

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029375.D
 Acq On : 20 Oct 2017 16:47
 Operator : SJ/JU
 Sample : I5922-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Manual Integrations
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Sohil
 10/23/2017 3:40:45 PM

Quant Time: Oct 20 18:44:35 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	8.17	152	55210	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	256351	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174244	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	456937	20.00	ng	0.00
75) Chrysene-d12	21.79	240	498681	20.00	ng	0.00
86) Perylene-d12	25.10	264	527432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	455011	137.68	ng	0.00
7) Phenol-d6	7.32	99	625681	134.88	ng	0.00
23) Nitrobenzene-d5	9.33	82	356939	88.48	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	347543	154.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	897959	75.58	ng	0.00
78) Terphenyl-d14	20.11	244	1568434	71.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	44279	33.022	ng	87
3) Pyridine	3.98	79	130865	33.513	ng	90
4) n-Nitrosodimethylamine	3.90	42	70876	38.830	ng	# 90
6) Aniline	7.49	93	161032	28.033	ng	93
8) 2-Chlorophenol	7.73	128	145379	38.377	ng	95
9) Benzaldehyde	7.30	77	40660	17.426	ng	94
10) Phenol	7.34	94	229295	45.848	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	138461	37.999	ng	92
12) 1,3-Dichlorobenzene	8.06	146	151791	35.690	ng	97
13) 1,4-Dichlorobenzene	8.20	146	154720	35.632	ng	94
14) 1,2-Dichlorobenzene	8.53	146	148610	35.483	ng	97
15) Benzyl Alcohol	8.40	79	138038	42.225	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.70	45	232697	37.604	ng	95
17) 2-Methylphenol	8.60	107	135441	40.768	ng	99
18) Hexachloroethane	9.25	117	53417	36.099	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	118135	37.453	ng	97
20) 3+4-Methylphenols	8.93	107	189405	40.461	ng	97
22) Acetophenone	8.99	105	221829	35.907	ng	# 94
24) Nitrobenzene	9.37	77	167086	36.838	ng	# 93
25) Isophorone	9.89	82	330154	39.204	ng	# 94
26) 2-Nitrophenol	10.09	139	87344	40.291	ng	90
27) 2,4-Dimethylphenol	10.14	122	158576	40.431	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	197763	38.297	ng	96
29) 2,4-Dichlorophenol	10.62	162	169056	40.420	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	169197	37.445	ng	94
31) Naphthalene	11.03	128	460892	36.075	ng	99
32) Benzoic acid	10.27	122	133781	40.736	ng	# 83
33) 4-Chloroaniline	11.13	127	127083	23.647	ng	94
34) Hexachlorobutadiene	11.32	225	101876	36.262	ng	96
35) Caprolactam	11.90	113	66685m	47.974	ng	
36) 4-Chloro-3-methylphenol	12.24	107	185015	40.220	ng	92
37) 2-Methylnaphthalene	12.63	142	371972	39.948	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	199032	31.286	ng	98
40) Hexachlorocyclopentadiene	12.97	237	255589	104.538	ng	92

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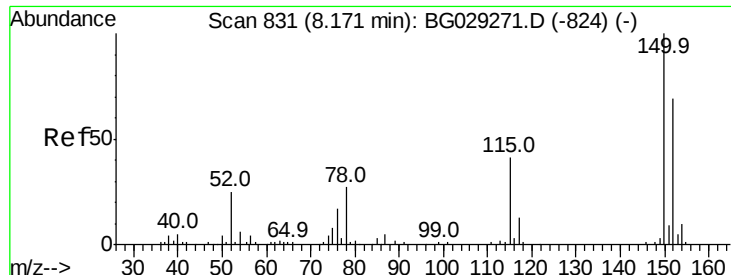
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	150625	37.717	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	167190	40.765	nq	96
45) 1,1'-Biphenyl	13.62	154	504162	33.663	nq	97
46) 2-Chloronaphthalene	13.67	162	387194	35.443	nq	96
47) 2-Nitroaniline	13.87	65	128715	42.896	nq	90
48) Acenaphthylene	14.51	152	633267	37.040	nq	98
49) Dimethylphthalate	14.23	163	562078	41.344	nq	99
50) 2,6-Dinitrotoluene	14.35	165	120470	42.271	nq #	78
51) Acenaphthene	14.85	154	396872	35.677	nq	98
52) 3-Nitroaniline	14.68	138	96137	31.261	nq #	82
53) 2,4-Dinitrophenol	14.89	184	137882	87.207	nq #	53
54) Dibenzofuran	15.18	168	641145	40.374	nq	99
55) 4-Nitrophenol	14.99	139	234813	92.616	nq #	82
56) 2,4-Dinitrotoluene	15.14	165	176698	45.801	nq #	78
57) Fluorene	15.83	166	514652	39.231	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	169005	49.392	nq	94
59) Diethylphthalate	15.59	149	558407	41.215	nq	99
60) 4-Chlorophenyl-phenylether	15.82	204	280364	40.084	nq	93
61) 4-Nitroaniline	15.84	138	141737	44.885	nq	89
62) Azobenzene	16.11	77	487785	42.694	nq	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	100079	39.503	nq	87
65) n-Nitrosodiphenylamine	16.03	169	484140	35.370	nq	99
66) 4-Bromophenyl-phenylether	16.70	248	192529	36.719	nq	96
67) Hexachlorobenzene	16.83	284	203177	34.210	nq	94
68) Atrazine	16.97	200	203173	41.599	nq	98
69) Pentachlorophenol	17.17	266	279142	81.817	nq	99
70) Phenanthrene	17.56	178	938059	39.739	nq	97
71) Anthracene	17.66	178	922425	38.916	nq	99
72) Carbazole	17.92	167	872839	38.334	nq	99
73) Di-n-butylphthalate	18.47	149	1024048	39.104	nq	100
74) Fluoranthene	19.56	202	1144017	41.435	nq	97
76) Benzidine	19.73	184	506010	33.606	nq	99
77) Pyrene	19.92	202	1158671	38.302	nq	97
79) Butylbenzylphthalate	20.79	149	479906	37.236	nq	88
80) Benzo(a)anthracene	21.77	228	1145298	39.117	nq	98
81) 3,3'-Dichlorobenzidine	21.68	252	303517	25.115	nq	99
82) Chrysene	21.85	228	1076021	38.375	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	673599	36.418	nq	99
84) Di-n-octyl phthalate	22.91	149	1171818	36.351	nq	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1385142	40.154	nq	98
87) Benzo(b)fluoranthene	24.05	252	1180555	39.097	nq	100
88) Benzo(k)fluoranthene	24.12	252	1140272	37.904	nq	98
89) Benzo(a)pyrene	24.95	252	1148801	39.574	nq	99
90) Dibenzo(a,h)anthracene	28.95	278	1165742	39.666	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1148663	42.066	nq	98

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



#1

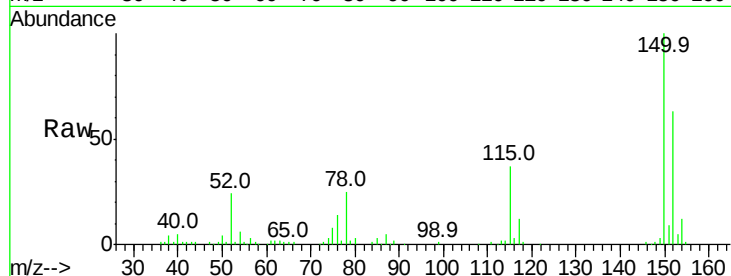
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
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ENV-115-7(0-5)MSD

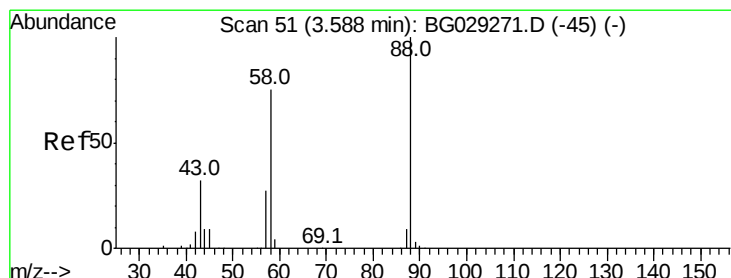
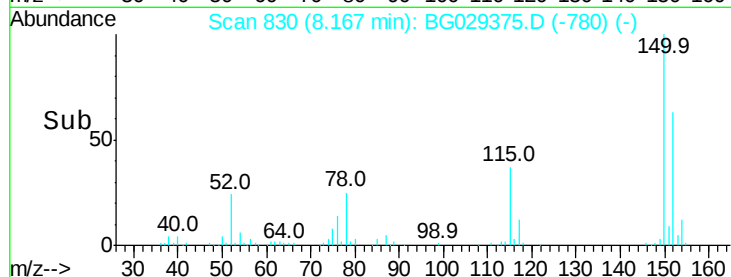
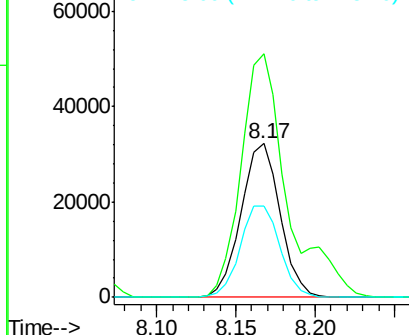
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	59.0	53.0	79.4

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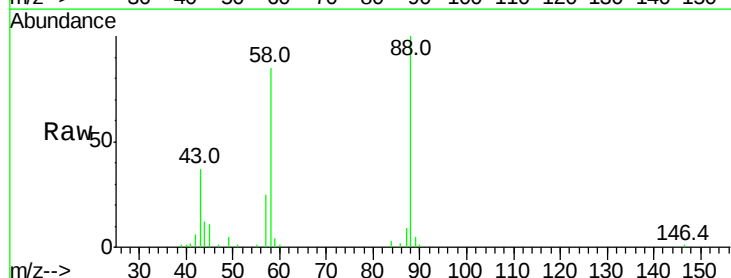
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



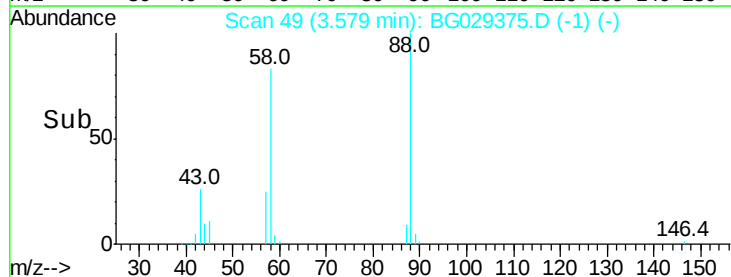
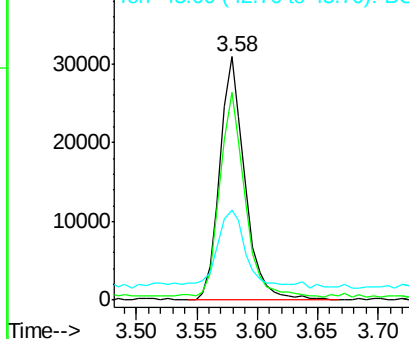
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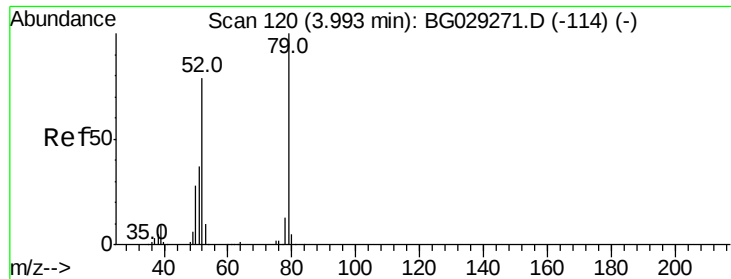
1,4-Dioxane
Concen: 33.022 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	79.6	119.4
43	32.5	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





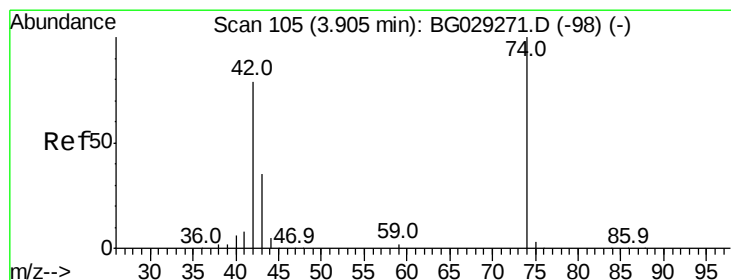
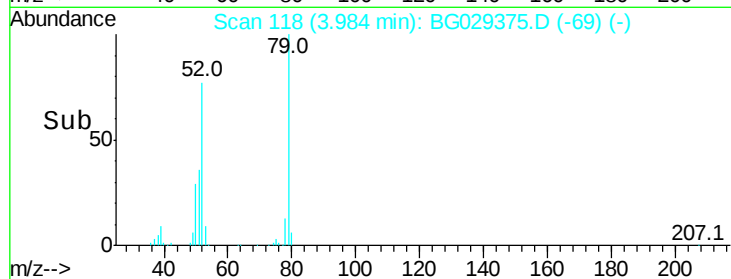
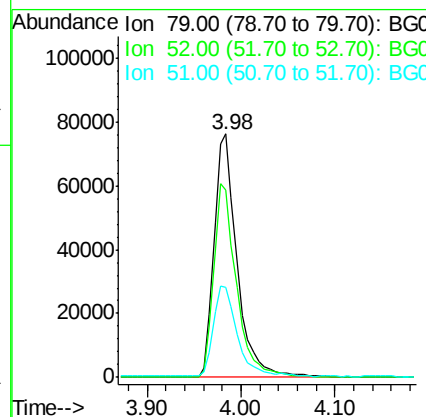
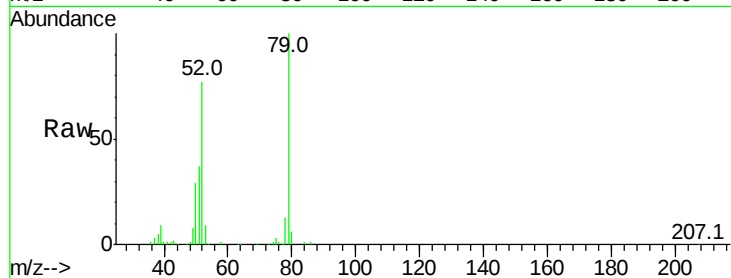
#3
 Pvridine
 Concen: 33.513 ng
 RT: 3.98 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	69.9	104.9
51	37.2	34.0	51.0

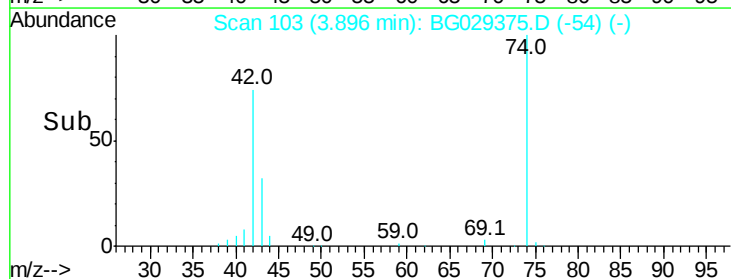
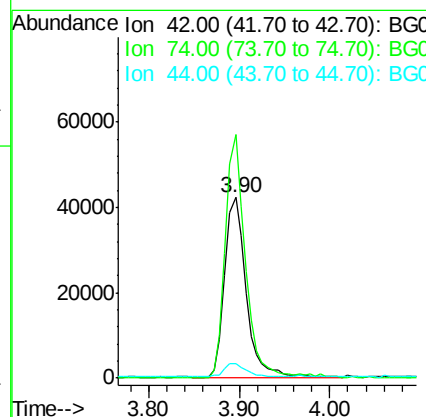
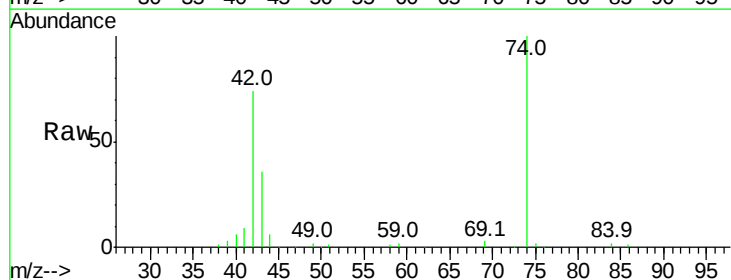
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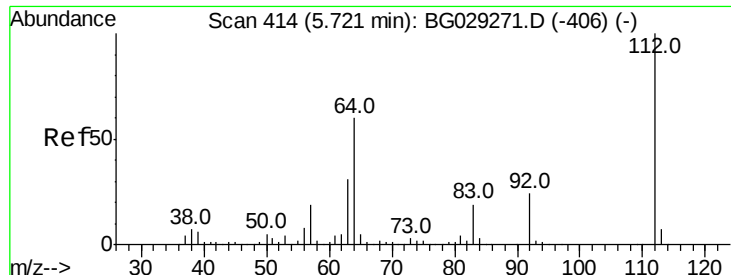
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#4
 n-Nitrosodimethylamine
 Concen: 38.830 ng
 RT: 3.90 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.1	102.5	153.7
44	7.9	18.9	28.3





#5

2-Fluorophenol

Concen: 137.678 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

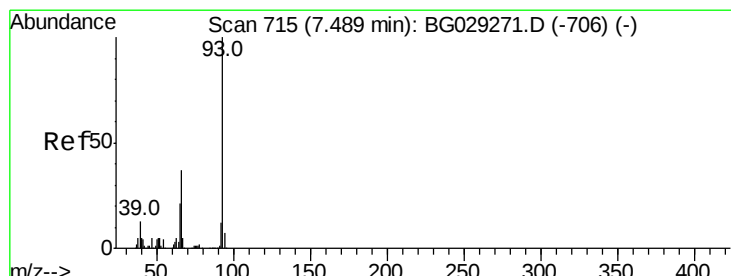
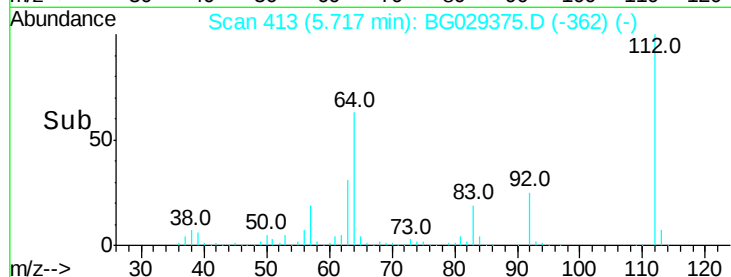
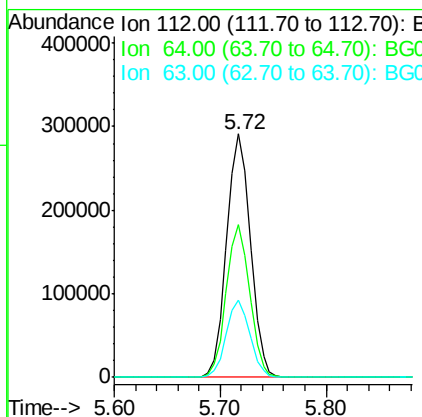
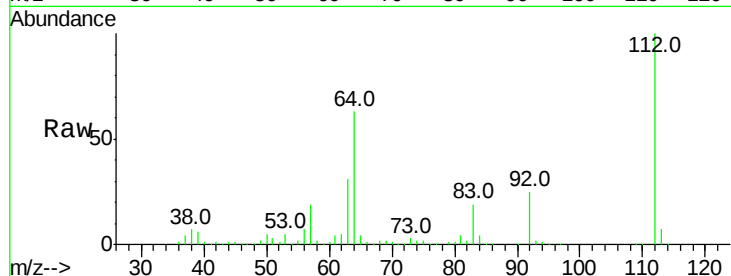
ClientSampleId :

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Tot Ion:	112	Resp:	455011
Ion Ratio	Lower	Upper	
112	100		
64	62.7	56.3	84.5
63	31.5	30.1	45.1

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#6

Aniline

Concen: 28.033 ng

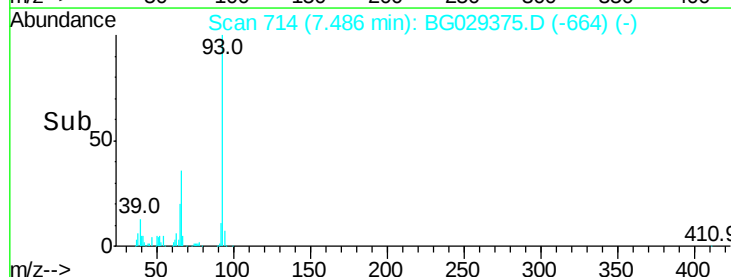
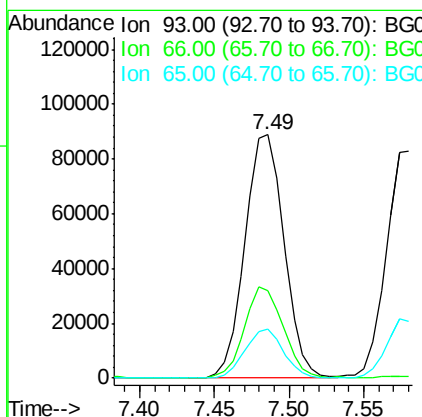
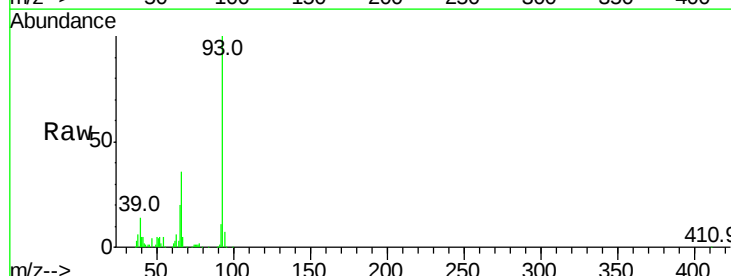
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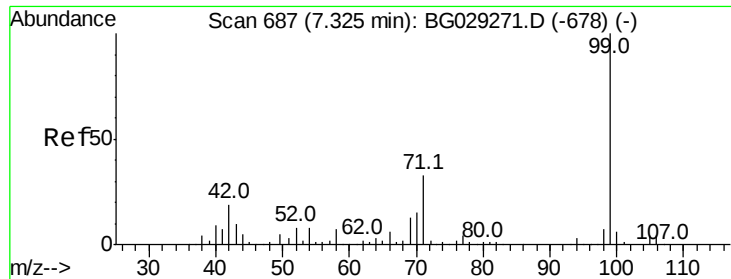
Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	93	Resp:	161032
Ion Ratio	Lower	Upper	
93	100		
66	35.9	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 134.876 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

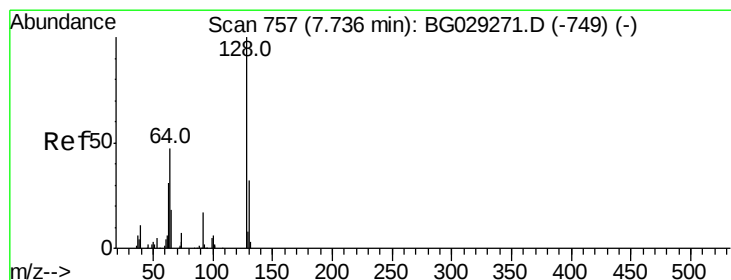
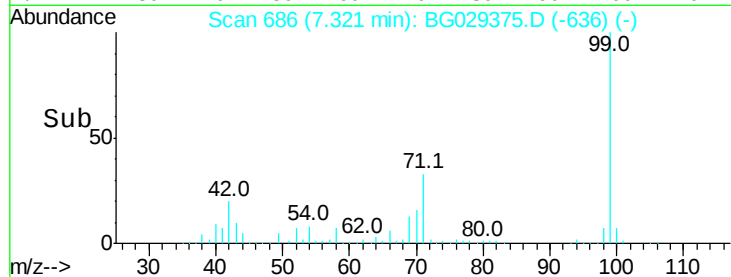
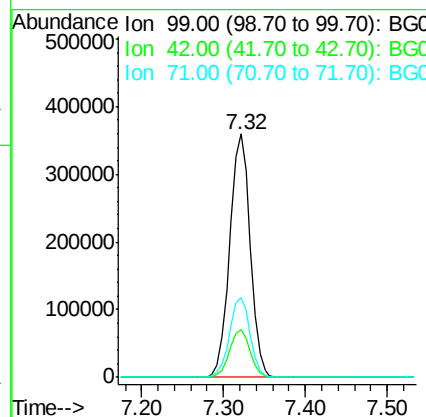
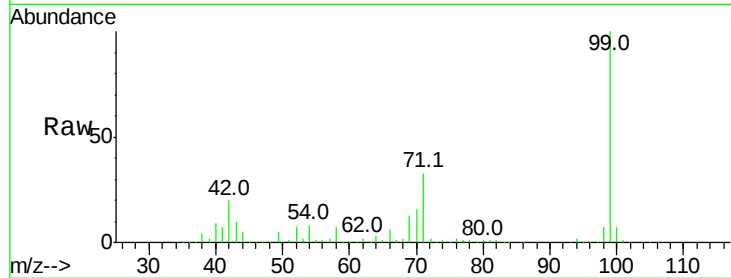
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Tot Ion:	99	Resp:	625681
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.1	21.1
71	32.9	26.1	39.1

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#8

2-Chlorophenol

Concen: 38.377 ng

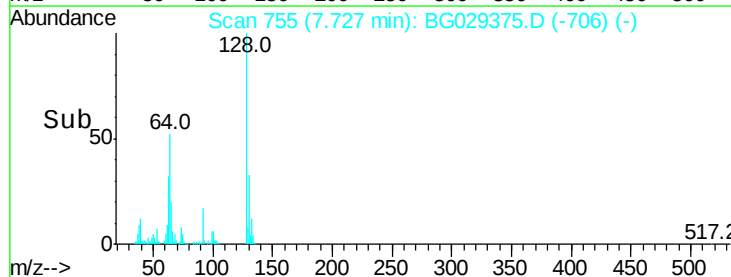
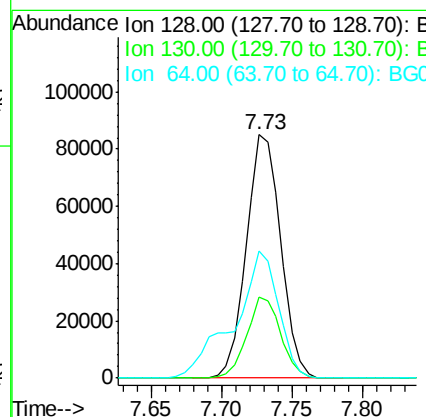
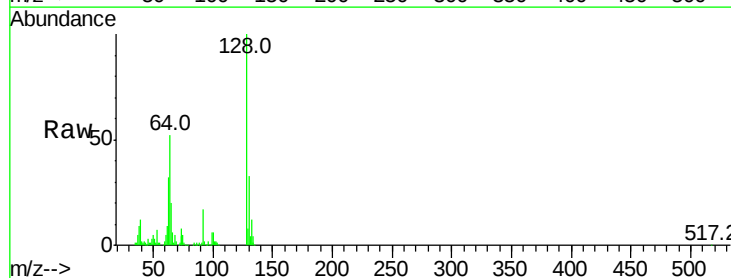
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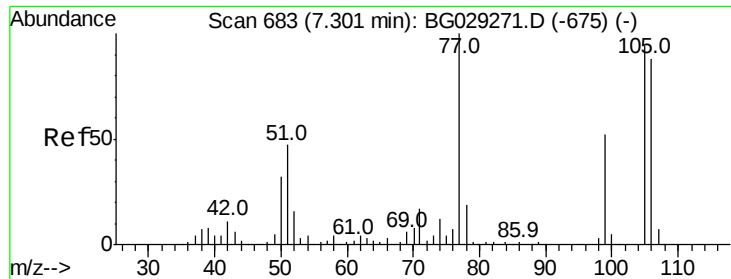
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	128	Resp:	145379
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.0	54.0
64	52.2	37.7	77.7





#9

Benzaldehyde

Concen: 17.426 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

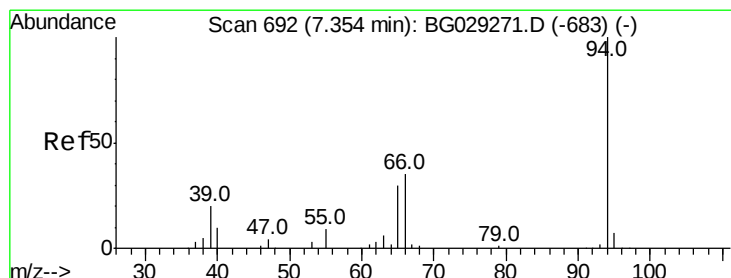
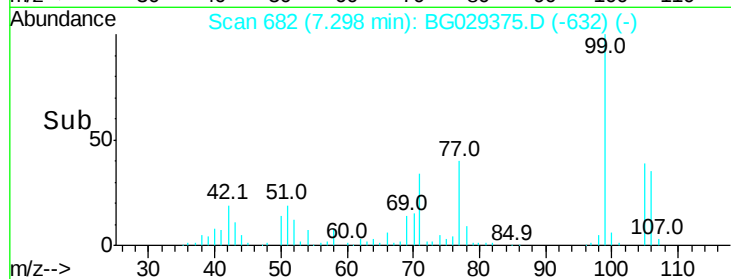
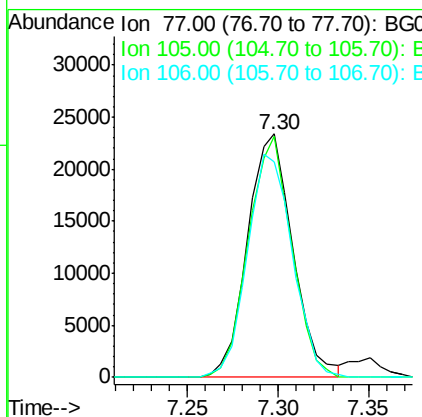
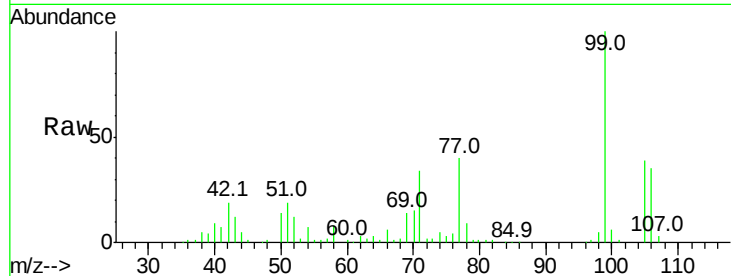
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Tot Ion:	77	Resp:	40660
Ion	Ratio	Lower	Upper
77	100		
105	99.0	71.3	111.3
106	88.5	64.2	104.2

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#10

Phenol

Concen: 45.848 ng

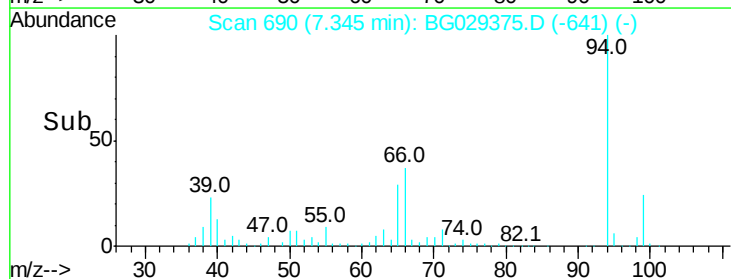
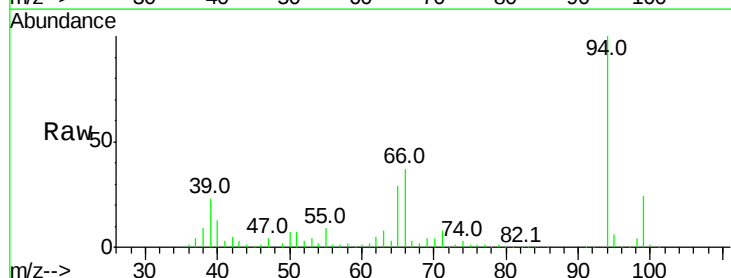
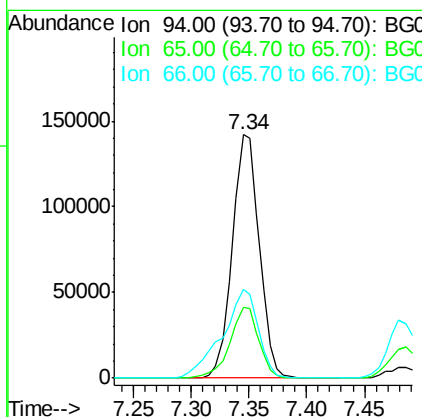
RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	94	Resp:	229295
Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.9	51.9
66	36.6	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.999 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

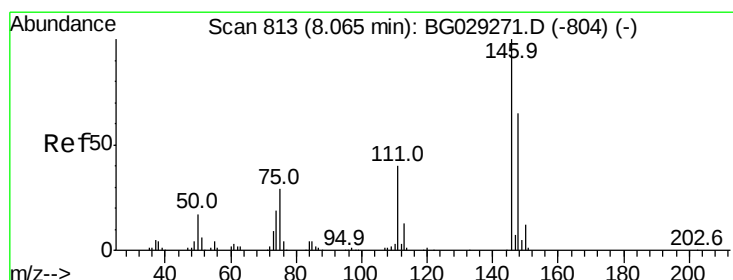
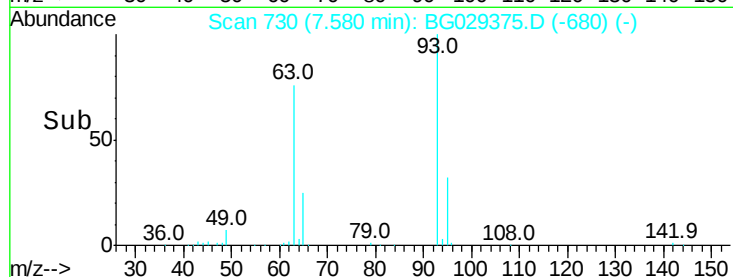
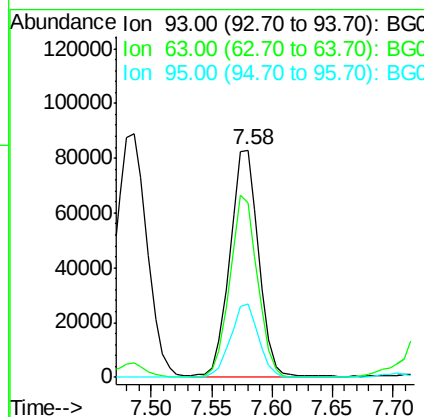
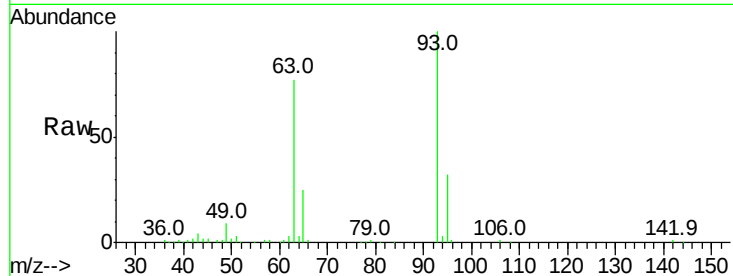
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	93	Resp:	138461
Ion Ratio	Lower	Upper	
93	100		
63	77.0	67.1	107.1
95	32.1	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 35.690 ng

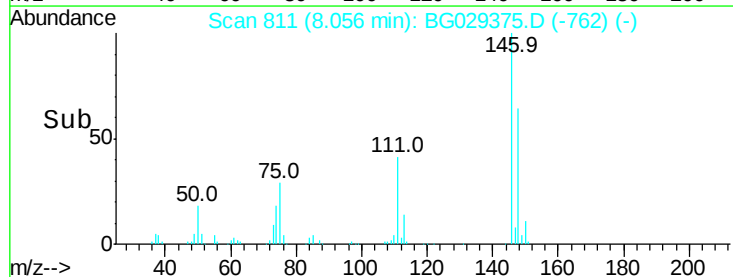
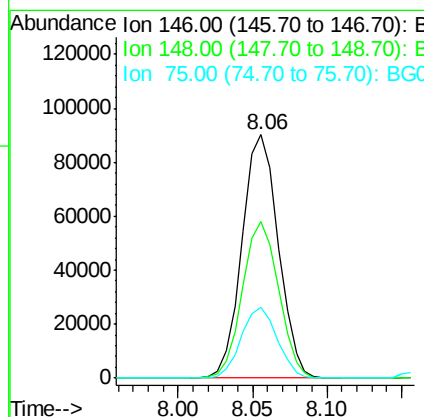
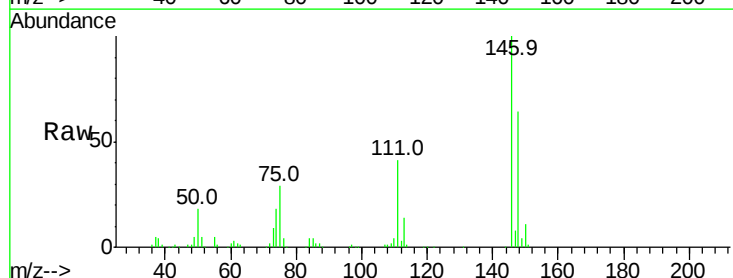
RT: 8.06 min Scan# 811

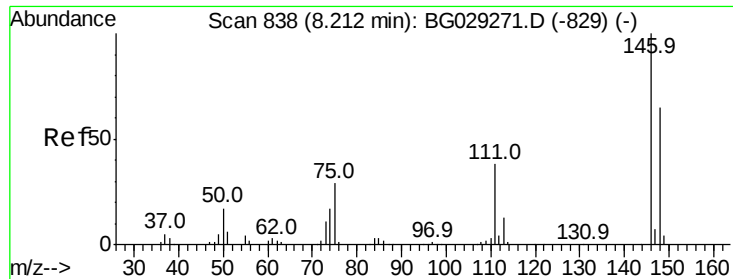
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	146	Resp:	151791
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
75	29.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 35.632 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

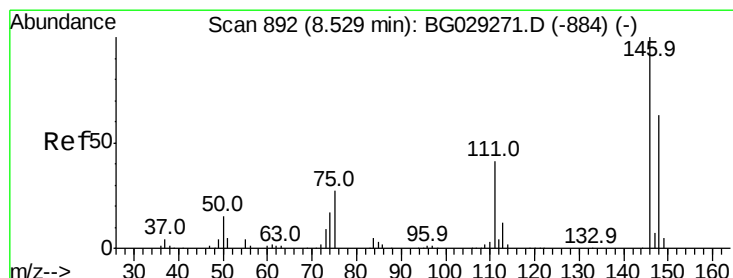
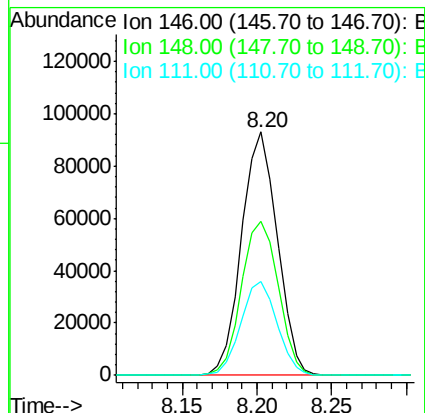
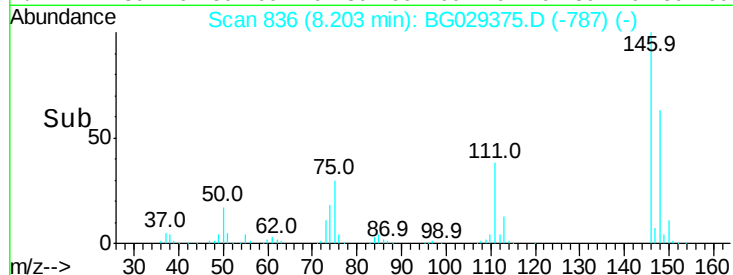
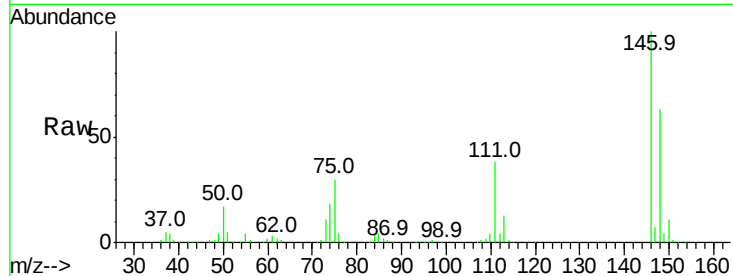
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.7	80.5
111	38.4	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 35.483 ng

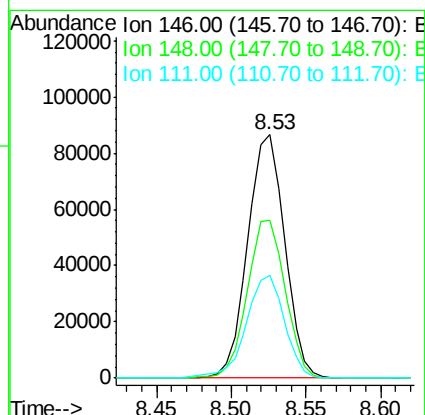
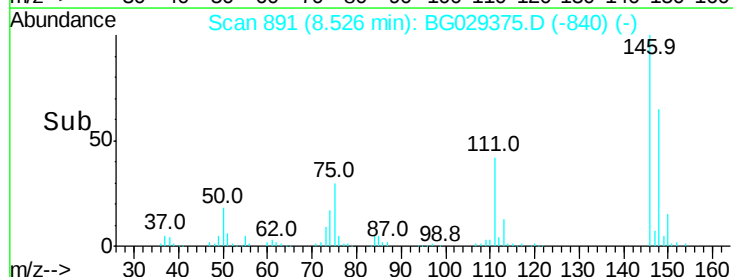
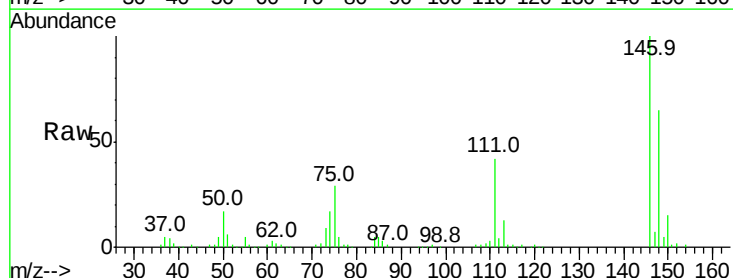
RT: 8.53 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	42.1	34.3	51.5





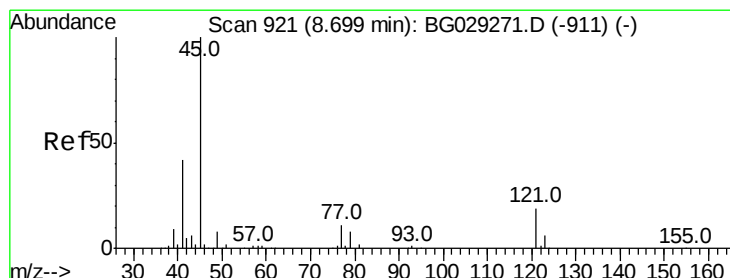
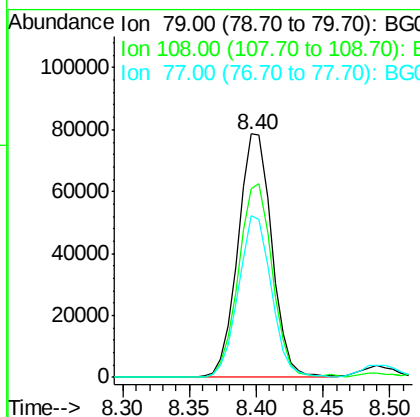
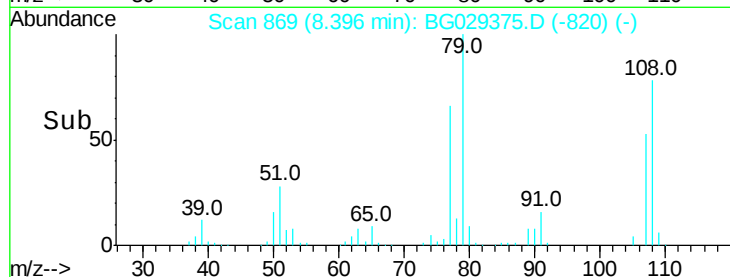
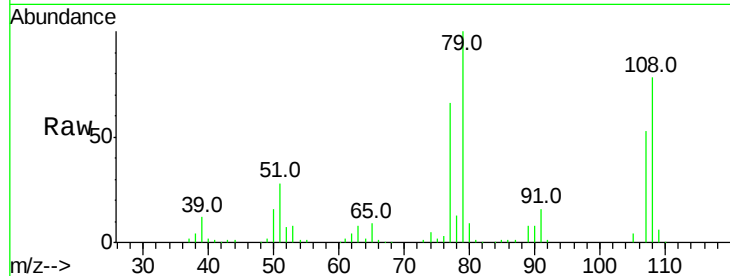
#15
Benzyl Alcohol
Concen: 42.225 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	57.2	85.8
77	66.2	46.1	69.1

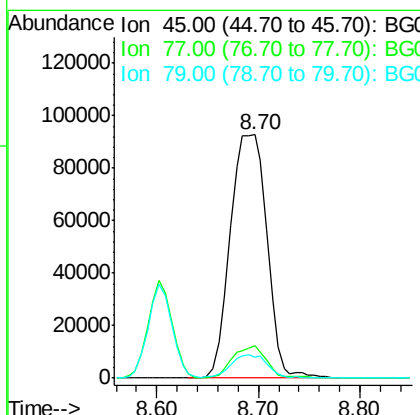
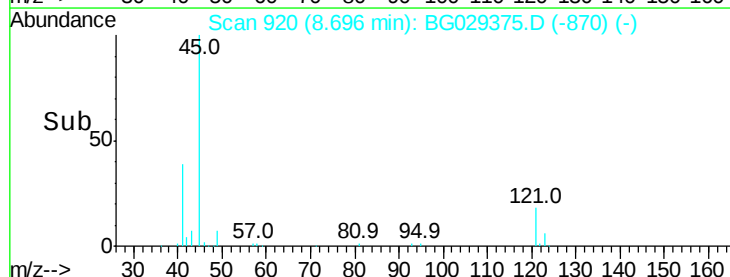
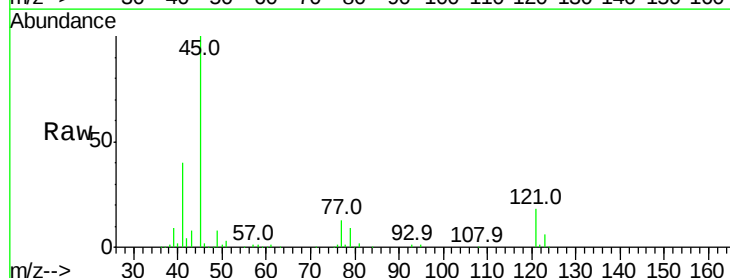
Manual Integrations
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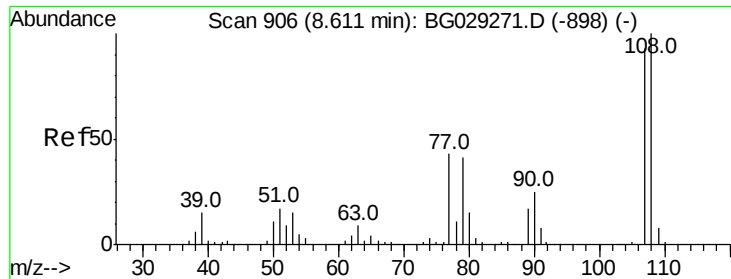
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.604 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.2
79	8.7	0.0	27.9





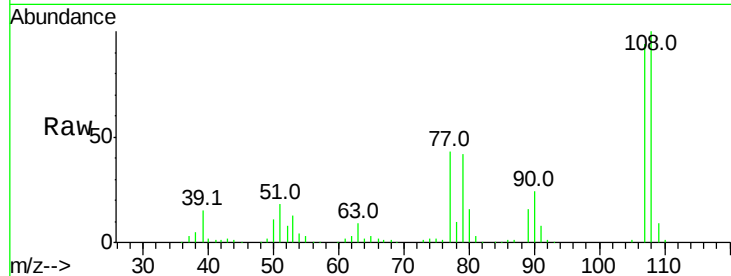
#17
2-Methylphenol
Concen: 40.768 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

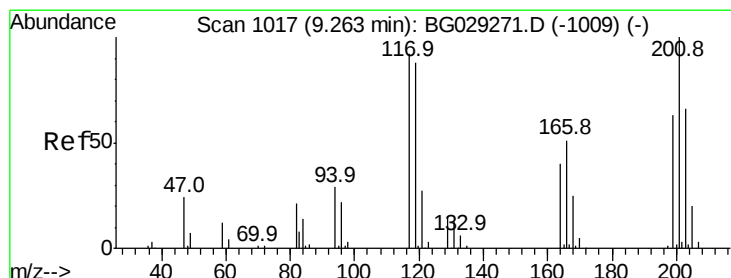
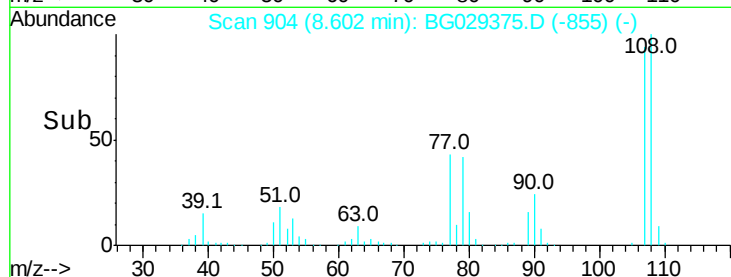
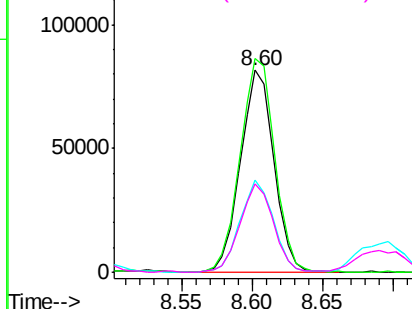
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.8	83.9	125.9	
77	45.6	37.2	55.8	
79	43.9	36.2	54.2	

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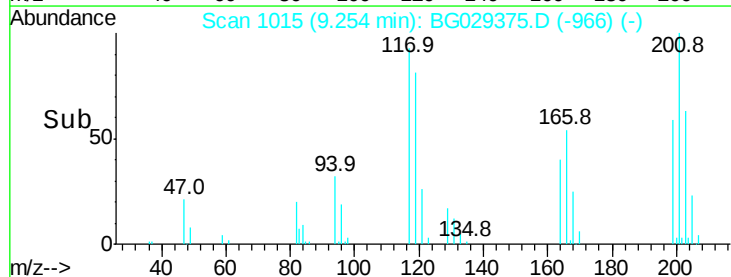
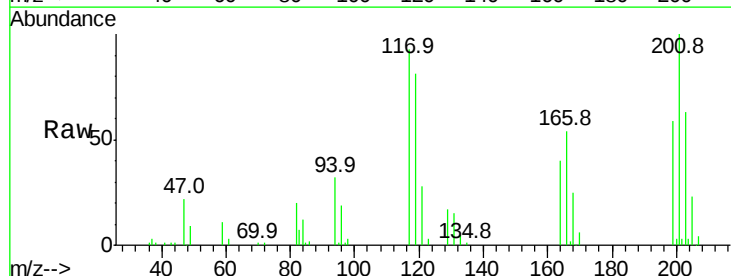
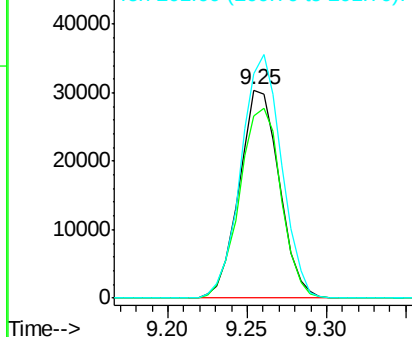
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

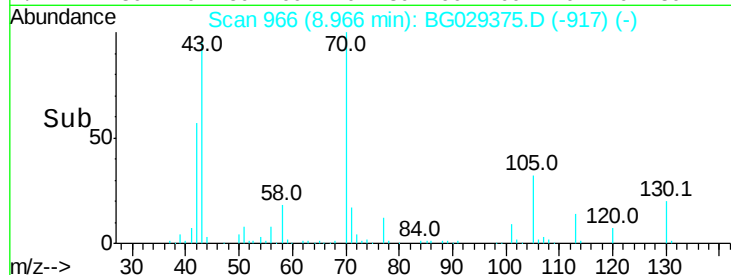
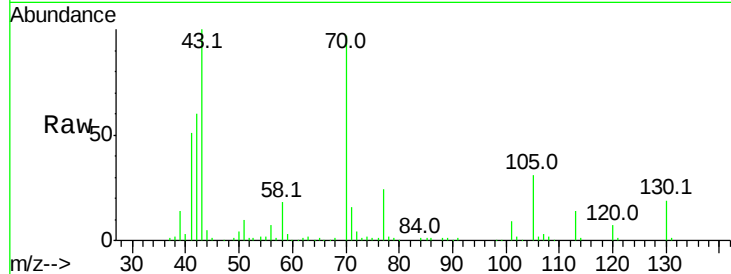
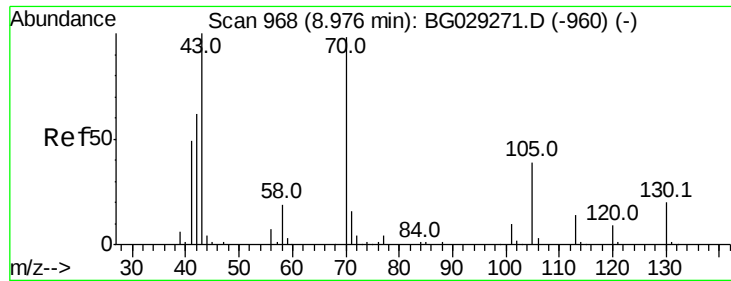


#18
Hexachloroethane
Concen: 36.099 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.8	76.7	115.1	
201	107.9	95.7	143.5	

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





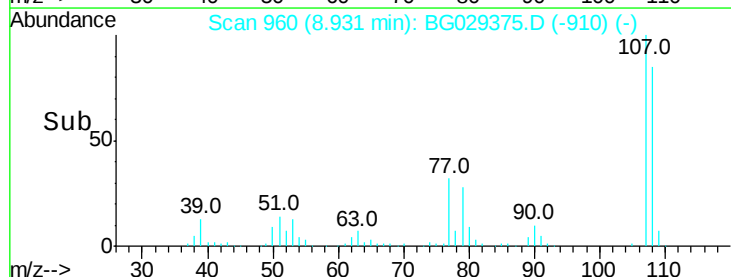
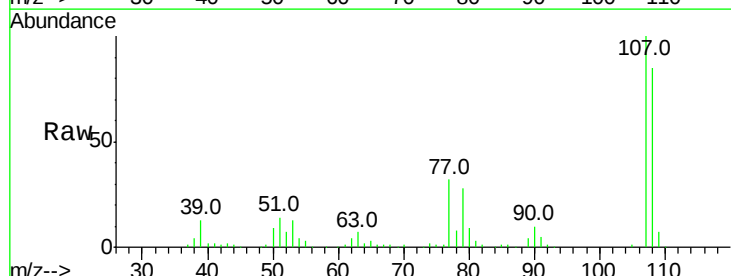
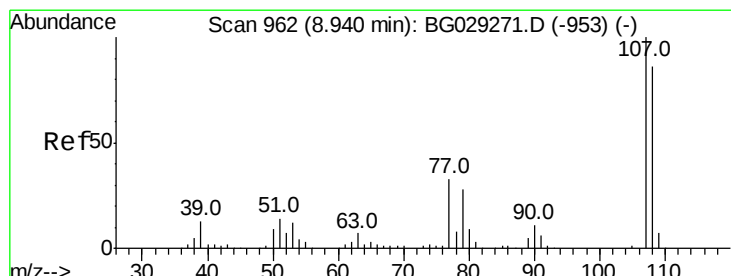
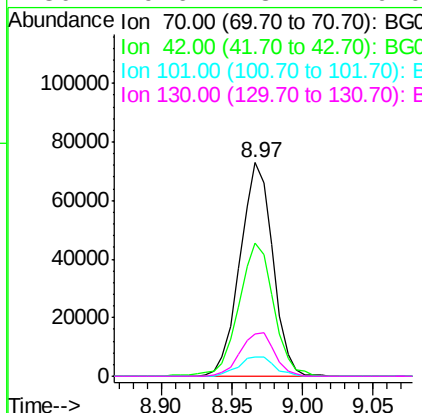
#19
n-Nitroso-di-n-propylamine
Concen: 37.453 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.1	73.7
101	9.0	8.5	12.7
130	19.6	13.4	20.0

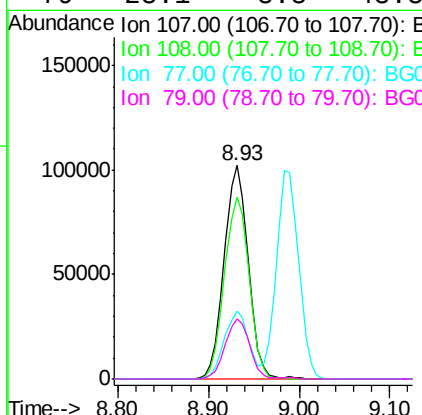
Manual Integrations
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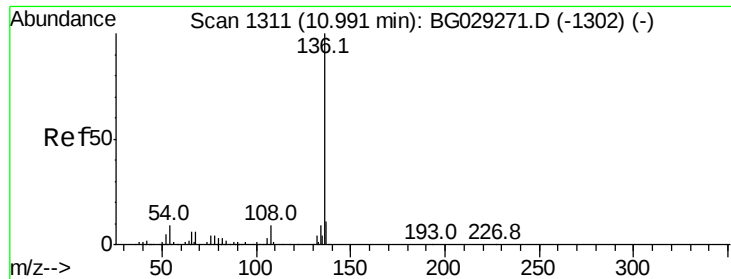
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#20
3+4-Methylphenols
Concen: 40.461 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	61.6	101.6
77	31.9	13.9	53.9
79	28.1	8.8	48.8





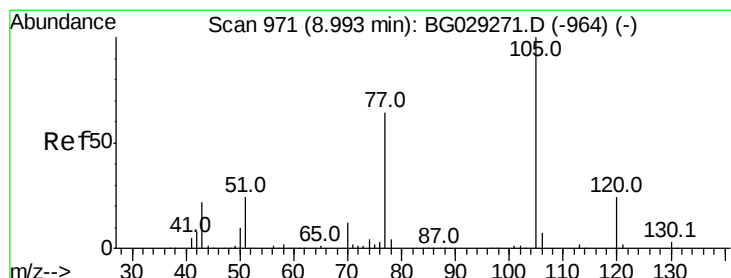
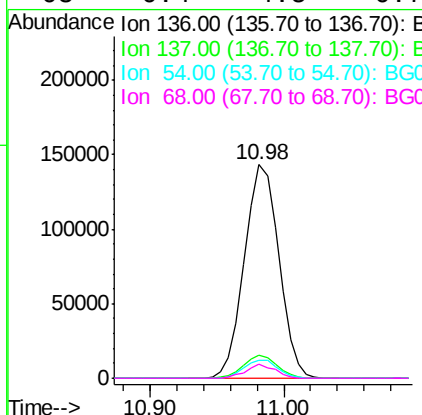
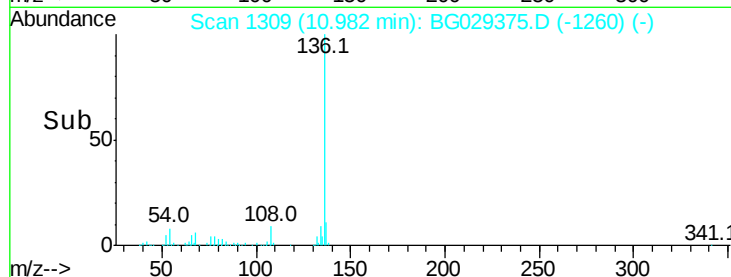
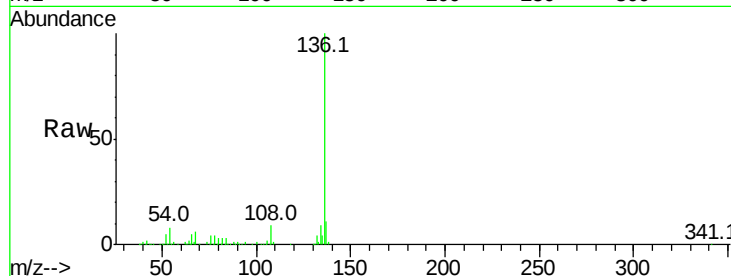
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	8.5	10.3	15.5	
68	6.4	4.5	6.7	

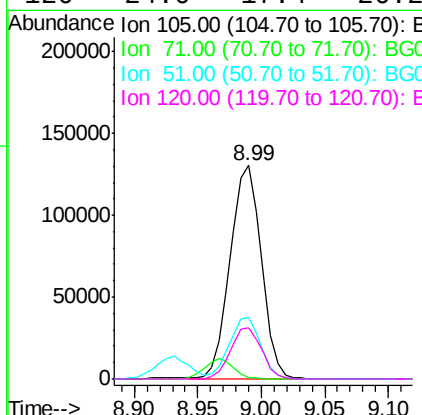
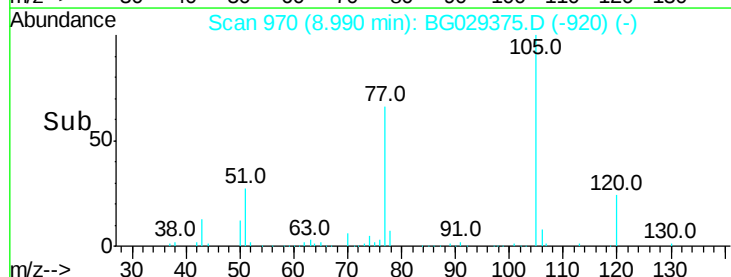
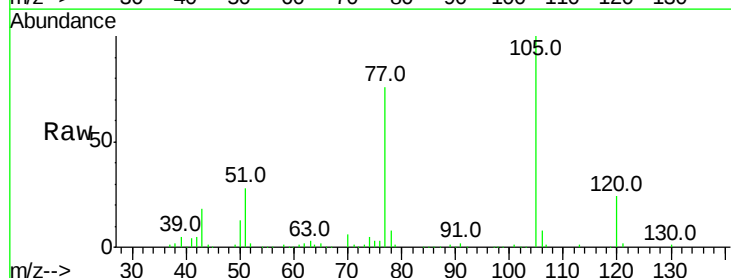
Manual Integrations
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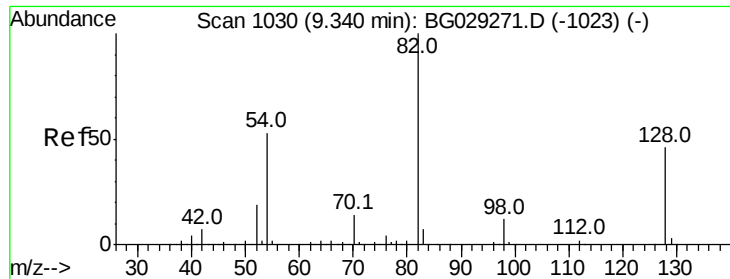
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#22
Acetophenone
Concen: 35.907 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	3.0	4.4	
51	28.5	26.1	39.1	
120	24.0	17.4	26.2	





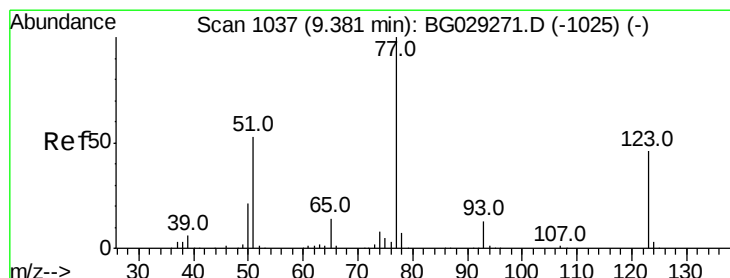
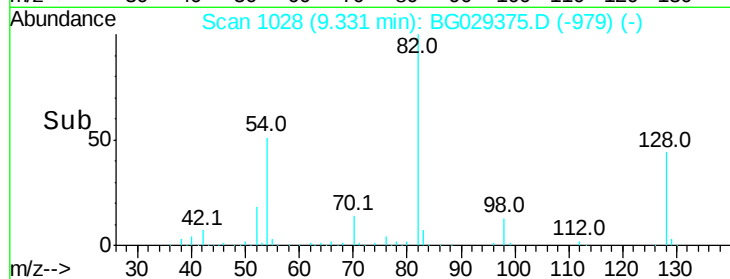
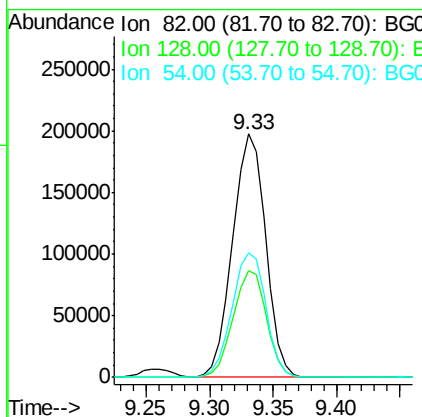
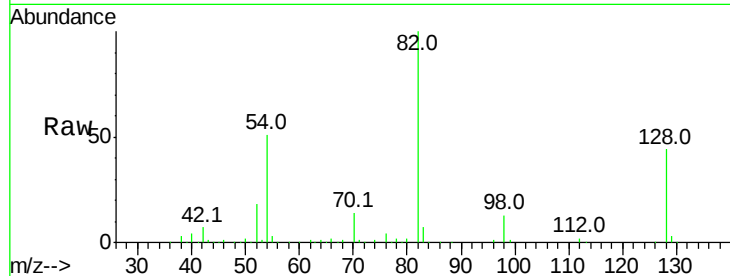
#23
Nitrobenzene-d5
Concen: 88.482 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	51.1	43.1	64.7

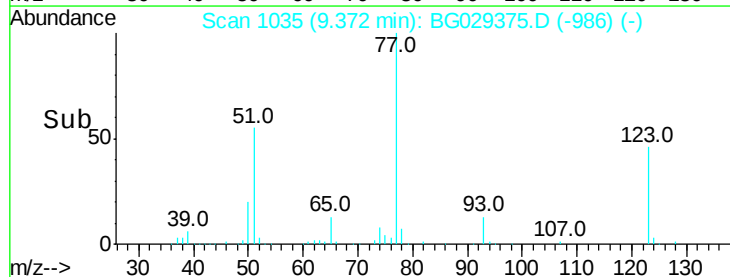
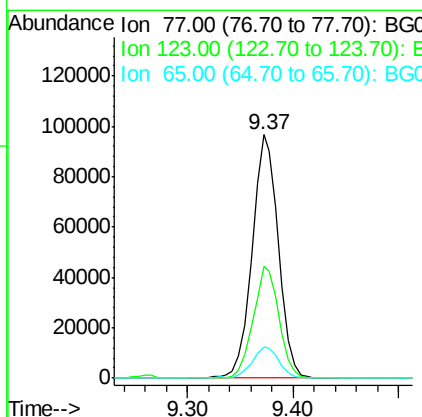
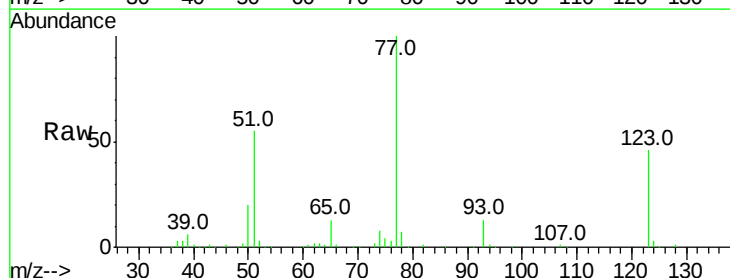
Manual Integrations
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#24
Nitrobenzene
Concen: 36.838 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.0	49.6
65	12.7	13.0	19.6#





#25

Isophorone

Concen: 39.204 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

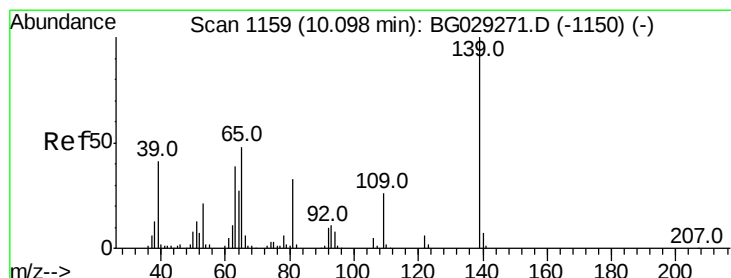
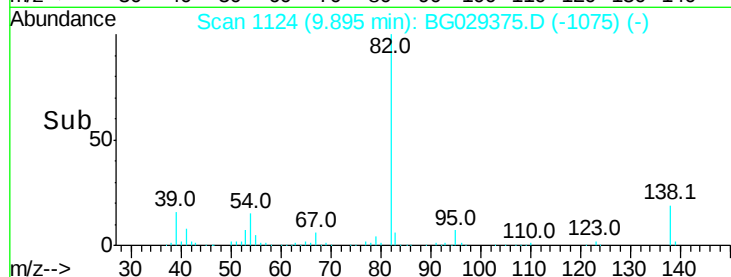
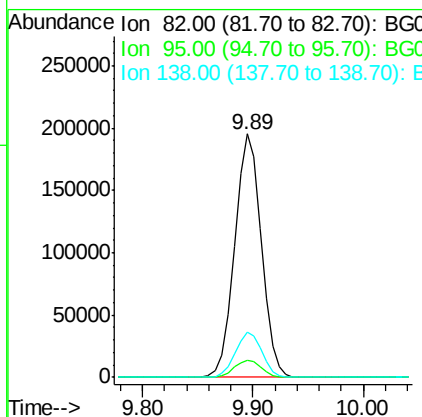
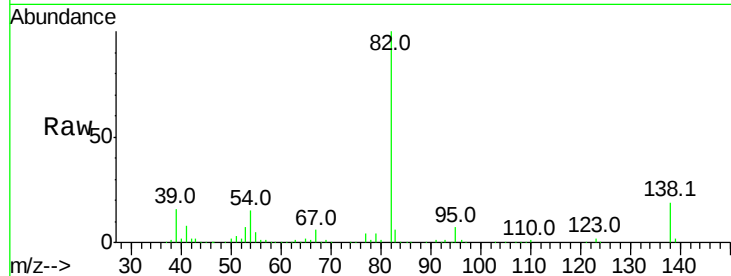
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	82	Resp:	330154
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.2	9.2
138	18.6	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.291 ng

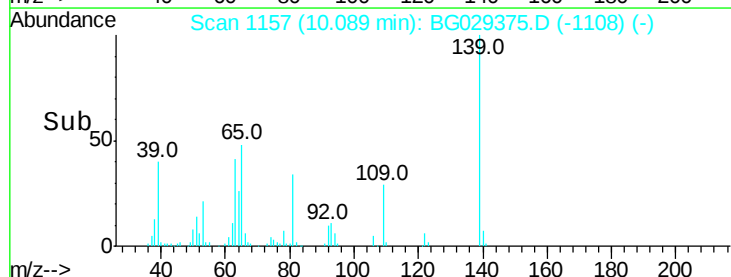
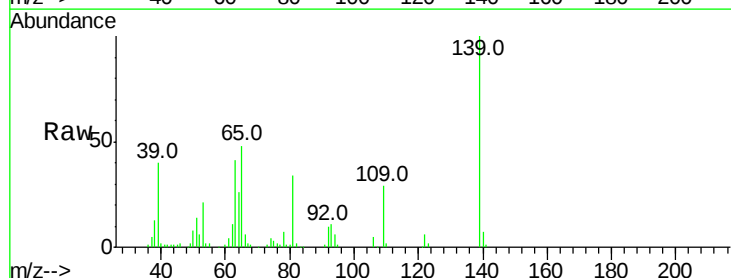
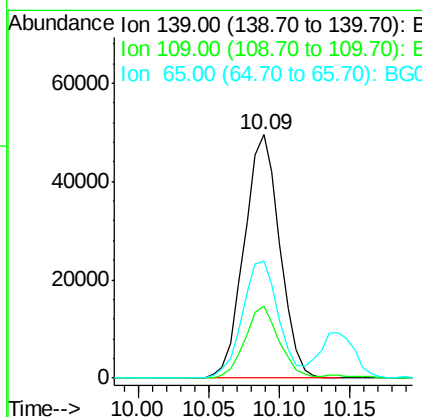
RT: 10.09 min Scan# 1157

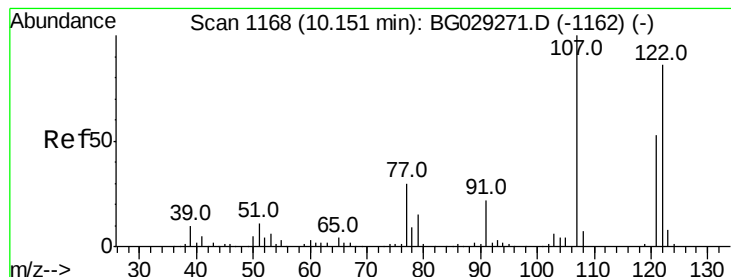
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	139	Resp:	87344
Ion Ratio		Lower	Upper
139	100		
109	29.4	24.2	36.2
65	48.0	47.4	71.0





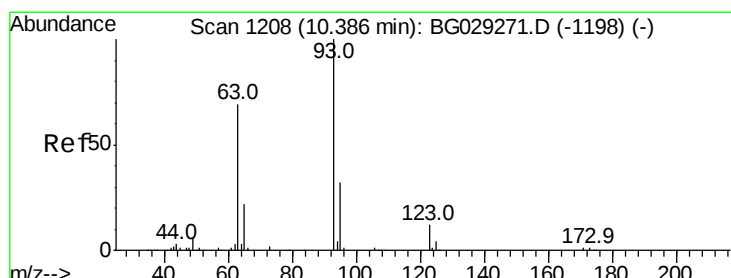
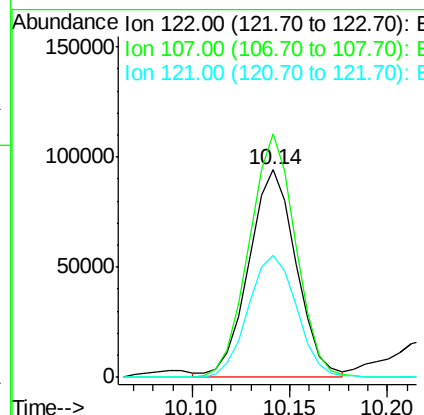
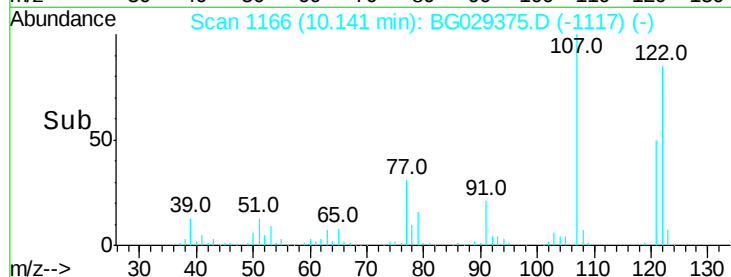
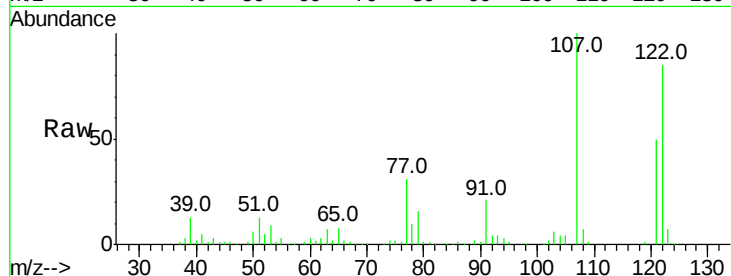
#27
 2,4-Dimethylphenol
 Concen: 40.431 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		158576		
107	117.5	100.2	150.2		
121	59.0	44.4	66.6		

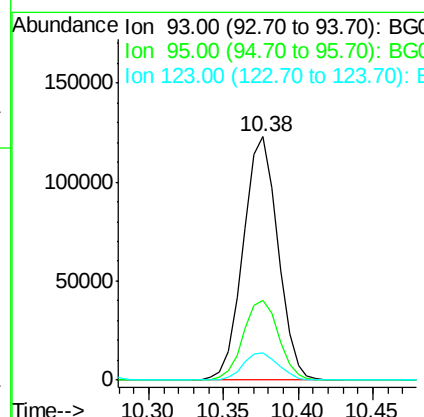
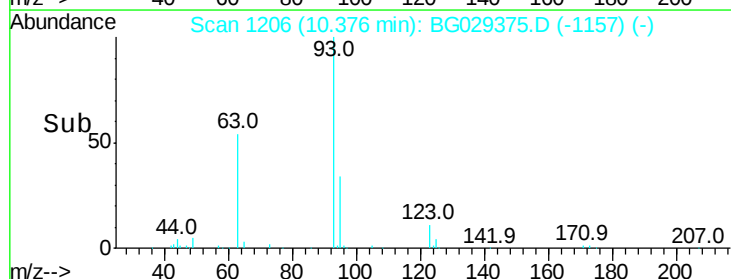
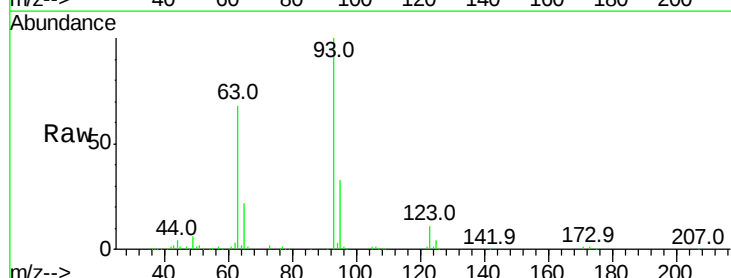
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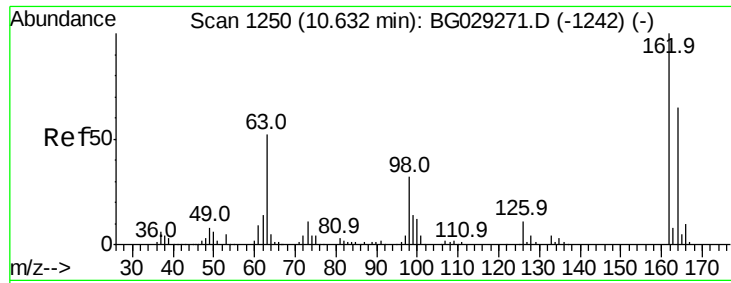
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.297 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		197763		
95	32.9	24.3	36.5		
123	11.3	8.4	12.6		





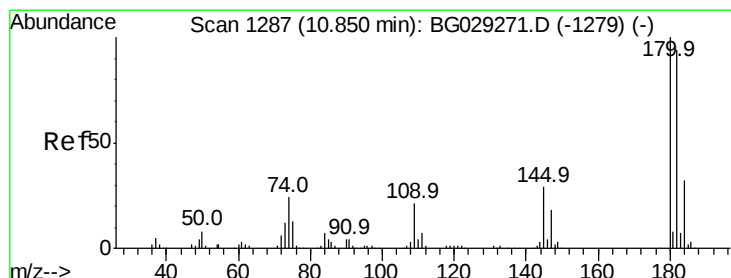
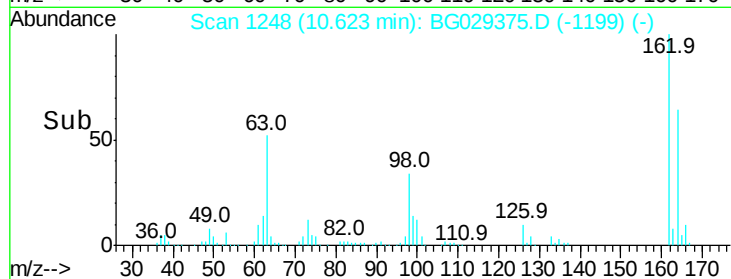
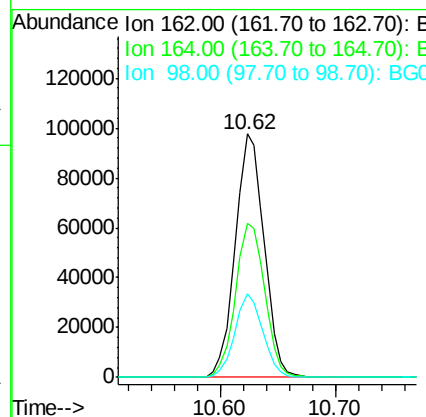
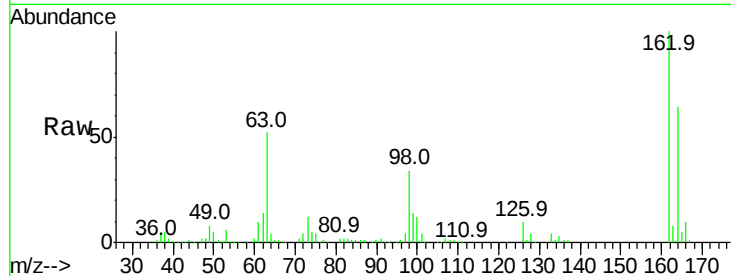
#29
 2,4-Dichlorophenol
 Concen: 40.420 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	48.0	88.0
98	34.1	21.1	61.1

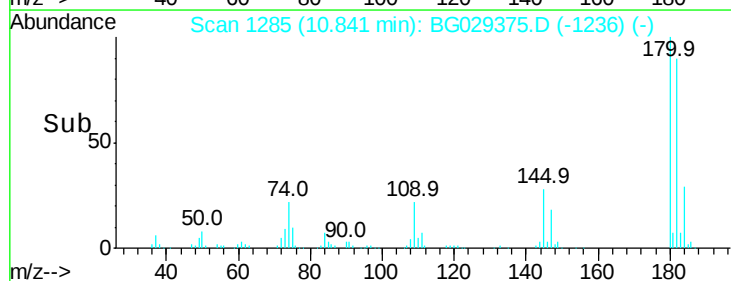
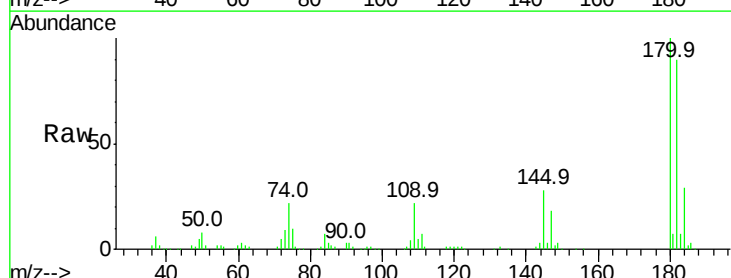
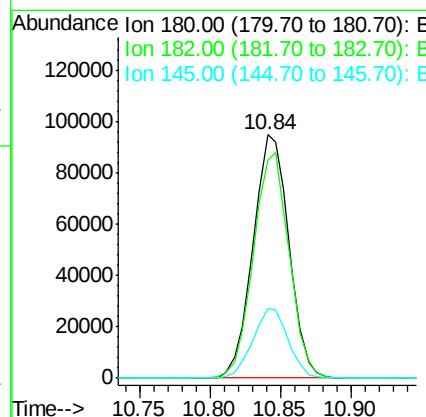
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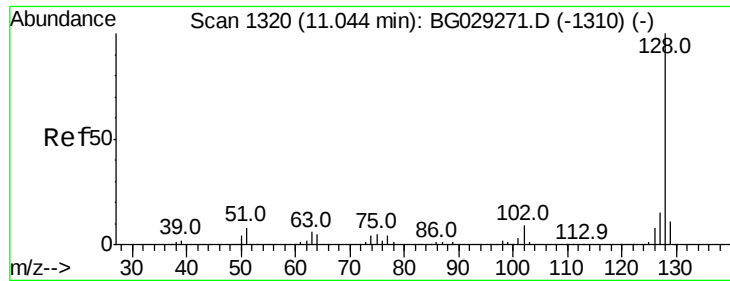
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.445 ng
 RT: 10.84 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	89.6	77.5	116.3
145	28.4	23.4	35.2





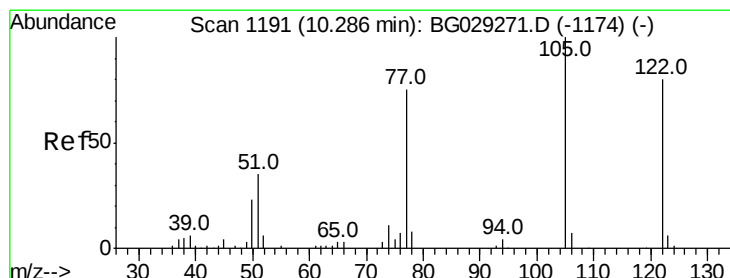
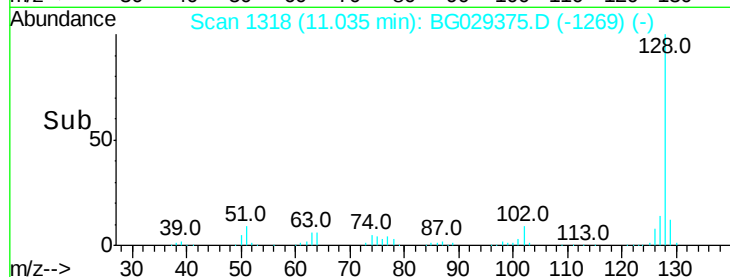
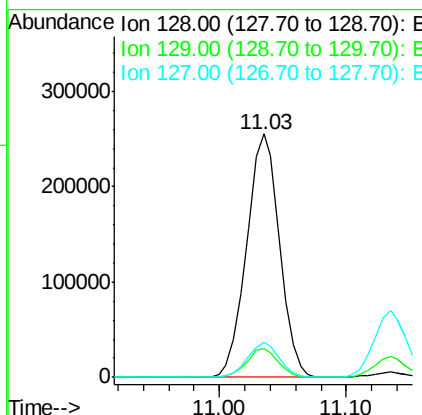
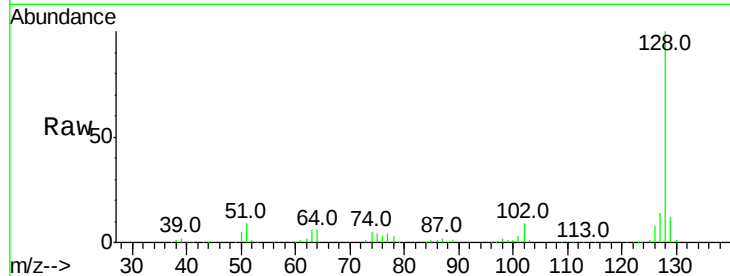
#31
Naphthalene
Concen: 36.075 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.3	11.6	17.4

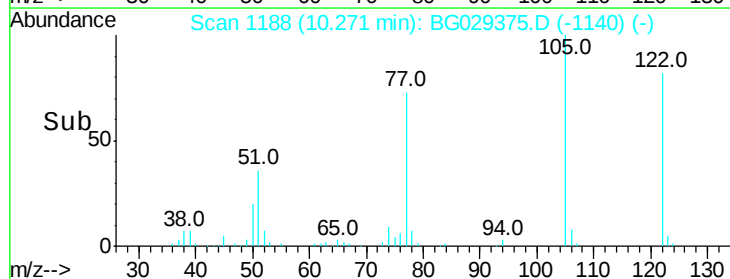
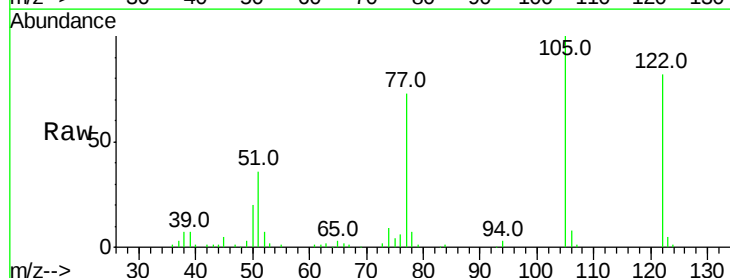
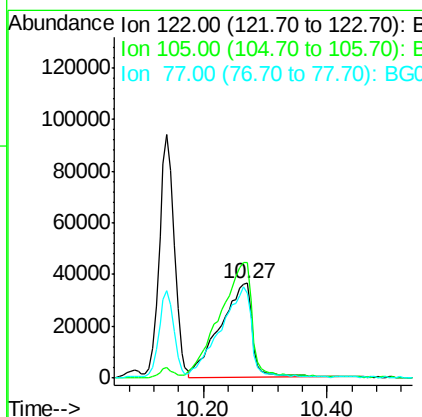
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#32
Benzoic acid
Concen: 40.736 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	123.5	163.5#
77	89.2	85.7	125.7





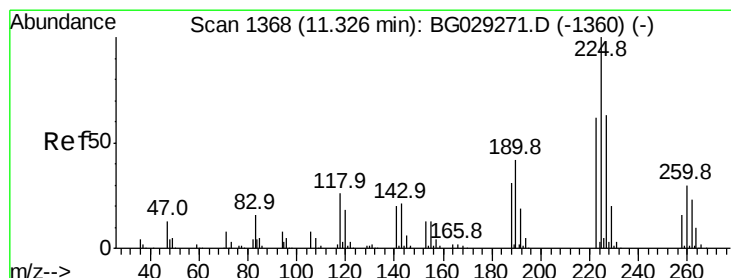
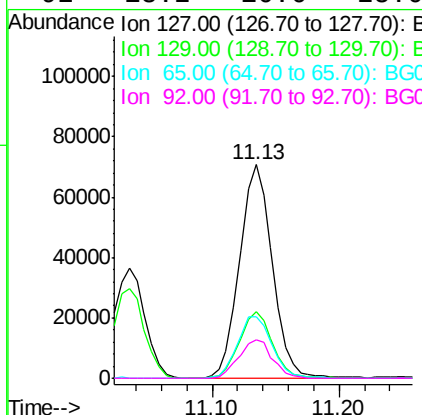
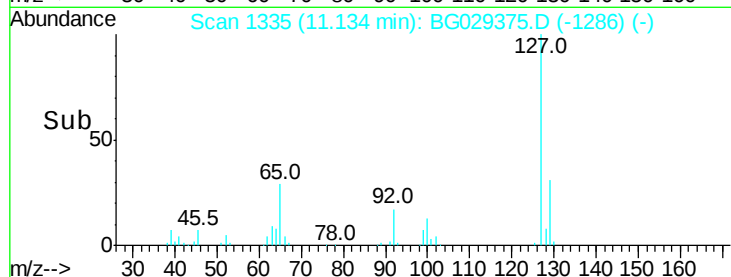
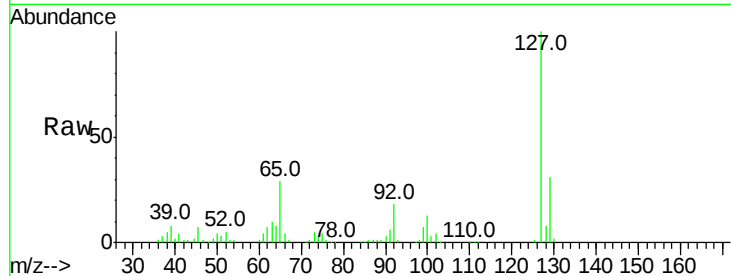
#33
4-Chloroaniline
Concen: 23.647 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	24.0	36.0		
65	28.8	27.0	40.4		
92	18.2	16.6	25.0		

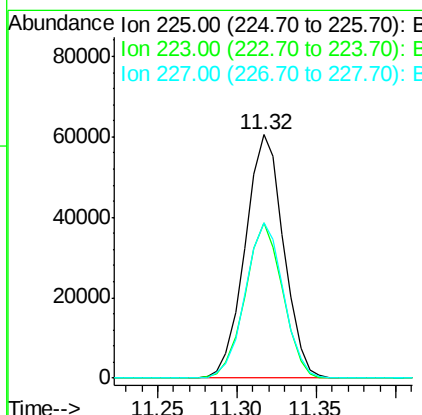
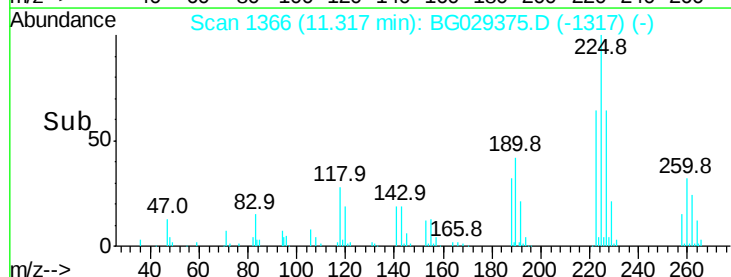
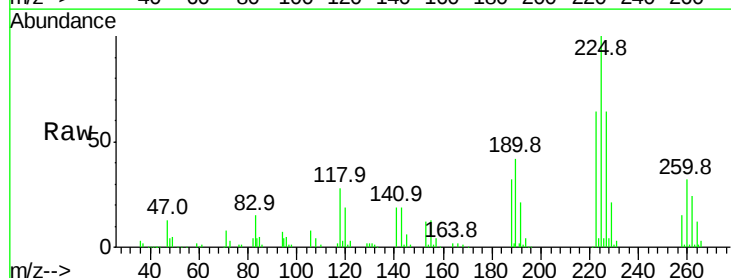
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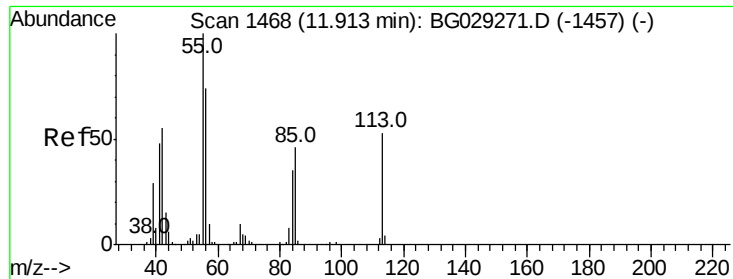
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#34
Hexachlorobutadiene
Concen: 36.262 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.7	74.5		
227	63.9	48.1	72.1		





#35

Caprolactam

Concen: 47.974 ng/mL

RT: 11.90 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

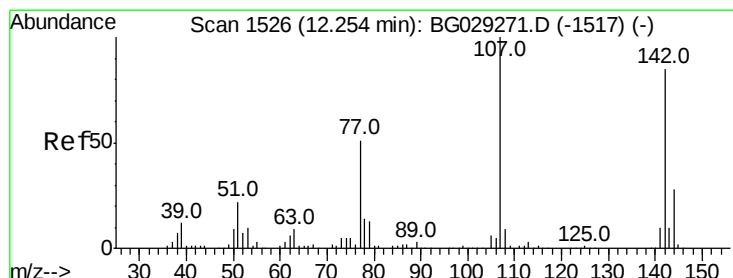
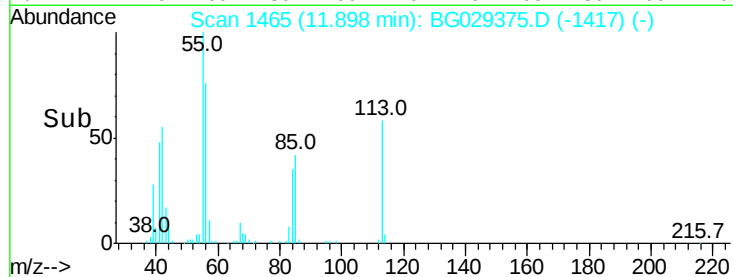
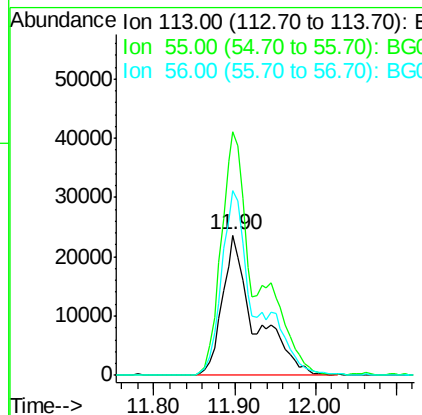
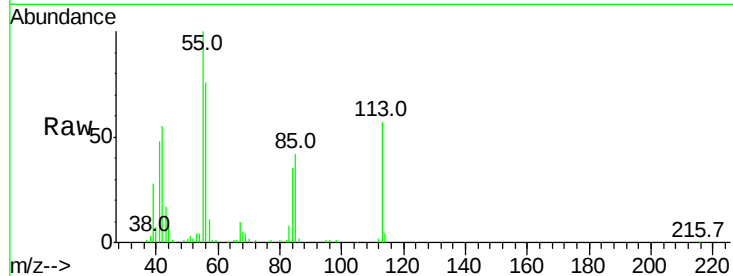
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	113	Resp:	66685
Ion	Ratio	Lower	Upper
113	100		
55	174.0	186.9	226.9#
56	131.7	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 40.220 ng/mL

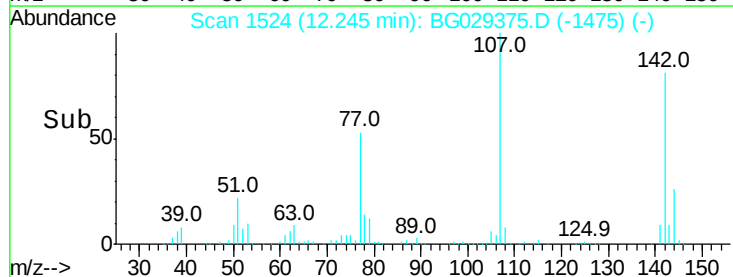
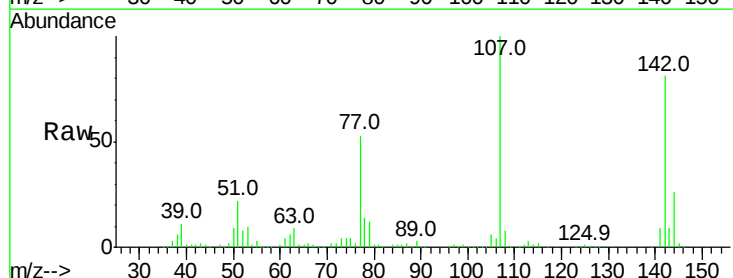
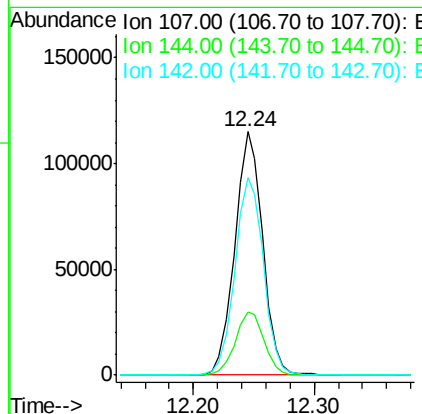
RT: 12.24 min Scan# 1524

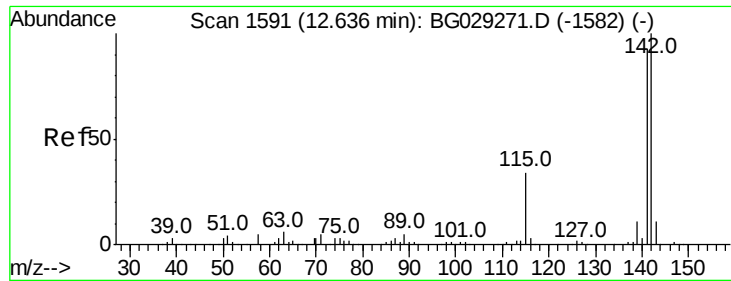
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	107	Resp:	185015
Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.2	27.4
142	81.1	59.0	88.4





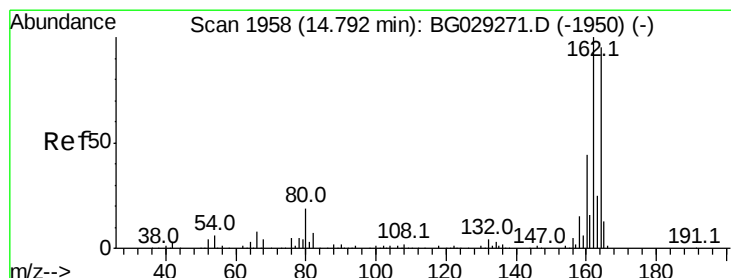
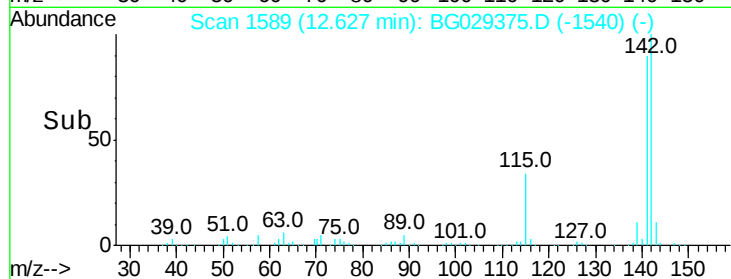
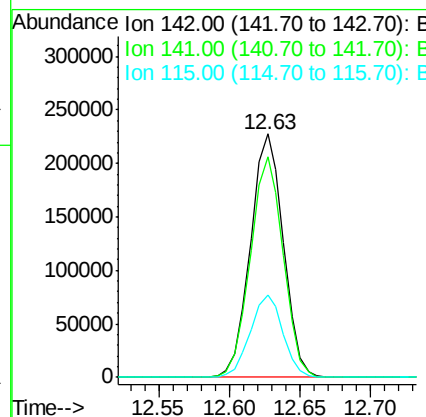
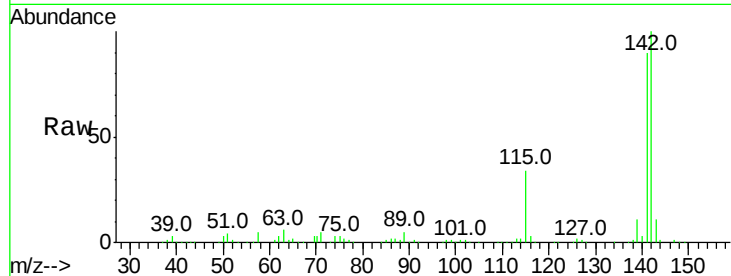
#37
2-Methylnaphthalene
Concen: 39.948 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	34.0	30.7	46.1

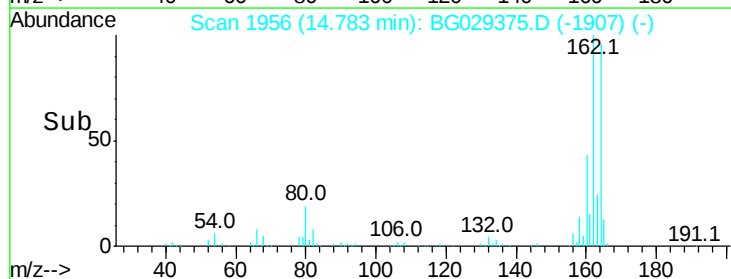
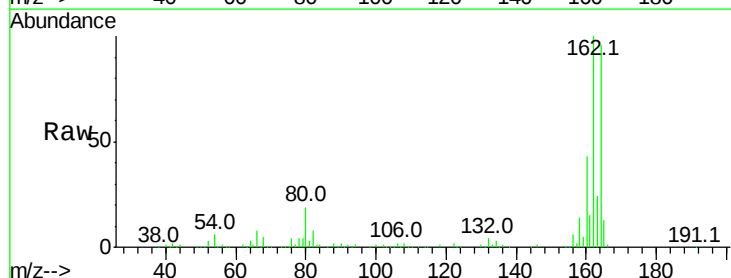
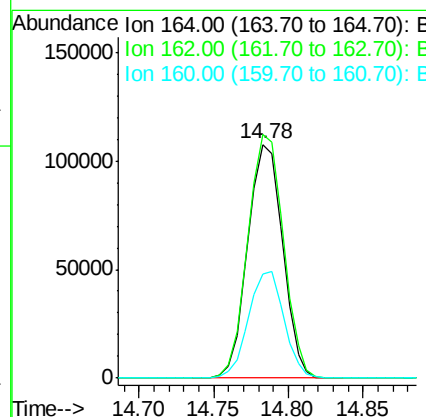
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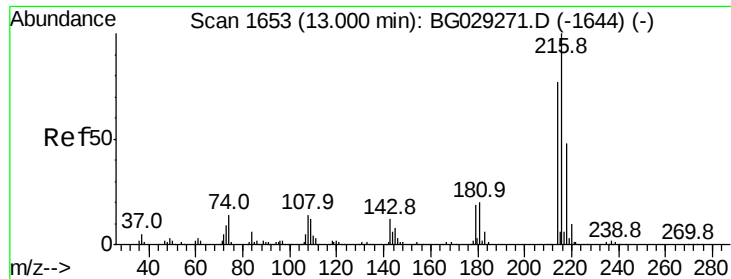
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	44.6	35.4	53.0





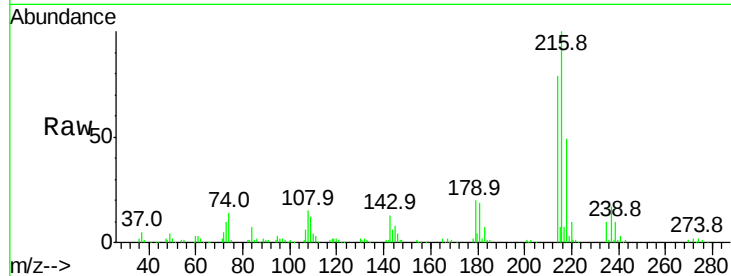
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.286 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

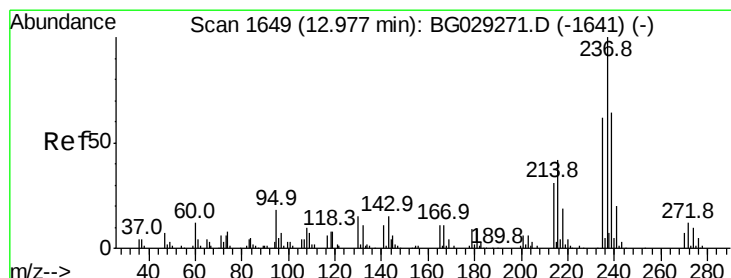
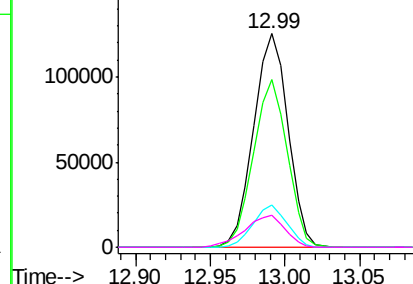
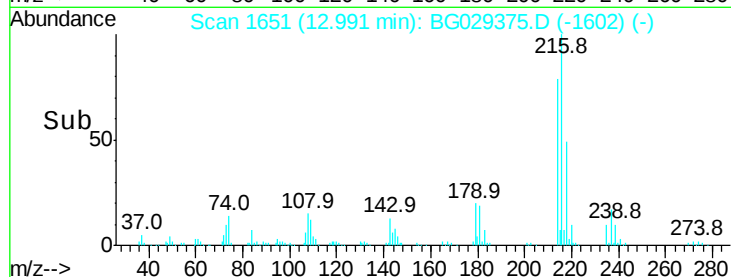
Tot Ion	Ratio	Resp	Lower	Upper
216	100	199032		
214	77.5	63.0	94.4	
179	19.5	17.0	25.6	
108	17.8	12.8	19.2	

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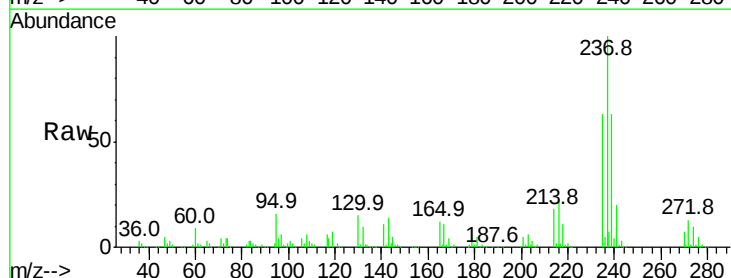


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

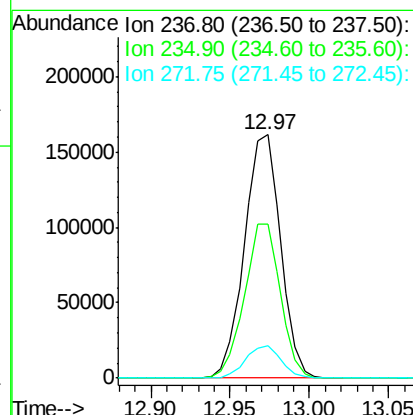
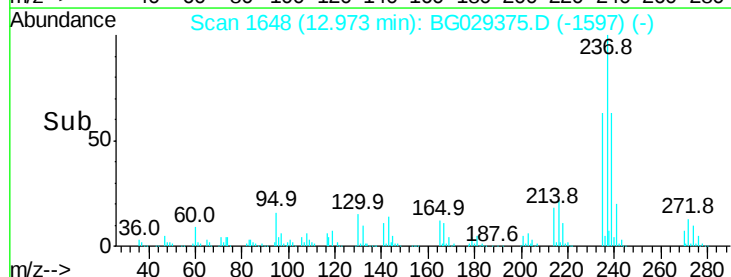


#40
 Hexachlorocyclopentadiene
 Concen: 104.538 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	255589		
235	63.2	50.4	90.4	
272	13.3	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





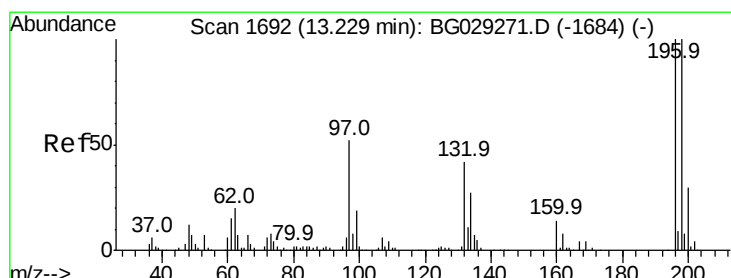
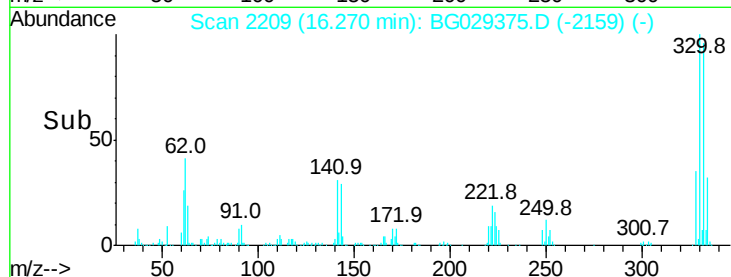
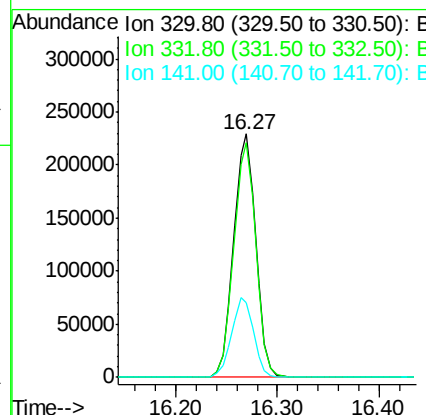
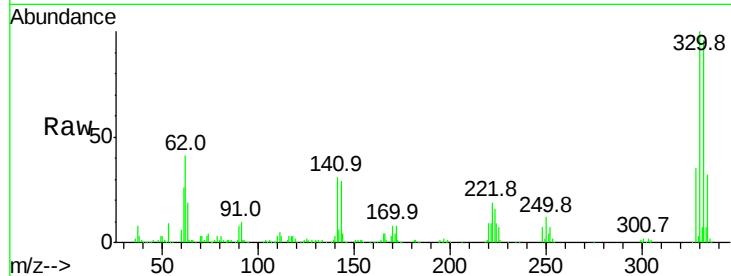
#41
 2,4,6-Tribromophenol
 Concen: 154.486 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	347543		
332	95.8	77.0	115.6	
141	32.4	25.2	37.8	

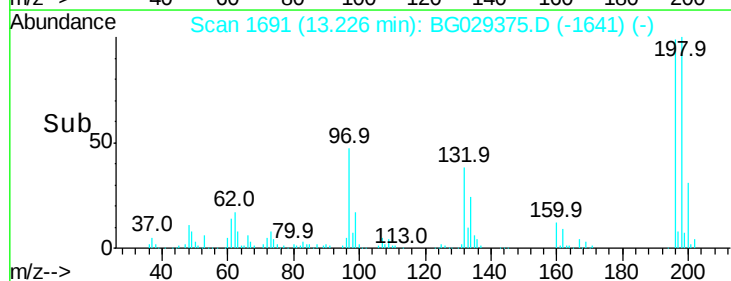
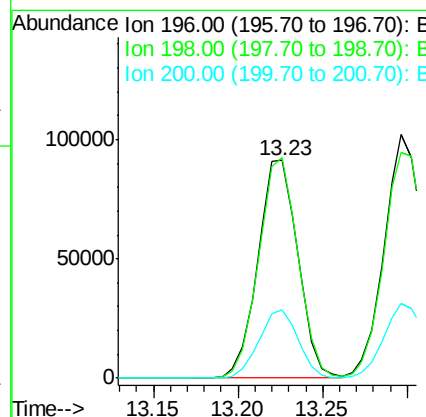
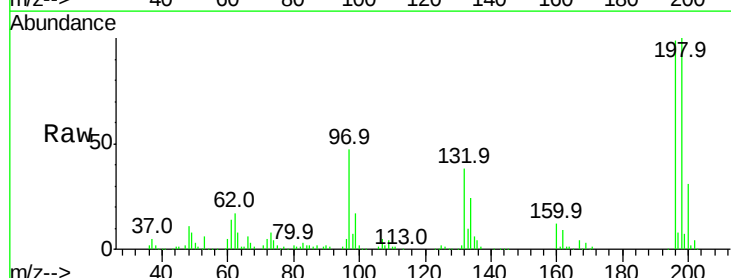
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#42
 2,4,6-Trichlorophenol
 Concen: 37.717 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150625		
198	101.2	78.2	117.2	
200	31.4	24.6	36.8	





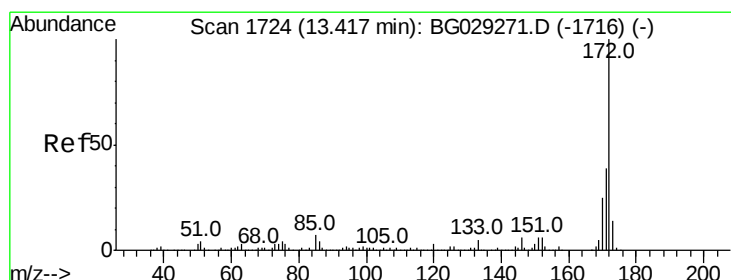
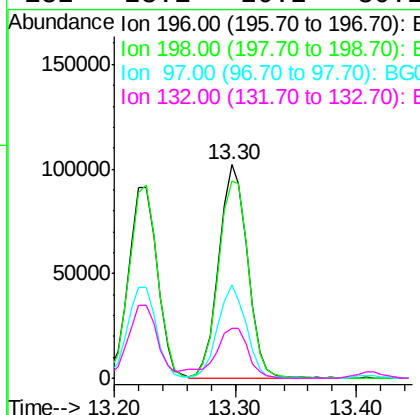
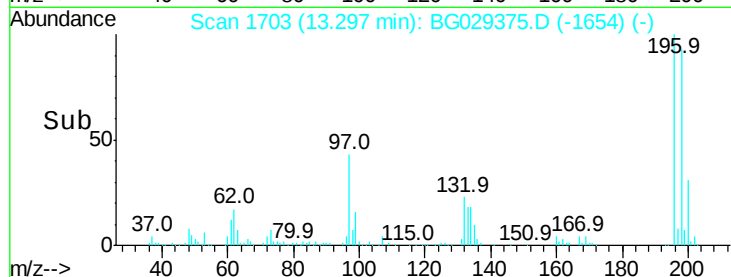
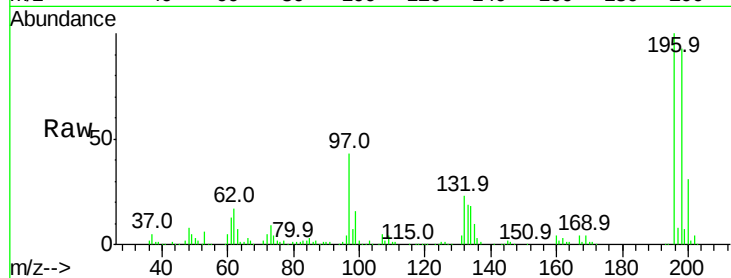
#43
 2,4,5-Trichlorophenol
 Concen: 40.765 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	196	Resp	167190
Ion Ratio	Lower	Upper	
196	100		
198	92.5	76.2	114.4
97	43.5	38.7	58.1
132	23.1	20.2	30.2

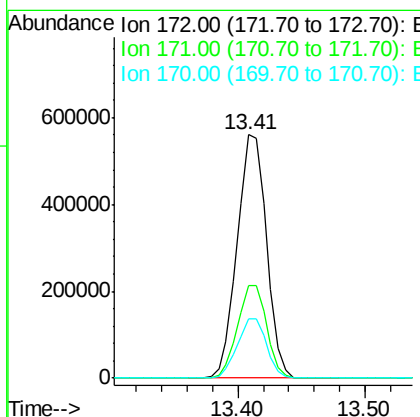
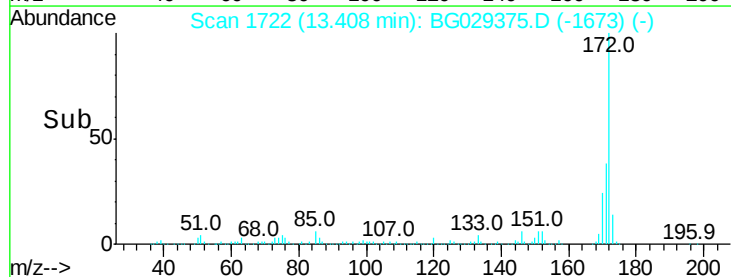
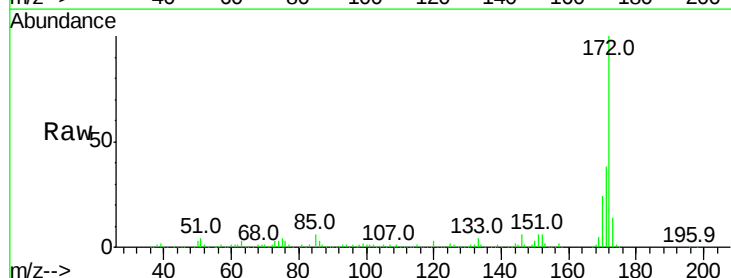
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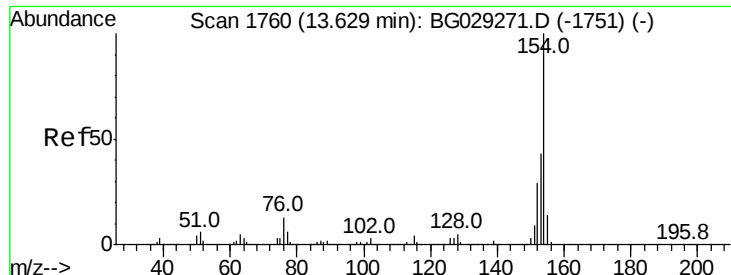
Sohil
 10/23/2017 3:40:45 PM



#44
 2-Fluorobiphenyl
 Concen: 75.583 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	172	Resp	897959
Ion Ratio	Lower	Upper	
172	100		
171	38.2	30.0	45.0
170	24.4	19.5	29.3





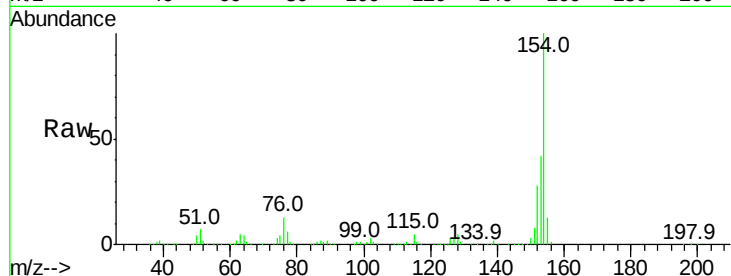
#45
 1,1'-Biphenyl
 Concen: 33.663 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

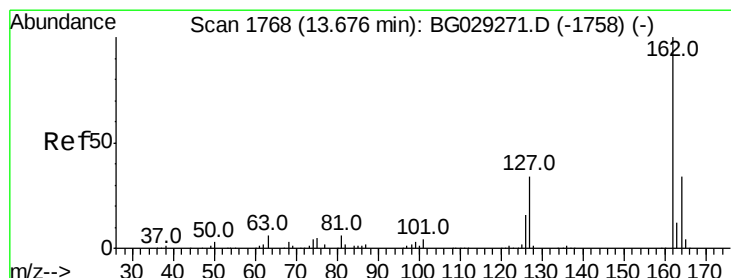
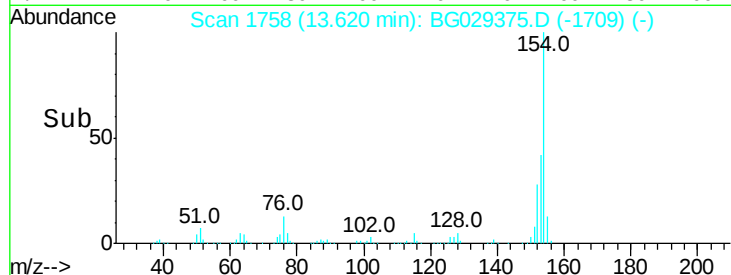
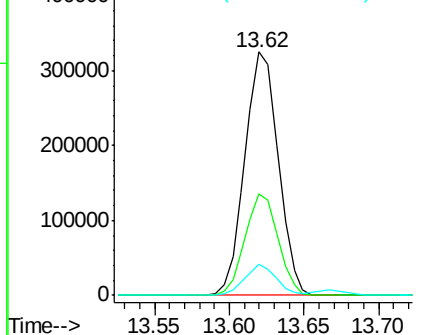
Tot Ion:	154	Resp:	504162
Ion Ratio	Lower	Upper	
154	100		
153	41.8	19.8	59.8
76	13.0	0.0	31.9

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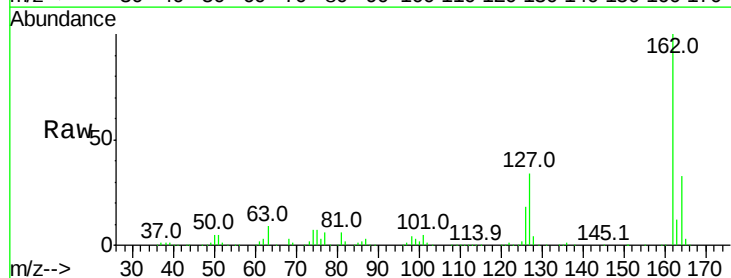


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

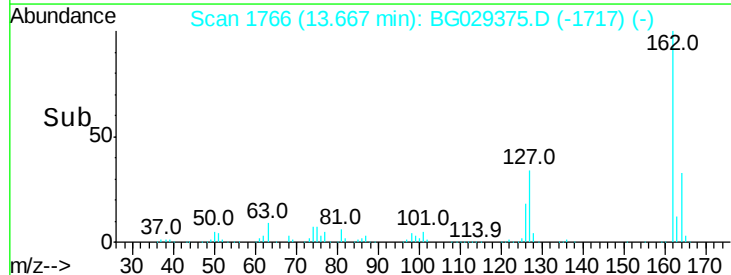
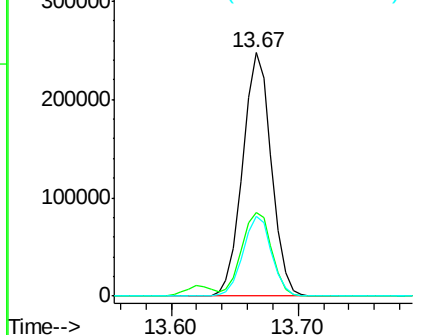


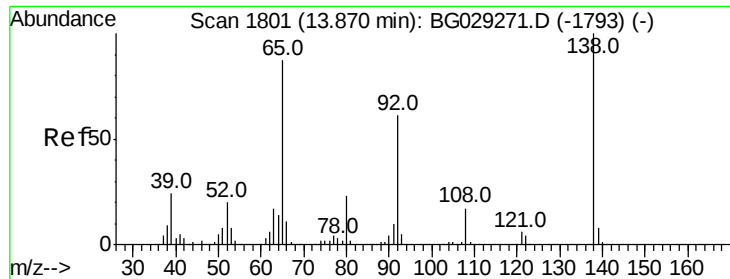
#46
 2-Chloronaphthalene
 Concen: 35.443 ng
 RT: 13.67 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:	162	Resp:	387194
Ion Ratio	Lower	Upper	
162	100		
127	34.5	30.7	46.1
164	32.7	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





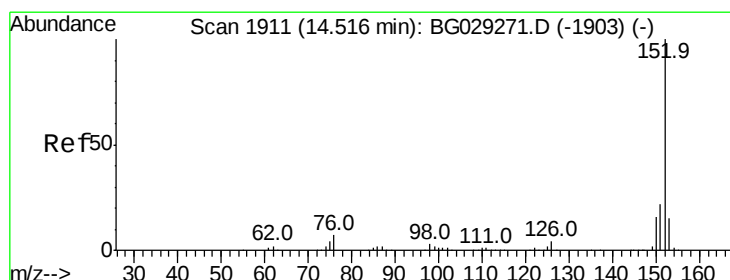
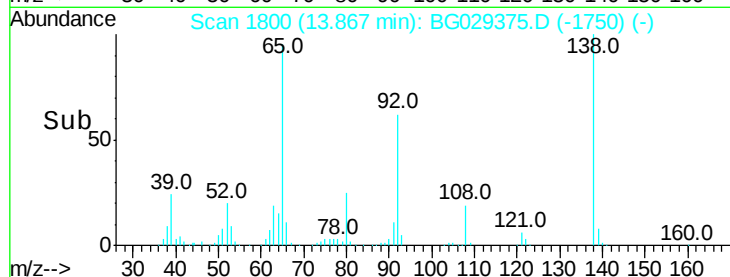
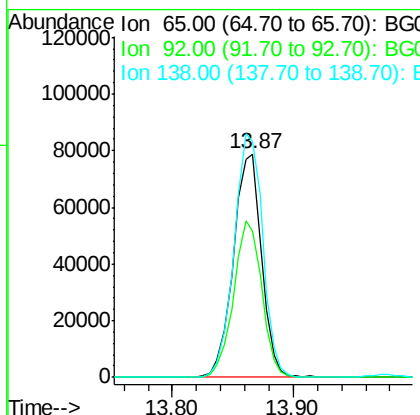
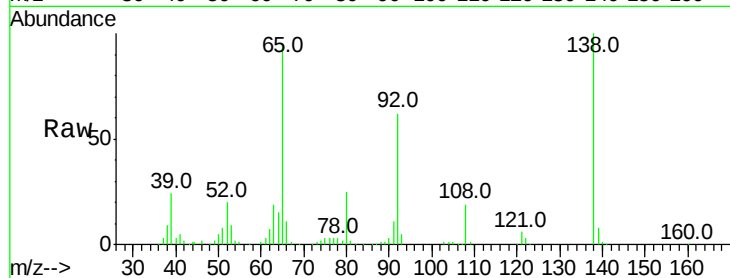
#47
2-Nitroaniline
Concen: 42.896 ng
RT: 13.87 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.6	82.0
138	105.6	72.9	109.3

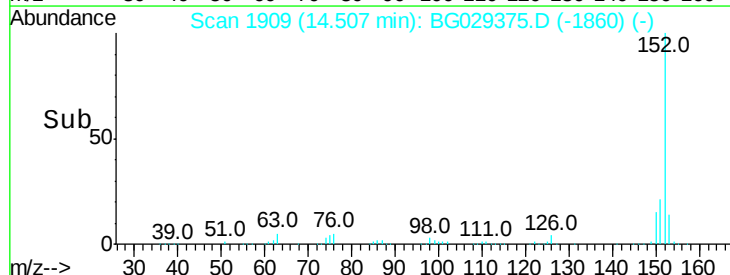
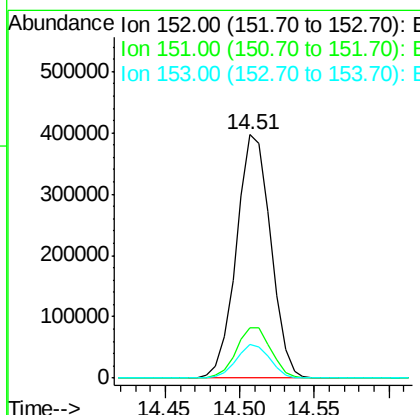
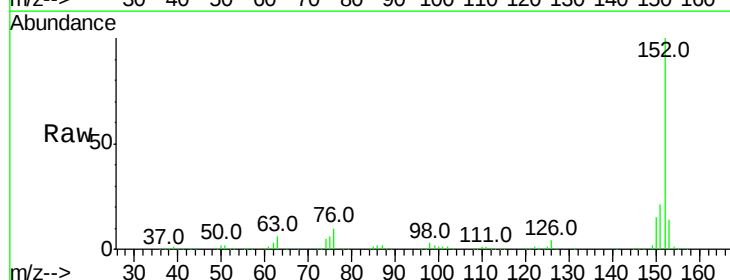
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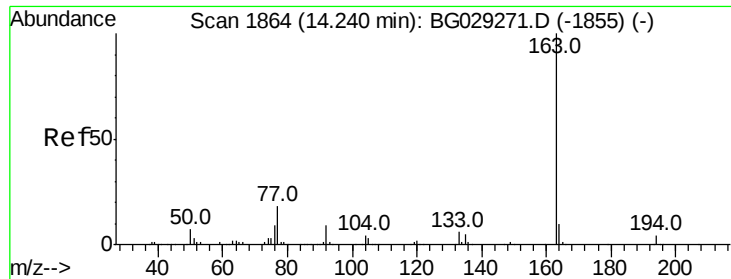
Sohil
10/23/2017 3:40:45 PM



#48
Acenaphthylene
Concen: 37.040 ng
RT: 14.51 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.6	10.2	15.4





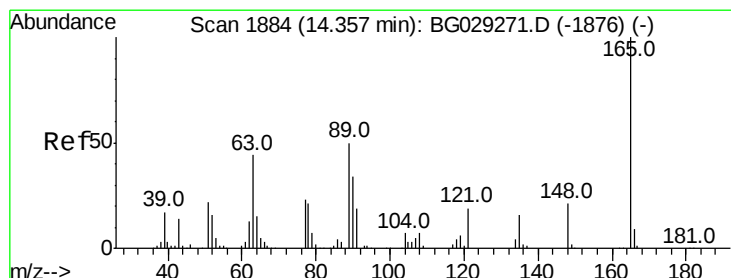
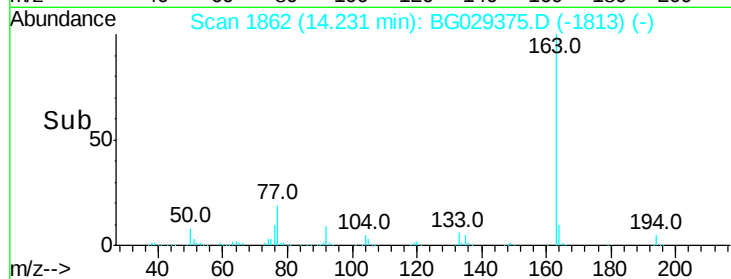
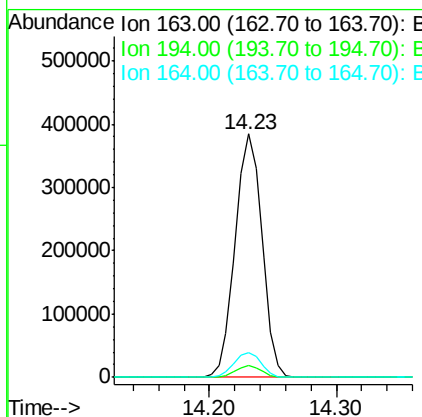
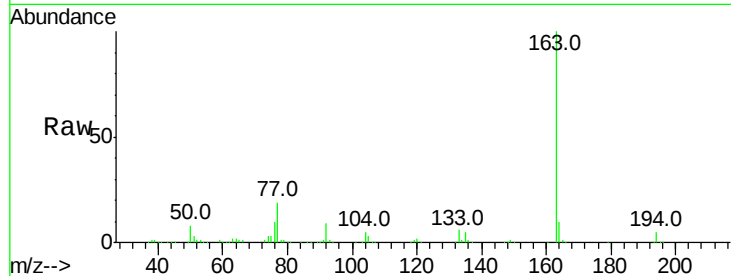
#49
Dimethylphthalate
Concen: 41.344 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	562078		
194	4.9		3.4	5.2
164	10.3		8.2	12.4

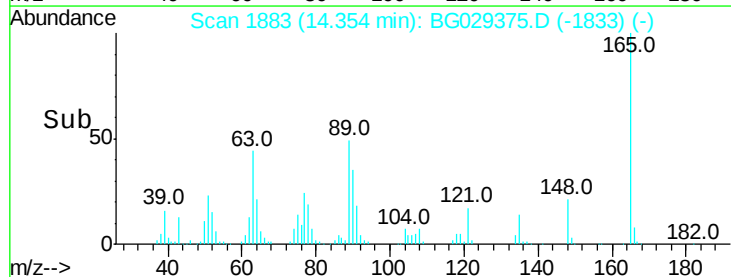
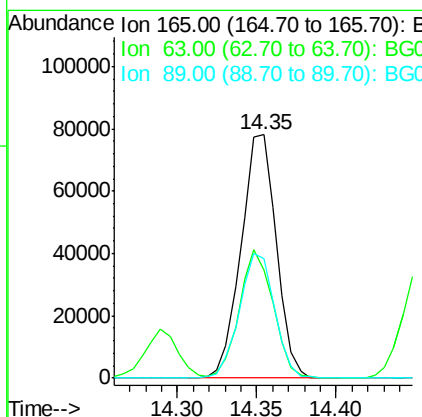
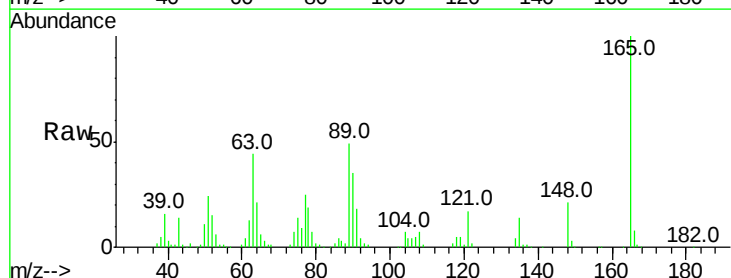
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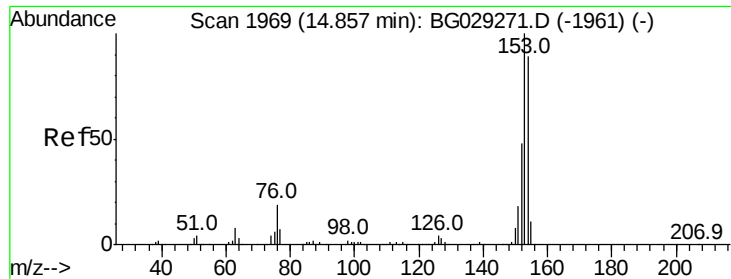
Sohil
10/23/2017 3:40:45 PM



#50
2,6-Dinitrotoluene
Concen: 42.271 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120470		
63	44.4		52.7	79.1#
89	48.9		49.2	73.8#





#51

Acenaphthene

Concen: 35.677 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

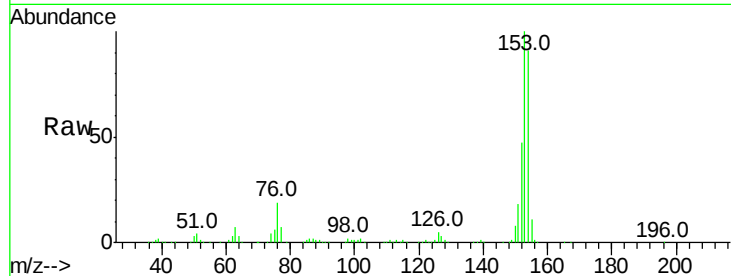
ClientSampleId :

ENV-115-7(0-5)MSD

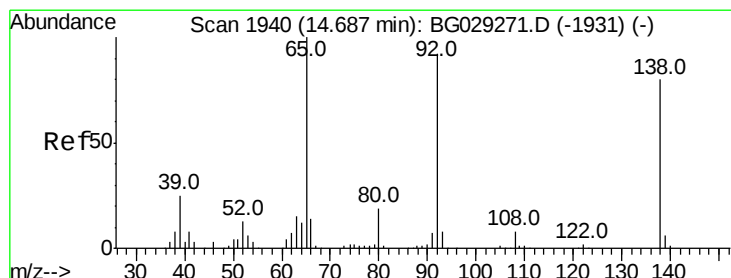
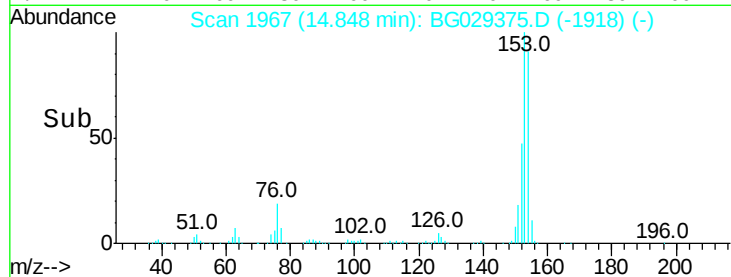
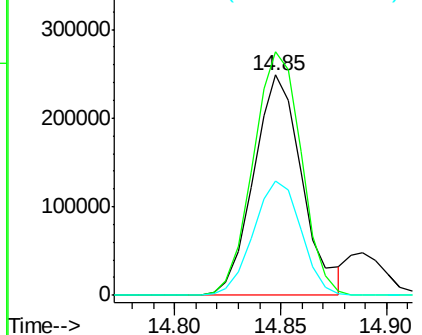
Tot Ion:	154	Resp:	396872
Ion Ratio	Lower	Upper	
154	100		
153	110.4	90.4	135.6
152	51.8	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.261 ng

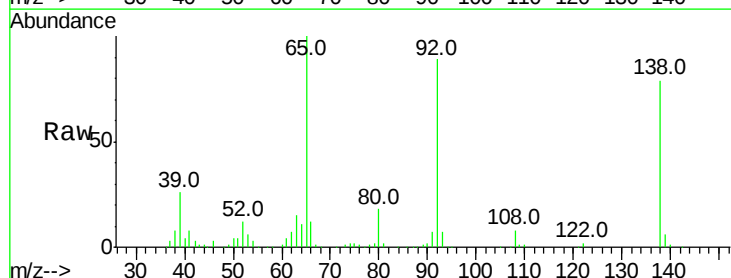
RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

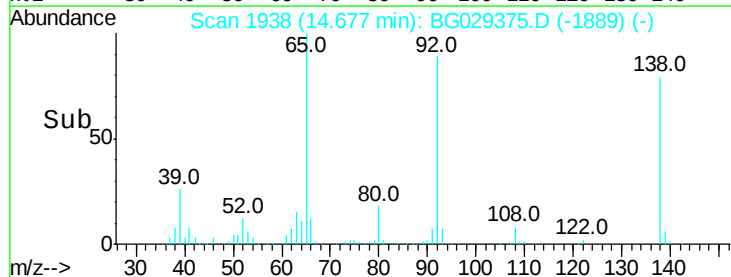
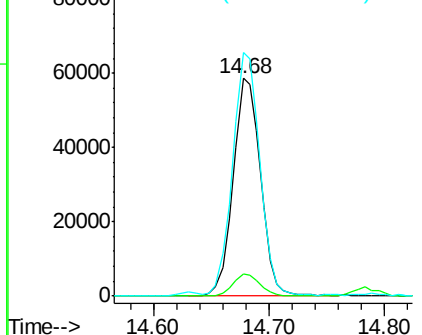
Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	138	Resp:	96137
Ion Ratio	Lower	Upper	
138	100		
108	10.0	17.5	26.3#
92	111.9	105.8	158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





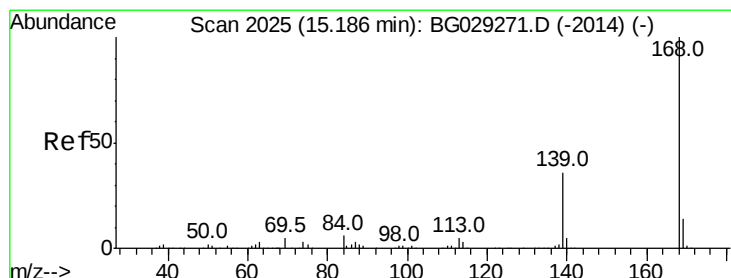
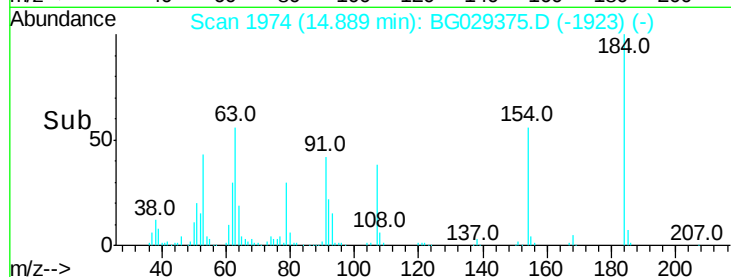
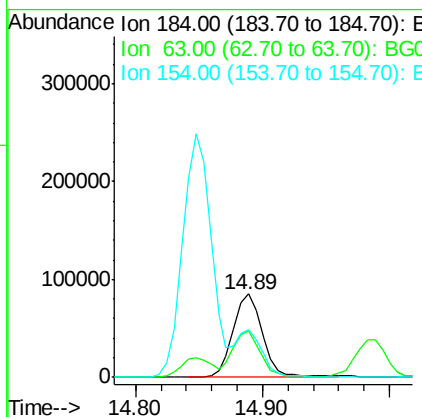
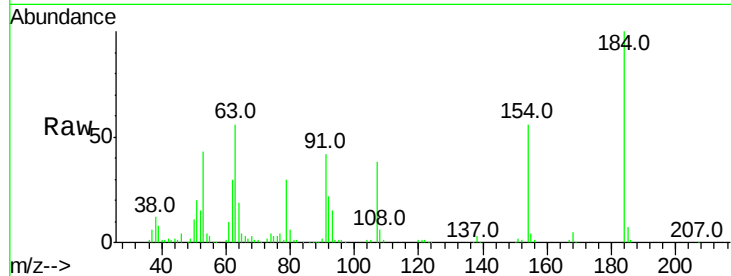
#53
 2,4-Dinitrophenol
 Concen: 87.207 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.5	59.8	89.8#
154	56.4	101.8	152.8#

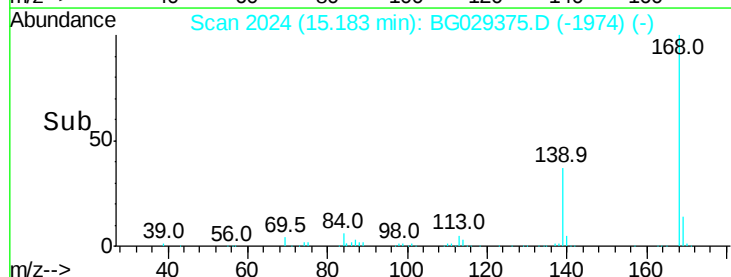
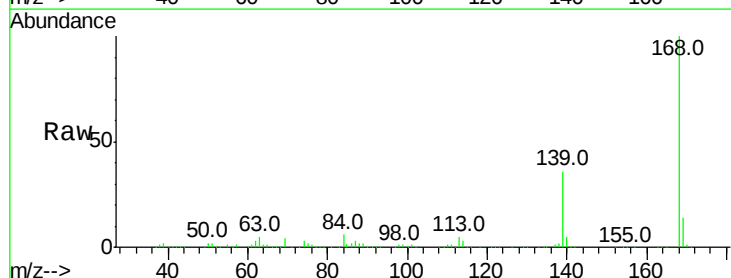
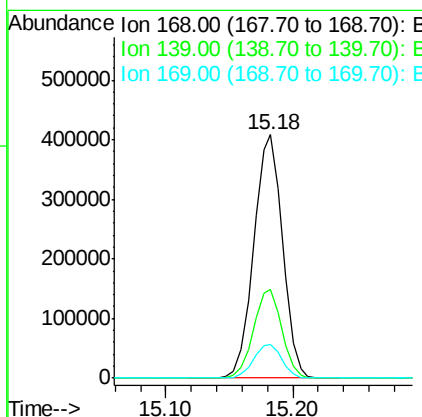
Manual Integrations
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 10/23/2017 3:40:45 PM



#54
 Dibenzofuran
 Concen: 40.374 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.6	43.0
169	14.0	11.2	16.8





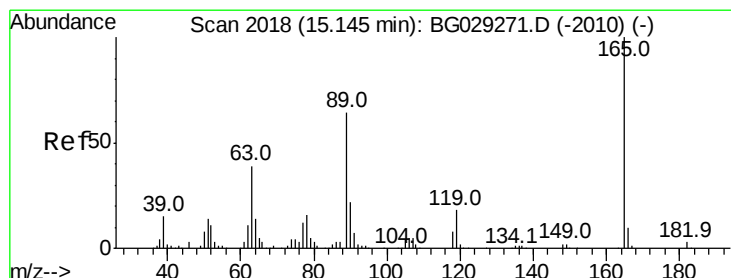
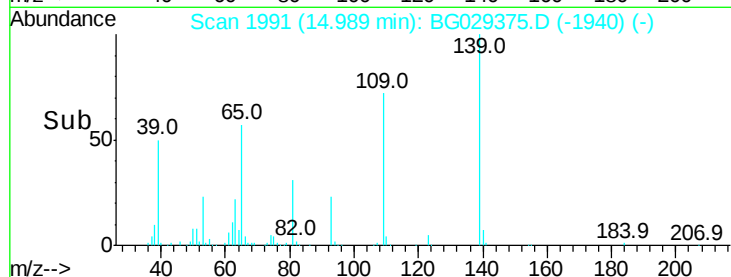
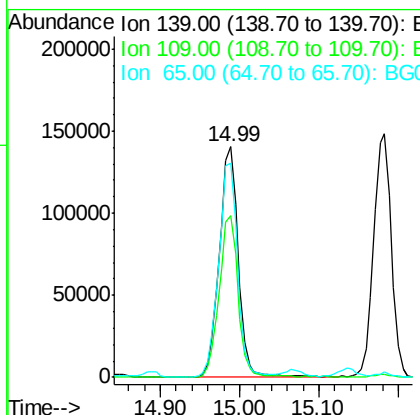
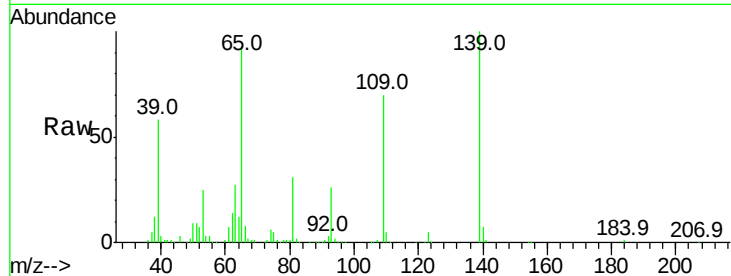
#55
4-Nitrophenol
Concen: 92.616 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4	62.2	102.2	
65	92.9	97.2	137.2#	

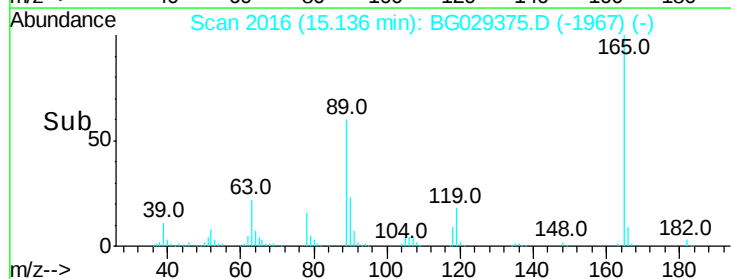
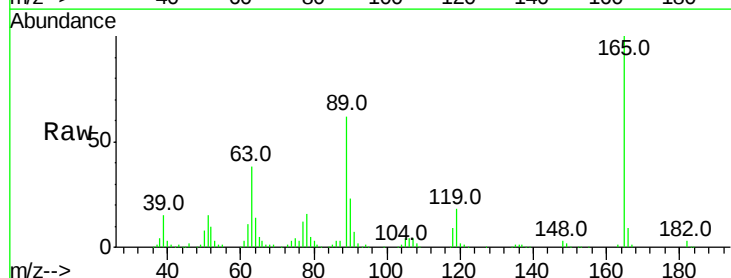
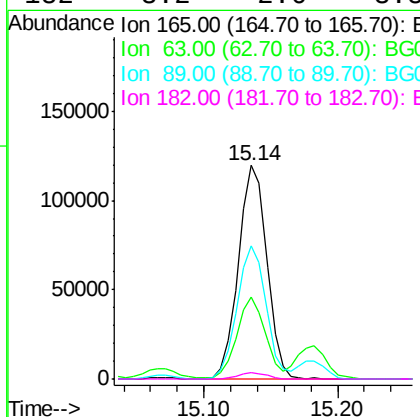
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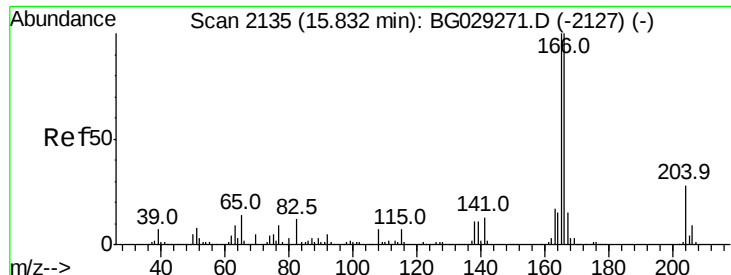
Sohil
10/23/2017 3:40:45 PM



#56
2,4-Dinitrotoluene
Concen: 45.801 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	42.0	63.0#	
89	62.1	66.9	100.3#	
182	3.2	2.6	3.8	





#57

Fluorene

Concen: 39.231 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:166 Resp: 514652

Ion Ratio Lower Upper

166 100

165 97.6 80.6 121.0

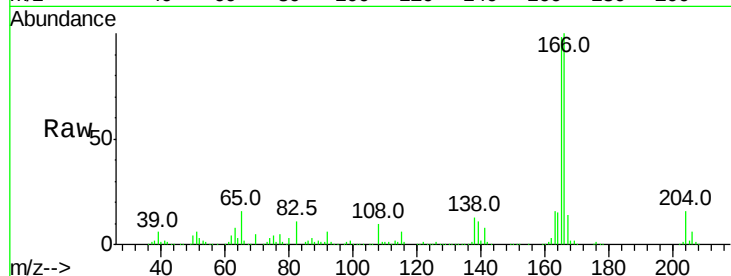
167 13.8 10.4 15.6

Manual Integrations

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Sohil

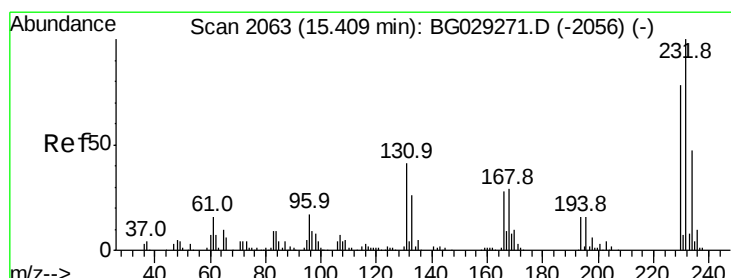
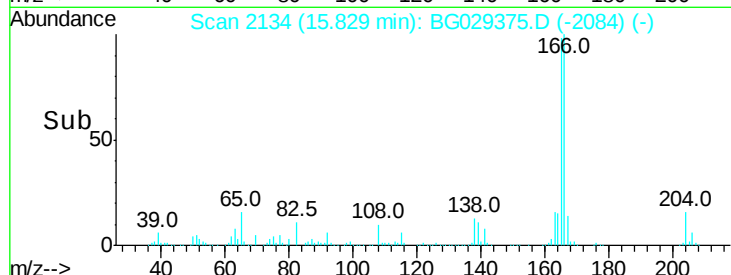
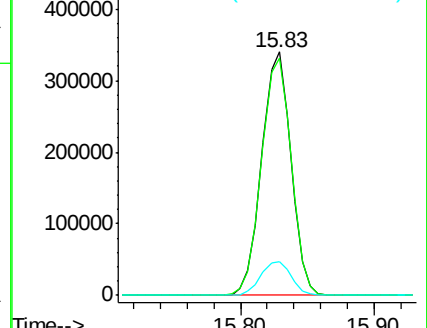
10/23/2017 3:40:45 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.392 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:232 Resp: 169005

Ion Ratio Lower Upper

232 100

131 38.2 33.5 50.3

130 2.3 2.2 3.2

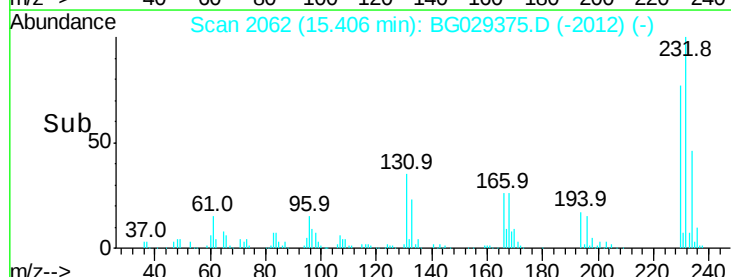
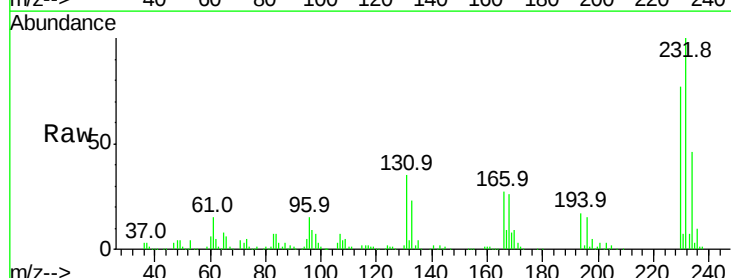
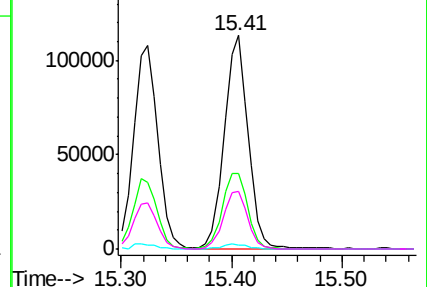
166 27.9 24.8 37.2

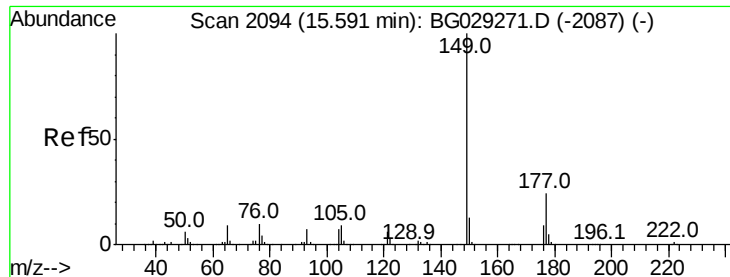
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





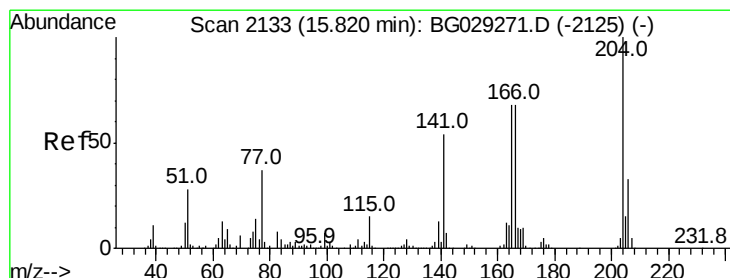
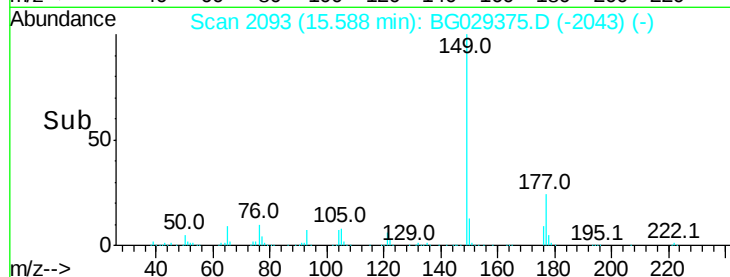
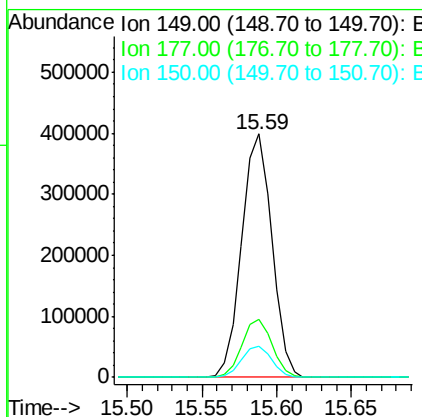
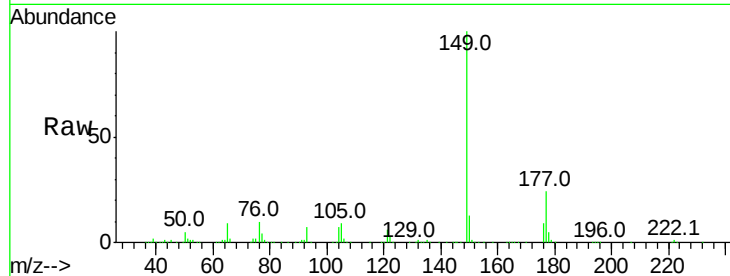
#59
Diethylphthalate
Concen: 41.215 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.0	10.2	15.2

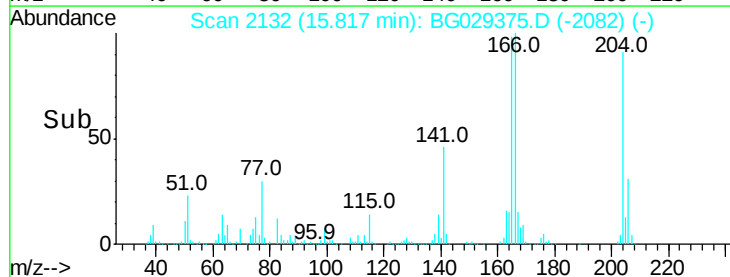
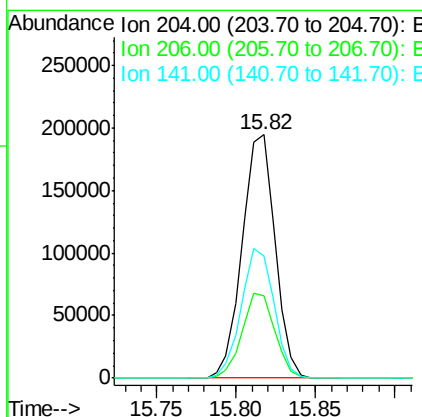
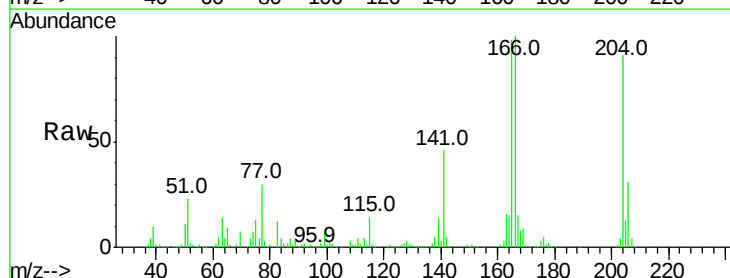
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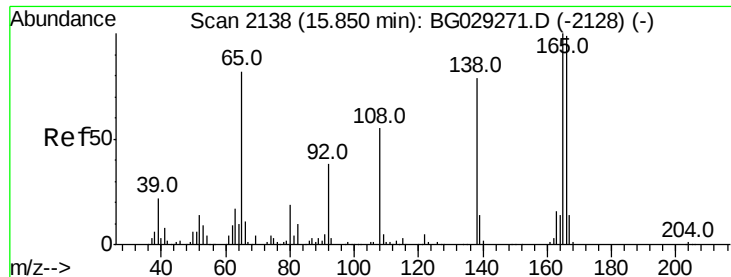
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#60
4-Chlorophenyl-phenylether
Concen: 40.084 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	50.1	45.8	68.6





#61

4-Nitroaniline

Concen: 44.885 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

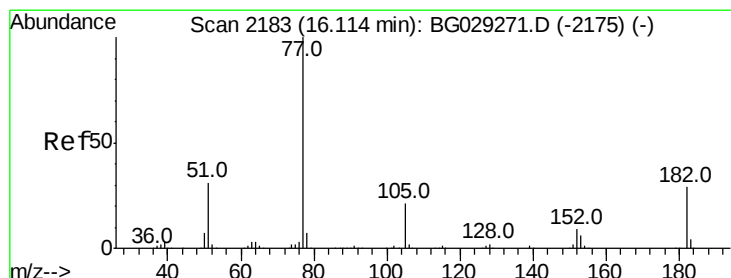
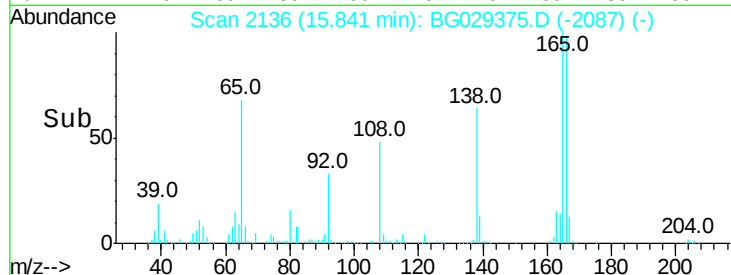
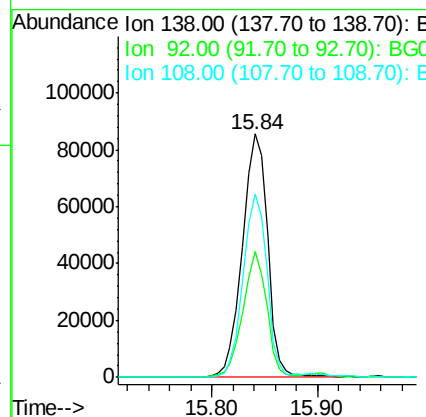
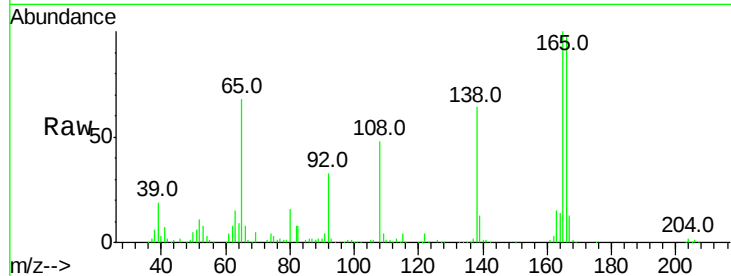
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	138	Resp:	141737
Ion Ratio	Lower	Upper	
138	100		
92	51.5	40.1	80.1
108	75.5	65.4	105.4

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#62

Azobenzene

Concen: 42.694 ng

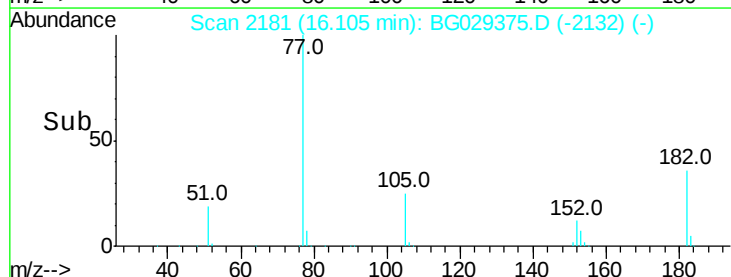
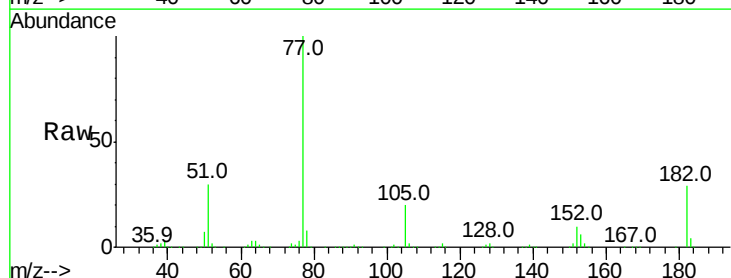
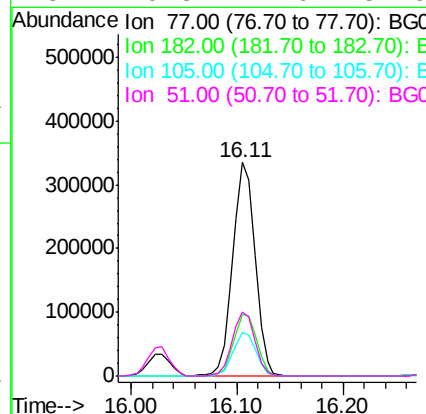
RT: 16.11 min Scan# 2181

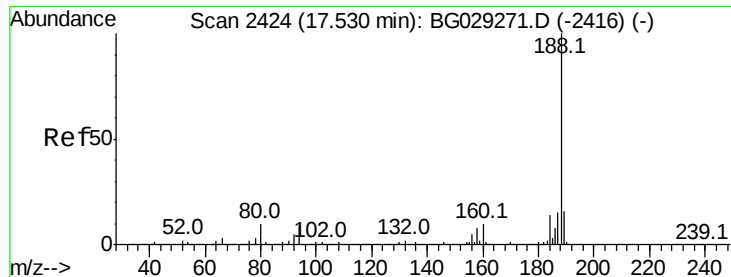
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	77	Resp:	487785
Ion Ratio	Lower	Upper	
77	100		
182	28.9	7.4	47.4
105	20.2	0.3	40.3
51	29.8	11.6	51.6





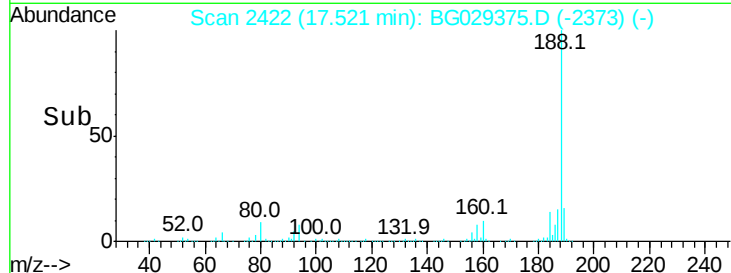
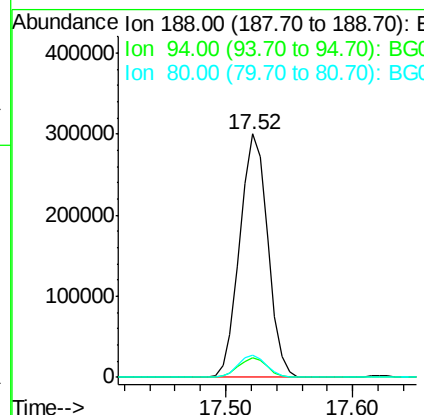
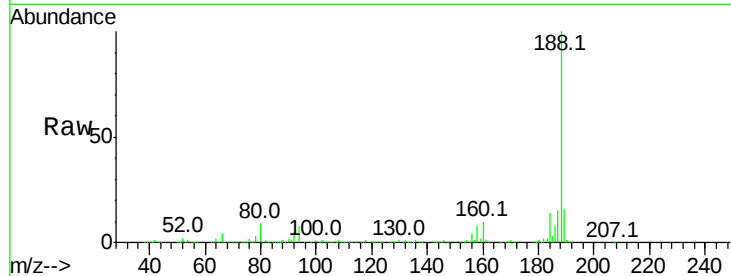
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	7.7	11.5

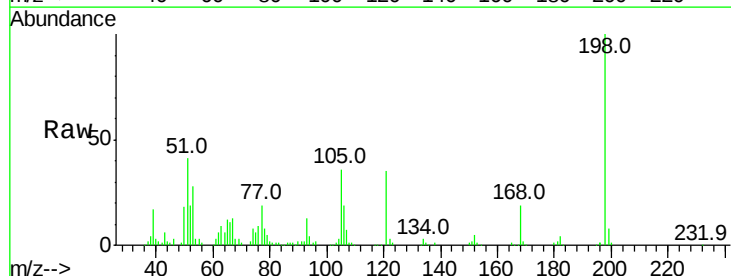
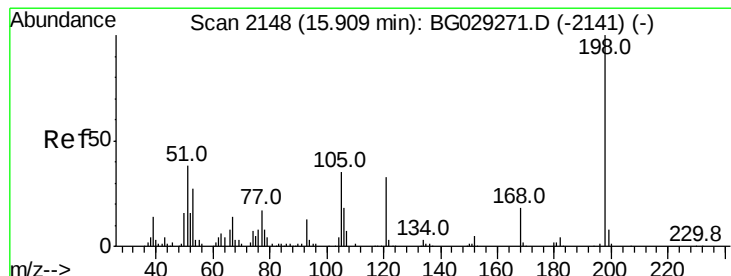
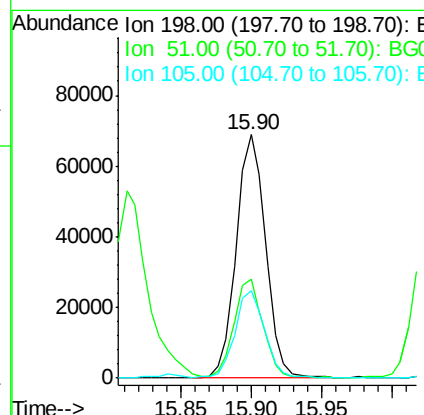
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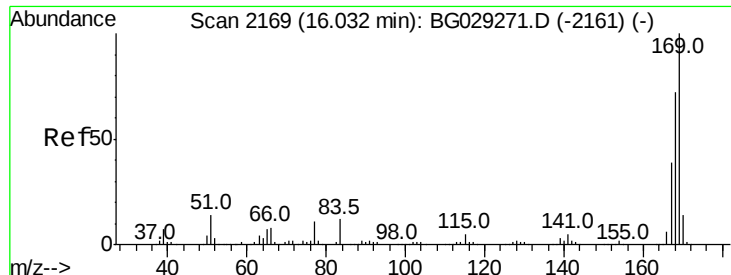
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.503 ng
 RT: 15.90 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.7	30.6	70.6
105	36.2	23.8	63.8





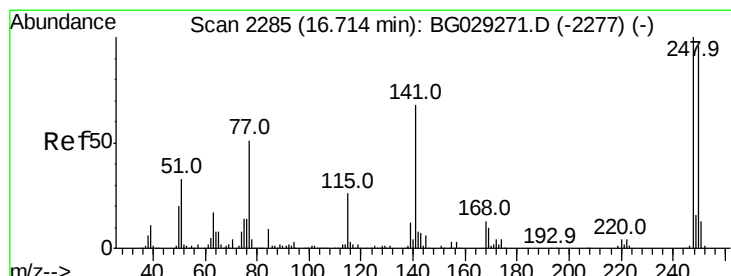
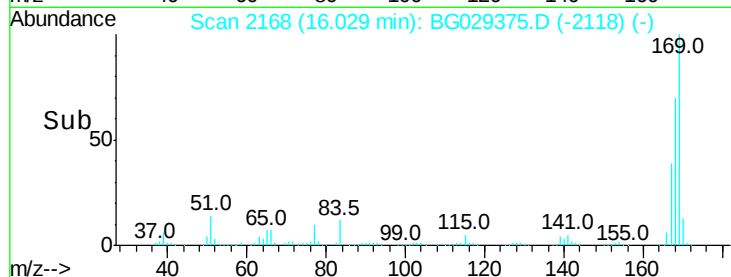
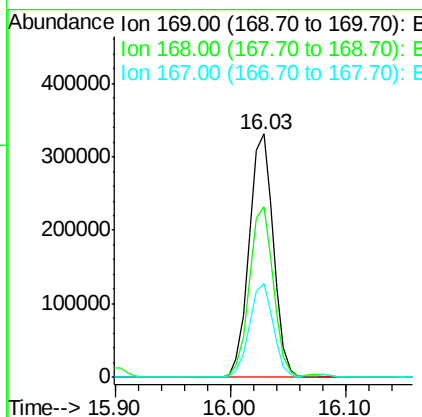
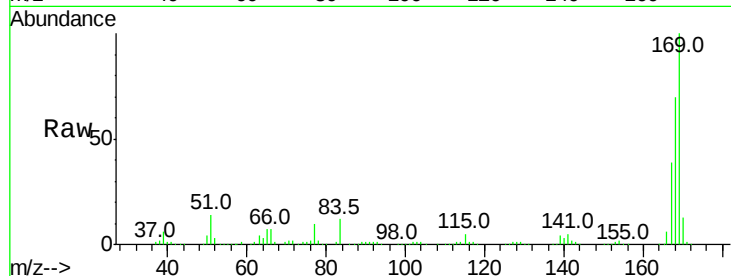
#65
 n-Nitrosodiphenylamine
 Concen: 35.370 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	38.7	30.1	45.1

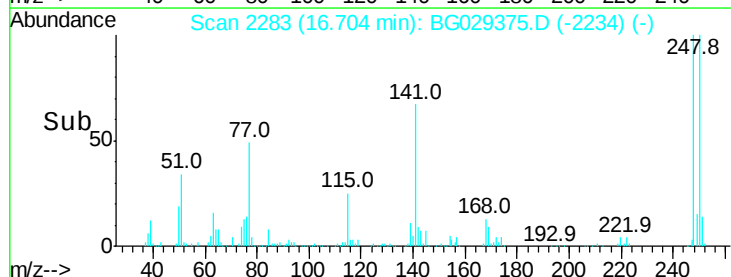
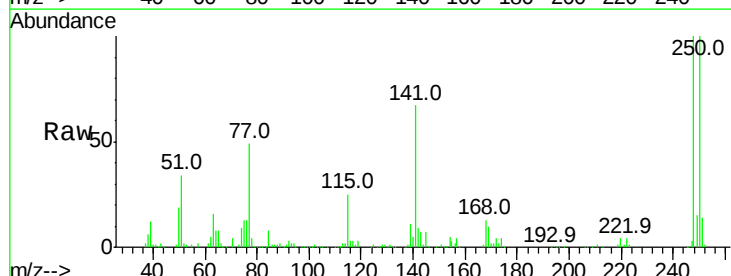
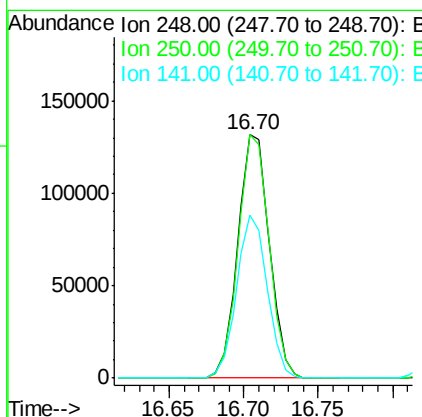
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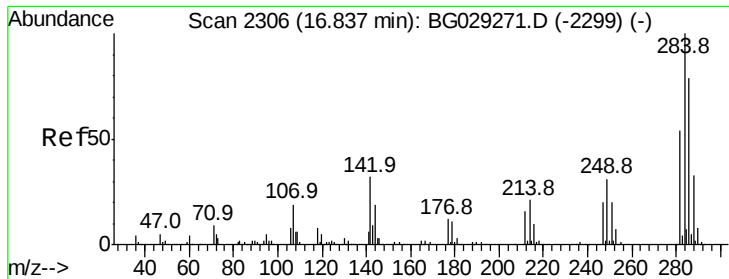
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#66
 4-Bromophenyl-phenylether
 Concen: 36.719 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.1	115.7
141	67.2	50.8	76.2





#67

Hexachlorobenzene

Concen: 34.210 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

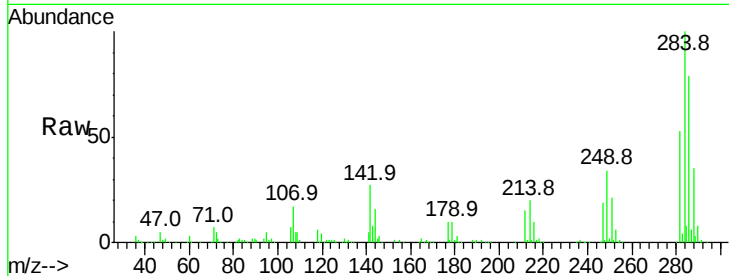
ClientSampleId :

ENV-115-7(0-5)MSD

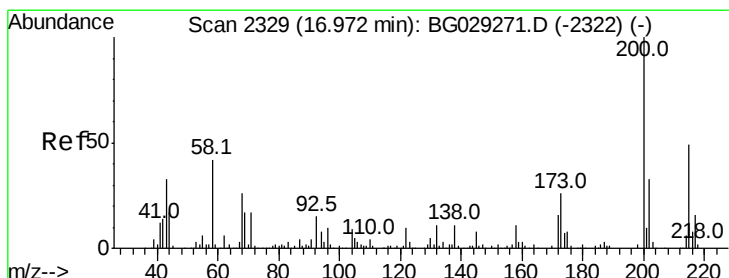
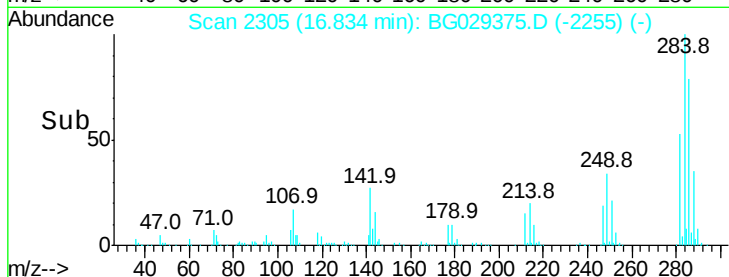
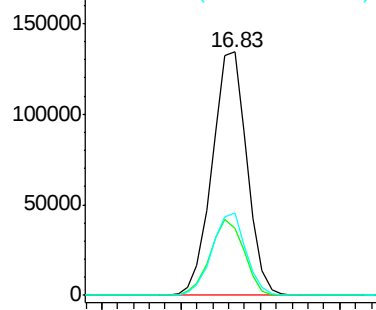
Tot Ion:	284	Resp:	203177
Ion Ratio	Lower	Upper	
284	100		
142	27.4	26.8	40.2
249	33.6	26.3	39.5

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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: 41.599 ng

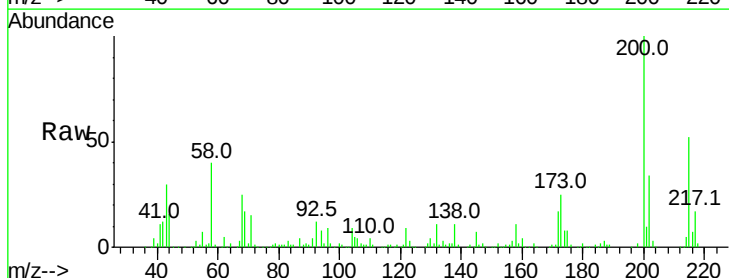
RT: 16.97 min Scan# 2328

Delta R.T. -0.00 min

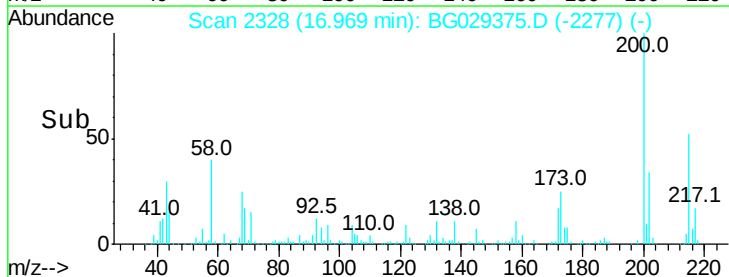
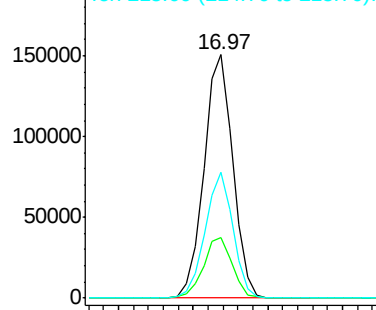
Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	200	Resp:	203173
Ion Ratio	Lower	Upper	
200	100		
173	24.7	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





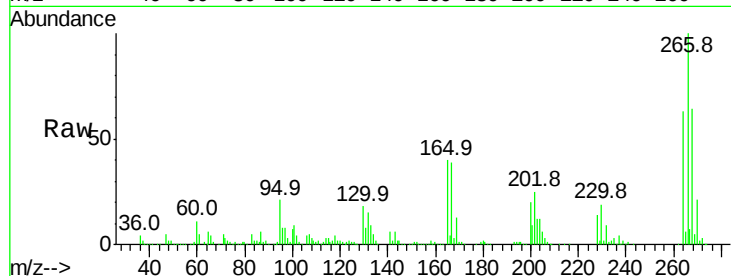
#69
 Pentachlorophenol
 Concen: 81.817 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

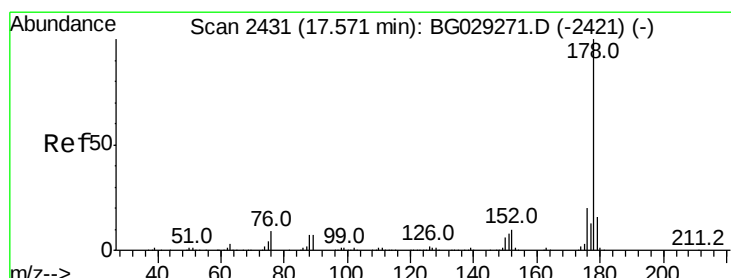
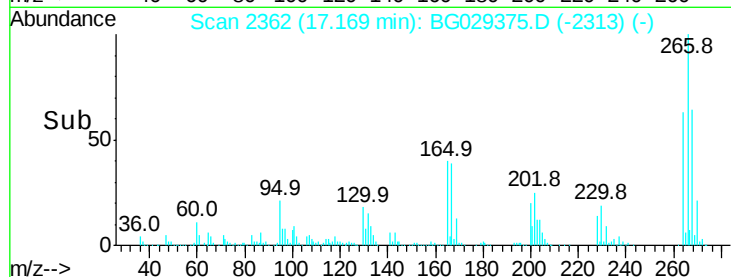
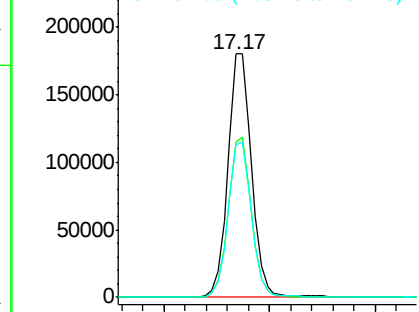
Tot Ion	Ratio	Resp	Lower	Upper
266	100	279142		
268	64.0	51.1	76.7	
264	62.7	49.6	74.4	

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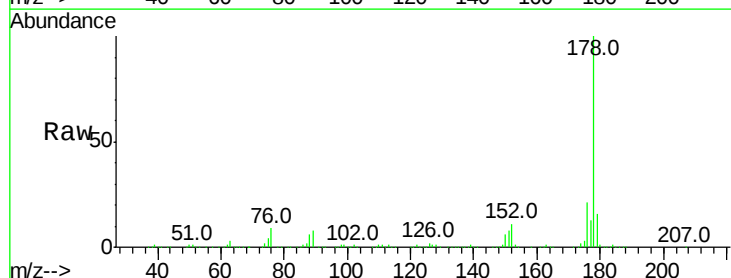


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

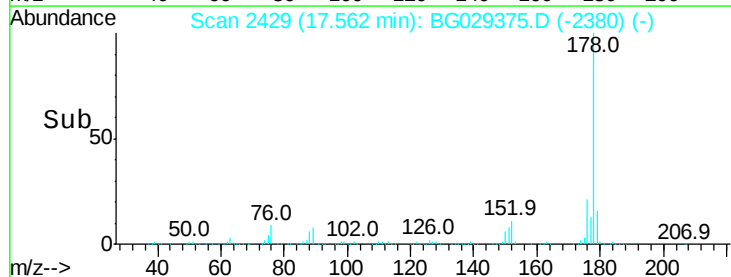
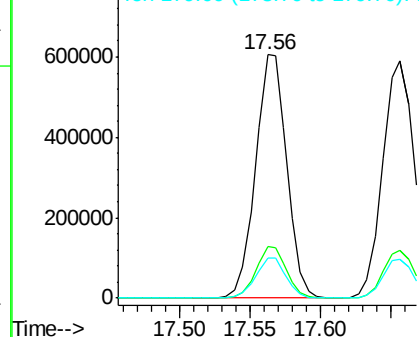


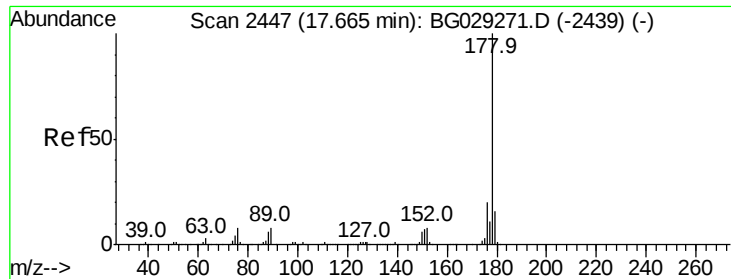
#70
 Phenanthrene
 Concen: 39.739 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	938059		
176	21.3	15.7	23.5	
179	16.4	12.5	18.7	



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





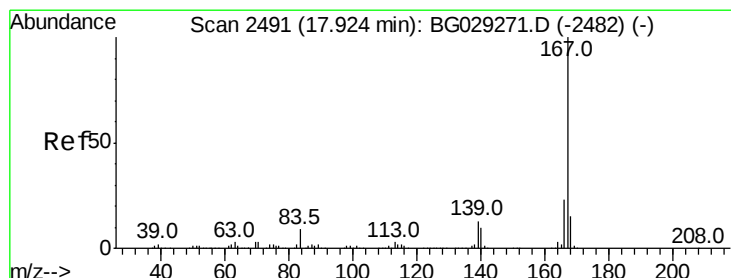
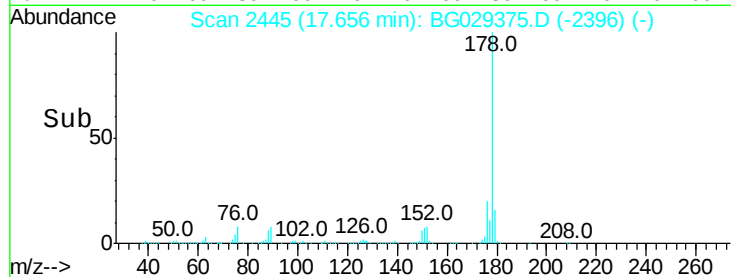
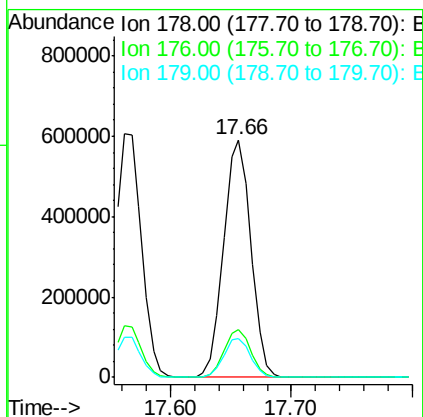
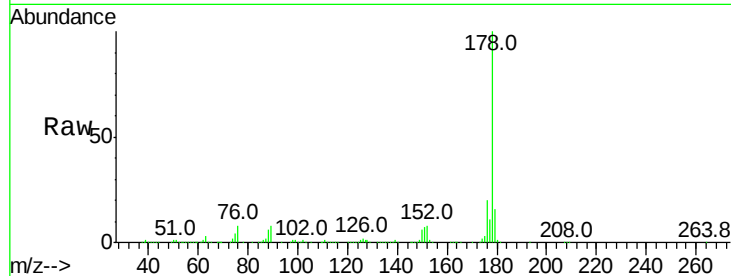
#71
 Anthracene
 Concen: 38.916 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.3	12.5	18.7

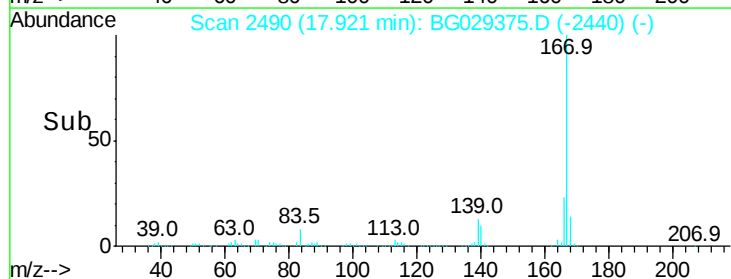
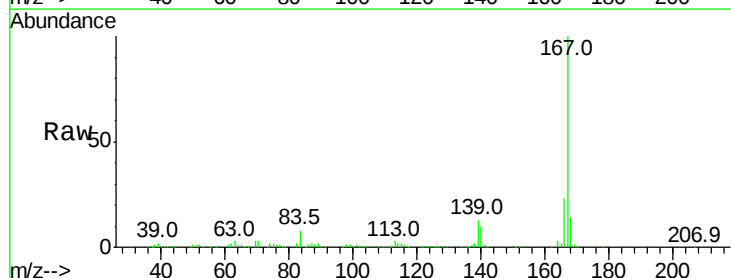
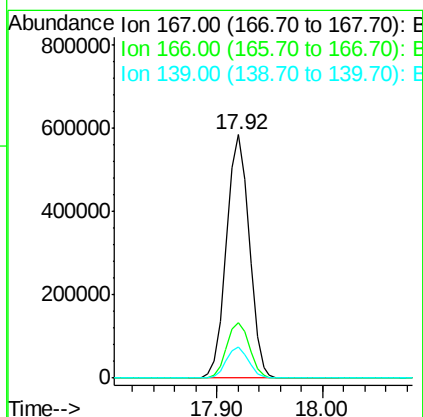
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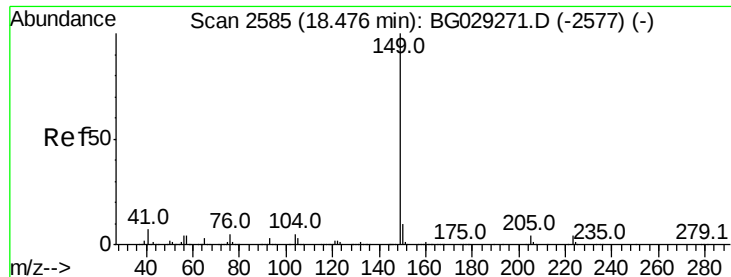
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#72
 Carbazole
 Concen: 38.334 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.7	9.4	14.2





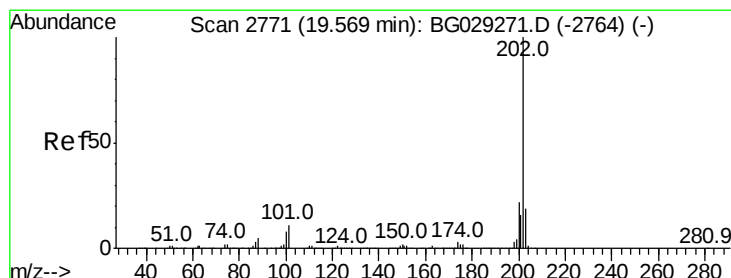
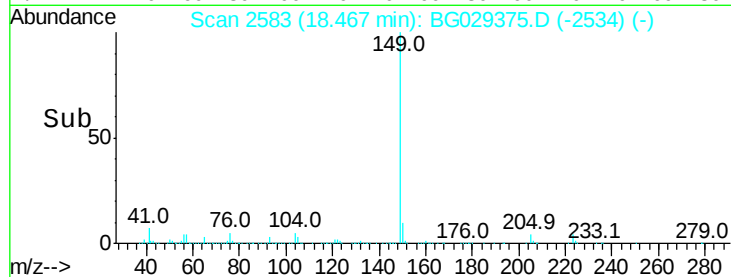
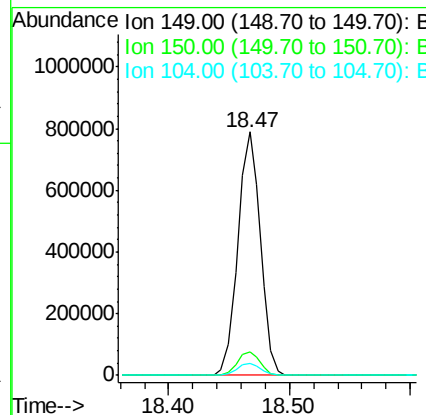
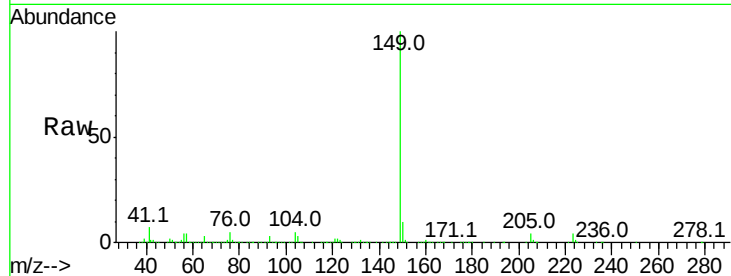
#73
Di-n-butylphthalate
Concen: 39.104 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.0	3.9	5.9

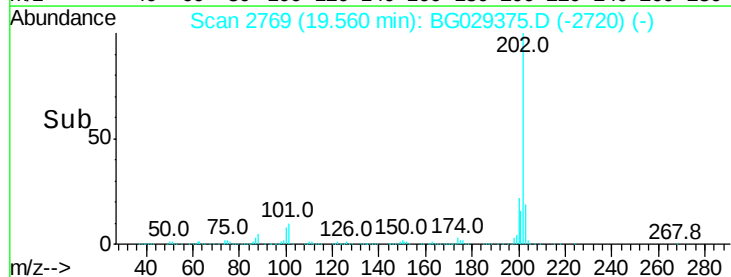
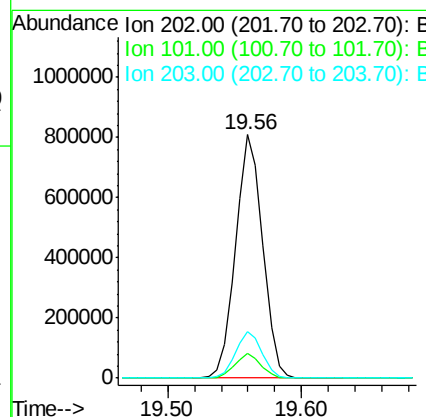
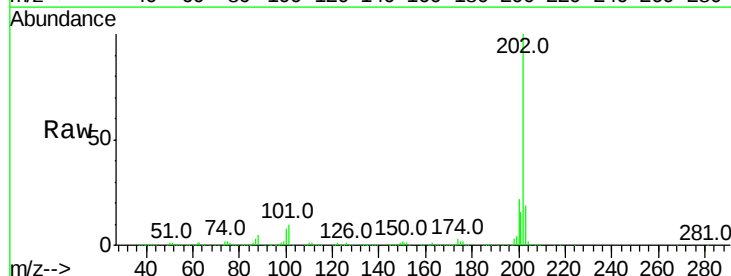
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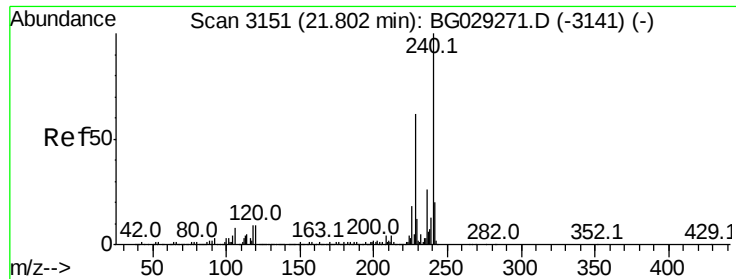
Sohil
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#74
Fluoranthene
Concen: 41.435 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

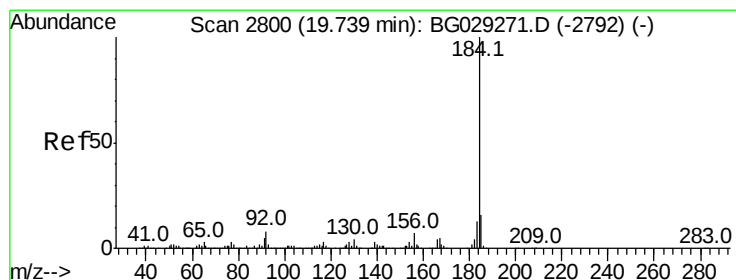
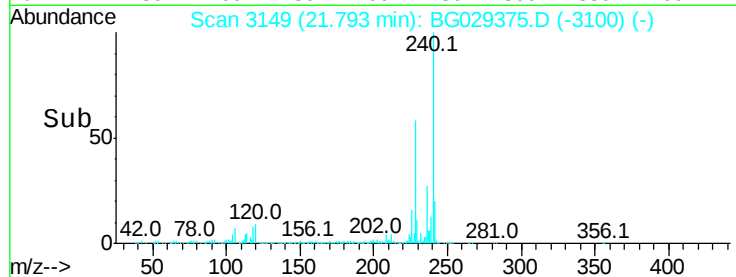
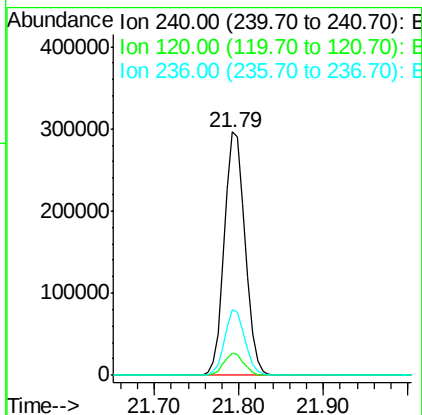
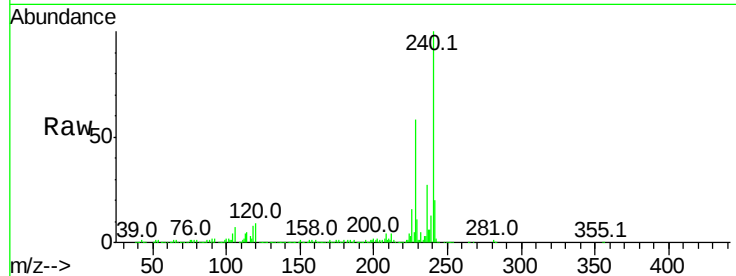
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	240	Resp:	498681
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.8	10.2
236	26.8	20.9	31.3

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#76

Benzidine

Concen: 33.606 ng

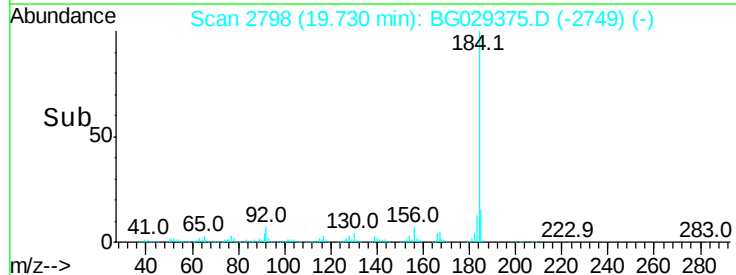
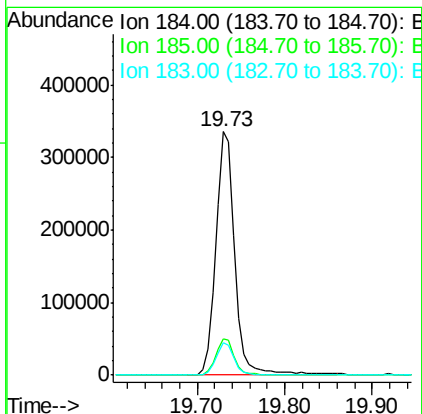
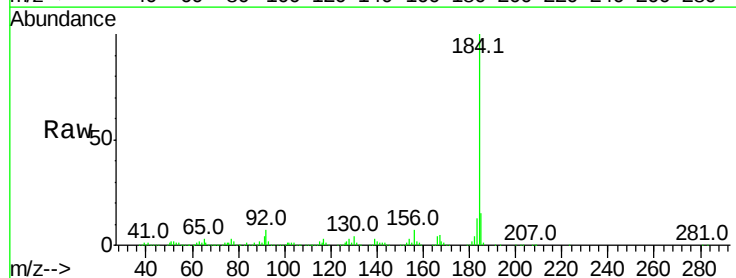
RT: 19.73 min Scan# 2798

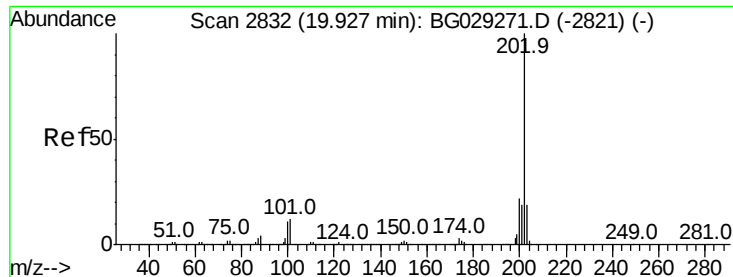
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	184	Resp:	506010
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	13.3	10.6	16.0





#77

Pvrene

Concen: 38.302 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

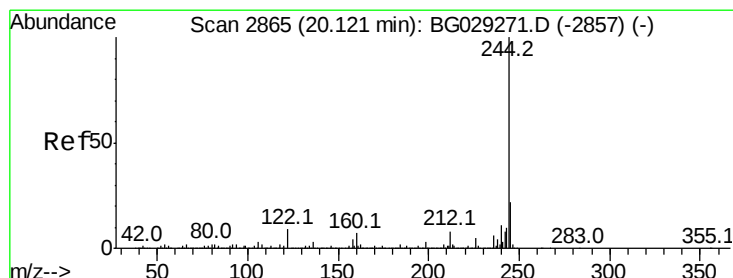
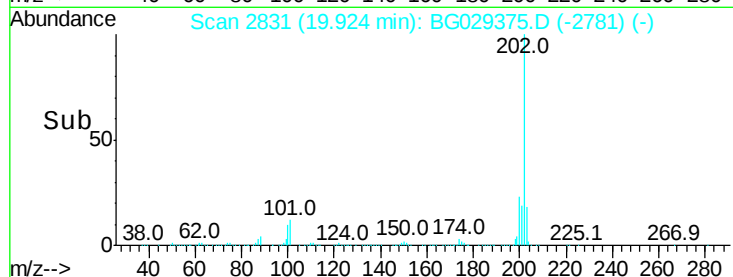
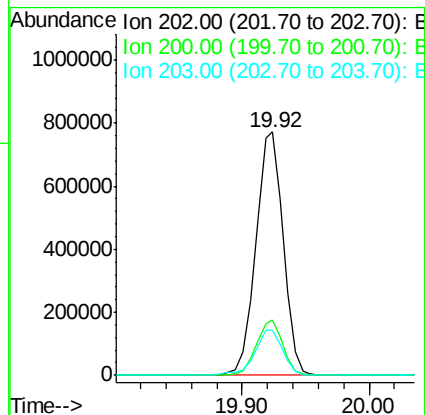
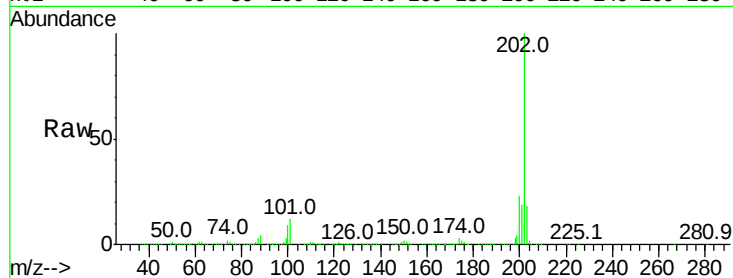
ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:	202	Resp:	1158671
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.9	25.3
203	18.5	13.9	20.9

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#78

Terphenyl-d14

Concen: 71.550 ng

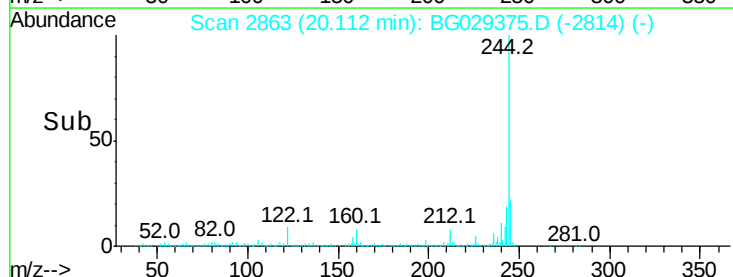
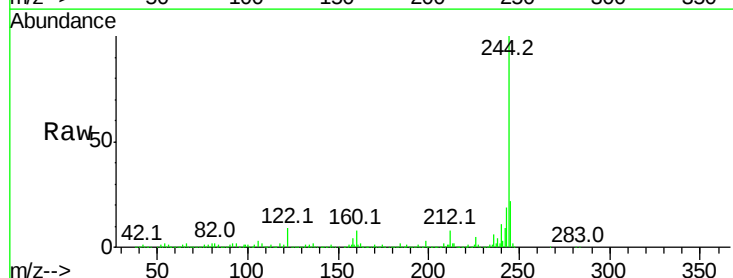
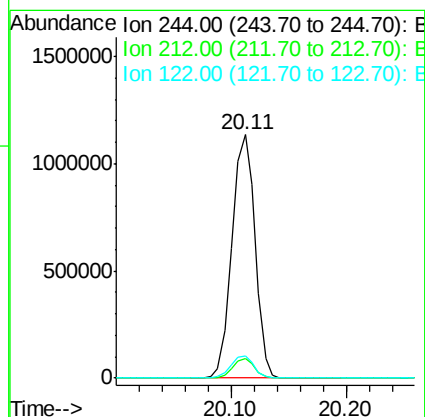
RT: 20.11 min Scan# 2863

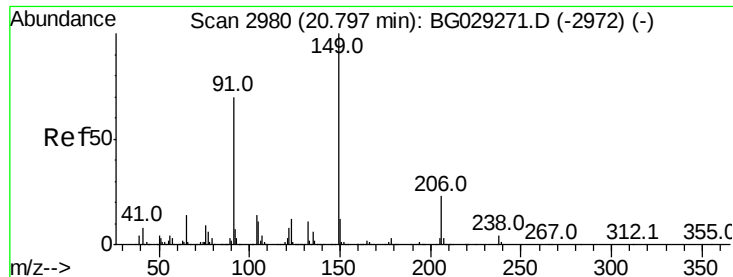
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:	244	Resp:	1568434
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.8	8.8
122	9.2	7.0	10.4





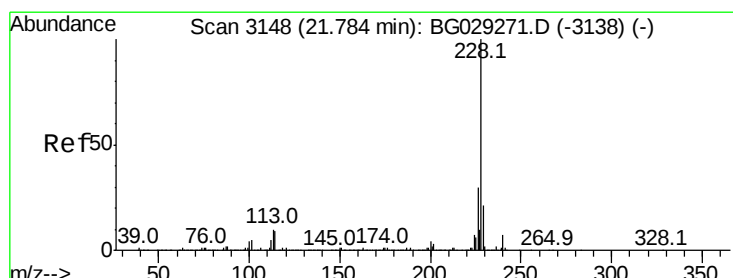
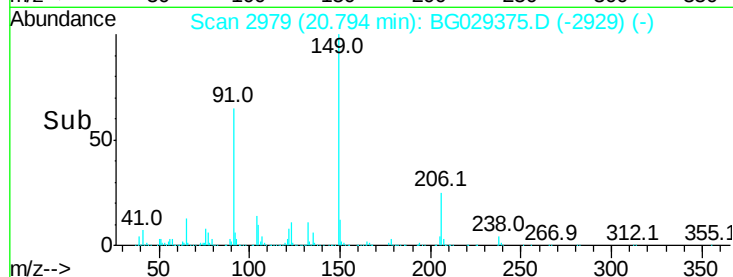
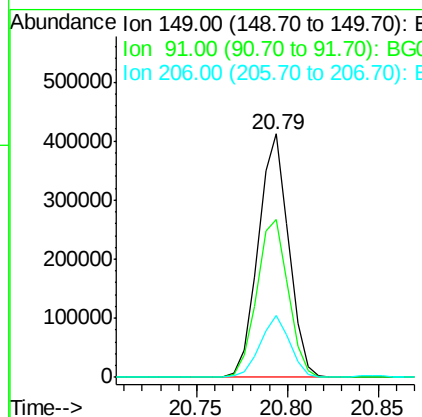
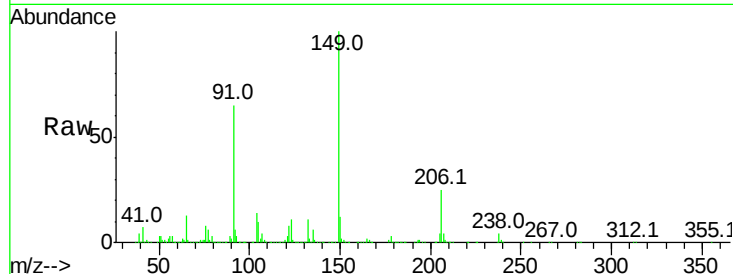
#79
Butylbenzylphthalate
Concen: 37.236 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	62.2	93.2
206	25.2	18.6	27.8

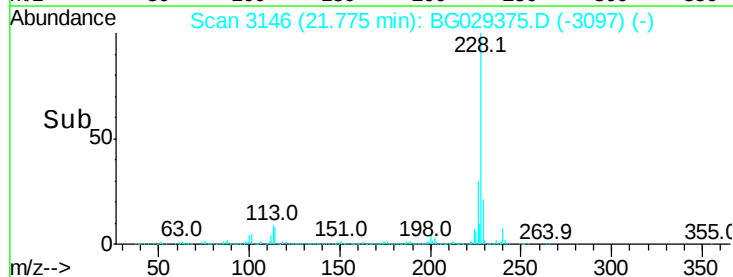
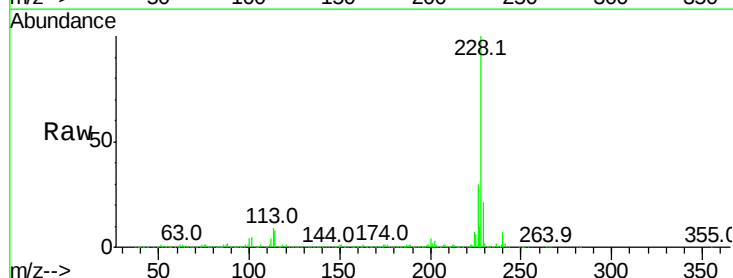
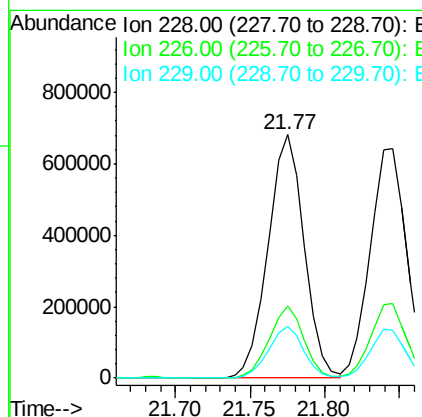
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#80
Benzo(a)anthracene
Concen: 39.117 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.4	16.2	24.2





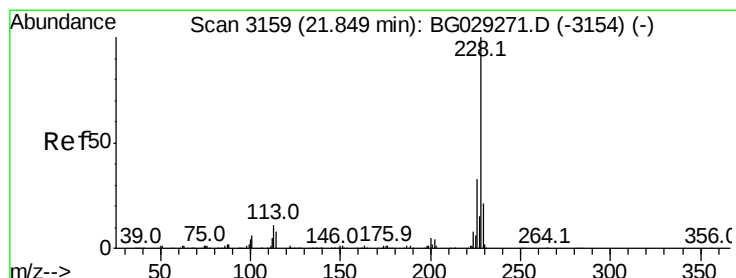
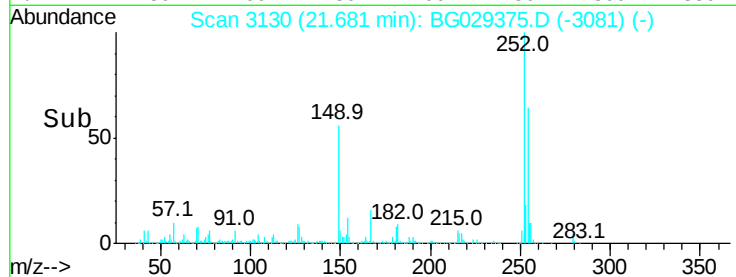
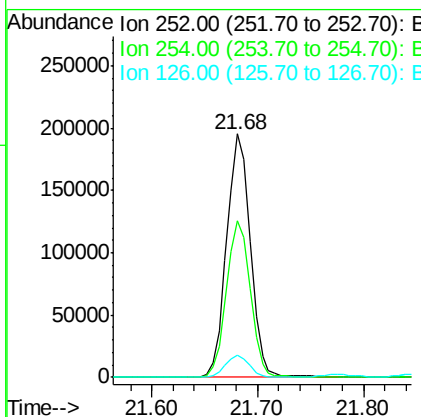
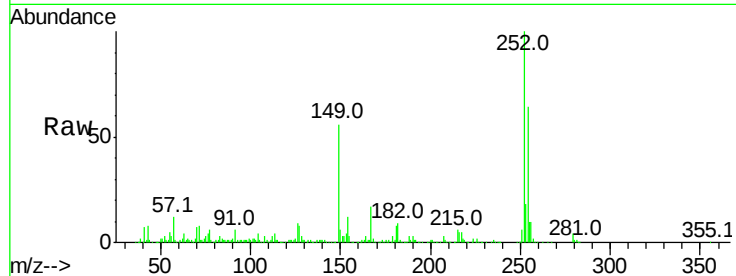
#81
 3,3'-Dichlorobenzidine
 Concen: 25.115 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.8	76.2
126	8.9	7.4	11.2

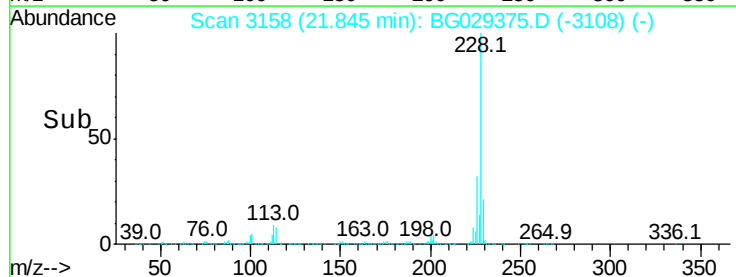
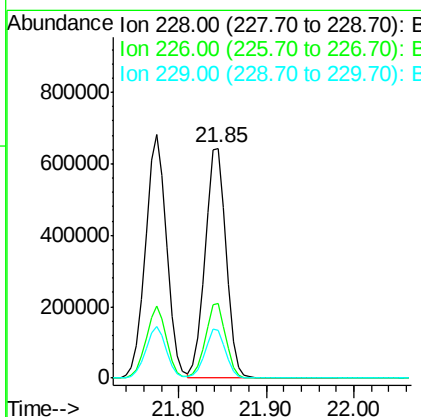
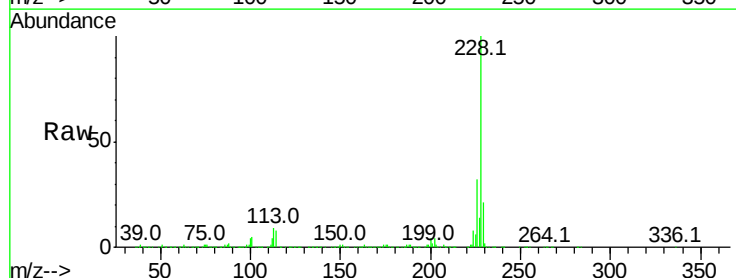
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#82
 Chrysene
 Concen: 38.375 ng
 RT: 21.85 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.7	15.0	22.4





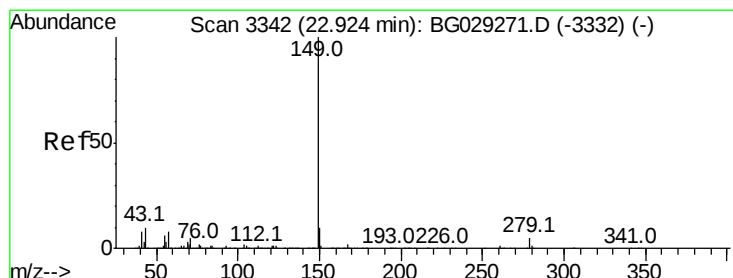
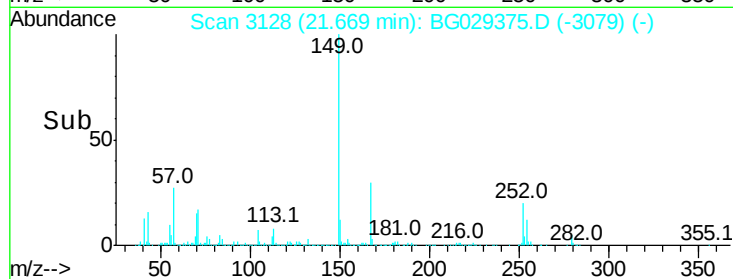
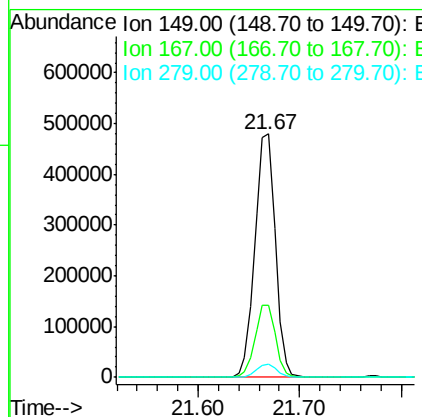
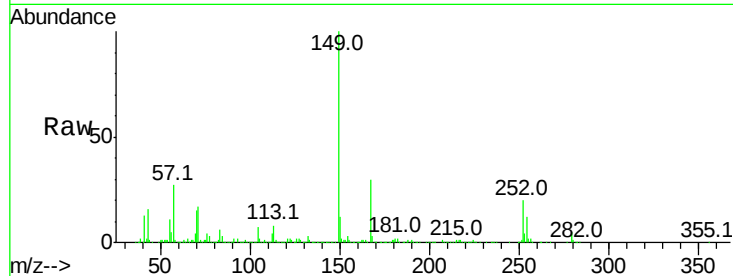
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.418 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	673599		
167	29.9		24.3	36.5
279	5.4		4.0	6.0

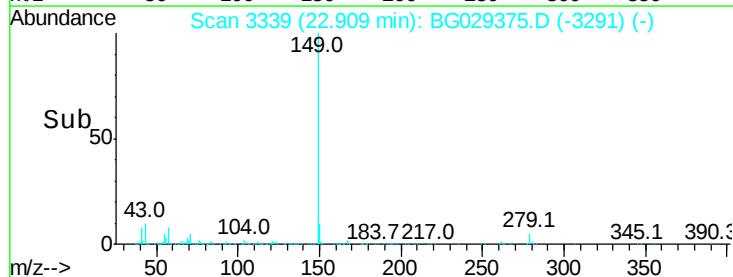
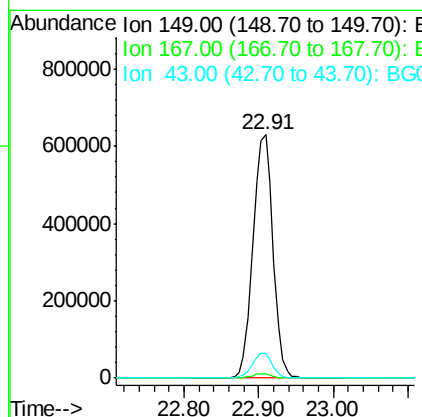
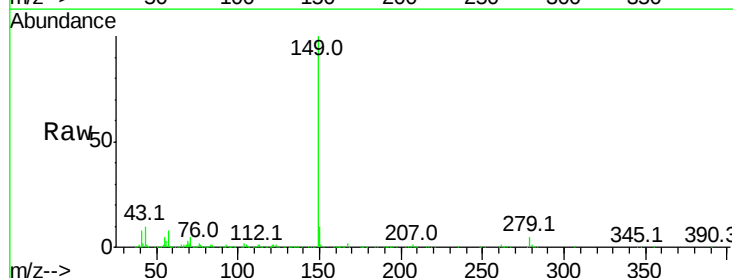
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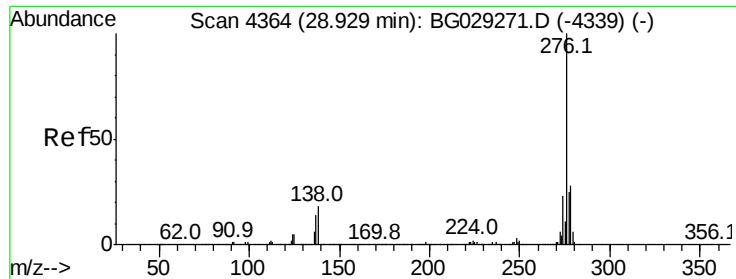
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#84
 Di-n-octyl phthalate
 Concen: 36.351 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1171818		
167	1.7		1.4	2.0
43	10.0		8.9	13.3





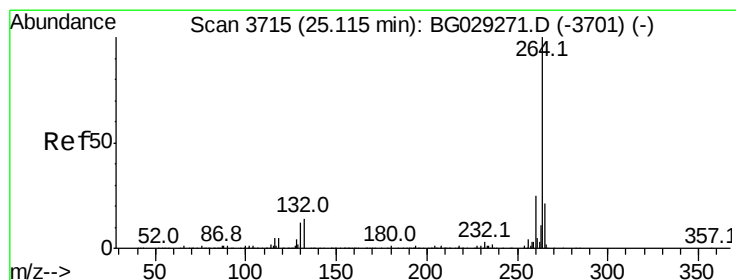
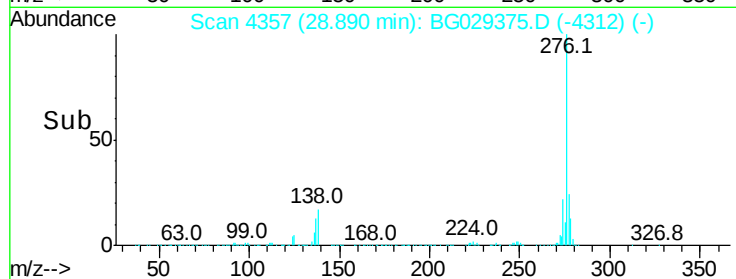
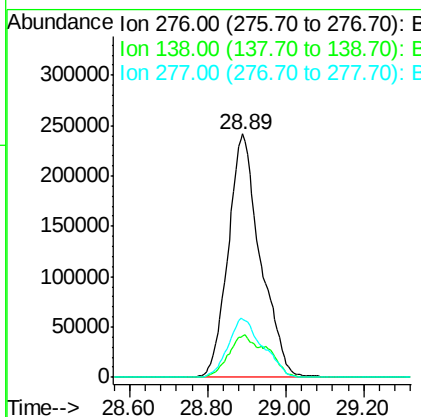
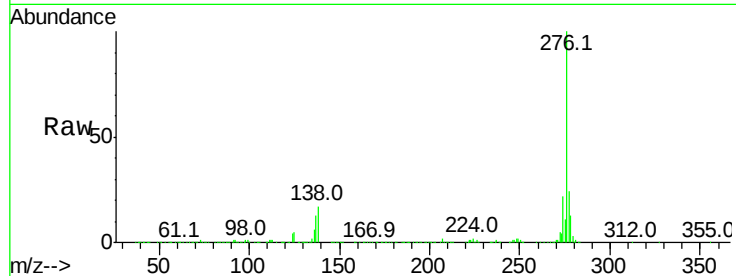
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.154 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.04 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.0	24.0
277	26.0	20.0	30.0

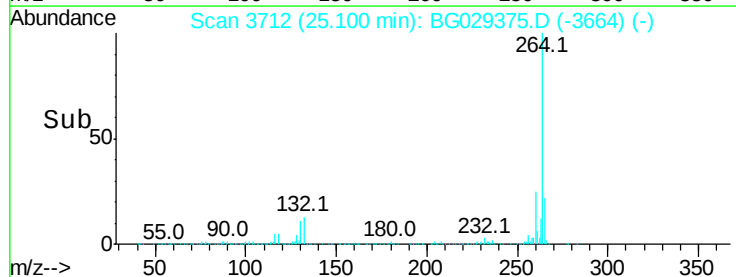
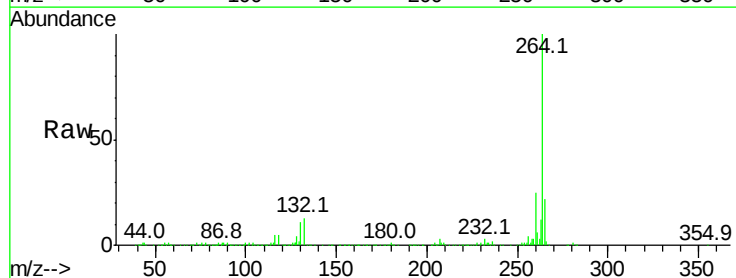
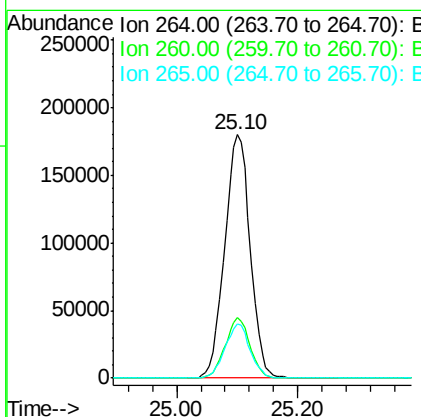
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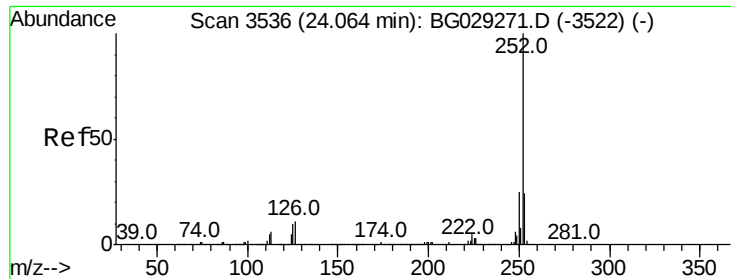
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.097 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

ENV-115-7(0-5)MSD

Tot Ion:252 Resp: 1180555

Ion Ratio Lower Upper

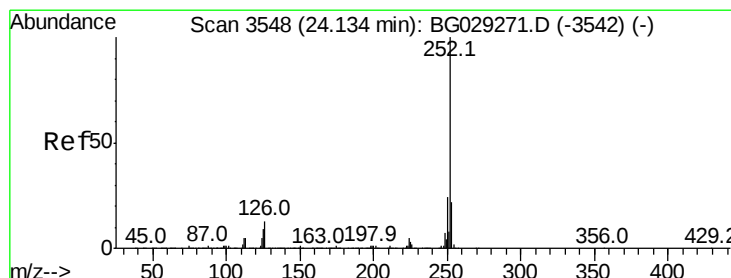
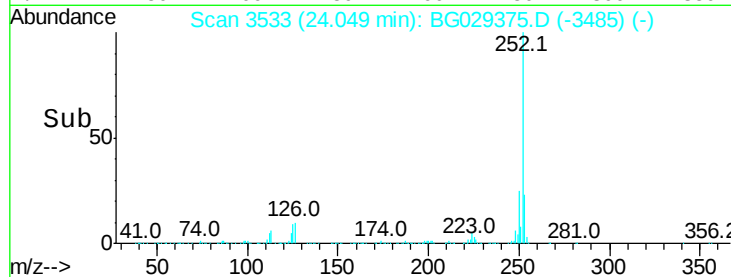
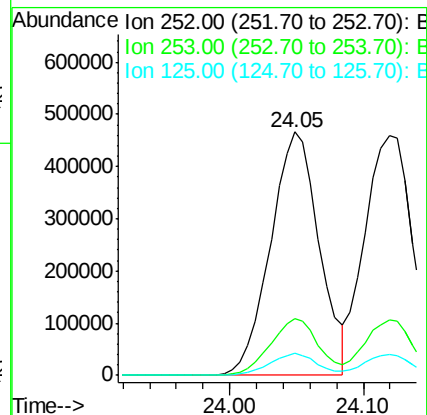
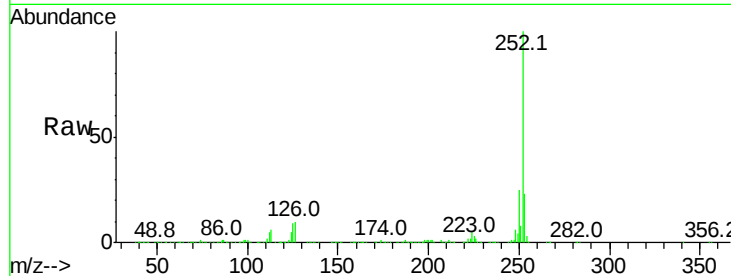
252 100

253 23.1 18.2 27.4

125 9.0 7.2 10.8

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#88

Benzo(k)fluoranthene

Concen: 37.904 ng

RT: 24.12 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

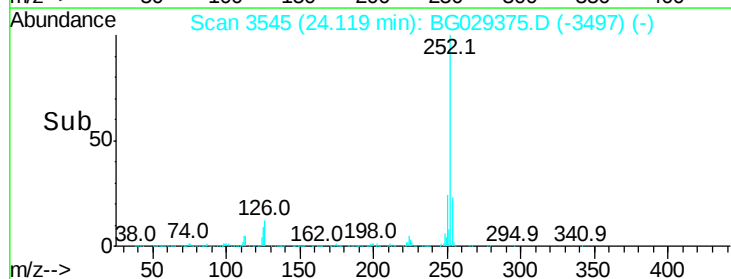
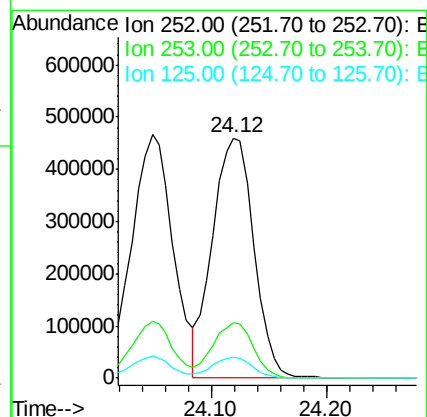
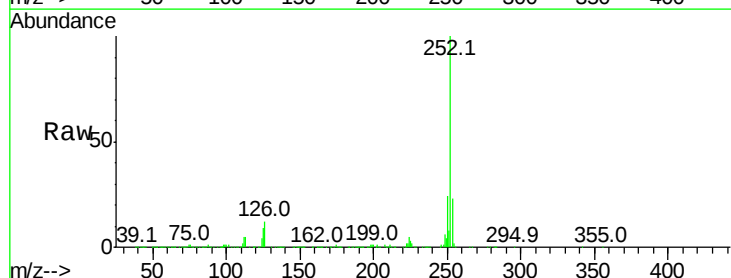
Tgt Ion:252 Resp: 1140272

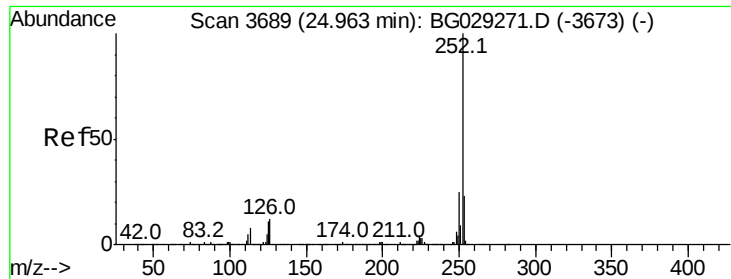
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 9.0 6.6 9.8





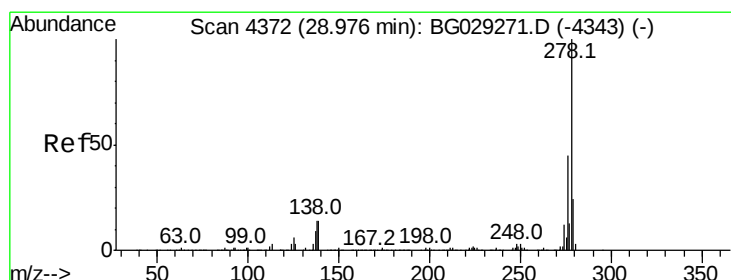
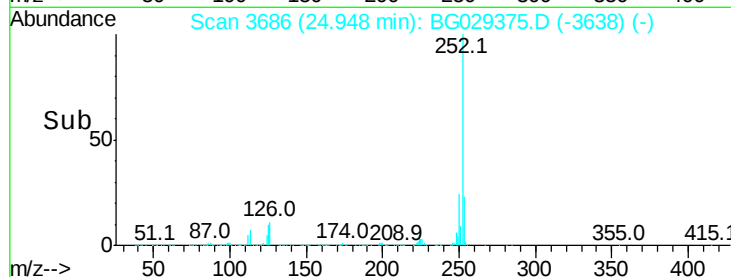
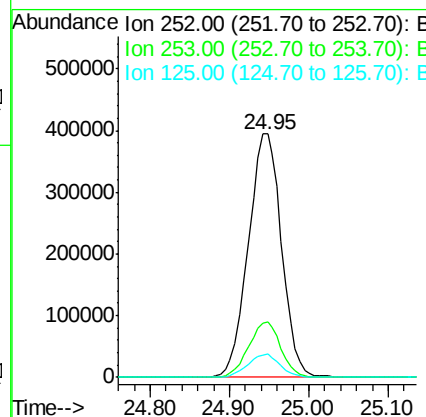
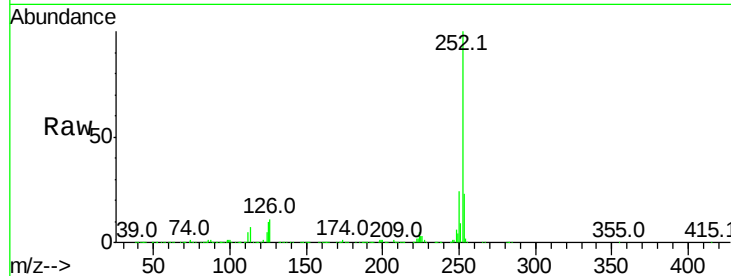
#89
Benzo(a)pyrene
Concen: 39.574 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :
ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	9.7	7.3	10.9

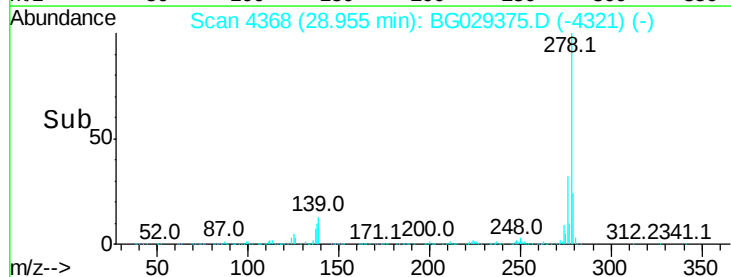
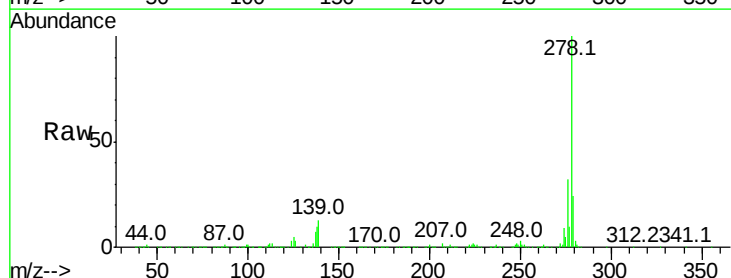
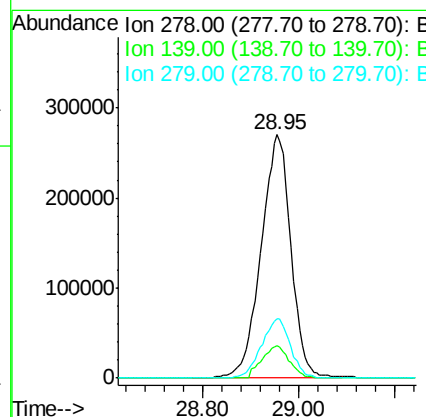
Manual Integrations
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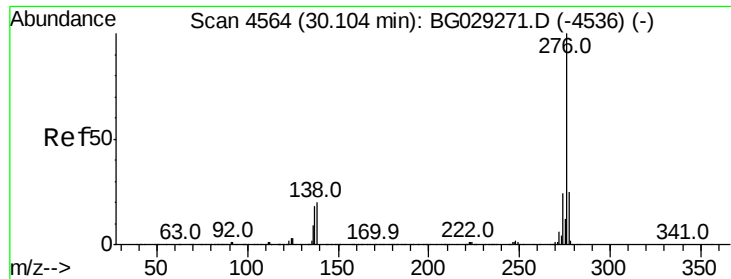
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#90
Dibenzo(a,h)anthracene
Concen: 39.666 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.02 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.6
279	24.2	18.4	27.6





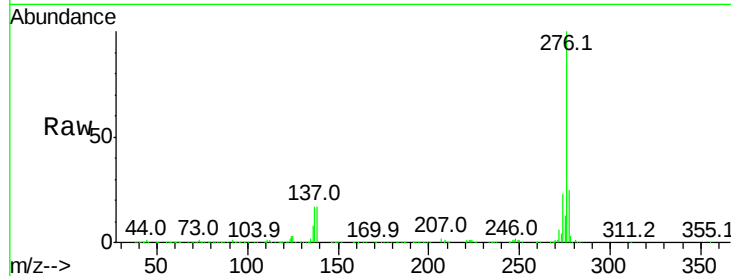
#91
 Benzo(a,h,i)perylene
 Concen: 42.066 ng
 RT: 30.08 min Scan# 4559
 Delta R.T. -0.03 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-115-7(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	17.1	13.9	20.9

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

