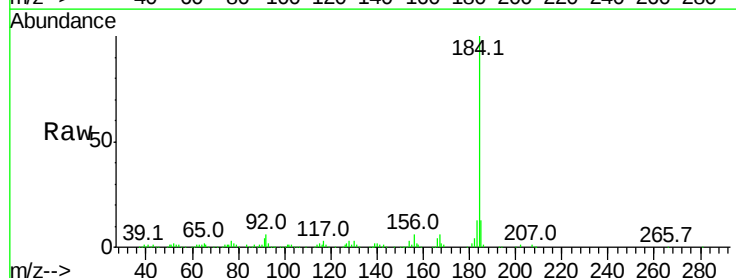
RT: 19.73 min Scan# 2799

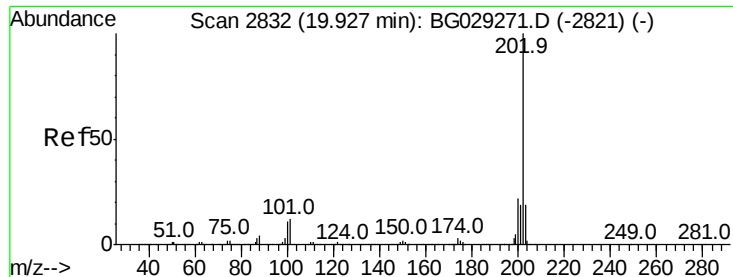
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	184	Resp:	167638
Ion Ratio	Lower	Upper	
184	100		
185	13.0	11.1	16.7
183	13.2	10.6	16.0





#77

Pvrene

Concen: 53.134 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

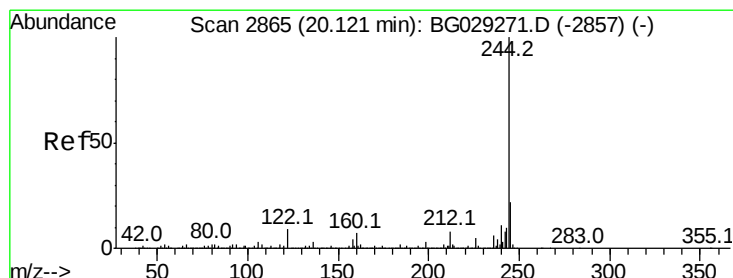
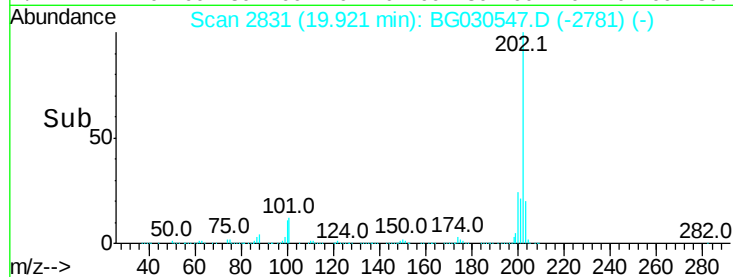
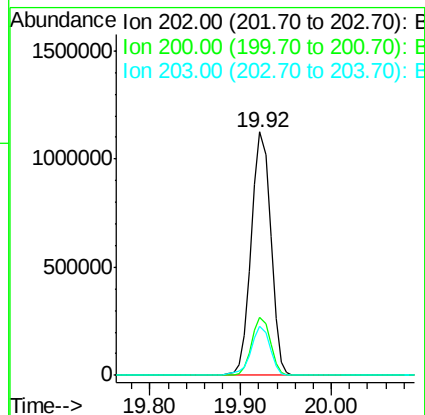
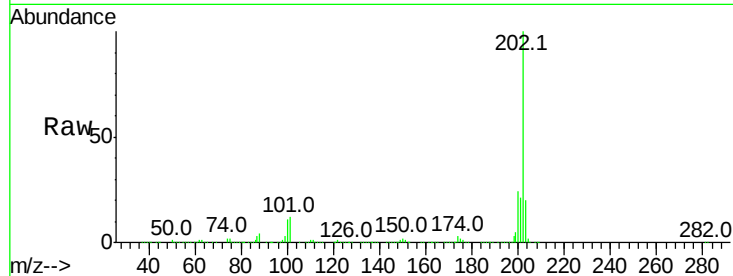
ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:	202	Resp:	1679874
Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.9	25.3
203	19.9	13.9	20.9

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#78

Terphenyl-d14

Concen: 96.418 ng

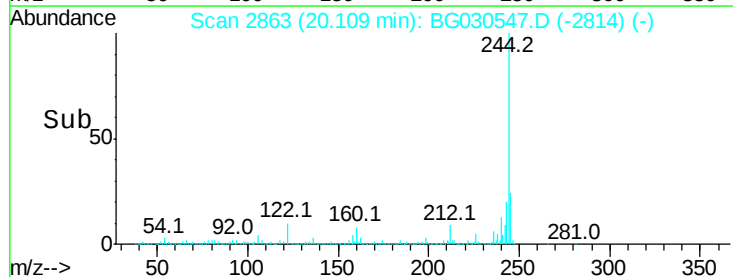
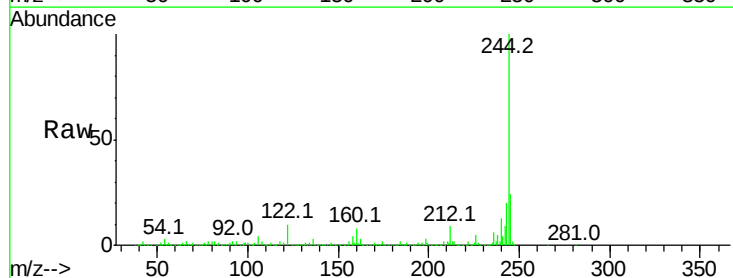
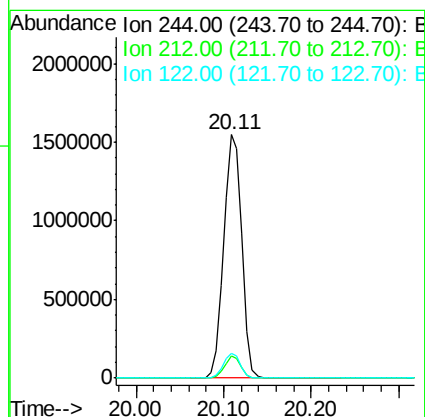
RT: 20.11 min Scan# 2863

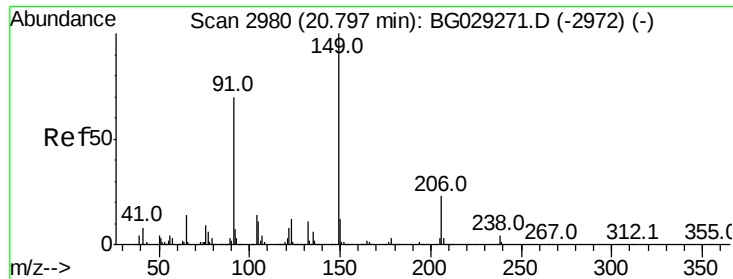
Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:	244	Resp:	2208913
Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	10.4	7.0	10.4





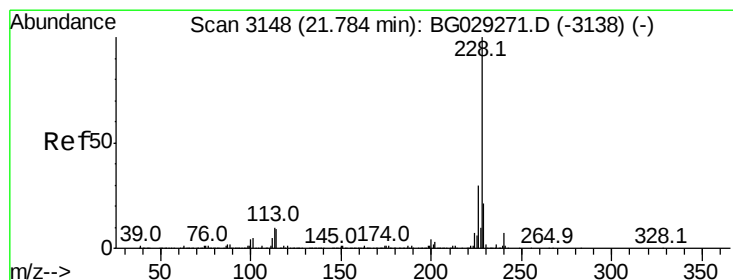
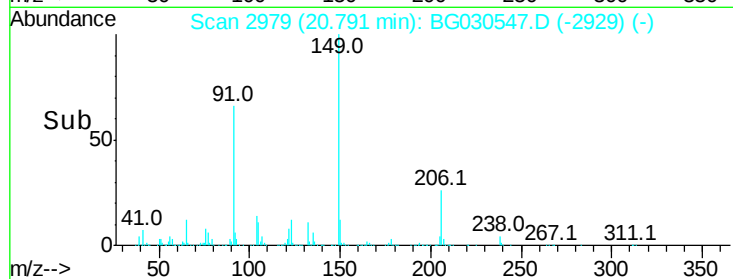
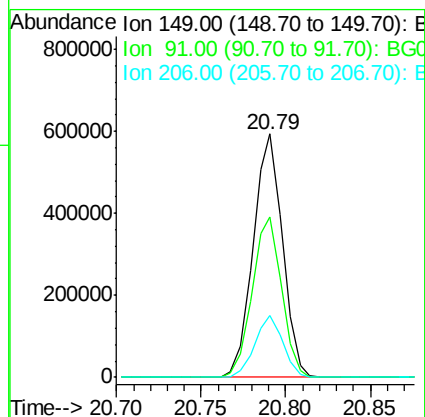
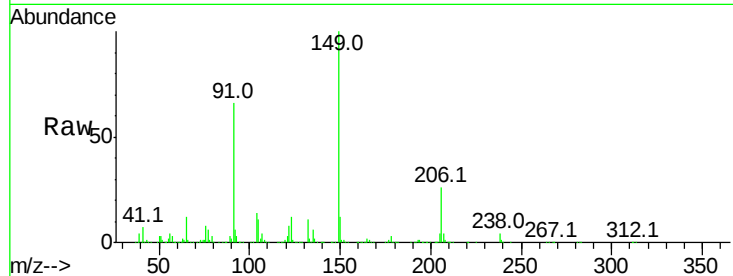
#79
Butylbenzylphthalate
Concen: 53.155 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	62.2	93.2
206	25.6	18.6	27.8

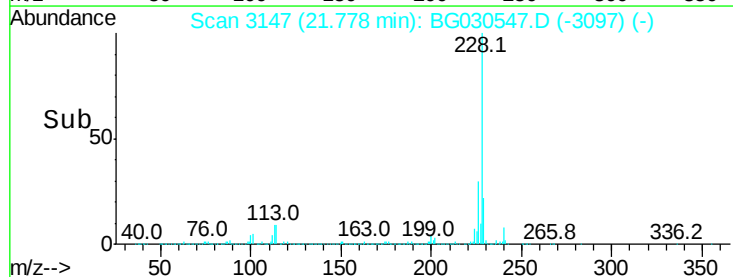
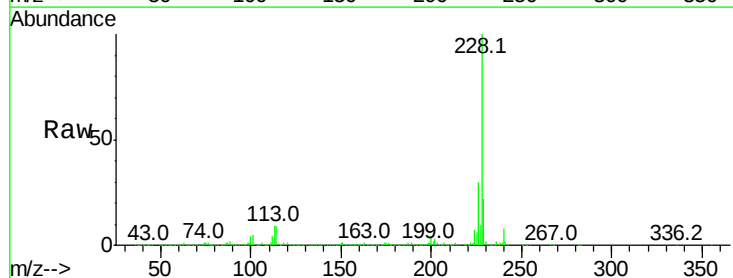
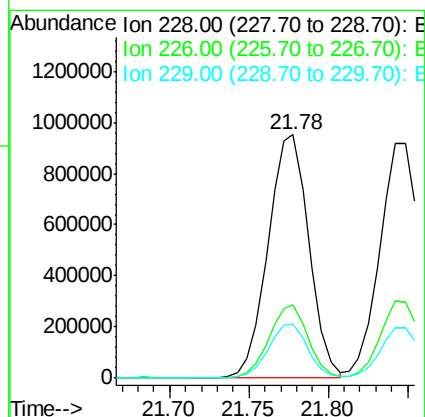
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#80
Benzo(a)anthracene
Concen: 55.563 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	22.2	16.2	24.2





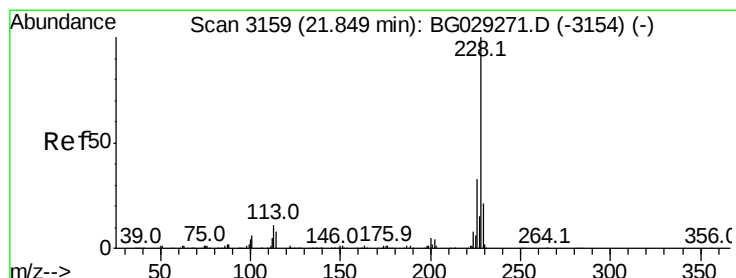
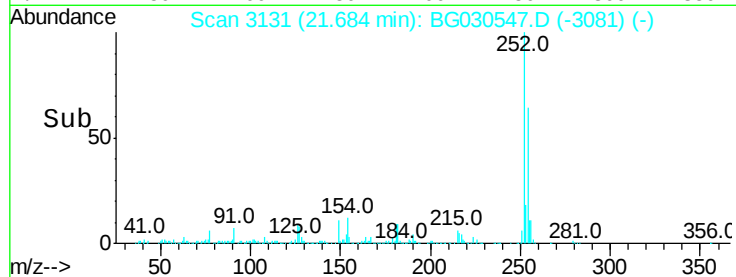
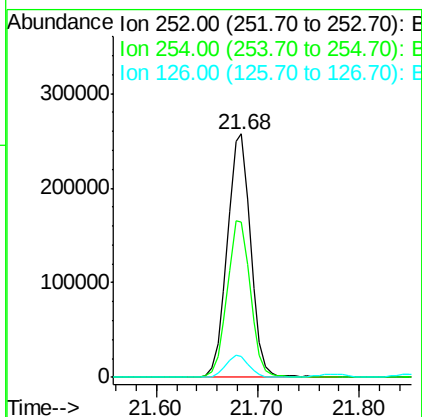
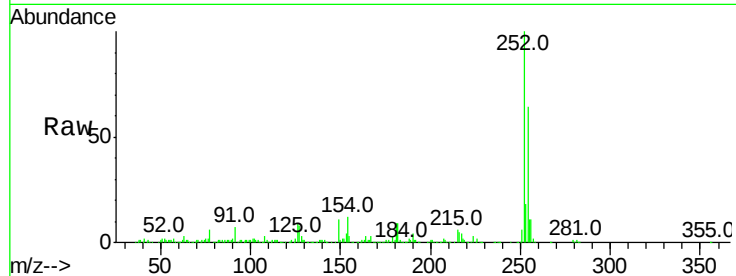
#81
 3,3'-Dichlorobenzidine
 Concen: 32.651 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	8.6	7.4	11.2

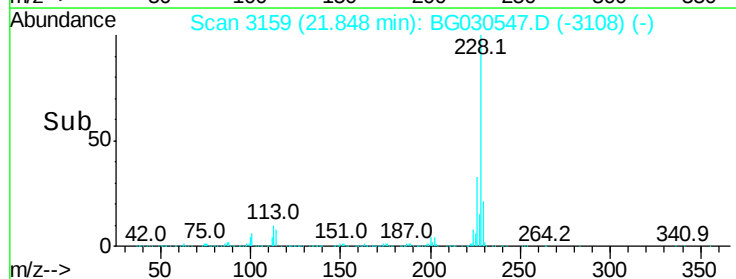
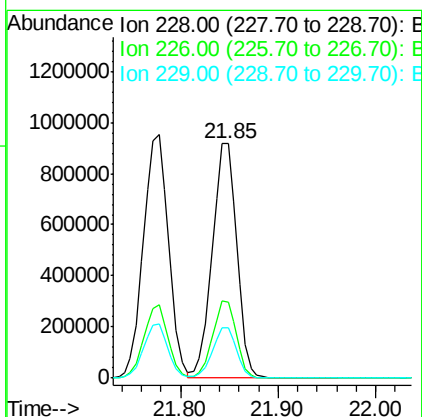
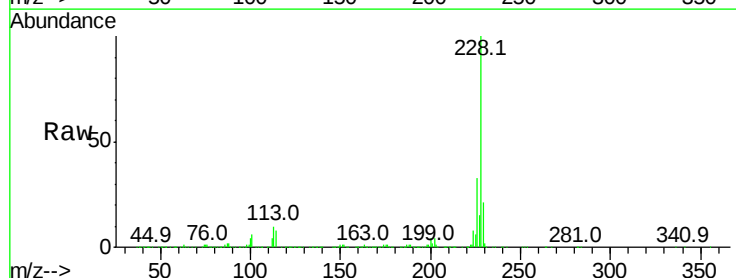
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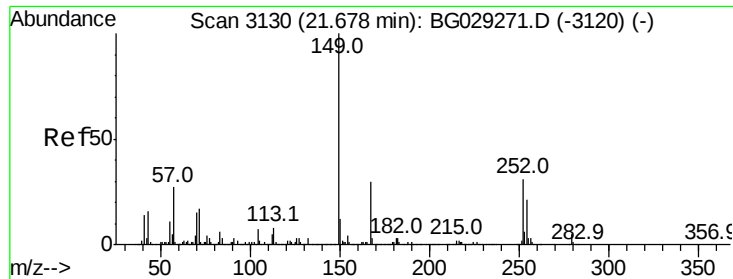
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#82
 Chrysene
 Concen: 54.412 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.5	15.0	22.4





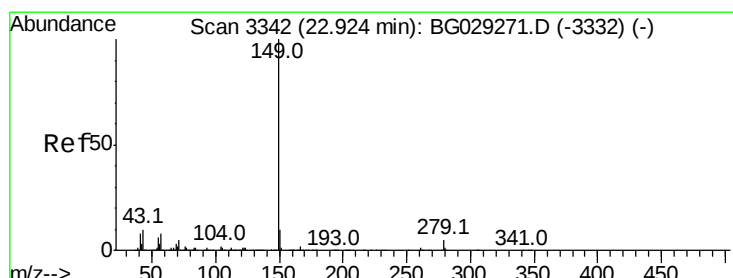
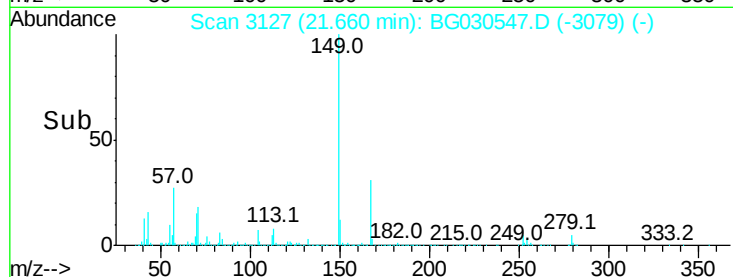
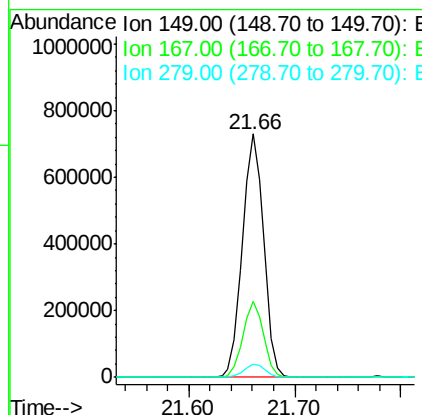
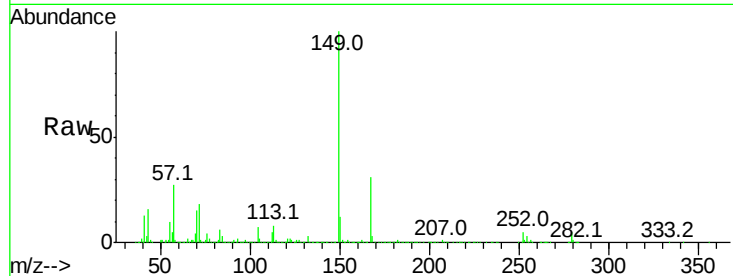
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.207 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.5	4.0	6.0

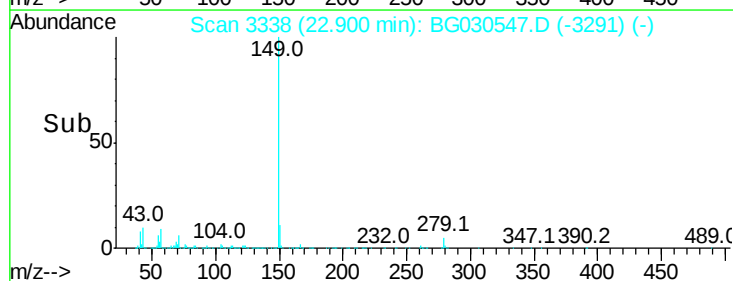
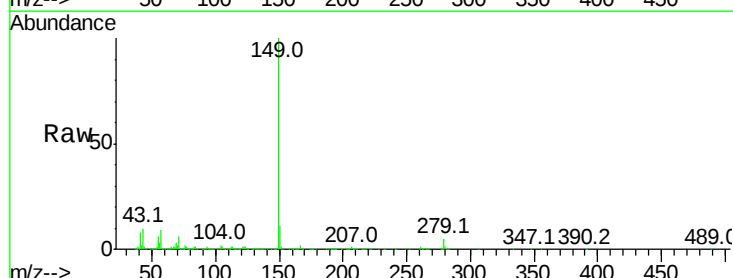
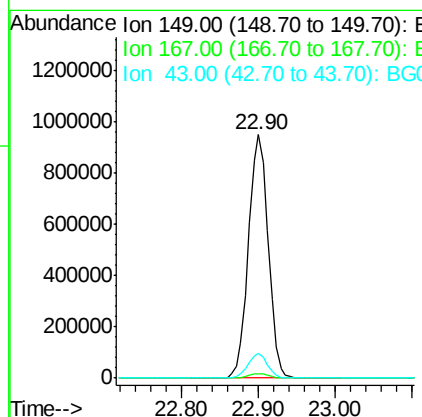
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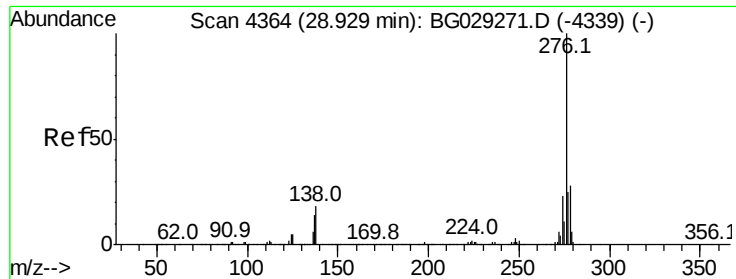
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#84
 Di-n-octyl phthalate
 Concen: 50.750 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.7	8.9	13.3





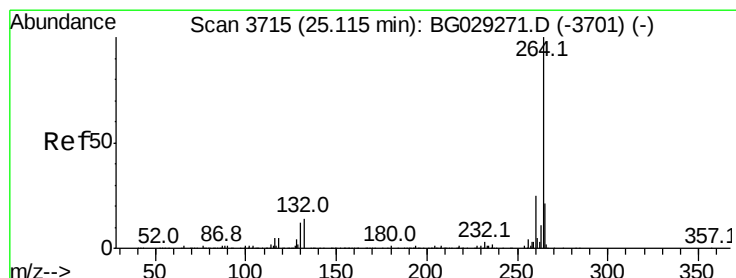
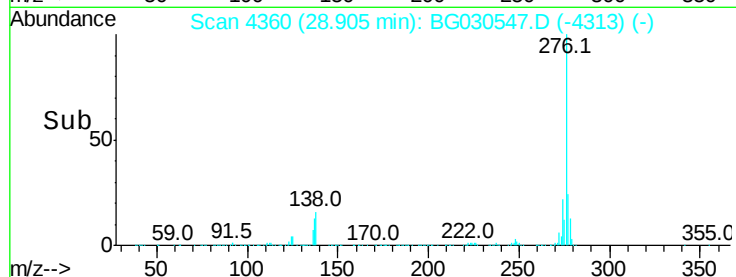
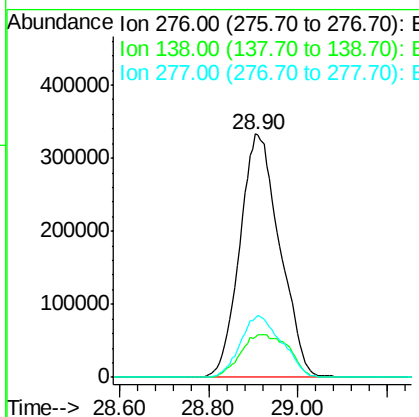
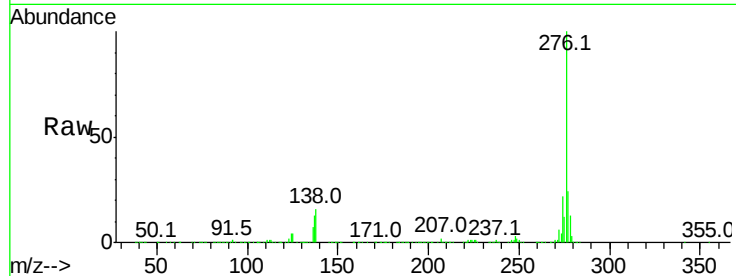
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.196 ng
RT: 28.90 min Scan# 4360
Delta R.T. -0.02 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion:276 Resp: 2062038
Ion Ratio Lower Upper
276 100
138 21.3 16.0 24.0
277 26.3 20.0 30.0

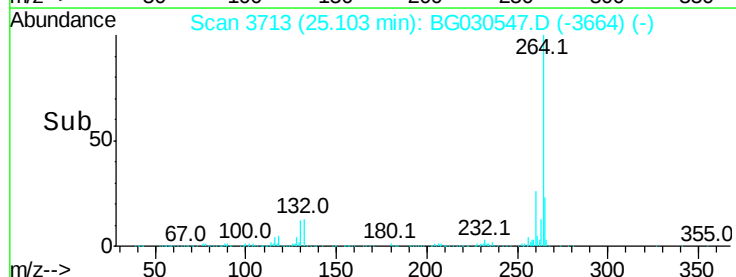
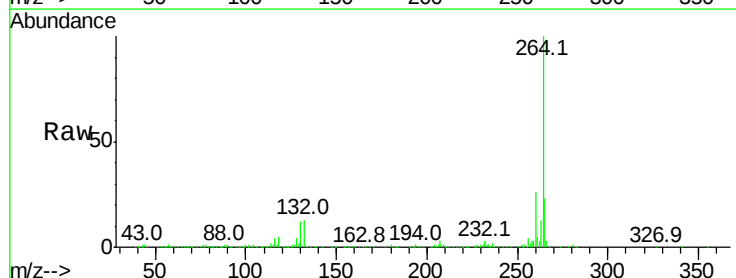
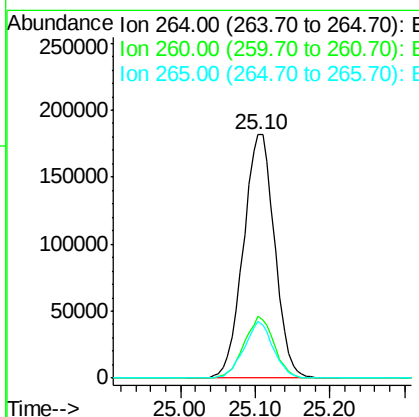
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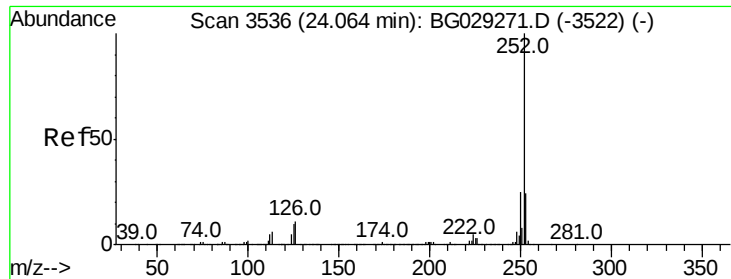
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:264 Resp: 527950
Ion Ratio Lower Upper
264 100
260 25.5 17.4 26.0
265 23.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 57.446 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:252 Resp: 1736342

Ion Ratio Lower Upper

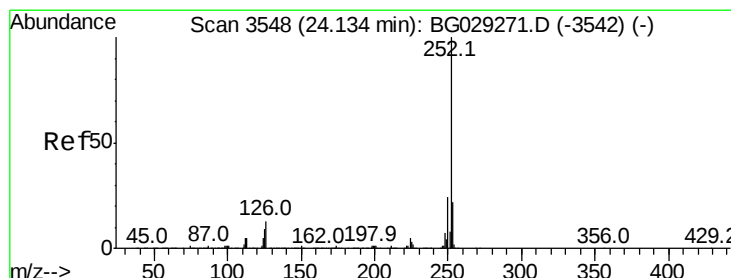
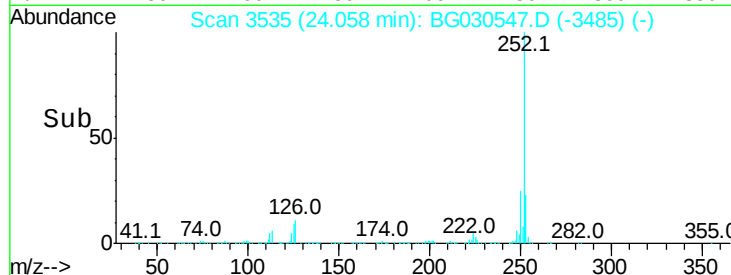
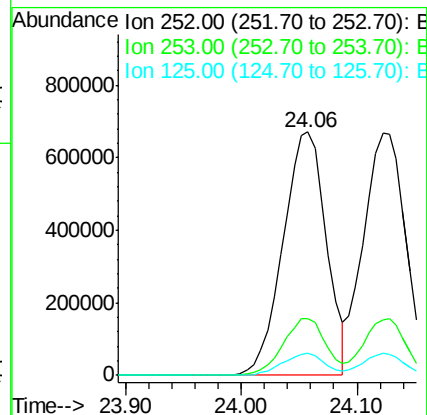
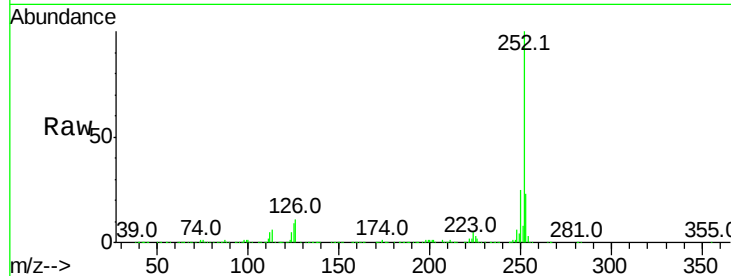
252 100

253 23.4 18.2 27.4

125 8.9 7.2 10.8

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#88

Benzo(k)fluoranthene

Concen: 56.429 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

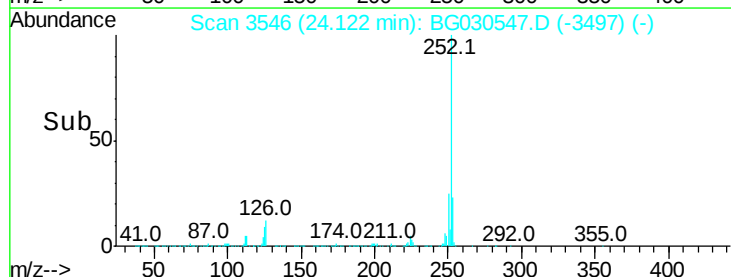
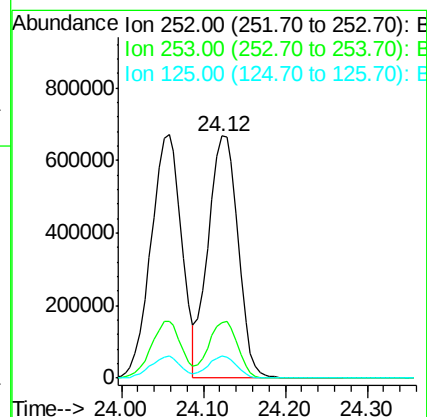
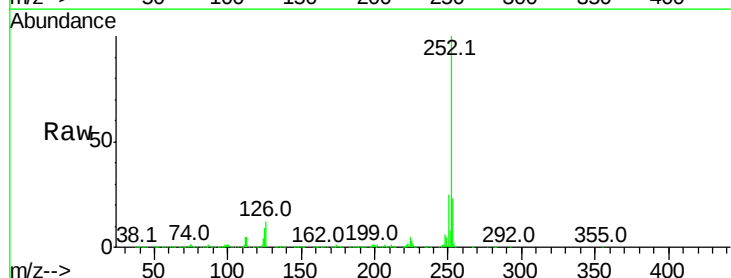
Tgt Ion:252 Resp: 1699226

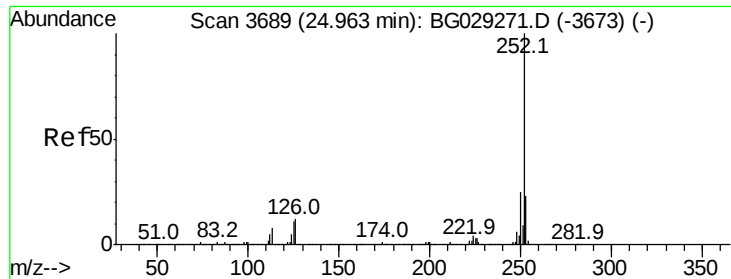
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.2 6.6 9.8





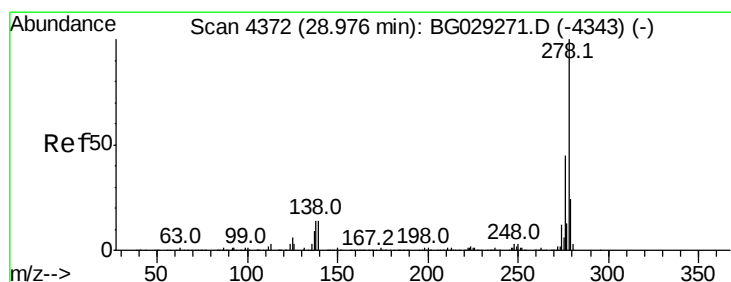
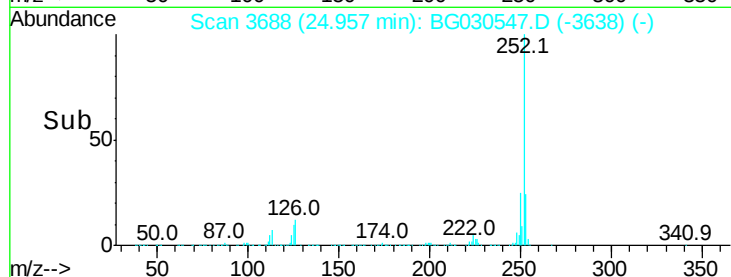
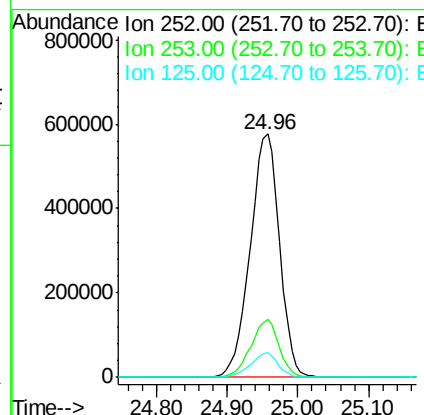
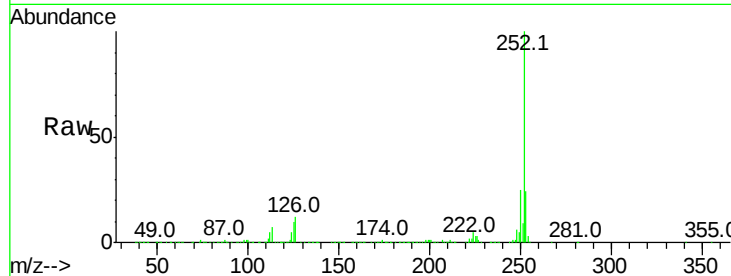
#89
Benzo(a)pyrene
Concen: 57.571 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	10.0	7.3	10.9

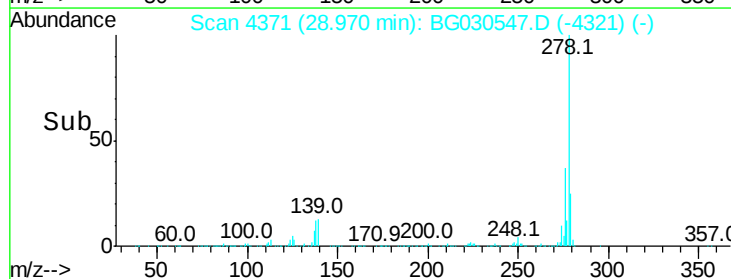
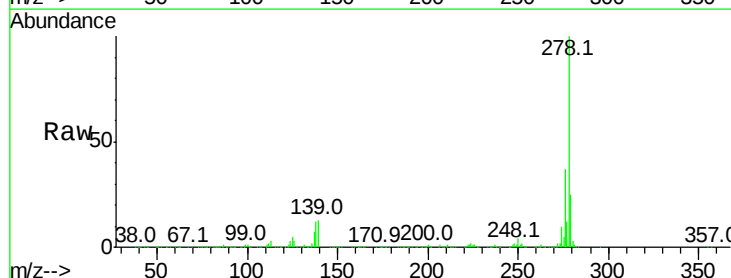
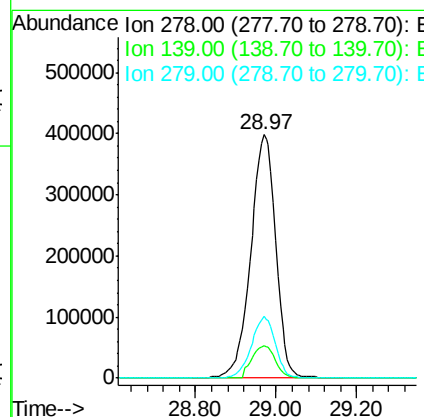
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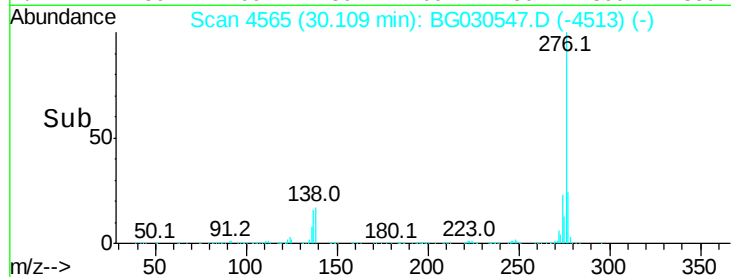
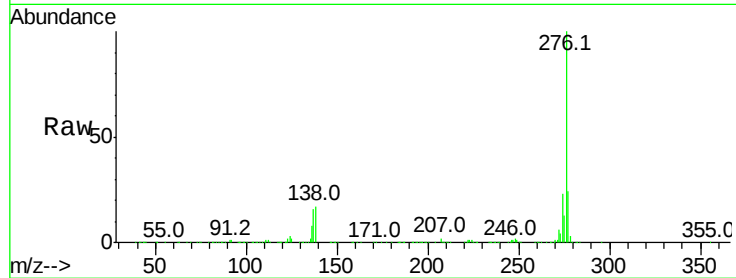
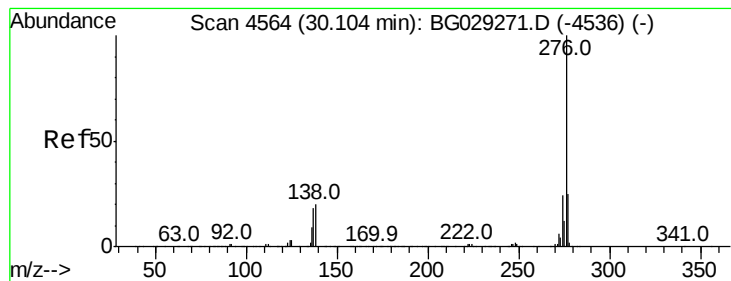
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#90
Dibenzo(a,h)anthracene
Concen: 58.504 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.6
279	25.2	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 62.479 ng

RT: 30.11 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

SB-7-FILL(4-7)MSD

Tot Ion:276 Resp: 1707750

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 16.7 13.9 20.9

Manual Integrations

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